

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085364.D
 Acq On : 31 Dec 2024 11:18
 Operator : JC\MD
 Sample : VN1231MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

Quant Time: Jan 01 02:03:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	151103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117253	54.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.820%
35) Dibromofluoromethane	8.165	113	88333	53.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.800%
50) Toluene-d8	10.565	98	321708	53.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.980%
62) 4-Bromofluorobenzene	12.847	95	107086	53.614	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.220%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	41630	20.371	ug/l 100
3) Chloromethane	2.359	50	42999	18.721	ug/l 97
4) Vinyl Chloride	2.512	62	43637	17.965	ug/l 94
5) Bromomethane	2.959	94	27667	17.416	ug/l 97
6) Chloroethane	3.118	64	29213	18.964	ug/l 99
7) Trichlorofluoromethane	3.500	101	62020	19.423	ug/l 100
8) Diethyl Ether	3.965	74	21494	20.330	ug/l 94
9) 1,1,2-Trichlorotrifluo...	4.371	101	36020	19.825	ug/l 98
10) Methyl Iodide	4.589	142	39822	18.940	ug/l 94
11) Tert butyl alcohol	5.518	59	31577	117.008	ug/l 97
12) 1,1-Dichloroethene	4.342	96	31983	19.047	ug/l 96
13) Acrolein	4.183	56	48011	114.109	ug/l 99
14) Allyl chloride	5.030	41	52377m	19.490	ug/l
15) Acrylonitrile	5.718	53	98511	115.979	ug/l 98
16) Acetone	4.430	43	84680	119.491	ug/l 97
17) Carbon Disulfide	4.712	76	89328	17.487	ug/l 98
18) Methyl Acetate	5.024	43	53923	24.853	ug/l 97
19) Methyl tert-butyl Ether	5.794	73	111793	20.483	ug/l 98
20) Methylene Chloride	5.277	84	39917	20.941	ug/l 98
21) trans-1,2-Dichloroethene	5.777	96	34147	19.467	ug/l 85
22) Diisopropyl ether	6.665	45	126658	21.871	ug/l 97
23) Vinyl Acetate	6.600	43	456615	108.993	ug/l 98
24) 1,1-Dichloroethane	6.571	63	71414	20.471	ug/l 98
25) 2-Butanone	7.477	43	134874	122.676	ug/l 98
26) 2,2-Dichloropropane	7.494	77	58911	19.275	ug/l 99
27) cis-1,2-Dichloroethene	7.483	96	40979	19.905	ug/l 96
28) Bromochloromethane	7.812	49	32983	20.345	ug/l # 99
29) Tetrahydrofuran	7.835	42	87185	123.108	ug/l 98
30) Chloroform	7.965	83	73143	20.495	ug/l 98
31) Cyclohexane	8.253	56	57691	18.111	ug/l 95
32) 1,1,1-Trichloroethane	8.165	97	61902	19.421	ug/l 97
36) 1,1-Dichloropropene	8.371	75	47274	19.700	ug/l 98
37) Ethyl Acetate	7.559	43	52192	21.882	ug/l 98
38) Carbon Tetrachloride	8.359	117	54221	20.730	ug/l 100
39) Methylcyclohexane	9.600	83	46792	18.794	ug/l 95
40) Benzene	8.606	78	152479	21.016	ug/l 99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085364.D
 Acq On : 31 Dec 2024 11:18
 Operator : JC\MD
 Sample : VN1231MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBS01

Quant Time: Jan 01 02:03:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30244	24.759	ug/l	95
42) 1,2-Dichloroethane	8.671	62	58445	22.468	ug/l	100
43) Isopropyl Acetate	8.688	43	94489	24.059	ug/l	97
44) Trichloroethene	9.353	130	33886	19.727	ug/l	96
45) 1,2-Dichloropropane	9.618	63	38813	21.074	ug/l	97
46) Dibromomethane	9.706	93	28230	22.039	ug/l	99
47) Bromodichloromethane	9.882	83	58213	21.866	ug/l	95
48) Methyl methacrylate	9.682	41	41491	24.347	ug/l	98
49) 1,4-Dioxane	9.694	88	13617	529.602	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	282948	128.202	ug/l	100
52) Toluene	10.629	92	93535	21.652	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	53435	20.410	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	60148	21.246	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	36148	22.163	ug/l	95
56) Ethyl methacrylate	10.871	69	54533	22.957	ug/l	98
57) 1,3-Dichloropropane	11.159	76	64713	22.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	113570	98.819	ug/l	100
59) 2-Hexanone	11.194	43	203745	133.057	ug/l	96
60) Dibromochloromethane	11.359	129	42817	23.307	ug/l	100
61) 1,2-Dibromoethane	11.471	107	35525	22.016	ug/l	98
64) Tetrachloroethene	11.100	164	29417	19.729	ug/l	99
65) Chlorobenzene	11.888	112	99037	19.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35915	21.044	ug/l	99
67) Ethyl Benzene	11.959	91	166793	19.723	ug/l	96
68) m/p-Xylenes	12.070	106	128574	41.545	ug/l	100
69) o-Xylene	12.394	106	59389	19.837	ug/l	96
70) Styrene	12.412	104	101278	20.873	ug/l	99
71) Bromoform	12.576	173	26421	22.352	ug/l #	99
73) Isopropylbenzene	12.694	105	151278	19.511	ug/l	100
74) N-ethyl acetate	12.494	43	75361	22.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	56019	22.685	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	45920m	22.807	ug/l	
77) Bromobenzene	12.982	156	37799	19.677	ug/l	99
78) n-propylbenzene	13.035	91	186961	20.686	ug/l	99
79) 2-Chlorotoluene	13.123	91	113581	19.968	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	127046	20.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17918m	21.312	ug/l	
82) 4-Chlorotoluene	13.217	91	115890	20.230	ug/l	99
83) tert-Butylbenzene	13.435	119	103975	19.139	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	126806	20.306	ug/l	97
85) sec-Butylbenzene	13.612	105	148250	19.660	ug/l	99
86) p-Isopropyltoluene	13.729	119	120576	18.681	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	68902	19.786	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	69991	19.567	ug/l	97
89) n-Butylbenzene	14.053	91	102336	18.533	ug/l	98
90) Hexachloroethane	14.335	117	26126	21.137	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	66169	19.947	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10388	23.637	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	30797	18.602	ug/l	98
94) Hexachlorobutadiene	15.494	225	14511	17.640	ug/l	95
95) Naphthalene	15.641	128	95697	17.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31609	19.108	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
Data File : VN085364.D
Acq On : 31 Dec 2024 11:18
Operator : JC\MD
Sample : VN1231MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

Quant Time: Jan 01 02:03:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

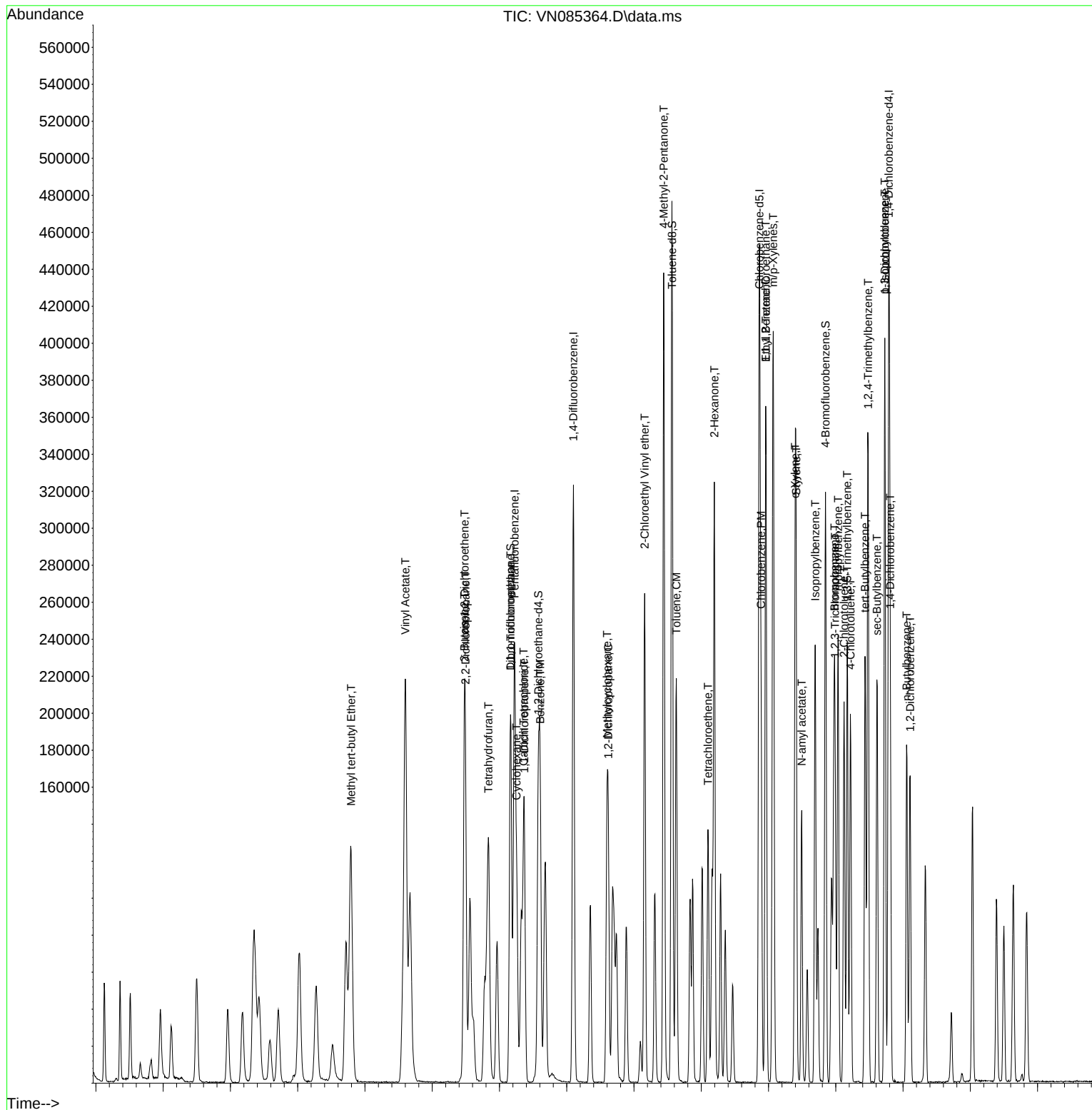
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
Data File : VN085364.D
Acq On : 31 Dec 2024 11:18
Operator : JC\MD
Sample : VN1231MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

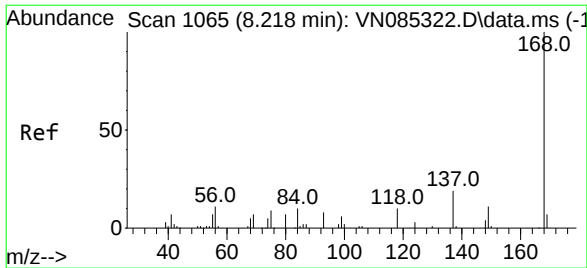
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Quant Time: Jan 01 02:03:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

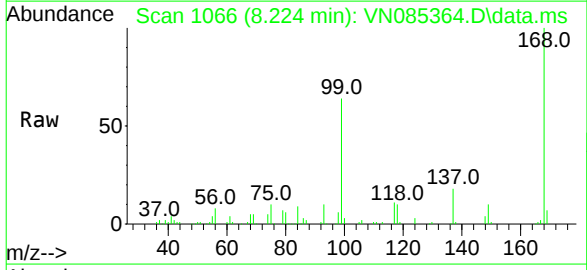
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

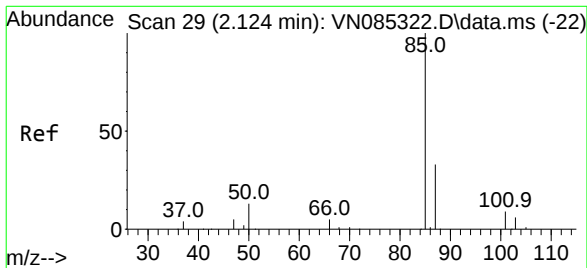
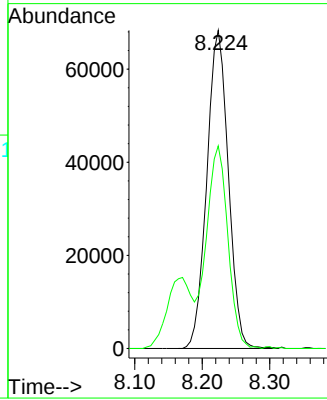
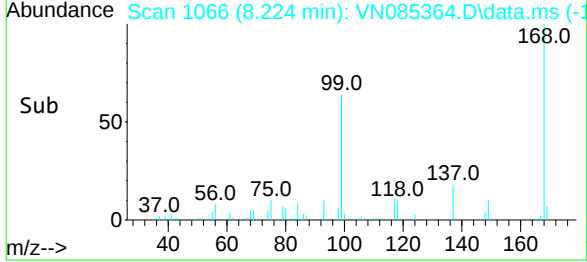
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



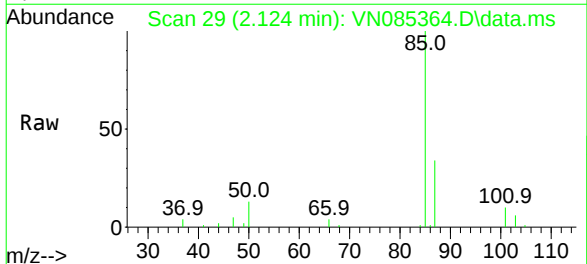
Tgt Ion:168 Resp: 151103
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.4

Manual Integrations
APPROVED

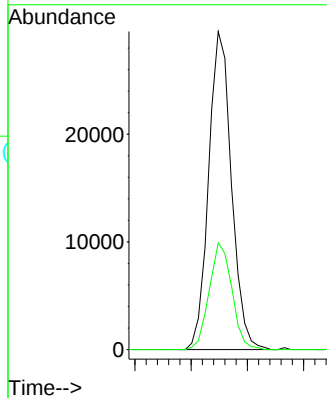
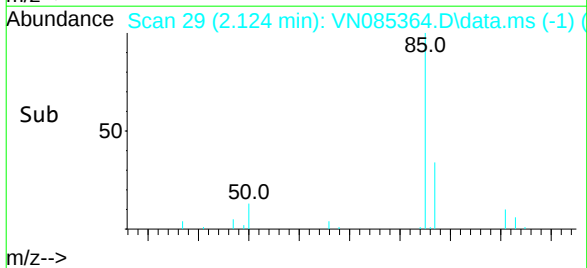
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

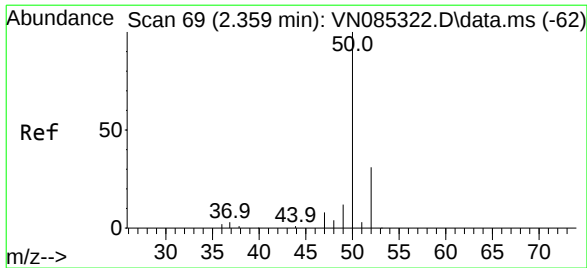


#2
Dichlorodifluoromethane
Concen: 20.371 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18



Tgt Ion: 85 Resp: 41630
Ion Ratio Lower Upper
85 100
87 33.6 16.8 50.3





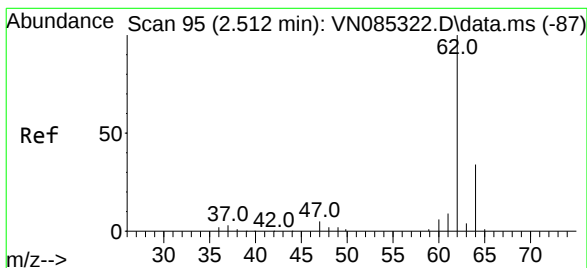
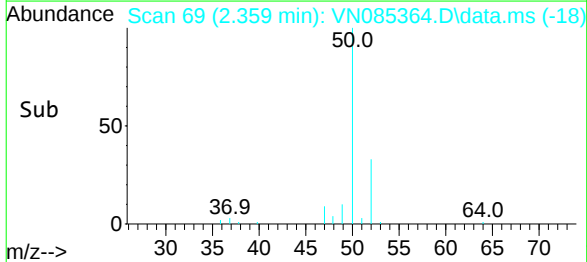
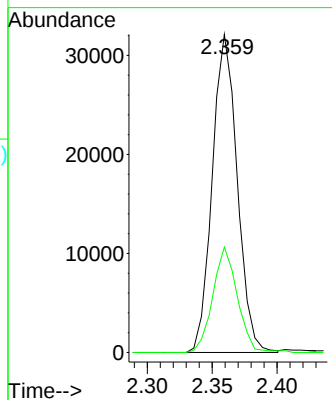
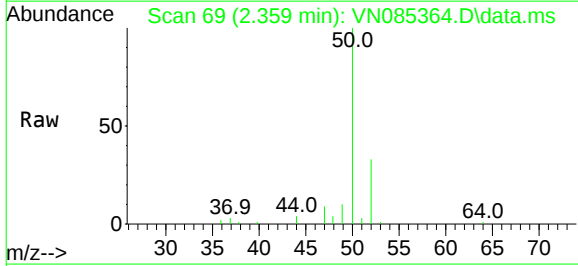
#3
Chloromethane
Concen: 18.721 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 50 Resp: 42999
Ion Ratio Lower Upper
50 100
52 33.1 25.1 37.7

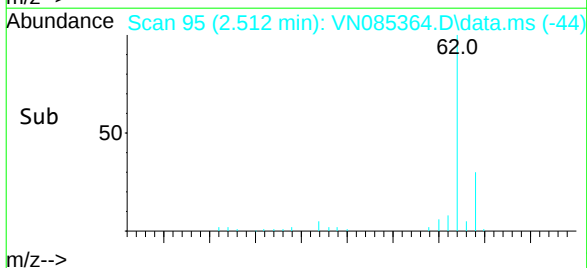
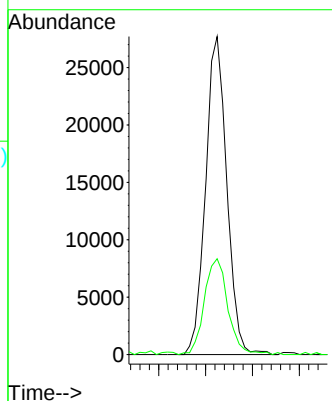
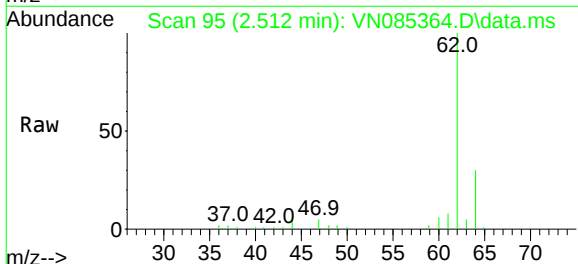
Manual Integrations
APPROVED

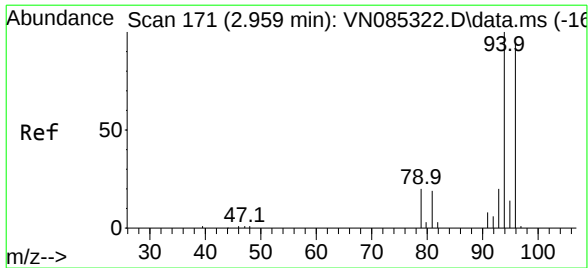
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#4
Vinyl Chloride
Concen: 17.965 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 62 Resp: 43637
Ion Ratio Lower Upper
62 100
64 30.1 27.0 40.6





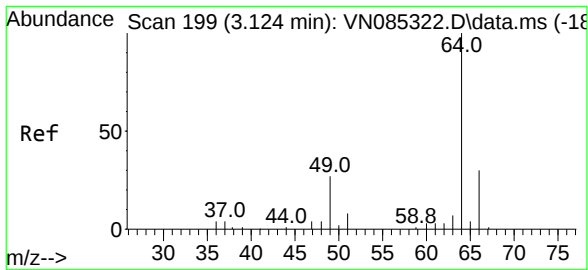
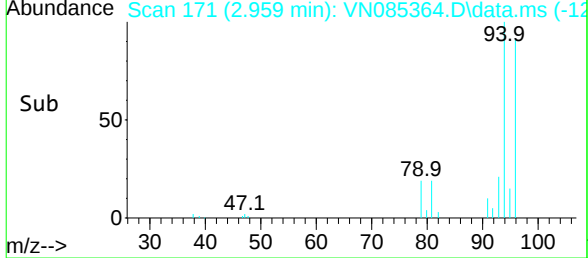
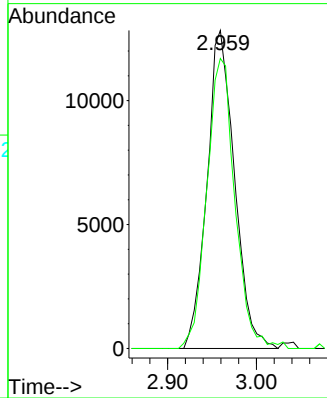
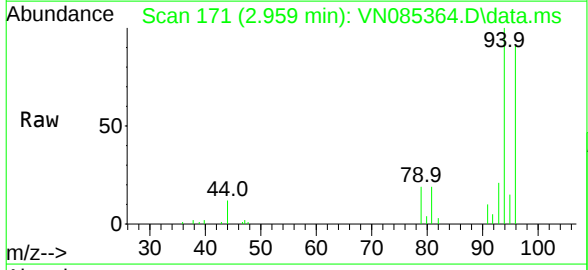
#5
Bromomethane
Concen: 17.416 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 94 Resp: 27667
Ion Ratio Lower Upper
94 100
96 91.2 75.2 112.8

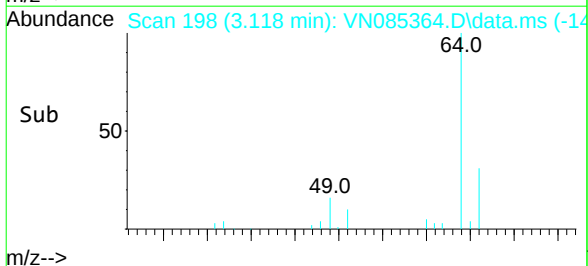
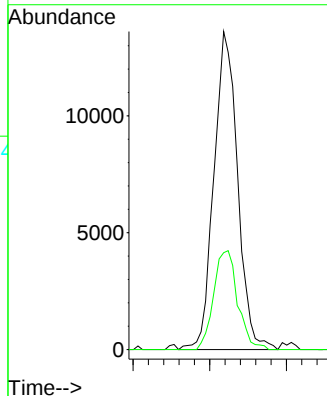
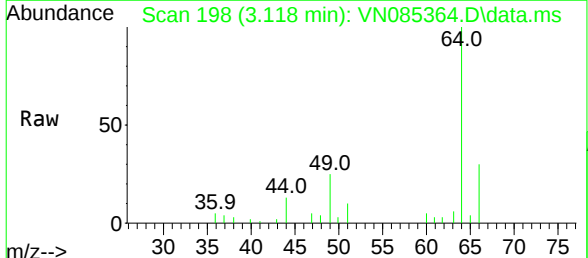
Manual Integrations
APPROVED

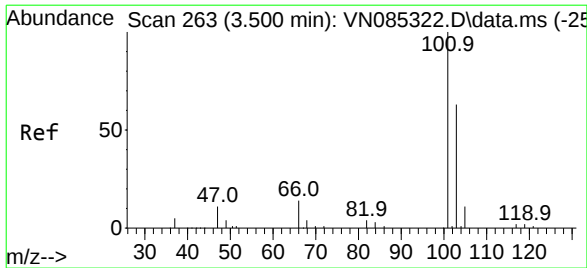
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#6
Chloroethane
Concen: 18.964 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 64 Resp: 29213
Ion Ratio Lower Upper
64 100
66 30.5 24.1 36.1





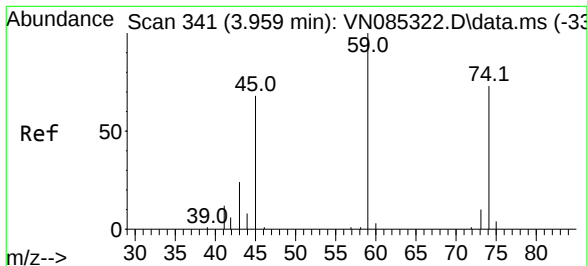
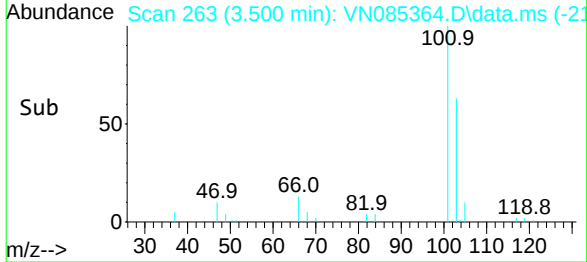
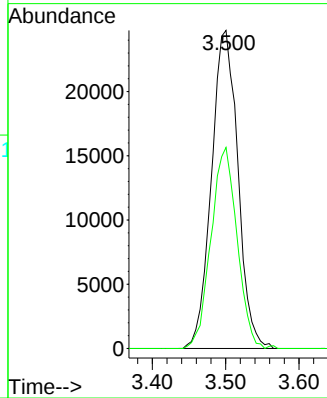
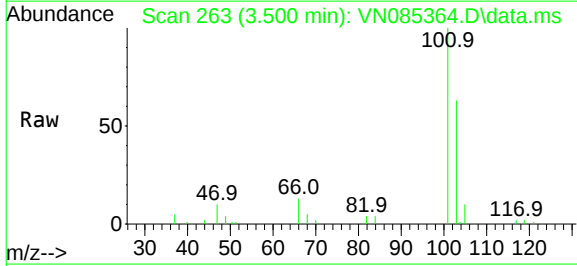
#7
 Trichlorofluoromethane
 Concen: 19.423 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085364.D
 Acq: 31 Dec 2024 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBS01

Tgt Ion:101 Resp: 62020
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.3 75.5

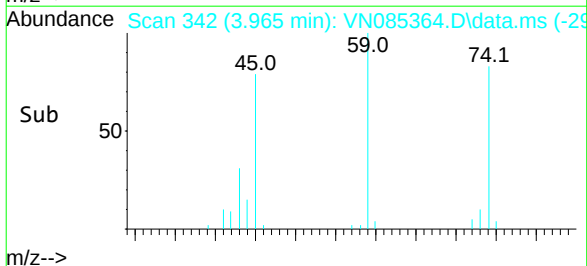
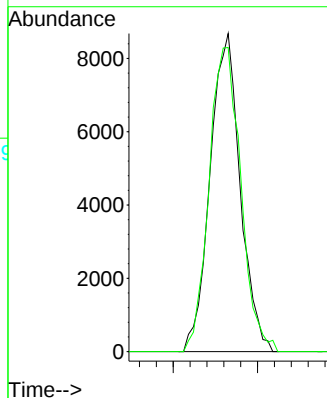
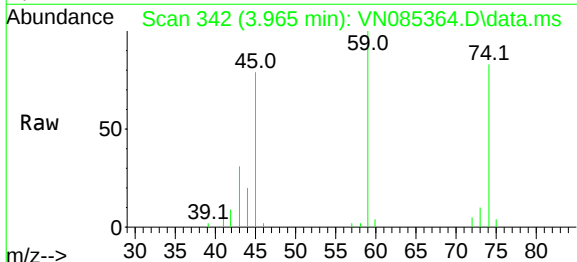
Manual Integrations
 APPROVED

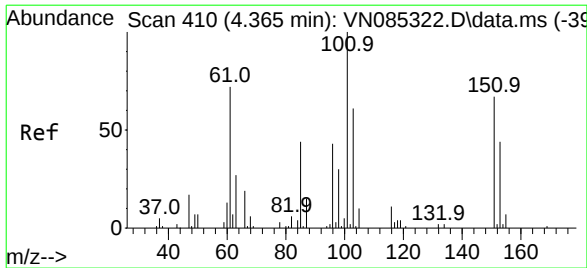
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#8
 Diethyl Ether
 Concen: 20.330 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085364.D
 Acq: 31 Dec 2024 11:18

Tgt Ion: 74 Resp: 21494
 Ion Ratio Lower Upper
 74 100
 45 100.9 47.5 142.6





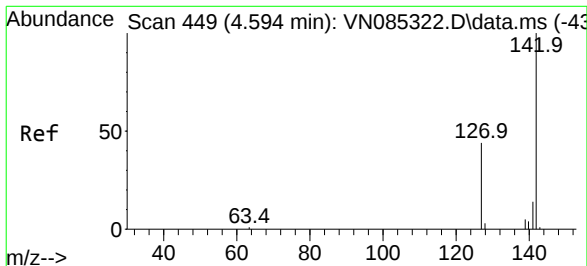
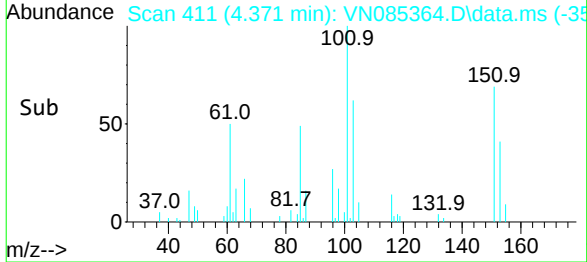
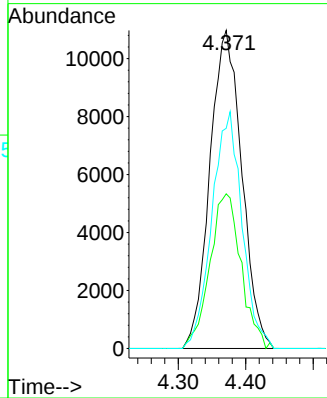
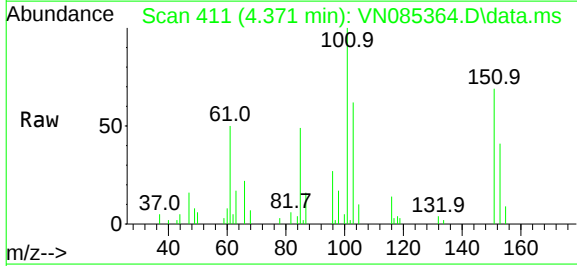
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.825 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:101 Resp: 36020
Ion Ratio Lower Upper
101 100
85 47.7 36.2 54.4
151 70.3 55.8 83.6

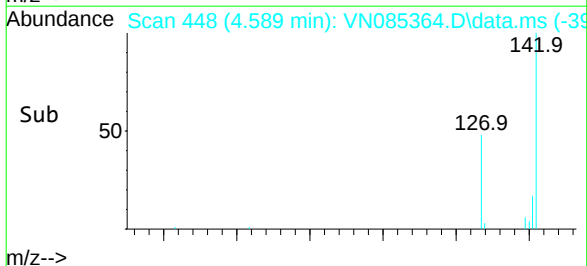
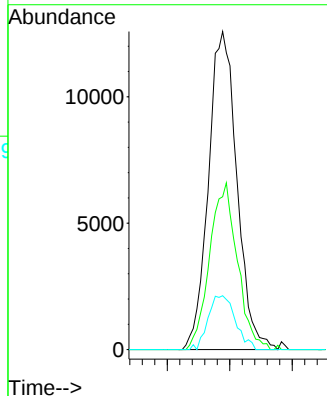
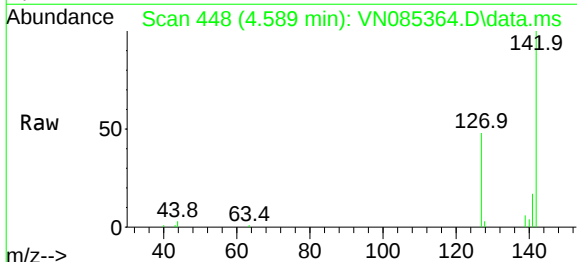
Manual Integrations
APPROVED

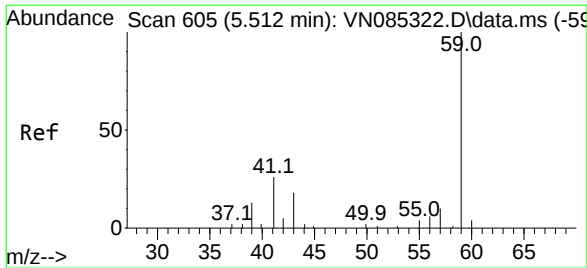
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#10
Methyl Iodide
Concen: 18.940 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:142 Resp: 39822
Ion Ratio Lower Upper
142 100
127 48.1 35.3 52.9
141 16.9 11.5 17.3





#11

Tert butyl alcohol

Concen: 117.008 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBS01

Tgt Ion: 59 Resp: 31577

Ion Ratio Lower Upper

59 100

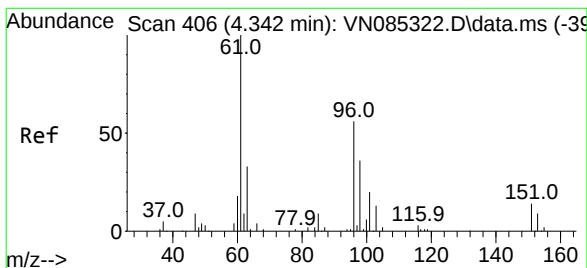
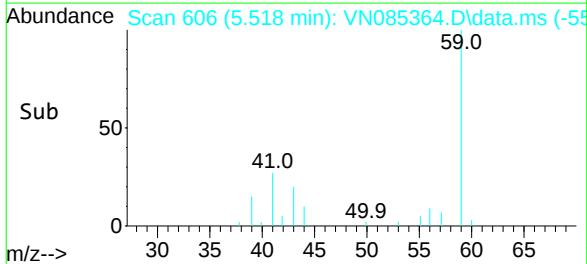
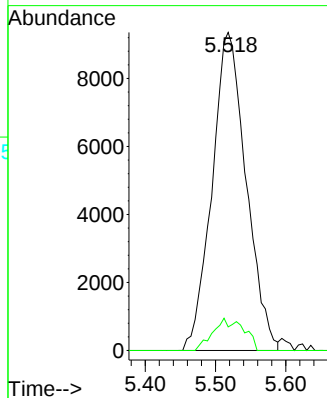
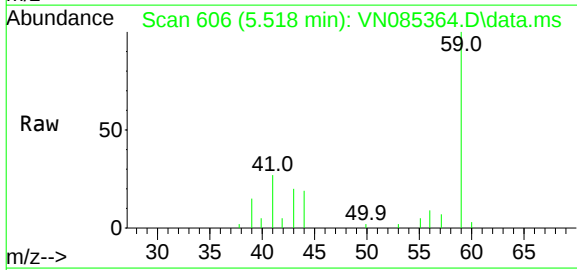
57 9.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#12

1,1-Dichloroethene

Concen: 19.047 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

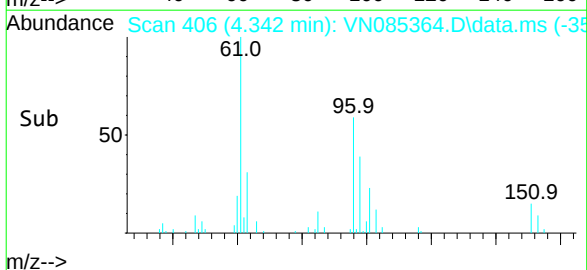
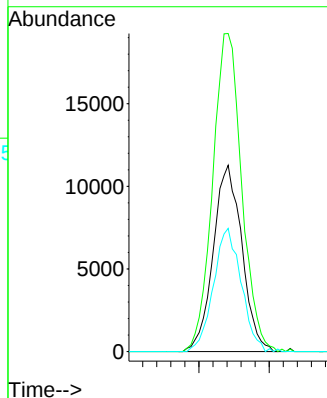
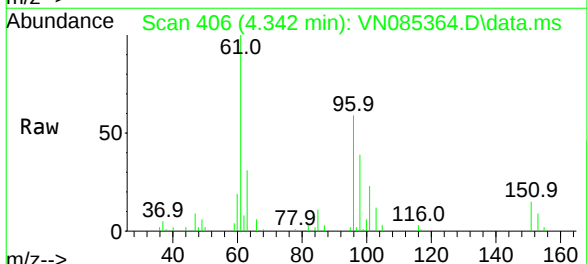
Tgt Ion: 96 Resp: 31983

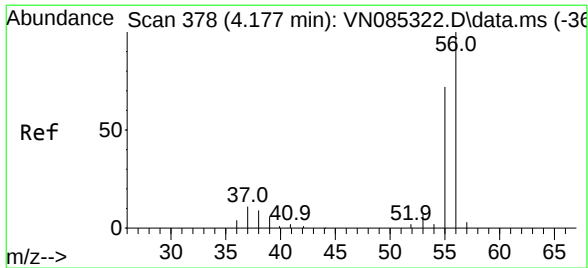
Ion Ratio Lower Upper

96 100

61 170.7 142.4 213.6

98 66.1 51.5 77.3





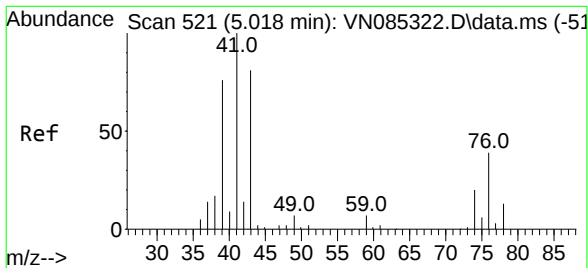
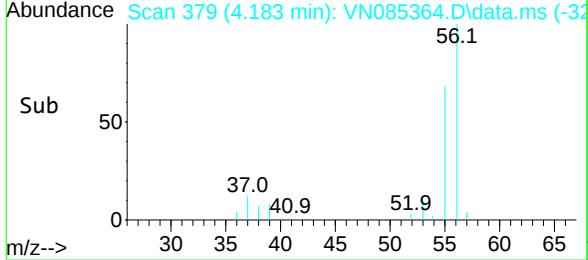
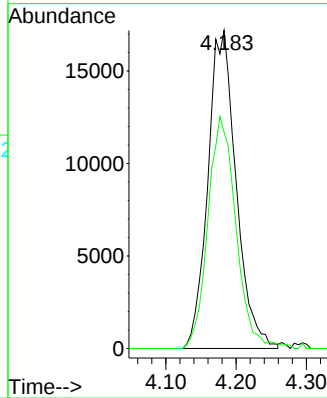
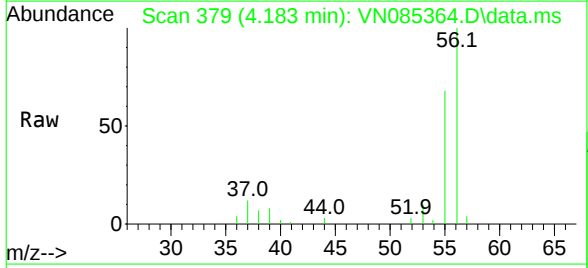
#13
Acrolein
Concen: 114.109 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:	56	Resp:	48011
Ion Ratio	Lower	Upper	
56	100		
55	72.4	57.5	86.3

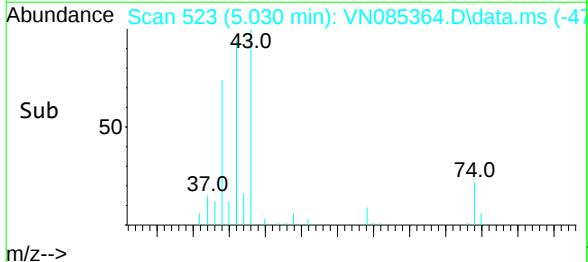
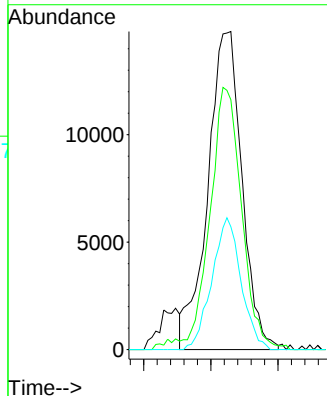
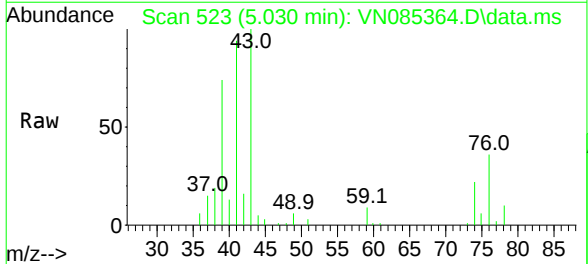
Manual Integrations
APPROVED

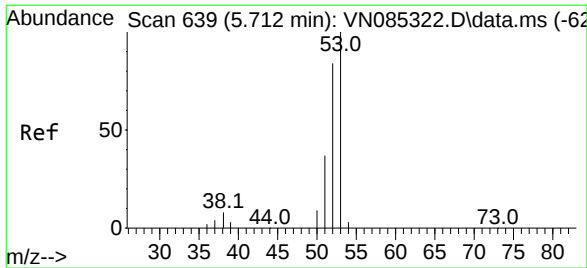
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#14
Allyl chloride
Concen: 19.490 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:	41	Resp:	52377
Ion Ratio	Lower	Upper	
41	100		
39	77.5	64.4	96.6
76	35.3	31.5	47.3





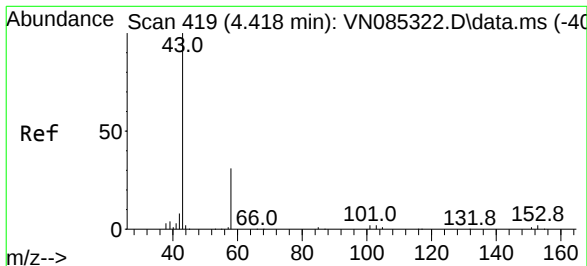
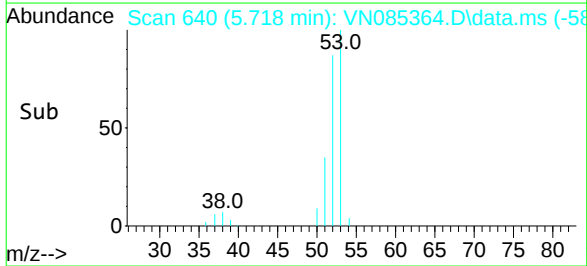
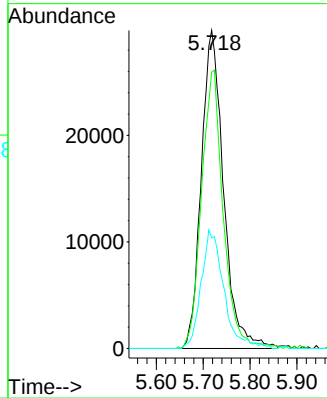
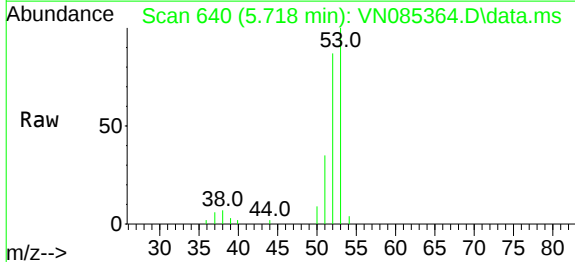
#15
Acrylonitrile
Concen: 115.979 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.2	66.6	100.0
51	38.0	29.6	44.4

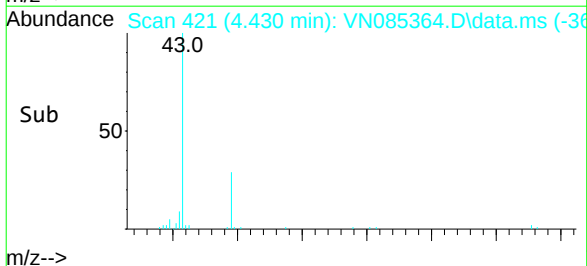
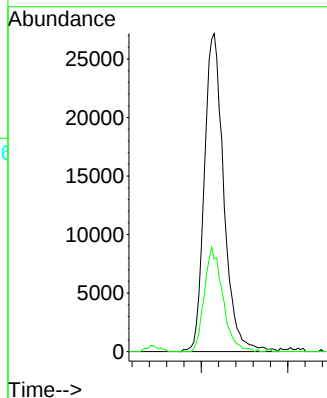
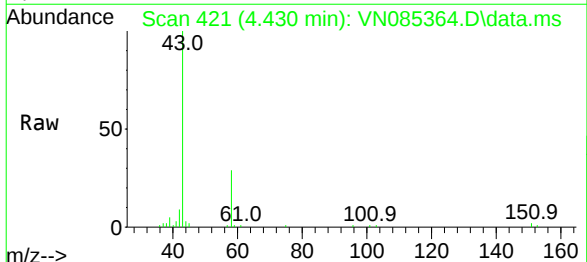
Manual Integrations
APPROVED

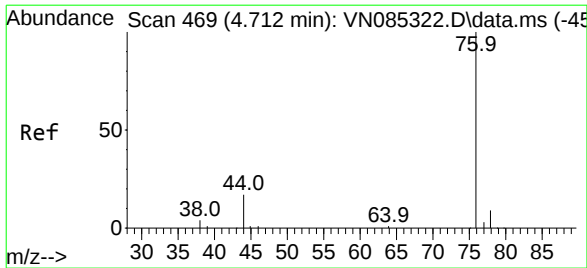
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#16
Acetone
Concen: 119.491 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.5	36.7





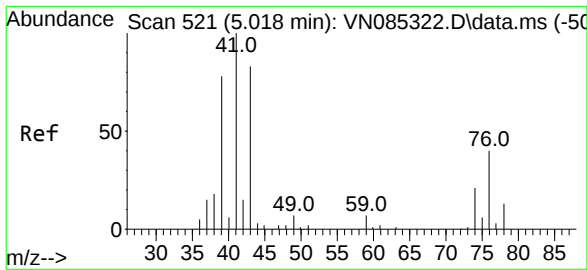
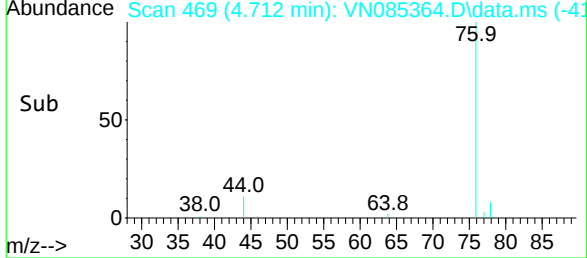
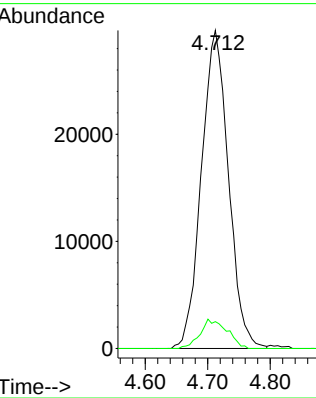
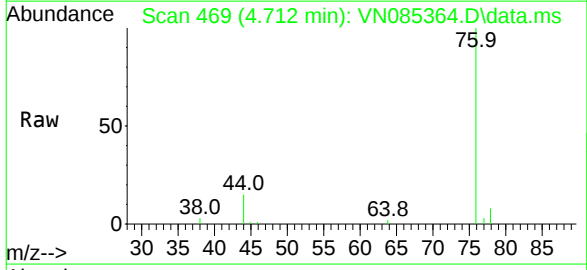
#17
Carbon Disulfide
Concen: 17.487 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 76 Resp: 89328
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

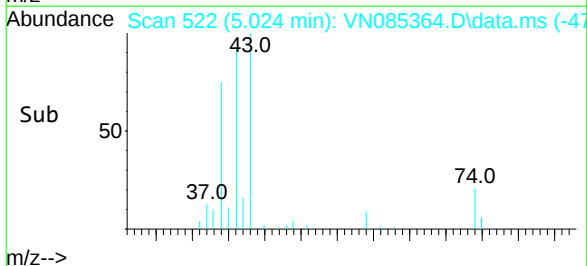
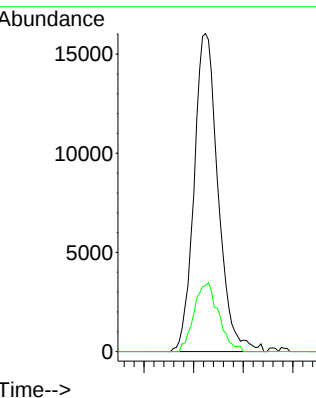
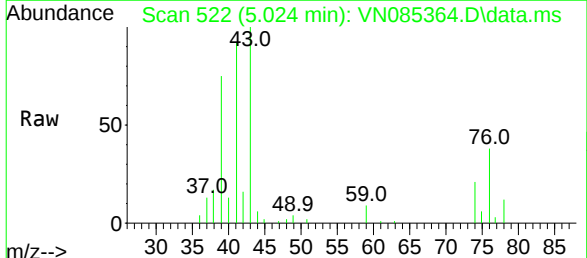
Manual Integrations
APPROVED

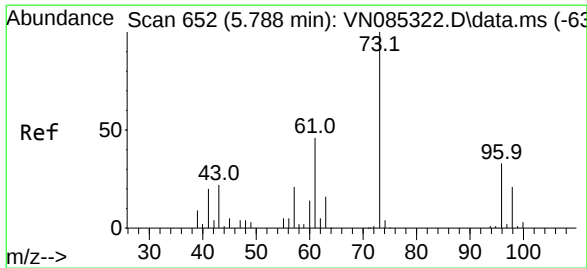
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#18
Methyl Acetate
Concen: 24.853 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 43 Resp: 53923
Ion Ratio Lower Upper
43 100
74 22.1 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 20.483 ug/l

RT: 5.794 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBS01

Tgt Ion: 73 Resp: 111793

Ion Ratio Lower Upper

73 100

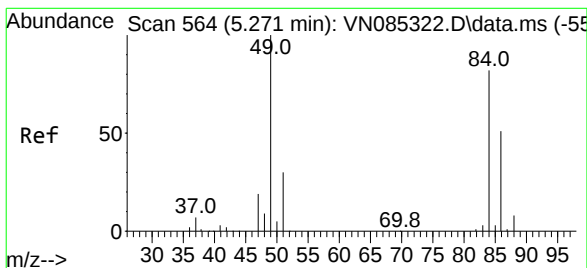
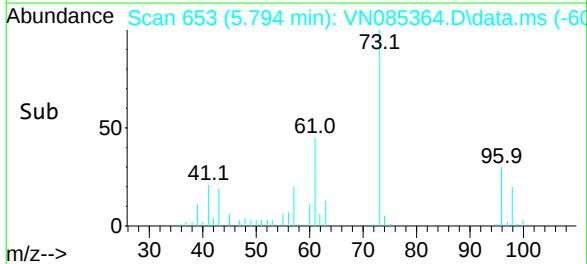
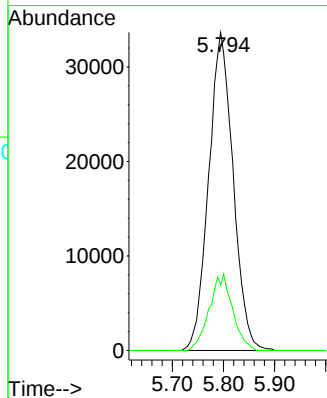
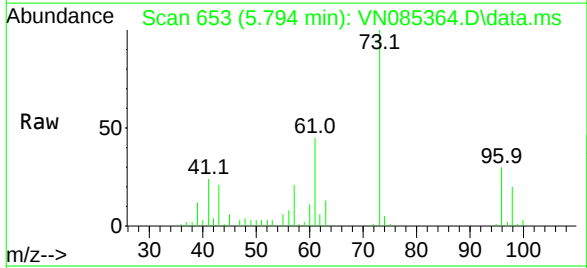
57 20.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#20

Methylene Chloride

Concen: 20.941 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Tgt Ion: 84 Resp: 39917

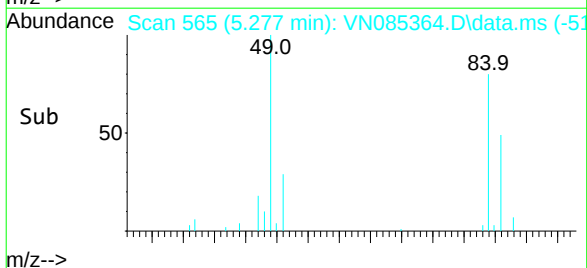
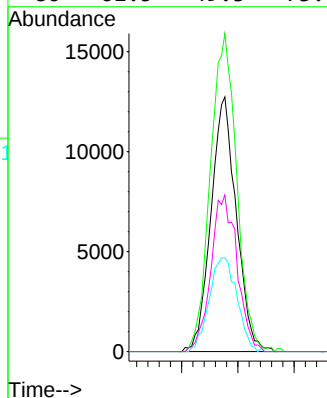
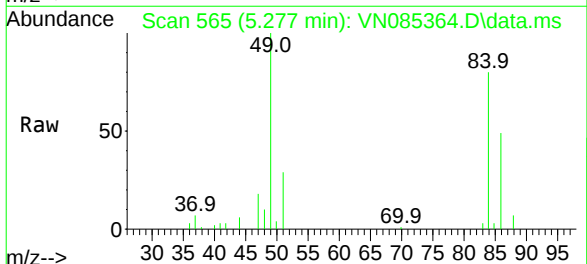
Ion Ratio Lower Upper

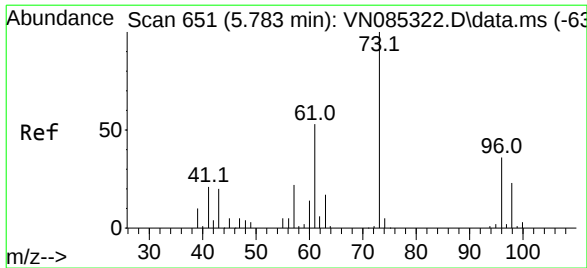
84 100

49 124.9 97.6 146.4

51 36.8 29.1 43.7

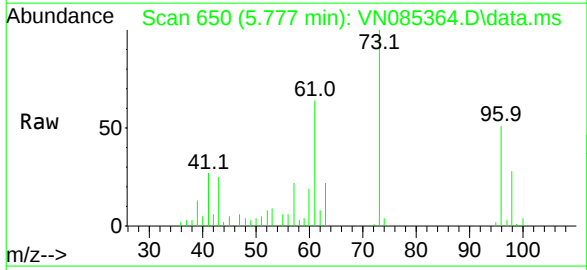
86 61.5 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 19.467 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

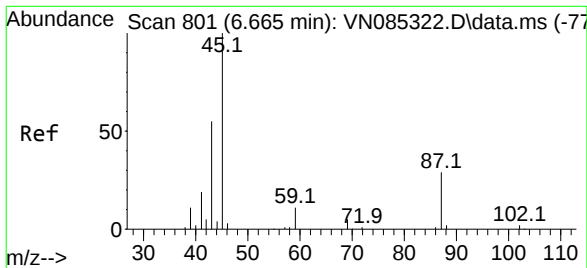
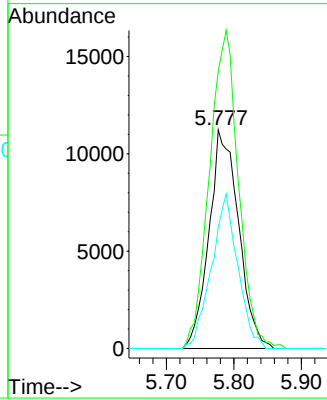
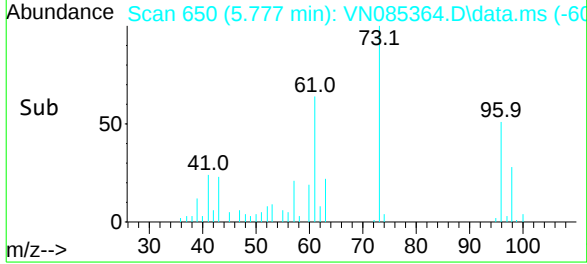
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



Tgt Ion: 96 Resp: 34147
Ion Ratio Lower Upper
96 100
61 126.6 118.0 177.0
98 55.4 50.6 75.8

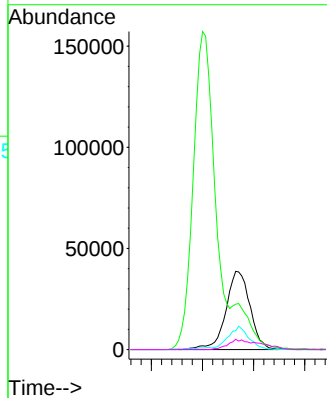
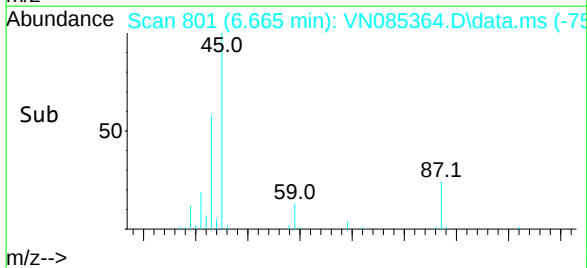
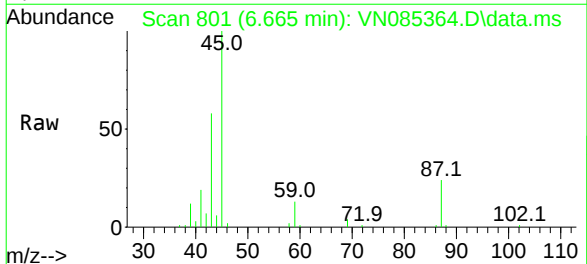
Manual Integrations
APPROVED

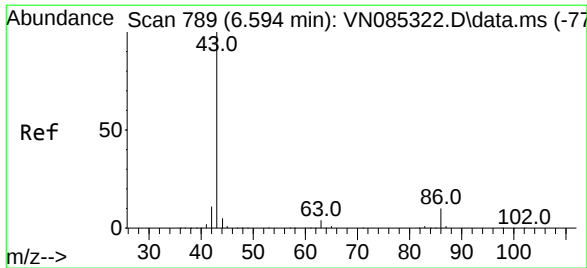
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#22
Diisopropyl ether
Concen: 21.871 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 45 Resp: 126658
Ion Ratio Lower Upper
45 100
43 55.3 44.1 66.1
87 24.2 23.2 34.8
59 12.6 9.0 13.6





#23

Vinyl Acetate

Concen: 108.993 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBS01

Tgt Ion: 43 Resp: 456615

Ion Ratio Lower Upper

43 100

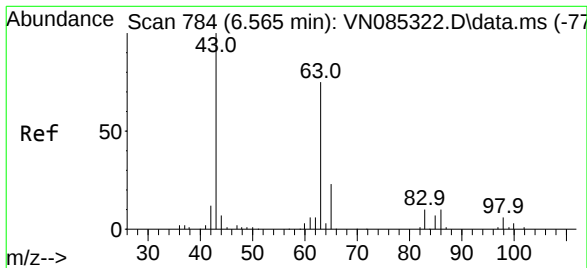
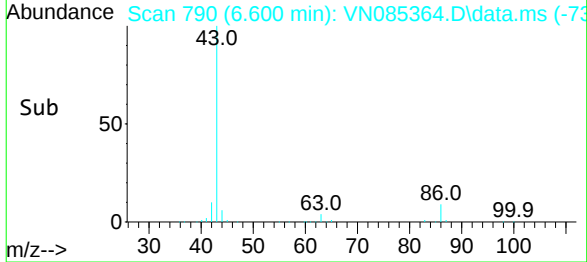
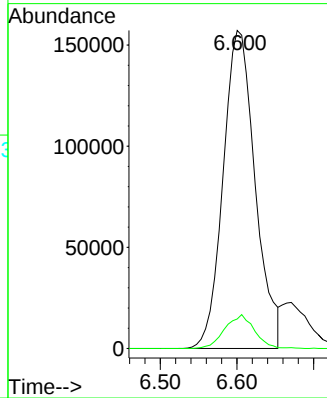
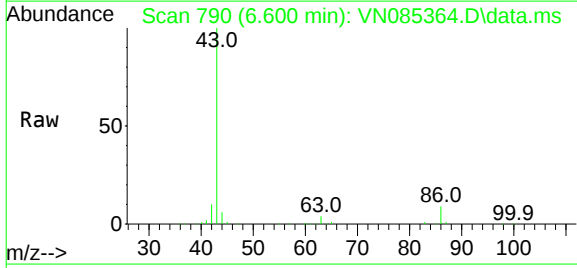
86 9.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#24

1,1-Dichloroethane

Concen: 20.471 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

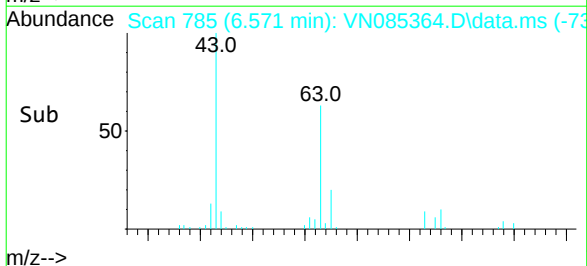
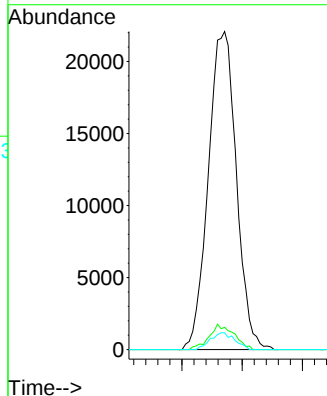
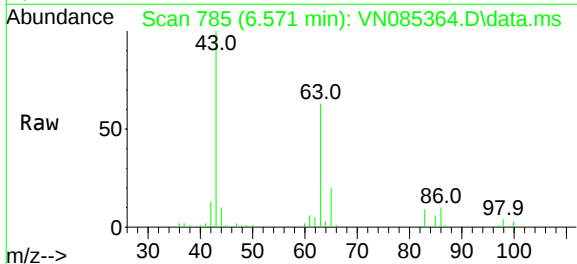
Tgt Ion: 63 Resp: 71414

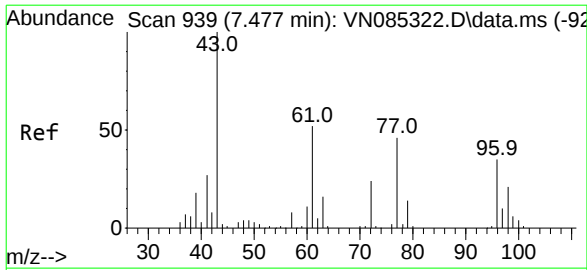
Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

100 5.3 2.3 6.8





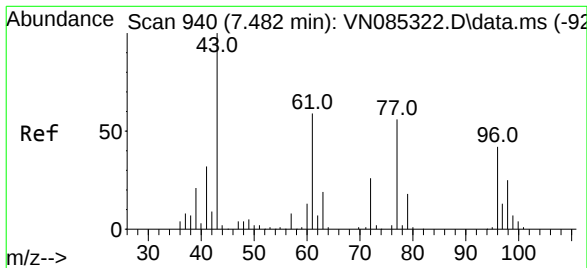
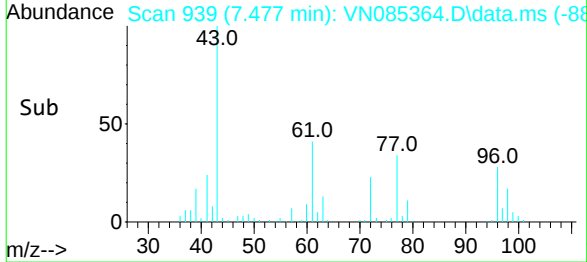
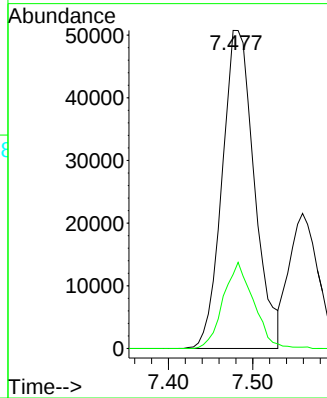
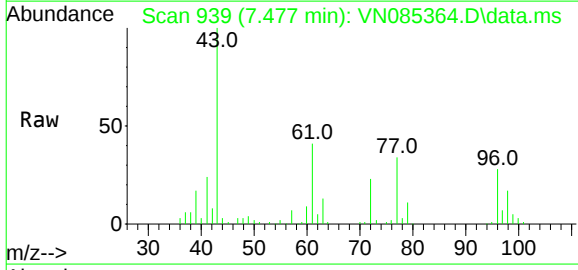
#25
2-Butanone
Concen: 122.676 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 43 Resp: 134874
Ion Ratio Lower Upper
43 100
72 23.3 19.6 29.4

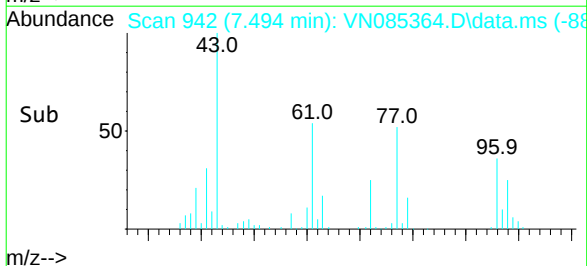
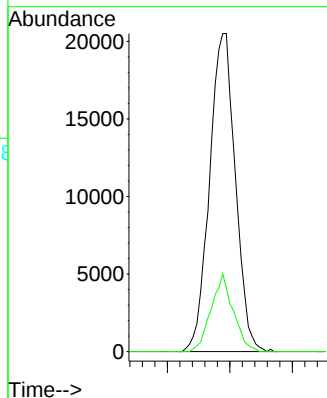
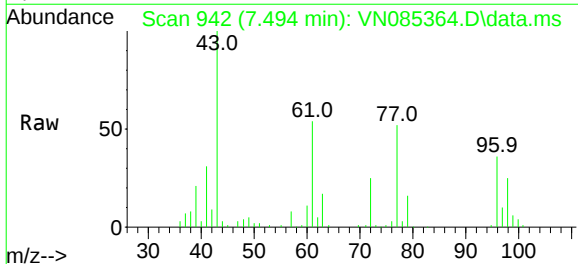
Manual Integrations
APPROVED

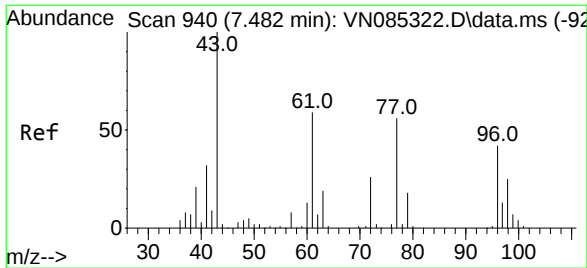
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#26
2,2-Dichloropropane
Concen: 19.275 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 77 Resp: 58911
Ion Ratio Lower Upper
77 100
97 20.8 10.6 31.8





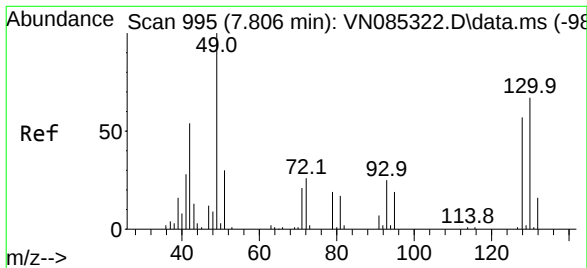
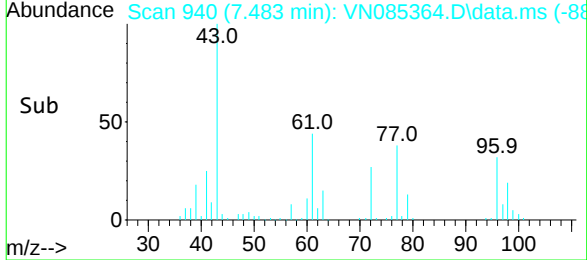
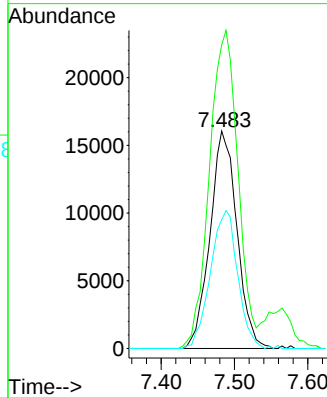
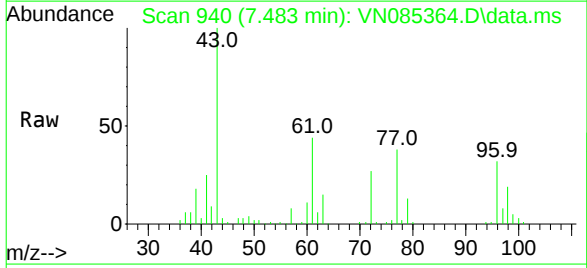
#27
 cis-1,2-Dichloroethene
 Concen: 19.905 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085364.D
 Acq: 31 Dec 2024 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBS01

Tgt Ion: 96 Resp: 40979
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 296.4
 98 64.1 0.0 124.2

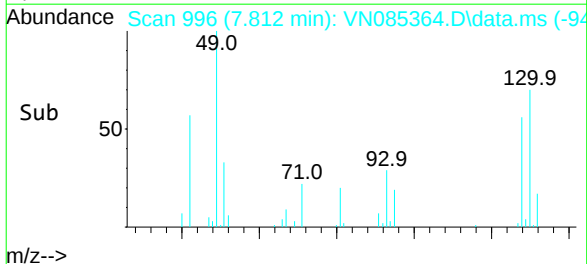
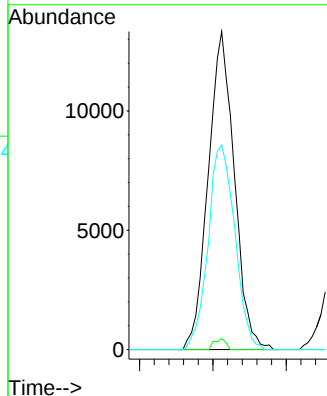
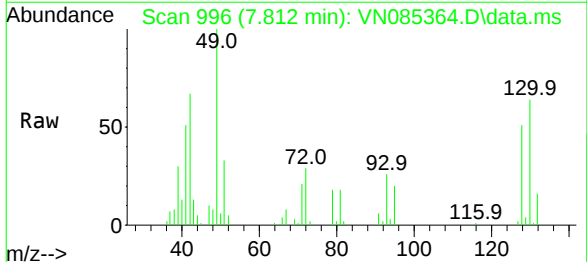
Manual Integrations
 APPROVED

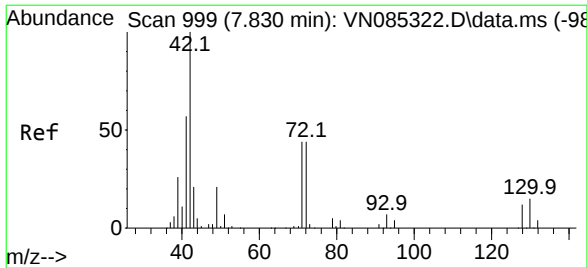
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#28
 Bromochloromethane
 Concen: 20.345 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085364.D
 Acq: 31 Dec 2024 11:18

Tgt Ion: 49 Resp: 32983
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.0
 130 66.0 0.0 0.0#





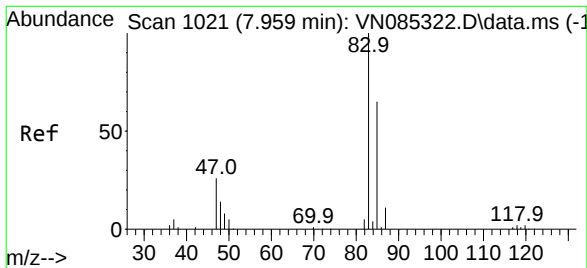
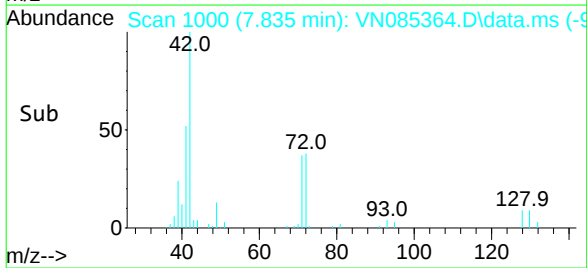
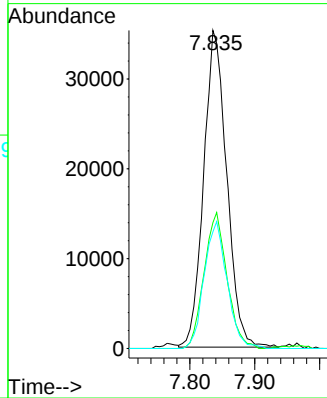
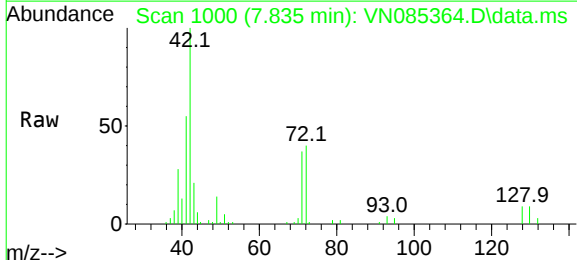
#29
Tetrahydrofuran
Concen: 123.108 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 42 Resp: 87185
Ion Ratio Lower Upper
42 100
72 42.6 35.1 52.7
71 39.8 33.4 50.0

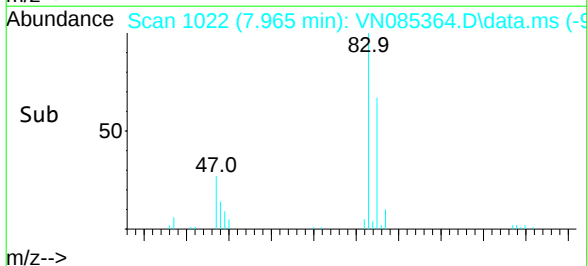
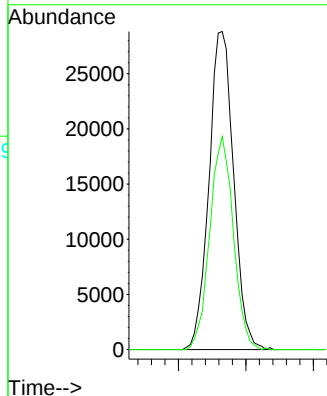
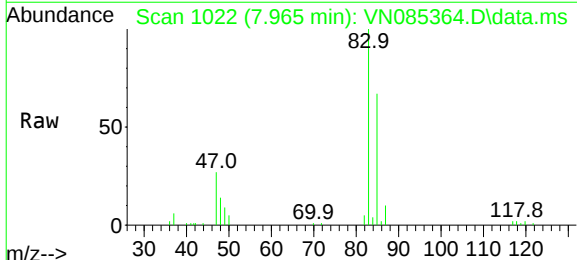
Manual Integrations
APPROVED

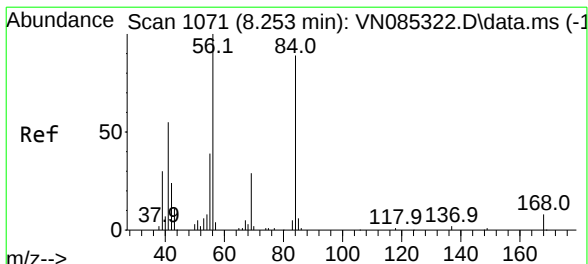
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#30
Chloroform
Concen: 20.495 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

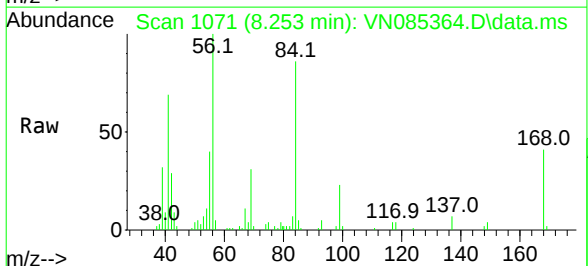
Tgt Ion: 83 Resp: 73143
Ion Ratio Lower Upper
83 100
85 66.9 52.0 78.0





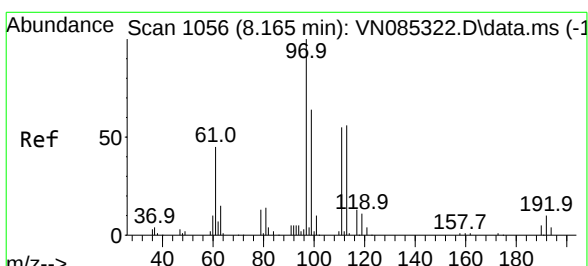
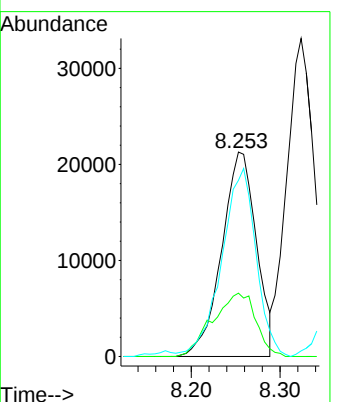
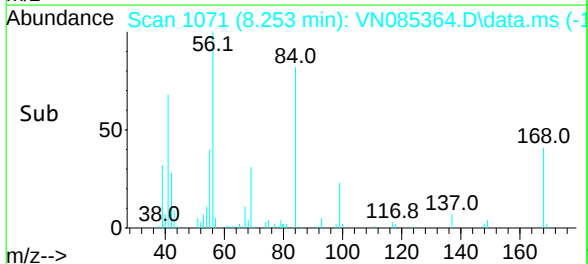
#31
Cyclohexane
Concen: 18.111 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument : MSVOA_N
ClientSampleId : VN1231MBS01

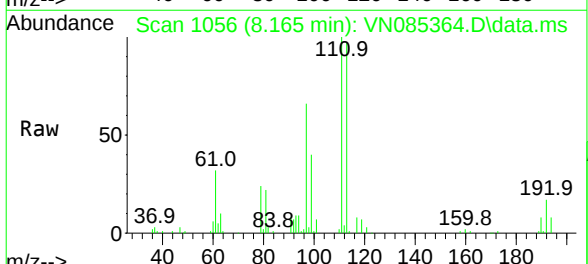


Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.4	35.0
84	84.2	71.0	106.6

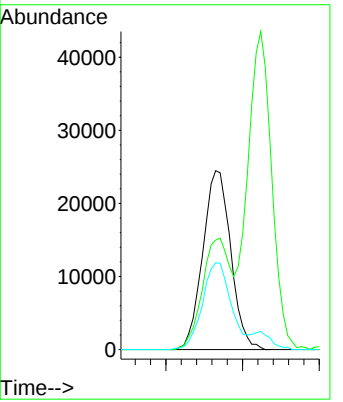
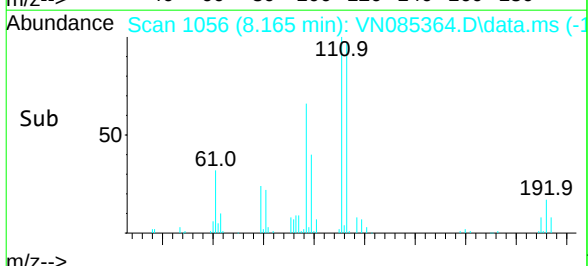
Manual Integrations
APPROVED
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

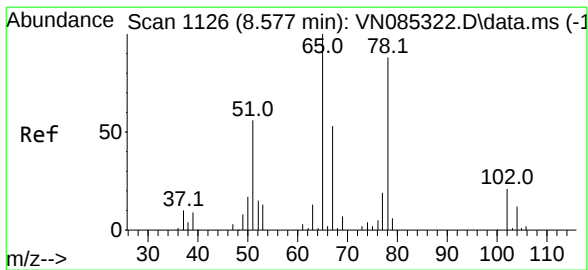


#32
1,1,1-Trichloroethane
Concen: 19.421 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18



Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	53.3	79.9
61	49.8	39.6	59.4





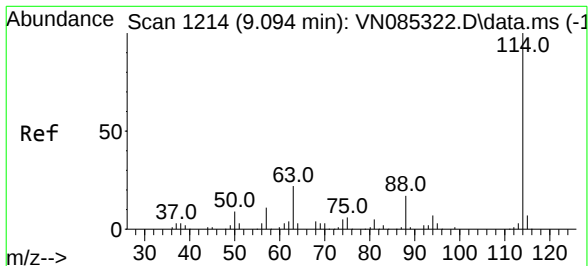
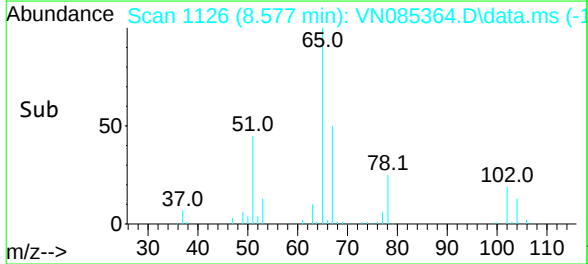
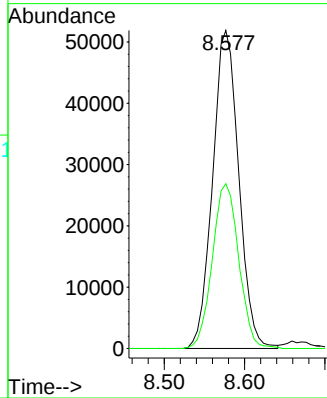
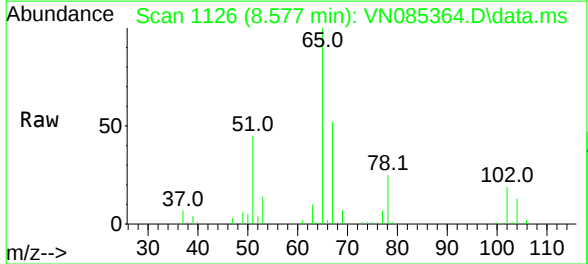
#33
1,2-Dichloroethane-d4
Concen: 54.406 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 65 Resp: 117253
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

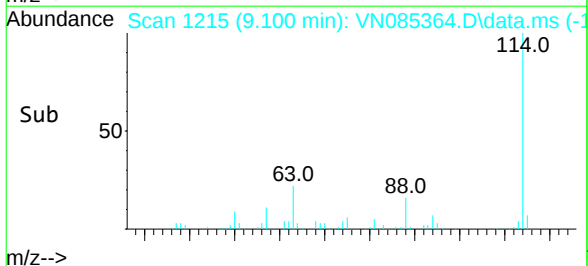
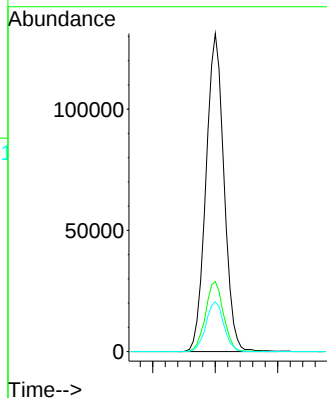
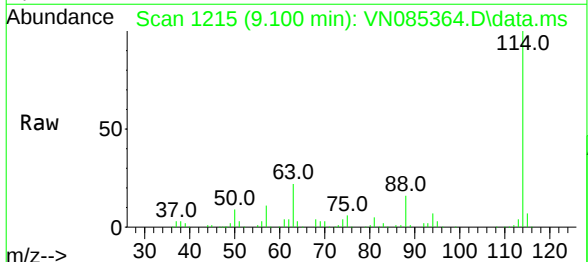
Manual Integrations
APPROVED

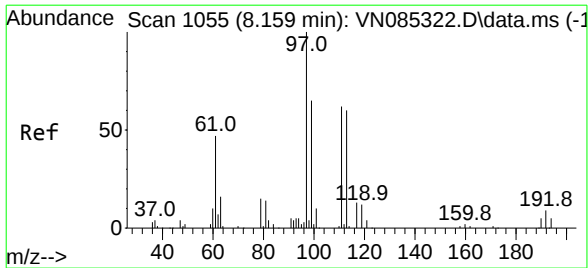
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

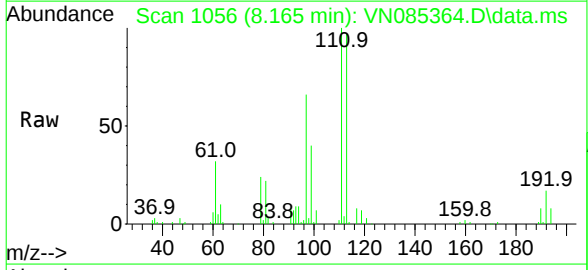
Tgt Ion:114 Resp: 262712
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.4
88 15.6 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 53.896 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085364.D
 Acq: 31 Dec 2024 11:18

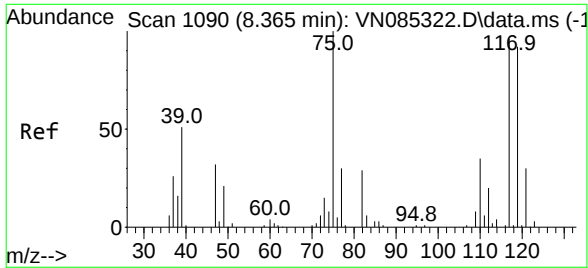
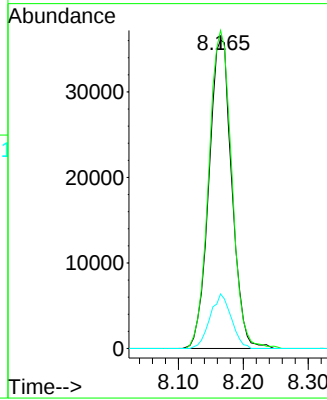
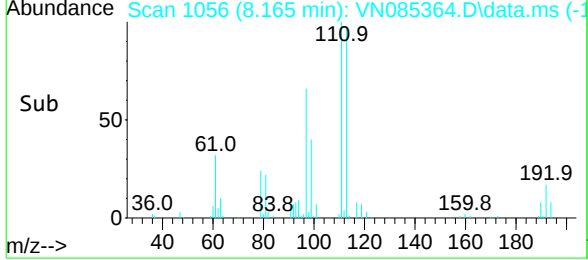
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBS01



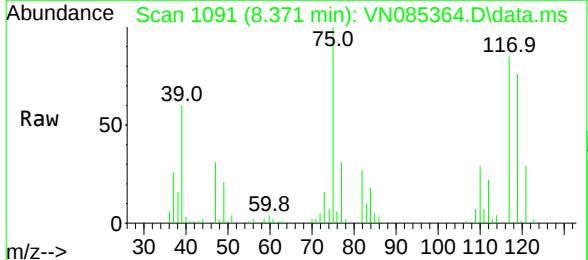
Tgt Ion:	113	Resp:	88333
Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.5	120.7
192	16.4	12.9	19.3

Manual Integrations
 APPROVED

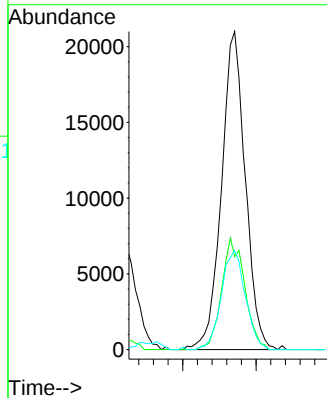
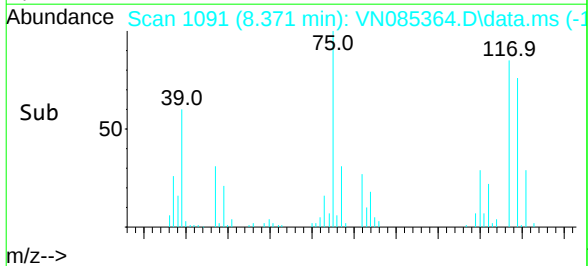
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025

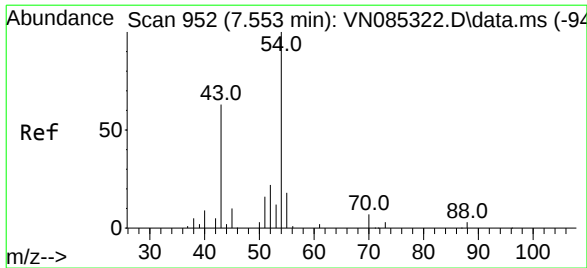


#36
 1,1-Dichloropropene
 Concen: 19.700 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085364.D
 Acq: 31 Dec 2024 11:18



Tgt Ion:	75	Resp:	47274
Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.6	49.8
77	31.6	24.3	36.5





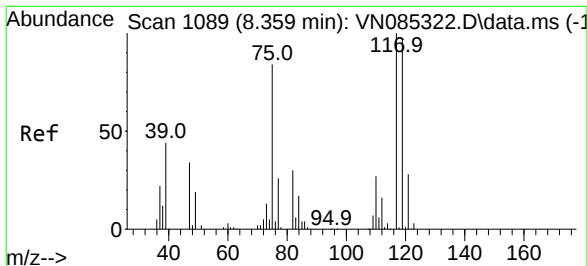
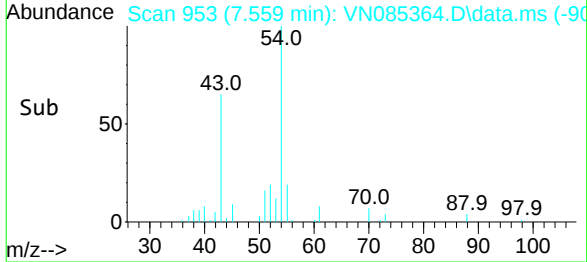
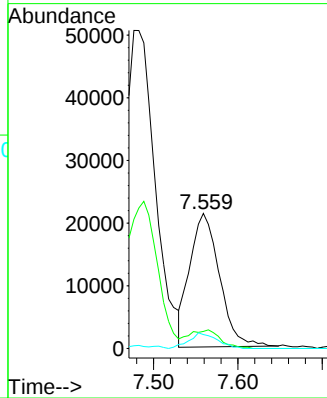
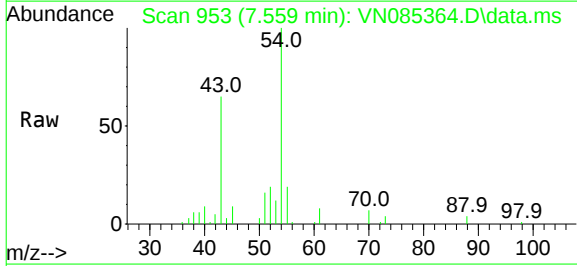
#37
Ethyl Acetate
Concen: 21.882 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:	43	Resp:	52192
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	10.9	8.2	12.2

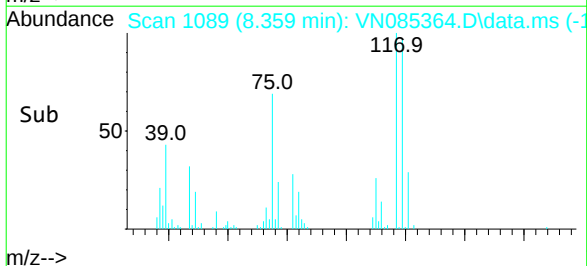
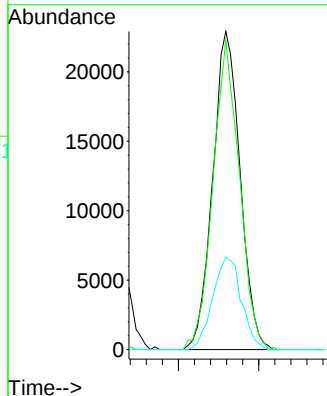
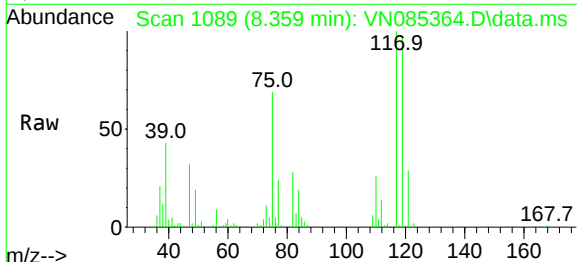
Manual Integrations
APPROVED

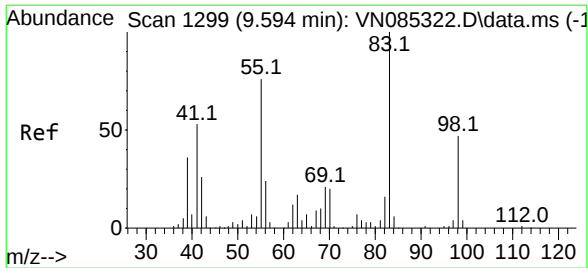
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#38
Carbon Tetrachloride
Concen: 20.730 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

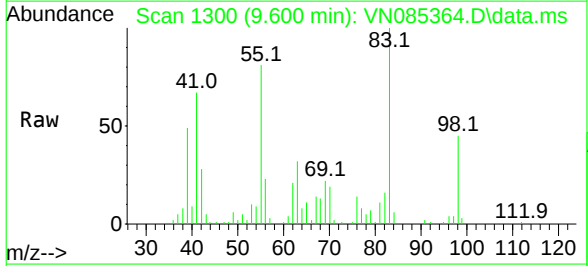
Tgt Ion:	117	Resp:	54221
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.8	116.6
121	29.1	22.5	33.7





#39
Methylcyclohexane
Concen: 18.794 ug/l
RT: 9.600 min Scan# 131
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

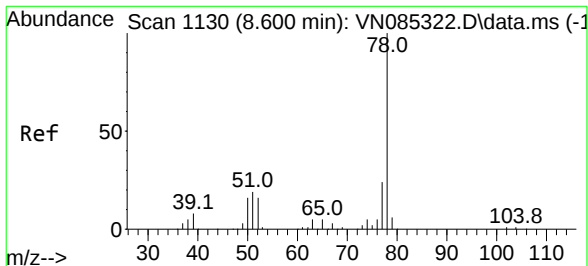
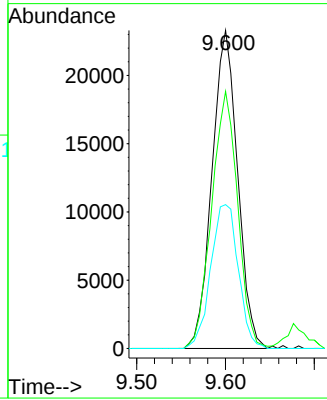
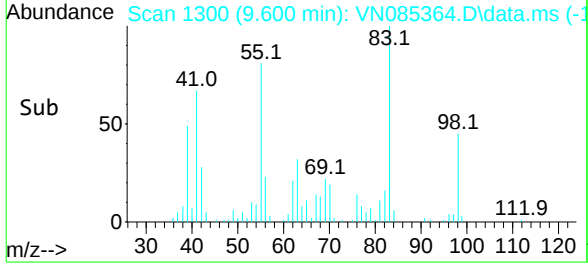
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



Tgt Ion: 83 Resp: 46792
Ion Ratio Lower Upper
83 100
55 80.8 60.7 91.1
98 45.2 37.7 56.5

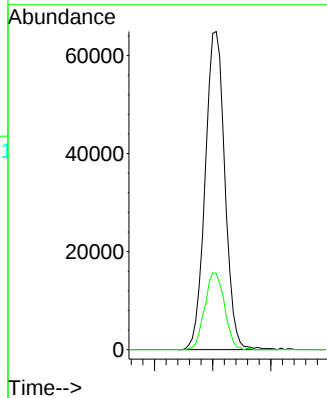
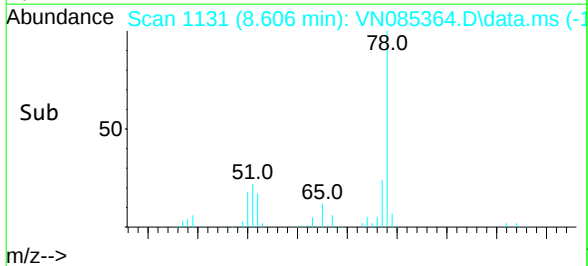
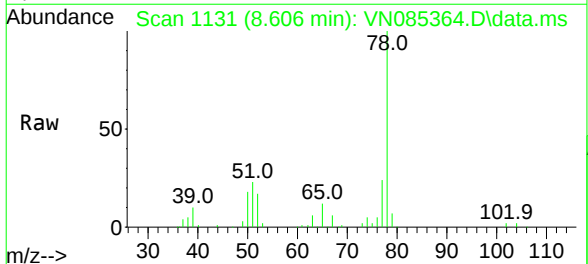
Manual Integrations
APPROVED

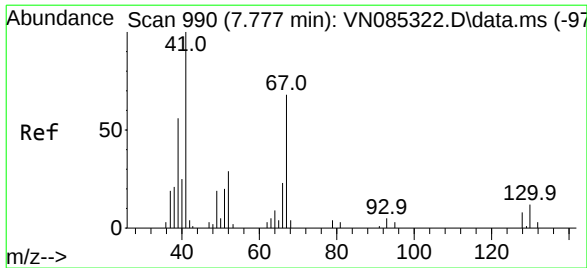
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#40
Benzene
Concen: 21.016 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 78 Resp: 152479
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





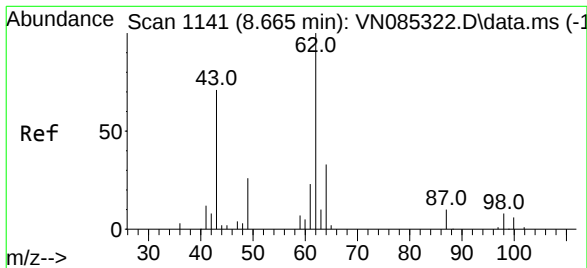
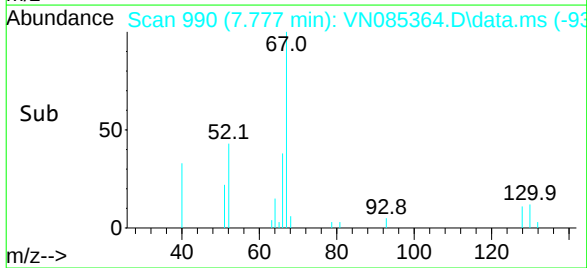
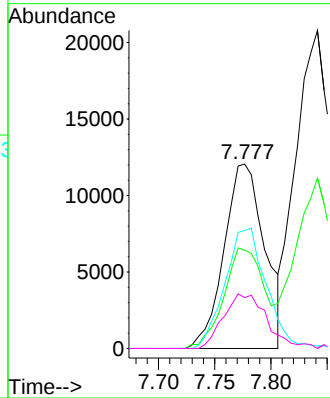
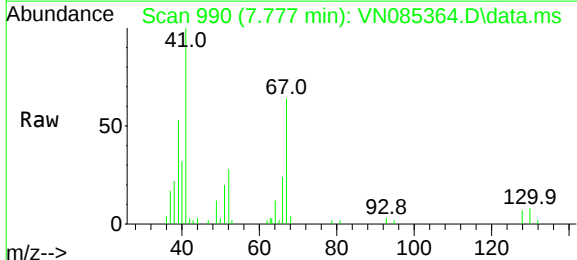
#41
Methacrylonitrile
Concen: 24.759 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:	41	Resp:	30244
Ion	Ratio	Lower	Upper
41	100		
39	52.5	45.8	68.8
67	66.5	57.1	85.7
52	31.9	25.1	37.7

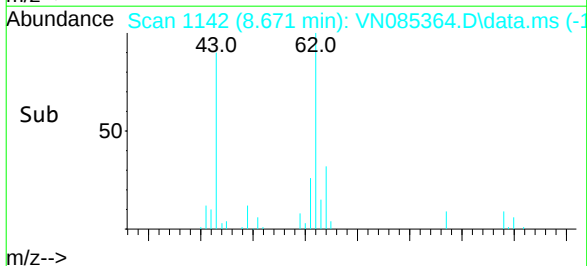
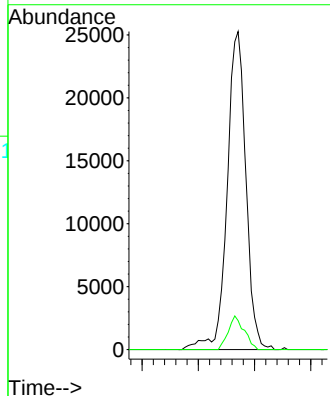
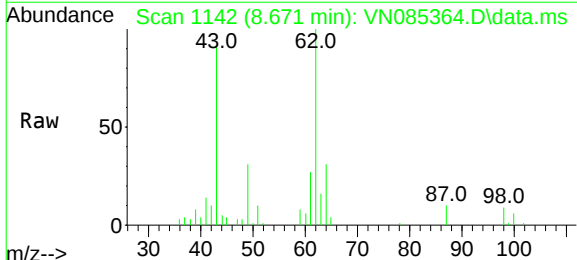
Manual Integrations
APPROVED

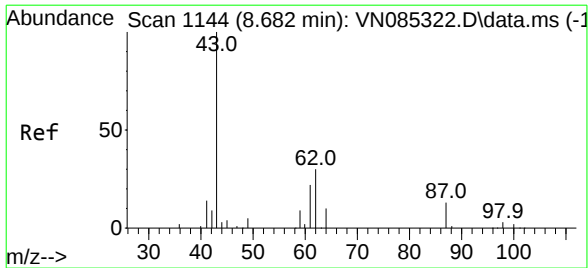
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#42
1,2-Dichloroethane
Concen: 22.468 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:	62	Resp:	58445
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6





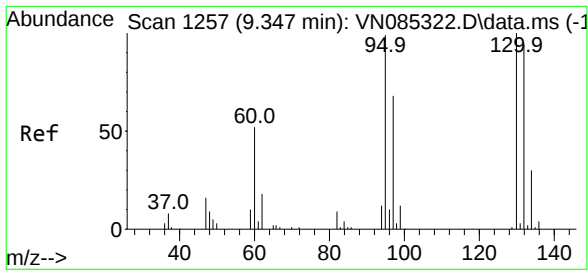
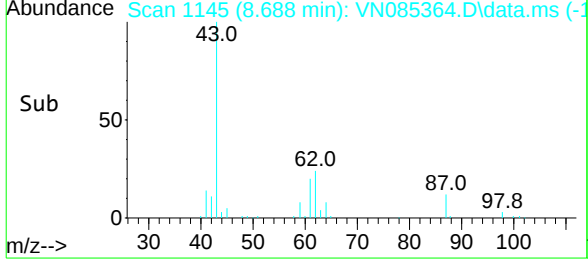
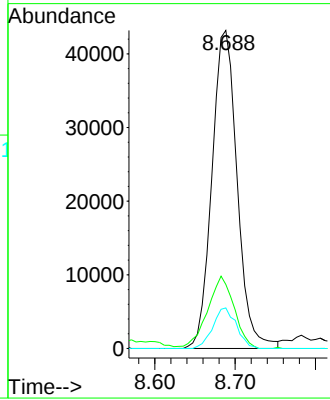
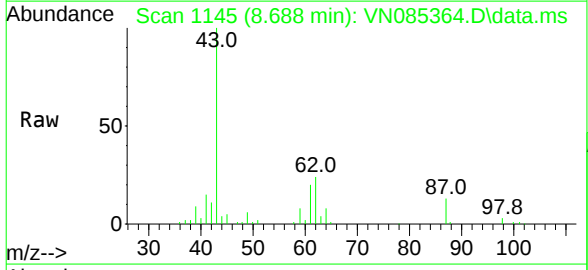
#43
Isopropyl Acetate
Concen: 24.059 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:	43	Resp:	94489
Ion	Ratio	Lower	Upper
43	100		
61	24.0	20.8	31.2
87	11.9	10.2	15.4

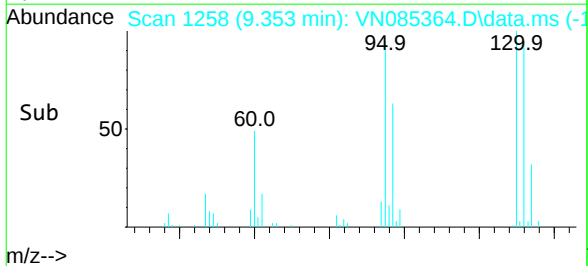
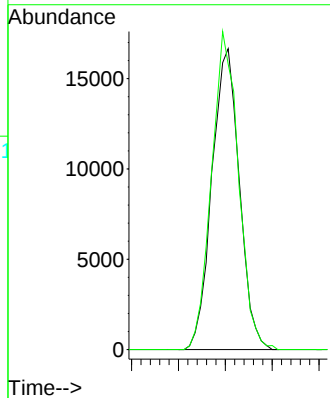
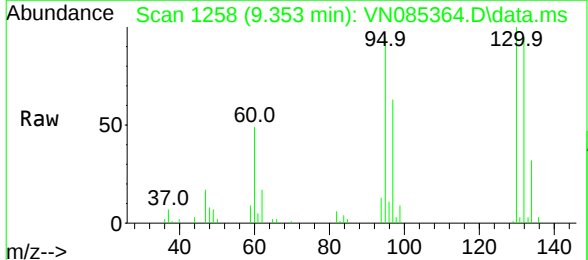
Manual Integrations
APPROVED

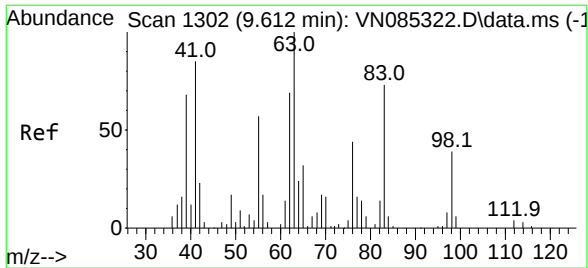
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#44
Trichloroethene
Concen: 19.727 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:	130	Resp:	33886
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	197.8





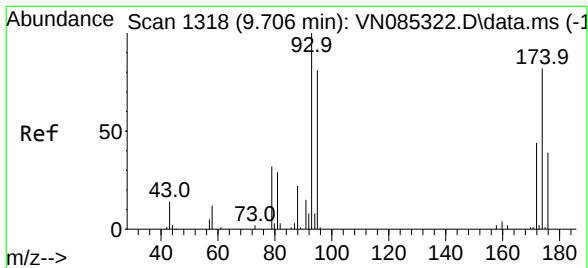
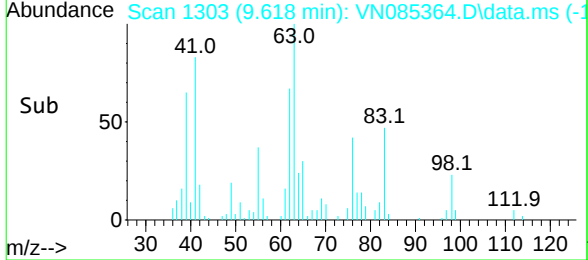
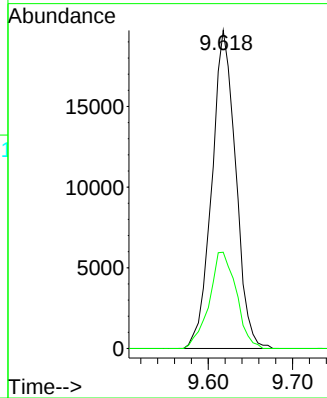
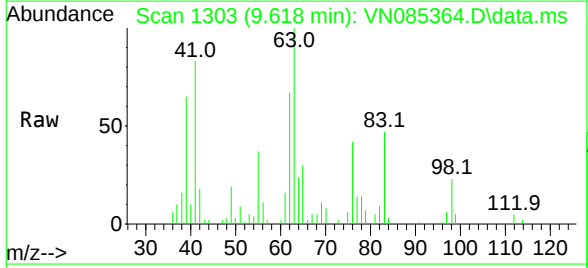
#45
1,2-Dichloropropane
Concen: 21.074 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 63 Resp: 38813
Ion Ratio Lower Upper
63 100
65 30.3 25.5 38.3

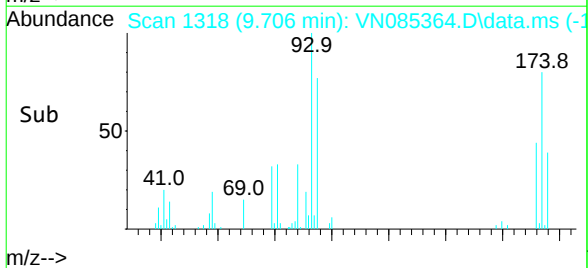
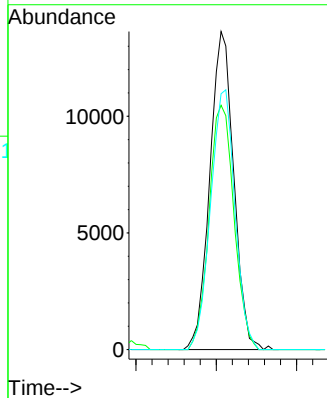
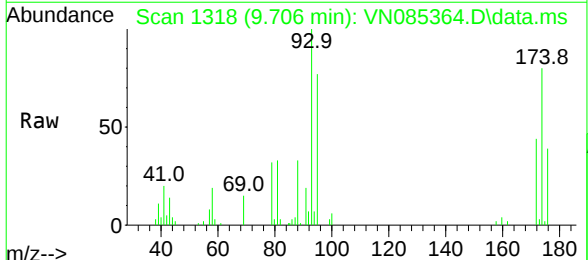
Manual Integrations
APPROVED

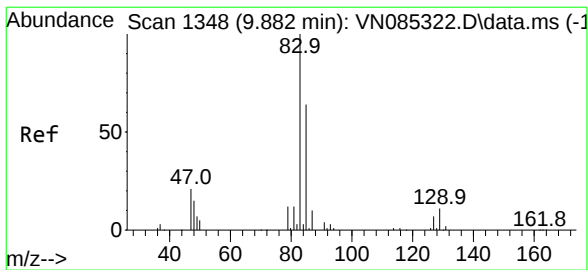
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#46
Dibromomethane
Concen: 22.039 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

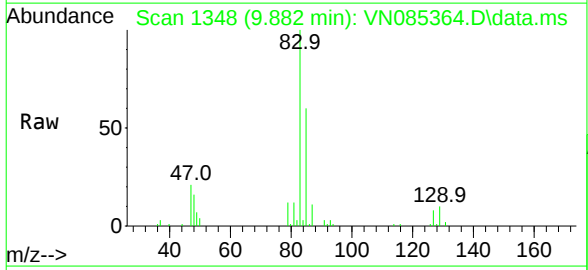
Tgt Ion: 93 Resp: 28230
Ion Ratio Lower Upper
93 100
95 80.0 65.3 97.9
174 83.0 66.4 99.6





#47
 Bromodichloromethane
 Concen: 21.866 ug/l
 RT: 9.882 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085364.D
 Acq: 31 Dec 2024 11:18

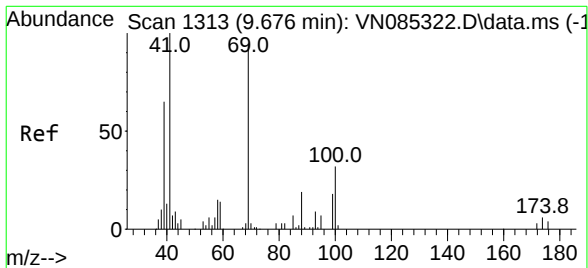
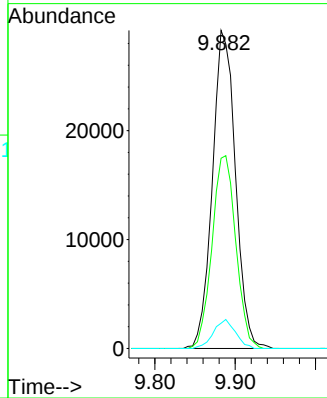
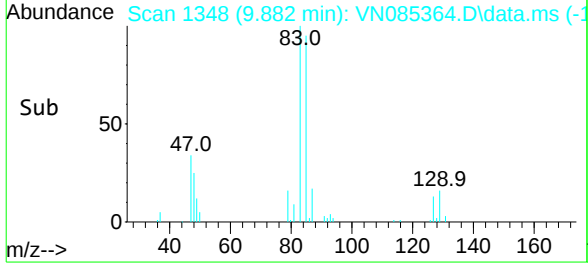
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBS01



Tgt Ion:	83	Resp:	58213
Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.0	76.4
127	7.9	5.8	8.6

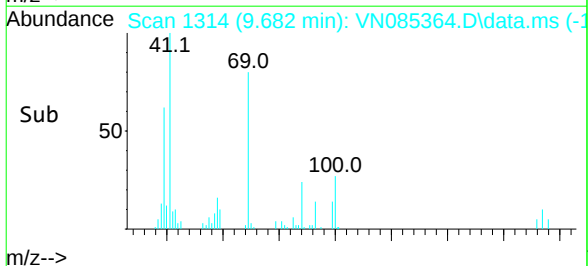
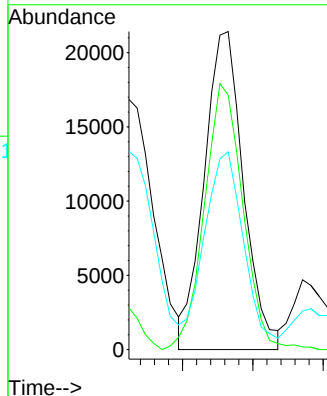
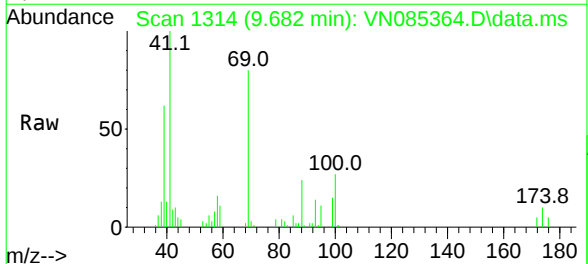
Manual Integrations
 APPROVED

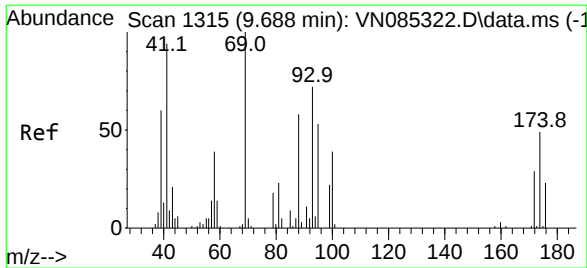
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#48
 Methyl methacrylate
 Concen: 24.347 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN085364.D
 Acq: 31 Dec 2024 11:18

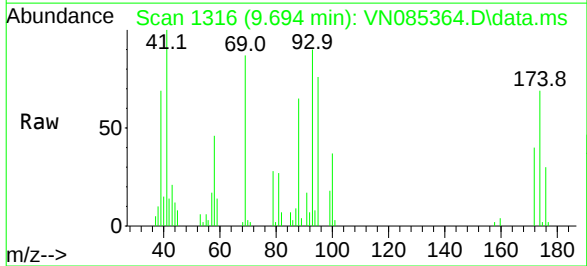
Tgt Ion:	41	Resp:	41491
Ion	Ratio	Lower	Upper
41	100		
69	82.0	67.7	101.5
39	63.2	51.2	76.8





#49
1,4-Dioxane
Concen: 529.602 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

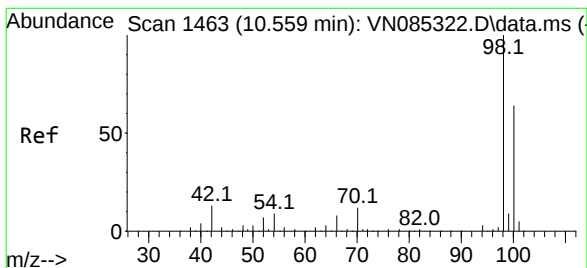
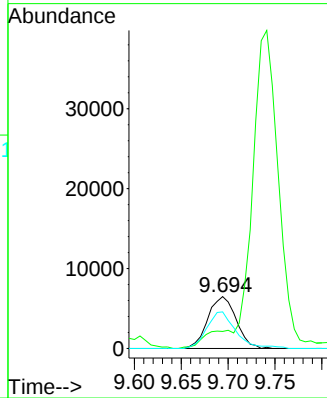
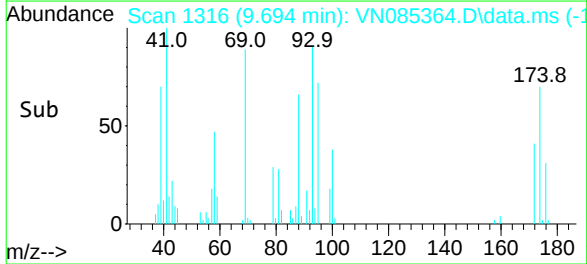
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



Tgt Ion: 88 Resp: 13617
Ion Ratio Lower Upper
88 100
43 26.2 22.1 33.1
58 72.6 56.7 85.1

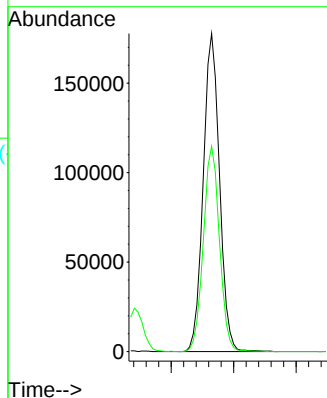
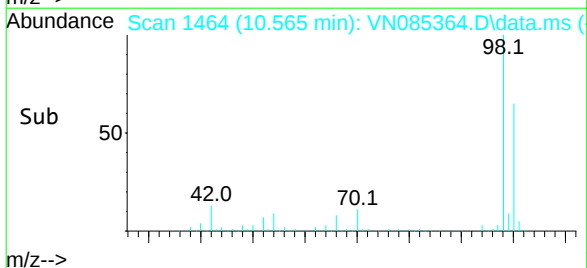
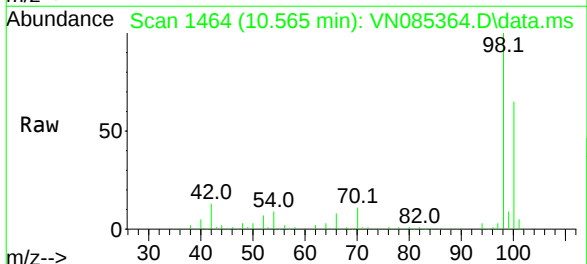
Manual Integrations
APPROVED

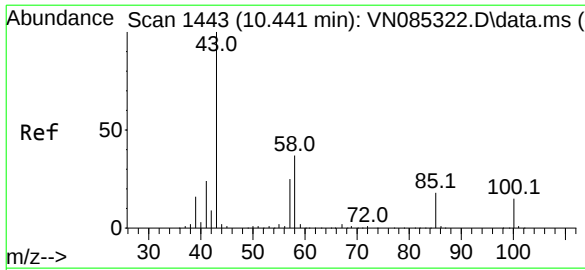
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#50
Toluene-d8
Concen: 53.491 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 98 Resp: 321708
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3





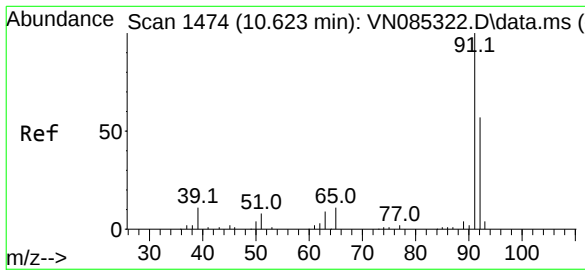
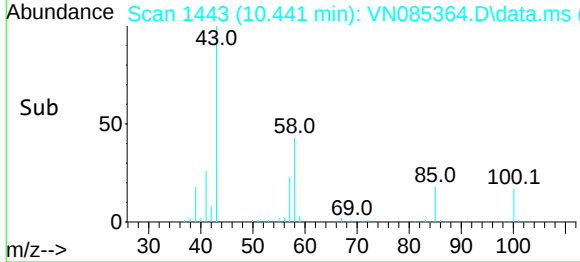
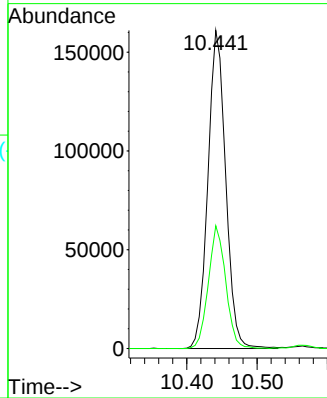
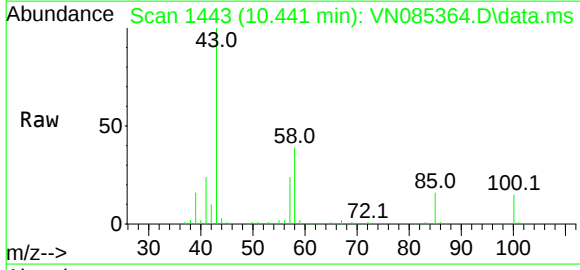
#51
4-Methyl-2-Pentanone
Concen: 128.202 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 43 Resp: 282948
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5

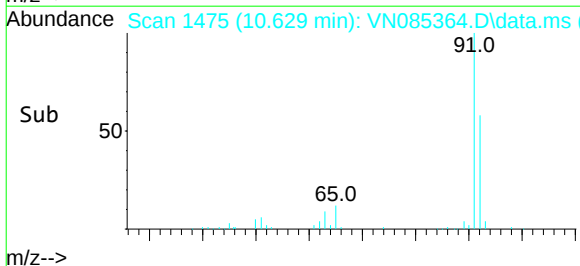
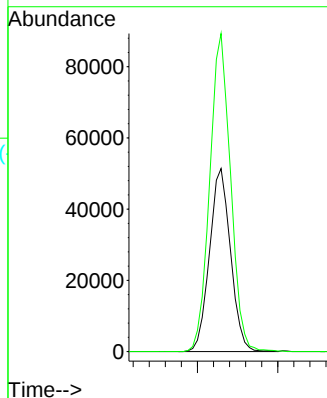
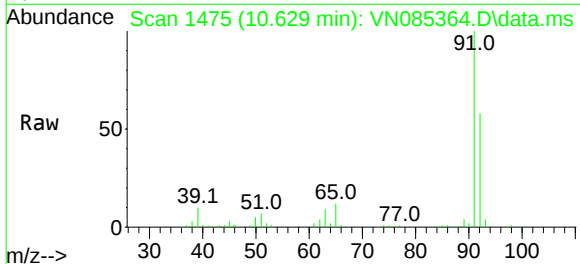
Manual Integrations
APPROVED

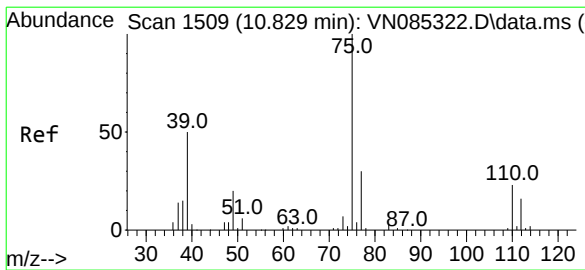
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#52
Toluene
Concen: 21.652 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

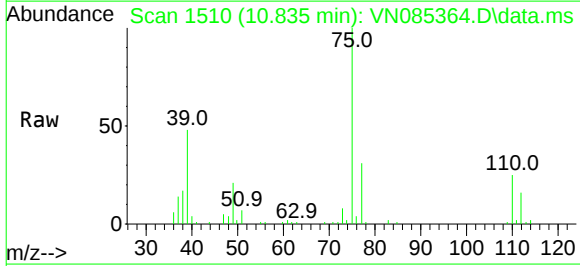
Tgt Ion: 92 Resp: 93535
Ion Ratio Lower Upper
92 100
91 172.0 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 20.410 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

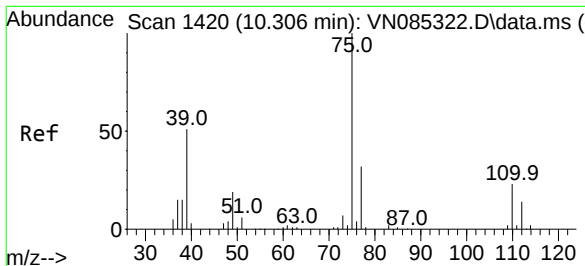
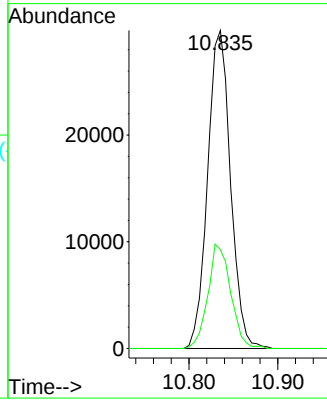
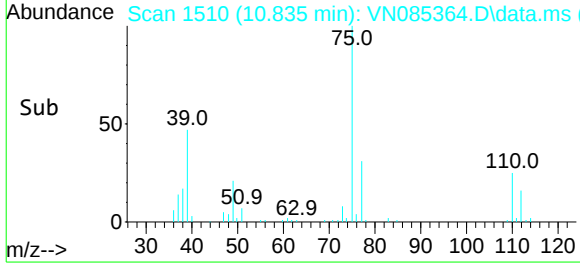
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



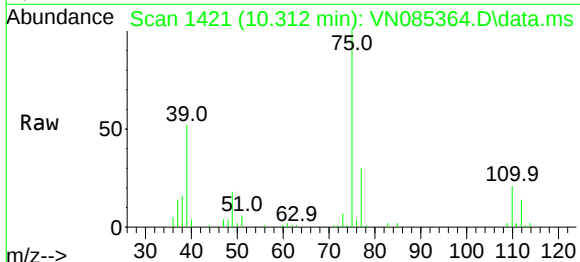
Tgt Ion: 75 Resp: 53435
Ion Ratio Lower Upper
75 100
77 31.0 23.8 35.6

Manual Integrations
APPROVED

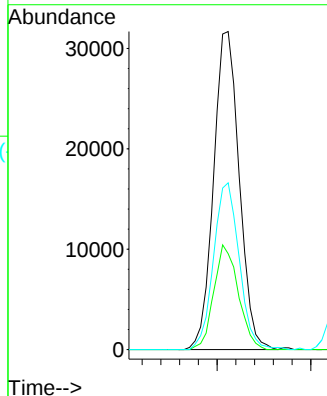
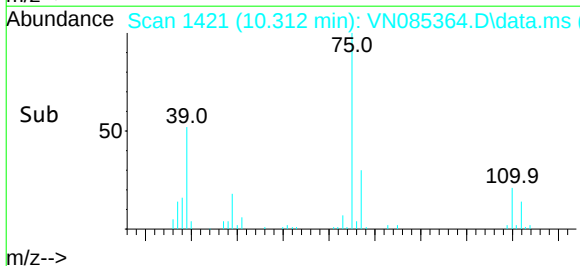
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

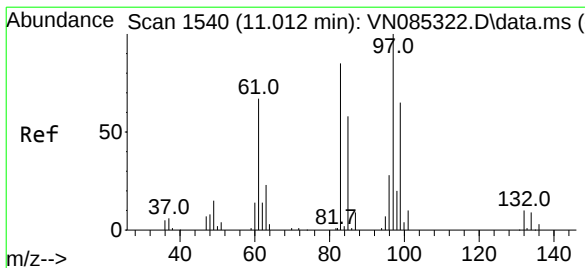


#54
cis-1,3-Dichloropropene
Concen: 21.246 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18



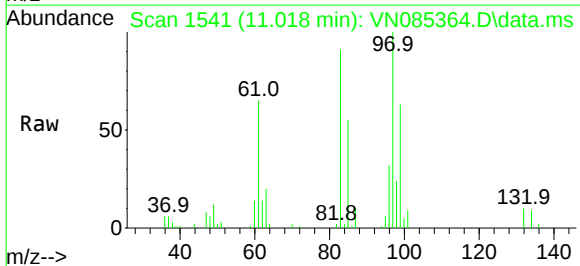
Tgt Ion: 75 Resp: 60148
Ion Ratio Lower Upper
75 100
77 30.1 25.5 38.3
39 52.4 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 22.163 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

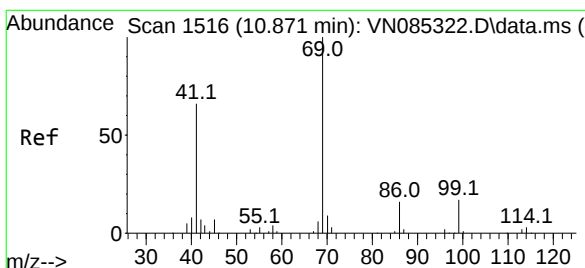
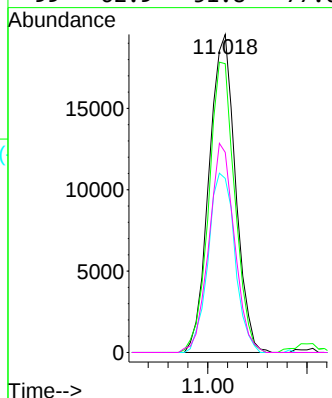
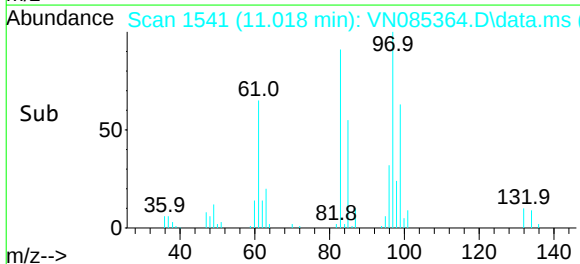
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



Tgt Ion:	97	Resp:	36148
Ion	Ratio	Lower	Upper
97	100		
83	90.8	67.7	101.5
85	54.7	46.2	69.4
99	62.9	51.8	77.6

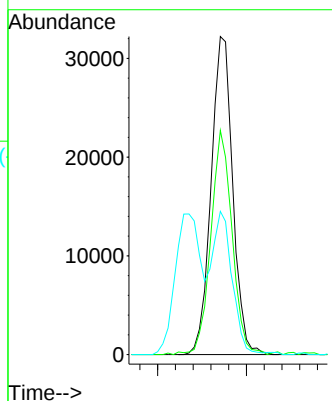
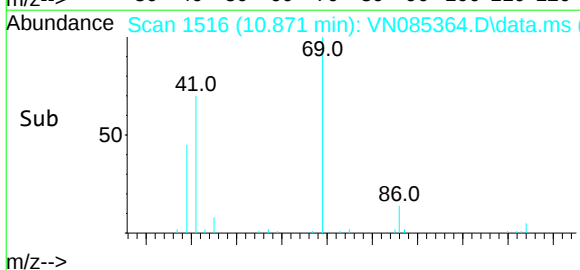
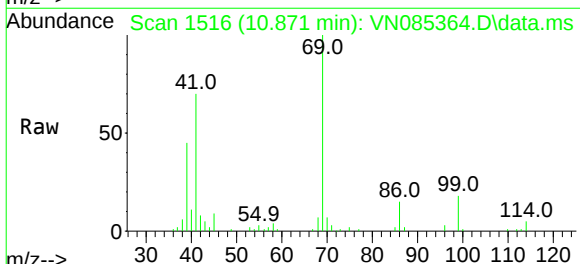
Manual Integrations
APPROVED

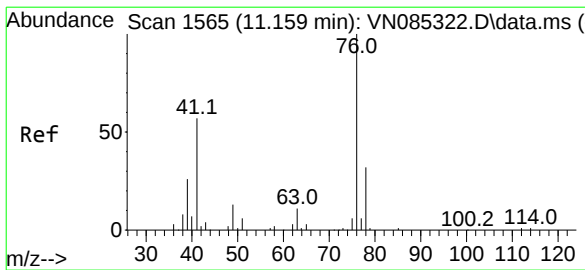
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#56
Ethyl methacrylate
Concen: 22.957 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

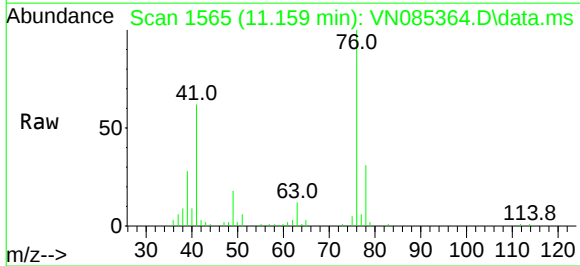
Tgt Ion:	69	Resp:	54533
Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.3	81.5
39	41.6	32.0	48.0





#57
1,3-Dichloropropane
Concen: 22.606 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

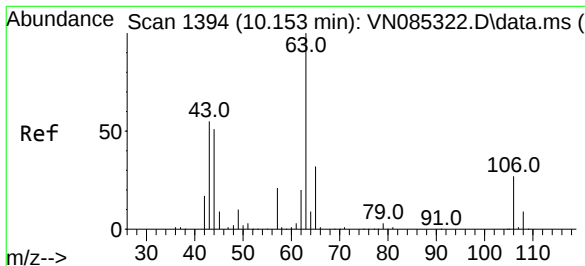
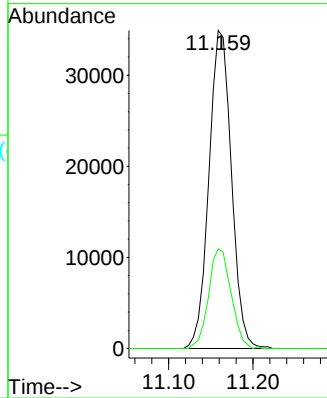
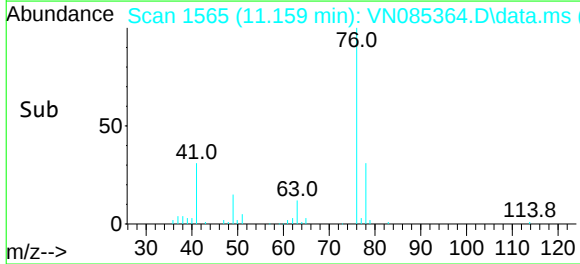
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



Tgt Ion: 76 Resp: 64713
Ion Ratio Lower Upper
76 100
78 31.3 25.5 38.3

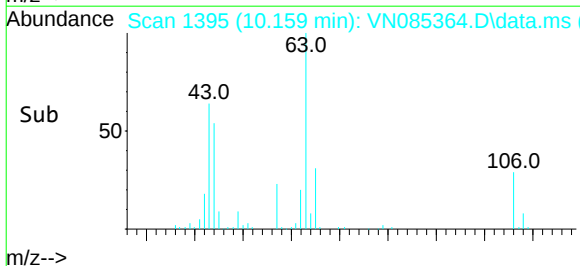
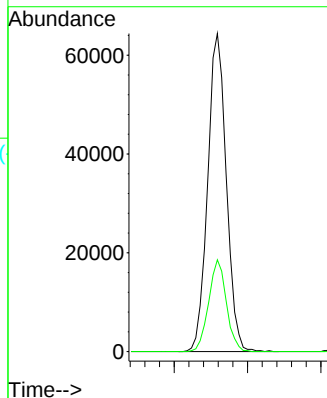
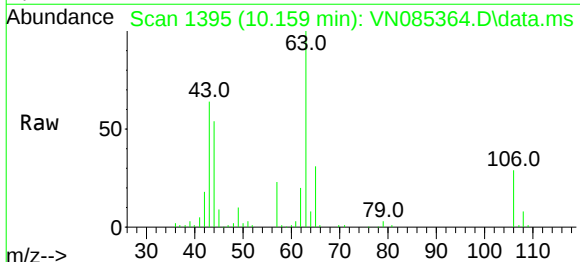
Manual Integrations
APPROVED

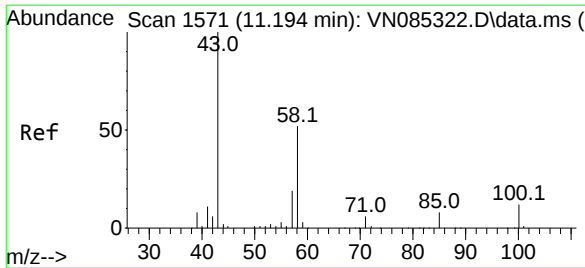
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#58
2-Chloroethyl Vinyl ether
Concen: 98.819 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 63 Resp: 113570
Ion Ratio Lower Upper
63 100
106 27.4 22.1 33.1





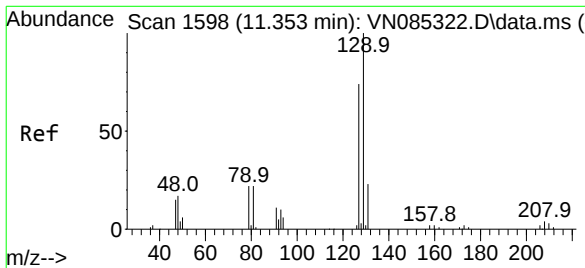
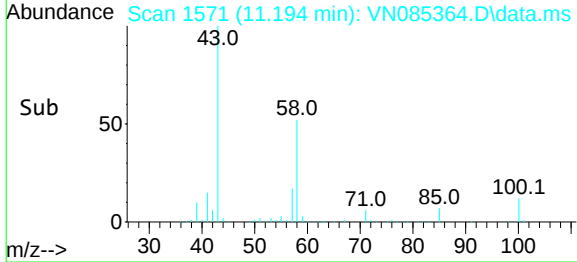
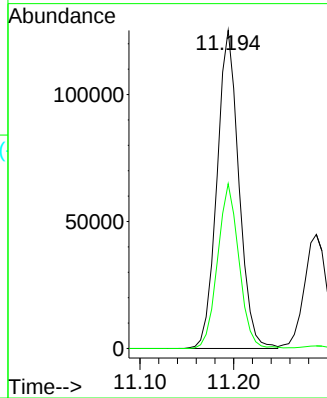
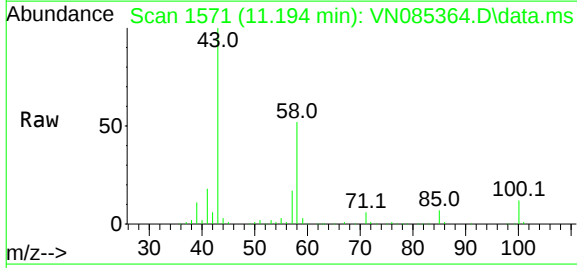
#59
2-Hexanone
Concen: 133.057 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 43 Resp: 203745
Ion Ratio Lower Upper
43 100
58 50.5 26.5 79.5

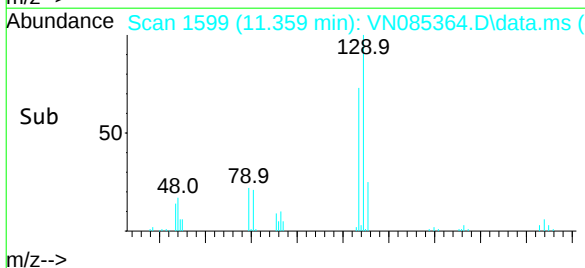
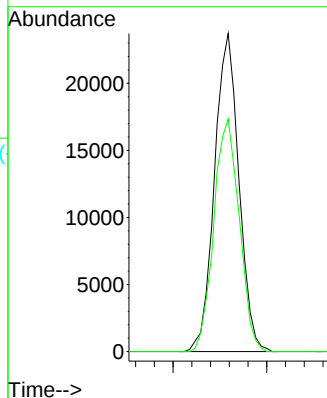
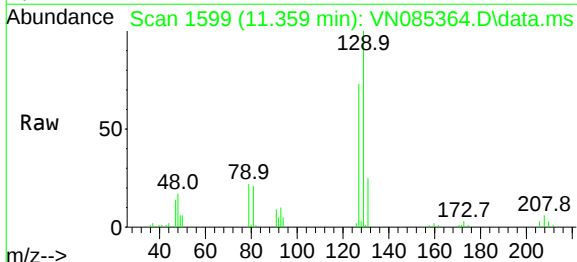
Manual Integrations
APPROVED

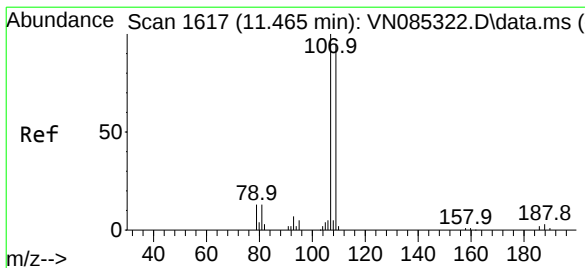
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#60
Dibromochloromethane
Concen: 23.307 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:129 Resp: 42817
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9





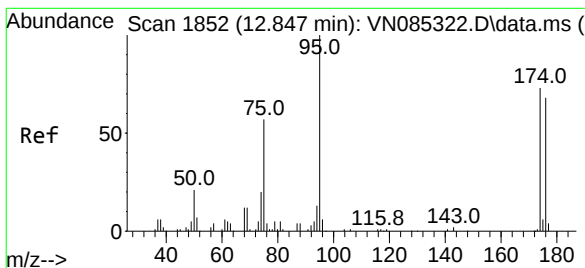
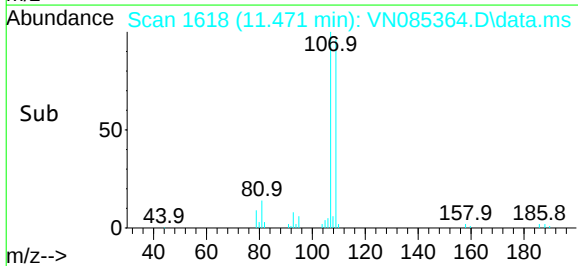
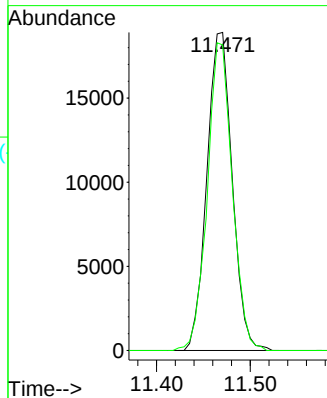
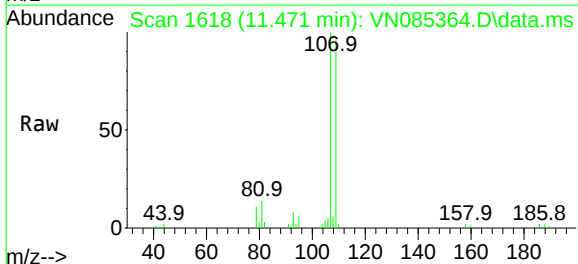
#61
1,2-Dibromoethane
Concen: 22.016 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 107 Resp: 35525
Ion Ratio Lower Upper
107 100
109 95.4 74.9 112.3

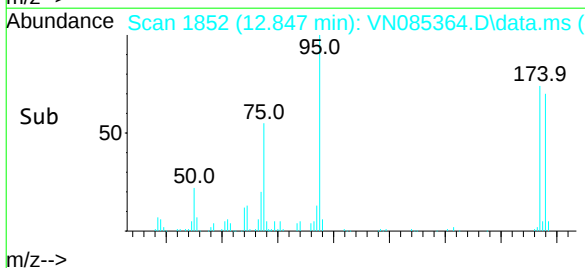
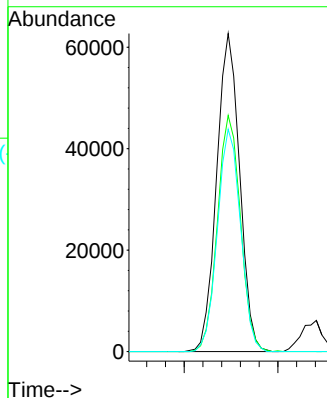
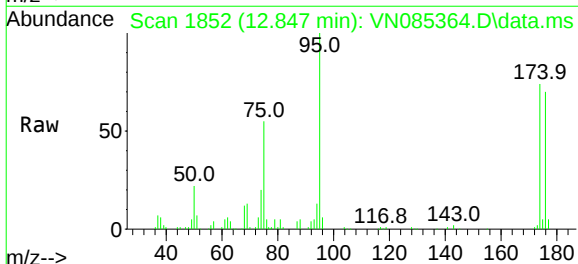
Manual Integrations
APPROVED

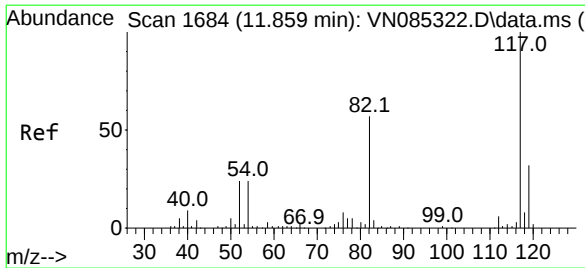
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025



#62
4-Bromofluorobenzene
Concen: 53.614 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 95 Resp: 107086
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.2
176 70.3 0.0 135.8





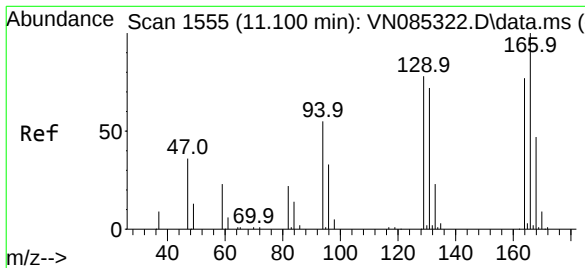
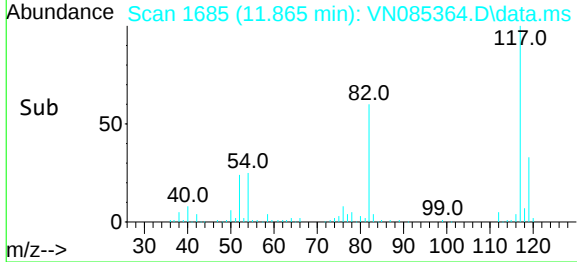
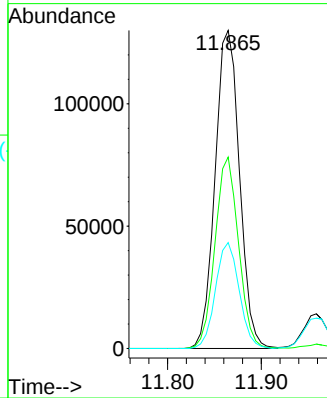
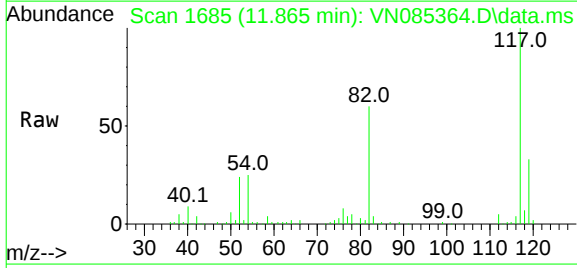
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:117 Resp: 235312
Ion Ratio Lower Upper
117 100
82 60.2 45.7 68.5
119 33.3 25.8 38.8

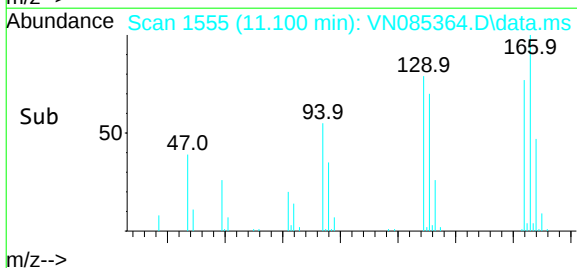
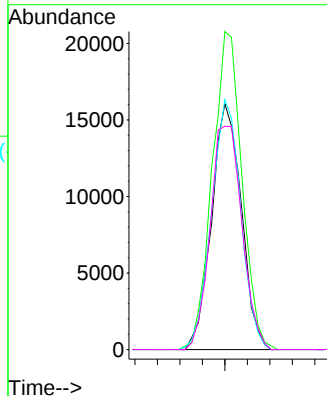
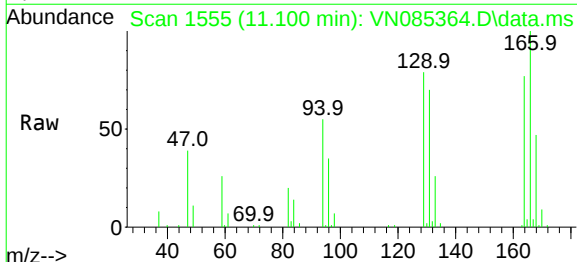
Manual Integrations
APPROVED

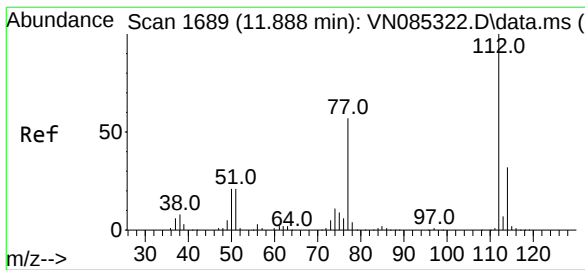
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#64
Tetrachloroethene
Concen: 19.729 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:164 Resp: 29417
Ion Ratio Lower Upper
164 100
166 129.5 104.0 156.0
129 101.7 81.3 121.9
131 90.9 75.0 112.6





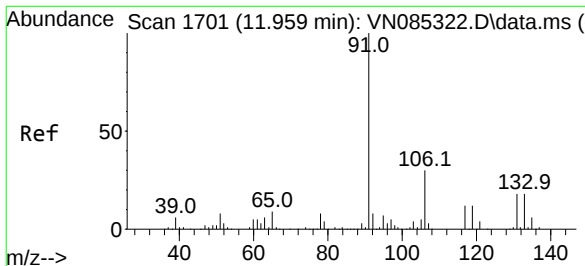
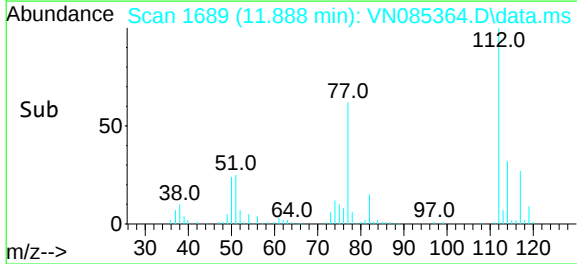
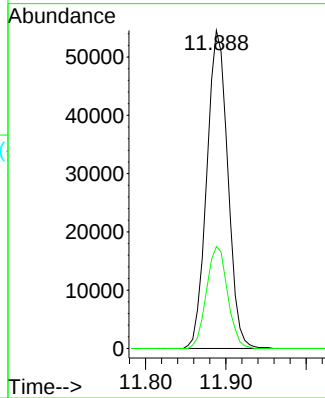
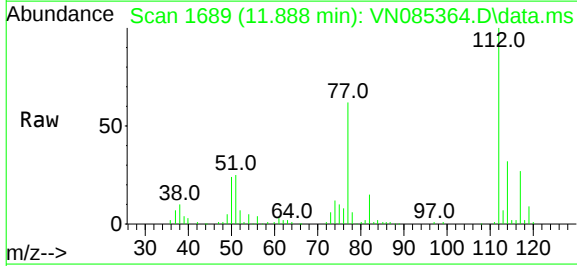
#65
Chlorobenzene
Concen: 19.476 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:112 Resp: 99037
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8

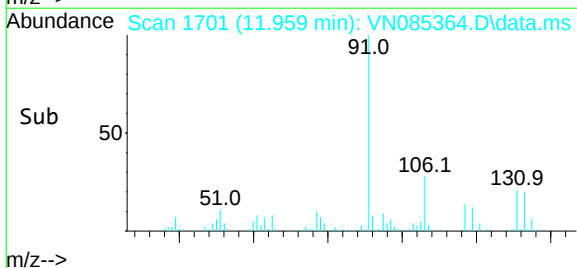
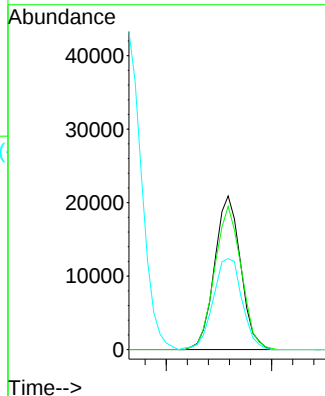
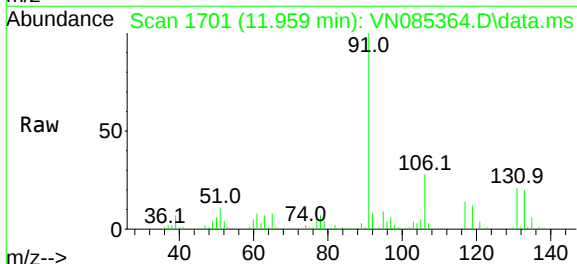
Manual Integrations
APPROVED

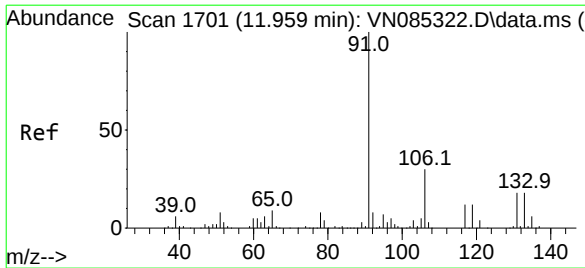
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.044 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:131 Resp: 35915
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.9
119 65.6 33.4 100.1





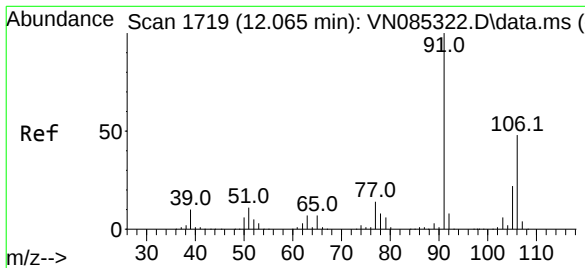
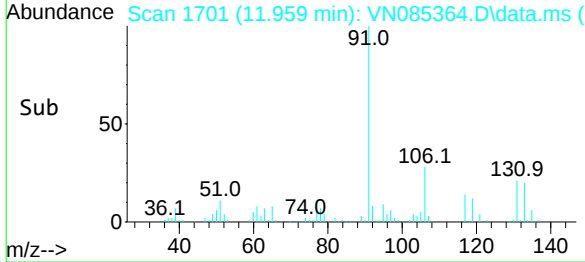
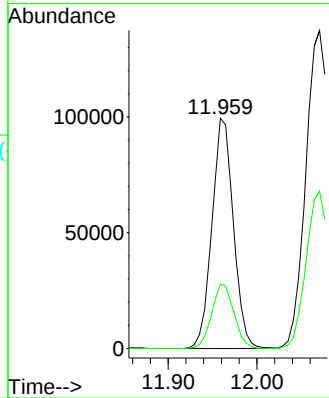
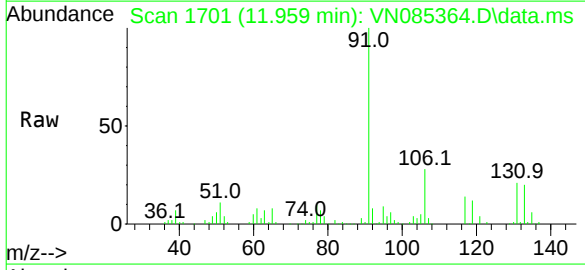
#67
Ethyl Benzene
Concen: 19.723 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 91 Resp: 166793
Ion Ratio Lower Upper
91 100
106 27.9 24.0 36.0

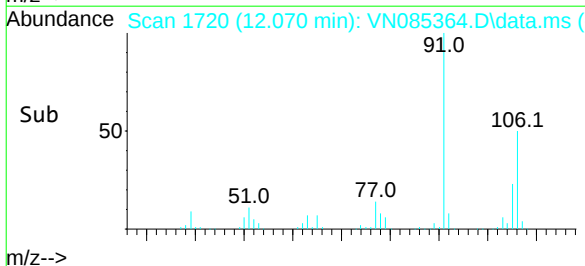
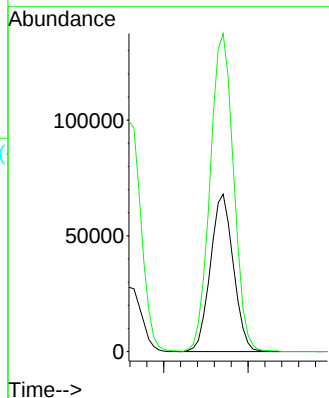
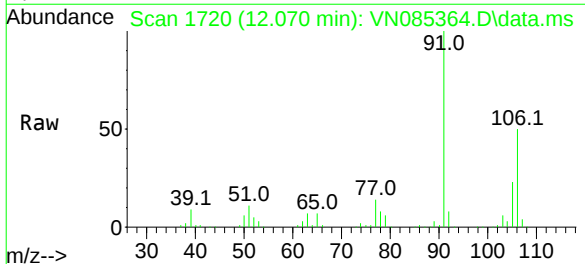
Manual Integrations
APPROVED

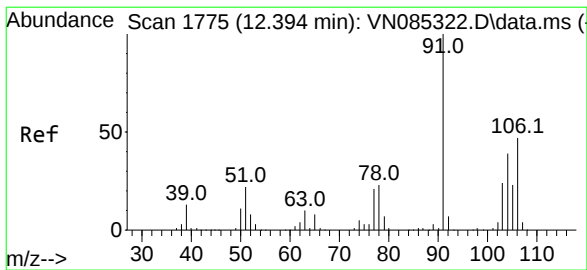
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#68
m/p-Xylenes
Concen: 41.545 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:106 Resp: 128574
Ion Ratio Lower Upper
106 100
91 207.1 165.2 247.8





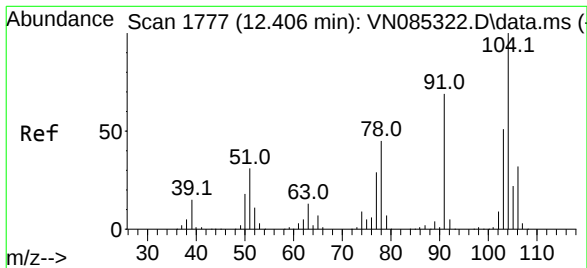
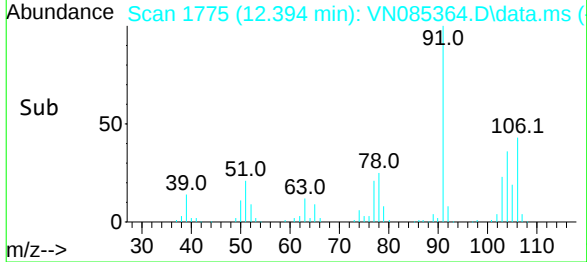
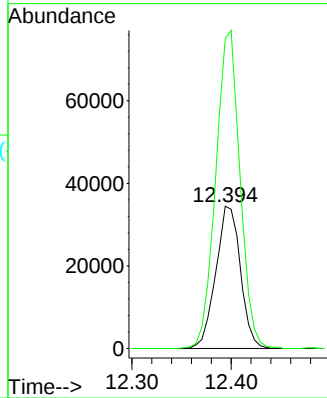
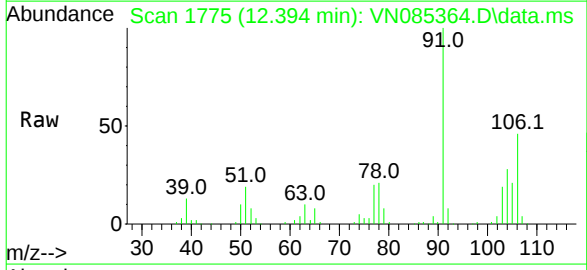
#69
o-Xylene
Concen: 19.837 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:106 Resp: 59389
Ion Ratio Lower Upper
106 100
91 220.3 107.3 321.8

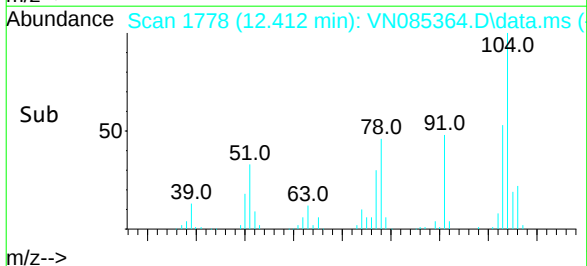
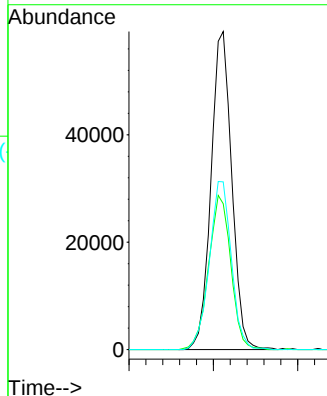
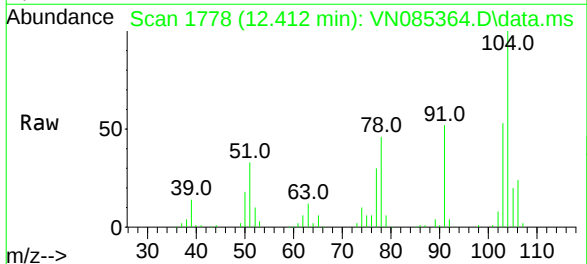
Manual Integrations
APPROVED

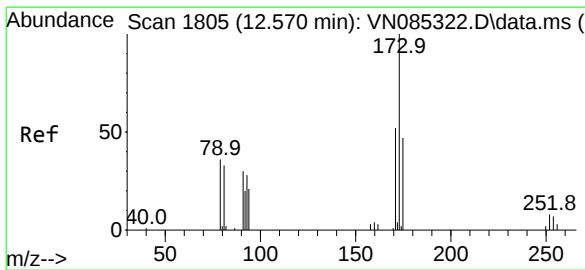
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#70
Styrene
Concen: 20.873 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

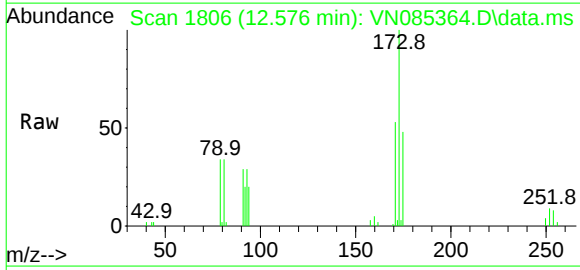
Tgt Ion:104 Resp: 101278
Ion Ratio Lower Upper
104 100
78 51.9 40.7 61.1
103 56.0 44.1 66.1





#71
Bromoform
Concen: 22.352 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

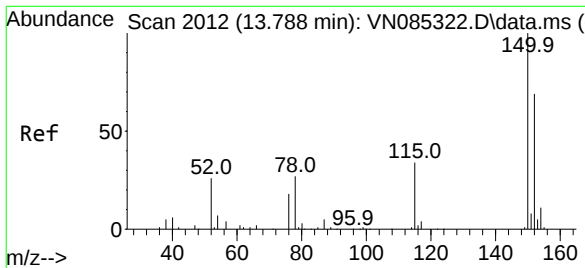
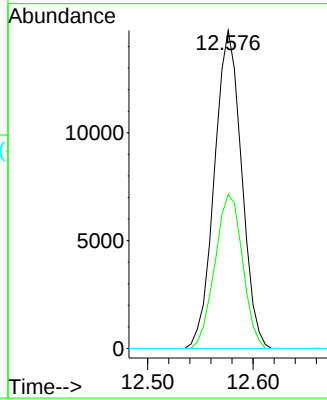
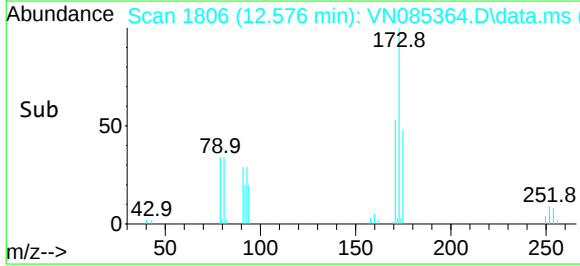
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



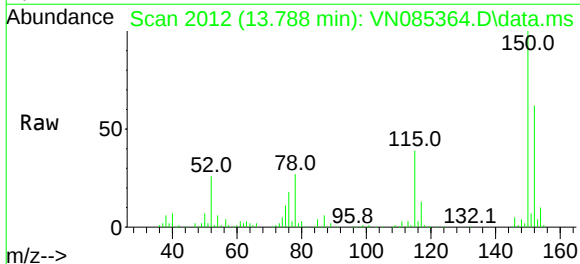
Tgt Ion:173 Resp: 26421
Ion Ratio Lower Upper
173 100
175 49.3 24.4 73.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

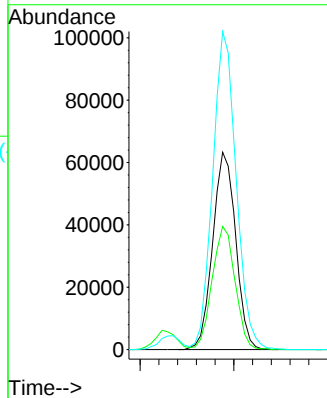
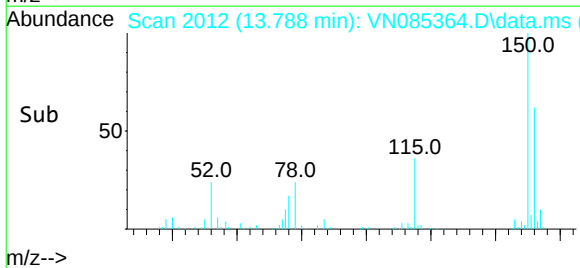
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

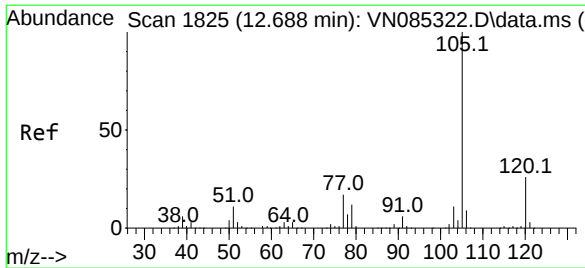


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18



Tgt Ion:152 Resp: 107820
Ion Ratio Lower Upper
152 100
115 62.3 30.4 91.3
150 164.8 0.0 345.0





#73

Isopropylbenzene

Concen: 19.511 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBS01

Tgt Ion: 105 Resp: 151278

Ion Ratio Lower Upper

105 100

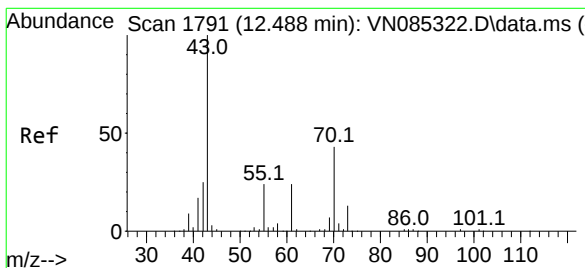
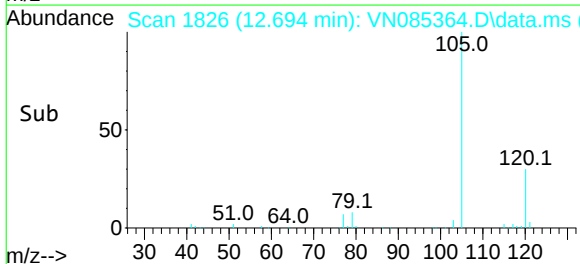
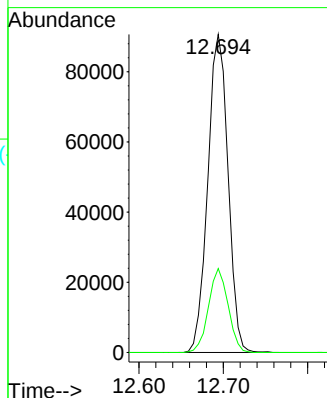
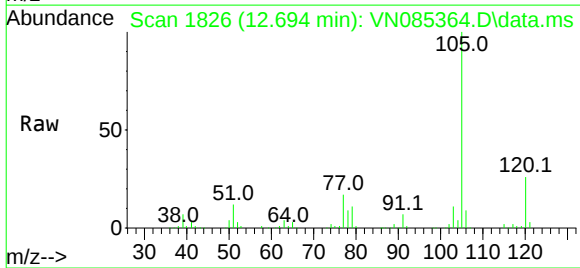
120 25.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#74

N-ethyl acetate

Concen: 22.707 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Tgt Ion: 43 Resp: 75361

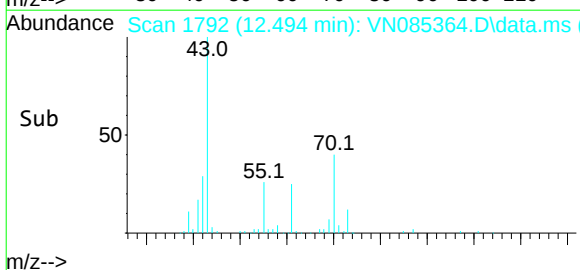
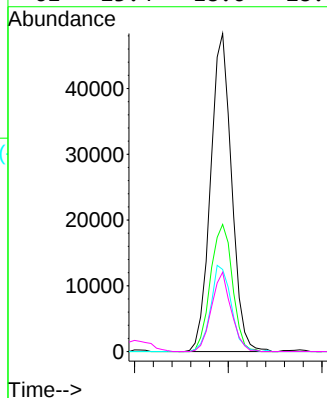
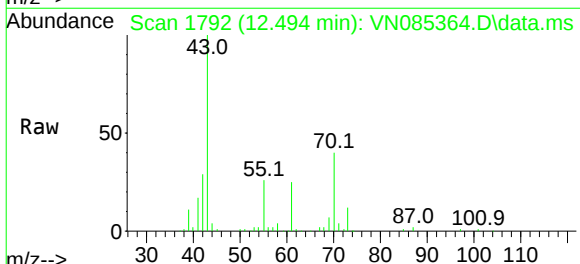
Ion Ratio Lower Upper

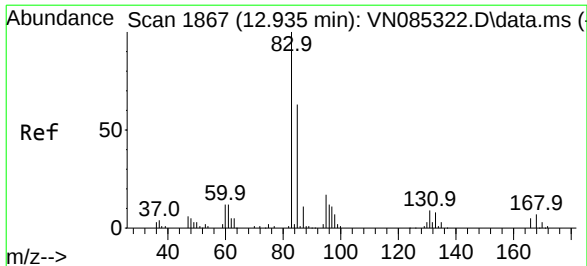
43 100

70 41.6 33.4 50.0

55 26.4 19.2 28.8

61 23.4 18.6 28.0





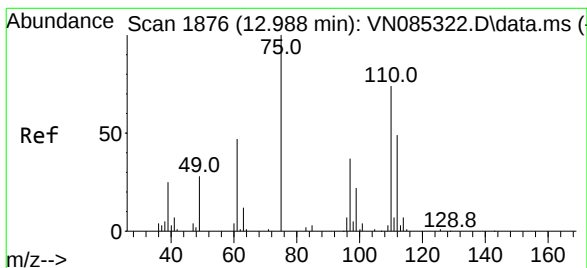
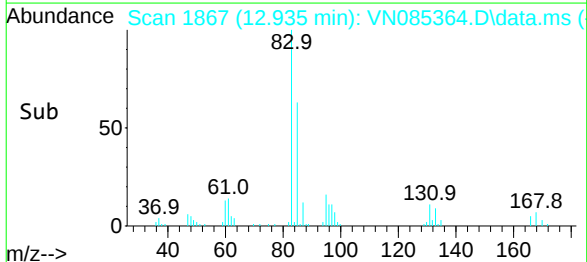
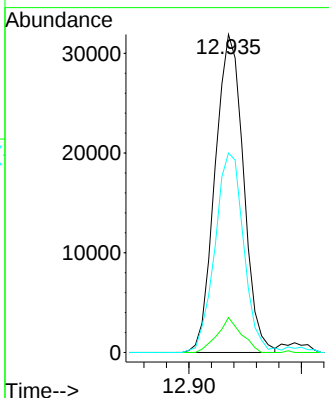
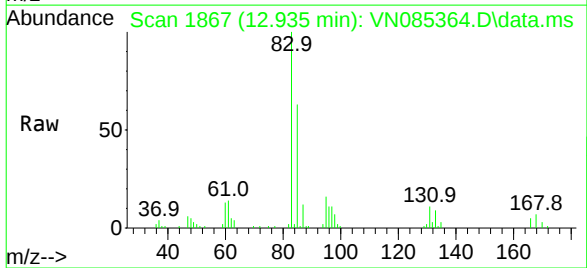
#75
1,1,2,2-Tetrachloroethane
Concen: 22.685 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:	83	Resp:	56019
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.8	14.4
85	63.4	32.6	98.0

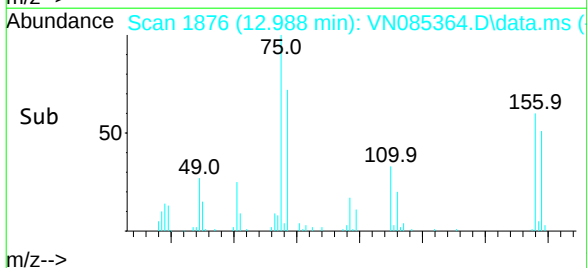
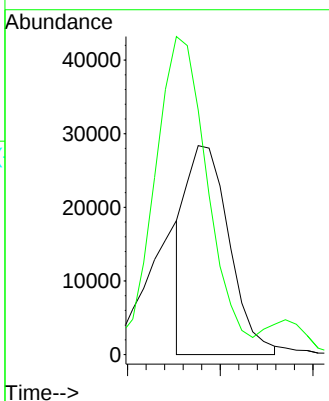
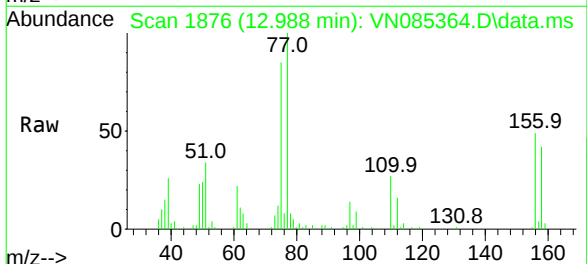
Manual Integrations
APPROVED

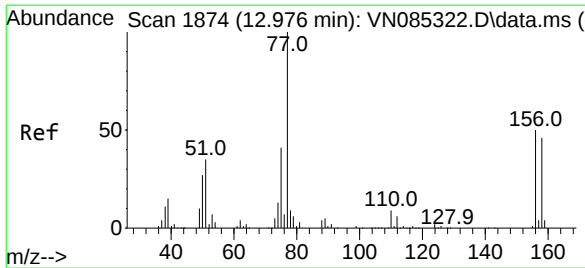
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#76
1,2,3-Trichloropropane
Concen: 22.807 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

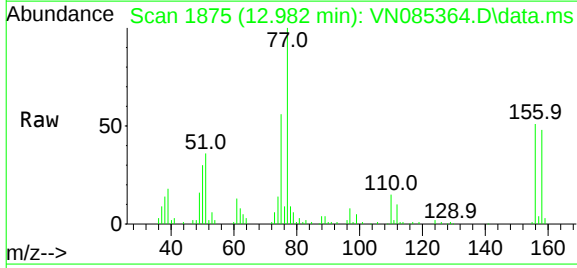
Tgt Ion:	75	Resp:	45920
Ion Ratio	Lower	Upper	
75	100		
77	188.5	98.1	294.3





#77
Bromobenzene
Concen: 19.677 ug/l
RT: 12.982 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

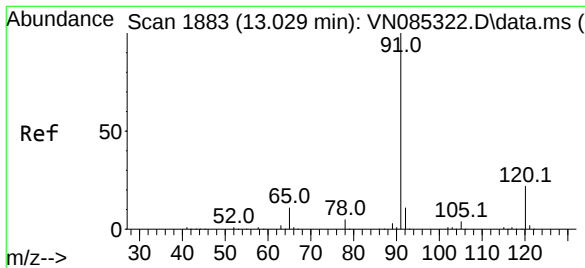
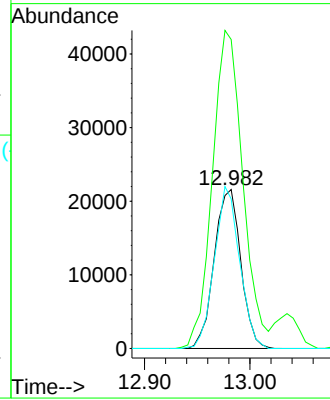
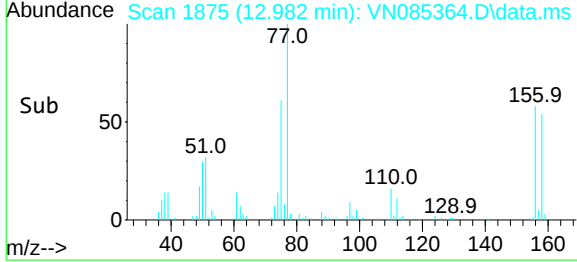
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



Tgt Ion: 156 Resp: 37799
Ion Ratio Lower Upper
156 100
77 229.0 114.0 342.0
158 96.8 47.6 142.8

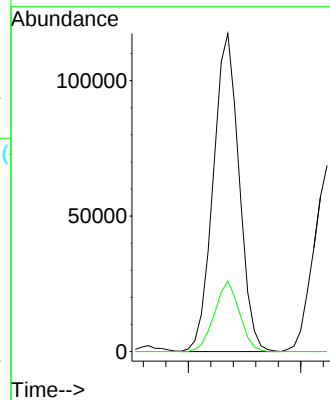
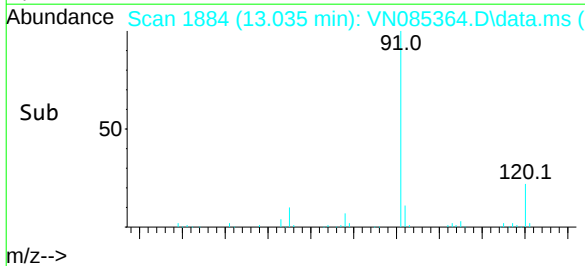
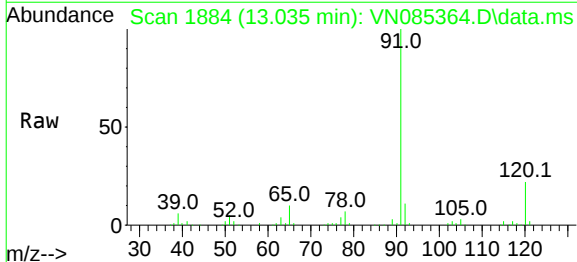
Manual Integrations
APPROVED

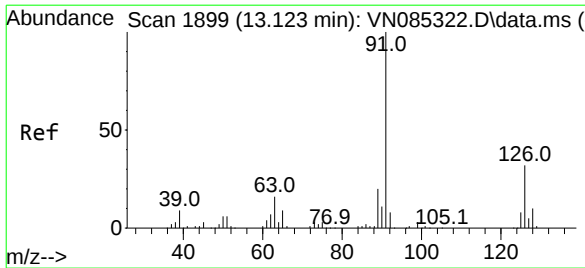
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#78
n-propylbenzene
Concen: 20.686 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 91 Resp: 186961
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.968 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBS01

Tgt Ion: 91 Resp: 113581

Ion Ratio Lower Upper

91 100

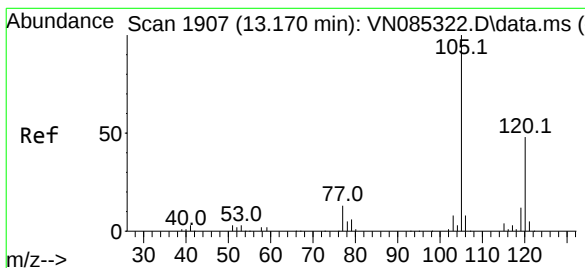
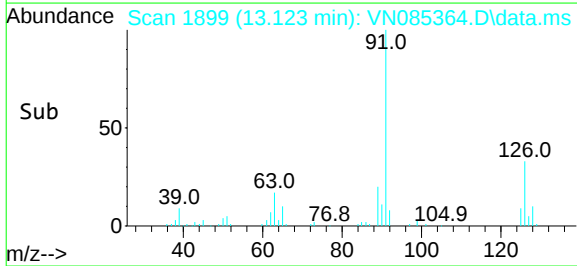
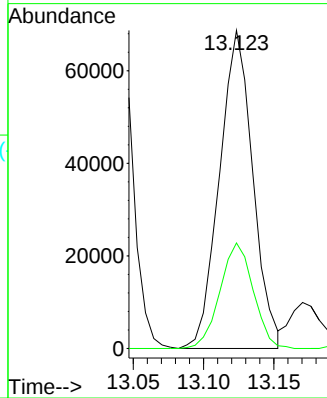
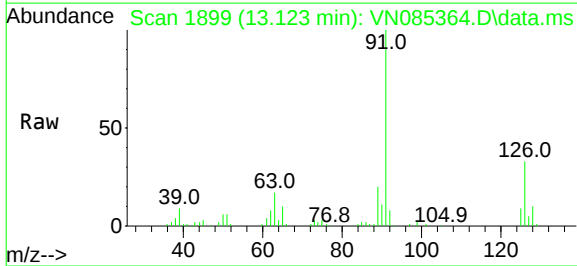
126 32.9 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 20.258 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085364.D

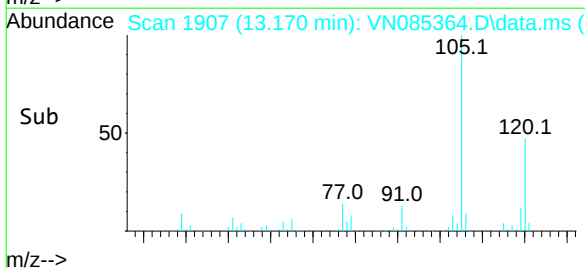
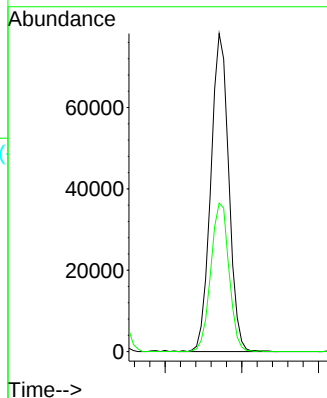
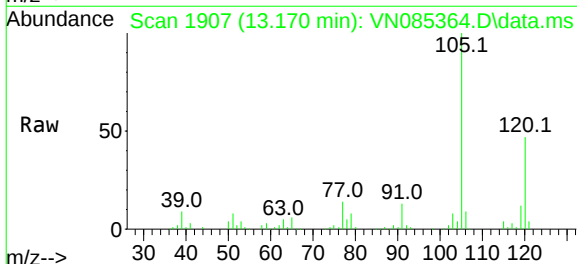
Acq: 31 Dec 2024 11:18

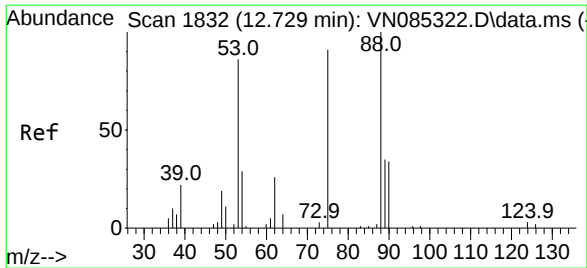
Tgt Ion:105 Resp: 127046

Ion Ratio Lower Upper

105 100

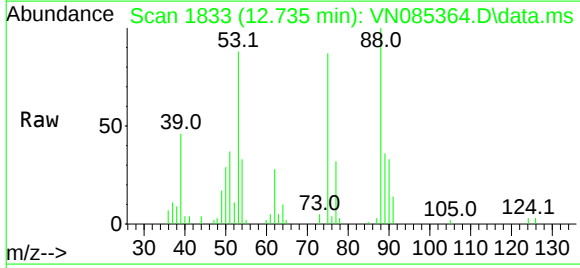
120 47.3 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 21.312 ug/l m
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

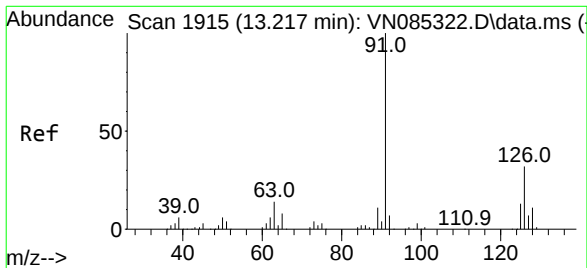
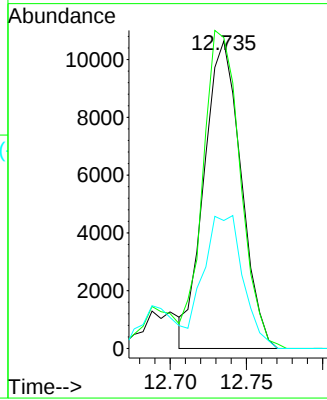
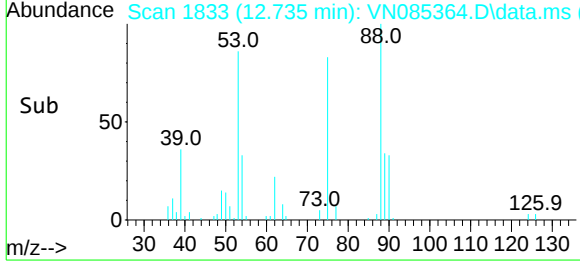
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



Tgt Ion: 75 Resp: 17918
Ion Ratio Lower Upper
75 100
53 104.3 80.0 120.0
89 45.8 35.8 53.8

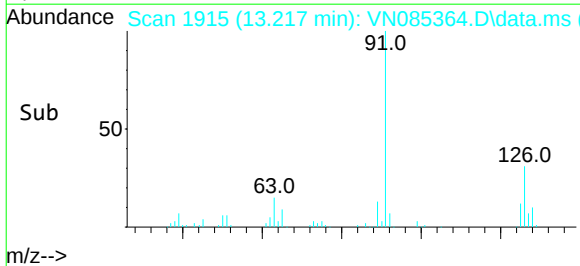
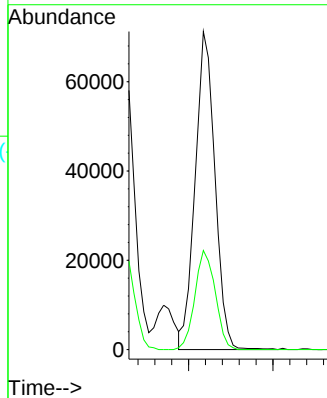
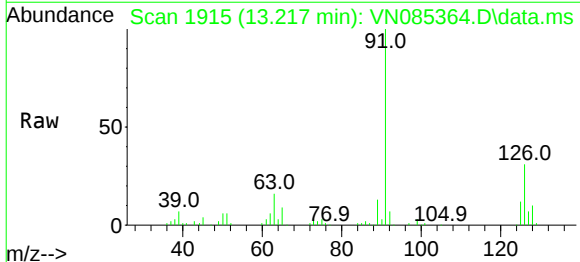
Manual Integrations
APPROVED

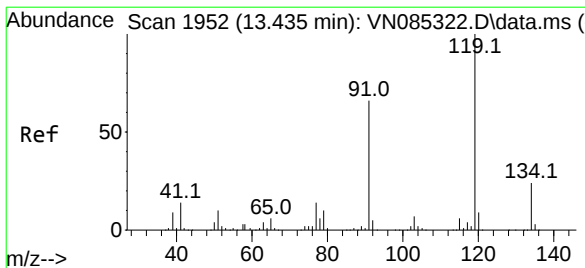
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#82
4-Chlorotoluene
Concen: 20.230 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion: 91 Resp: 115890
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4





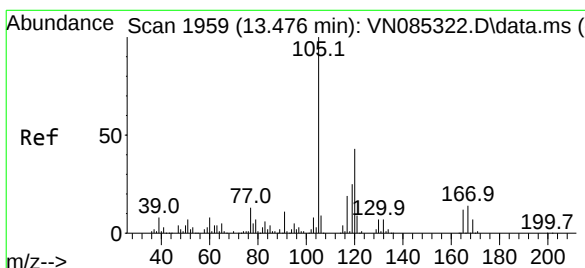
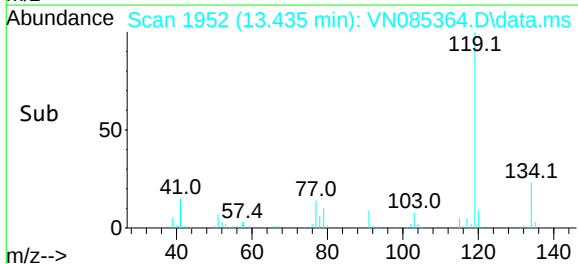
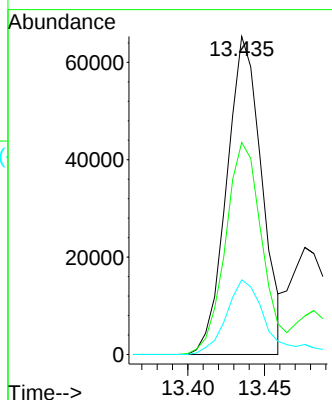
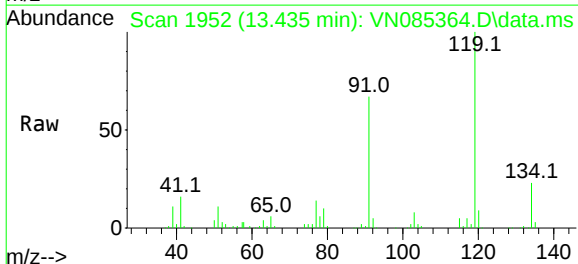
#83
tert-Butylbenzene
Concen: 19.139 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion:119 Resp: 103975
Ion Ratio Lower Upper
119 100
91 69.6 33.6 100.8
134 26.8 13.3 39.8

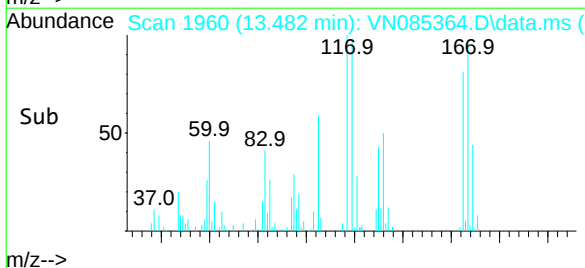
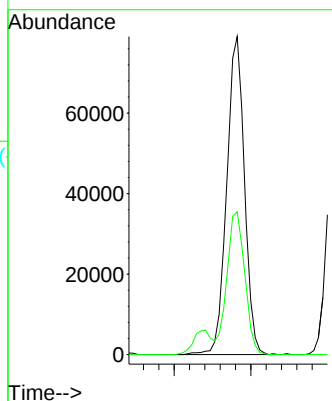
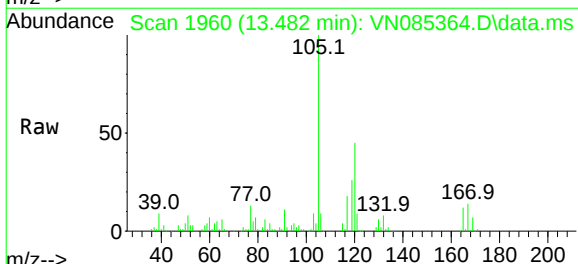
Manual Integrations
APPROVED

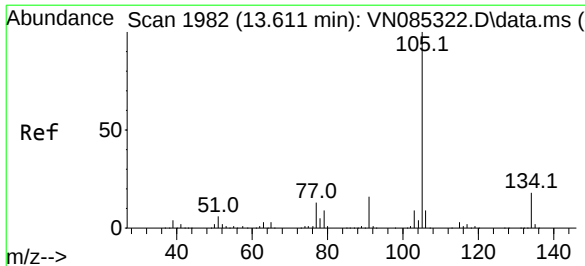
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.306 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:105 Resp: 126806
Ion Ratio Lower Upper
105 100
120 45.3 21.7 65.1





#85

sec-Butylbenzene

Concen: 19.660 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBS01

Tgt Ion:105 Resp: 148250

Ion Ratio Lower Upper

105 100

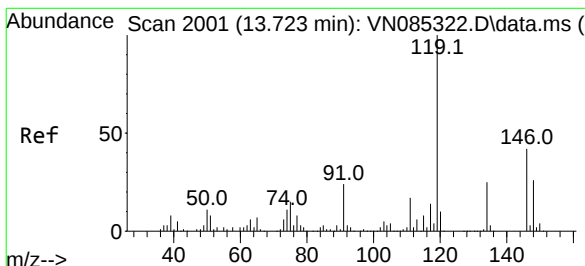
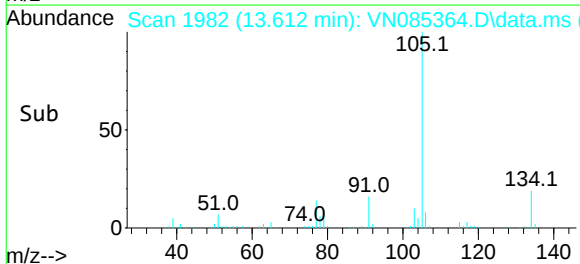
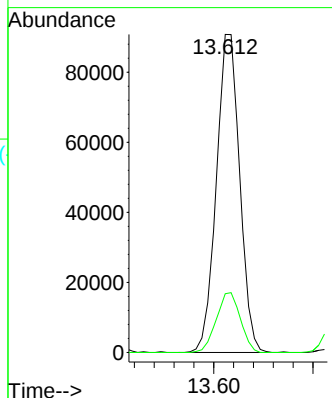
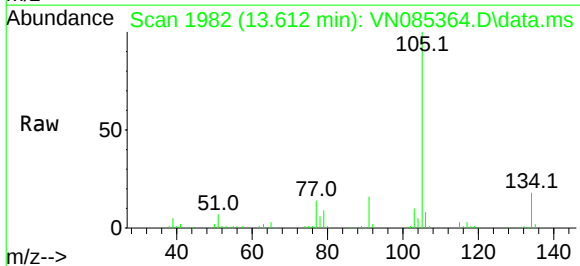
134 19.4 9.4 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#86

p-Isopropyltoluene

Concen: 18.681 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

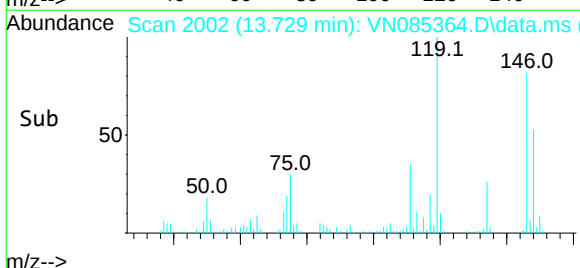
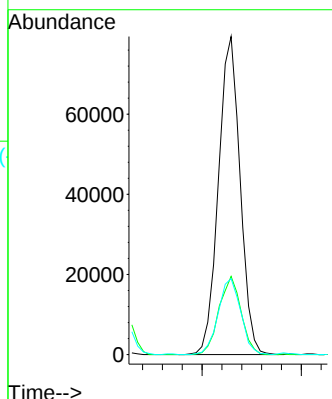
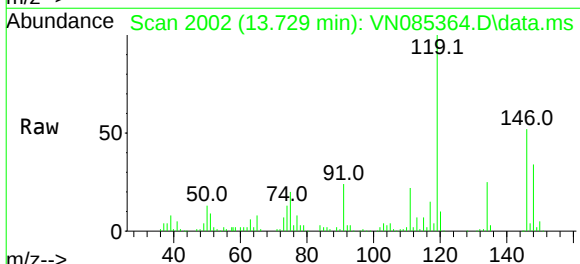
Tgt Ion:119 Resp: 120576

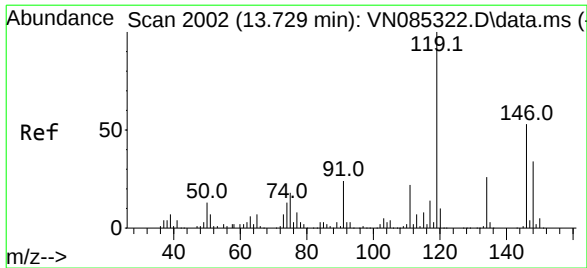
Ion Ratio Lower Upper

119 100

134 25.0 12.5 37.5

91 24.9 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.786 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Instrument :

MSVOA_N

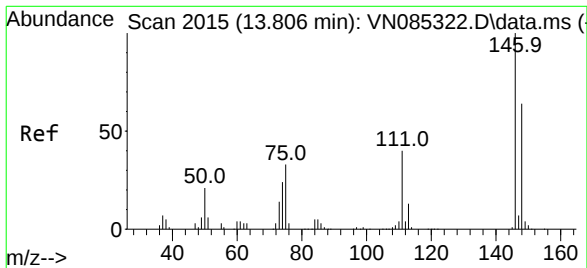
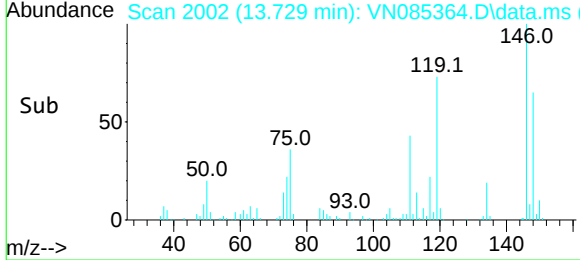
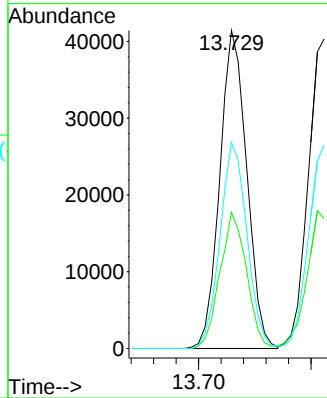
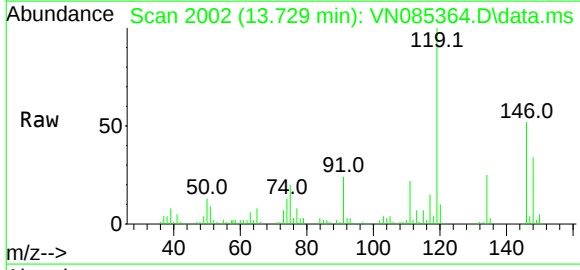
ClientSampleId :

VN1231MBS01

Tgt Ion:	146	Resp:	68902
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.3	63.9
148	64.9	31.5	94.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#88

1,4-Dichlorobenzene

Concen: 19.567 ug/l

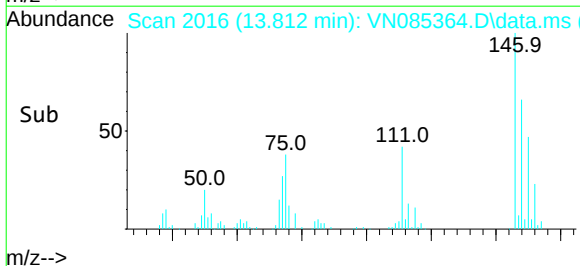
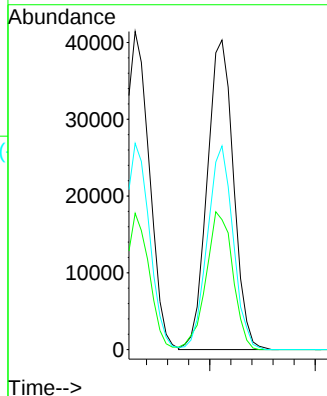
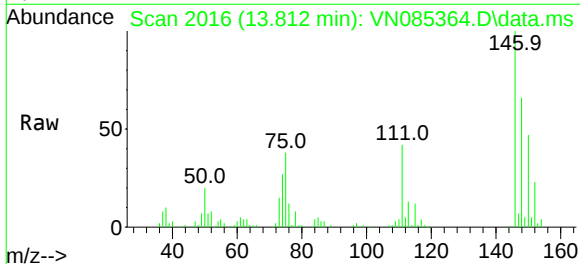
RT: 13.812 min Scan# 2016

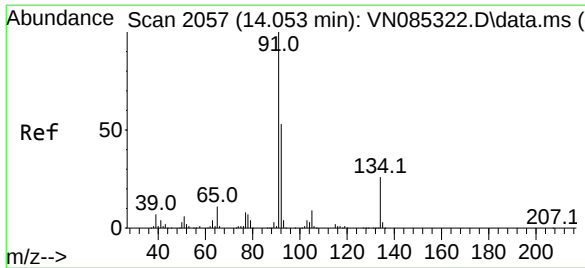
Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Tgt Ion:	146	Resp:	69991
Ion Ratio	Lower	Upper	
146	100		
111	45.2	20.8	62.5
148	64.3	31.7	95.1





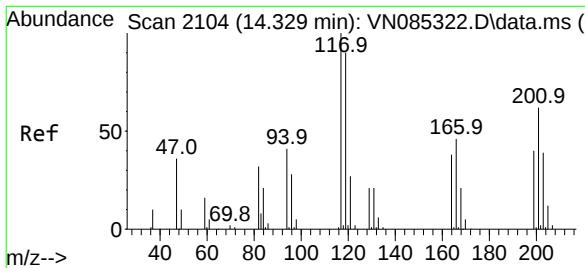
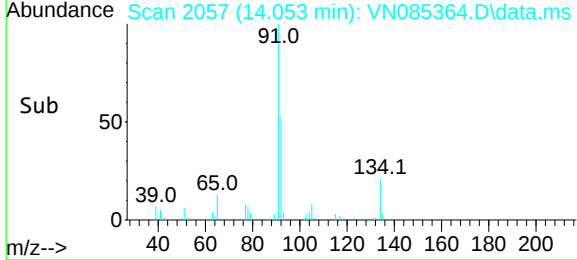
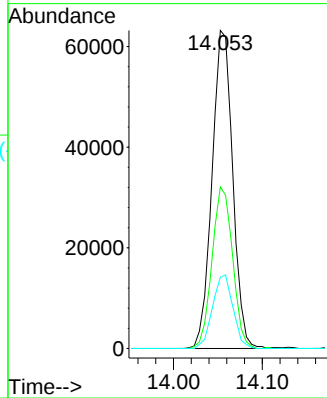
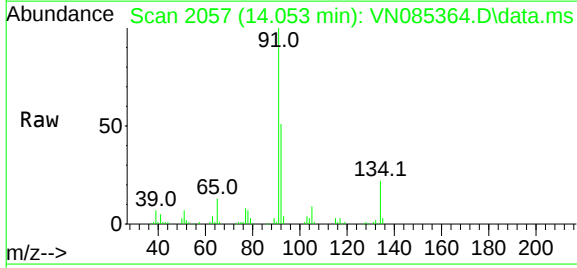
#89
n-Butylbenzene
Concen: 18.533 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion: 91 Resp: 102336
Ion Ratio Lower Upper
91 100
92 50.4 26.0 78.0
134 22.8 12.1 36.3

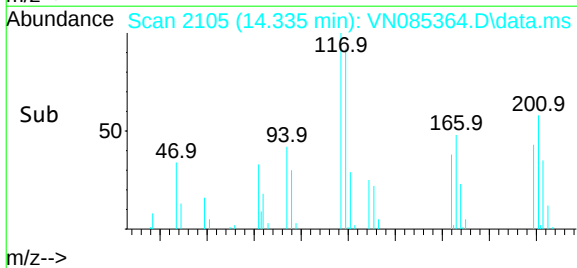
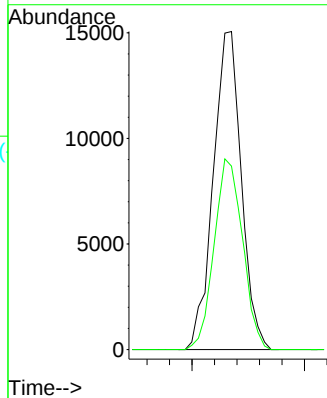
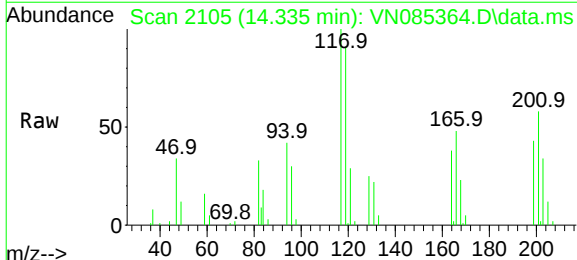
Manual Integrations
APPROVED

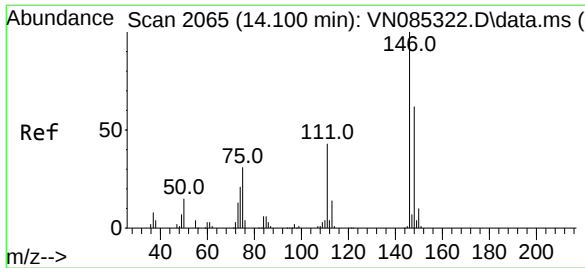
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#90
Hexachloroethane
Concen: 21.137 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Tgt Ion:117 Resp: 26126
Ion Ratio Lower Upper
117 100
201 60.7 30.7 92.1





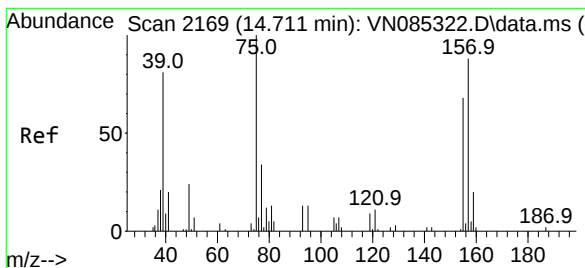
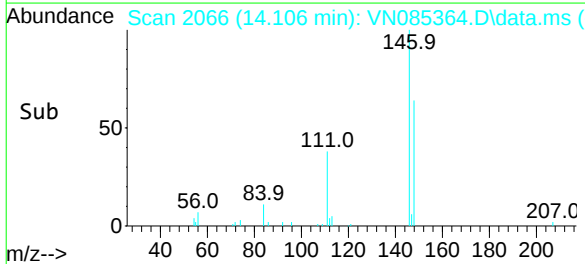
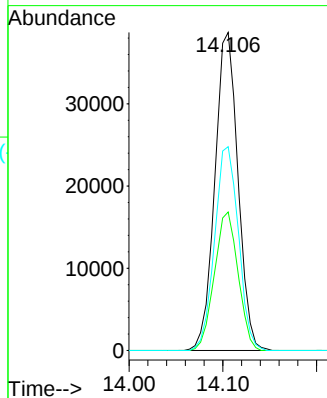
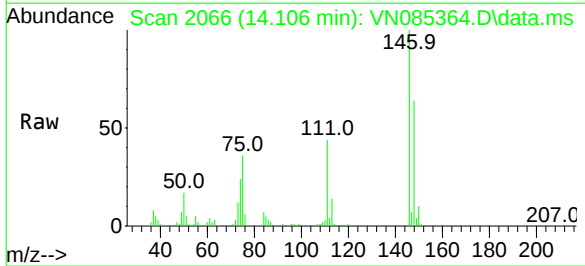
#91
1,2-Dichlorobenzene
Concen: 19.947 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.8	65.3
148	66.1	31.4	94.2

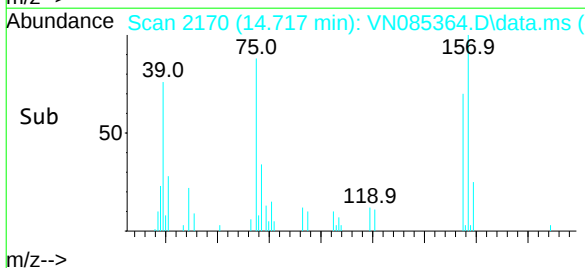
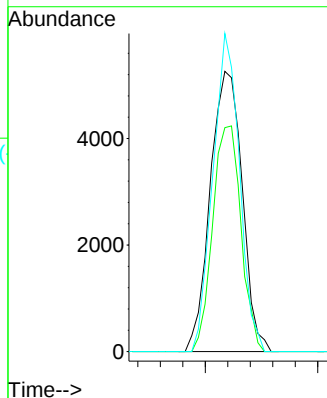
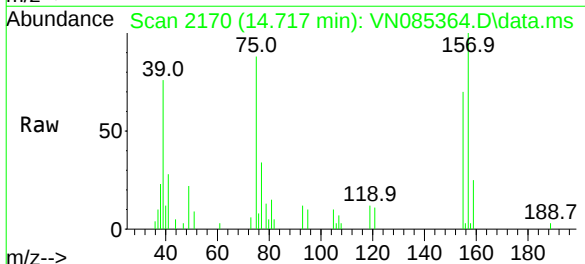
Manual Integrations
APPROVED

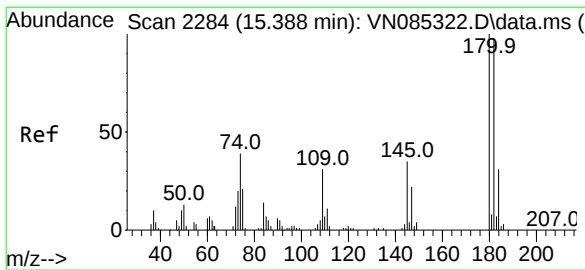
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.637 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

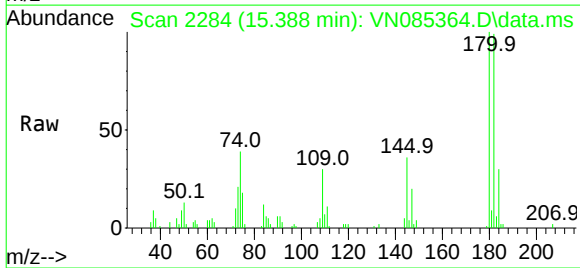
Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.3	35.6	106.9
157	94.4	47.0	141.0





#93
1,2,4-Trichlorobenzene
Concen: 18.602 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18

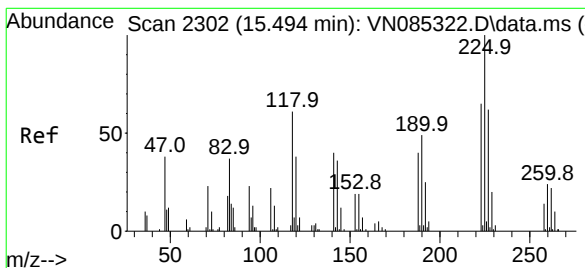
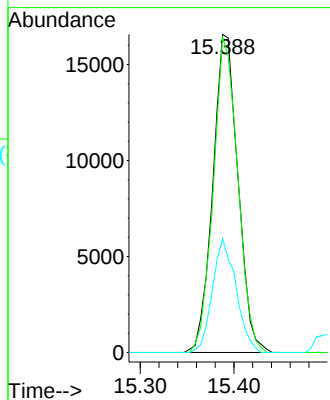
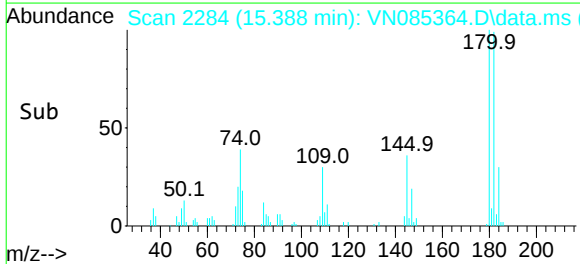
Instrument :
MSVOA_N
ClientSampleId :
VN1231MBS01



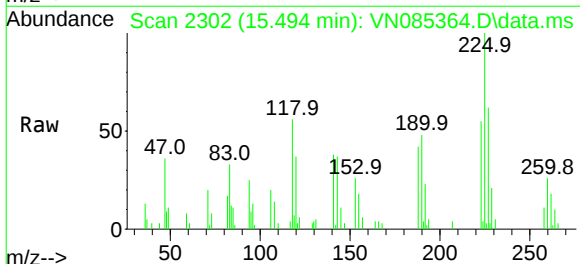
Tgt Ion:180 Resp: 30797
Ion Ratio Lower Upper
180 100
182 96.5 47.2 141.6
145 33.6 16.6 49.8

Manual Integrations
APPROVED

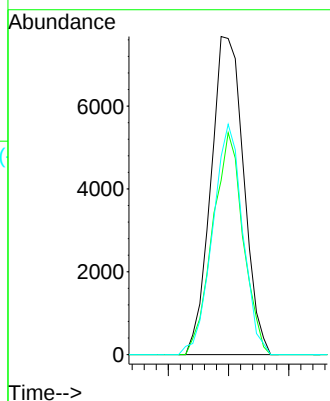
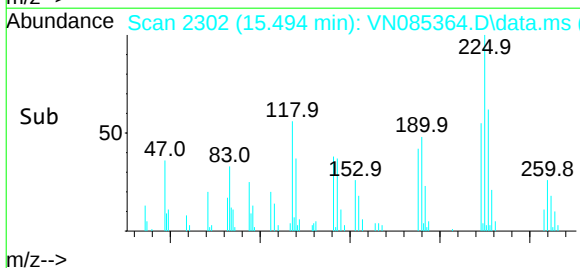
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

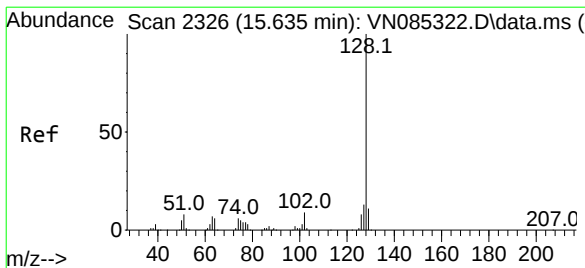


#94
Hexachlorobutadiene
Concen: 17.640 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN085364.D
Acq: 31 Dec 2024 11:18



Tgt Ion:225 Resp: 14511
Ion Ratio Lower Upper
225 100
223 64.7 31.6 94.7
227 66.4 30.3 91.0





#95

Naphthalene

Concen: 17.046 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN1231MBS01

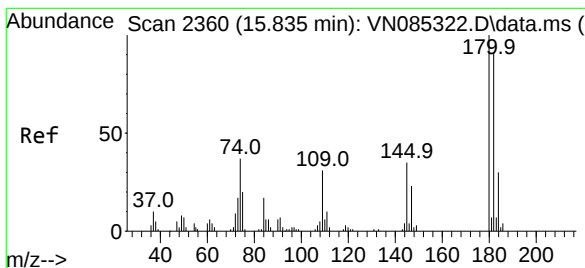
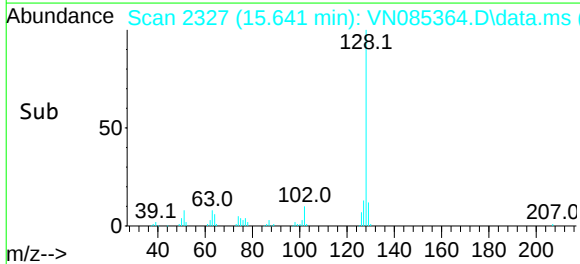
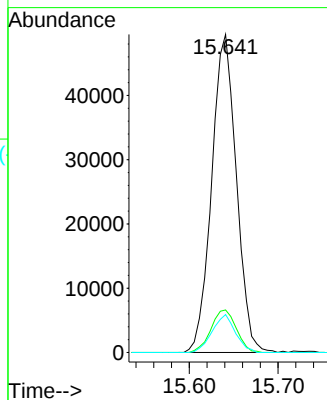
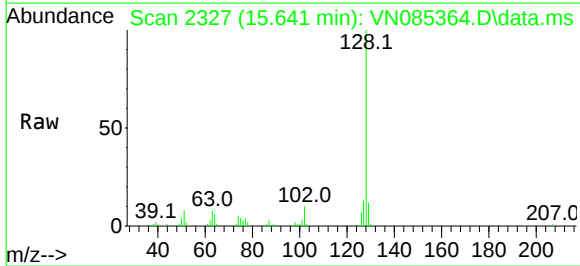
Tgt Ion:	128	Resp:	95697
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.6	16.0
129	11.2	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.108 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085364.D

Acq: 31 Dec 2024 11:18

Tgt Ion:	180	Resp:	31609
Ion Ratio	Lower	Upper	
180	100		
182	92.6	46.8	140.4
145	33.9	17.2	51.6

