

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085520.D
 Acq On : 27 Jan 2025 16:46
 Operator : JC\MD
 Sample : VN0127WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 02:01:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	201491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	340191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142141	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	154960	47.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.280%
35) Dibromofluoromethane	8.165	113	113203	47.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	10.565	98	401058	47.828	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.847	95	143504	50.029	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.060%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	43592	15.979	ug/l	96
3) Chloromethane	2.359	50	45973	15.564	ug/l	99
4) Vinyl Chloride	2.512	62	46002	15.494	ug/l	96
5) Bromomethane	2.959	94	29007	16.174	ug/l	85
6) Chloroethane	3.124	64	30696	16.308	ug/l	96
7) Trichlorofluoromethane	3.500	101	72915	16.926	ug/l	95
8) Diethyl Ether	3.959	74	26002	17.472	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	42772	17.628	ug/l	100
10) Methyl Iodide	4.589	142	49008	17.637	ug/l	98
11) Tert butyl alcohol	5.518	59	41107	110.375	ug/l	97
12) 1,1-Dichloroethene	4.336	96	37531	17.356	ug/l	90
13) Acrolein	4.183	56	40300	79.268	ug/l	99
14) Allyl chloride	5.018	41	58987	16.810	ug/l	98
15) Acrylonitrile	5.712	53	113725	96.136	ug/l	100
16) Acetone	4.418	43	100927	96.038	ug/l	100
17) Carbon Disulfide	4.712	76	95341	14.319	ug/l	99
18) Methyl Acetate	5.018	43	65466	20.486	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	136305	19.412	ug/l	99
20) Methylene Chloride	5.271	84	45079	17.327	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	39558	17.117	ug/l	96
22) Diisopropyl ether	6.665	45	147381	18.923	ug/l	97
23) Vinyl Acetate	6.600	43	518523	95.132	ug/l	99
24) 1,1-Dichloroethane	6.559	63	84264	17.743	ug/l	99
25) 2-Butanone	7.483	43	151647	98.058	ug/l	99
26) 2,2-Dichloropropane	7.488	77	74832	19.490	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	48290	17.741	ug/l	95
28) Bromochloromethane	7.812	49	38579	17.461	ug/l	98
29) Tetrahydrofuran	7.835	42	97200	99.134	ug/l	99
30) Chloroform	7.965	83	87982	17.925	ug/l	96
31) Cyclohexane	8.253	56	66438	16.096	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	77155	17.920	ug/l	97
36) 1,1-Dichloropropene	8.371	75	57133	17.249	ug/l	99
37) Ethyl Acetate	7.553	43	61946	18.528	ug/l	99
38) Carbon Tetrachloride	8.359	117	67504	17.801	ug/l	97
39) Methylcyclohexane	9.600	83	52296	16.801	ug/l	97
40) Benzene	8.600	78	180711	18.157	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085520.D
 Acq On : 27 Jan 2025 16:46
 Operator : JC\MD
 Sample : VN0127WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 02:01:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33694	19.371	ug/l	98
42) 1,2-Dichloroethane	8.671	62	70495	18.807	ug/l	99
43) Isopropyl Acetate	8.682	43	103570	19.333	ug/l	99
44) Trichloroethene	9.347	130	41488	17.908	ug/l	87
45) 1,2-Dichloropropane	9.618	63	45946	18.074	ug/l	98
46) Dibromomethane	9.706	93	33962	18.515	ug/l	99
47) Bromodichloromethane	9.882	83	71647	19.172	ug/l	99
48) Methyl methacrylate	9.677	41	46908	19.457	ug/l	97
49) 1,4-Dioxane	9.694	88	17074	420.559	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	320825	103.202	ug/l	100
52) Toluene	10.629	92	109132	18.925	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	68929	19.518	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	71135	18.857	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	44242	19.386	ug/l	97
56) Ethyl methacrylate	10.871	69	63624	17.842	ug/l	98
57) 1,3-Dichloropropane	11.159	76	74624	18.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	128650	88.832	ug/l	99
59) 2-Hexanone	11.194	43	228088	104.275	ug/l	100
60) Dibromochloromethane	11.359	129	52631	19.102	ug/l	100
61) 1,2-Dibromoethane	11.465	107	43380	19.096	ug/l	96
64) Tetrachloroethene	11.100	164	37711	18.573	ug/l	98
65) Chlorobenzene	11.888	112	120046	18.399	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	44226	18.469	ug/l	99
67) Ethyl Benzene	11.959	91	197539	18.589	ug/l	98
68) m/p-Xylenes	12.070	106	152037	38.711	ug/l	99
69) o-Xylene	12.394	106	71148	18.956	ug/l	99
70) Styrene	12.406	104	121008	19.481	ug/l	99
71) Bromoform	12.576	173	34534	20.155	ug/l #	99
73) Isopropylbenzene	12.694	105	182673	19.042	ug/l	100
74) N-amyl acetate	12.494	43	83274	19.312	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	65114	19.215	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51898m	17.964	ug/l	
77) Bromobenzene	12.976	156	46207	18.436	ug/l	96
78) n-propylbenzene	13.035	91	220924	19.453	ug/l	100
79) 2-Chlorotoluene	13.123	91	139334	18.957	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	156321	19.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	21572	20.202	ug/l	98
82) 4-Chlorotoluene	13.217	91	140536	19.203	ug/l	100
83) tert-Butylbenzene	13.435	119	127363	19.139	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	156143	19.770	ug/l	99
85) sec-Butylbenzene	13.612	105	180596	19.581	ug/l	99
86) p-Isopropyltoluene	13.729	119	149717	19.503	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87188	18.889	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	86342	18.047	ug/l	99
89) n-Butylbenzene	14.053	91	119951	18.129	ug/l	98
90) Hexachloroethane	14.329	117	30919	17.610	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	85986	18.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12784	20.659	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	38523	18.002	ug/l	97
94) Hexachlorobutadiene	15.494	225	19815	17.442	ug/l	96
95) Naphthalene	15.641	128	114951	18.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	39137	18.075	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
Data File : VN085520.D
Acq On : 27 Jan 2025 16:46
Operator : JC\MD
Sample : VN0127WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 02:01:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

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

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

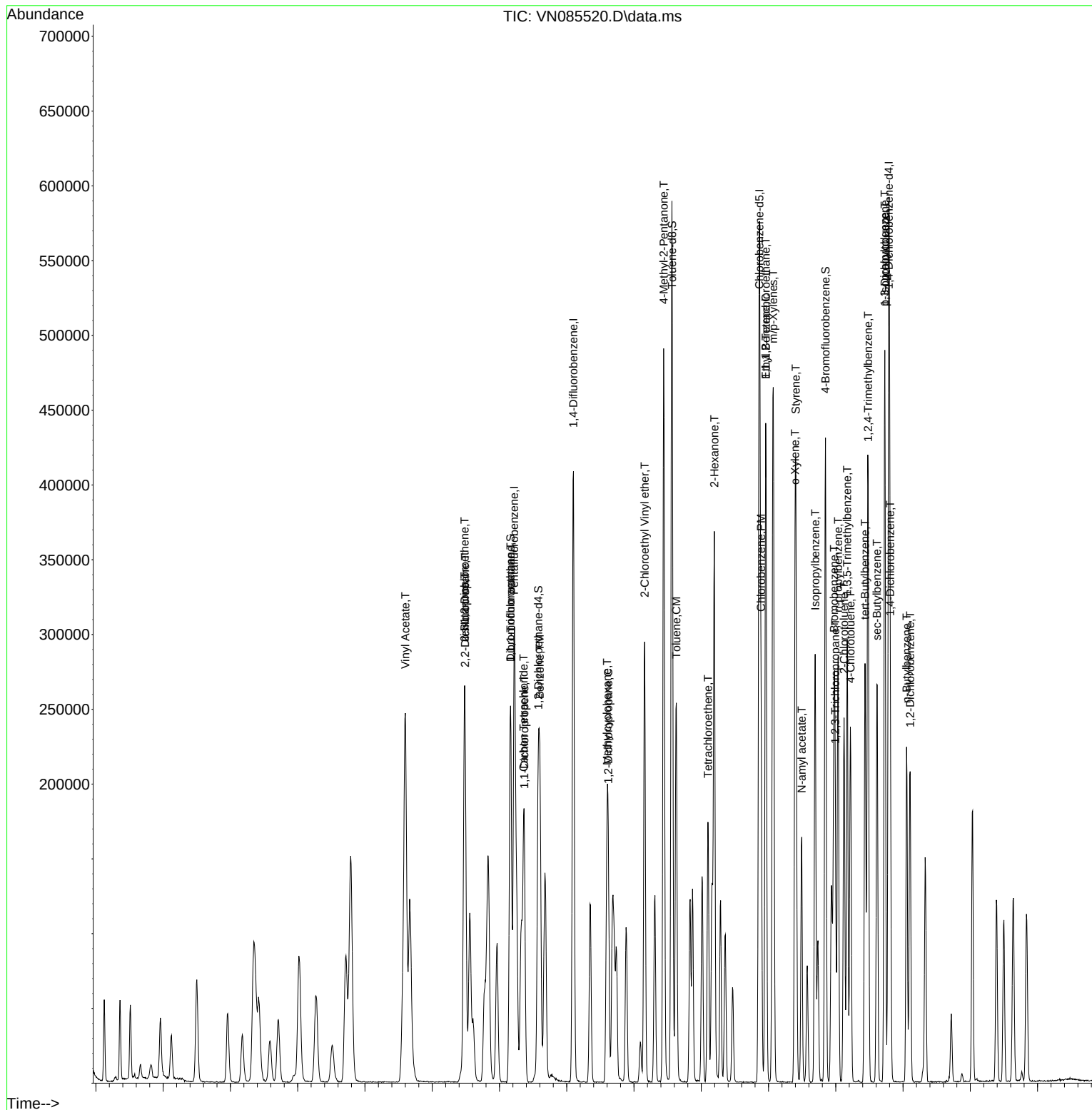
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
Data File : VN085520.D
Acq On : 27 Jan 2025 16:46
Operator : JC\MD
Sample : VN0127WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

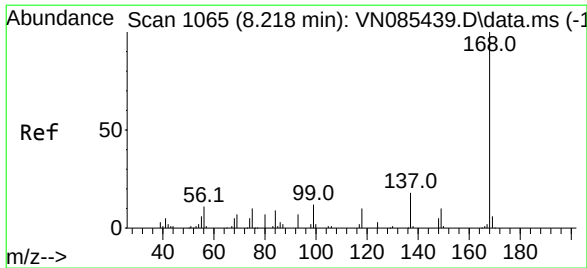
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/28/2025
Supervised By : Mahesh Dadoda 01/28/2025

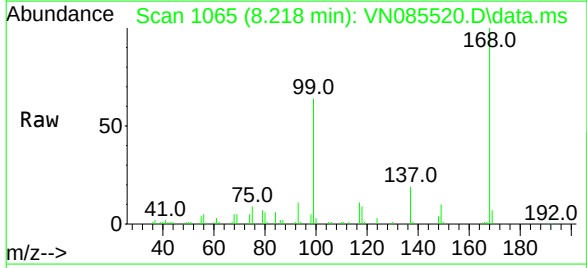
Quant Time: Jan 28 02:01:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

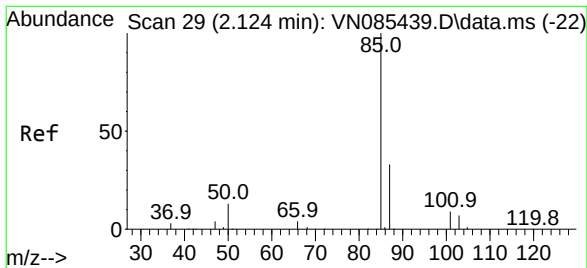
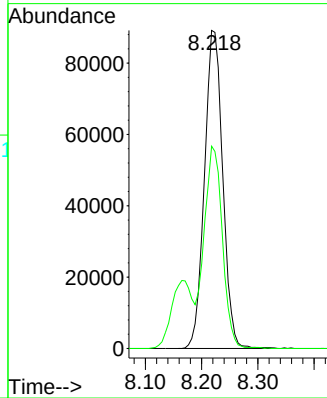
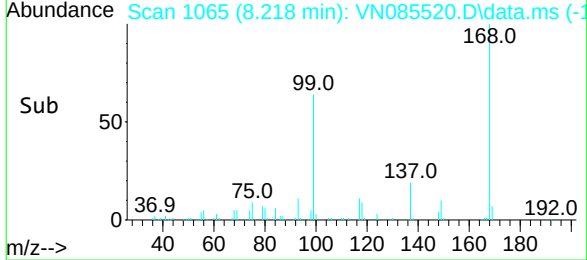
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion: 168 Resp: 201491
Ion Ratio Lower Upper
168 100
99 63.6 53.6 80.4

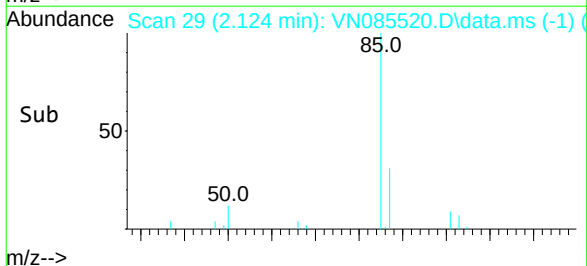
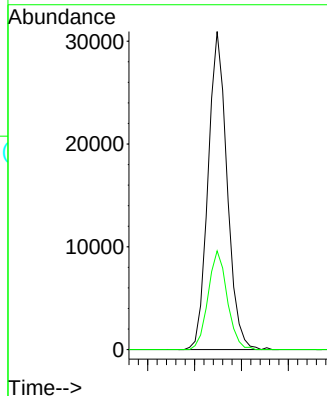
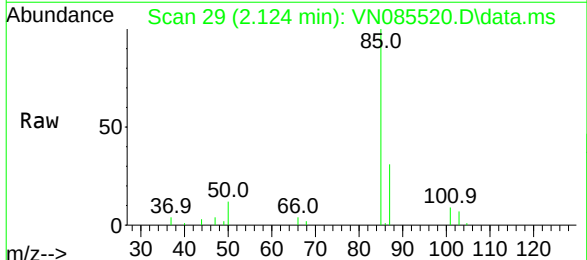
Manual Integrations
APPROVED

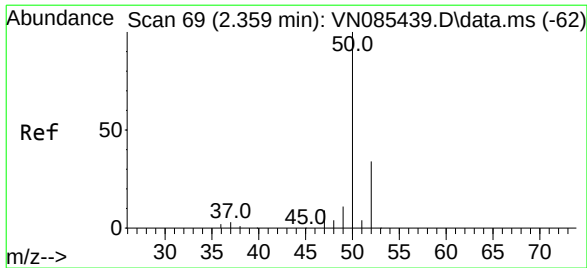
Reviewed By : John Carlone 01/28/2025
Supervised By : Mahesh Dadoda 01/28/2025



#2
Dichlorodifluoromethane
Concen: 15.979 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

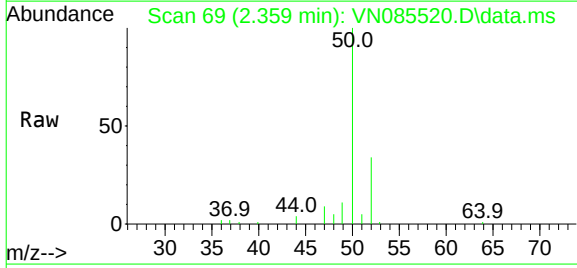
Tgt Ion: 85 Resp: 43592
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3
Chloromethane
Concen: 15.564 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

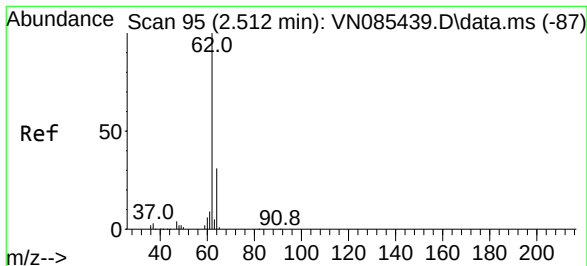
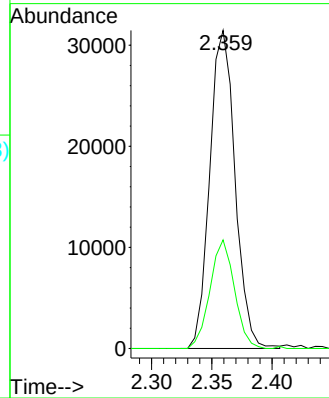
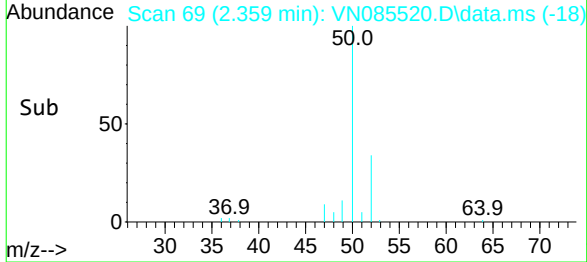
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion: 50 Resp: 45973
Ion Ratio Lower Upper
50 100
52 34.1 27.0 40.6

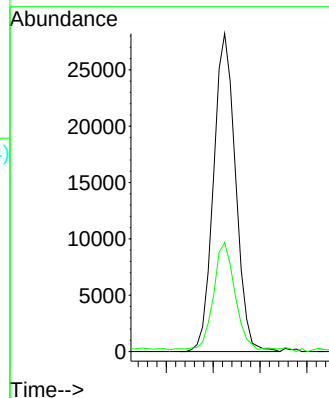
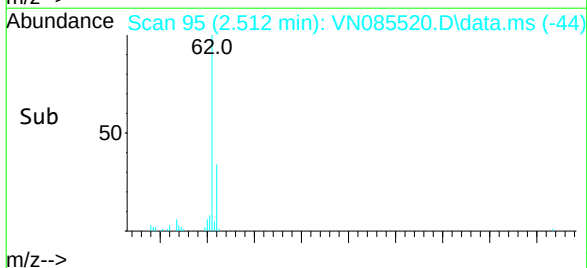
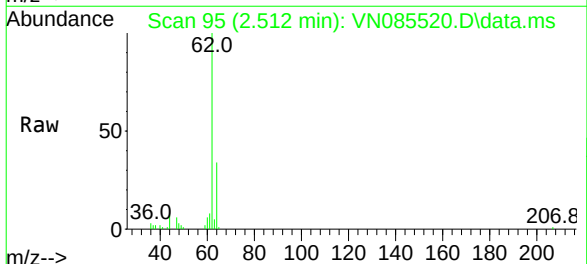
Manual Integrations
APPROVED

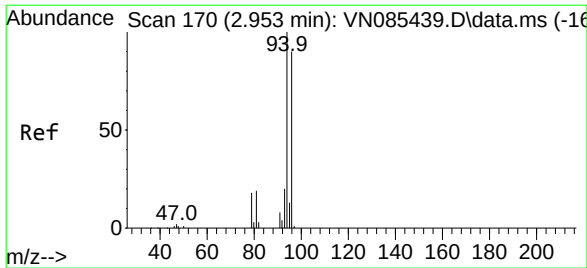
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#4
Vinyl Chloride
Concen: 15.494 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

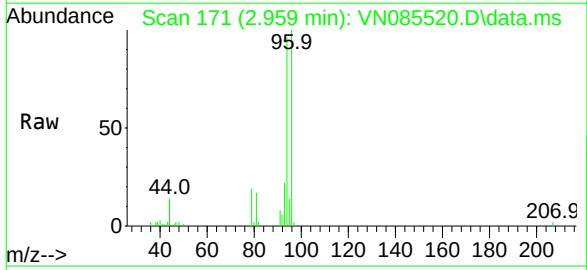
Tgt Ion: 62 Resp: 46002
Ion Ratio Lower Upper
62 100
64 33.4 24.8 37.2





#5
Bromomethane
Concen: 16.174 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

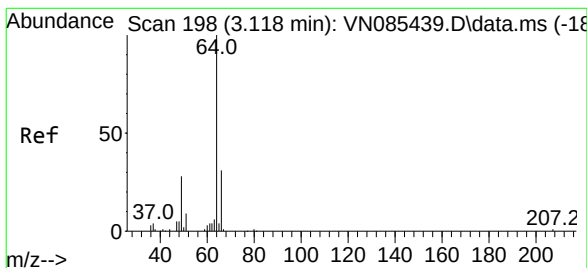
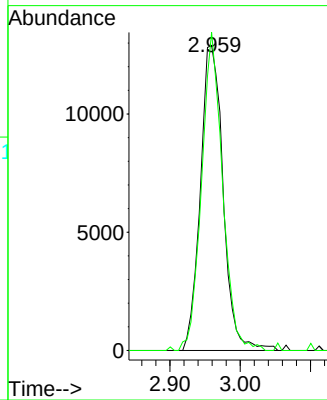
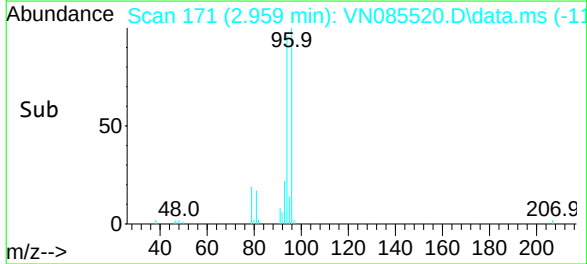
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion: 94 Resp: 29007
Ion Ratio Lower Upper
94 100
96 104.2 71.8 107.6

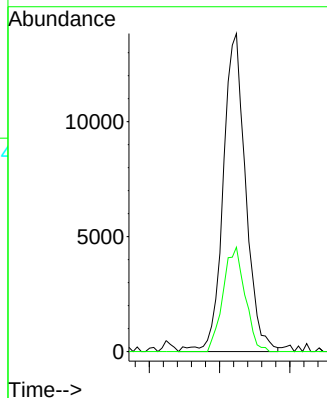
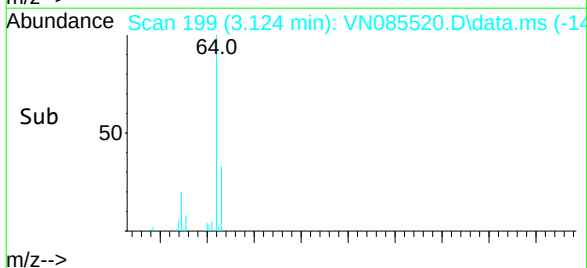
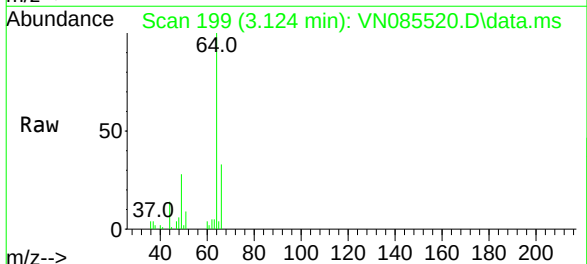
Manual Integrations
APPROVED

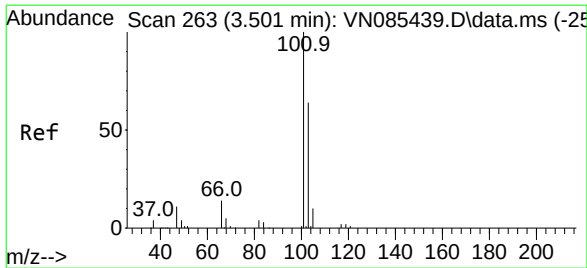
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#6
Chloroethane
Concen: 16.308 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

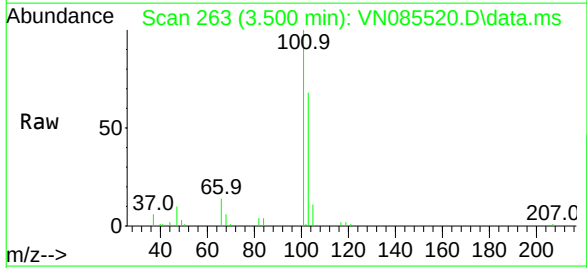
Tgt Ion: 64 Resp: 30696
Ion Ratio Lower Upper
64 100
66 32.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 16.926 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46

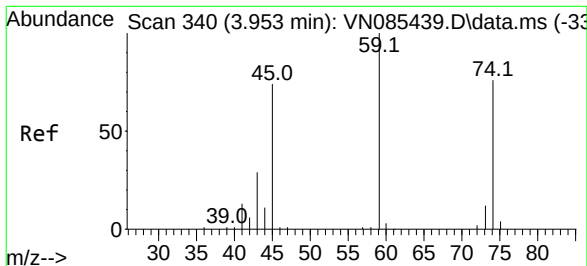
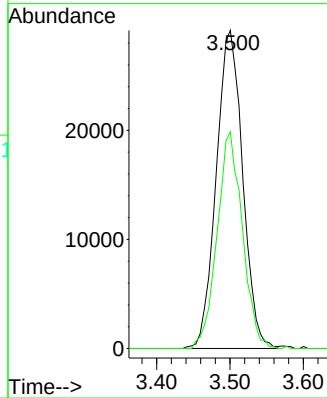
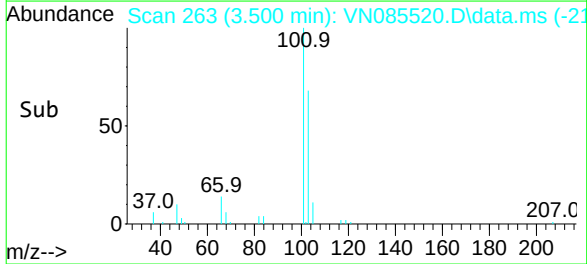
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD01



Tgt Ion: 101 Resp: 72915
 Ion Ratio Lower Upper
 101 100
 103 68.1 51.4 77.2

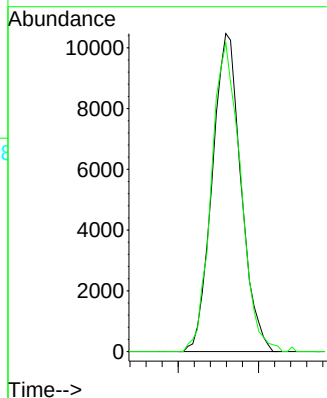
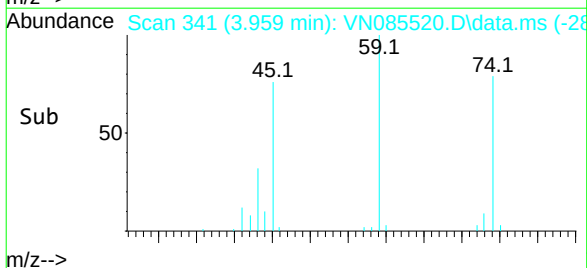
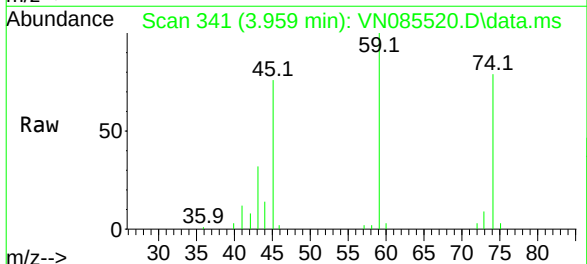
Manual Integrations
 APPROVED

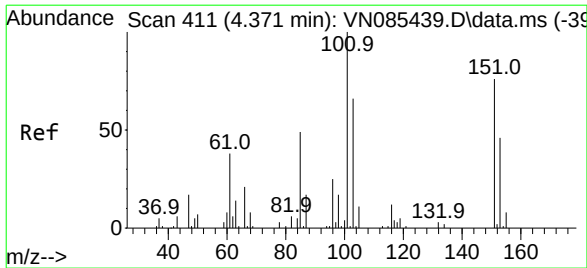
Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025



#8
 Diethyl Ether
 Concen: 17.472 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46

Tgt Ion: 74 Resp: 26002
 Ion Ratio Lower Upper
 74 100
 45 98.9 49.7 149.1





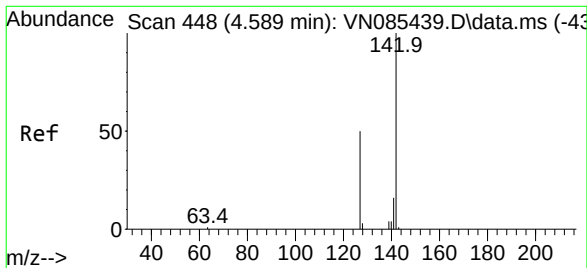
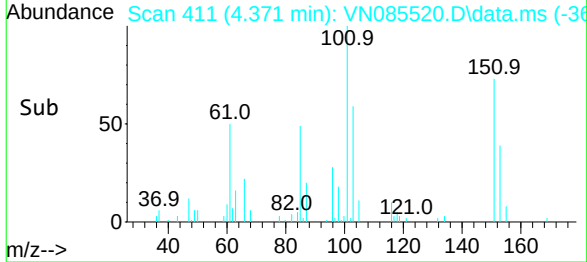
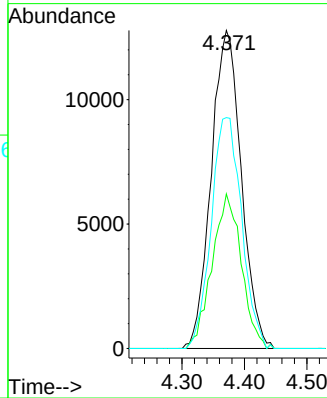
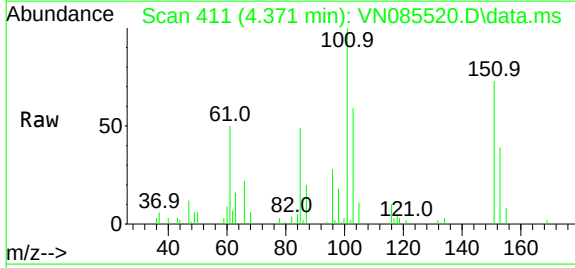
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.628 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion:101 Resp: 42772
Ion Ratio Lower Upper
101 100
85 47.3 37.8 56.8
151 73.4 58.8 88.2

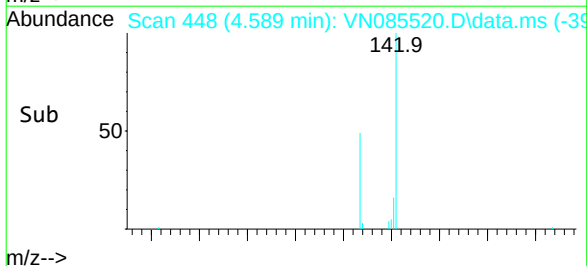
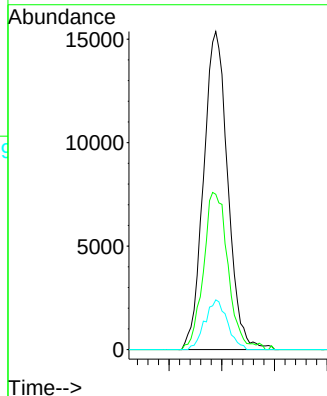
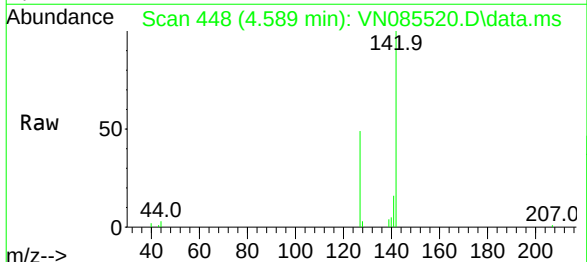
Manual Integrations
APPROVED

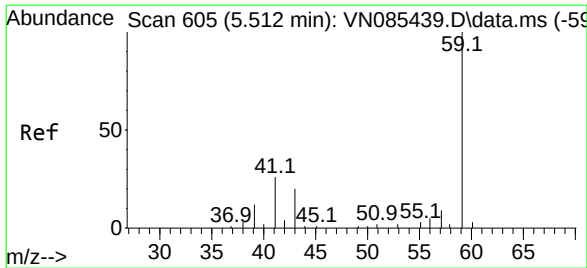
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#10
Methyl Iodide
Concen: 17.637 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:142 Resp: 49008
Ion Ratio Lower Upper
142 100
127 48.8 40.3 60.5
141 15.6 12.8 19.2





#11

Tert butyl alcohol

Concen: 110.375 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD01

Tgt Ion: 59 Resp: 41107

Ion Ratio Lower Upper

59 100

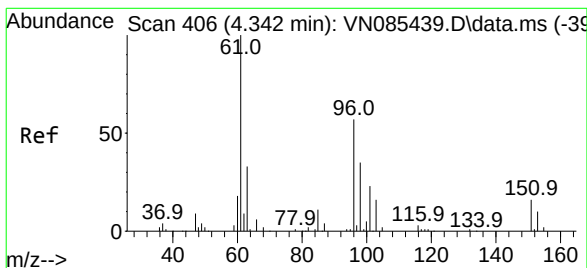
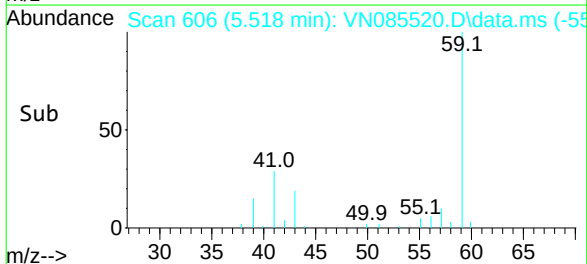
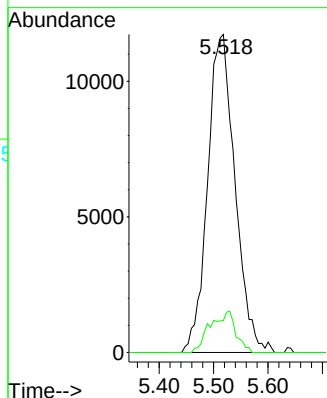
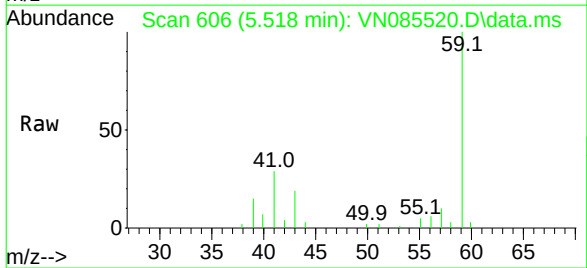
57 12.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#12

1,1-Dichloroethene

Concen: 17.356 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

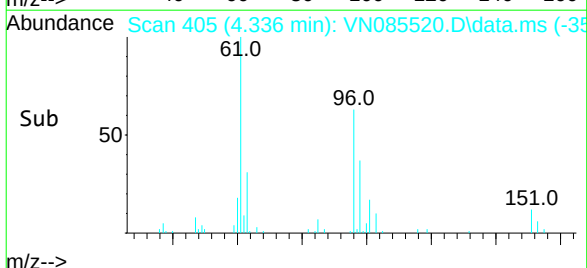
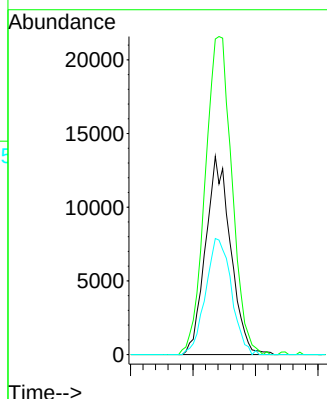
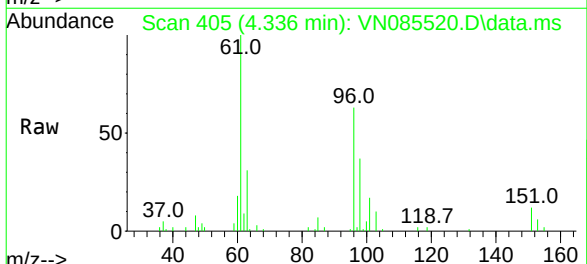
Tgt Ion: 96 Resp: 37531

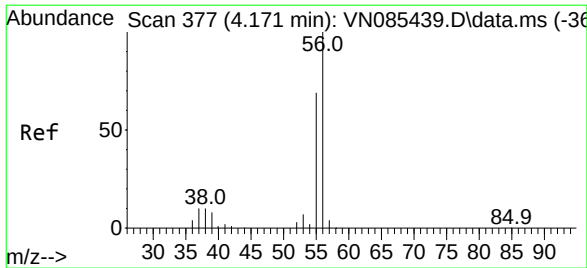
Ion Ratio Lower Upper

96 100

61 159.2 141.0 211.4

98 58.6 49.0 73.6





#13

Acrolein

Concen: 79.268 ug/l

RT: 4.183 min Scan# 377

Delta R.T. 0.012 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD01

Tgt Ion: 56 Resp: 40300

Ion Ratio Lower Upper

56 100

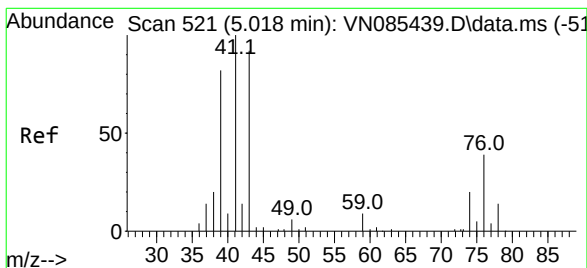
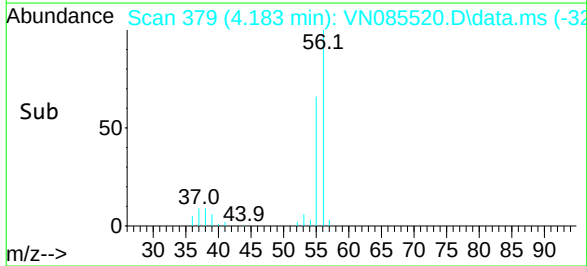
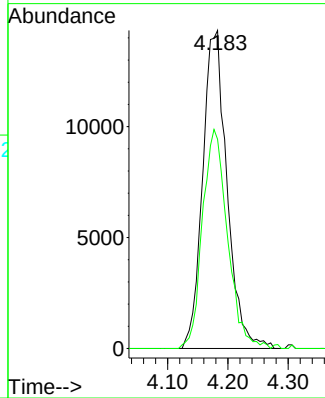
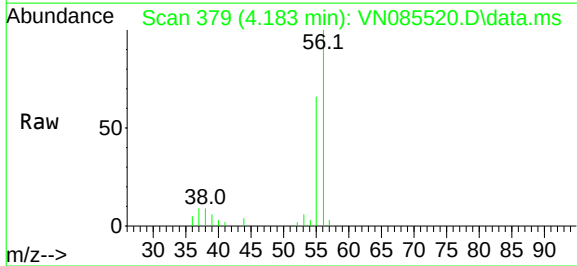
55 70.9 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#14

Allyl chloride

Concen: 16.810 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

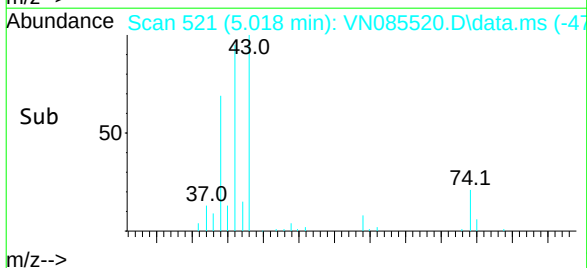
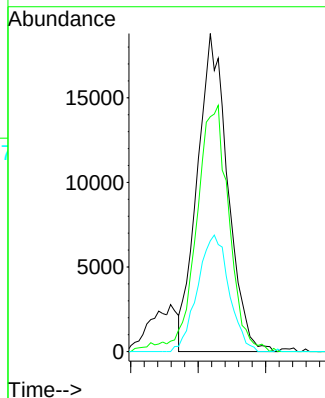
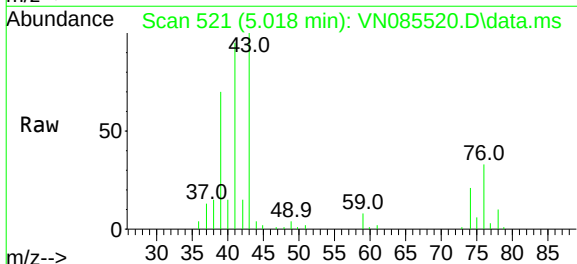
Tgt Ion: 41 Resp: 58987

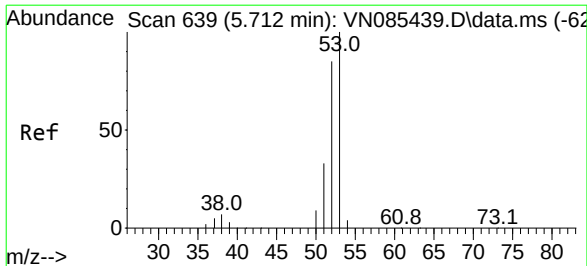
Ion Ratio Lower Upper

41 100

39 82.9 64.4 96.6

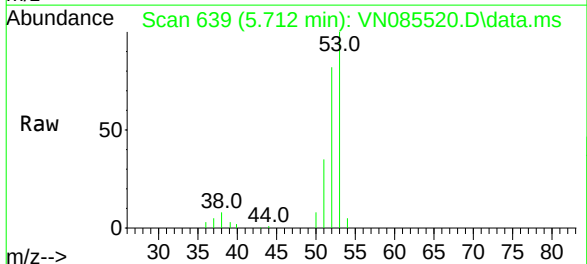
76 37.8 30.5 45.7





#15
Acrylonitrile
Concen: 96.136 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

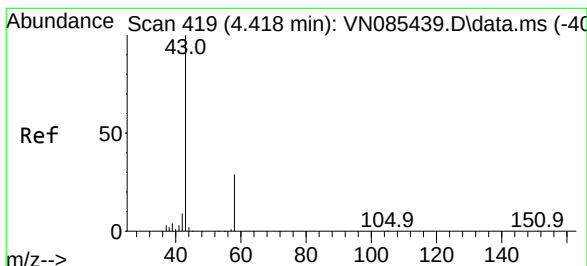
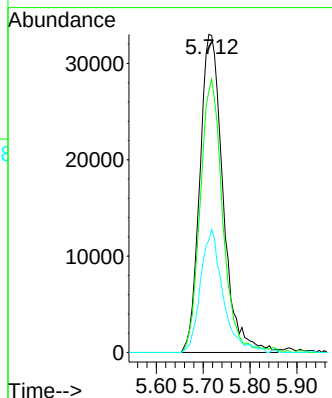
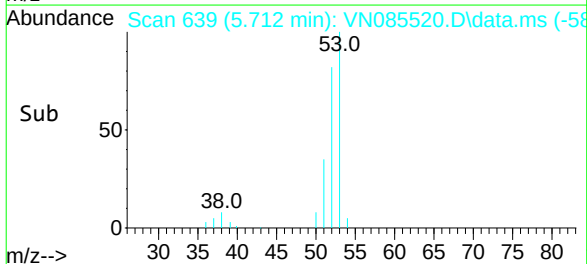
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion: 53 Resp: 113725
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 37.4 29.8 44.8

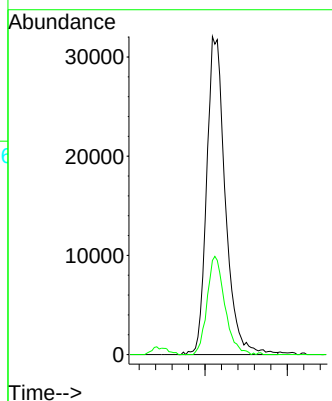
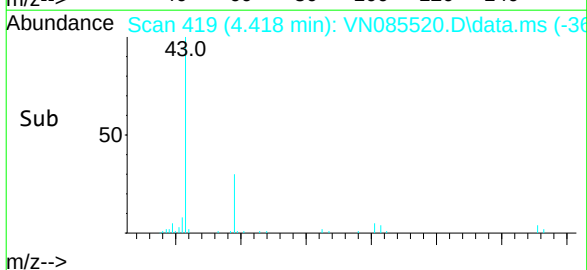
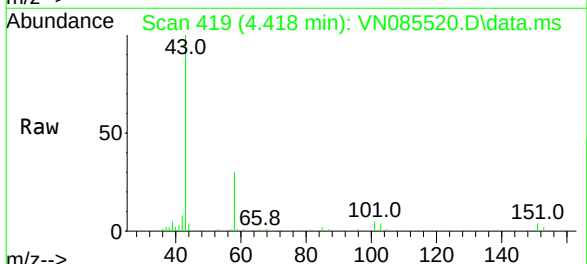
Manual Integrations
APPROVED

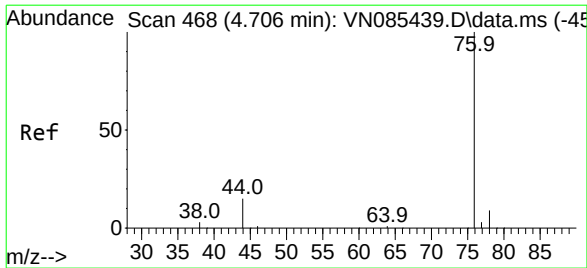
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#16
Acetone
Concen: 96.038 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

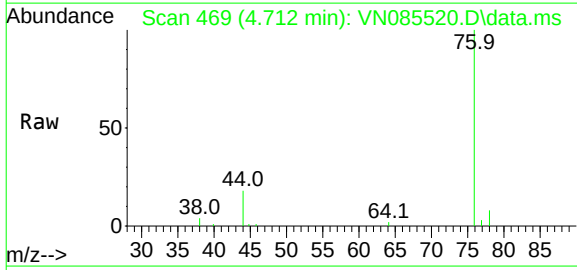
Tgt Ion: 43 Resp: 100927
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.6





#17
Carbon Disulfide
Concen: 14.319 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

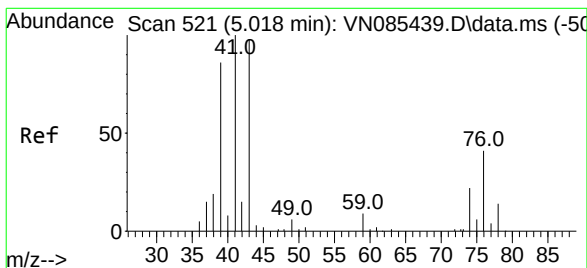
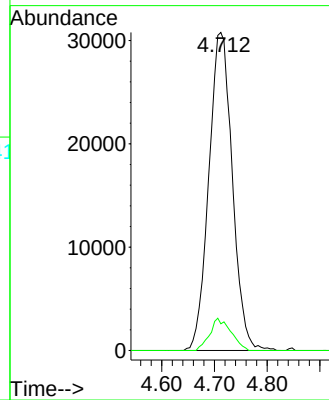
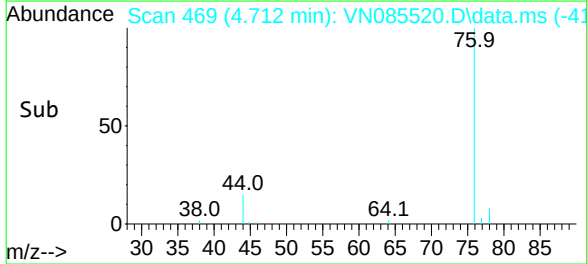
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion: 76 Resp: 95341
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3

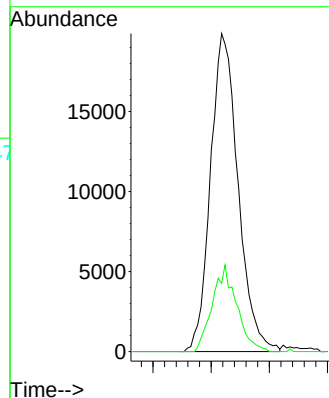
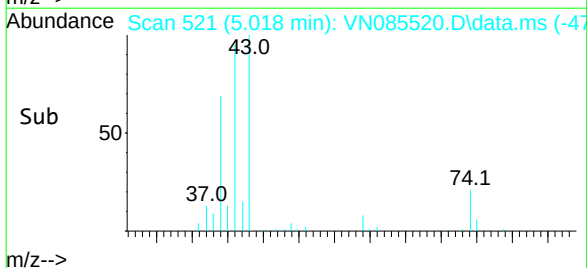
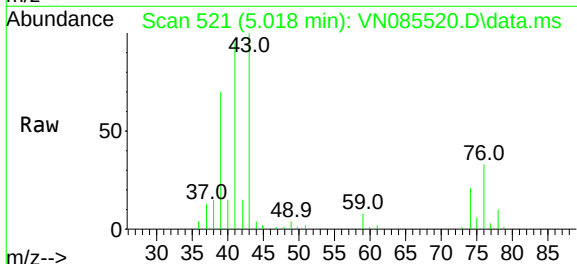
Manual Integrations
APPROVED

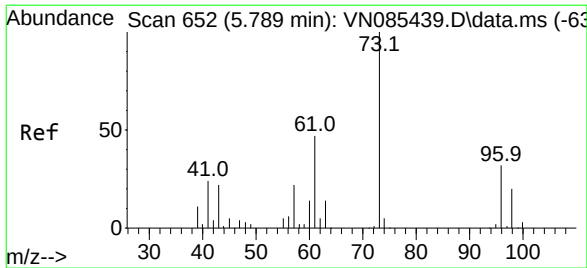
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#18
Methyl Acetate
Concen: 20.486 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion: 43 Resp: 65466
Ion Ratio Lower Upper
43 100
74 24.0 18.6 28.0





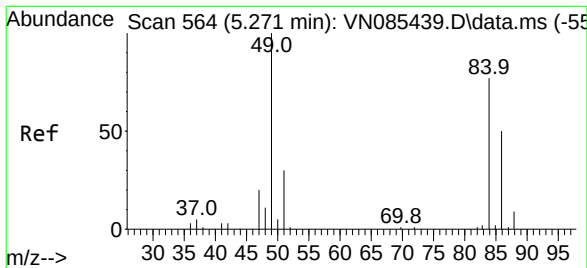
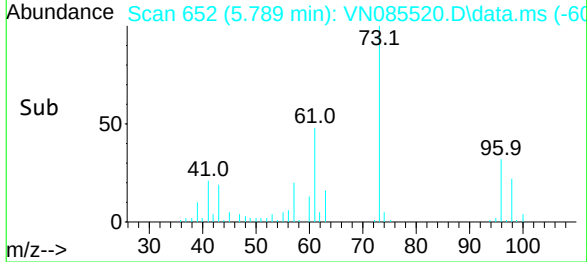
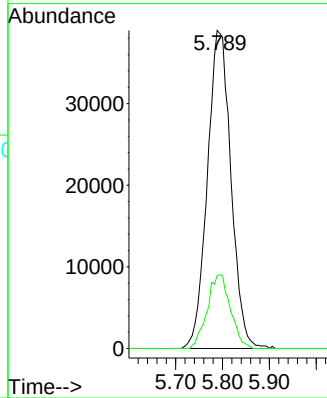
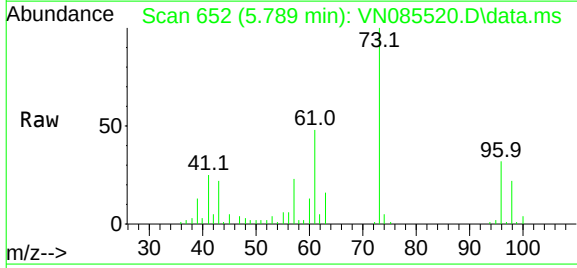
#19
Methyl tert-butyl Ether
Concen: 19.412 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 73 Resp: 136305
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8

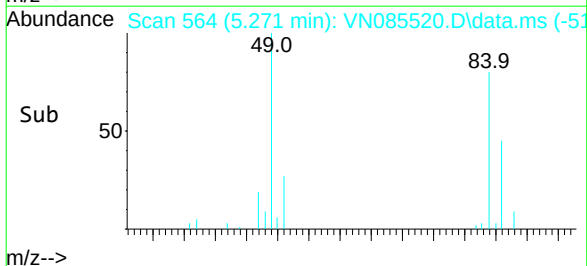
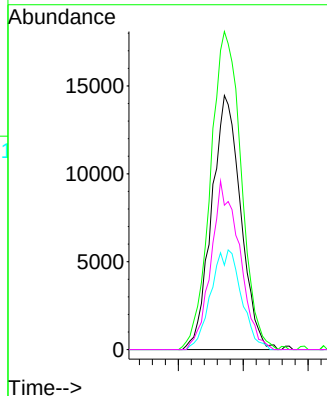
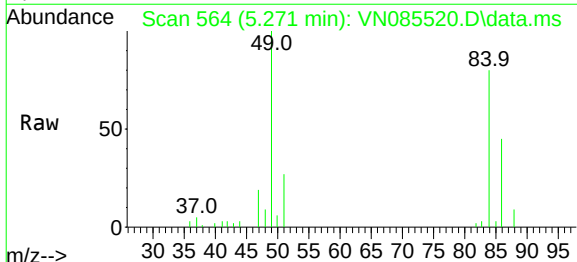
Manual Integrations
APPROVED

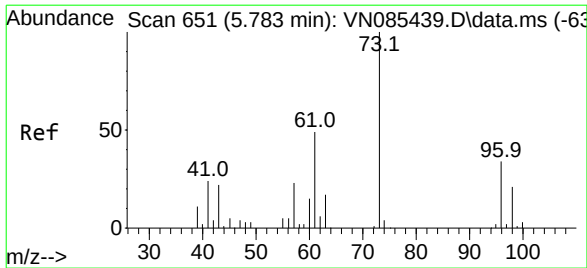
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#20
Methylene Chloride
Concen: 17.327 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion: 84 Resp: 45079
Ion Ratio Lower Upper
84 100
49 125.2 104.1 156.1
51 33.2 31.0 46.4
86 56.8 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 17.117 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD01

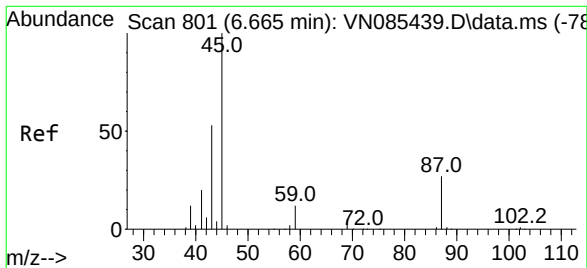
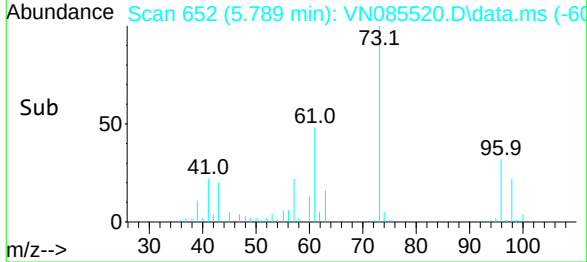
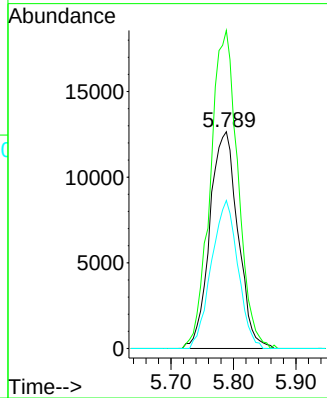
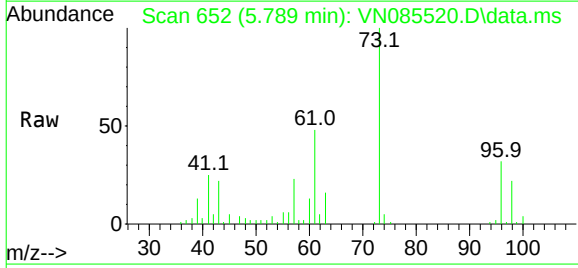
Tgt Ion:	96	Resp:	39558
Ion	Ratio	Lower	Upper
96	100		
61	146.7	115.7	173.5
98	68.3	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#22

Diisopropyl ether

Concen: 18.923 ug/l

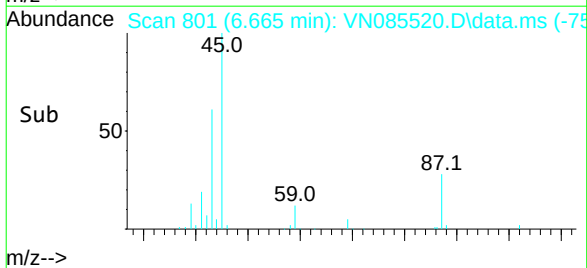
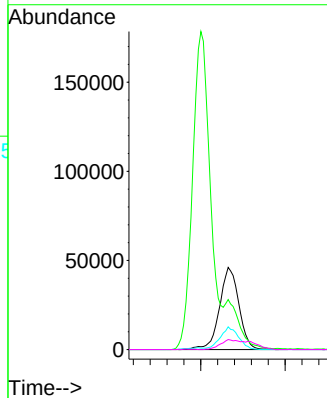
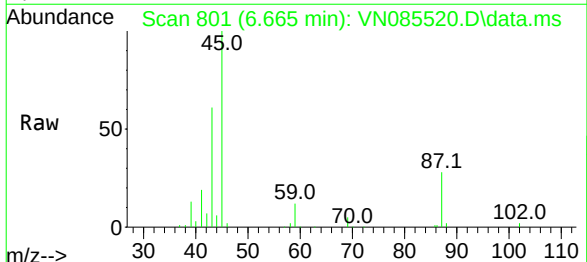
RT: 6.665 min Scan# 801

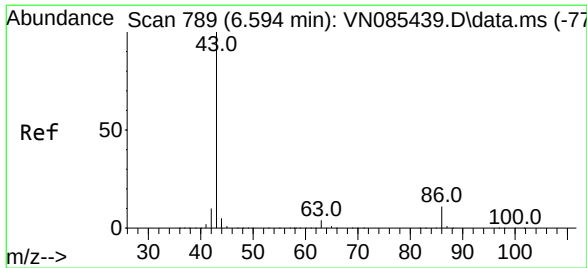
Delta R.T. -0.000 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Tgt Ion:	45	Resp:	147381
Ion	Ratio	Lower	Upper
45	100		
43	59.4	45.0	67.6
87	27.7	21.8	32.8
59	12.2	10.2	15.2





#23

Vinyl Acetate

Concen: 95.132 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD01

Tgt Ion: 43 Resp: 518523

Ion Ratio Lower Upper

43 100

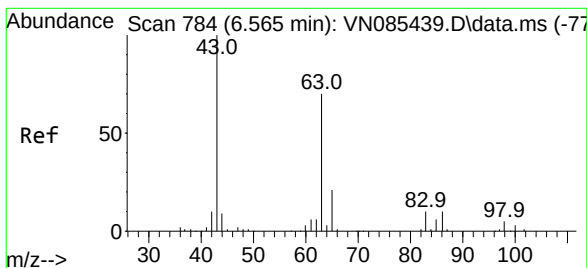
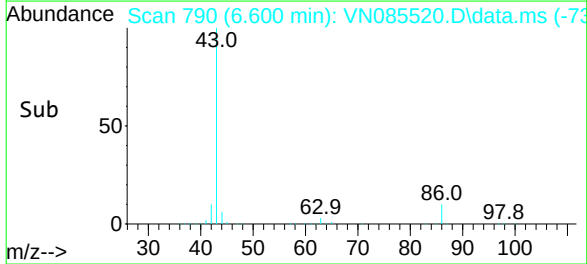
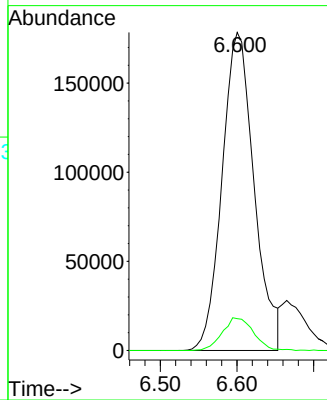
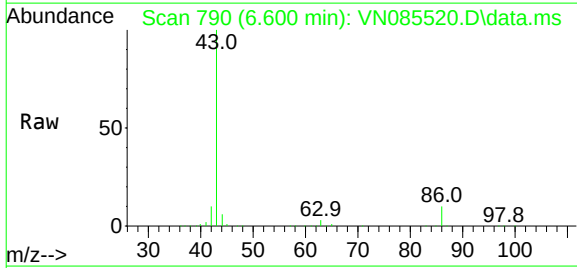
86 10.0 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#24

1,1-Dichloroethane

Concen: 17.743 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

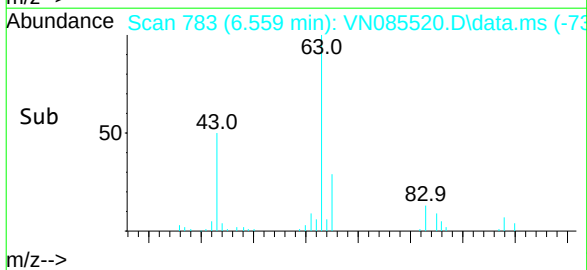
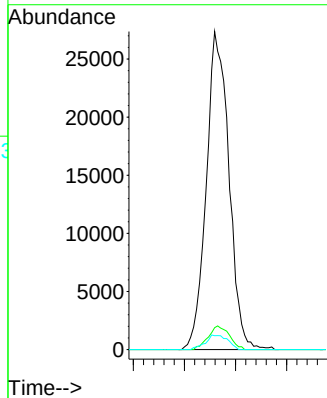
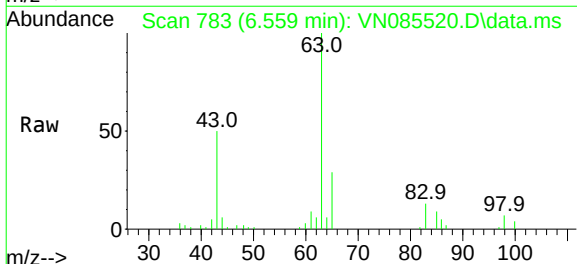
Tgt Ion: 63 Resp: 84264

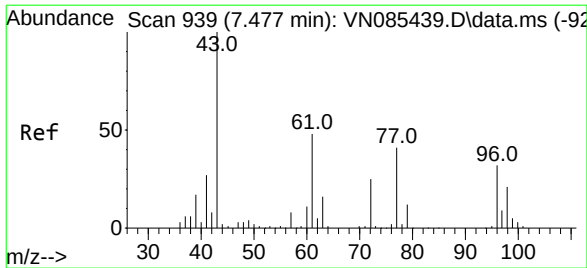
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

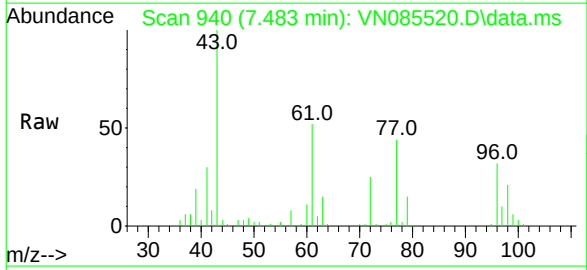
100 4.4 2.0 6.0





#25
2-Butanone
Concen: 98.058 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

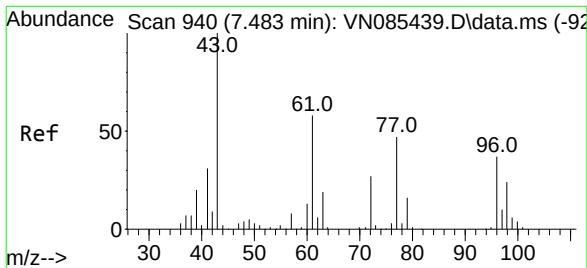
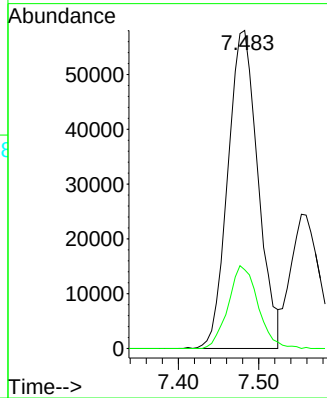
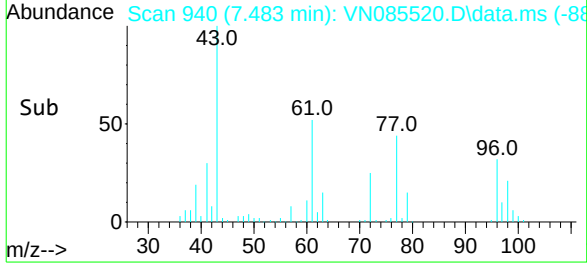
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion: 43 Resp: 151647
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.4

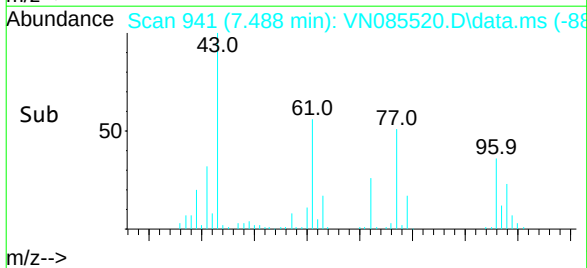
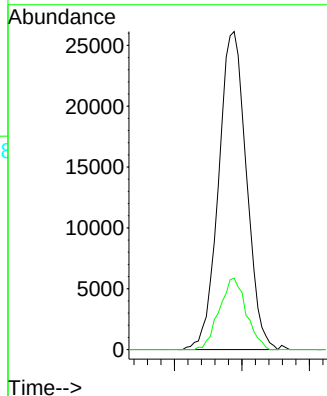
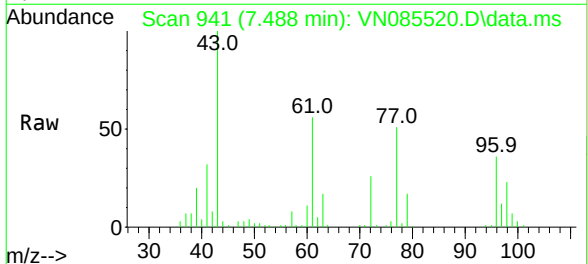
Manual Integrations
APPROVED

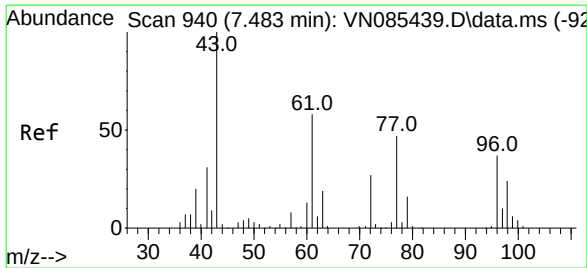
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#26
2,2-Dichloropropane
Concen: 19.490 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

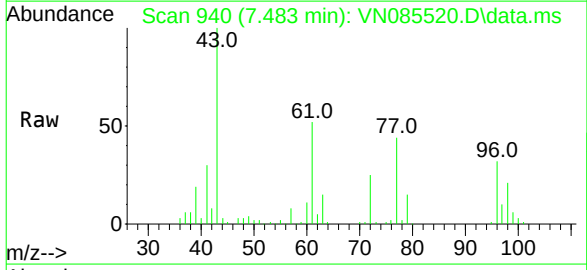
Tgt Ion: 77 Resp: 74832
Ion Ratio Lower Upper
77 100
97 21.7 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 17.741 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46

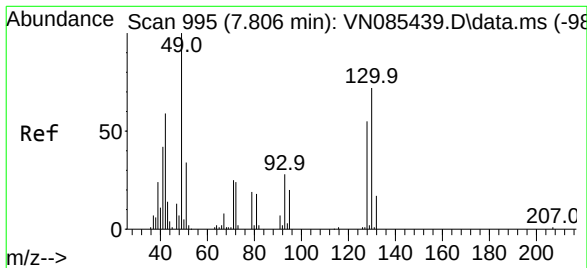
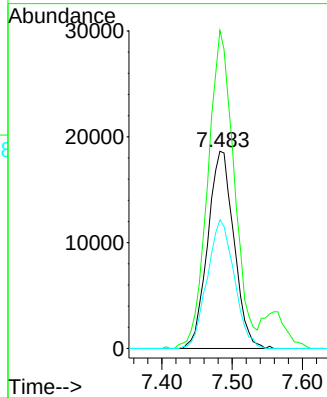
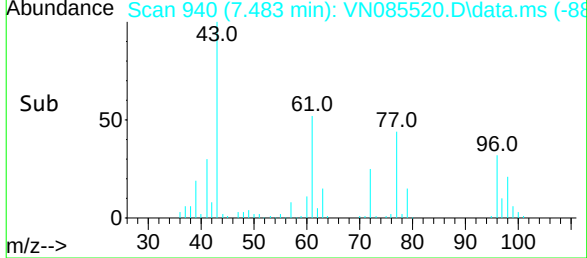
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD01



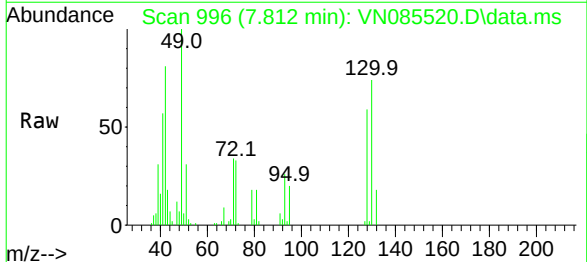
Tgt Ion: 96 Resp: 48296
 Ion Ratio Lower Upper
 96 100
 61 161.9 0.0 311.8
 98 67.2 0.0 126.0

Manual Integrations
 APPROVED

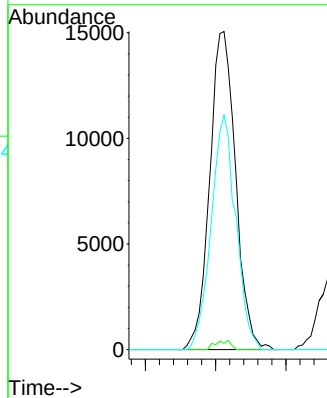
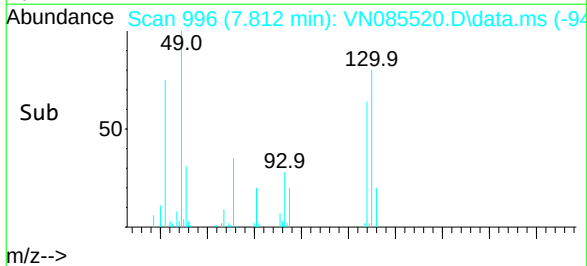
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025

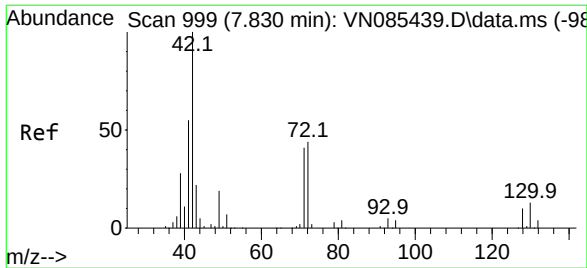


#28
 Bromochloromethane
 Concen: 17.461 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46



Tgt Ion: 49 Resp: 38579
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 70.2 55.0 82.4





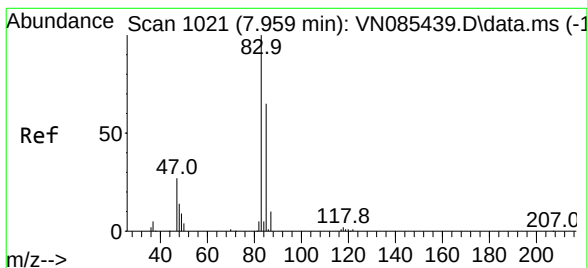
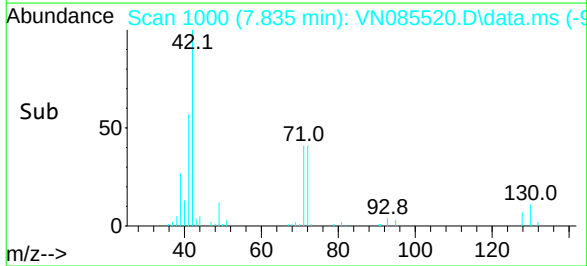
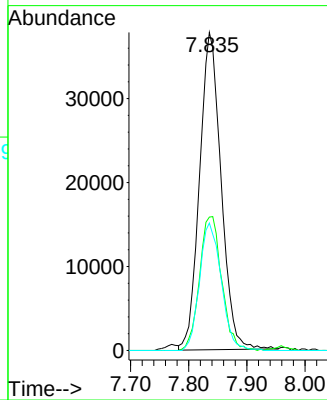
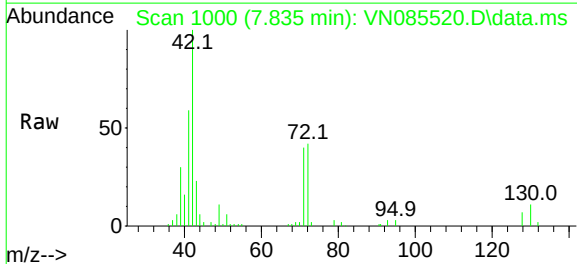
#29
Tetrahydrofuran
Concen: 99.134 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 42 Resp: 97200
Ion Ratio Lower Upper
42 100
72 43.5 34.2 51.2
71 40.5 32.5 48.7

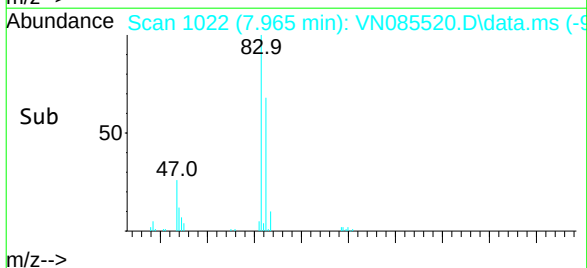
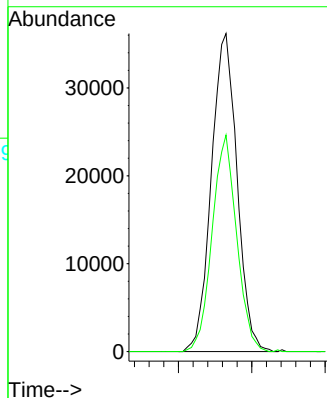
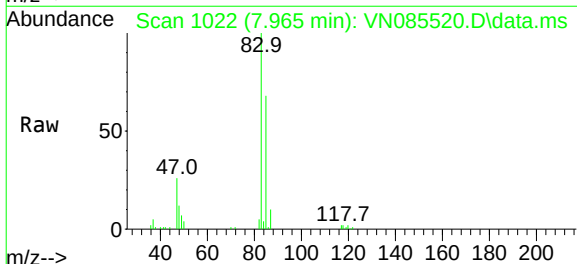
Manual Integrations
APPROVED

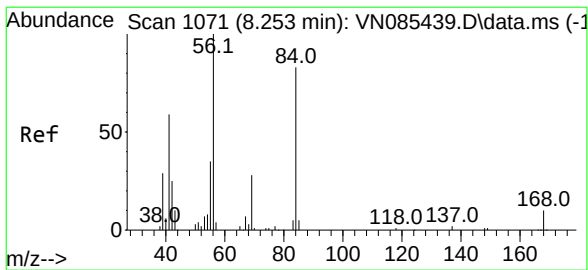
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#30
Chloroform
Concen: 17.925 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

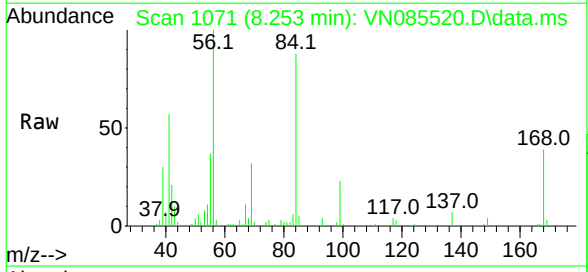
Tgt Ion: 83 Resp: 87982
Ion Ratio Lower Upper
83 100
85 68.1 51.8 77.6





#31
Cyclohexane
Concen: 16.096 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

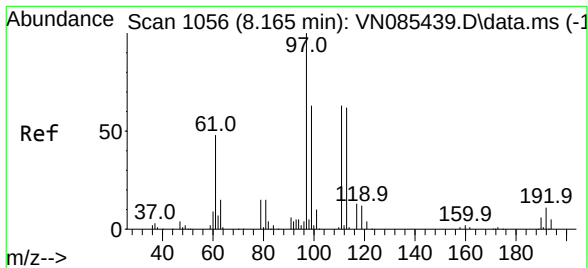
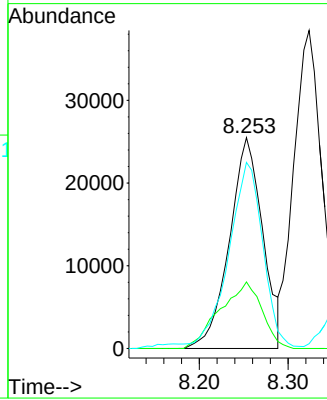
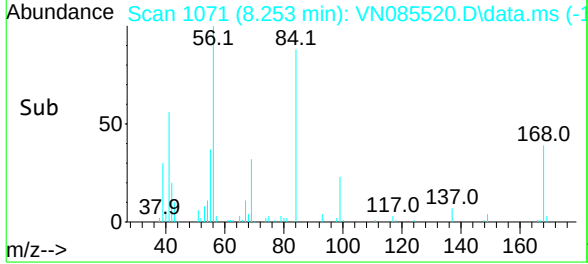
Instrument : MSVOA_N
ClientSampleId : VN0127WBSD01



Tgt Ion	56	Ratio	100	Lower	Upper
56	100				
69	31.6		22.2	33.4	
84	86.2		66.4	99.6	

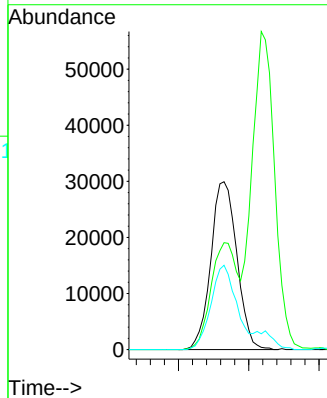
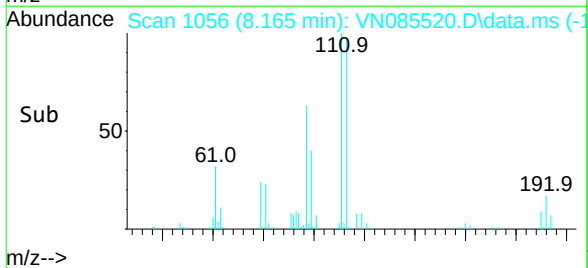
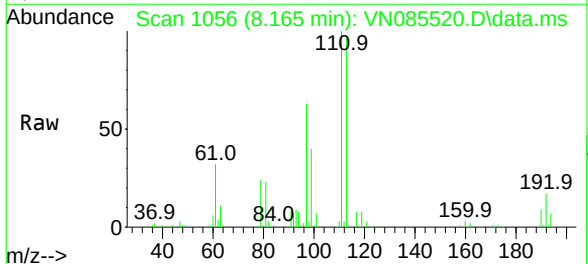
Manual Integrations
APPROVED

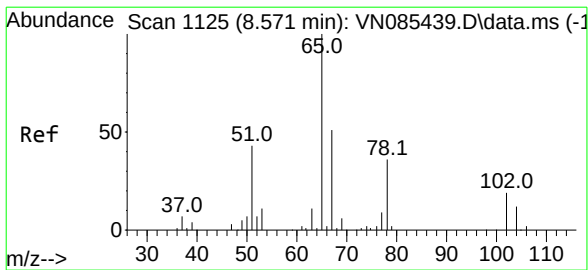
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#32
1,1,1-Trichloroethane
Concen: 17.920 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion	97	Ratio	100	Lower	Upper
97	100				
99	64.6		49.8	74.6	
61	50.0		41.4	62.2	





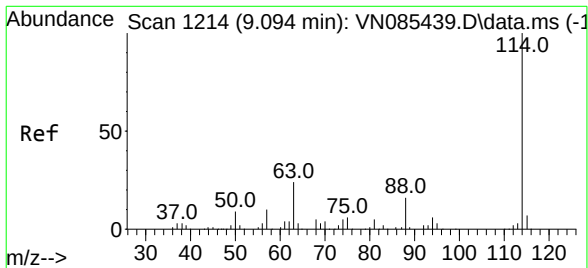
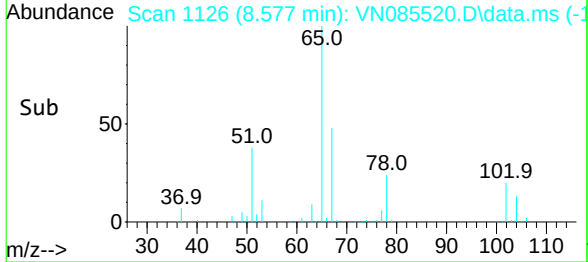
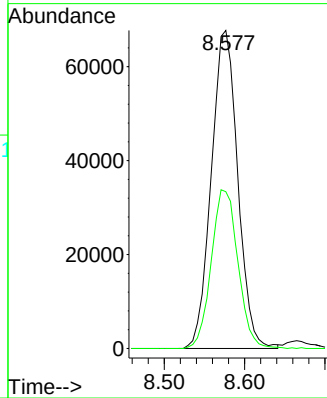
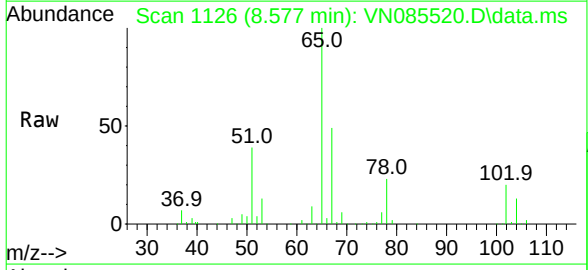
#33
1,2-Dichloroethane-d4
Concen: 47.644 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 65 Resp: 154960
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6

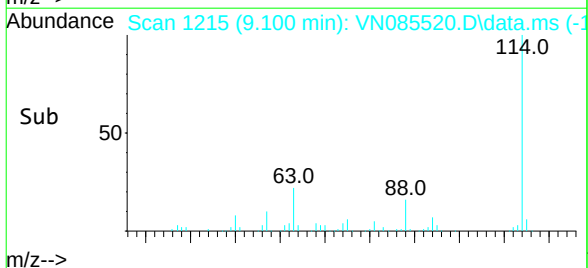
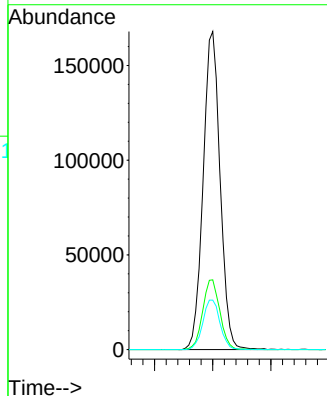
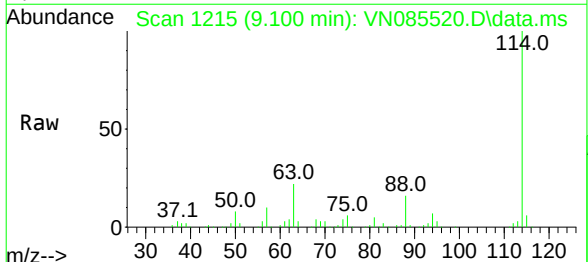
Manual Integrations
APPROVED

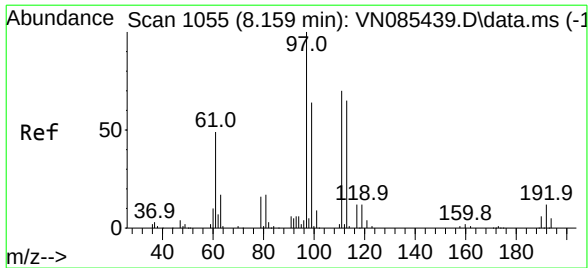
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:114 Resp: 340191
Ion Ratio Lower Upper
114 100
63 21.9 0.0 47.6
88 15.5 0.0 32.6





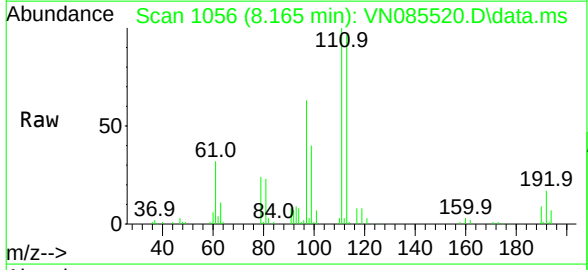
#35
 Dibromofluoromethane
 Concen: 47.966 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD01



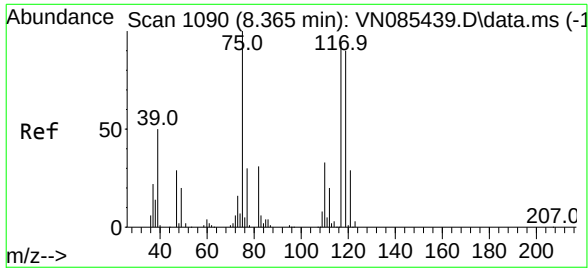
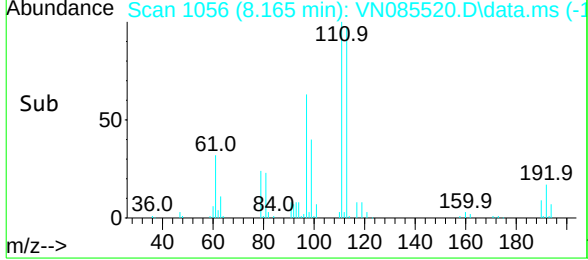
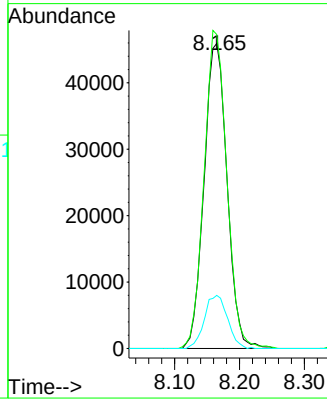
Tgt Ion:	113	Resp:	113203
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	17.5	14.3	21.5

Manual Integrations

APPROVED

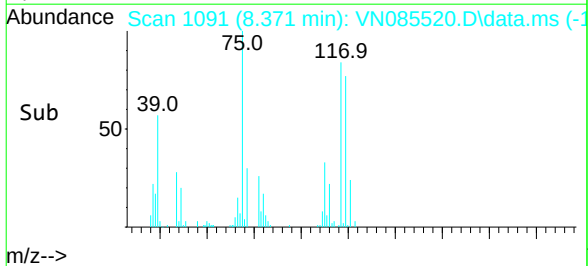
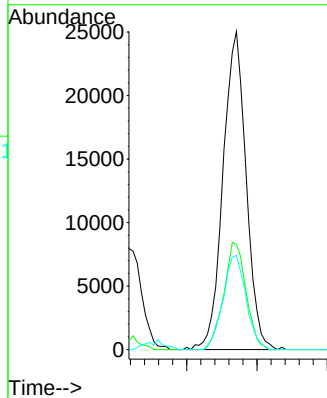
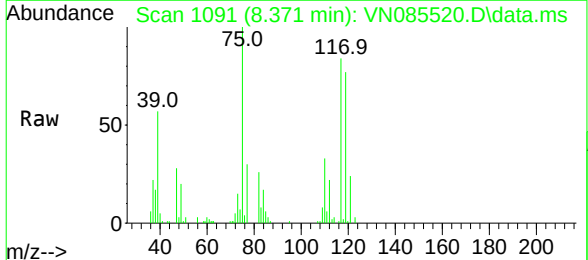
Reviewed By :John Carlone 01/28/2025

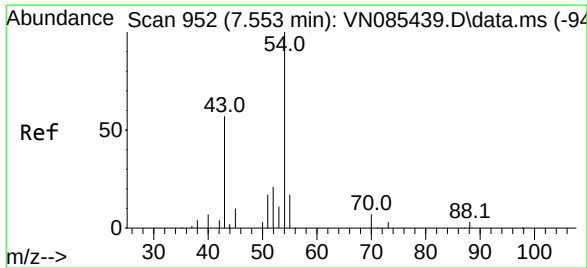
Supervised By :Mahesh Dadoda 01/28/2025



#36
 1,1-Dichloropropene
 Concen: 17.249 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46

Tgt Ion:	75	Resp:	57133
Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.5	49.5
77	29.7	24.4	36.6





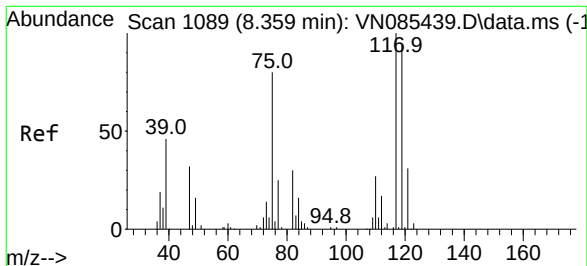
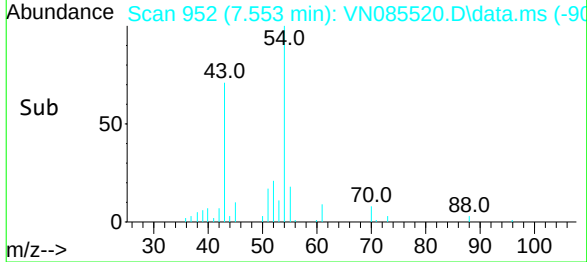
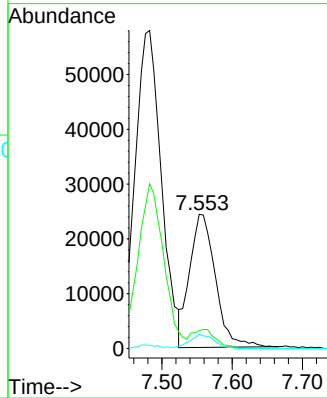
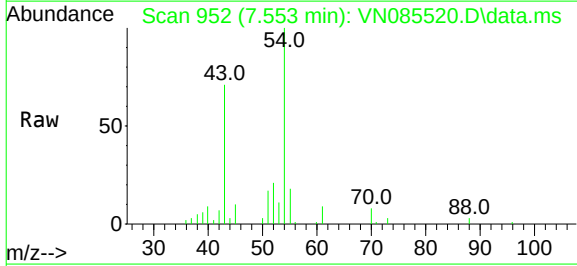
#37
Ethyl Acetate
Concen: 18.528 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 43 Resp: 61946
Ion Ratio Lower Upper
43 100
61 13.2 10.9 16.3
70 10.1 7.5 11.3

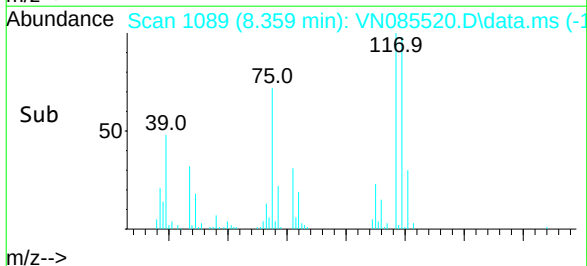
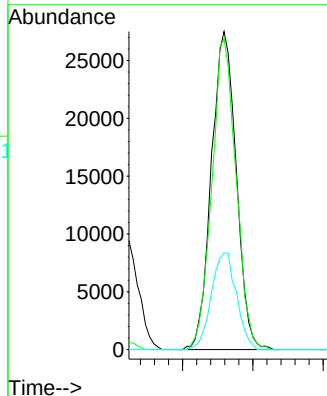
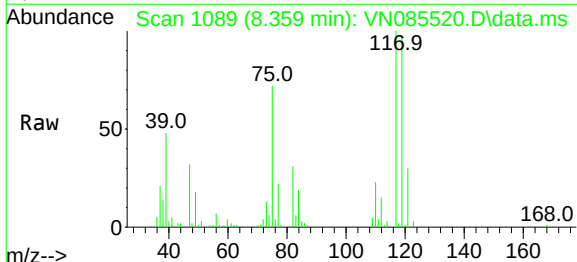
Manual Integrations
APPROVED

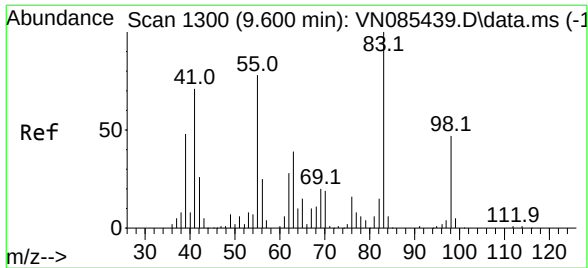
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#38
Carbon Tetrachloride
Concen: 17.801 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:117 Resp: 67504
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.2
121 30.4 24.6 37.0





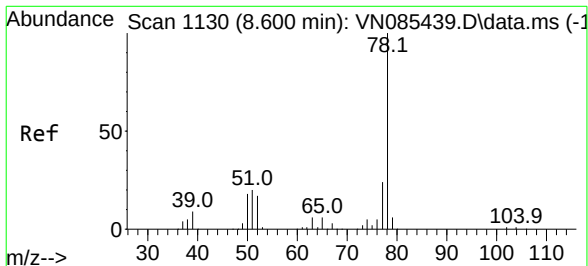
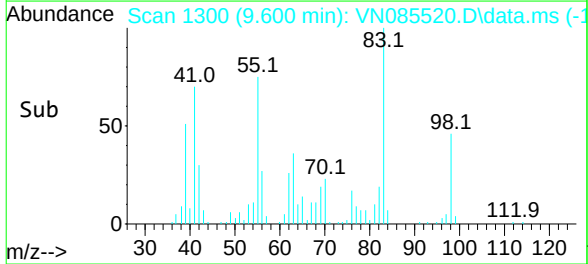
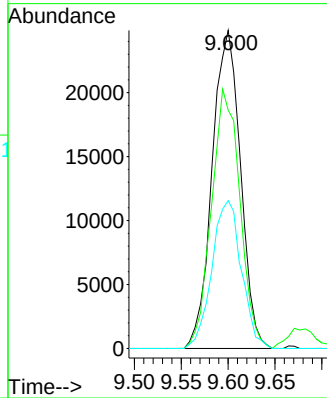
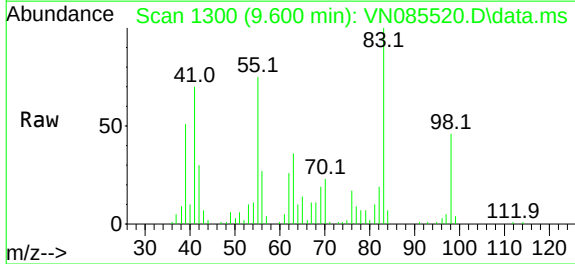
#39
Methylcyclohexane
Concen: 16.801 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion:	83	Resp:	52296
Ion	Ratio	Lower	Upper
83	100		
55	75.0	62.6	94.0
98	46.5	37.7	56.5

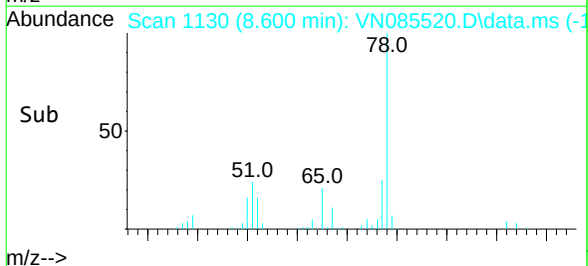
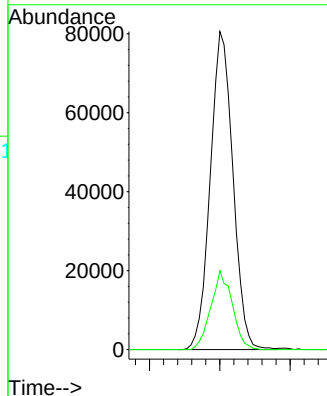
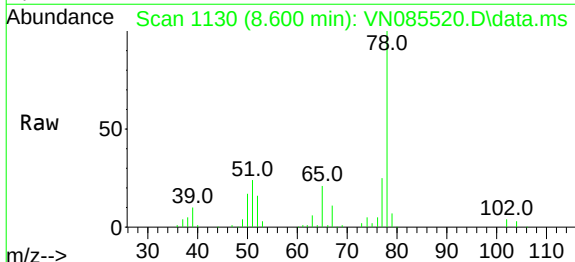
Manual Integrations
APPROVED

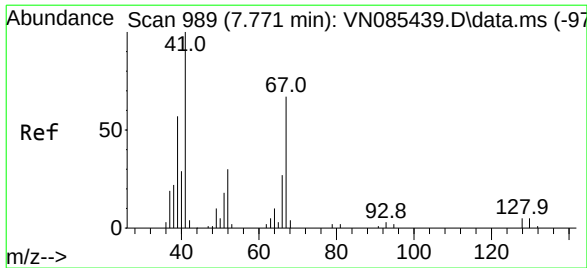
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#40
Benzene
Concen: 18.157 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:	78	Resp:	180711
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.6





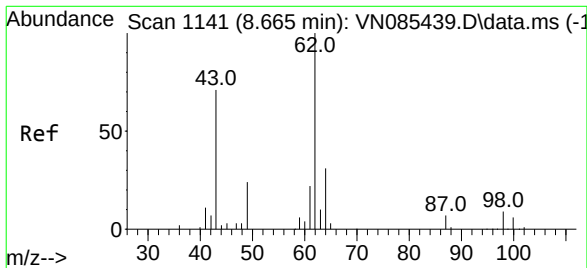
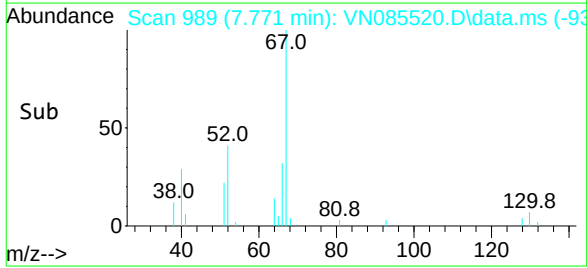
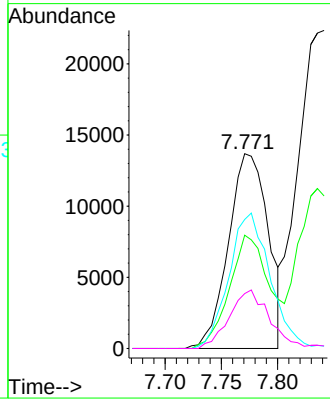
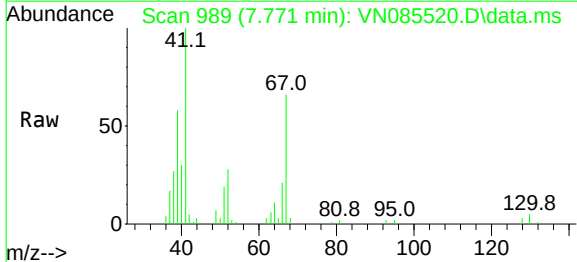
#41
Methacrylonitrile
Concen: 19.371 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion:	41	Resp:	33694
Ion	Ratio	Lower	Upper
41	100		
39	59.3	46.0	69.0
67	72.0	57.4	86.2
52	30.2	25.5	38.3

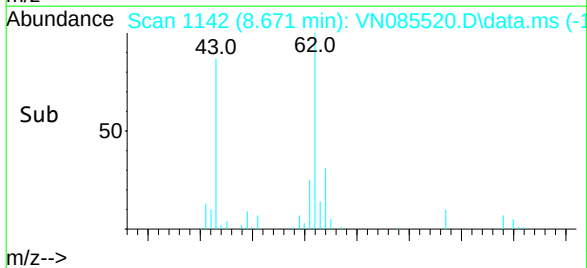
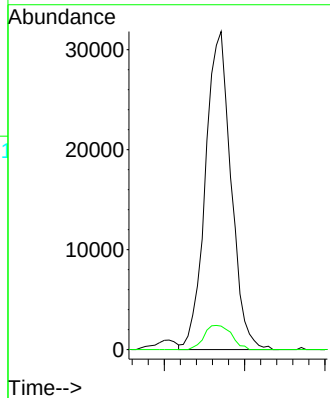
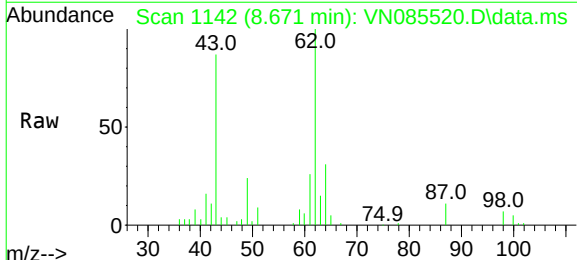
Manual Integrations
APPROVED

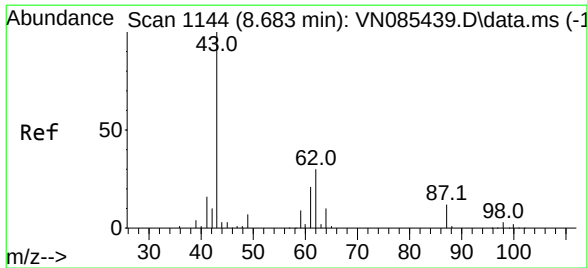
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#42
1,2-Dichloroethane
Concen: 18.807 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:	62	Resp:	70495
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 19.333 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD01

Tgt Ion: 43 Resp: 103570

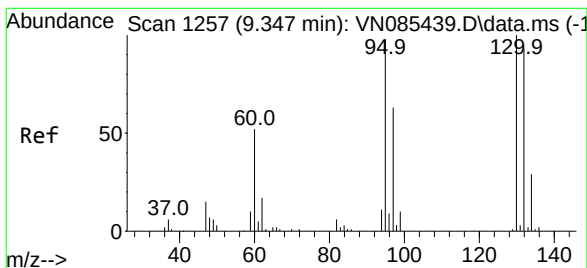
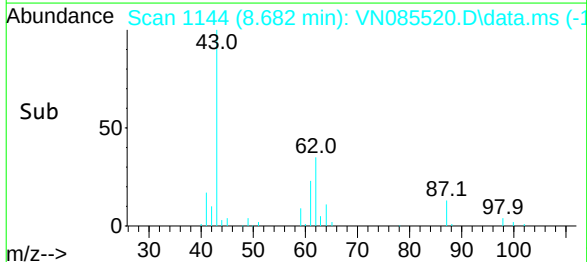
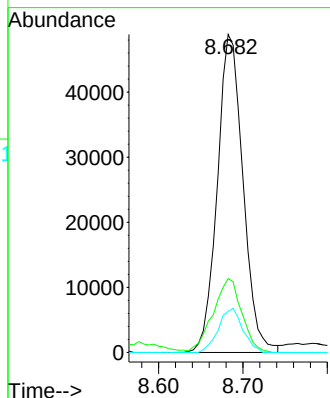
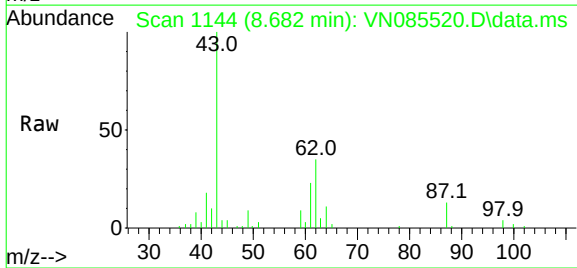
Ion	Ratio	Lower	Upper
43	100		
61	25.9	20.7	31.1
87	13.1	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#44

Trichloroethene

Concen: 17.908 ug/l

RT: 9.347 min Scan# 1257

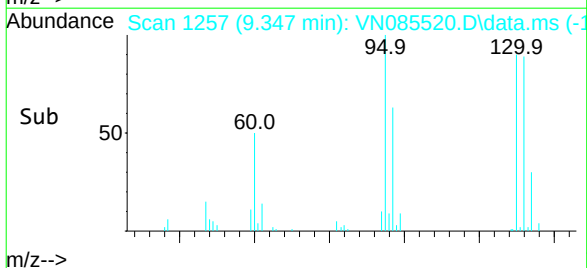
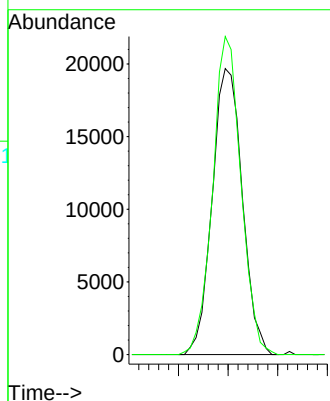
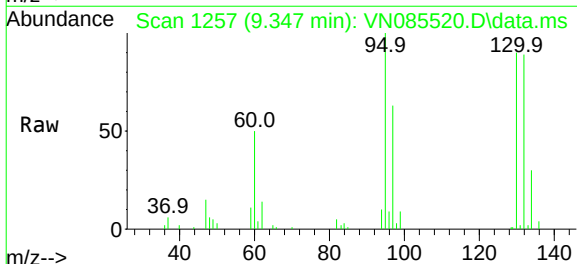
Delta R.T. -0.000 min

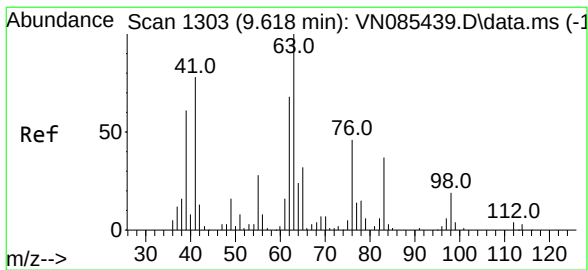
Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Tgt Ion:130 Resp: 41488

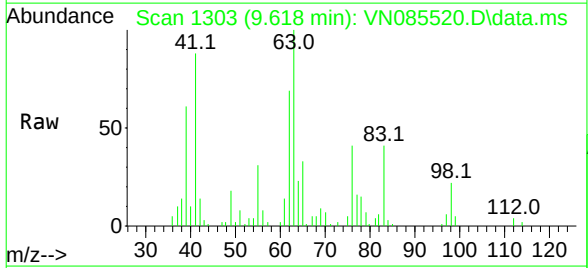
Ion	Ratio	Lower	Upper
130	100		
95	111.2	0.0	195.8





#45
1,2-Dichloropropane
Concen: 18.074 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

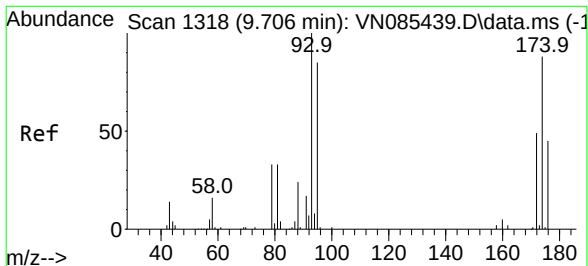
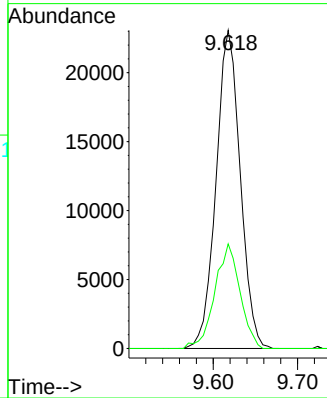
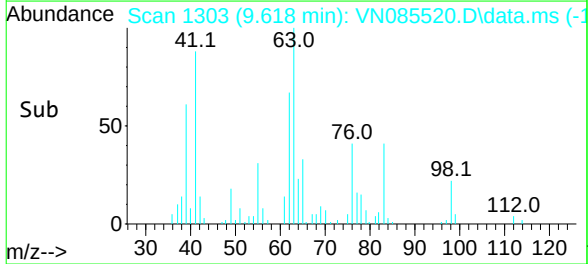
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion: 63 Resp: 45946
Ion Ratio Lower Upper
63 100
65 32.9 25.6 38.4

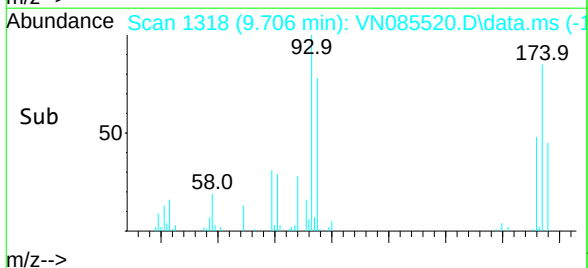
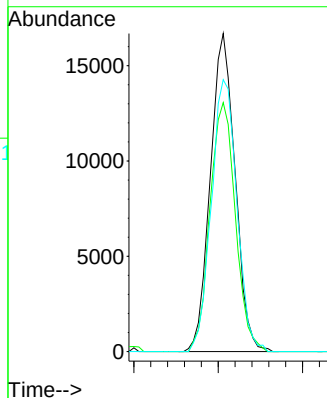
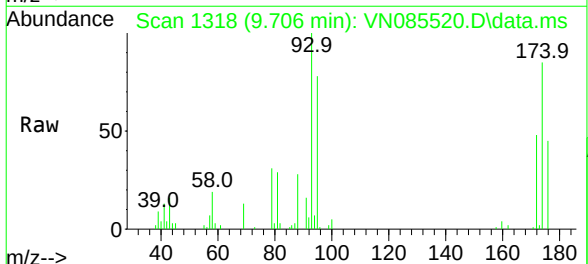
Manual Integrations
APPROVED

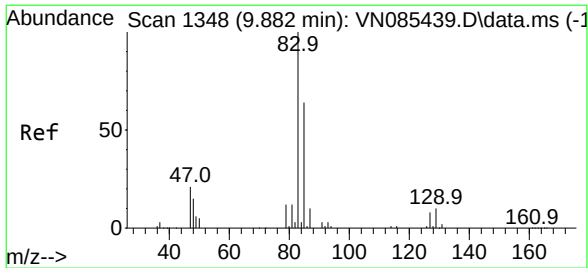
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#46
Dibromomethane
Concen: 18.515 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion: 93 Resp: 33962
Ion Ratio Lower Upper
93 100
95 80.5 64.7 97.1
174 88.2 69.0 103.4





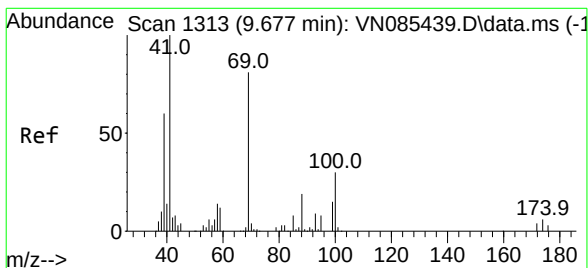
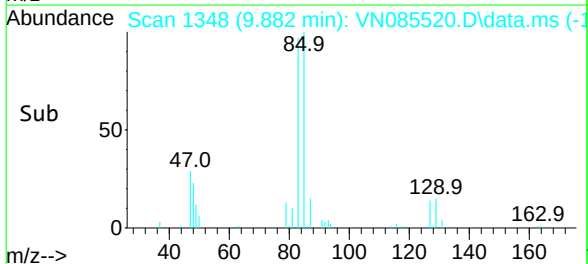
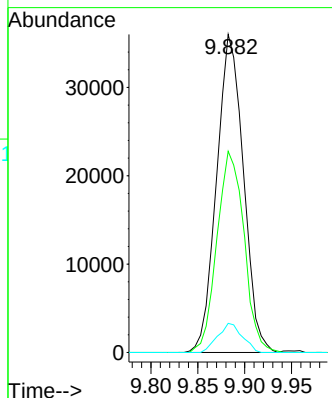
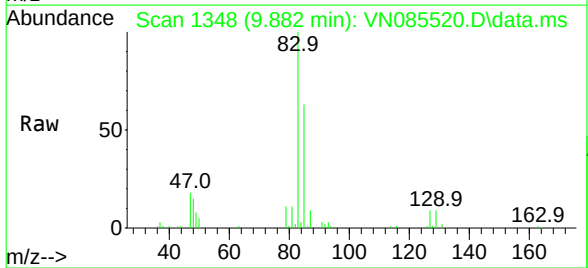
#47
 Bromodichloromethane
 Concen: 19.172 ug/l
 RT: 9.882 min Scan# 1348
 Delta R.T. 0.000 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD01

Tgt Ion:	83	Resp:	71647
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.2	76.8
127	9.2	6.5	9.7

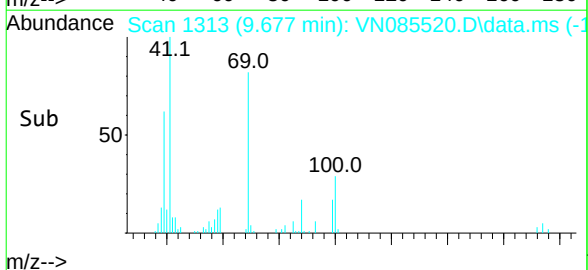
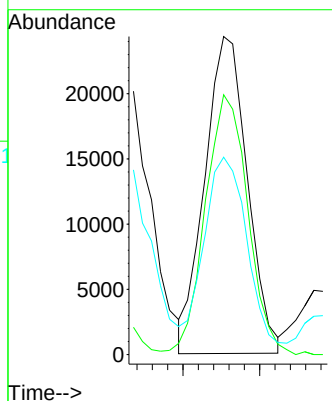
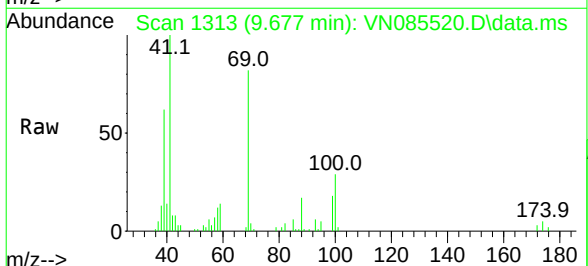
Manual Integrations
 APPROVED

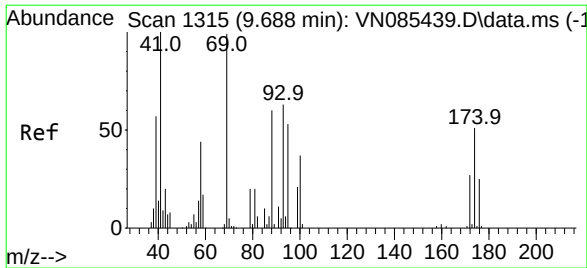
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025



#48
 Methyl methacrylate
 Concen: 19.457 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46

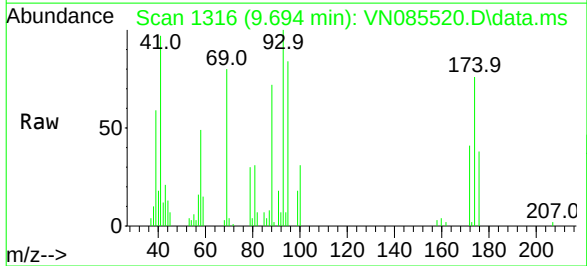
Tgt Ion:	41	Resp:	46908
Ion	Ratio	Lower	Upper
41	100		
69	82.0	64.7	97.1
39	64.8	49.0	73.6





#49
1,4-Dioxane
Concen: 420.559 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

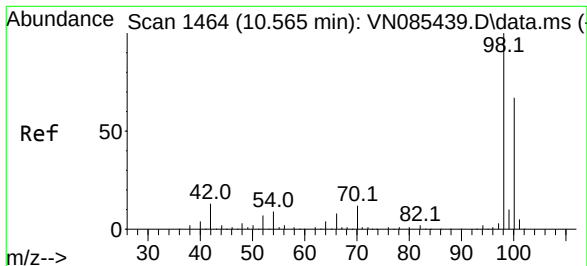
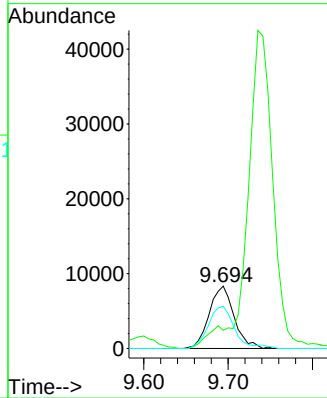
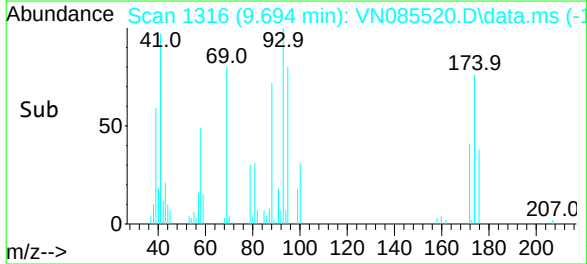
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion: 88 Resp: 17074
Ion Ratio Lower Upper
88 100
43 24.9 26.6 39.8#
58 71.3 59.5 89.3

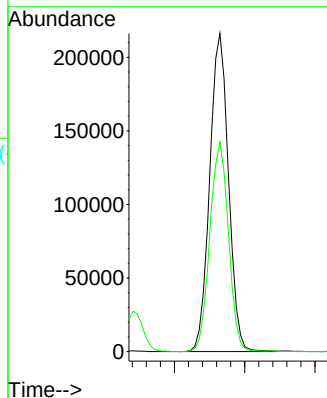
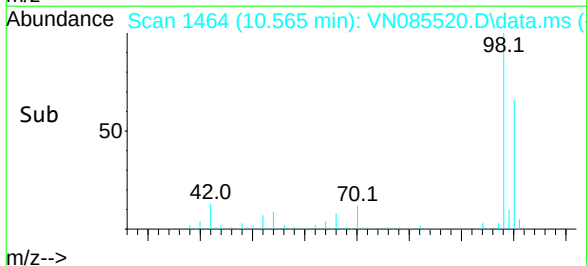
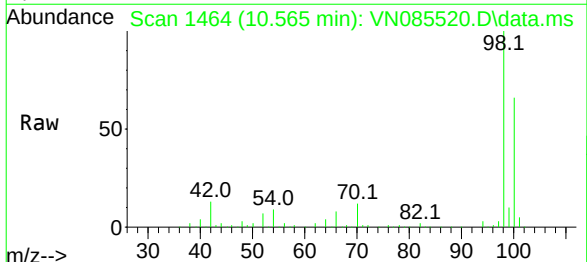
Manual Integrations
APPROVED

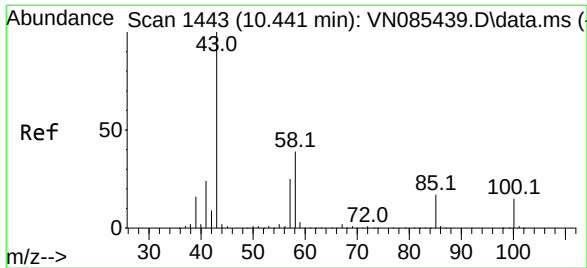
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#50
Toluene-d8
Concen: 47.828 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion: 98 Resp: 401058
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4





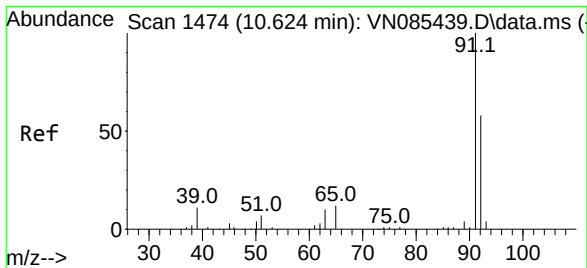
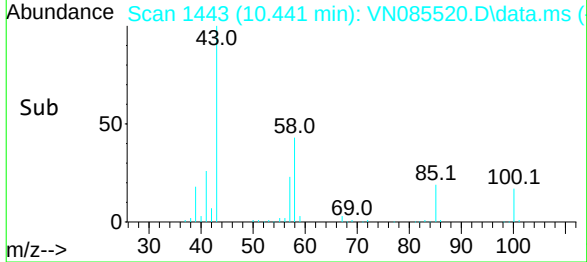
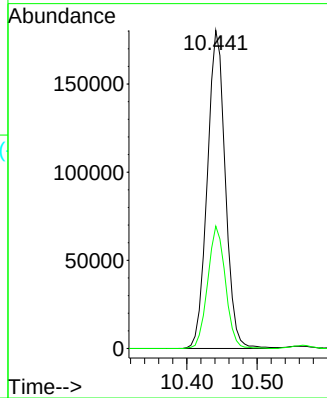
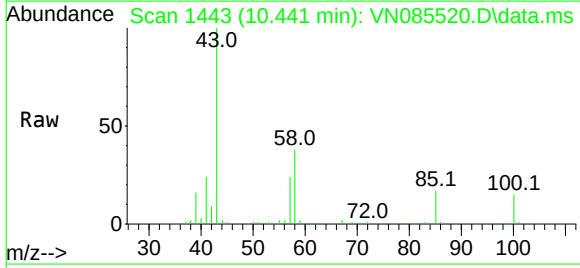
#51
4-Methyl-2-Pentanone
Concen: 103.202 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 43 Resp: 320825
Ion Ratio Lower Upper
43 100
58 37.9 30.5 45.7

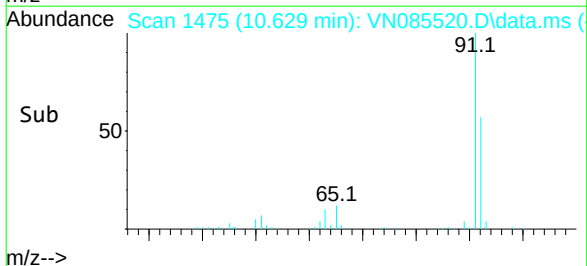
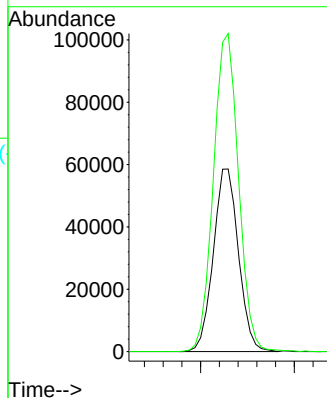
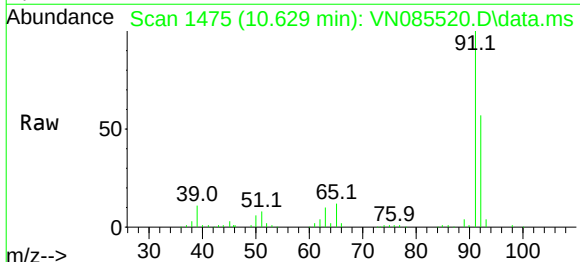
Manual Integrations
APPROVED

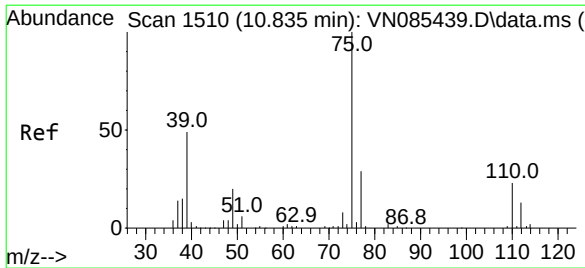
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#52
Toluene
Concen: 18.925 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

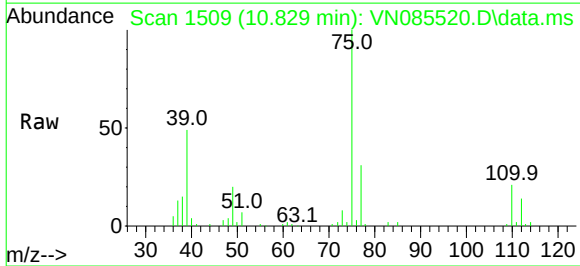
Tgt Ion: 92 Resp: 109132
Ion Ratio Lower Upper
92 100
91 174.3 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 19.518 ug/l
 RT: 10.829 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46

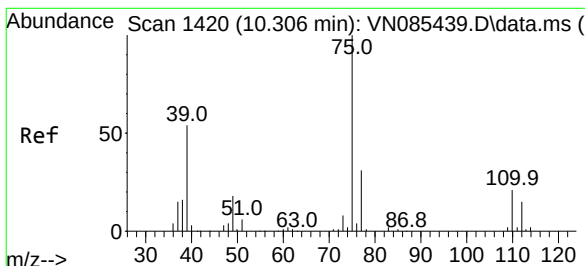
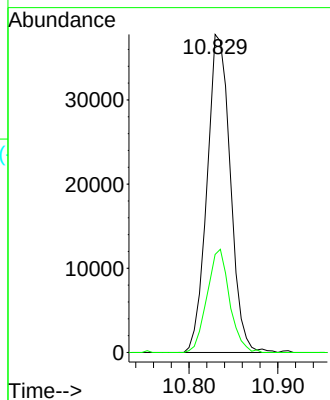
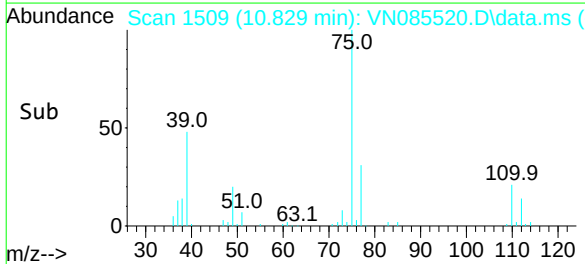
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD01



Tgt Ion: 75 Resp: 68929
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.5 35.3

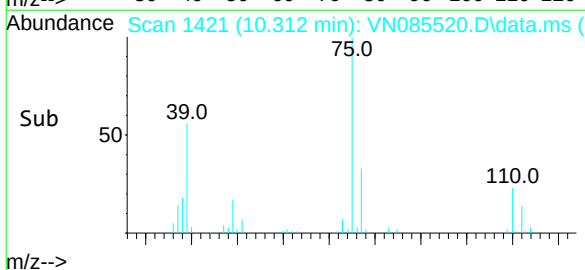
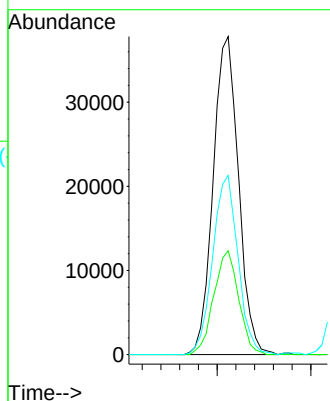
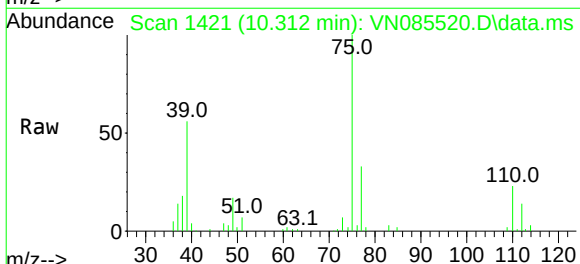
Manual Integrations
 APPROVED

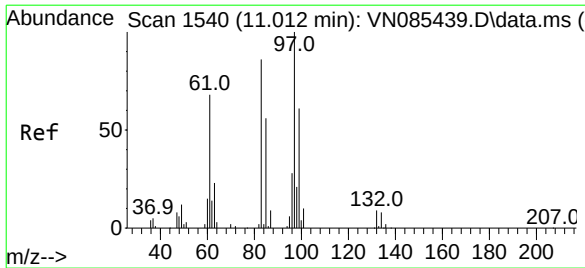
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025



#54
 cis-1,3-Dichloropropene
 Concen: 18.857 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085520.D
 Acq: 27 Jan 2025 16:46

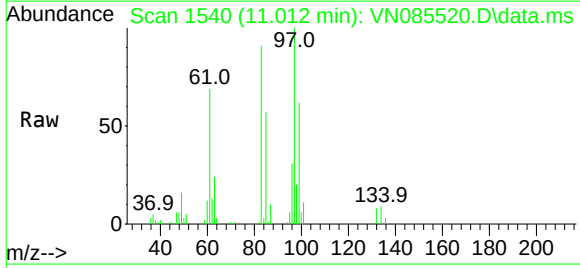
Tgt Ion: 75 Resp: 71135
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4
 39 56.3 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 19.386 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

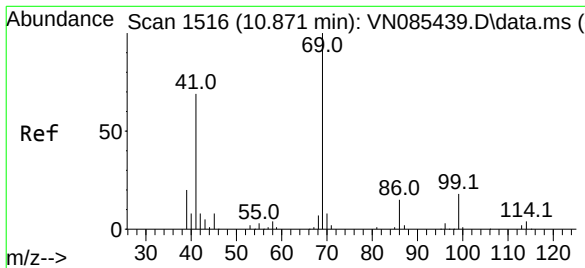
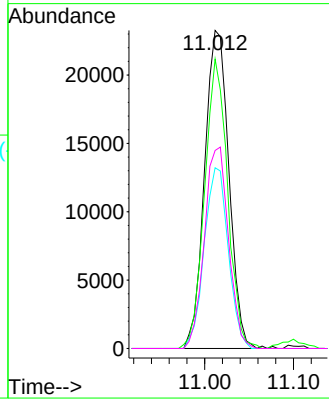
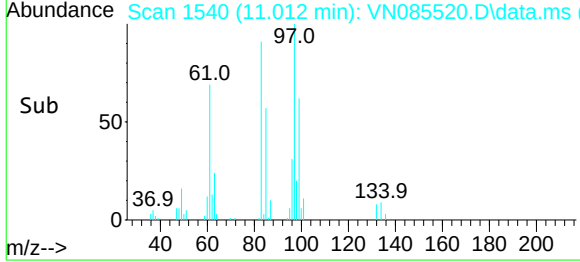
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



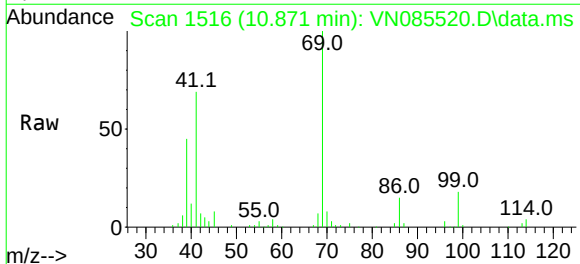
Tgt Ion:	97	Resp:	44242
Ion	Ratio	Lower	Upper
97	100		
83	91.0	69.0	103.6
85	56.8	44.6	66.8
99	62.3	48.6	72.8

Manual Integrations
APPROVED

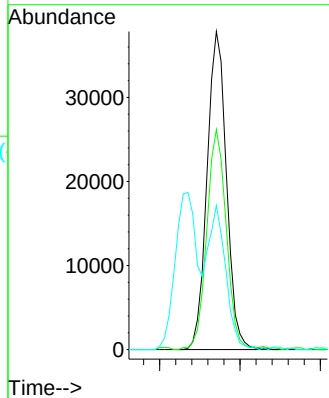
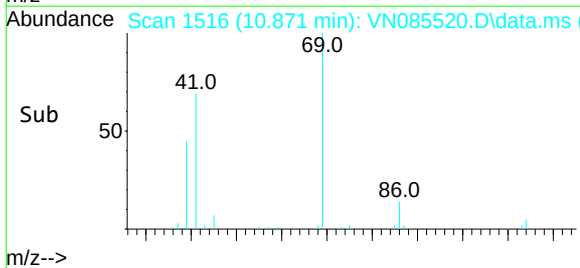
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

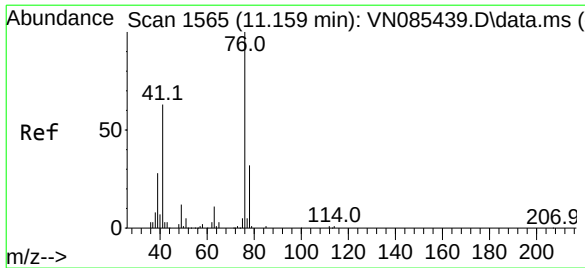


#56
Ethyl methacrylate
Concen: 17.842 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46



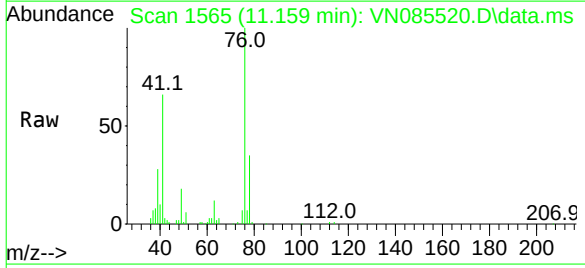
Tgt Ion:	69	Resp:	63624
Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.6	82.0
39	41.8	32.4	48.6





#57
1,3-Dichloropropane
Concen: 18.805 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

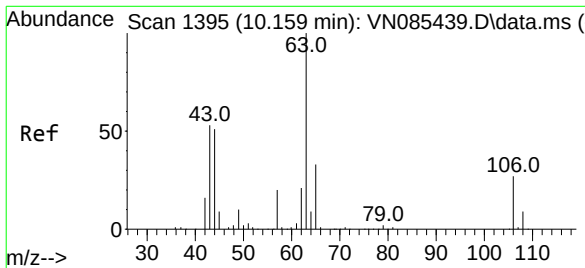
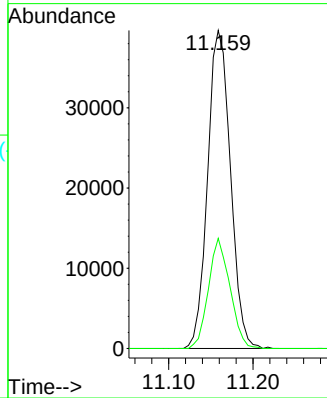
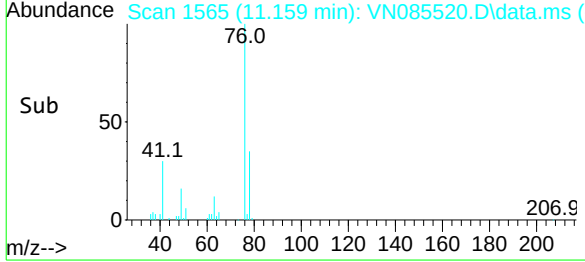
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion: 76 Resp: 74624
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

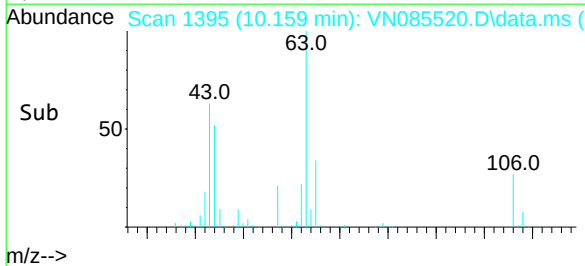
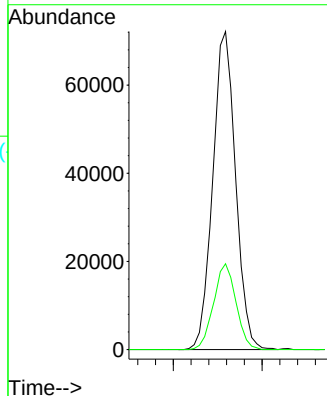
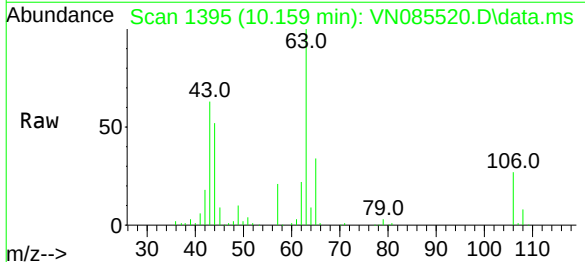
Manual Integrations
APPROVED

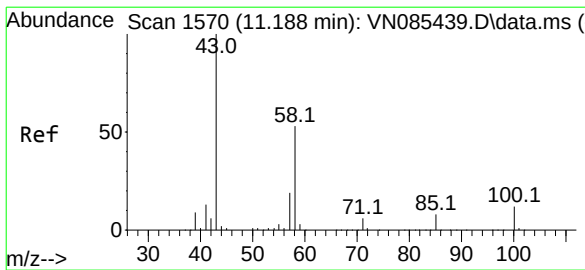
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 88.832 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion: 63 Resp: 128650
Ion Ratio Lower Upper
63 100
106 26.5 21.6 32.4





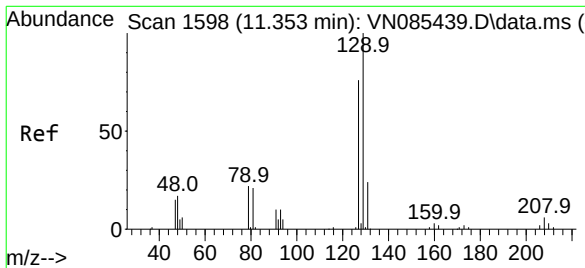
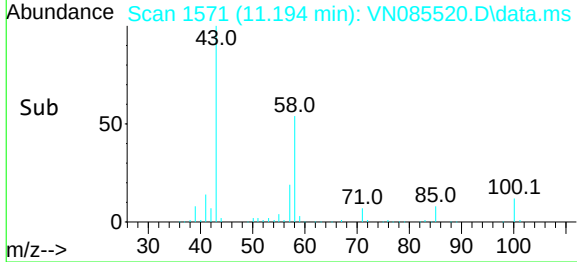
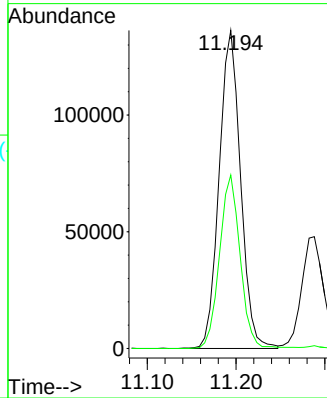
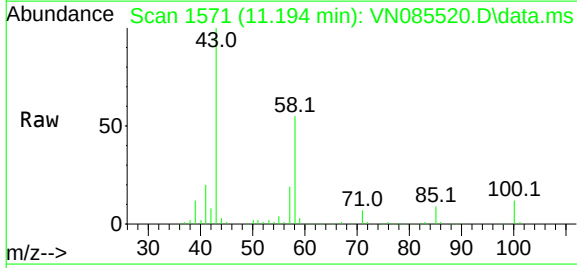
#59
2-Hexanone
Concen: 104.275 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 43 Resp: 228088
Ion Ratio Lower Upper
43 100
58 52.6 26.2 78.6

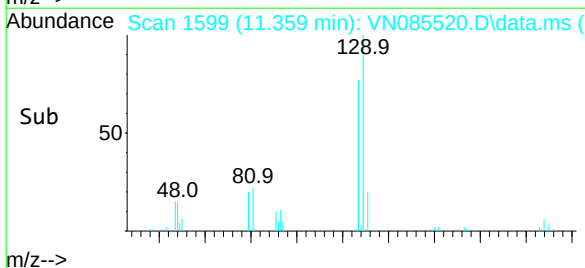
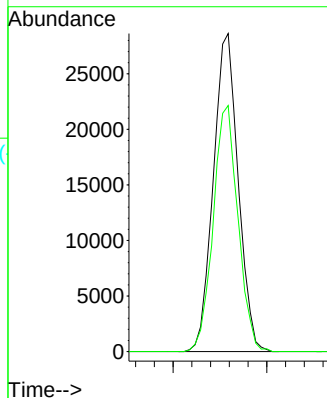
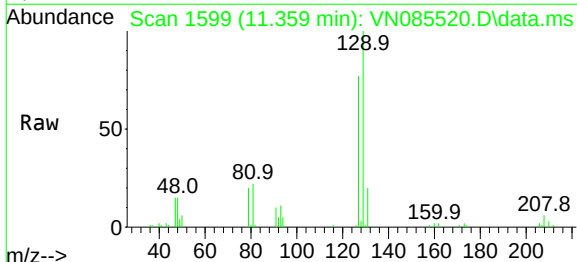
Manual Integrations
APPROVED

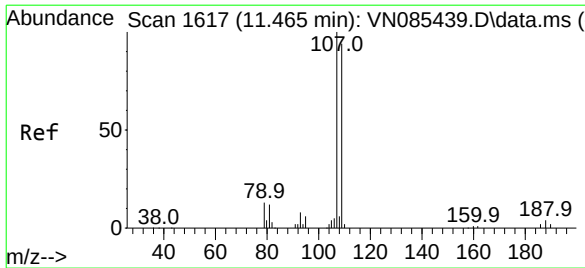
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#60
Dibromochloromethane
Concen: 19.102 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:129 Resp: 52631
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





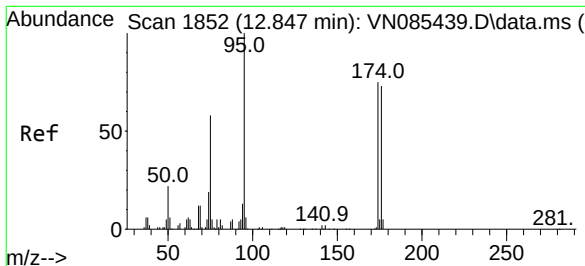
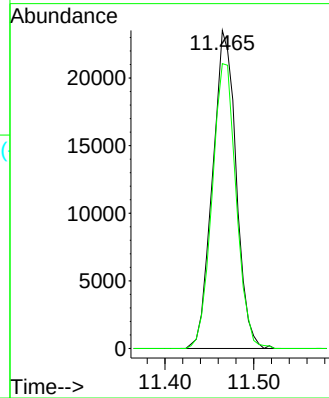
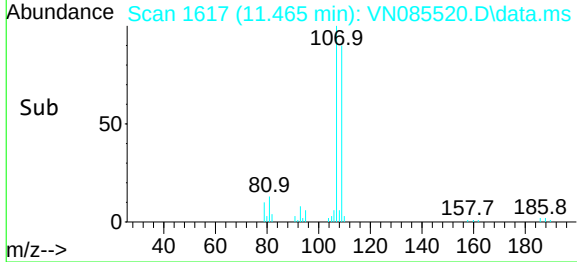
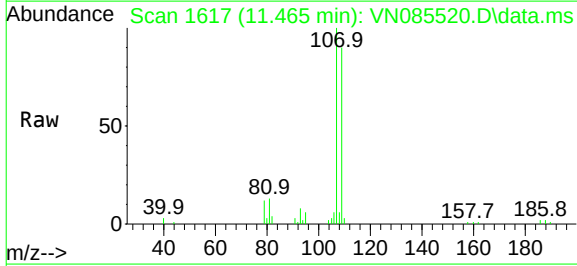
#61
1,2-Dibromoethane
Concen: 19.096 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 107 Resp: 43380
Ion Ratio Lower Upper
107 100
109 91.3 75.9 113.9

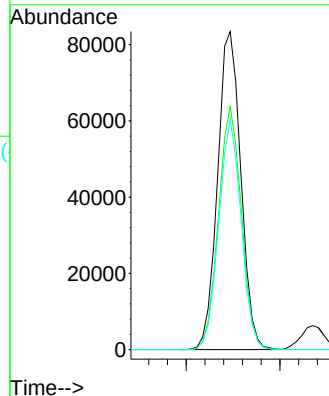
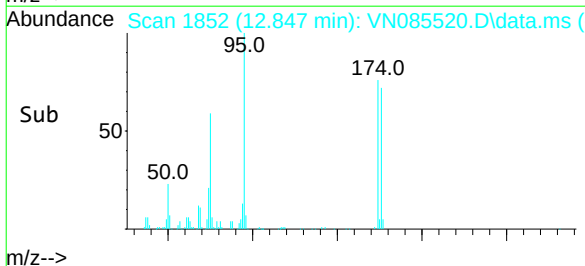
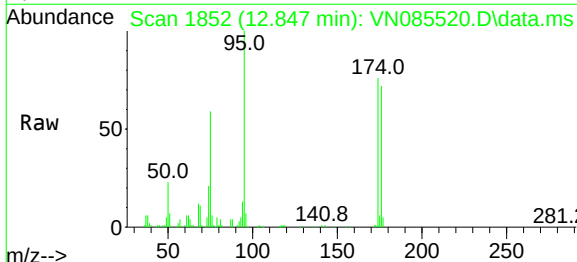
Manual Integrations
APPROVED

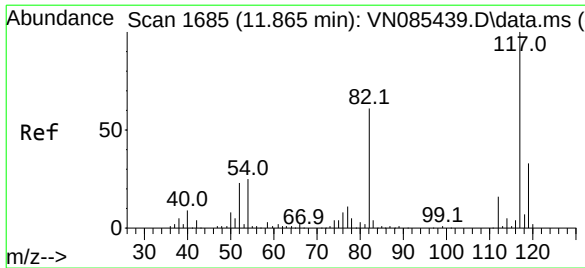
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#62
4-Bromofluorobenzene
Concen: 50.029 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion: 95 Resp: 143504
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.0
176 69.9 0.0 142.4





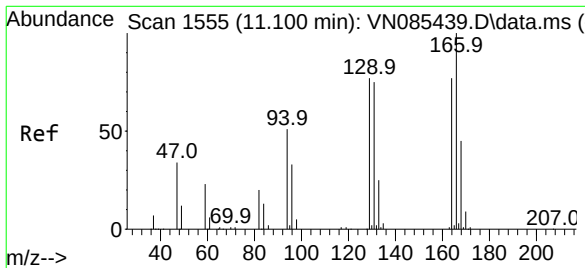
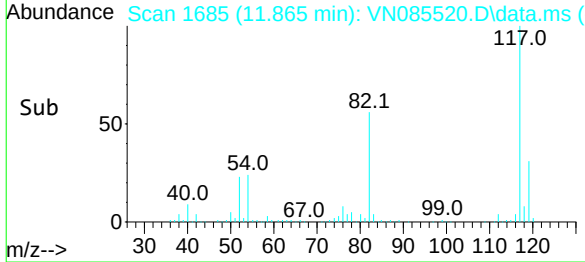
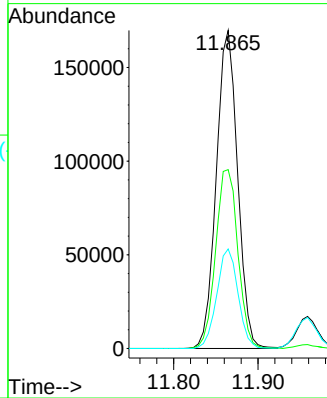
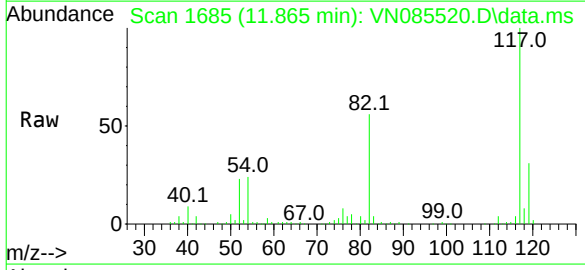
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion:	117	Resp:	297834
Ion	Ratio	Lower	Upper
117	100		
82	56.2	48.6	72.8
119	31.3	26.6	39.8

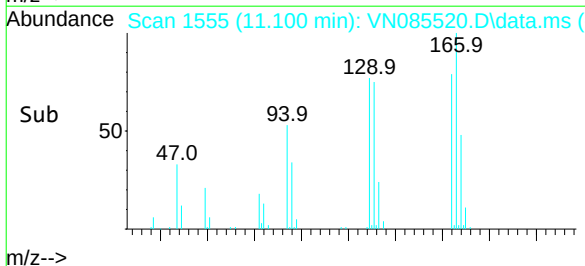
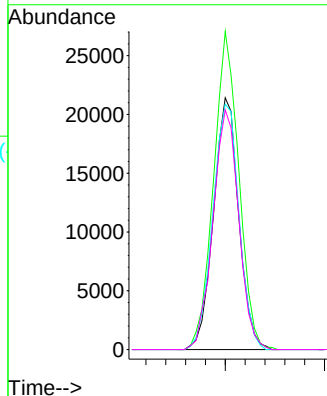
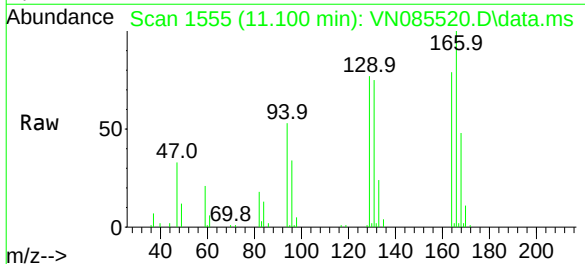
Manual Integrations
APPROVED

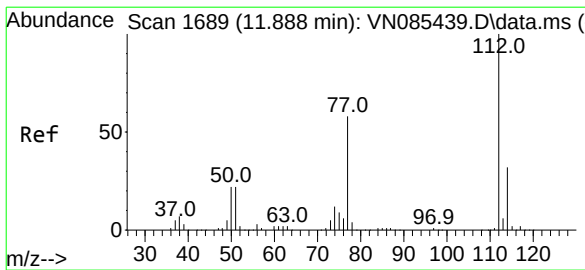
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#64
Tetrachloroethene
Concen: 18.573 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:	164	Resp:	37711
Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.4	155.2
129	97.5	79.2	118.8
131	95.2	77.1	115.7





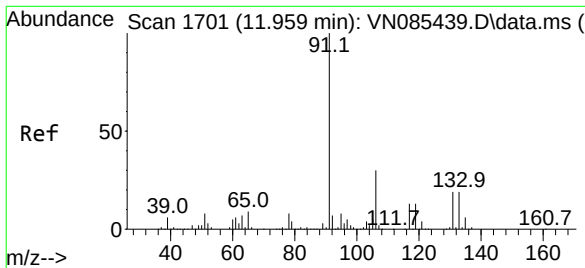
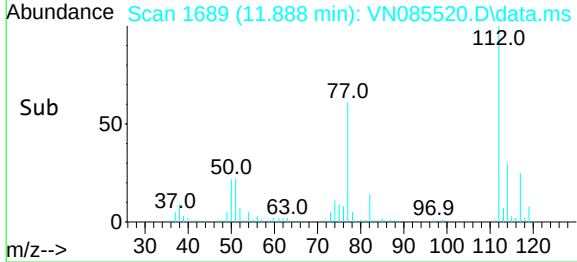
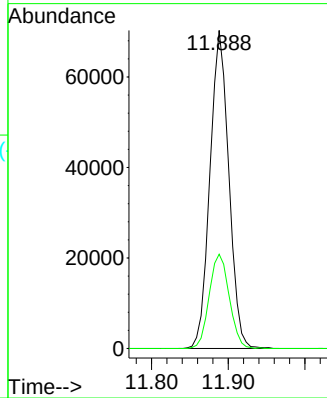
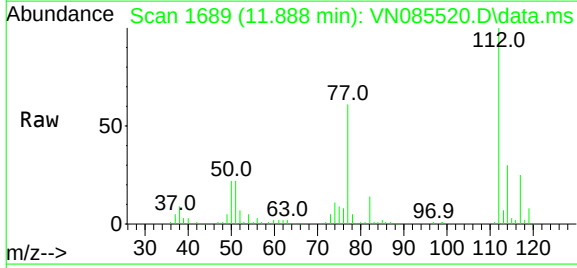
#65
Chlorobenzene
Concen: 18.399 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion:112 Resp: 120046
Ion Ratio Lower Upper
112 100
114 29.6 25.3 37.9

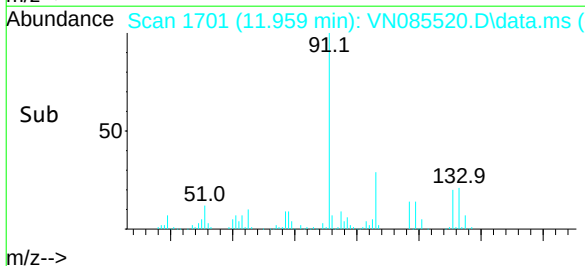
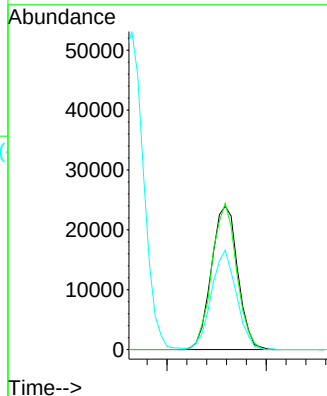
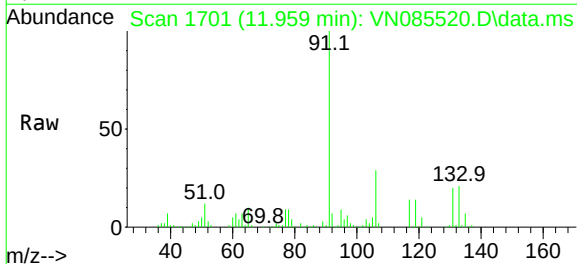
Manual Integrations
APPROVED

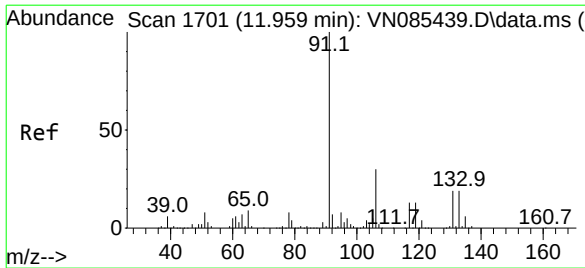
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.469 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:131 Resp: 44226
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 65.9 33.1 99.5





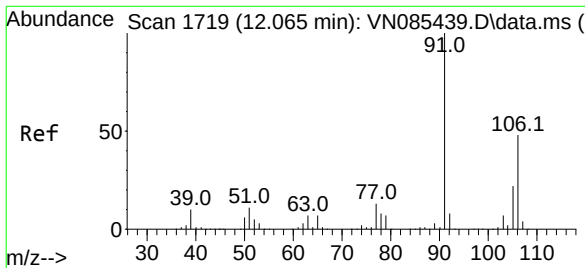
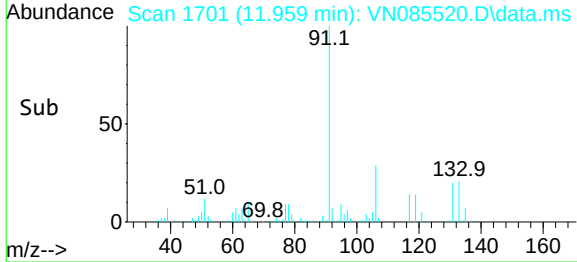
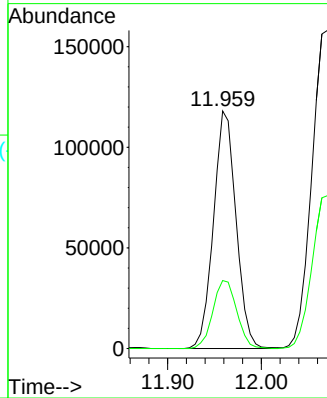
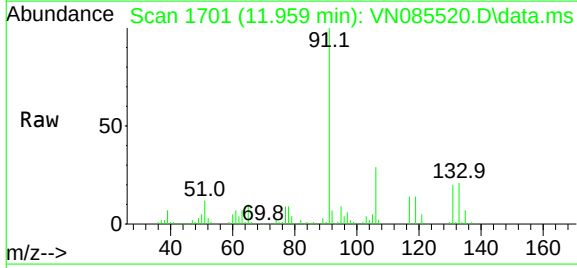
#67
Ethyl Benzene
Concen: 18.589 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 91 Resp: 197539
Ion Ratio Lower Upper
91 100
106 28.6 23.8 35.8

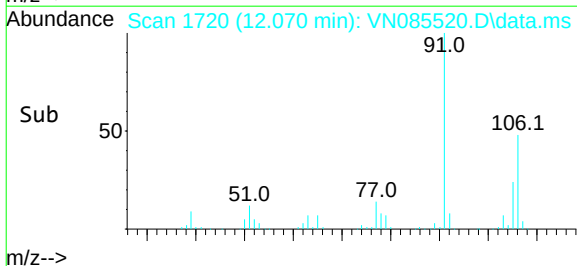
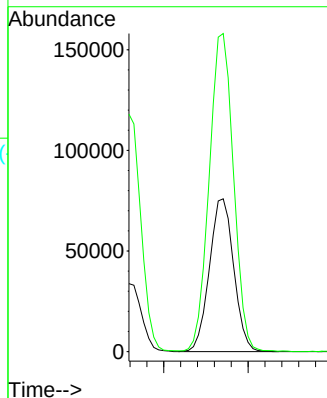
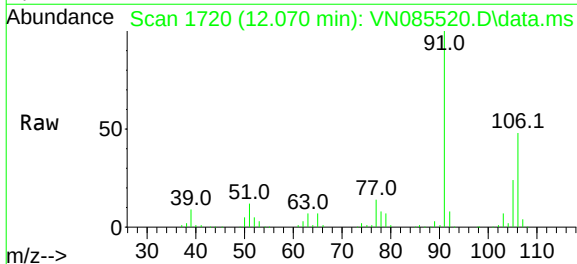
Manual Integrations
APPROVED

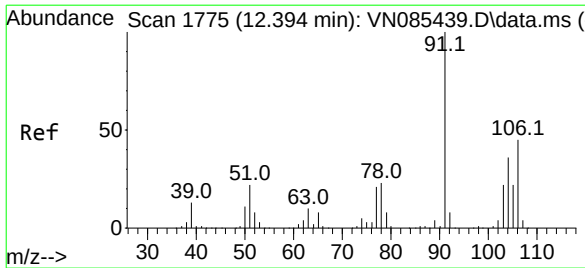
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#68
m/p-Xylenes
Concen: 38.711 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:106 Resp: 152037
Ion Ratio Lower Upper
106 100
91 208.4 167.7 251.5





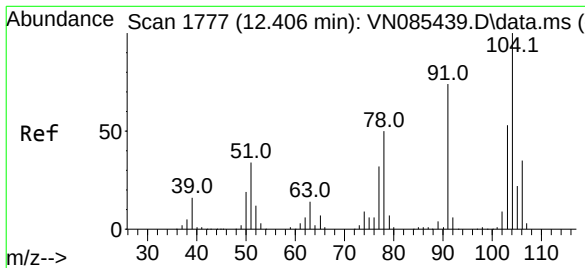
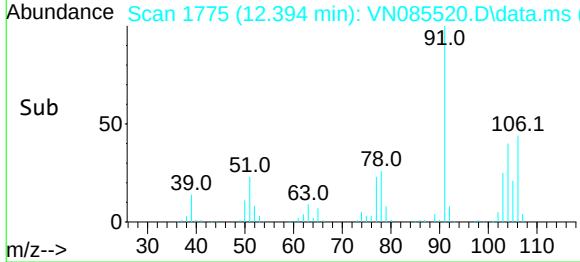
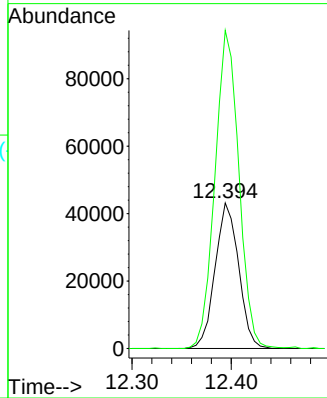
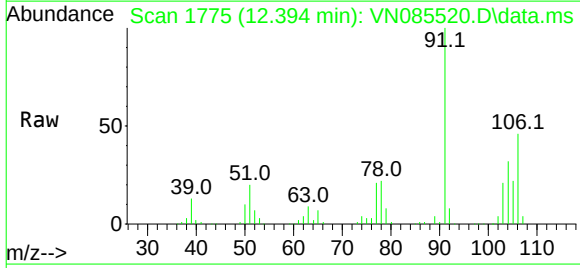
#69
o-Xylene
Concen: 18.956 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion:106 Resp: 71148
Ion Ratio Lower Upper
106 100
91 222.2 110.4 331.2

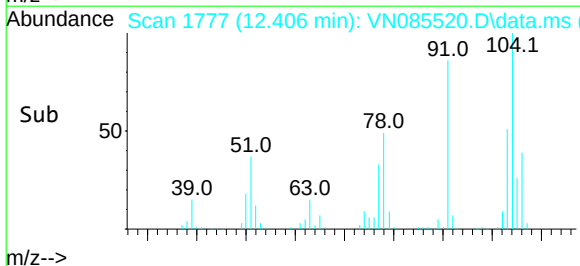
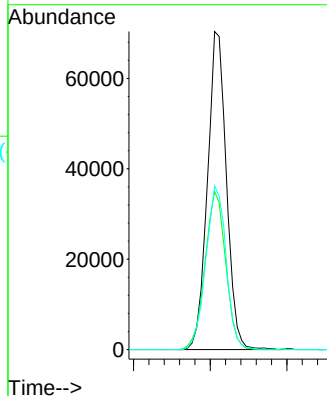
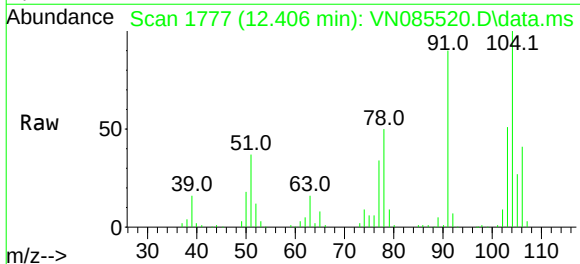
Manual Integrations
APPROVED

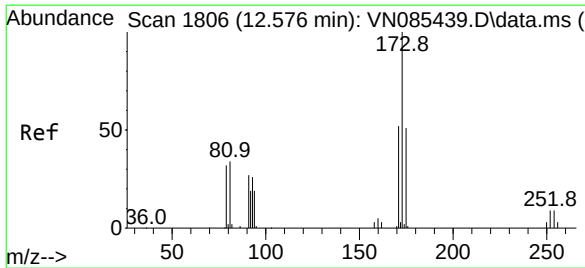
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#70
Styrene
Concen: 19.481 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:104 Resp: 121008
Ion Ratio Lower Upper
104 100
78 54.0 42.5 63.7
103 55.0 43.8 65.8





#71

Bromoform

Concen: 20.155 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD01

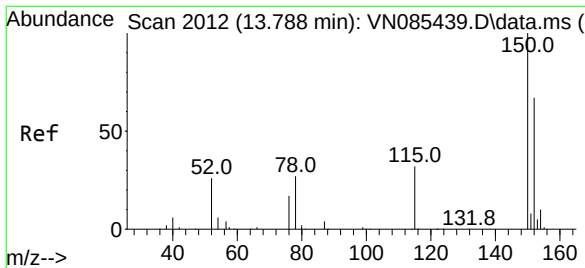
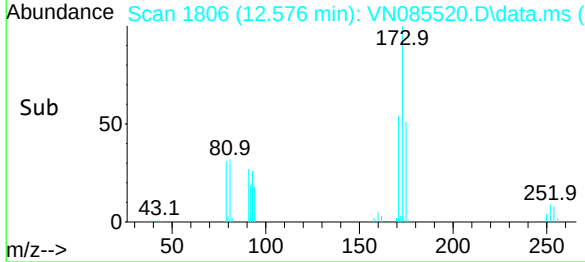
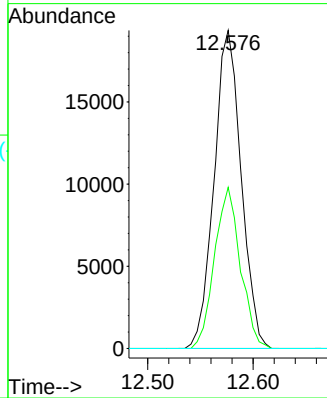
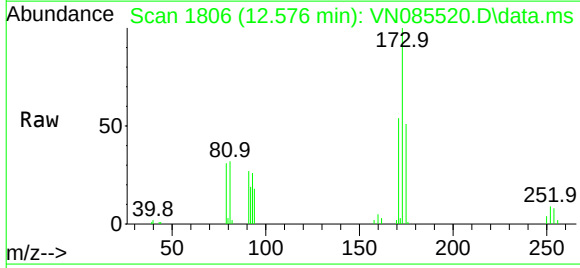
Tgt Ion:	173	Resp:	34534
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

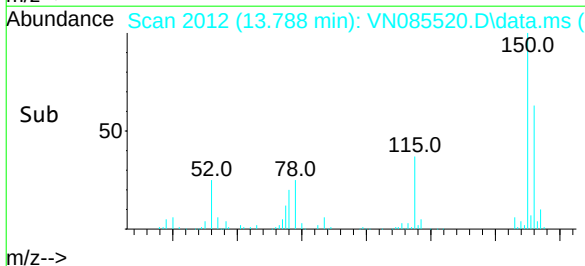
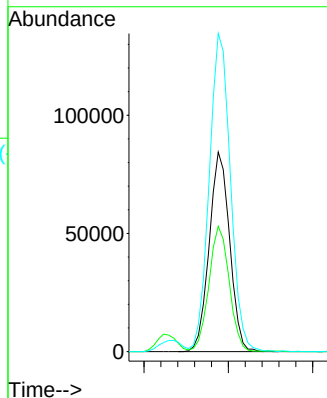
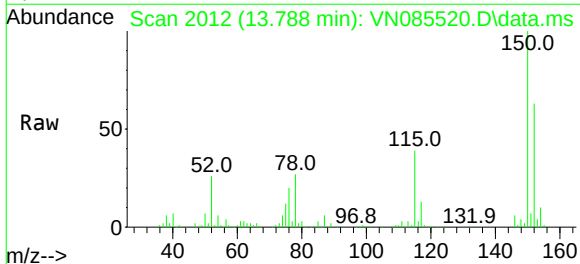
RT: 13.788 min Scan# 2012

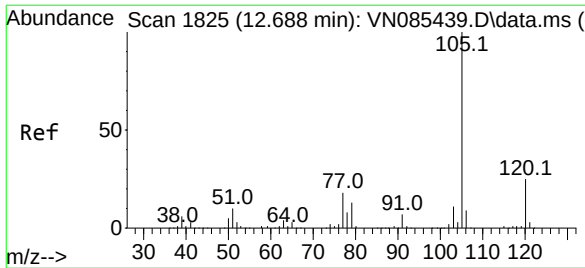
Delta R.T. -0.000 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Tgt Ion:	152	Resp:	142141
Ion Ratio	Lower	Upper	
152	100		
115	62.0	31.1	93.3
150	165.3	0.0	343.6





#73

Isopropylbenzene

Concen: 19.042 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD01

Tgt Ion: 105 Resp: 182673

Ion Ratio Lower Upper

105 100

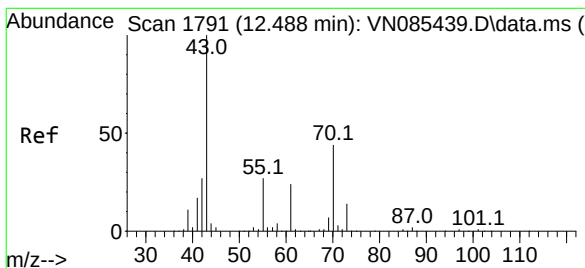
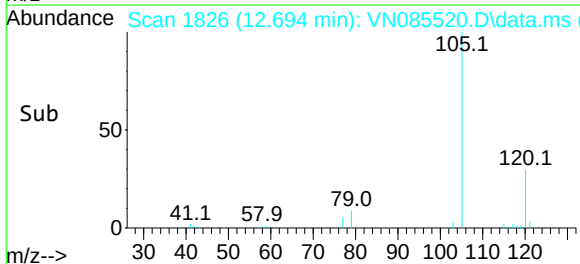
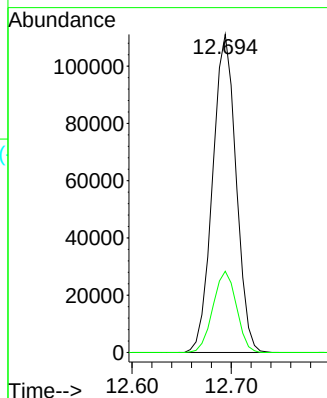
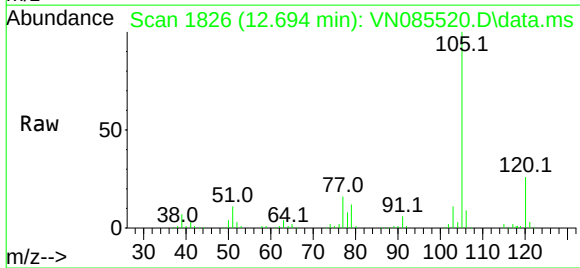
120 25.5 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#74

N-ethyl acetate

Concen: 19.312 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Tgt Ion: 43 Resp: 83274

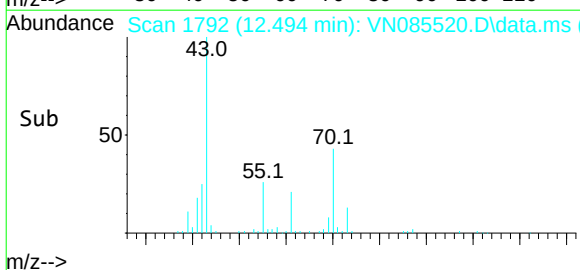
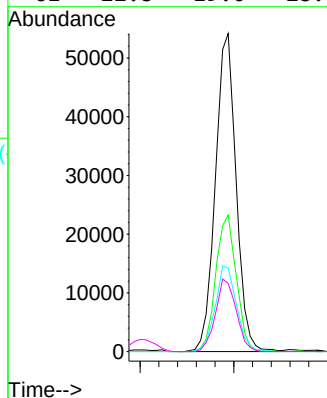
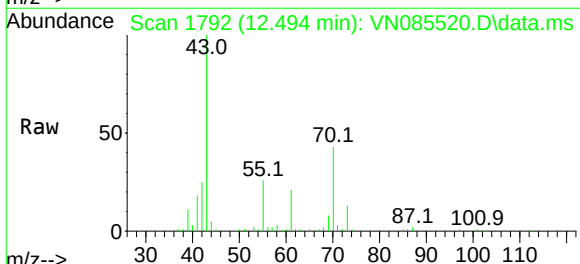
Ion Ratio Lower Upper

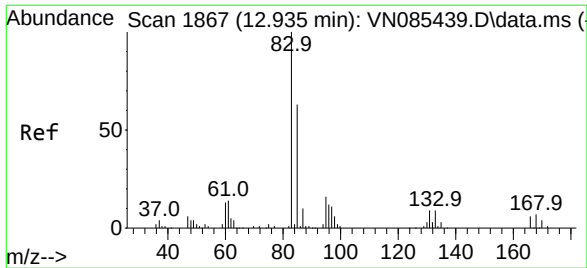
43 100

70 42.5 34.0 51.0

55 27.8 21.4 32.2

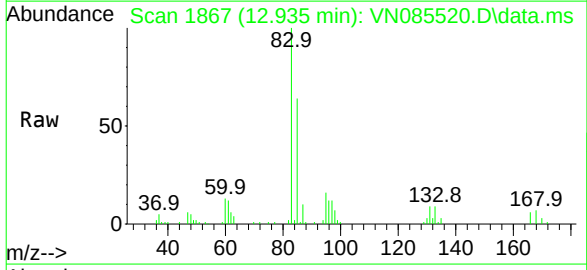
61 22.8 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.215 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

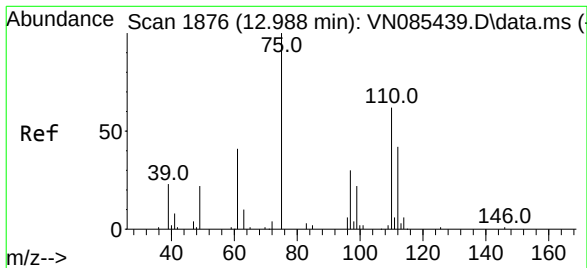
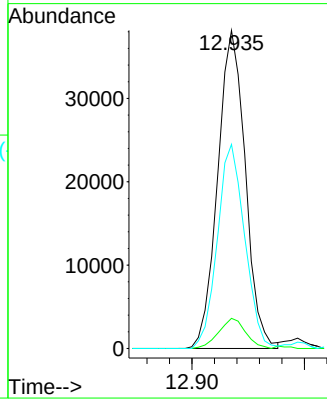
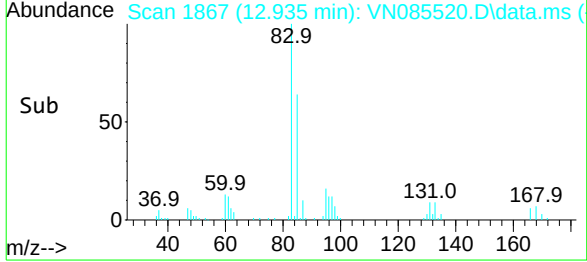
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.8	14.4
85	63.5	32.2	96.6

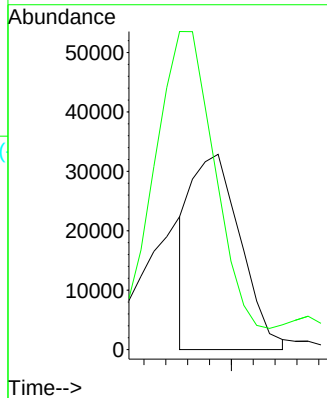
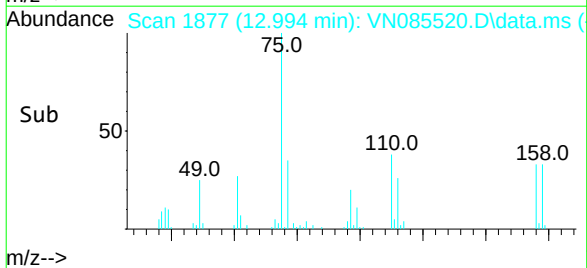
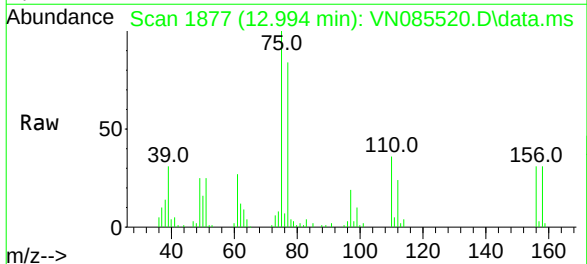
Manual Integrations
APPROVED

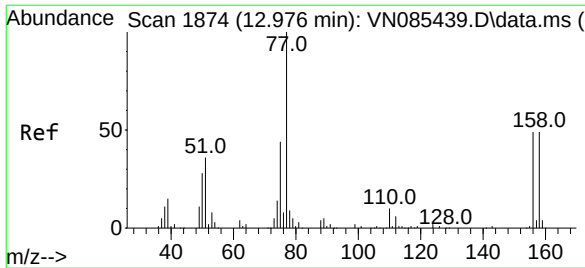
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#76
1,2,3-Trichloropropane
Concen: 17.964 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	209.9	109.7	329.2





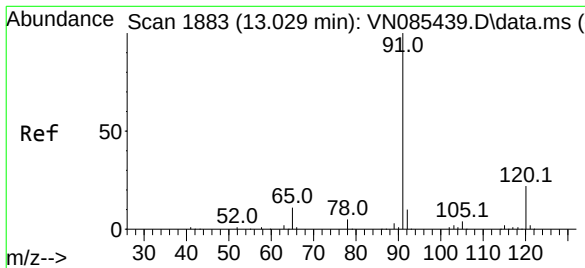
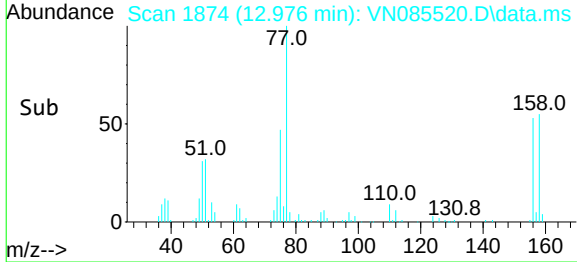
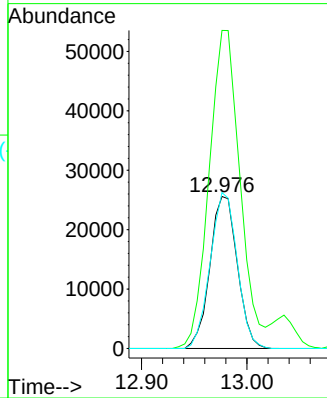
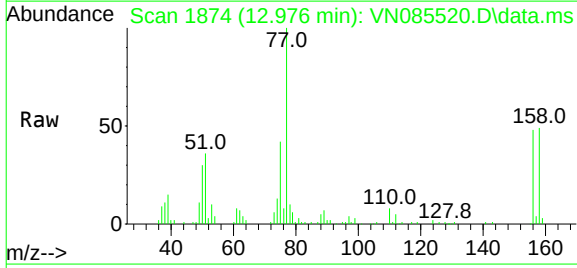
#77
Bromobenzene
Concen: 18.436 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 156 Resp: 46207
Ion Ratio Lower Upper
156 100
77 235.7 114.1 342.4
158 101.1 48.9 146.8

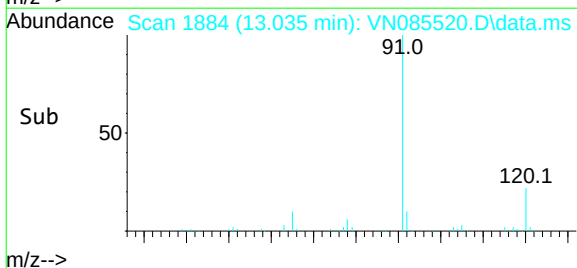
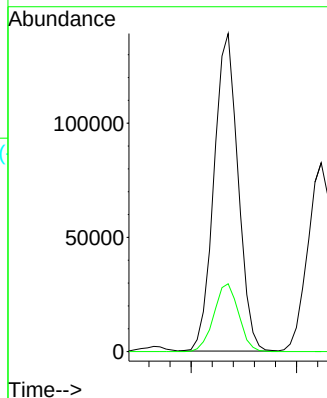
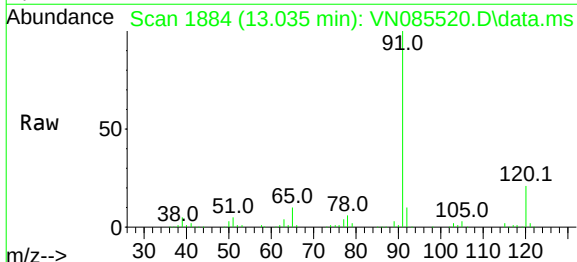
Manual Integrations
APPROVED

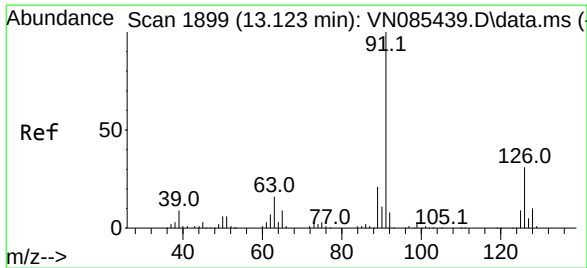
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#78
n-propylbenzene
Concen: 19.453 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion: 91 Resp: 220924
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6





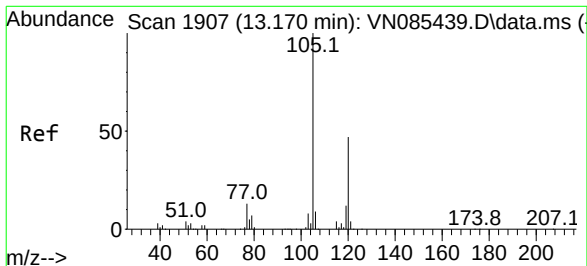
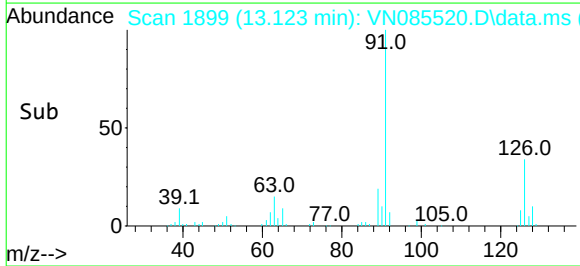
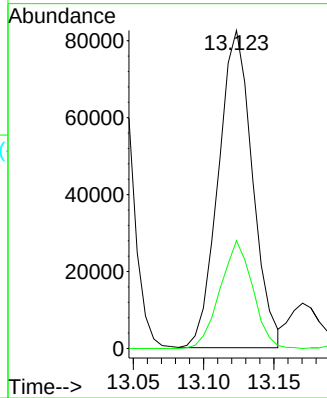
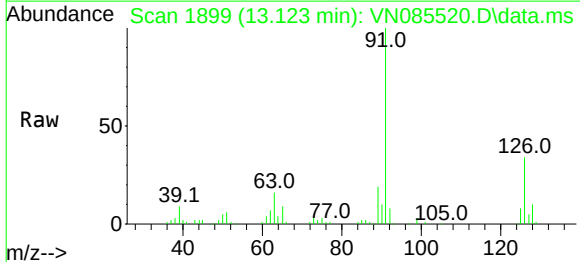
#79
2-Chlorotoluene
Concen: 18.957 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 91 Resp: 139334
Ion Ratio Lower Upper
91 100
126 32.4 15.7 47.1

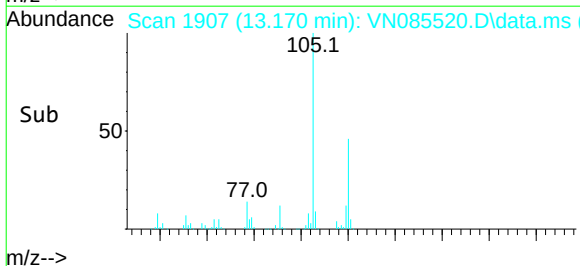
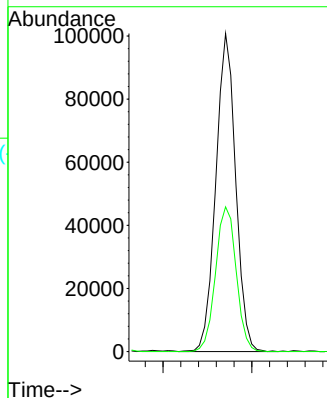
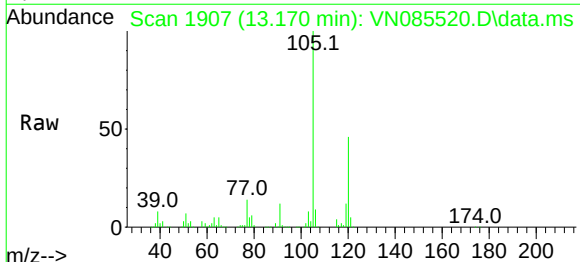
Manual Integrations
APPROVED

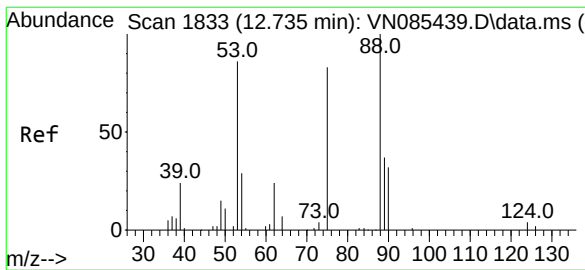
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.727 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:105 Resp: 156321
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.7





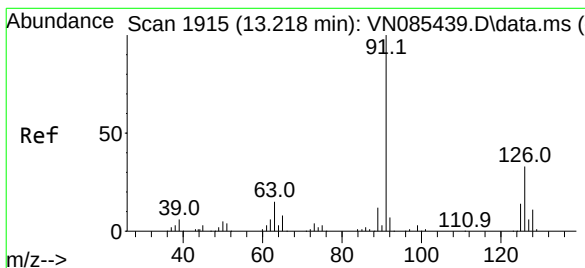
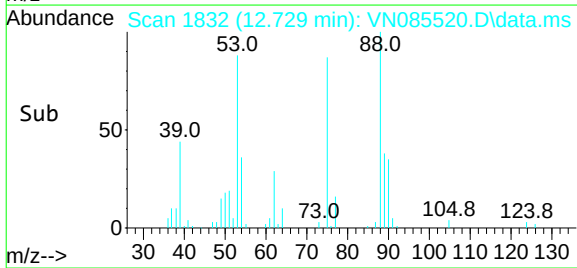
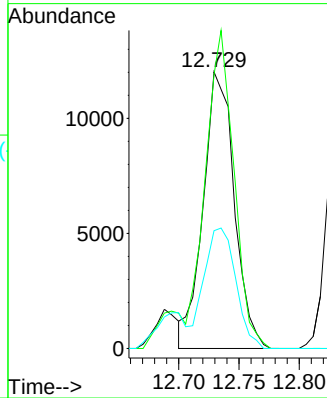
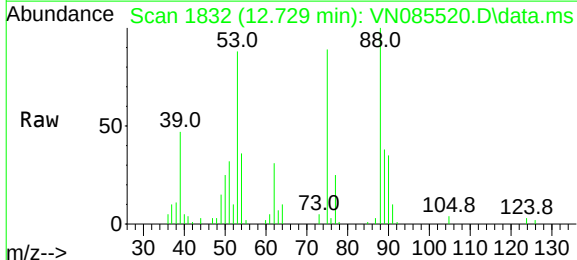
#81
trans-1,4-Dichloro-2-butene
Concen: 20.202 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 75 Resp: 21572
Ion Ratio Lower Upper
75 100
53 117.2 95.6 143.4
89 45.2 37.0 55.6

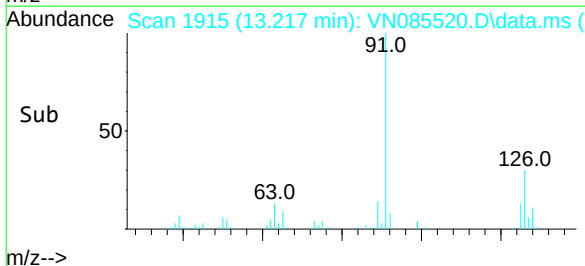
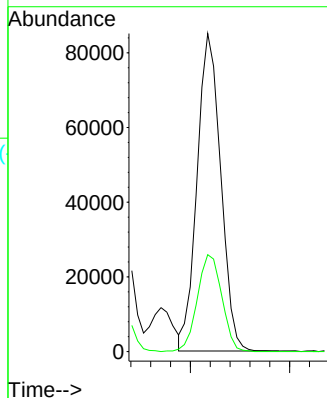
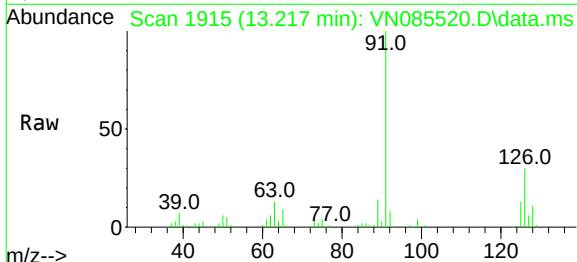
Manual Integrations
APPROVED

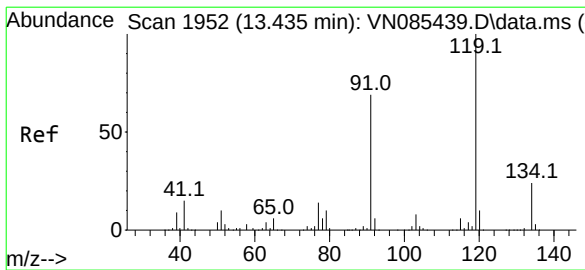
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#82
4-Chlorotoluene
Concen: 19.203 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

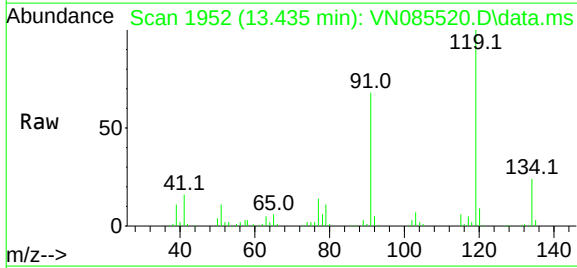
Tgt Ion: 91 Resp: 140536
Ion Ratio Lower Upper
91 100
126 31.7 15.9 47.7





#83
tert-Butylbenzene
Concen: 19.139 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

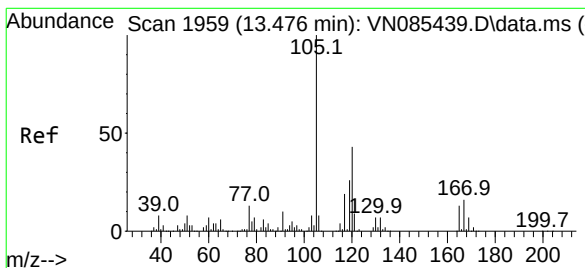
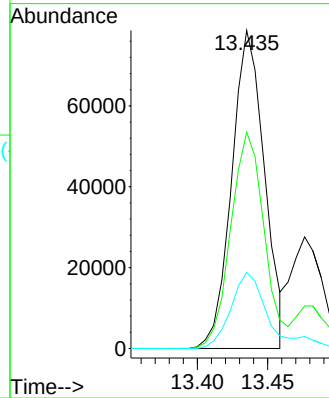
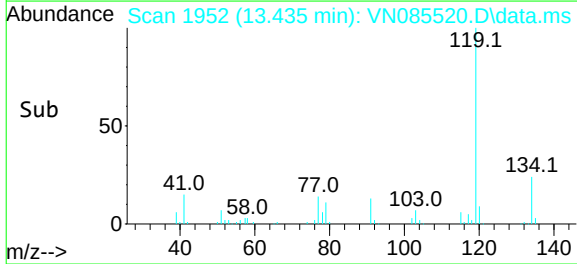
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



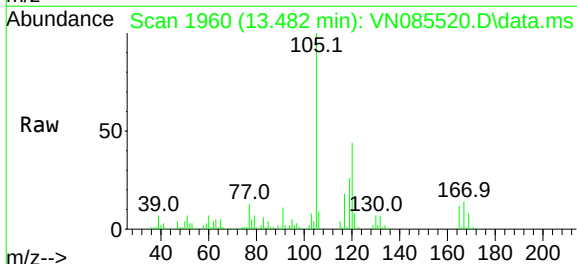
Tgt Ion:119 Resp: 127363
Ion Ratio Lower Upper
119 100
91 69.8 35.1 105.3
134 27.6 12.0 36.1

Manual Integrations
APPROVED

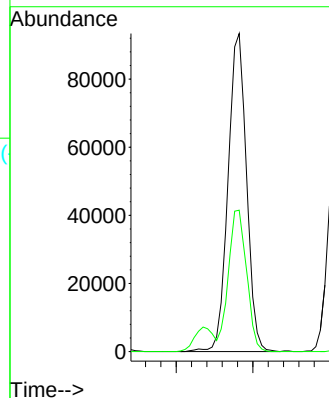
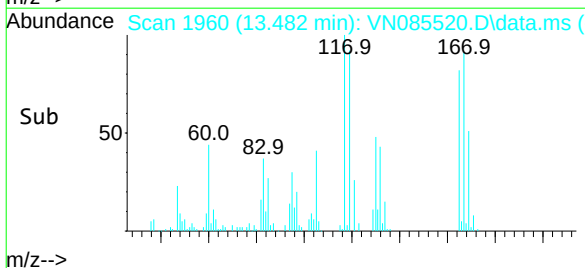
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

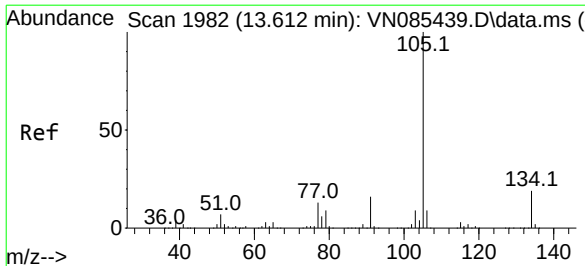


#84
1,2,4-Trimethylbenzene
Concen: 19.770 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46



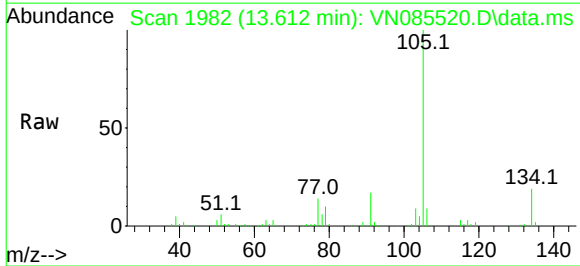
Tgt Ion:105 Resp: 156143
Ion Ratio Lower Upper
105 100
120 43.9 21.6 65.0





#85
sec-Butylbenzene
Concen: 19.581 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

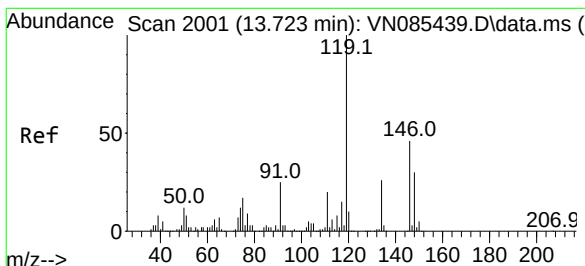
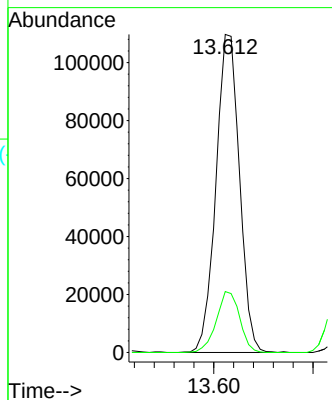
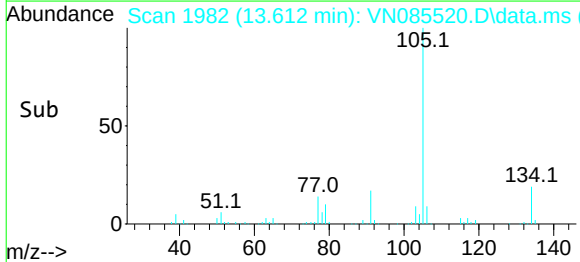
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



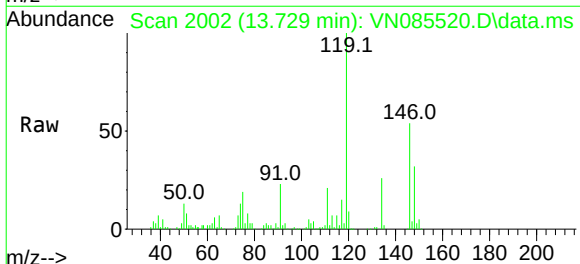
Tgt Ion:105 Resp: 180596
Ion Ratio Lower Upper
105 100
134 19.0 9.7 28.9

Manual Integrations
APPROVED

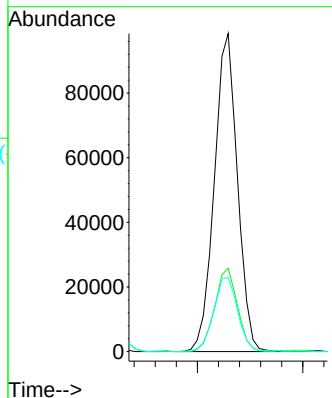
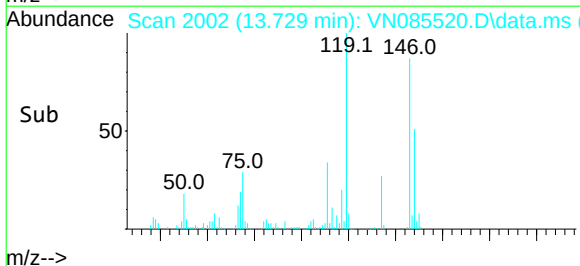
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

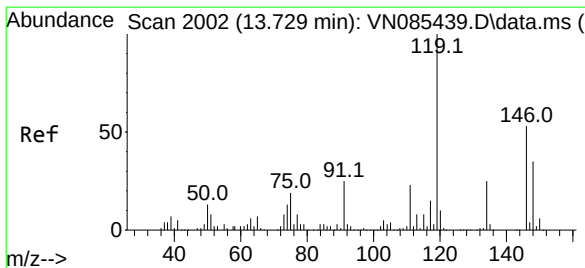


#86
p-Isopropyltoluene
Concen: 19.503 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46



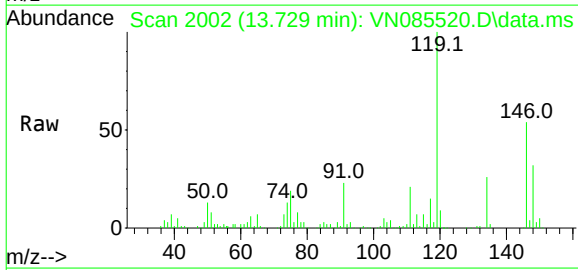
Tgt Ion:119 Resp: 149717
Ion Ratio Lower Upper
119 100
134 25.8 12.7 38.0
91 24.4 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 18.889 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

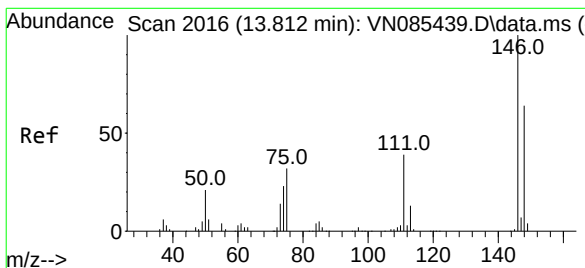
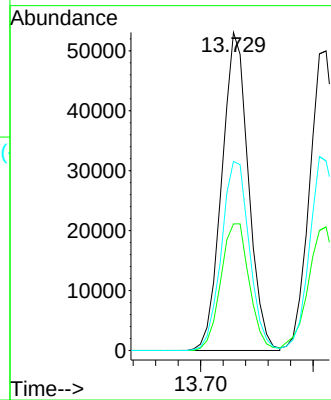
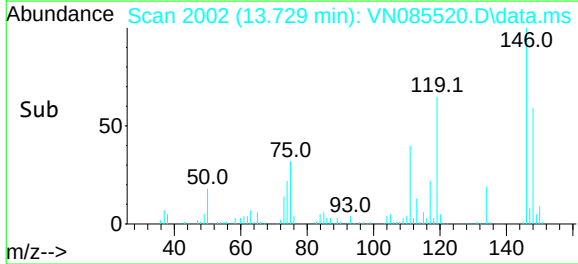
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01



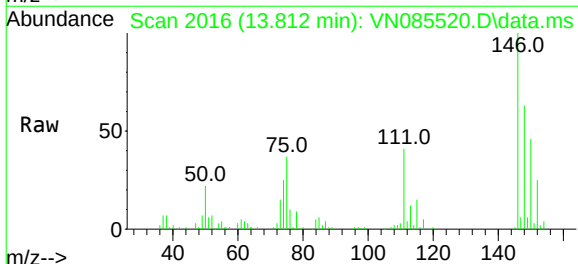
Tgt Ion:146 Resp: 87188
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.3
148 62.5 32.3 96.9

Manual Integrations
APPROVED

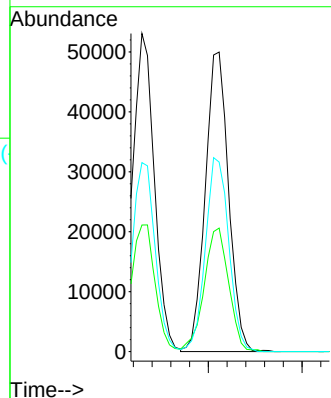
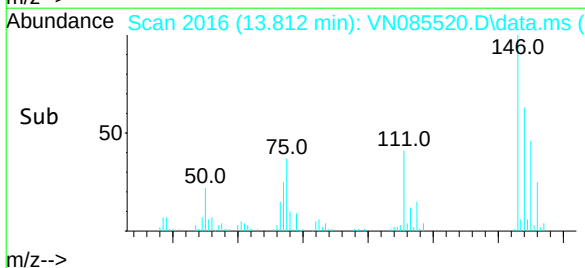
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

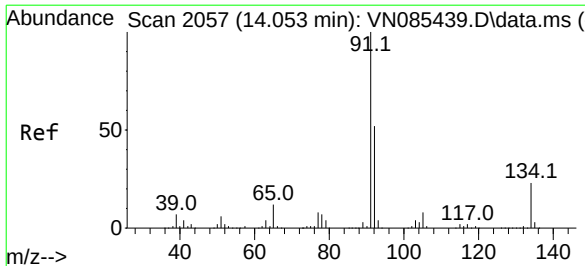


#88
1,4-Dichlorobenzene
Concen: 18.047 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46



Tgt Ion:146 Resp: 86342
Ion Ratio Lower Upper
146 100
111 43.5 21.3 63.7
148 65.0 32.4 97.0





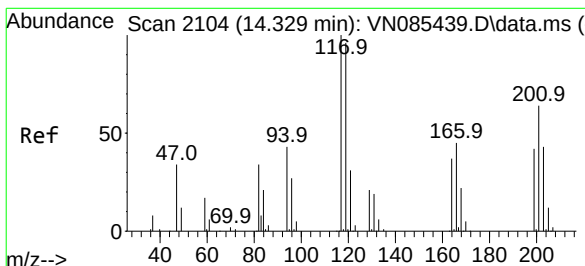
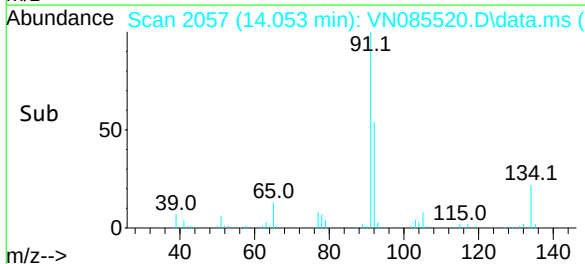
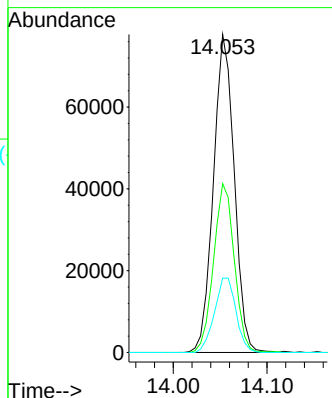
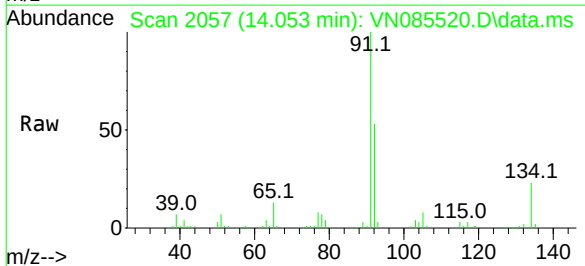
#89
n-Butylbenzene
Concen: 18.129 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion: 91 Resp: 119951
Ion Ratio Lower Upper
91 100
92 53.0 25.8 77.3
134 24.3 11.7 35.1

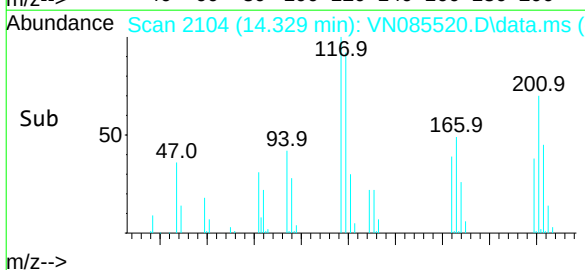
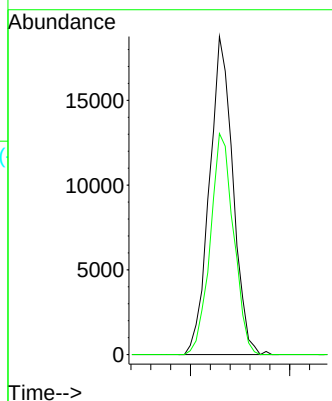
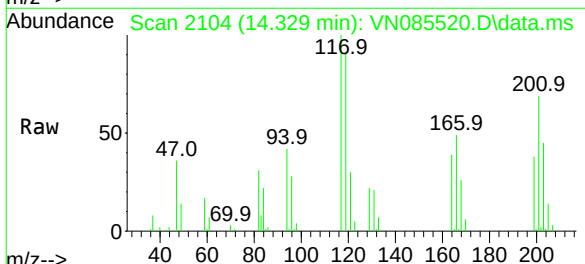
Manual Integrations
APPROVED

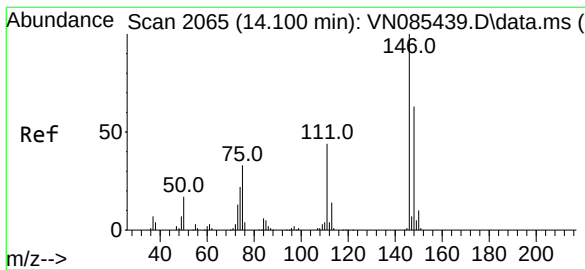
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#90
Hexachloroethane
Concen: 17.610 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion:117 Resp: 30919
Ion Ratio Lower Upper
117 100
201 68.8 33.7 101.0





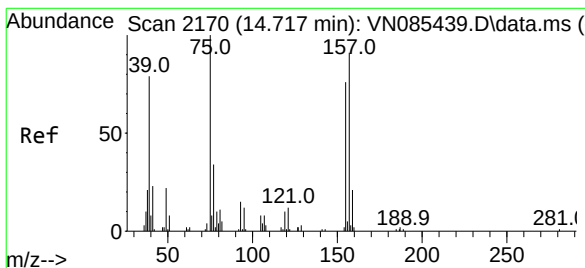
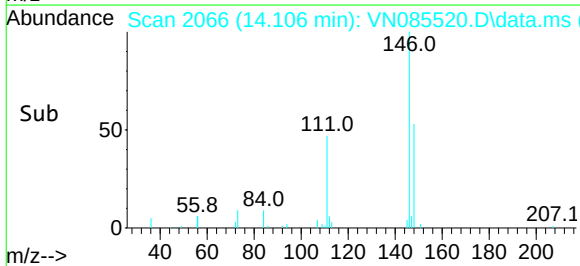
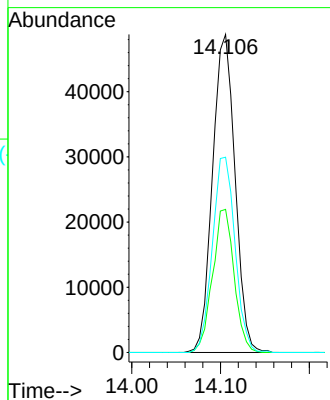
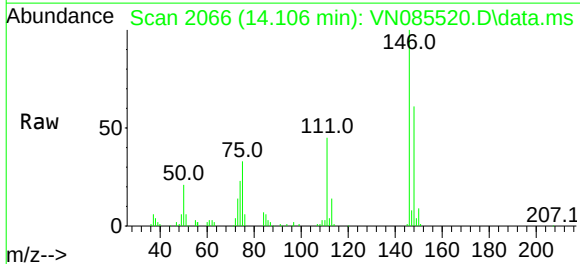
#91
1,2-Dichlorobenzene
Concen: 18.676 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD01

Tgt Ion:146 Resp: 85986
Ion Ratio Lower Upper
146 100
111 43.1 21.7 65.1
148 61.8 31.4 94.2

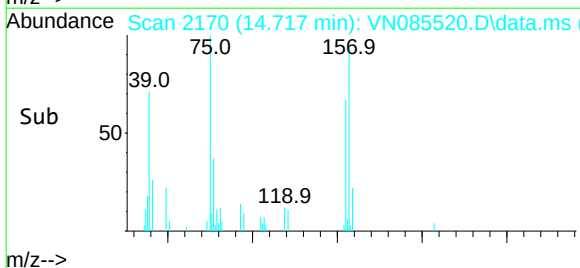
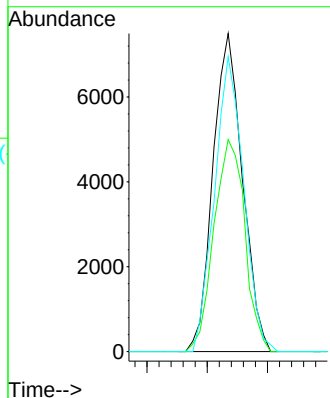
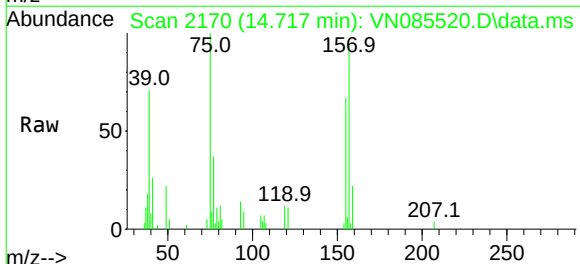
Manual Integrations
APPROVED

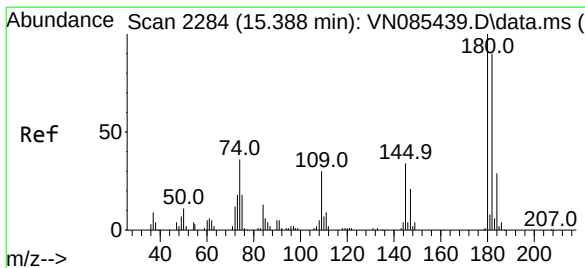
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.659 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085520.D
Acq: 27 Jan 2025 16:46

Tgt Ion: 75 Resp: 12784
Ion Ratio Lower Upper
75 100
155 69.5 36.4 109.2
157 91.4 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 18.002 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD01

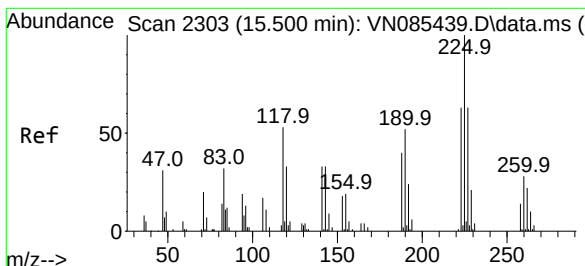
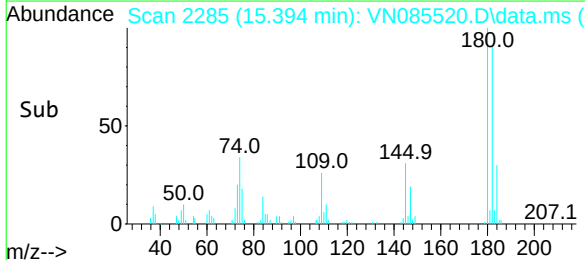
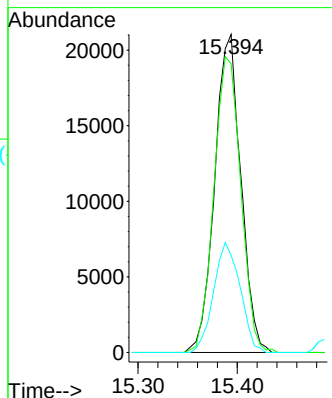
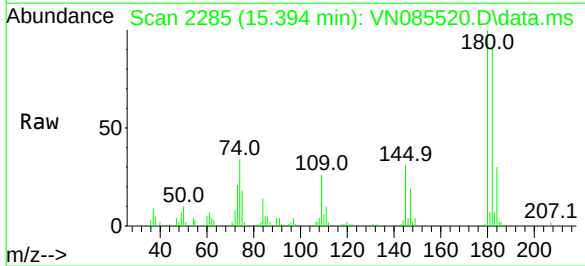
Tgt Ion:	180	Resp:	38523
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.8	140.3
145	35.1	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#94

Hexachlorobutadiene

Concen: 17.442 ug/l

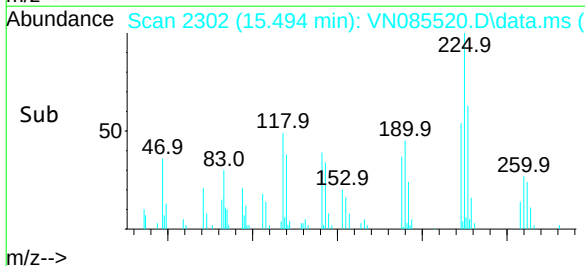
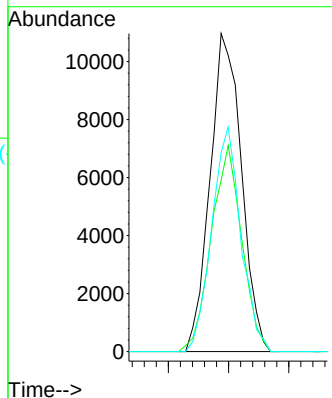
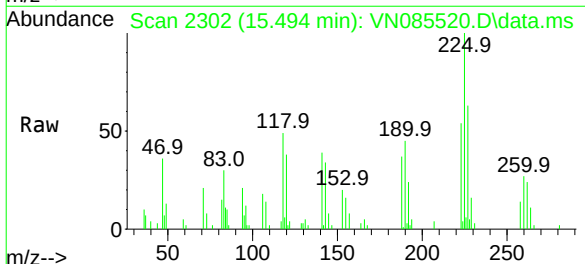
RT: 15.494 min Scan# 2302

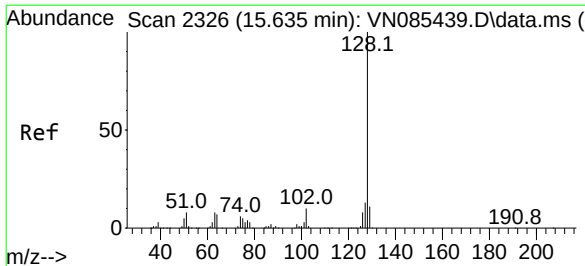
Delta R.T. -0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Tgt Ion:	225	Resp:	19815
Ion Ratio	Lower	Upper	
225	100		
223	63.0	30.7	92.1
227	65.6	30.9	92.5





#95

Naphthalene

Concen: 18.002 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Instrument :

MSVOA_N

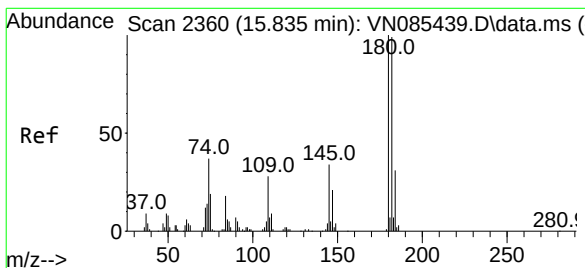
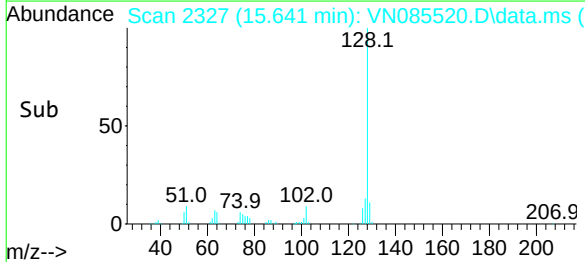
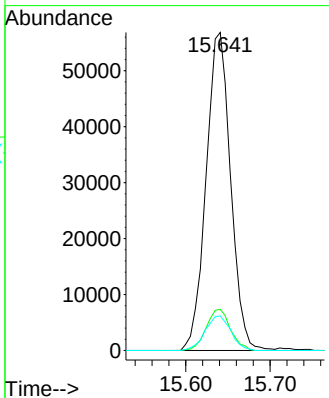
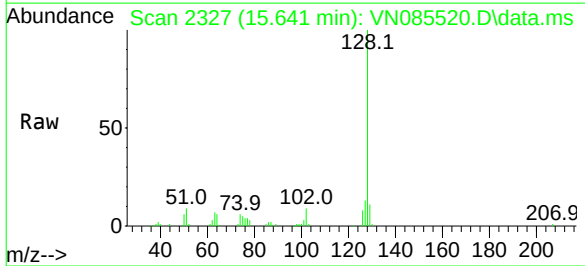
ClientSampleId :

VN0127WBSD01

Tgt Ion:	128	Resp:	114951
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.4	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.075 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085520.D

Acq: 27 Jan 2025 16:46

Tgt Ion:	180	Resp:	39137
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.2
145	35.2	16.9	50.7

