

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085652.D
 Acq On : 04 Feb 2025 15:24
 Operator : JC\MD
 Sample : VN0204MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2025
 Supervised By : Mahesh Dadoda 02/06/2025

Quant Time: Feb 05 01:05:21 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	8.224	168	191861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144784	46.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.500%		
35) Dibromofluoromethane	8.165	113	116536	49.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	10.565	98	424141	50.198	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.400%		
62) 4-Bromofluorobenzene	12.847	95	143962	49.809	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63351	24.387	ug/l	98
3) Chloromethane	2.359	50	59900	21.297	ug/l	100
4) Vinyl Chloride	2.512	62	67781	23.975	ug/l	100
5) Bromomethane	2.954	94	44720	26.187	ug/l	97
6) Chloroethane	3.118	64	45960	25.642	ug/l	98
7) Trichlorofluoromethane	3.495	101	94875	23.129	ug/l	99
8) Diethyl Ether	3.959	74	32957	23.257	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.365	101	56027	24.249	ug/l	96
10) Methyl Iodide	4.589	142	65747	24.849	ug/l	97
11) Tert butyl alcohol	5.518	59	42650	120.266	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	50437	24.494	ug/l	89
13) Acrolein	4.183	56	34726	71.733	ug/l	98
14) Allyl chloride	5.024	41	58039	17.370	ug/l	96
15) Acrylonitrile	5.712	53	124077	110.151	ug/l	100
16) Acetone	4.424	43	116532	116.453	ug/l	93
17) Carbon Disulfide	4.712	76	153456	24.205	ug/l	99
18) Methyl Acetate	5.030	43	60024	19.726	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	144114	21.554	ug/l	98
20) Methylene Chloride	5.271	84	53733	21.690	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	47217	21.456	ug/l	96
22) Diisopropyl ether	6.671	45	144054	19.424	ug/l	99
23) Vinyl Acetate	6.600	43	518267	99.857	ug/l	96
24) 1,1-Dichloroethane	6.565	63	91957	20.335	ug/l	96
25) 2-Butanone	7.483	43	155498	105.595	ug/l	94
26) 2,2-Dichloropropane	7.489	77	78555	21.486	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	57118	22.037	ug/l	92
28) Bromochloromethane	7.812	49	32233	15.321	ug/l	89
29) Tetrahydrofuran	7.841	42	99967	107.074	ug/l	89
30) Chloroform	7.959	83	95068	20.341	ug/l	96
31) Cyclohexane	8.253	56	74686	19.002	ug/l #	90
32) 1,1,1-Trichloroethane	8.165	97	84251	20.551	ug/l	96
36) 1,1-Dichloropropene	8.371	75	63769	19.106	ug/l	98
37) Ethyl Acetate	7.559	43	63842	18.951	ug/l #	96
38) Carbon Tetrachloride	8.359	117	73700	19.288	ug/l	99
39) Methylcyclohexane	9.600	83	63187	20.147	ug/l	97
40) Benzene	8.606	78	208870	20.828	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31640	18.052	ug/l	91
42) 1,2-Dichloroethane	8.671	62	72294	19.141	ug/l	97
43) Isopropyl Acetate	8.683	43	116590	21.599	ug/l	99
44) Trichloroethene	9.353	130	47490	20.344	ug/l	99
45) 1,2-Dichloropropane	9.618	63	50726	19.803	ug/l	95
46) Dibromomethane	9.706	93	38132	20.631	ug/l	99
47) Bromodichloromethane	9.888	83	76678	20.363	ug/l	98
48) Methyl methacrylate	9.682	41	47488	19.548	ug/l	91
49) 1,4-Dioxane	9.694	88	21547	526.718	ug/l #	75
51) 4-Methyl-2-Pentanone	10.441	43	326930	104.370	ug/l	94
52) Toluene	10.629	92	129072	22.213	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	73023	20.521	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	78455	20.640	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	50259	21.856	ug/l	96
56) Ethyl methacrylate	10.871	69	69225	19.111	ug/l	95
57) 1,3-Dichloropropane	11.165	76	85957	21.497	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	98064	67.200	ug/l	97
59) 2-Hexanone	11.194	43	241301	109.480	ug/l	95
60) Dibromochloromethane	11.353	129	58665	21.131	ug/l	98
61) 1,2-Dibromoethane	11.471	107	50901	22.237	ug/l	97
64) Tetrachloroethene	11.100	164	43664	20.926	ug/l	99
65) Chlorobenzene	11.888	112	140221	20.913	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	48910	19.875	ug/l	100
67) Ethyl Benzene	11.965	91	227405	20.823	ug/l	99
68) m/p-Xylenes	12.071	106	178664	44.266	ug/l	94
69) o-Xylene	12.400	106	82232	21.319	ug/l	95
70) Styrene	12.412	104	139030	21.779	ug/l	97
71) Bromoform	12.576	173	38333	21.770	ug/l #	97
73) Isopropylbenzene	12.694	105	203175	20.918	ug/l	99
74) N-amyl acetate	12.494	43	85269	19.531	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	74552	21.729	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	60359m	20.635	ug/l	
77) Bromobenzene	12.976	156	53604	21.124	ug/l	95
78) n-propylbenzene	13.035	91	247683	21.540	ug/l	100
79) 2-Chlorotoluene	13.123	91	150518	20.226	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	171545	21.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25357m	23.454	ug/l	
82) 4-Chlorotoluene	13.218	91	153631	20.734	ug/l	97
83) tert-Butylbenzene	13.435	119	139930	20.769	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	171421	21.437	ug/l	97
85) sec-Butylbenzene	13.618	105	195210	20.905	ug/l	100
86) p-Isopropyltoluene	13.729	119	159513	20.469	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	98006	20.971	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	97010	20.027	ug/l	98
89) n-Butylbenzene	14.059	91	128097	19.122	ug/l	98
90) Hexachloroethane	14.329	117	35056	19.720	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	91519	19.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12773	20.387	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	40421	18.657	ug/l	98
94) Hexachlorobutadiene	15.500	225	20813	18.094	ug/l	98
95) Naphthalene	15.641	128	127060	19.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	40998	18.701	ug/l	99

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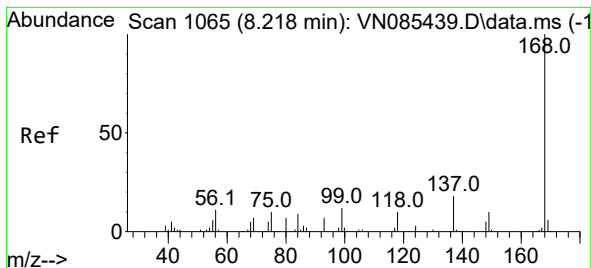
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/06/2025

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBS01

Tgt Ion:168 Resp: 19186

Ion Ratio Lower Upper

168 100

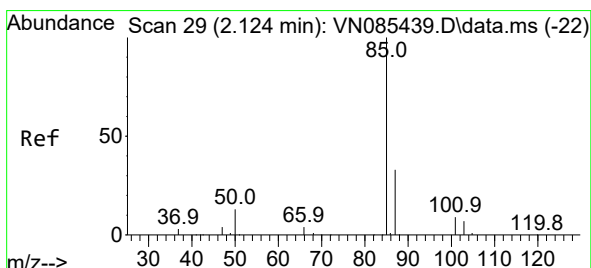
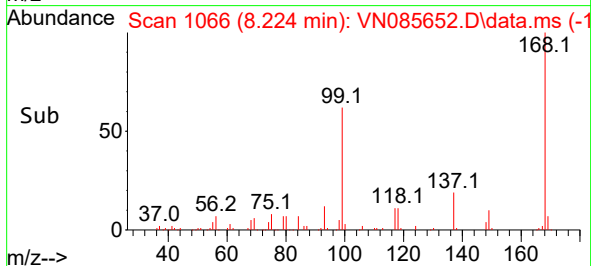
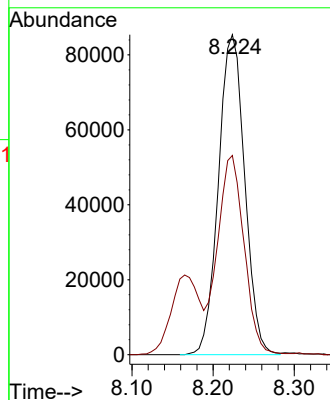
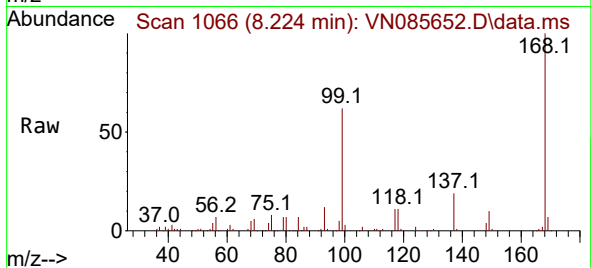
99 61.8 53.6 80.4

Manual Integrations

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Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#2

Dichlorodifluoromethane

Concen: 24.387 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN085652.D

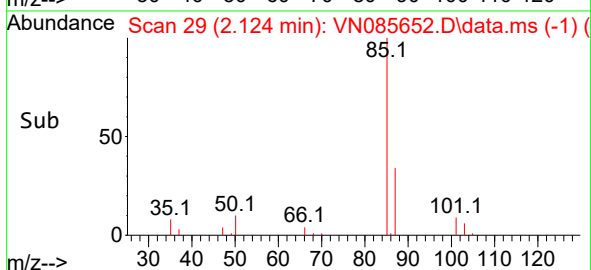
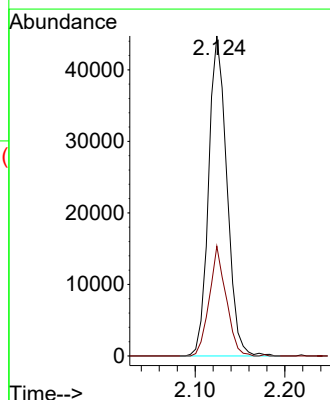
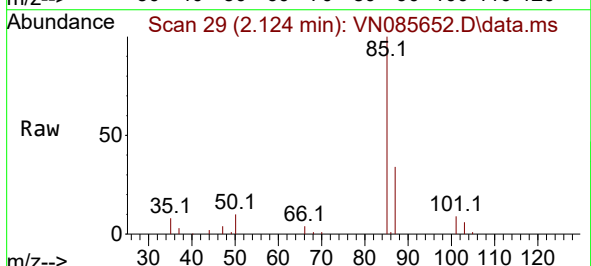
Acq: 04 Feb 2025 15:24

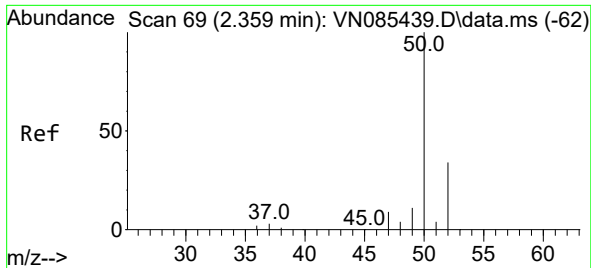
Tgt Ion: 85 Resp: 63351

Ion Ratio Lower Upper

85 100

87 34.3 16.7 50.1





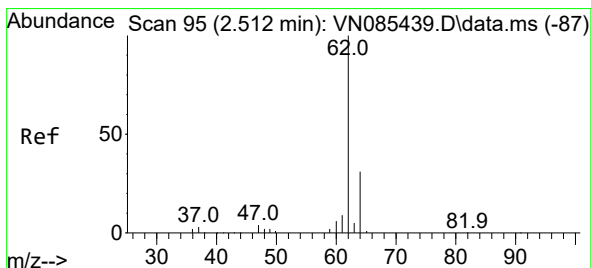
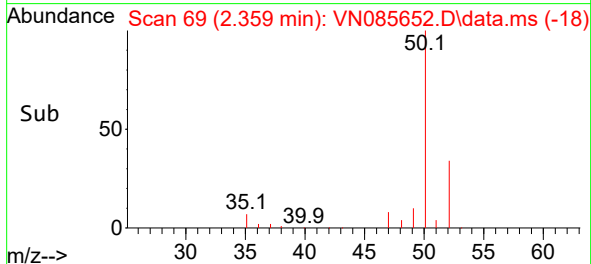
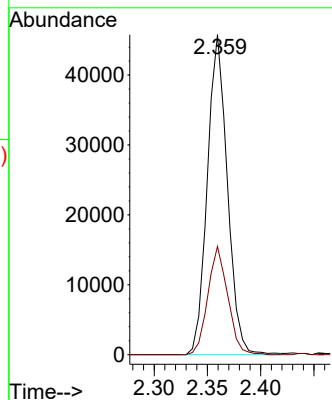
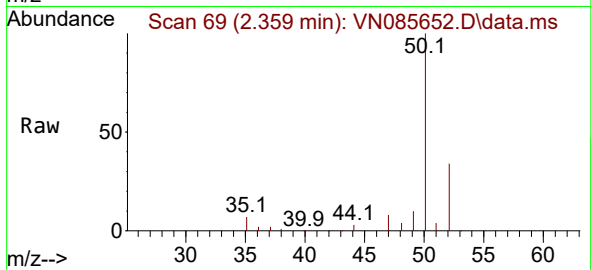
#3
Chloromethane
Concen: 21.297 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
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Tgt Ion: 50 Resp: 59900
Ion Ratio Lower Upper
50 100
52 33.8 27.0 40.6

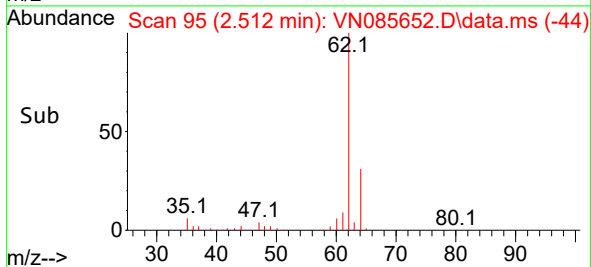
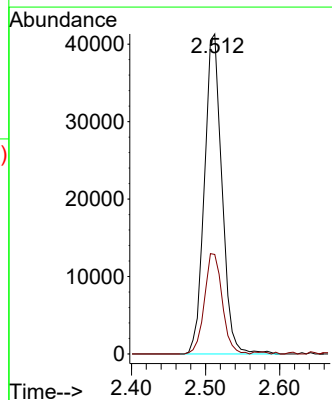
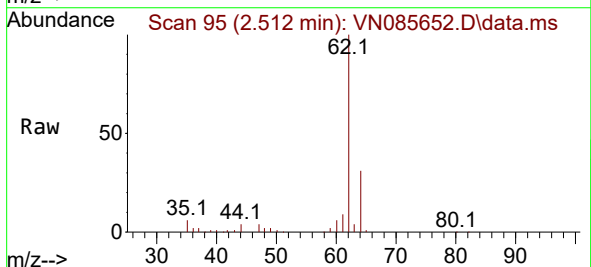
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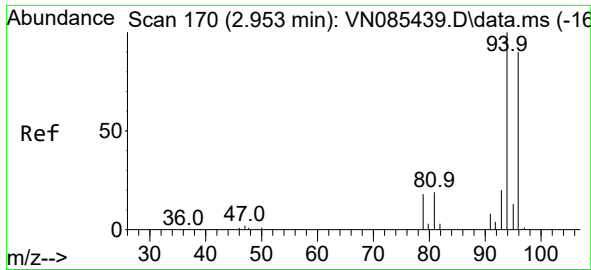
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#4
Vinyl Chloride
Concen: 23.975 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion: 62 Resp: 67781
Ion Ratio Lower Upper
62 100
64 31.1 24.8 37.2





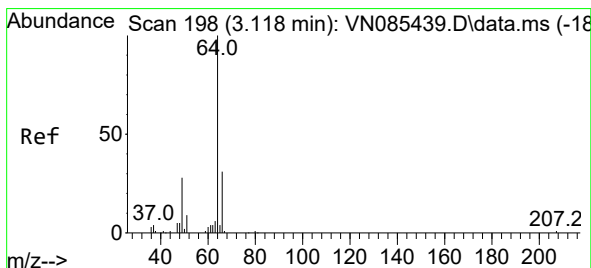
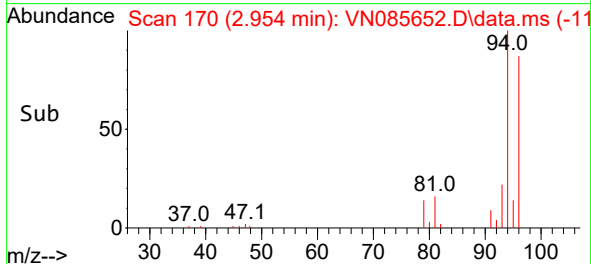
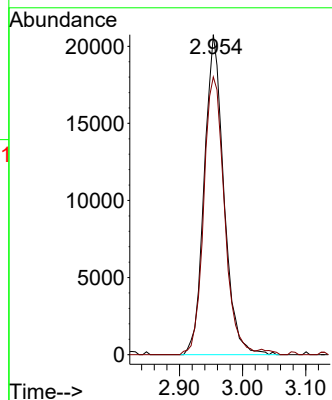
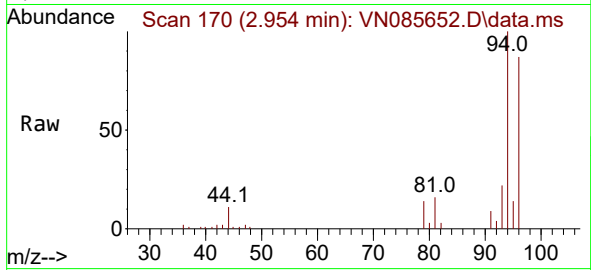
#5
Bromomethane
Concen: 26.187 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085652.D
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Tgt Ion: 94 Resp: 44720
Ion Ratio Lower Upper
94 100
96 86.8 71.8 107.6

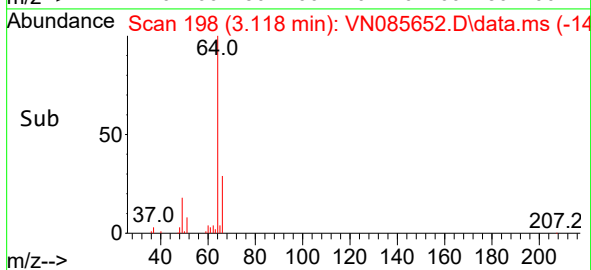
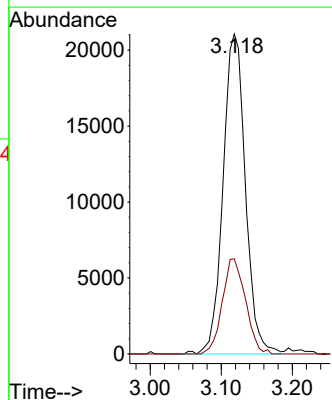
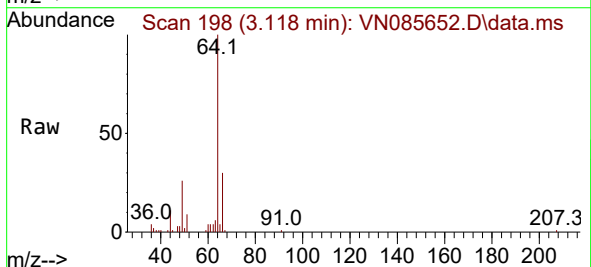
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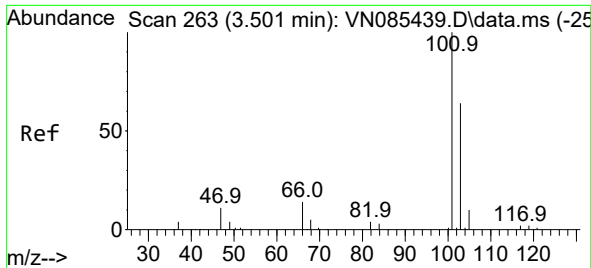
Reviewed By :John Carlone 02/05/2025
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#6
Chloroethane
Concen: 25.642 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085652.D
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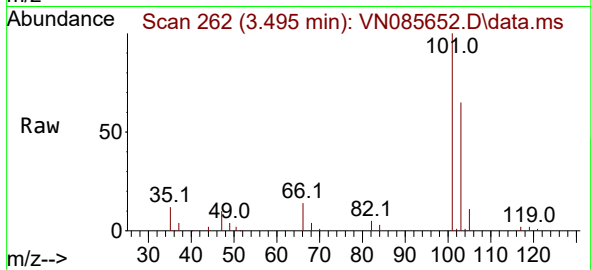
Tgt Ion: 64 Resp: 45960
Ion Ratio Lower Upper
64 100
66 29.8 24.6 36.8





#7
Trichlorofluoromethane
Concen: 23.129 ug/l
RT: 3.495 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN085652.D
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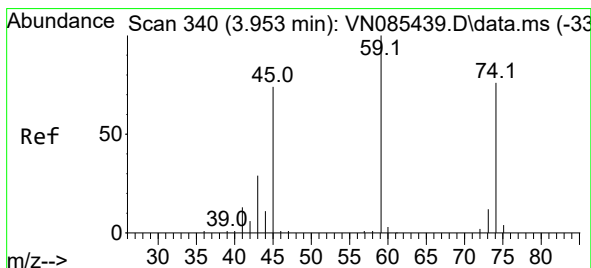
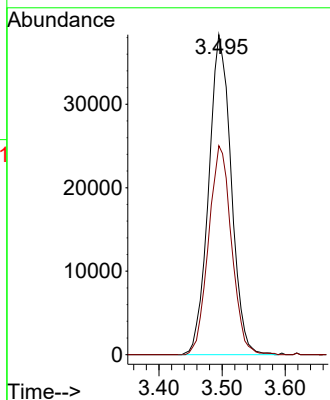
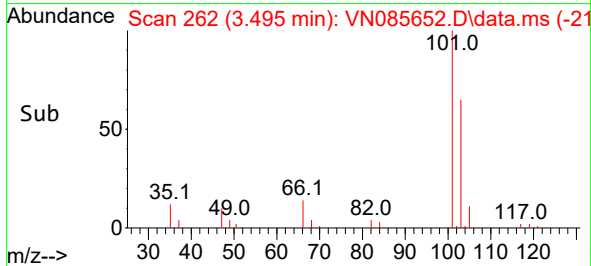
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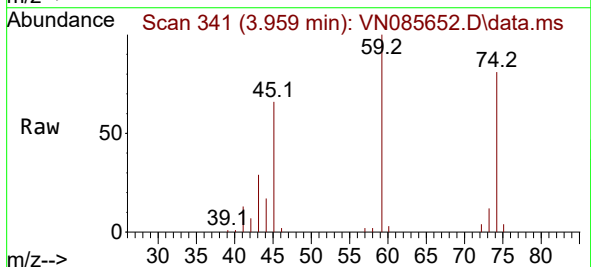
Tgt Ion:101 Resp: 9487
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

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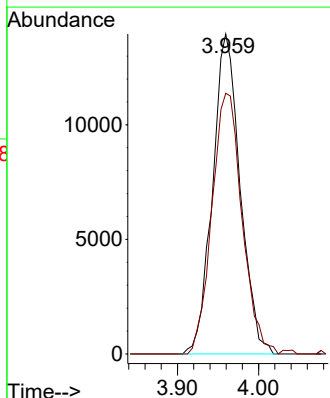
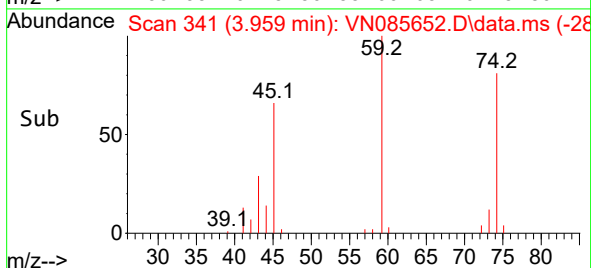
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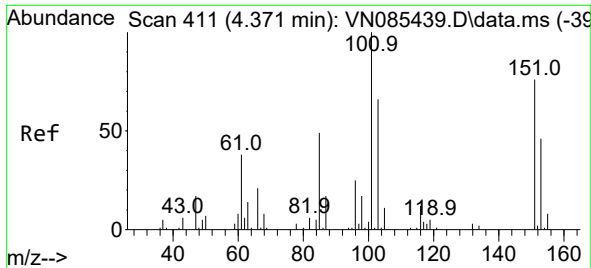


#8
Diethyl Ether
Concen: 23.257 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 32957
Ion Ratio Lower Upper
74 100
45 88.8 49.7 149.1





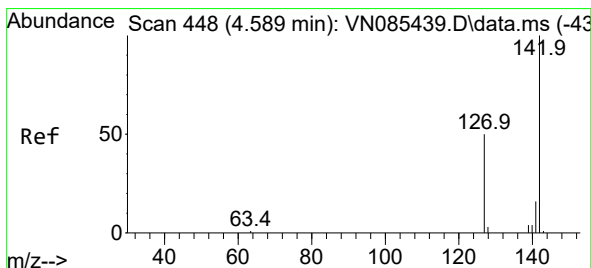
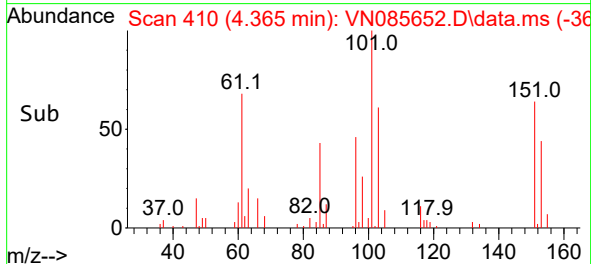
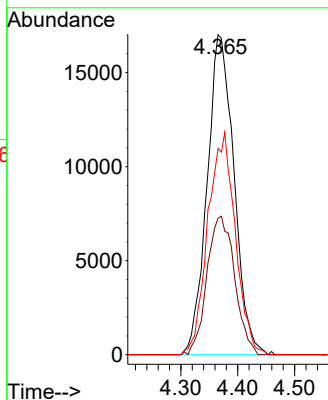
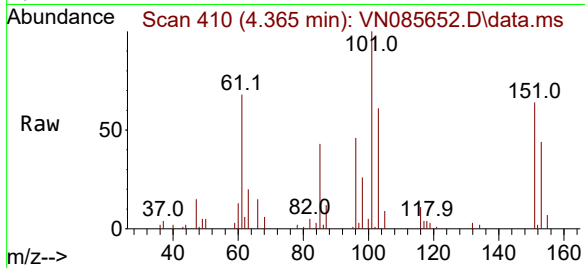
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.249 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion:101 Resp: 5602
Ion Ratio Lower Upper
101 100
85 44.4 37.8 56.8
151 70.8 58.8 88.2

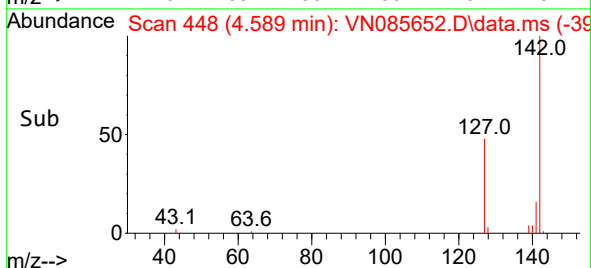
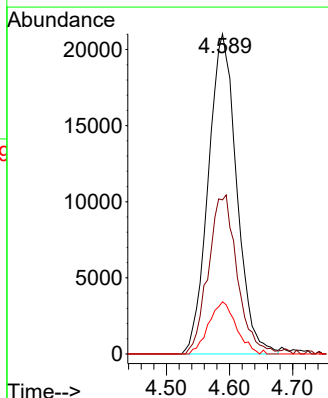
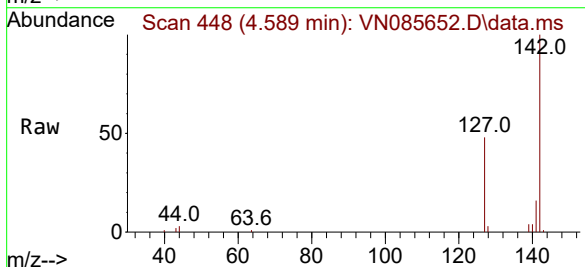
Manual Integrations
APPROVED

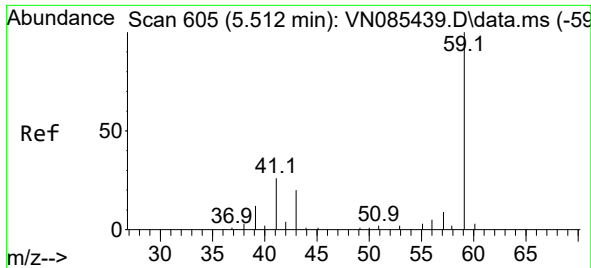
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#10
Methyl Iodide
Concen: 24.849 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion:142 Resp: 65747
Ion Ratio Lower Upper
142 100
127 48.1 40.3 60.5
141 16.3 12.8 19.2





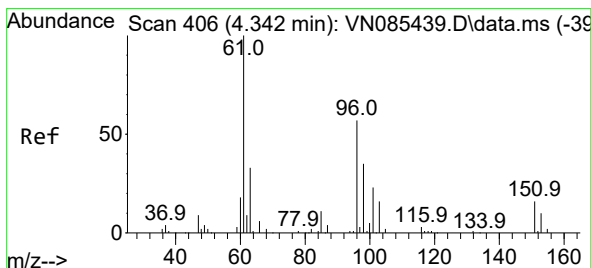
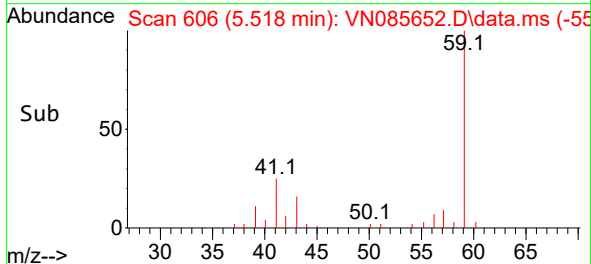
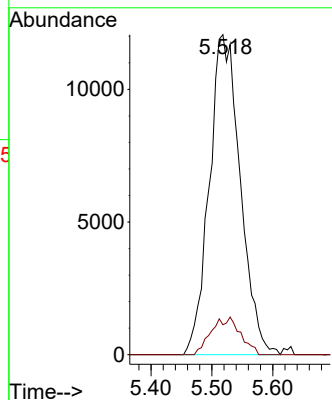
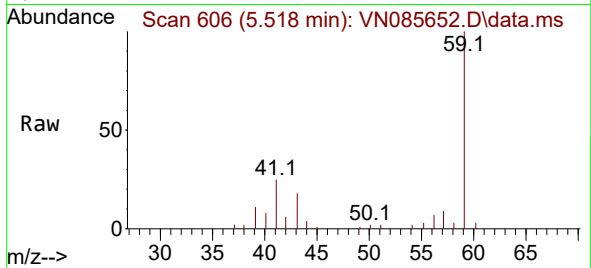
#11
Tert butyl alcohol
Concen: 120.266 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion: 59 Resp: 42650
Ion Ratio Lower Upper
59 100
57 5.2 8.6 13.0

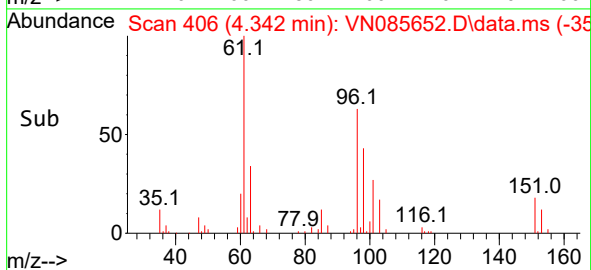
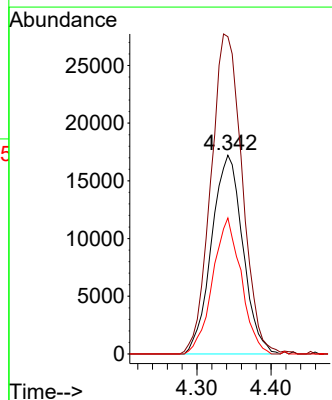
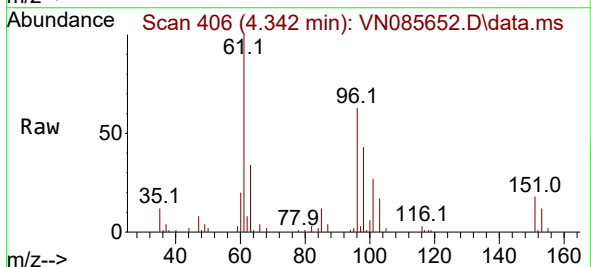
Manual Integrations
APPROVED

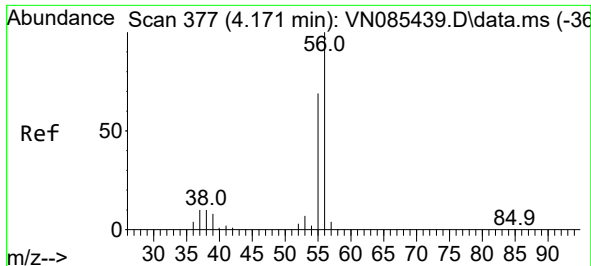
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#12
1,1-Dichloroethene
Concen: 24.494 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion: 96 Resp: 50437
Ion Ratio Lower Upper
96 100
61 159.7 141.0 211.4
98 68.5 49.0 73.6





#13

Acrolein

Concen: 71.733 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBS01

Tgt Ion: 56 Resp: 34720

Ion Ratio Lower Upper

56 100

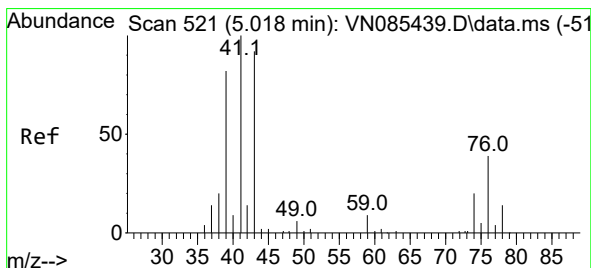
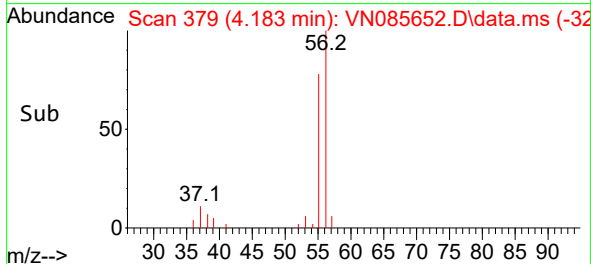
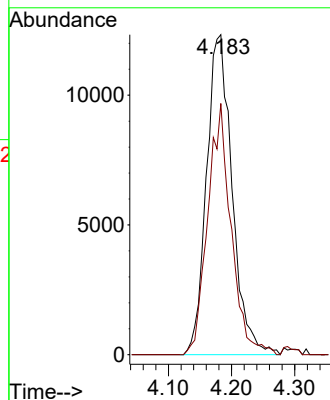
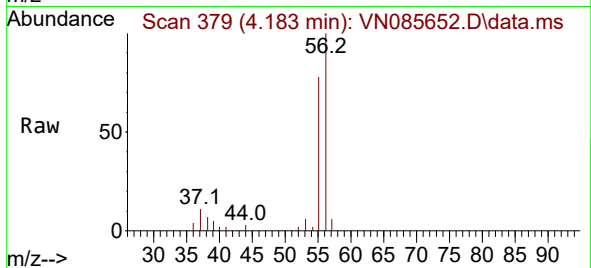
55 71.7 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#14

Allyl chloride

Concen: 17.370 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

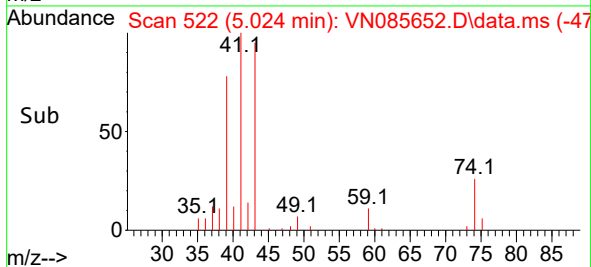
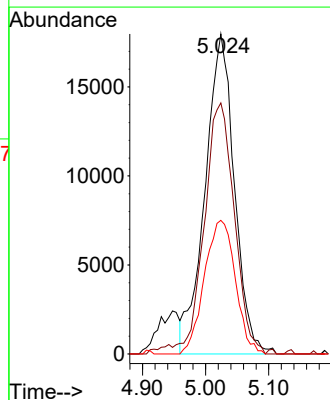
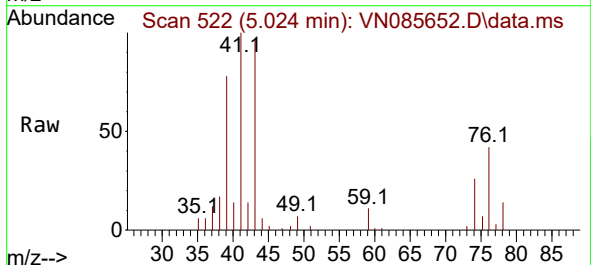
Tgt Ion: 41 Resp: 58039

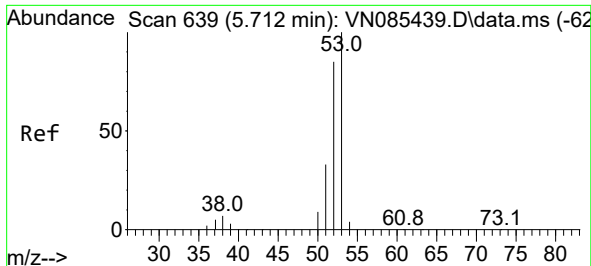
Ion Ratio Lower Upper

41 100

39 81.5 64.4 96.6

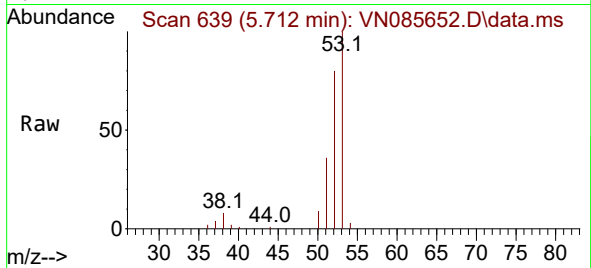
76 44.0 30.5 45.7





#15
Acrylonitrile
Concen: 110.151 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

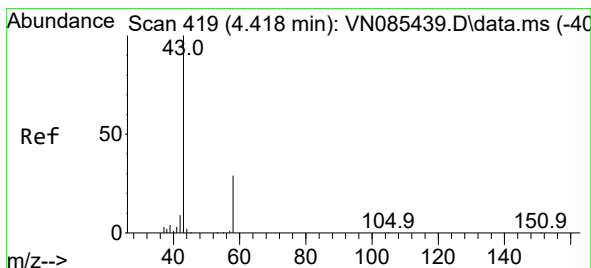
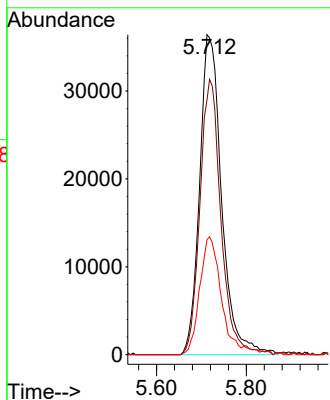
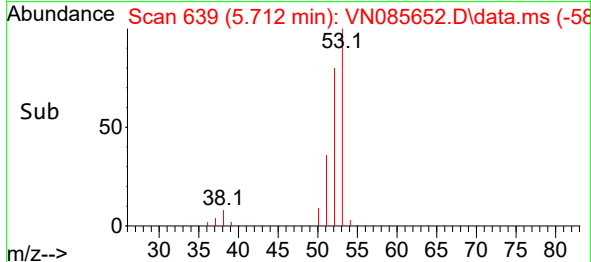
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion: 53 Resp: 12407
Ion Ratio Lower Upper
53 100
52 82.1 65.5 98.3
51 37.0 29.8 44.8

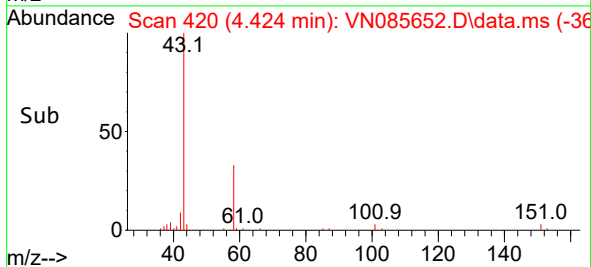
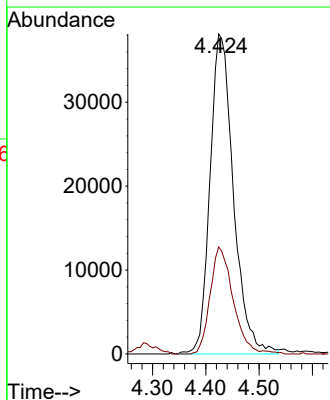
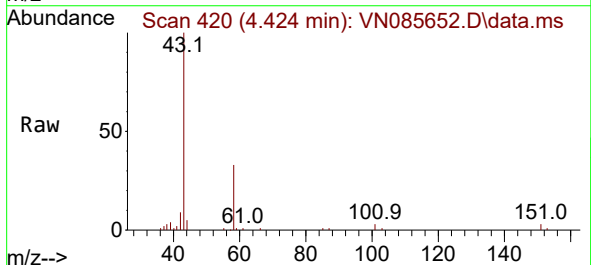
Manual Integrations
APPROVED

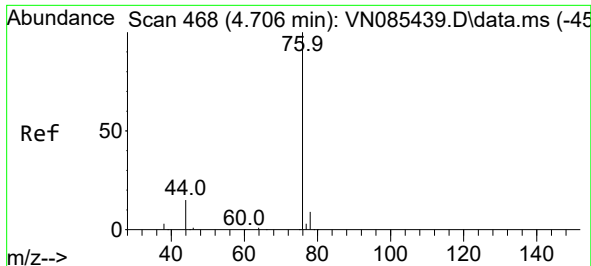
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#16
Acetone
Concen: 116.453 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

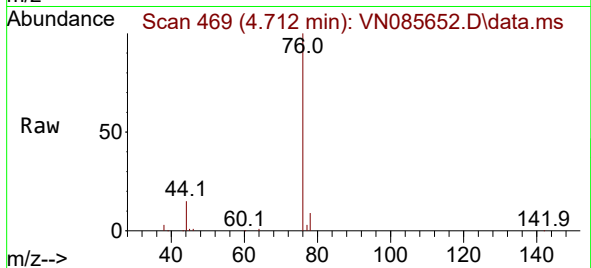
Tgt Ion: 43 Resp: 116532
Ion Ratio Lower Upper
43 100
58 33.5 23.8 35.6





#17
Carbon Disulfide
Concen: 24.205 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

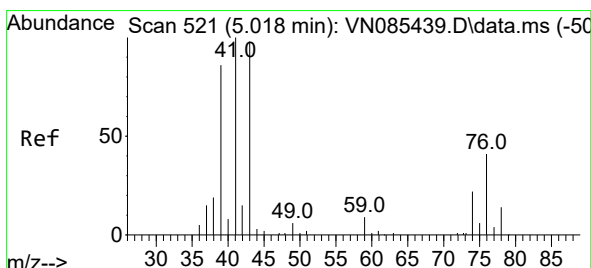
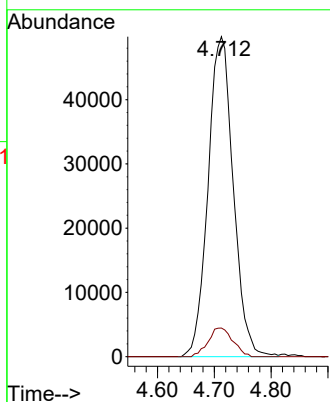
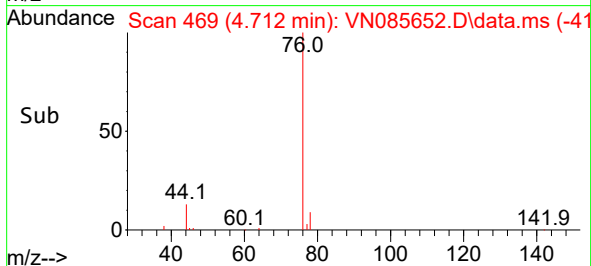
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion: 76 Resp: 153456
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3

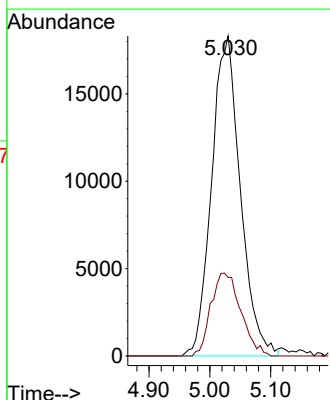
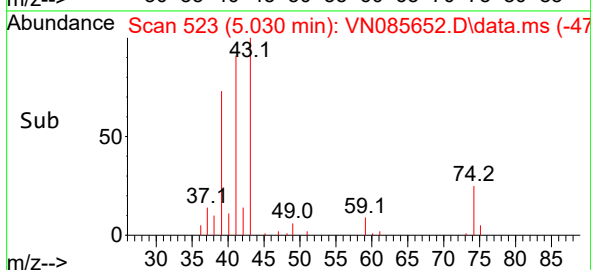
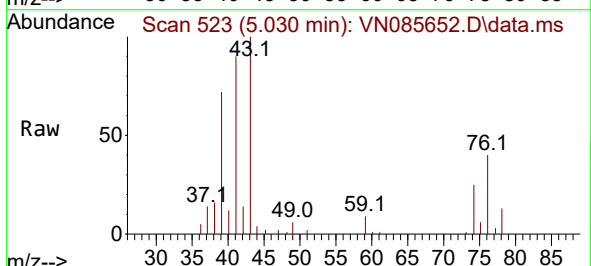
Manual Integrations
APPROVED

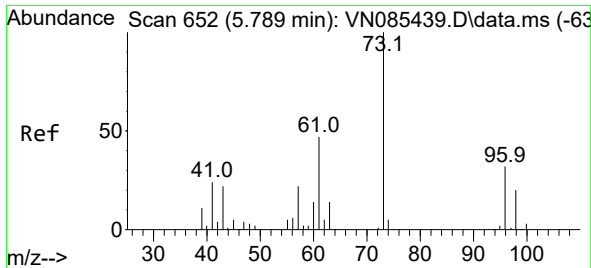
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#18
Methyl Acetate
Concen: 19.726 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion: 43 Resp: 60024
Ion Ratio Lower Upper
43 100
74 27.0 18.6 28.0





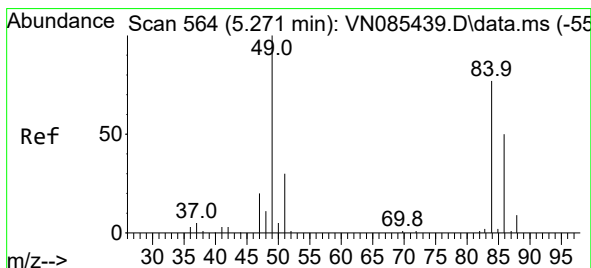
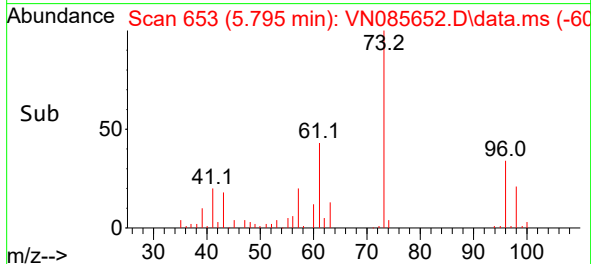
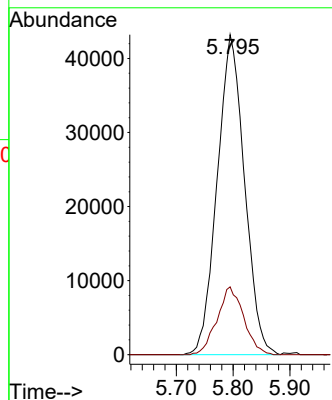
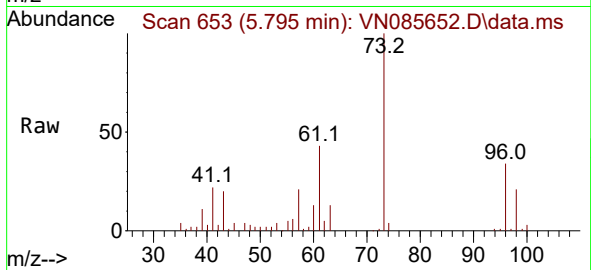
#19
Methyl tert-butyl Ether
Concen: 21.554 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion: 73 Resp: 144114
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8

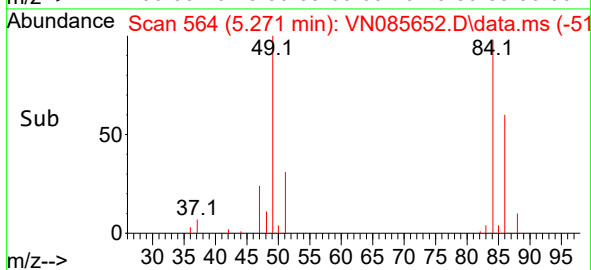
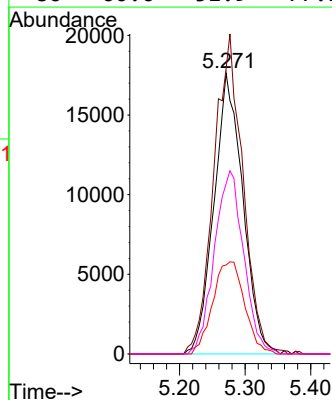
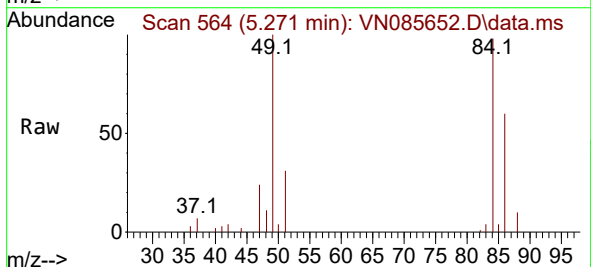
Manual Integrations
APPROVED

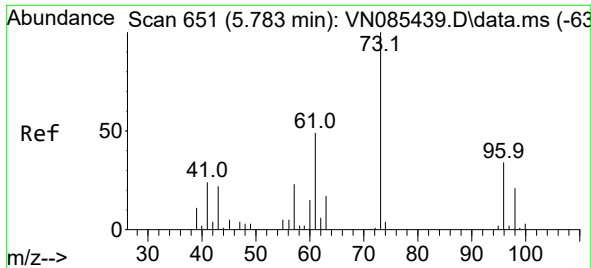
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#20
Methylene Chloride
Concen: 21.690 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

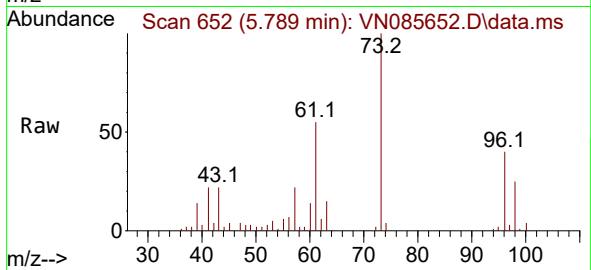
Tgt Ion: 84 Resp: 53733
Ion Ratio Lower Upper
84 100
49 101.7 104.1 156.1#
51 31.7 31.0 46.4
86 60.6 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 21.456 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

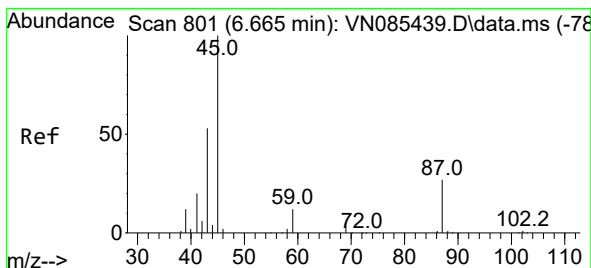
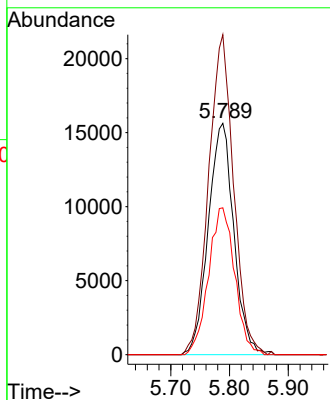
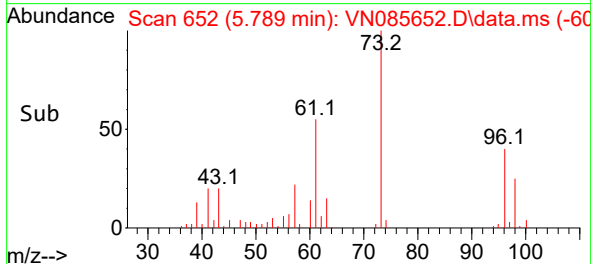
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



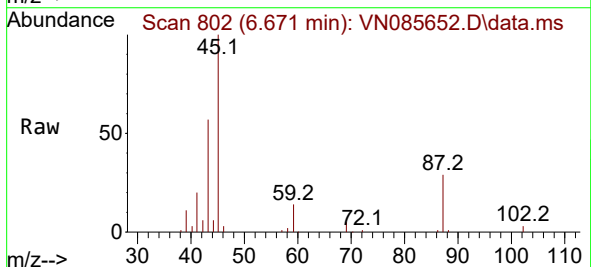
Tgt Ion: 96 Resp: 4721
Ion Ratio Lower Upper
96 100
61 138.3 115.7 173.5
98 63.4 49.8 74.8

Manual Integrations
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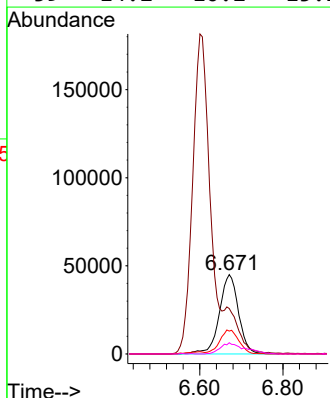
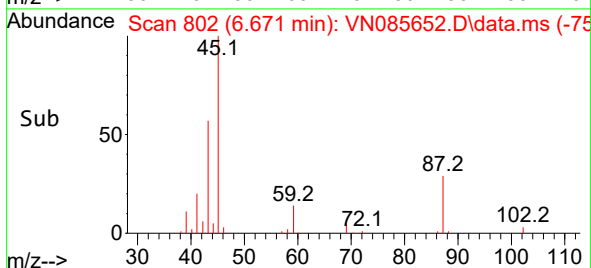
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

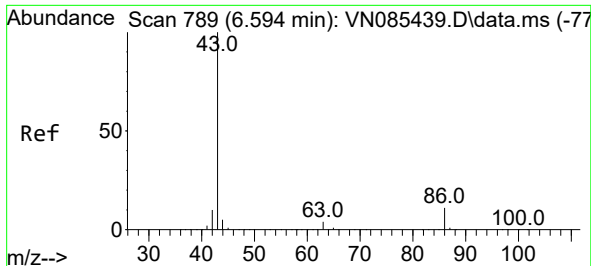


#22
Diisopropyl ether
Concen: 19.424 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



Tgt Ion: 45 Resp: 144054
Ion Ratio Lower Upper
45 100
43 56.2 45.0 67.6
87 28.9 21.8 32.8
59 14.2 10.2 15.2





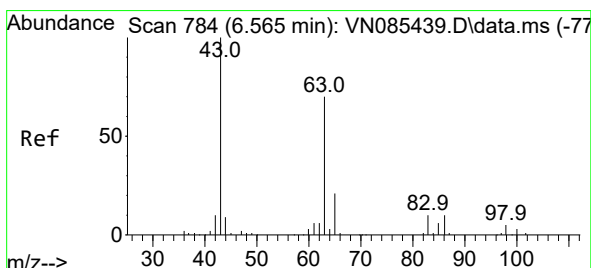
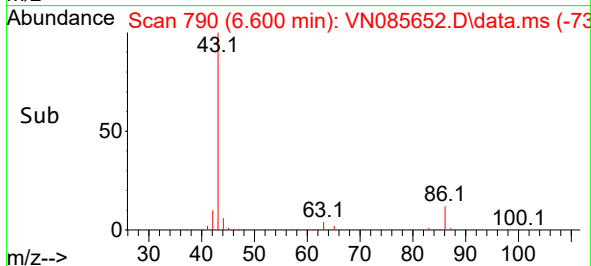
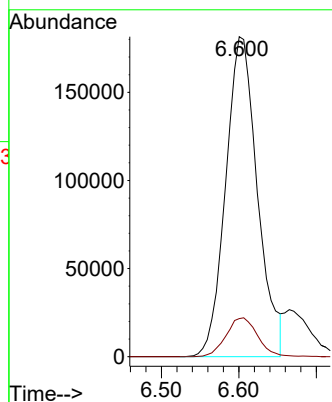
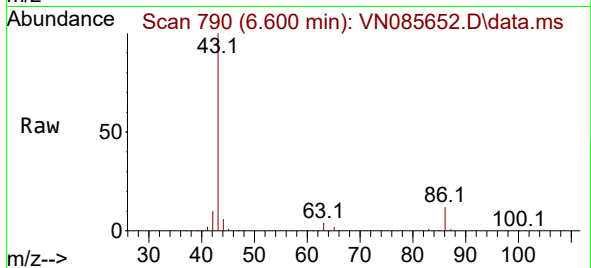
#23
 Vinyl Acetate
 Concen: 99.857 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085652.D
 Acq: 04 Feb 2025 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204MBS01

Tgt Ion: 43 Resp: 51826
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.4 12.6

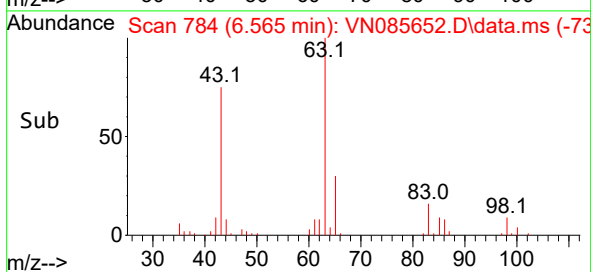
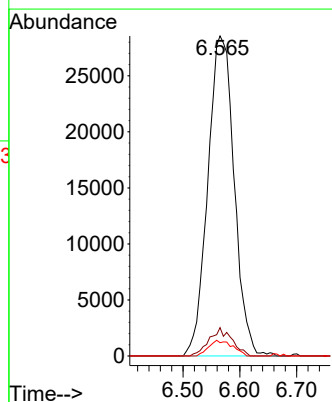
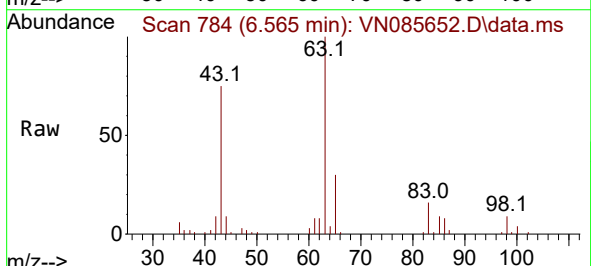
Manual Integrations
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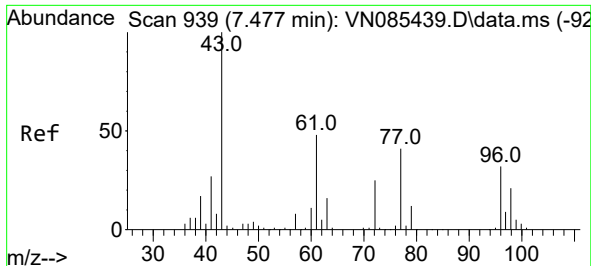
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#24
 1,1-Dichloroethane
 Concen: 20.335 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085652.D
 Acq: 04 Feb 2025 15:24

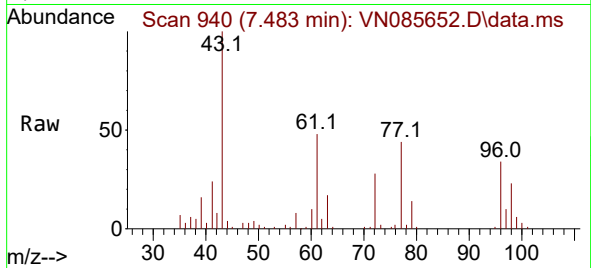
Tgt Ion: 63 Resp: 91957
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.3 9.8
 100 4.1 2.0 6.0





#25
2-Butanone
Concen: 105.595 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

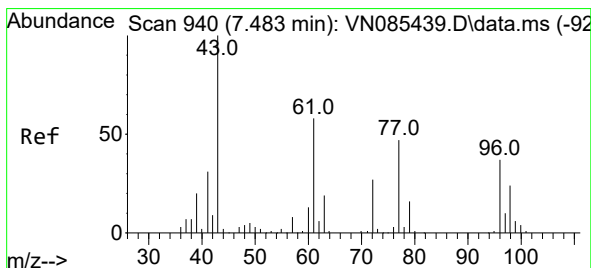
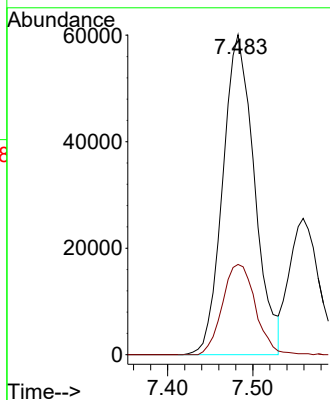
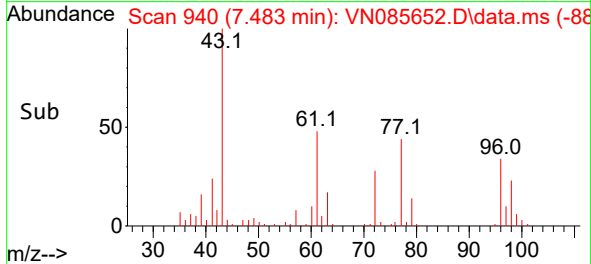
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



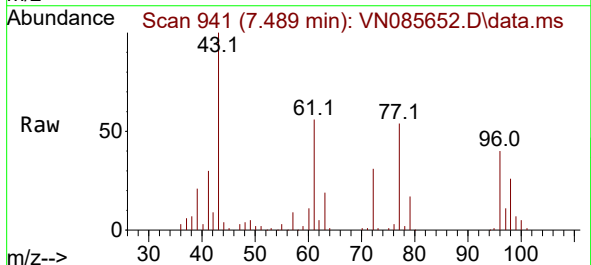
Tgt Ion: 43 Resp: 155498
Ion Ratio Lower Upper
43 100
72 28.2 20.2 30.4

Manual Integrations
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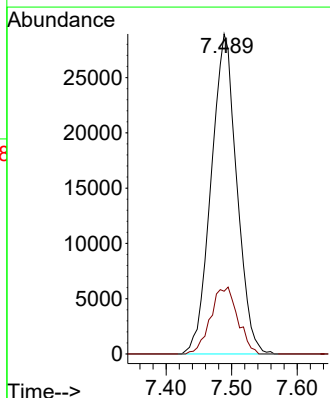
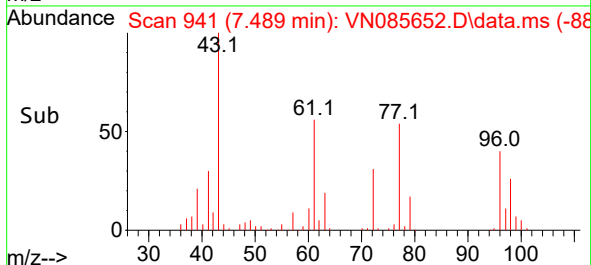
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

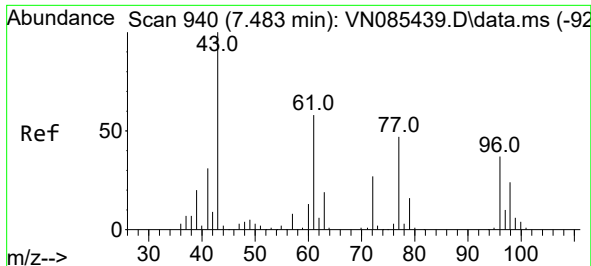


#26
2,2-Dichloropropane
Concen: 21.486 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



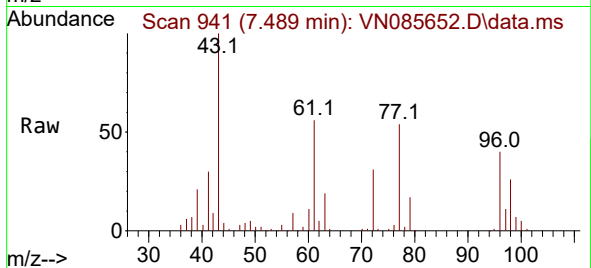
Tgt Ion: 77 Resp: 78555
Ion Ratio Lower Upper
77 100
97 22.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 22.037 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085652.D
 Acq: 04 Feb 2025 15:24

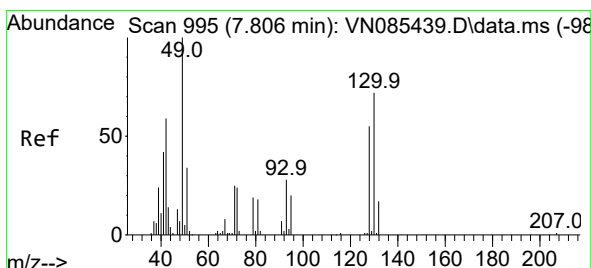
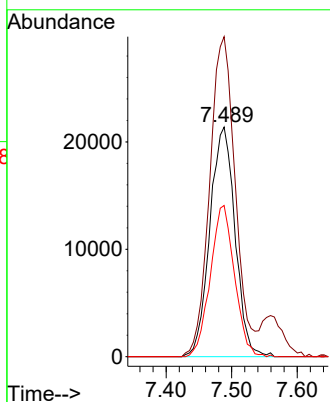
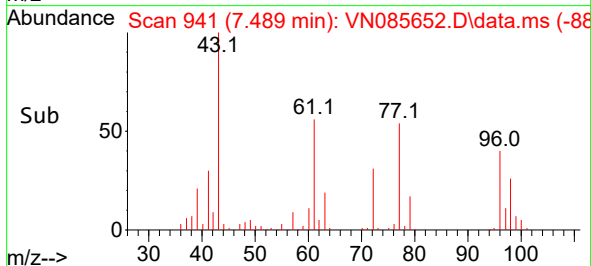
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204MBS01



Tgt Ion: 96 Resp: 57118
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 311.8
 98 63.3 0.0 126.0

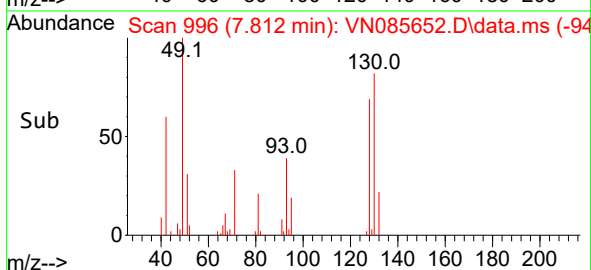
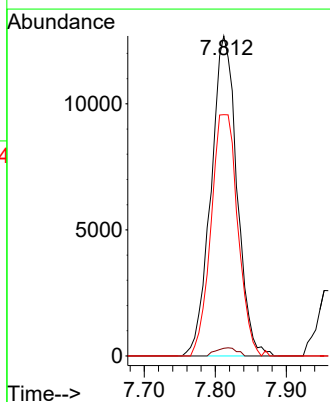
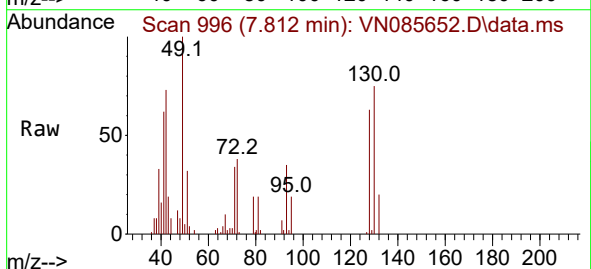
Manual Integrations
 APPROVED

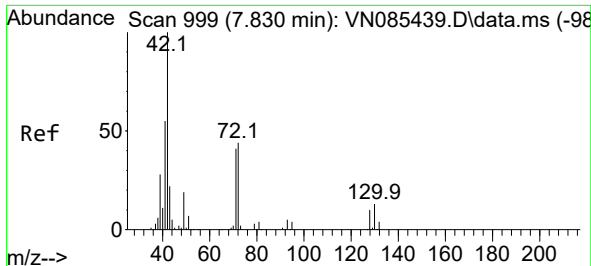
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#28
 Bromochloromethane
 Concen: 15.321 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085652.D
 Acq: 04 Feb 2025 15:24

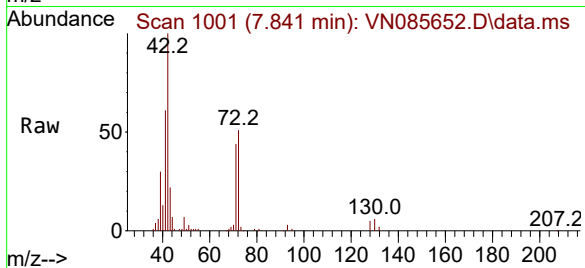
Tgt Ion: 49 Resp: 32233
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 77.7 55.0 82.4





#29
Tetrahydrofuran
Concen: 107.074 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

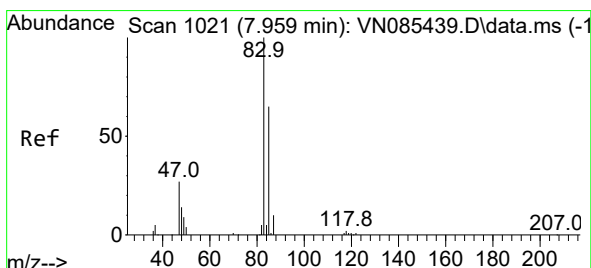
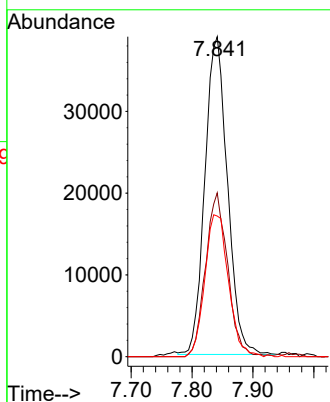
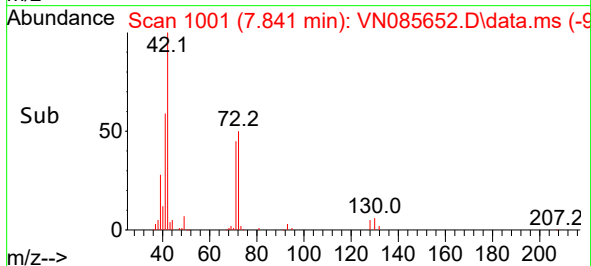
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



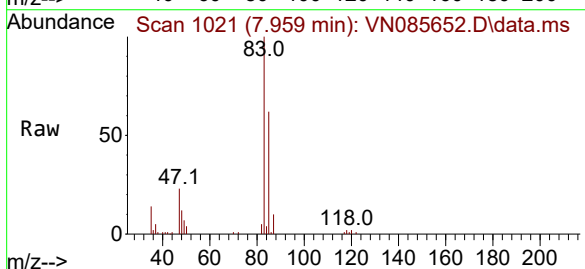
Tgt Ion: 42 Resp: 9996
Ion Ratio Lower Upper
42 100
72 50.6 34.2 51.2
71 46.9 32.5 48.7

Manual Integrations
APPROVED

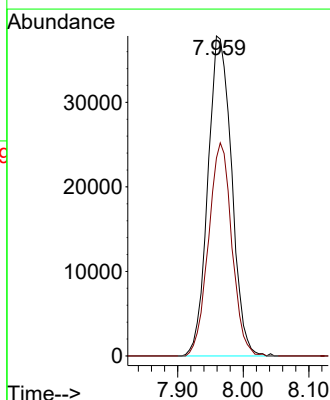
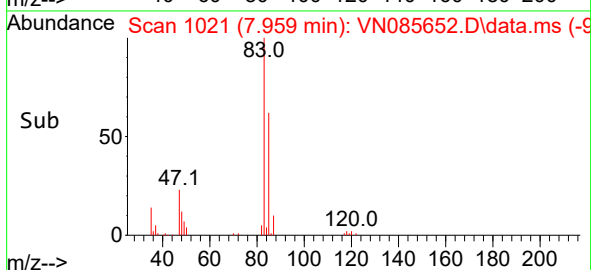
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

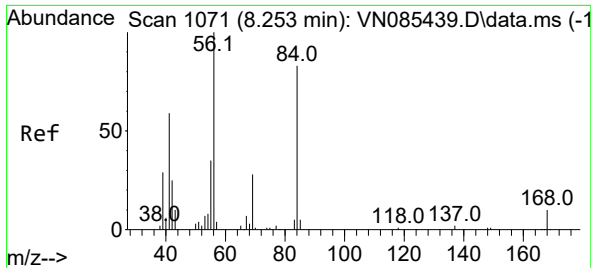


#30
Chloroform
Concen: 20.341 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



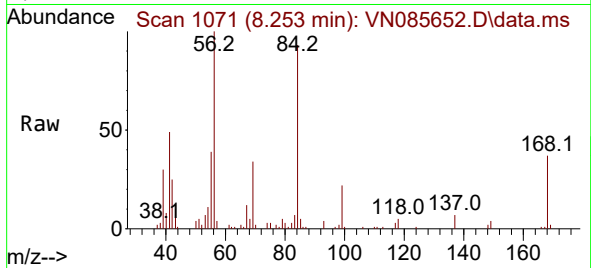
Tgt Ion: 83 Resp: 95068
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.6





#31
Cyclohexane
Concen: 19.002 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

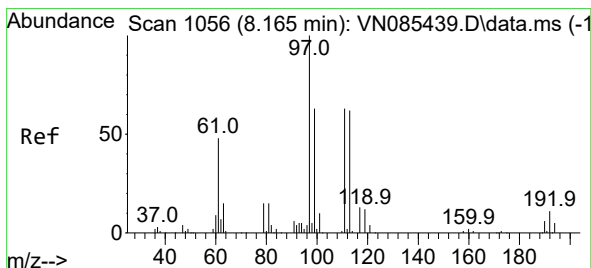
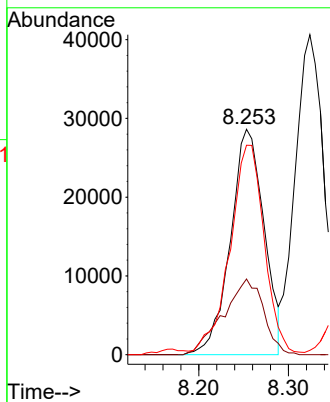
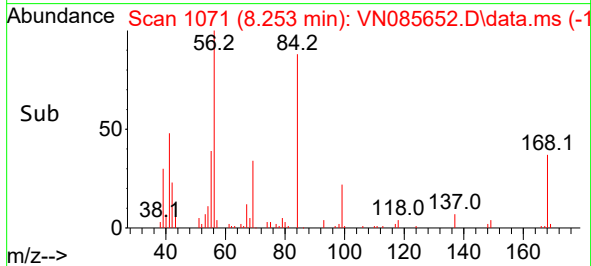
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion: 56 Resp: 74680
Ion Ratio Lower Upper
56 100
69 33.6 22.2 33.4
84 91.1 66.4 99.6

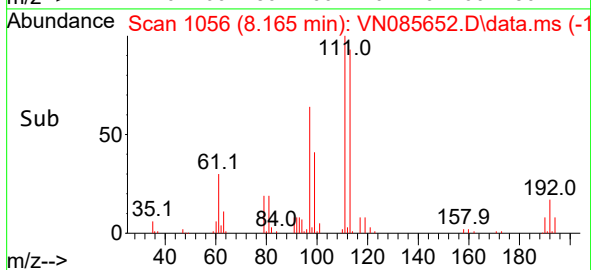
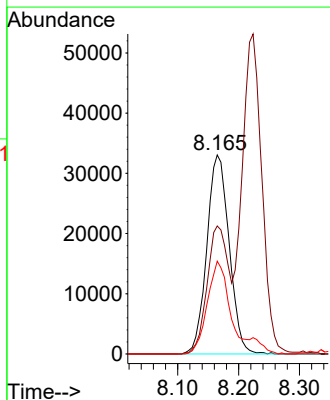
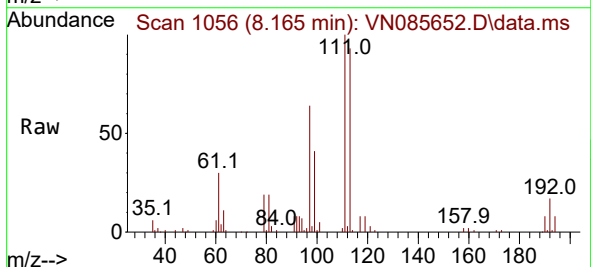
Manual Integrations
APPROVED

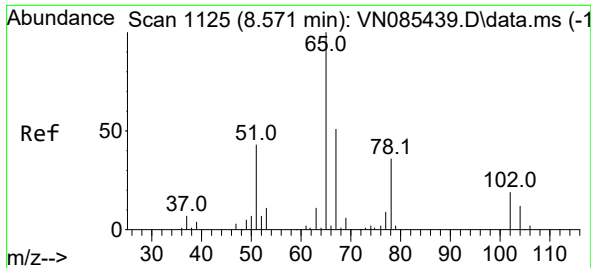
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#32
1,1,1-Trichloroethane
Concen: 20.551 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

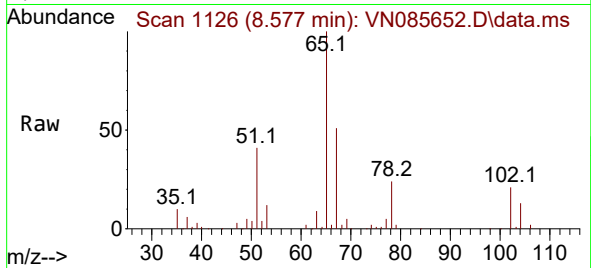
Tgt Ion: 97 Resp: 84251
Ion Ratio Lower Upper
97 100
99 61.2 49.8 74.6
61 47.2 41.4 62.2





#33
1,2-Dichloroethane-d4
Concen: 46.749 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

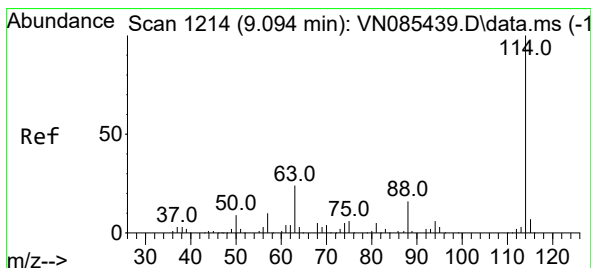
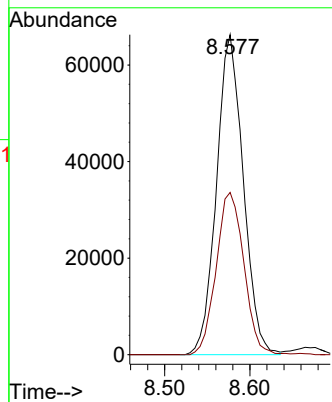
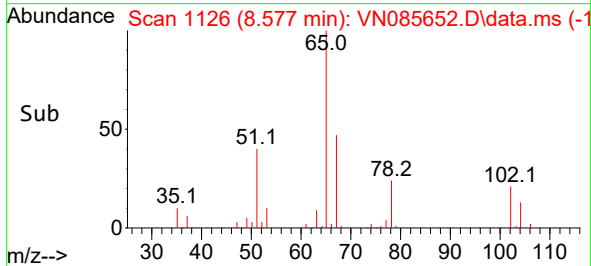
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



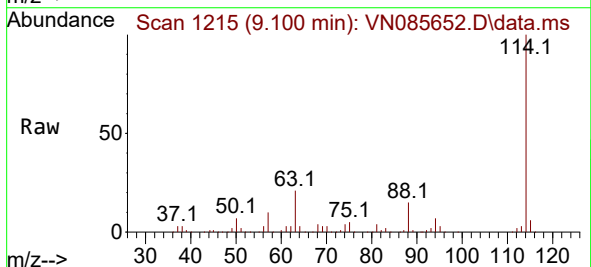
Tgt Ion: 65 Resp: 144784
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.6

Manual Integrations
APPROVED

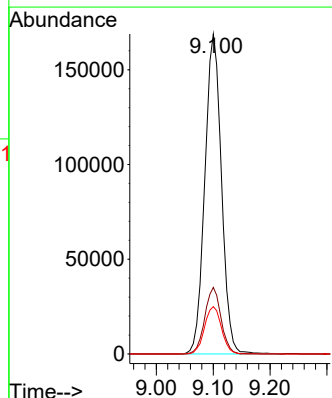
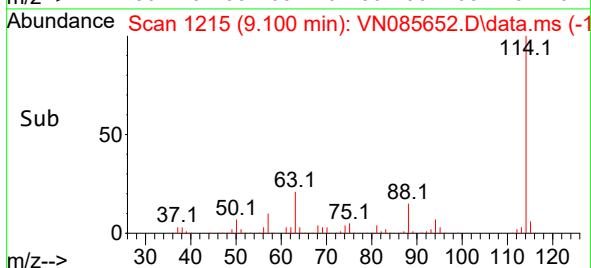
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

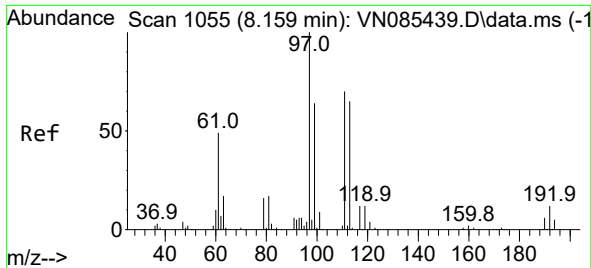


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



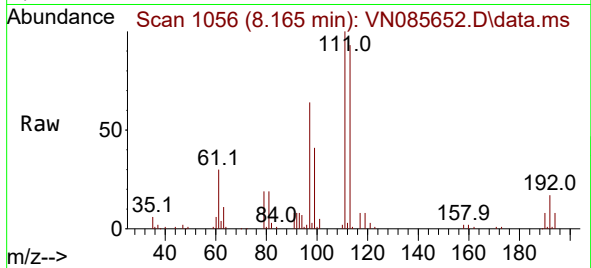
Tgt Ion:114 Resp: 342786
Ion Ratio Lower Upper
114 100
63 20.8 0.0 47.6
88 14.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.004 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

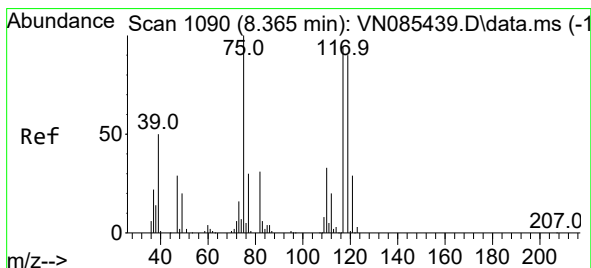
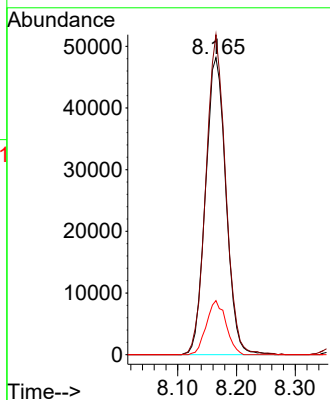
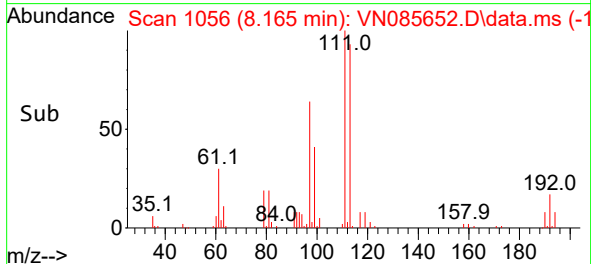
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion:113 Resp: 116530
Ion Ratio Lower Upper
113 100
111 104.1 82.7 124.1
192 17.5 14.3 21.5

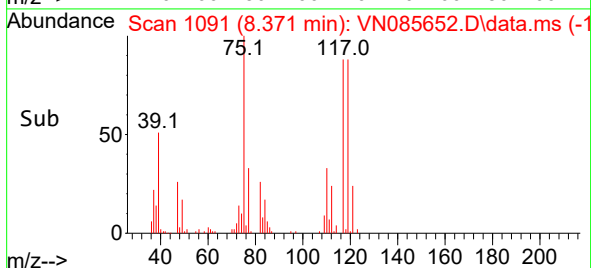
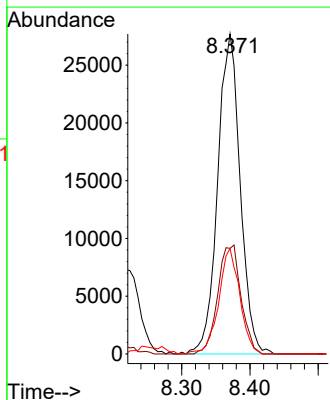
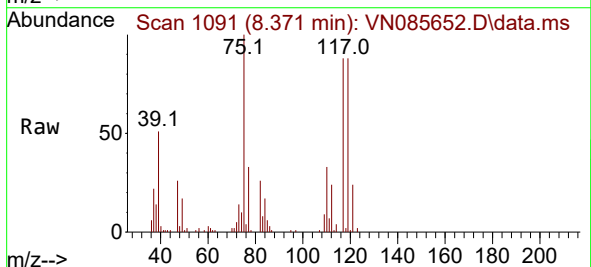
Manual Integrations
APPROVED

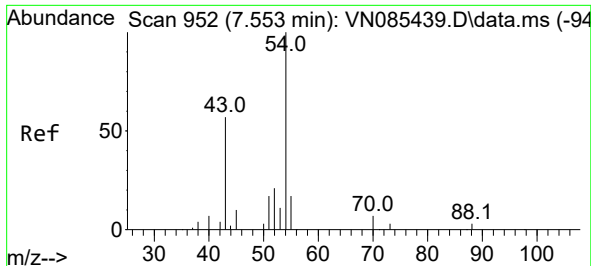
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#36
1,1-Dichloropropene
Concen: 19.106 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion: 75 Resp: 63769
Ion Ratio Lower Upper
75 100
110 35.0 16.5 49.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 18.951 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBS01

Tgt Ion: 43 Resp: 6384

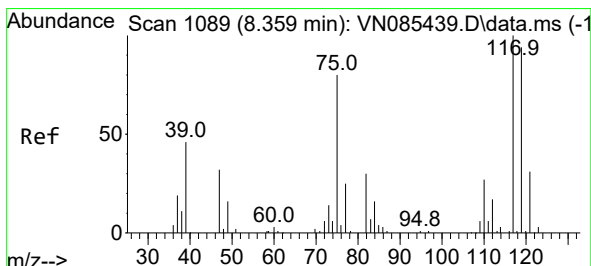
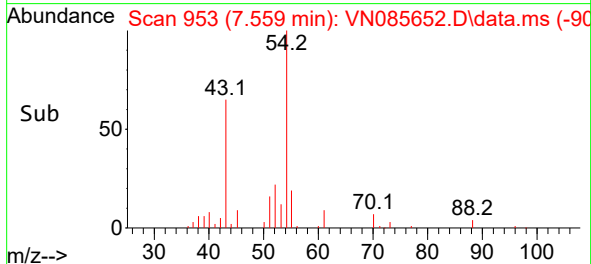
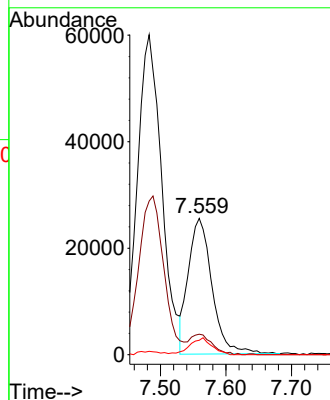
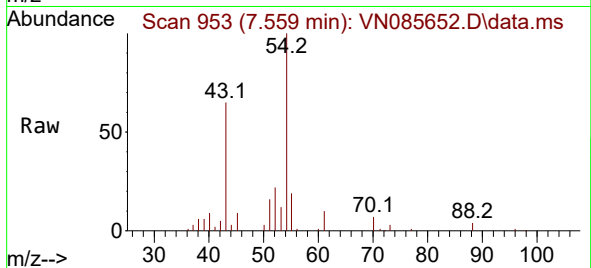
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.9	16.3
70	11.6	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#38

Carbon Tetrachloride

Concen: 19.288 ug/l

RT: 8.359 min Scan# 1089

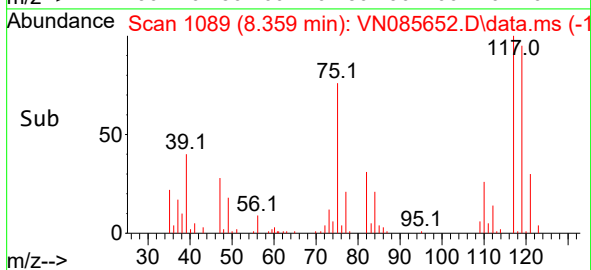
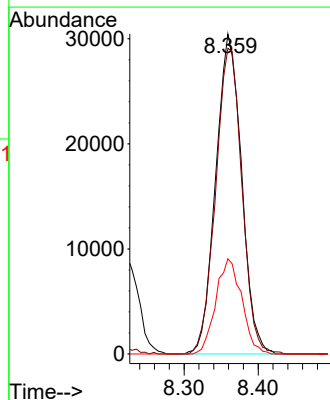
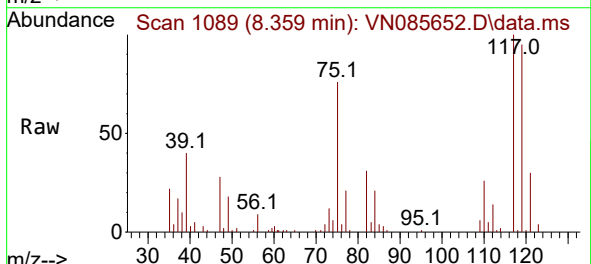
Delta R.T. 0.000 min

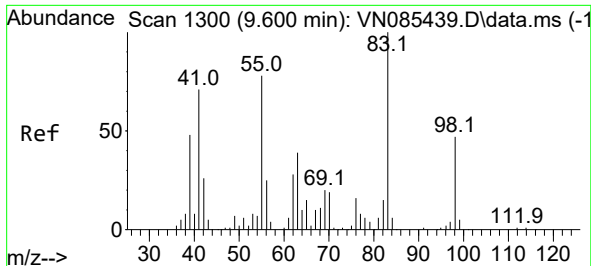
Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Tgt Ion:117 Resp: 73700

Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.4	113.2
121	29.8	24.6	37.0





#39

Methylcyclohexane

Concen: 20.147 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBS01

Tgt Ion: 83 Resp: 6318

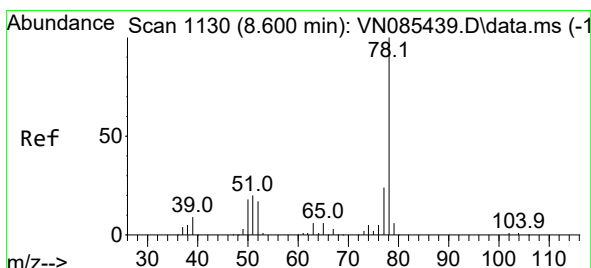
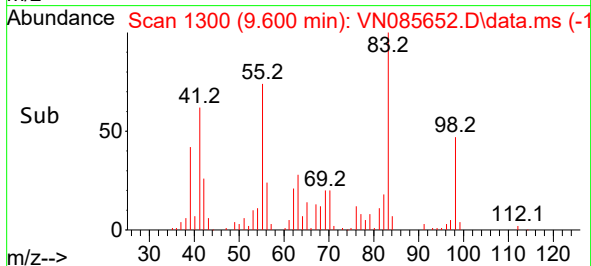
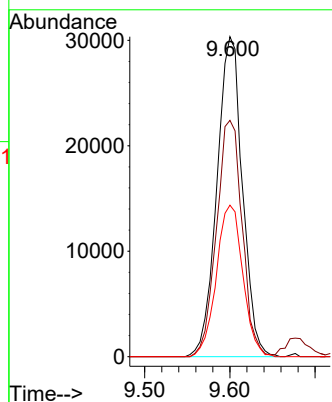
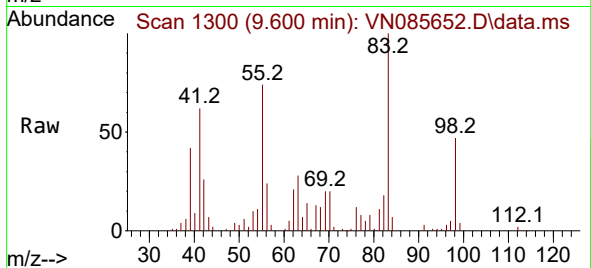
Ion	Ratio	Lower	Upper
83	100		
55	73.9	62.6	94.0
98	47.3	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#40

Benzene

Concen: 20.828 ug/l

RT: 8.606 min Scan# 1131

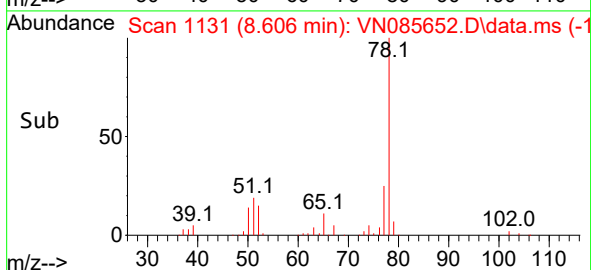
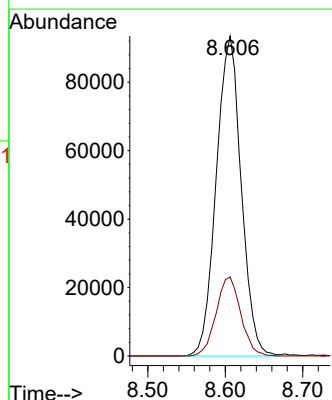
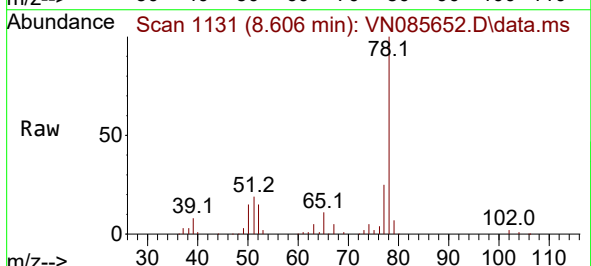
Delta R.T. 0.006 min

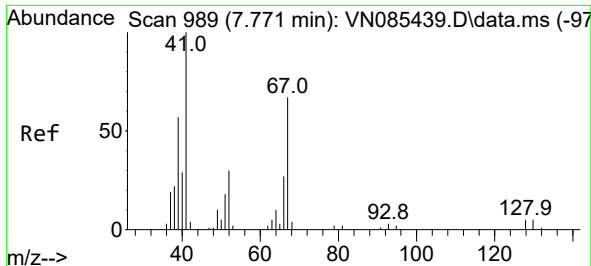
Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Tgt Ion: 78 Resp: 208870

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.6





#41
Methacrylonitrile
Concen: 18.052 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

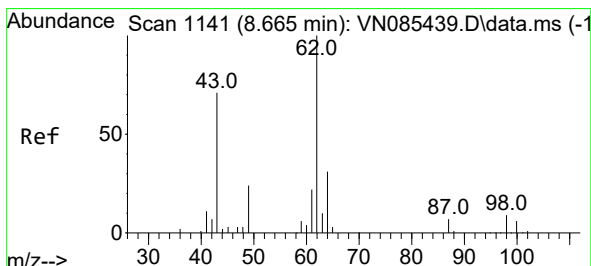
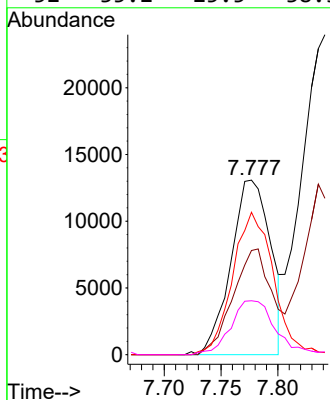
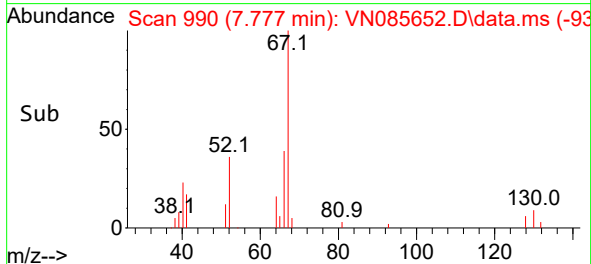
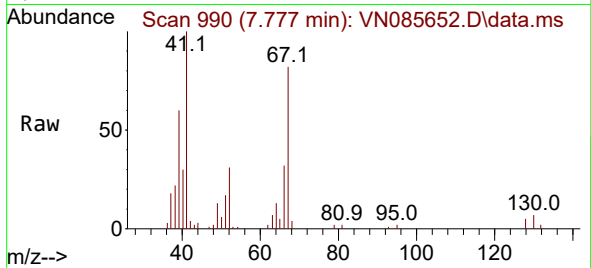
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion: 41 Resp: 31640

Ion	Ratio	Lower	Upper
41	100		
39	60.7	46.0	69.0
67	84.1	57.4	86.2
52	35.2	25.5	38.3

Manual Integrations
APPROVED

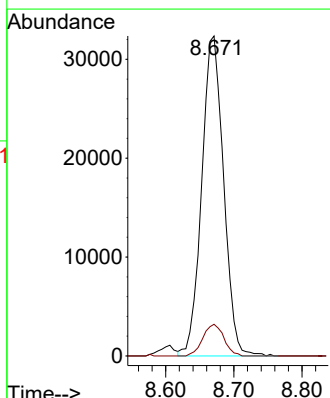
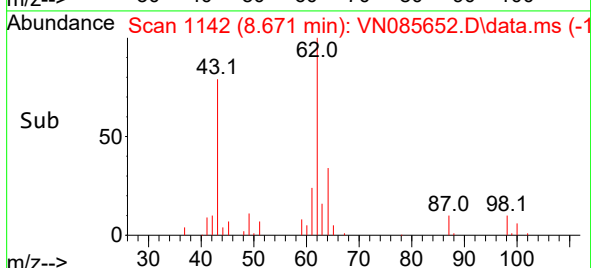
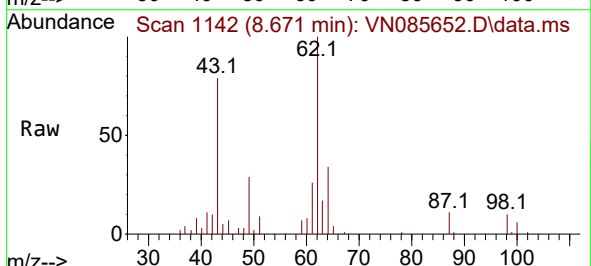
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

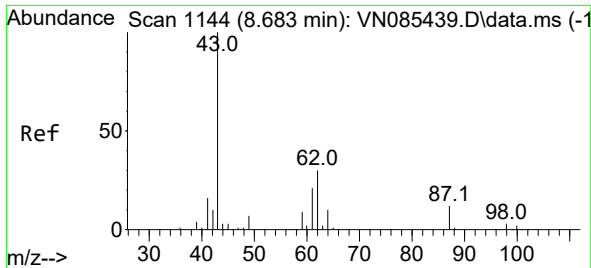


#42
1,2-Dichloroethane
Concen: 19.141 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion: 62 Resp: 72294

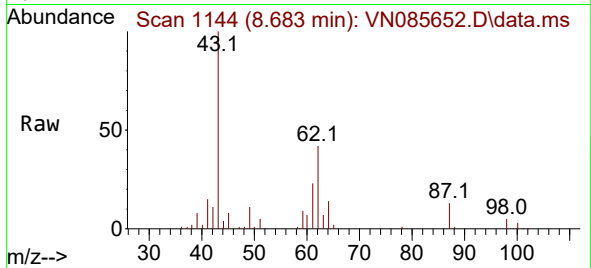
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.0





#43
Isopropyl Acetate
Concen: 21.599 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

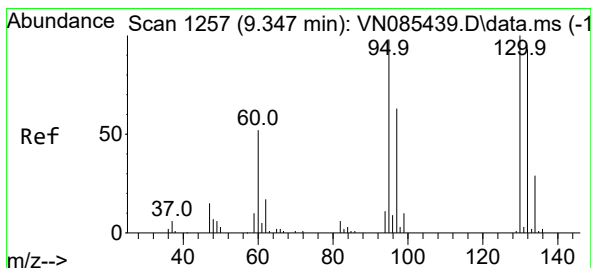
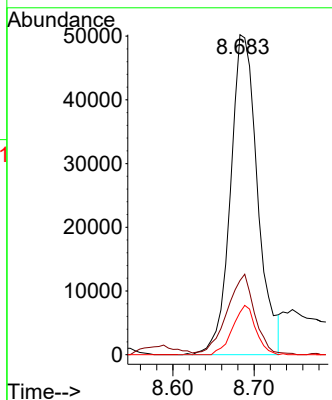
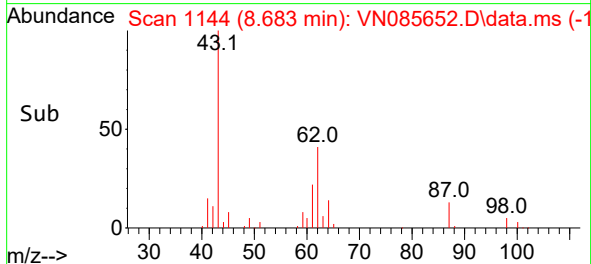
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



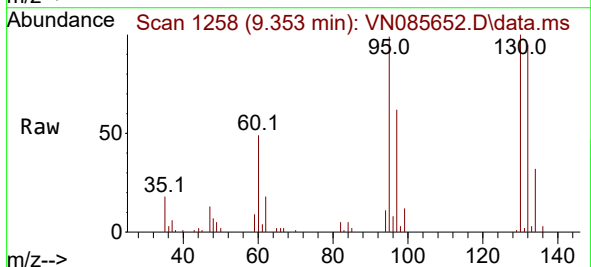
Tgt Ion: 43 Resp: 116590
Ion Ratio Lower Upper
43 100
61 25.8 20.7 31.1
87 13.1 9.8 14.8

Manual Integrations
APPROVED

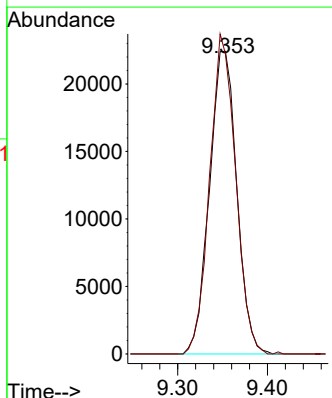
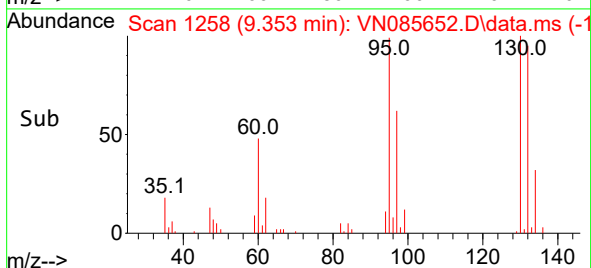
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

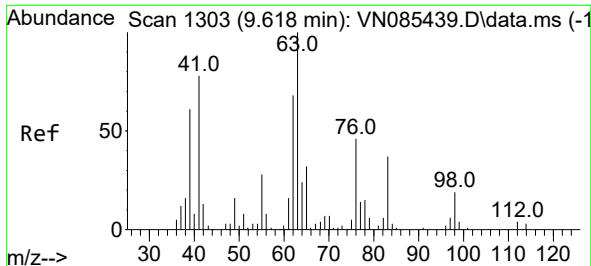


#44
Trichloroethene
Concen: 20.344 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



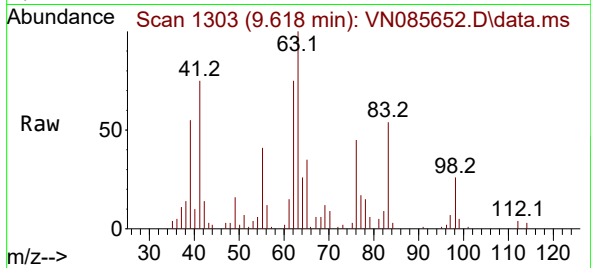
Tgt Ion:130 Resp: 47490
Ion Ratio Lower Upper
130 100
95 99.2 0.0 195.8





#45
1,2-Dichloropropane
Concen: 19.803 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

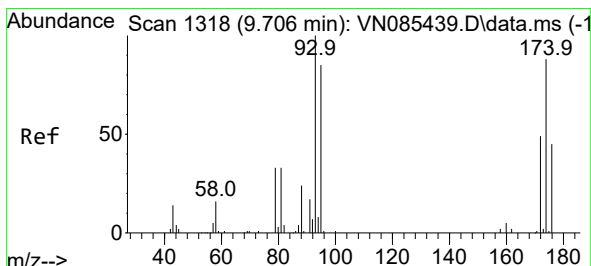
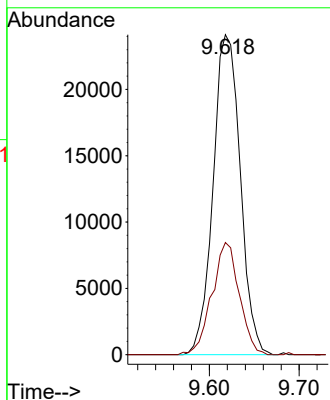
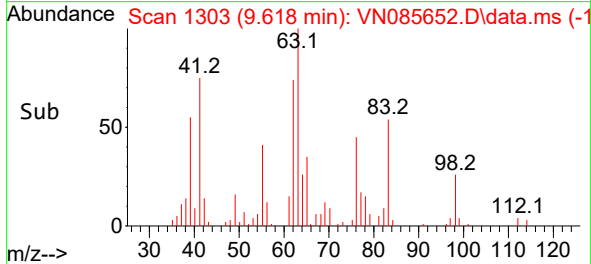
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion: 63 Resp: 50720
Ion Ratio Lower Upper
63 100
65 35.0 25.6 38.4

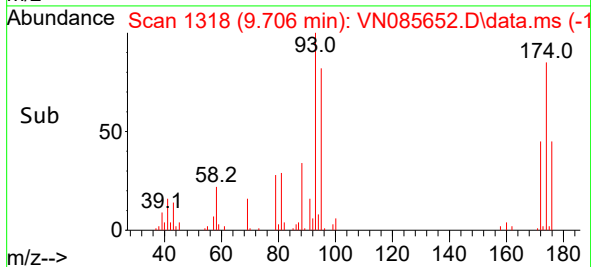
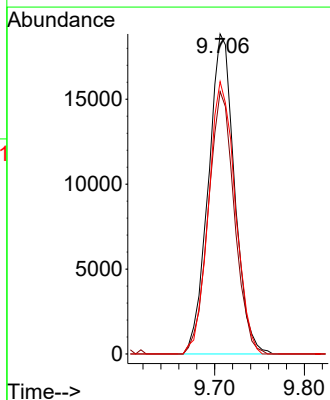
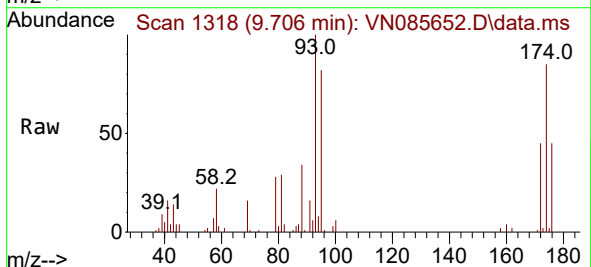
Manual Integrations
APPROVED

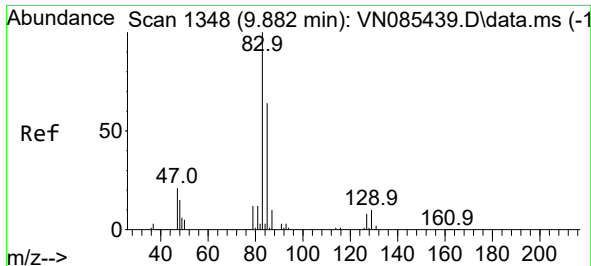
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#46
Dibromomethane
Concen: 20.631 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

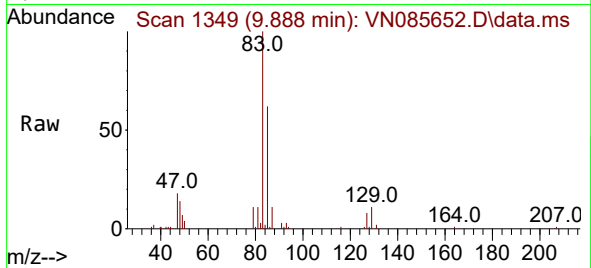
Tgt Ion: 93 Resp: 38132
Ion Ratio Lower Upper
93 100
95 81.5 64.7 97.1
174 86.6 69.0 103.4





#47
Bromodichloromethane
Concen: 20.363 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

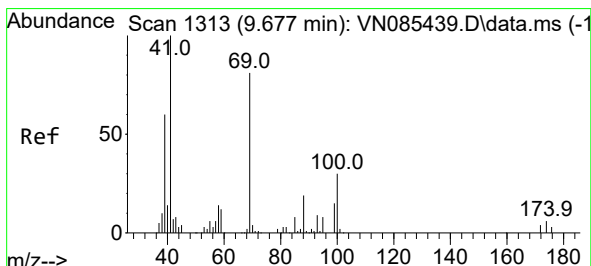
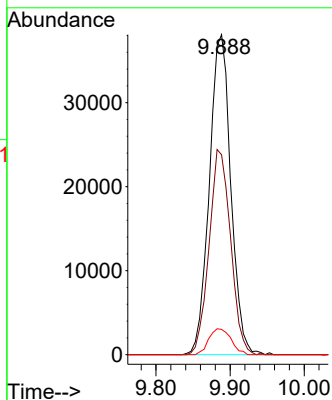
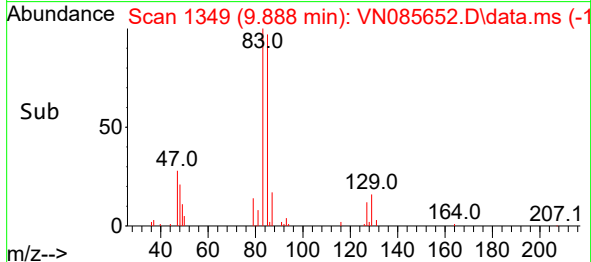
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion: 83 Resp: 76678
Ion Ratio Lower Upper
83 100
85 62.5 51.2 76.8
127 7.9 6.5 9.7

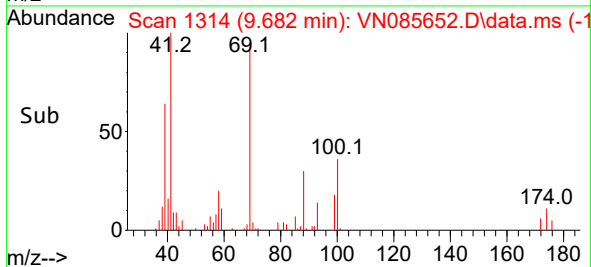
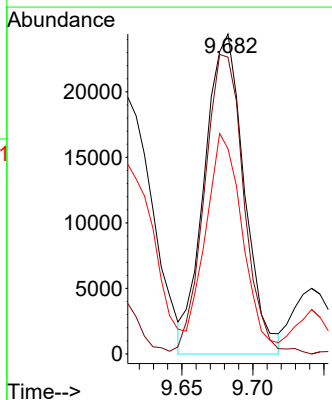
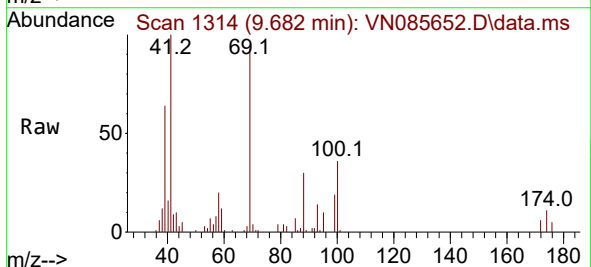
Manual Integrations
APPROVED

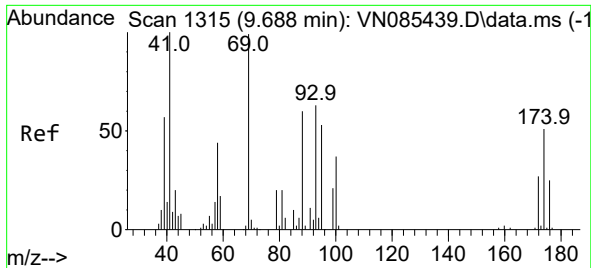
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#48
Methyl methacrylate
Concen: 19.548 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

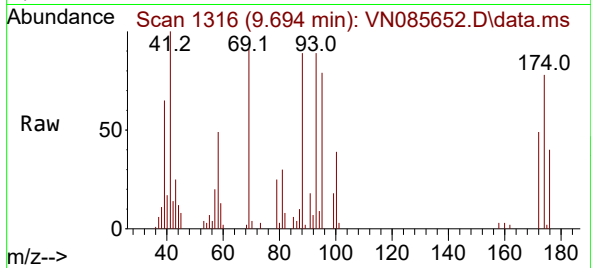
Tgt Ion: 41 Resp: 47488
Ion Ratio Lower Upper
41 100
69 92.9 64.7 97.1
39 64.1 49.0 73.6





#49
1,4-Dioxane
Concen: 526.718 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

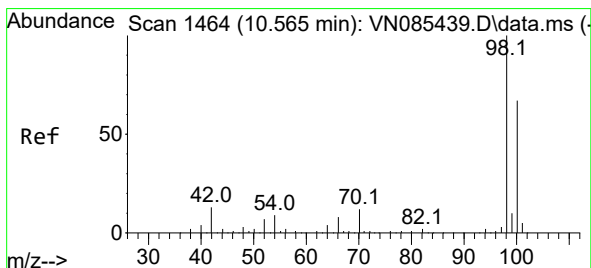
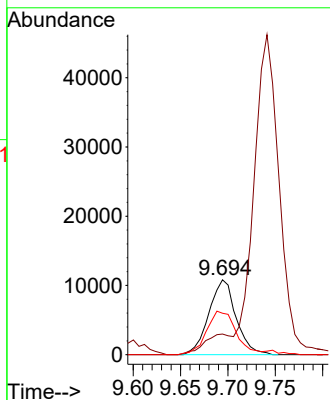
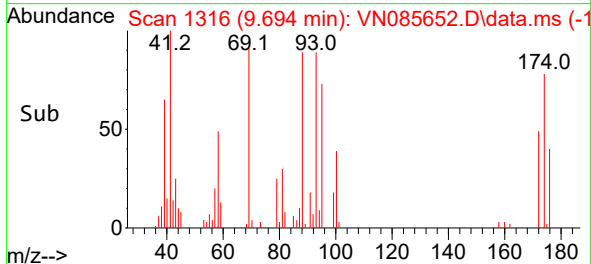
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion: 88 Resp: 2154
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8
58 66.5 59.5 89.3

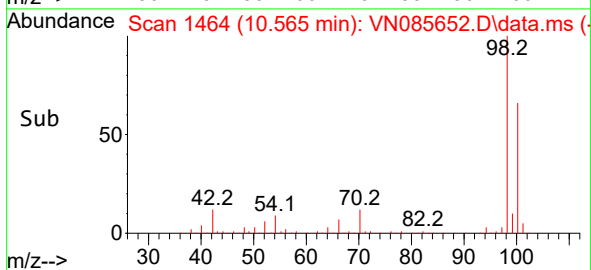
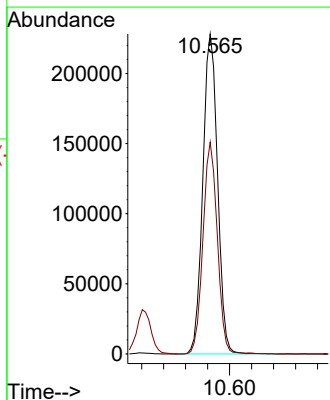
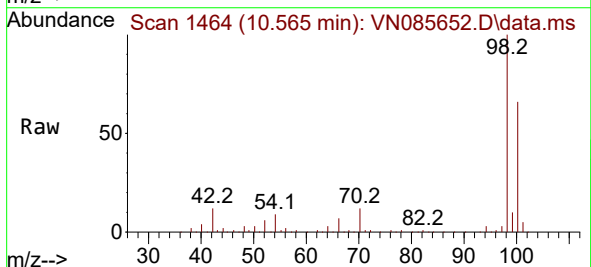
Manual Integrations
APPROVED

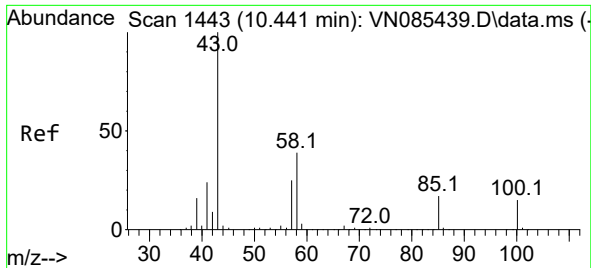
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#50
Toluene-d8
Concen: 50.198 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

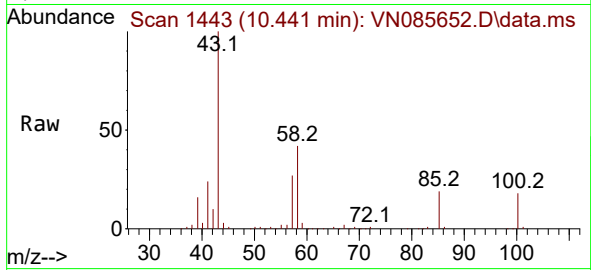
Tgt Ion: 98 Resp: 424141
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 104.370 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

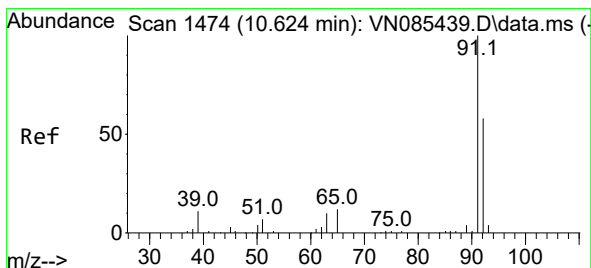
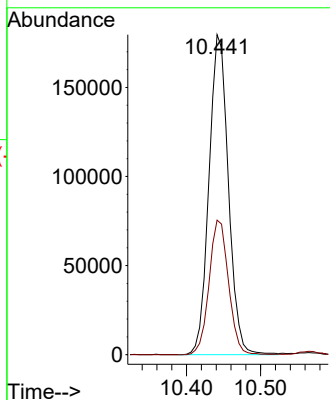
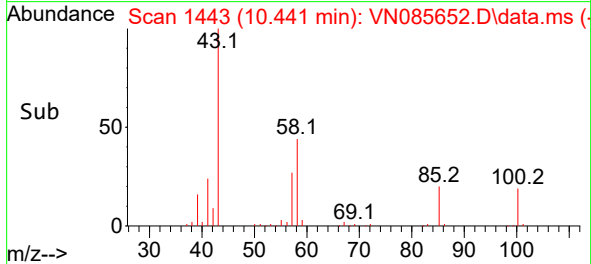
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion: 43 Resp: 326930
Ion Ratio Lower Upper
43 100
58 42.0 30.5 45.7

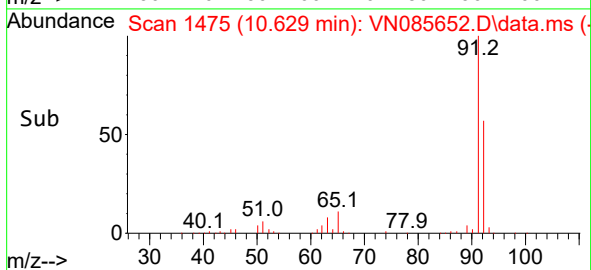
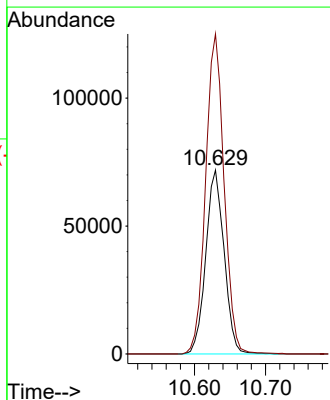
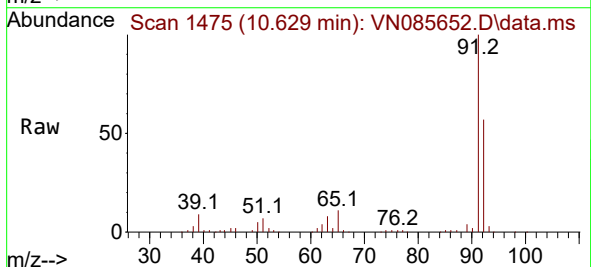
Manual Integrations
APPROVED

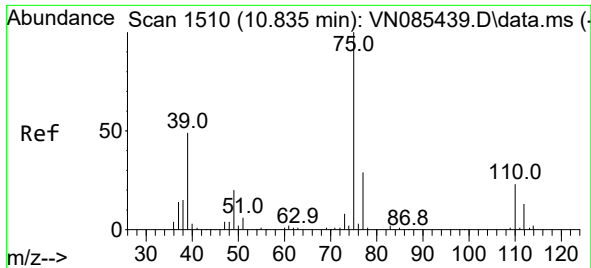
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#52
Toluene
Concen: 22.213 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

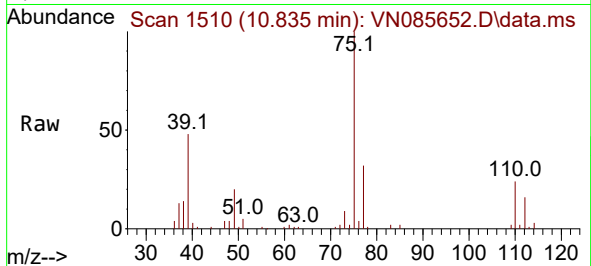
Tgt Ion: 92 Resp: 129072
Ion Ratio Lower Upper
92 100
91 175.0 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 20.521 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

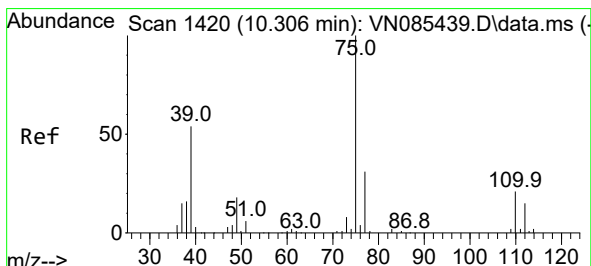
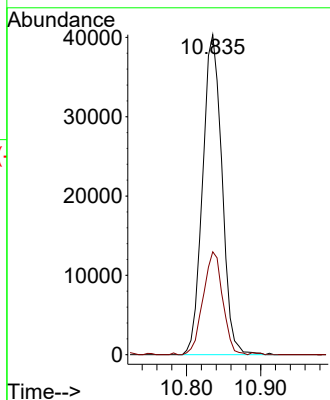
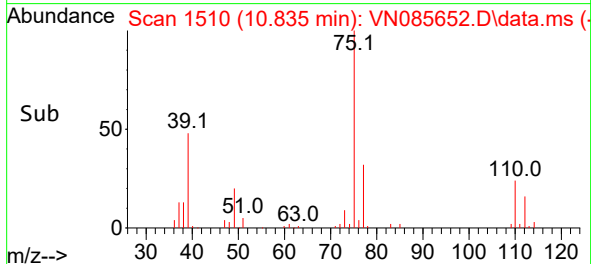
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



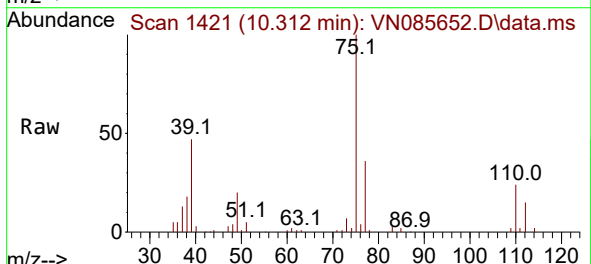
Tgt Ion: 75 Resp: 7302
Ion Ratio Lower Upper
75 100
77 32.1 23.5 35.3

Manual Integrations
APPROVED

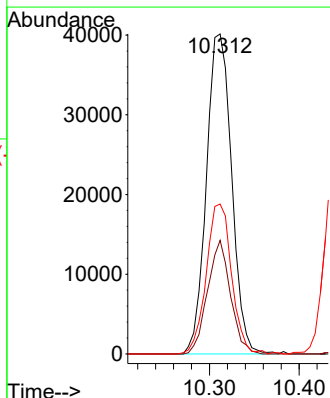
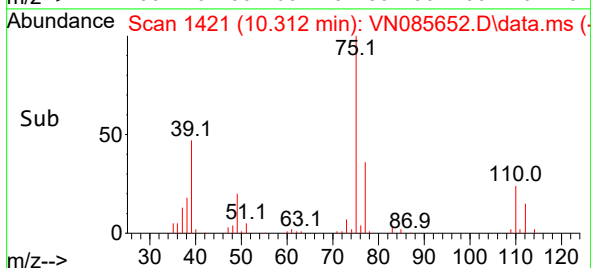
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

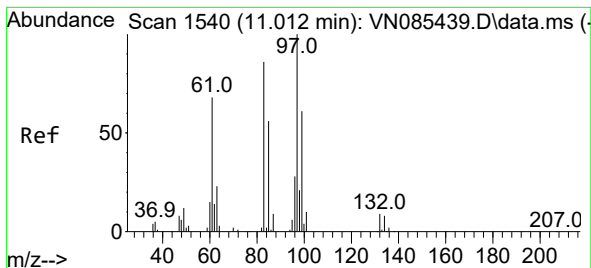


#54
cis-1,3-Dichloropropene
Concen: 20.640 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



Tgt Ion: 75 Resp: 78455
Ion Ratio Lower Upper
75 100
77 35.5 25.0 37.4
39 46.9 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 21.856 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBS01

Tgt Ion: 97 Resp: 50259

Ion Ratio Lower Upper

97 100

83 82.2 69.0 103.6

85 52.7 44.6 66.8

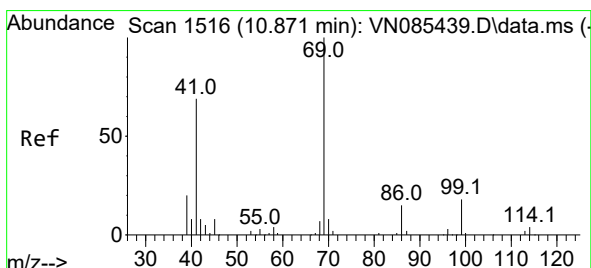
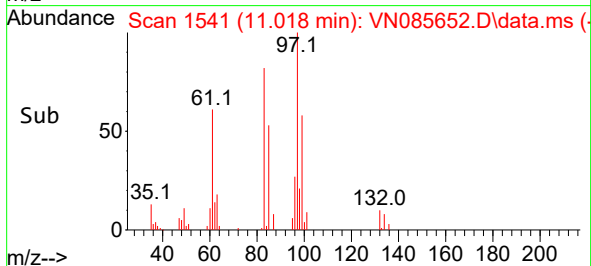
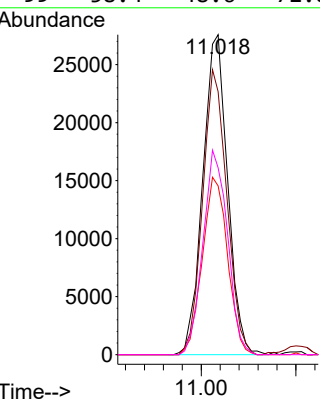
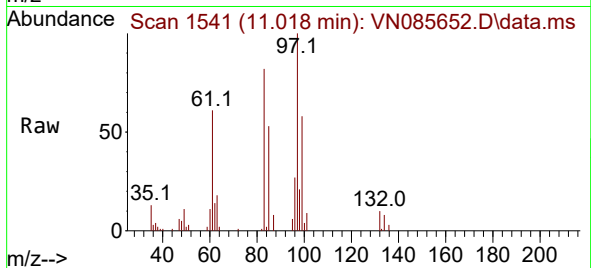
99 58.4 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#56

Ethyl methacrylate

Concen: 19.111 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

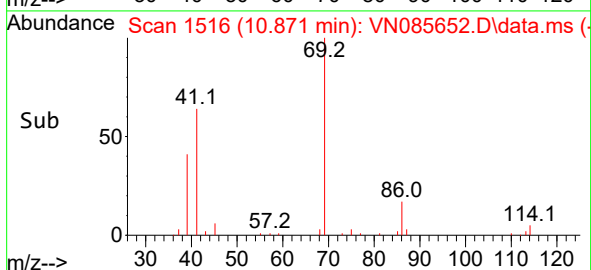
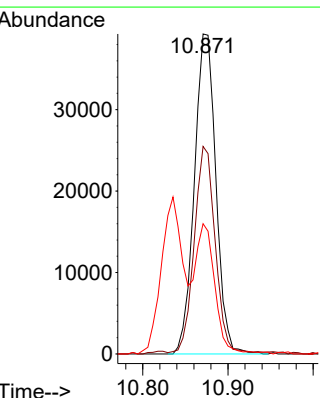
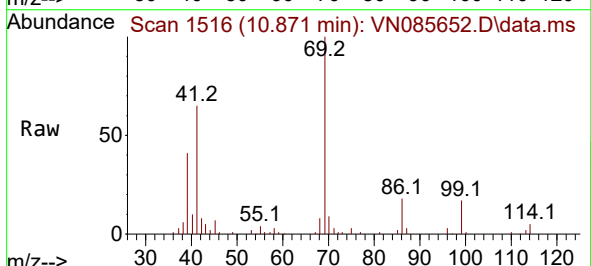
Tgt Ion: 69 Resp: 69225

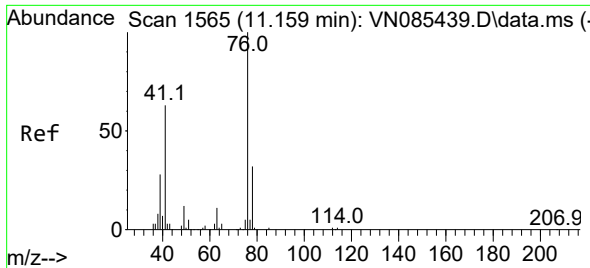
Ion Ratio Lower Upper

69 100

41 64.1 54.6 82.0

39 38.1 32.4 48.6





#57

1,3-Dichloropropane

Concen: 21.497 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBS01

Tgt Ion: 76 Resp: 8595

Ion Ratio Lower Upper

76 100

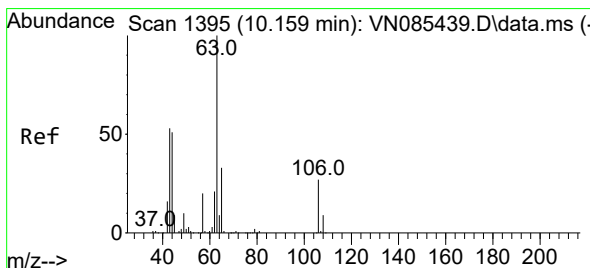
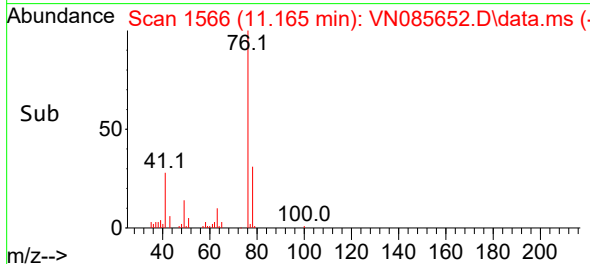
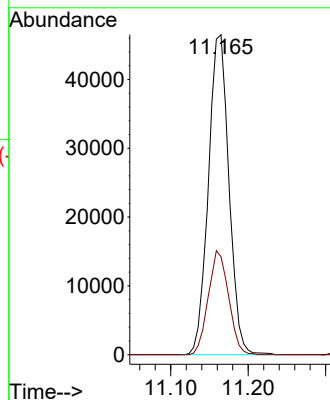
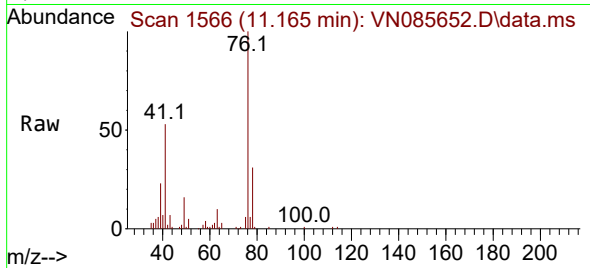
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 67.200 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085652.D

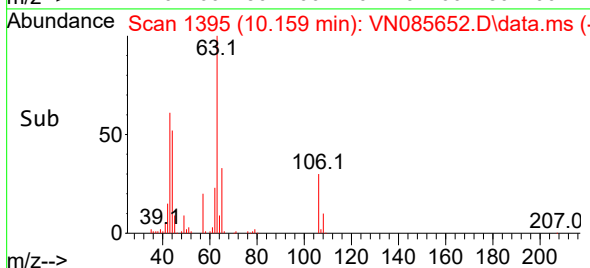
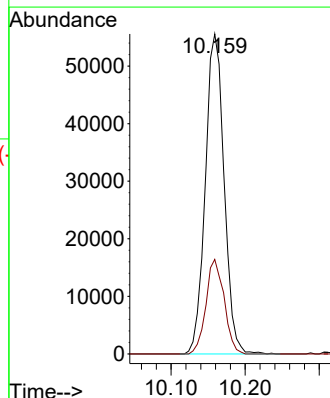
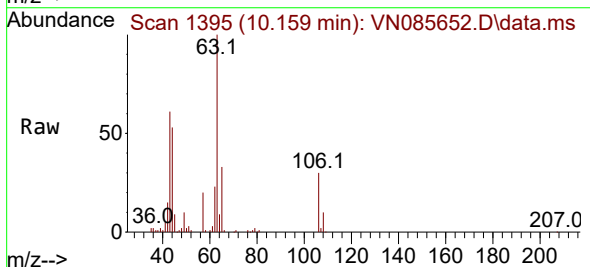
Acq: 04 Feb 2025 15:24

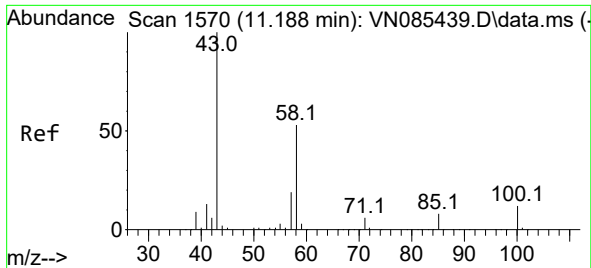
Tgt Ion: 63 Resp: 98064

Ion Ratio Lower Upper

63 100

106 28.6 21.6 32.4





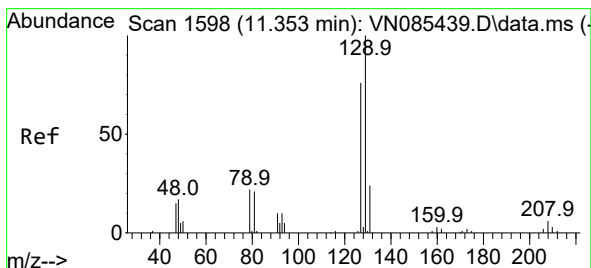
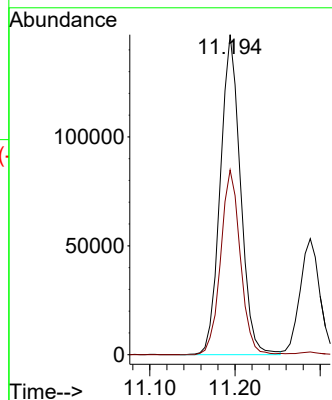
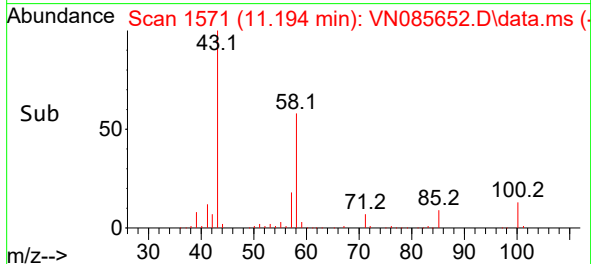
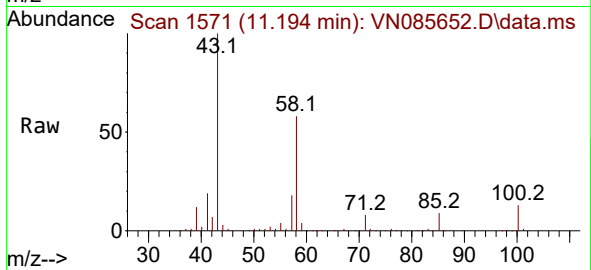
#59
2-Hexanone
Concen: 109.480 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion: 43 Resp: 24130
Ion Ratio Lower Upper
43 100
58 56.2 26.2 78.6

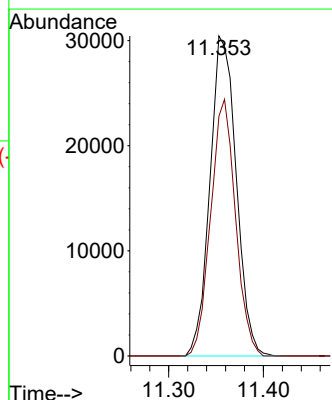
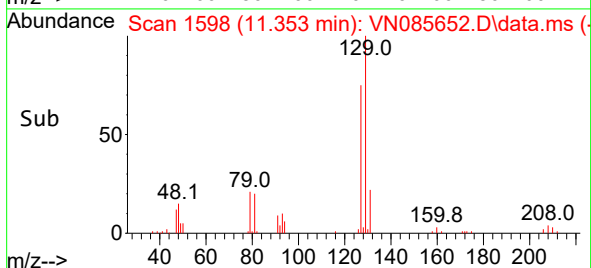
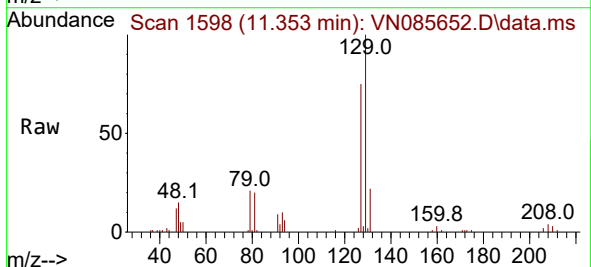
Manual Integrations
APPROVED

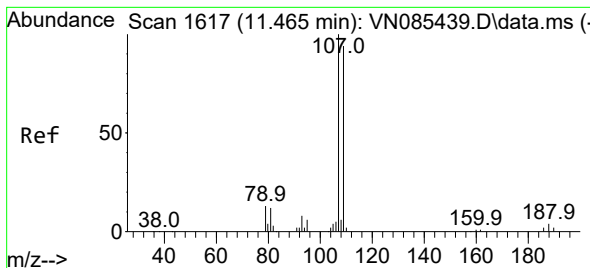
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#60
Dibromochloromethane
Concen: 21.131 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion:129 Resp: 58665
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.8





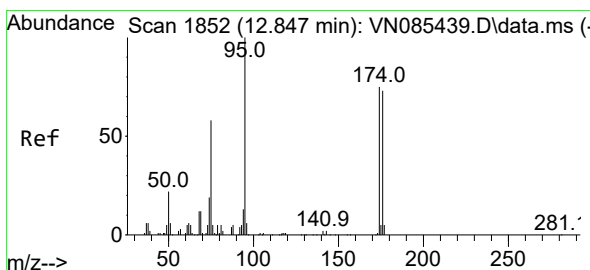
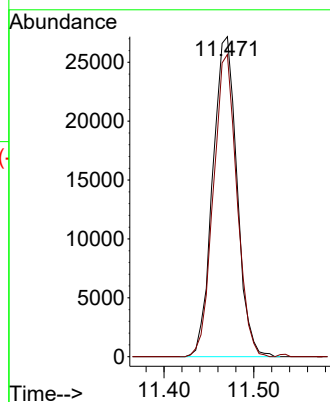
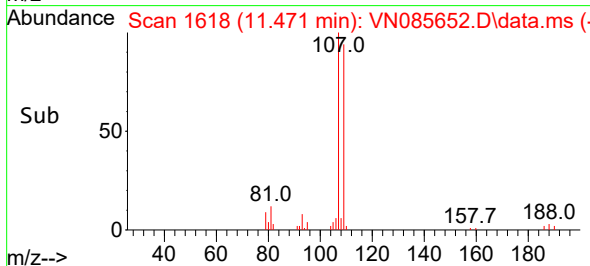
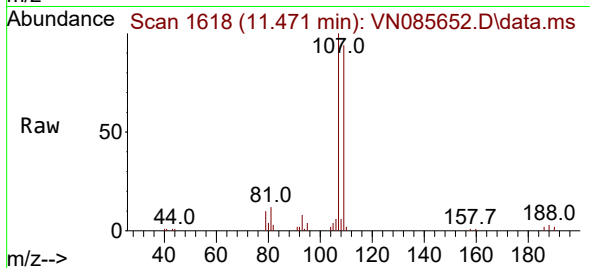
#61
1,2-Dibromoethane
Concen: 22.237 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion:107 Resp: 5090
Ion Ratio Lower Upper
107 100
109 91.6 75.9 113.9

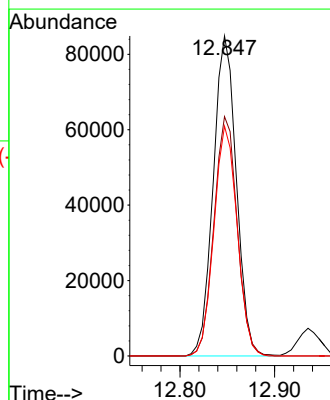
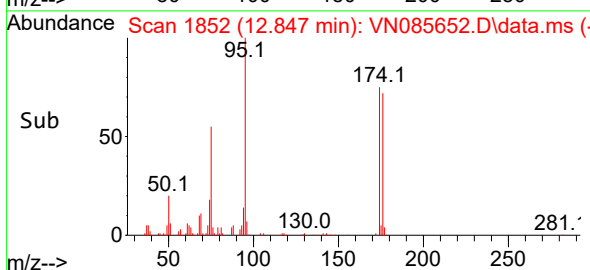
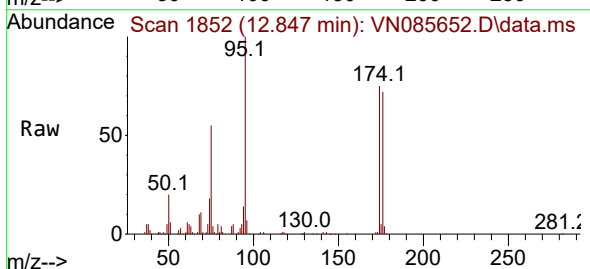
Manual Integrations
APPROVED

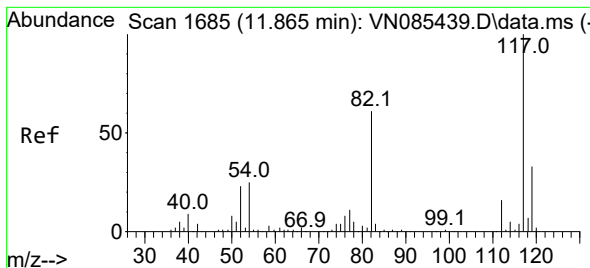
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#62
4-Bromofluorobenzene
Concen: 49.809 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

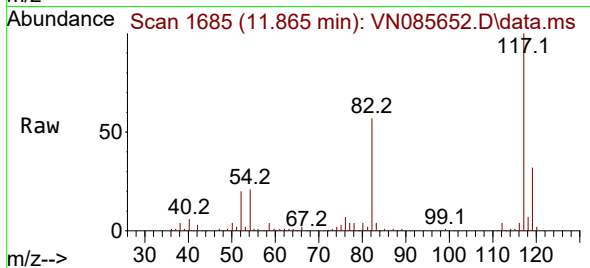
Tgt Ion: 95 Resp: 143962
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.0
176 72.3 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

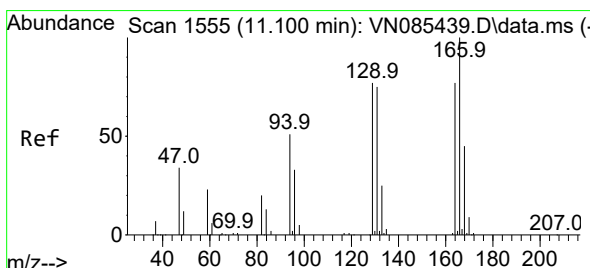
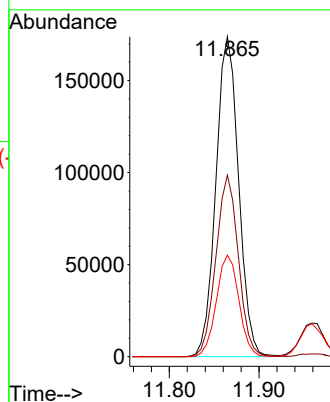
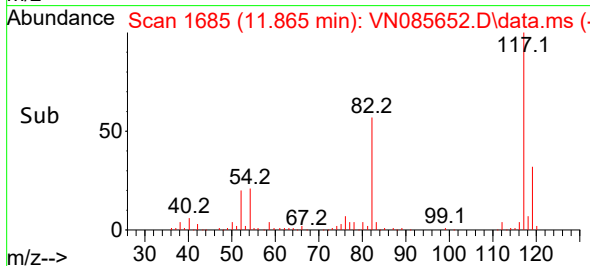
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion:117 Resp: 306075
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 31.8 26.6 39.8

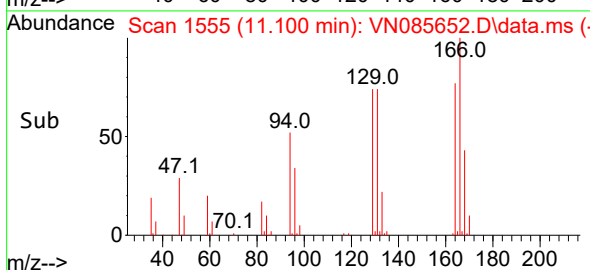
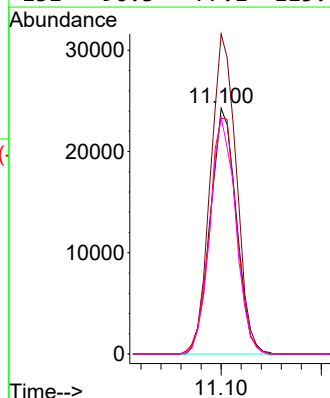
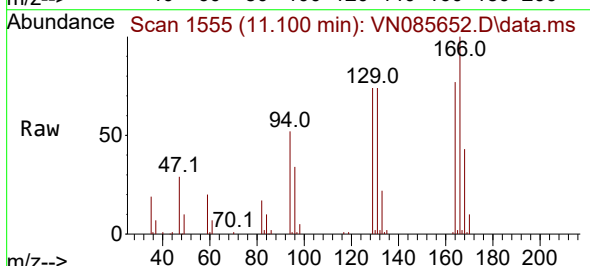
Manual Integrations
APPROVED

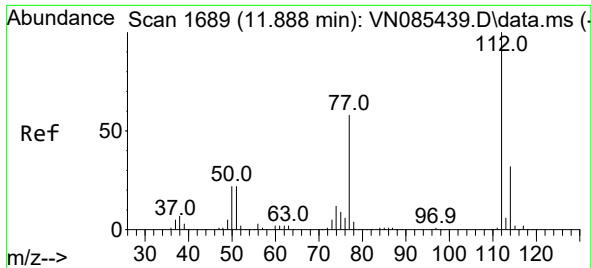
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#64
Tetrachloroethene
Concen: 20.926 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

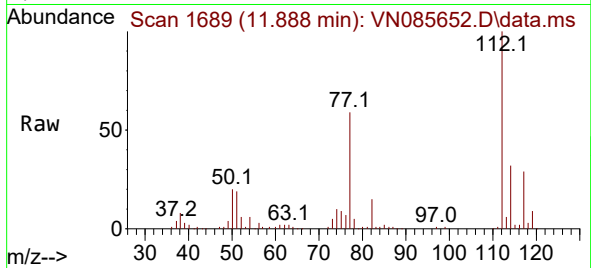
Tgt Ion:164 Resp: 43664
Ion Ratio Lower Upper
164 100
166 130.3 103.4 155.2
129 96.0 79.2 118.8
131 96.3 77.1 115.7





#65
Chlorobenzene
Concen: 20.913 ug/l
RT: 11.888 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

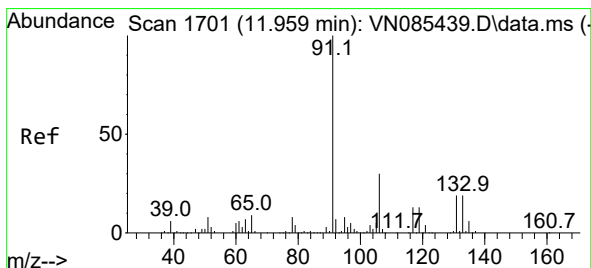
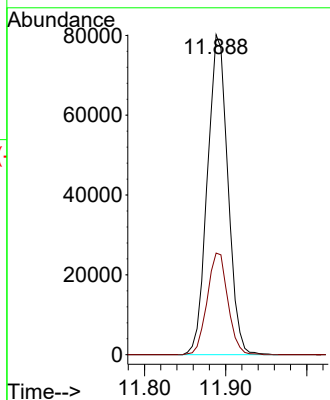
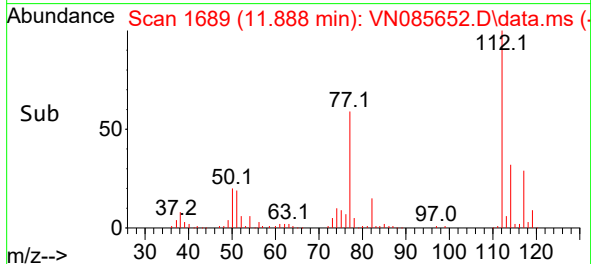
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion:112 Resp: 14022
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

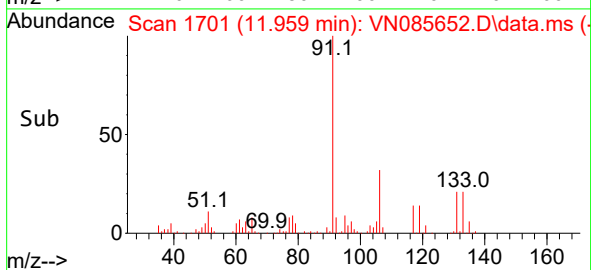
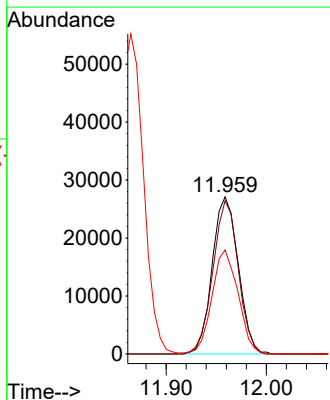
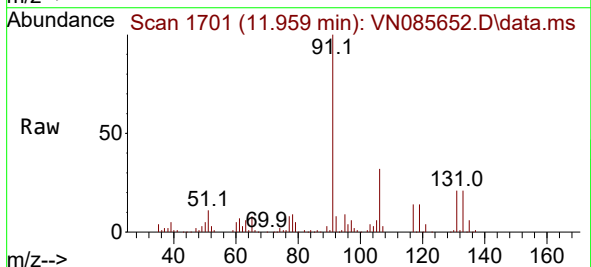
Manual Integrations
APPROVED

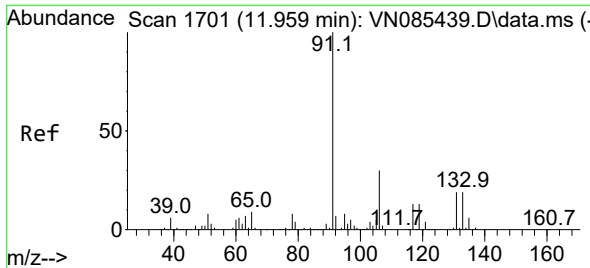
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.875 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion:131 Resp: 48910
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 66.4 33.1 99.5





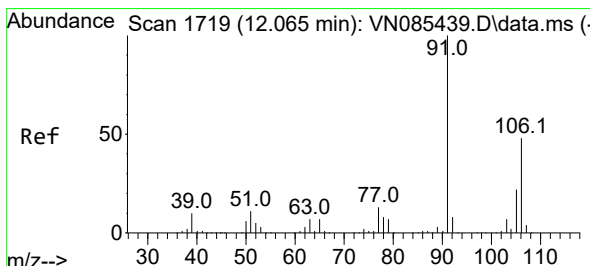
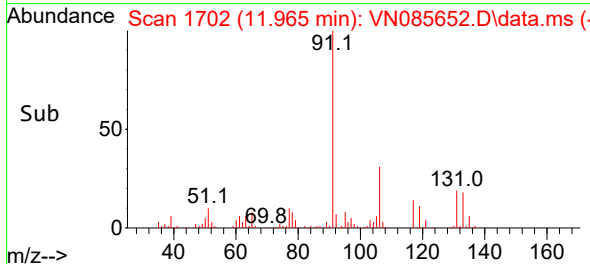
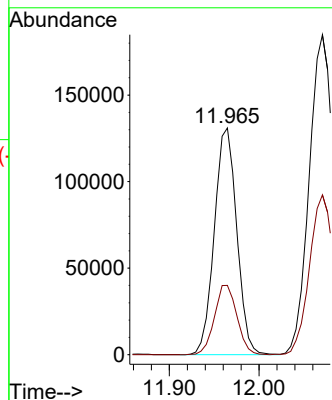
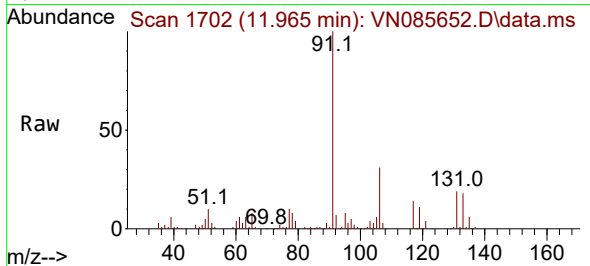
#67
Ethyl Benzene
Concen: 20.823 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion: 91 Resp: 22740
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.8

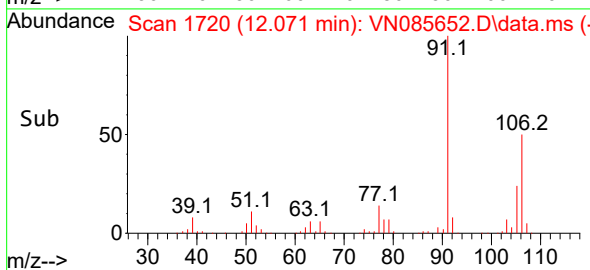
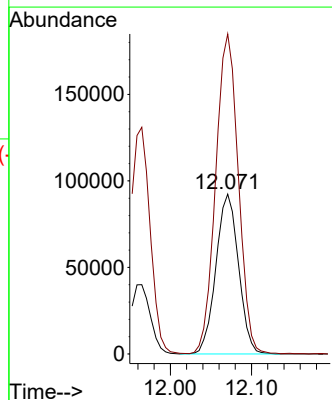
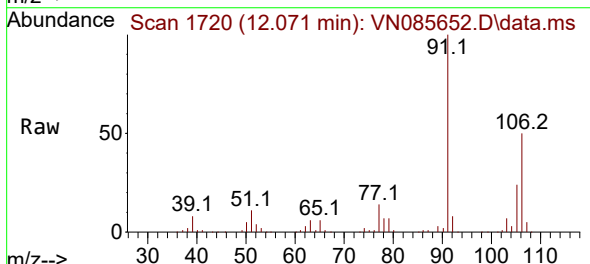
Manual Integrations
APPROVED

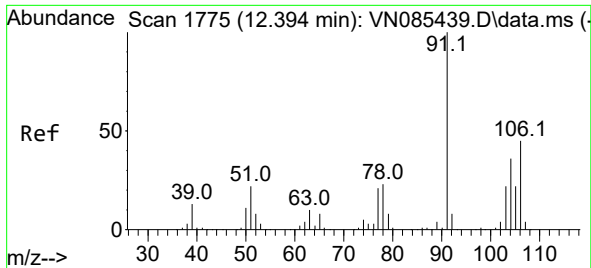
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#68
m/p-Xylenes
Concen: 44.266 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion:106 Resp: 178664
Ion Ratio Lower Upper
106 100
91 200.3 167.7 251.5





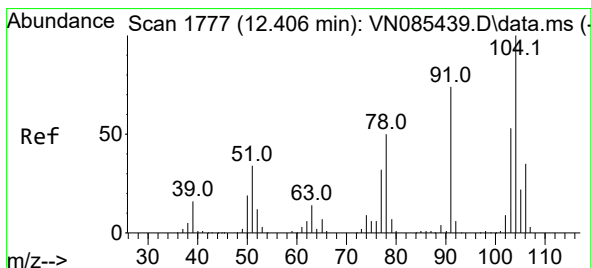
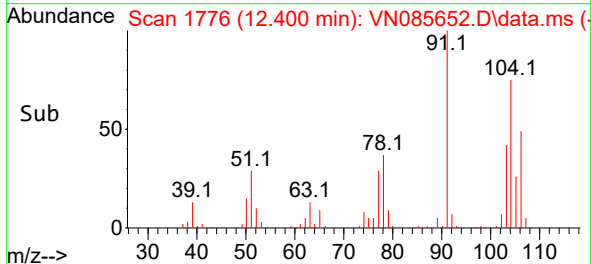
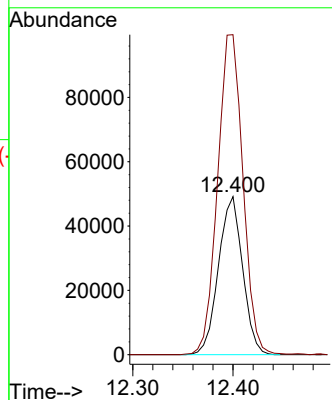
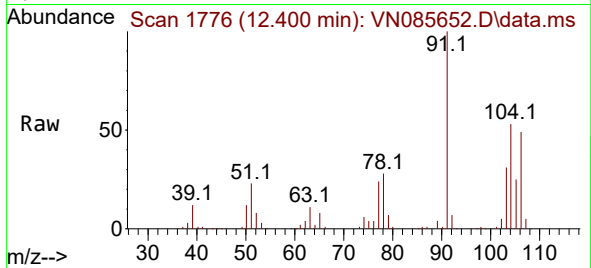
#69
o-Xylene
Concen: 21.319 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion:106 Resp: 8223
Ion Ratio Lower Upper
106 100
91 212.6 110.4 331.2

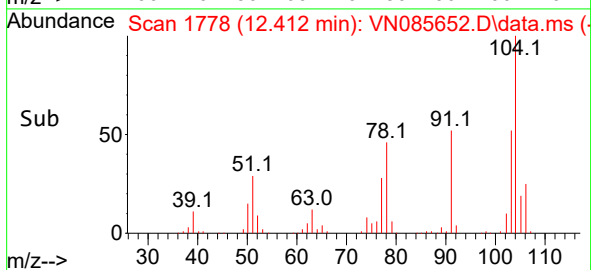
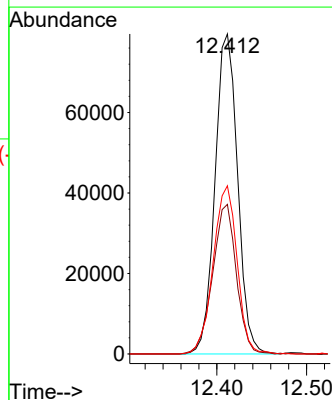
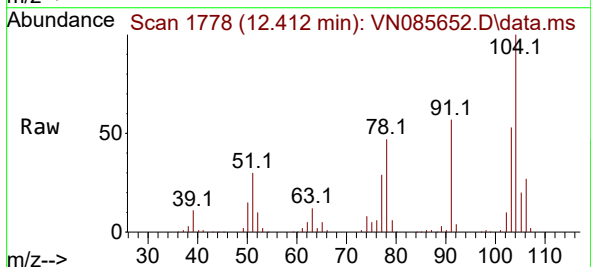
Manual Integrations
APPROVED

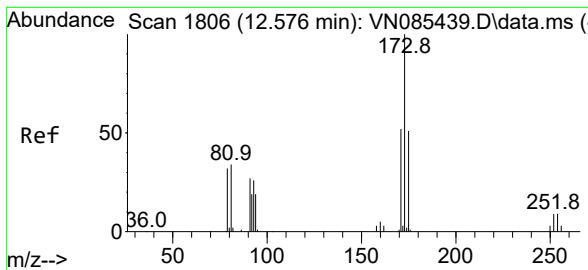
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#70
Styrene
Concen: 21.779 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

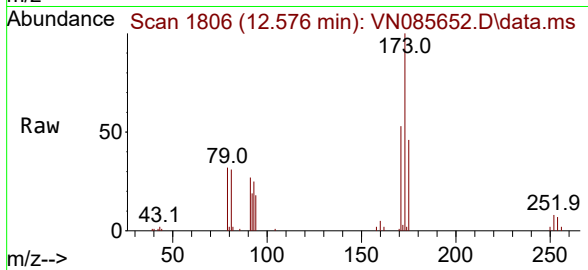
Tgt Ion:104 Resp: 139030
Ion Ratio Lower Upper
104 100
78 49.1 42.5 63.7
103 55.7 43.8 65.8





#71
Bromoform
Concen: 21.770 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

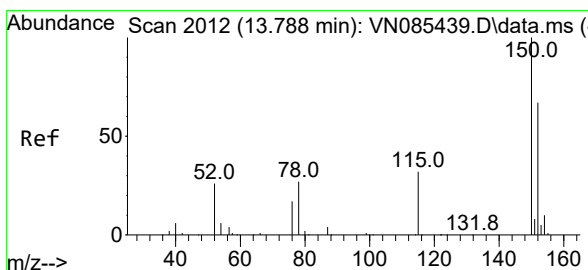
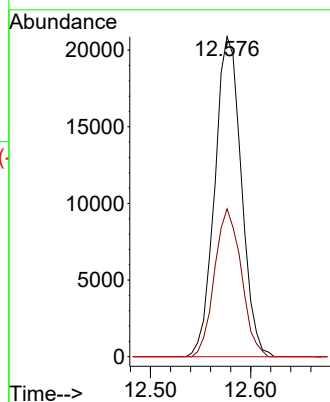
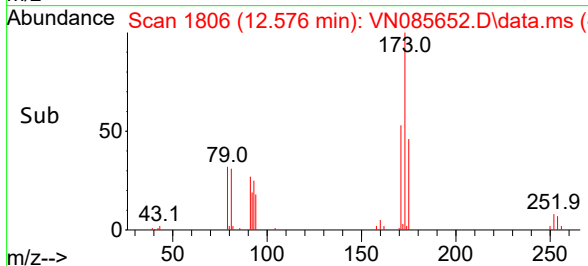
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



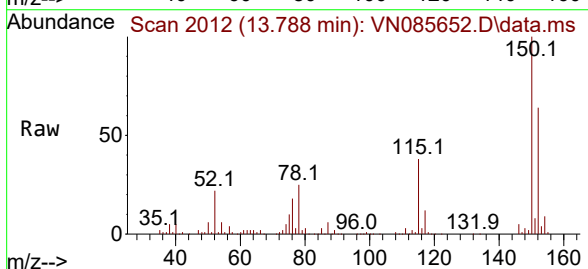
Tgt Ion:173 Resp: 3833
Ion Ratio Lower Upper
173 100
175 46.5 24.4 73.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

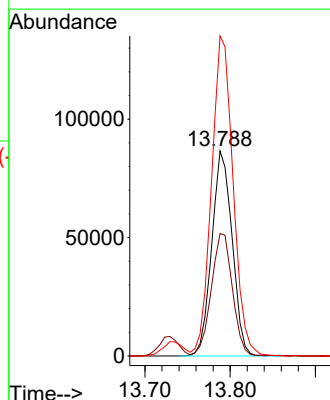
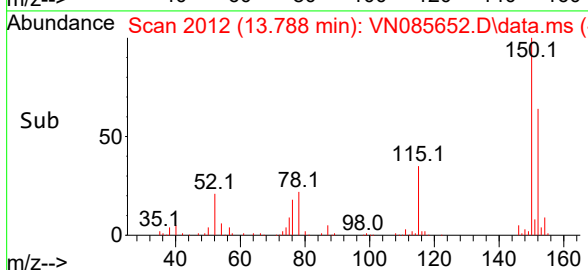
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

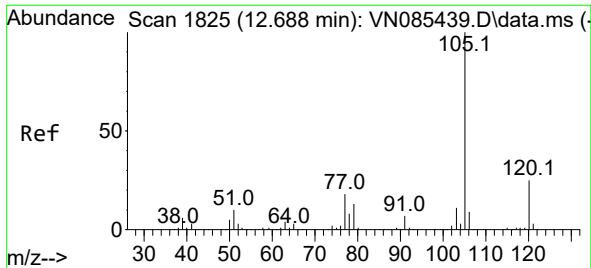


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



Tgt Ion:152 Resp: 143914
Ion Ratio Lower Upper
152 100
115 62.0 31.1 93.3
150 165.2 0.0 343.6





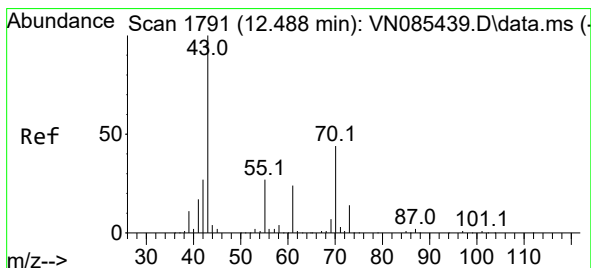
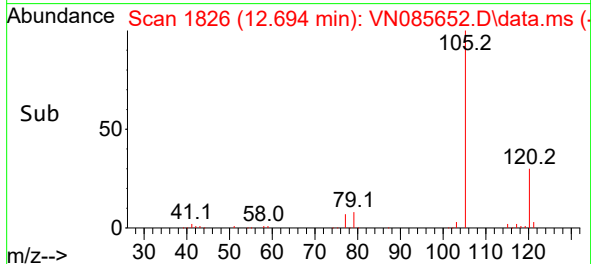
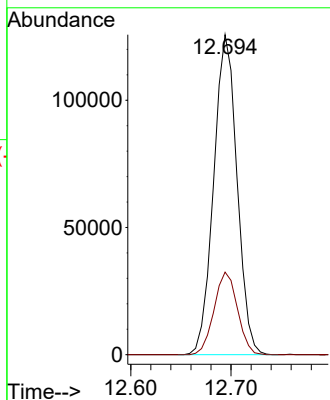
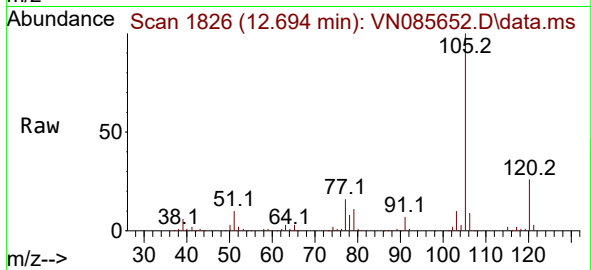
#73
Isopropylbenzene
Concen: 20.918 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion:105 Resp: 20317
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3

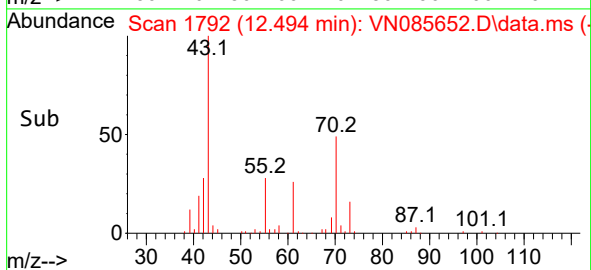
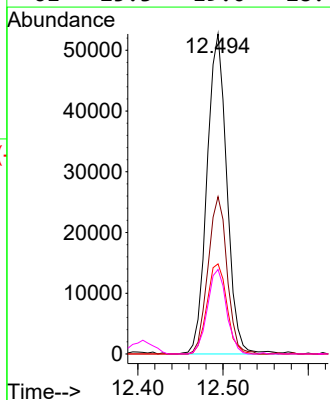
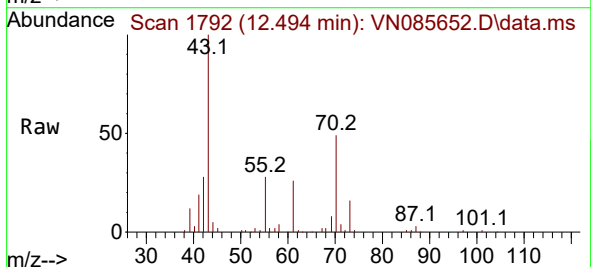
Manual Integrations
APPROVED

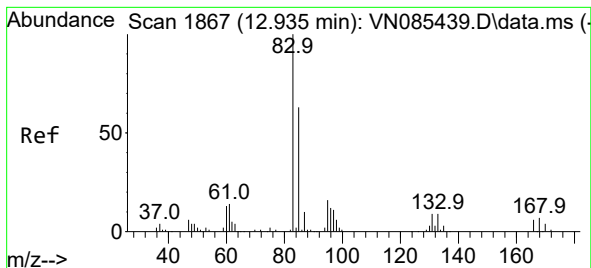
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#74
N-ethyl acetate
Concen: 19.531 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

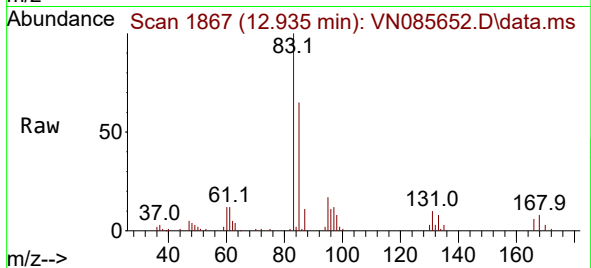
Tgt Ion: 43 Resp: 85269
Ion Ratio Lower Upper
43 100
70 47.2 34.0 51.0
55 28.1 21.4 32.2
61 25.3 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.729 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

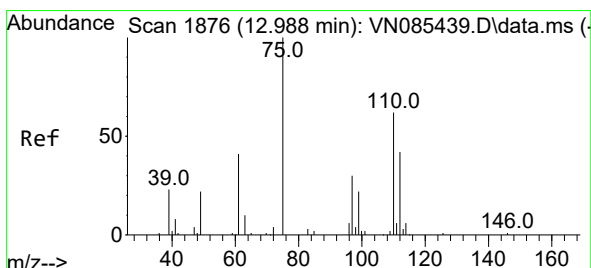
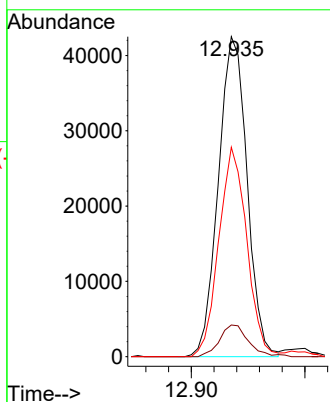
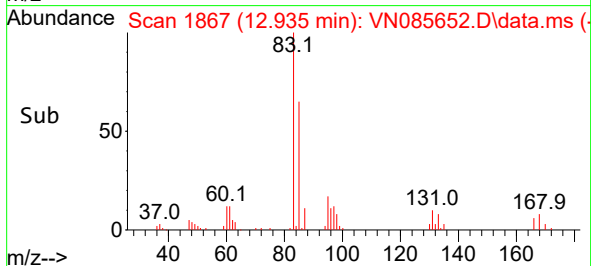
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion: 83 Resp: 74552
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 63.8 32.2 96.6

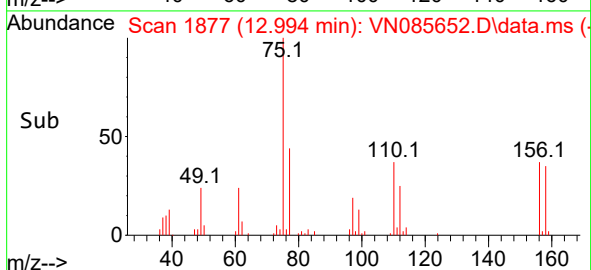
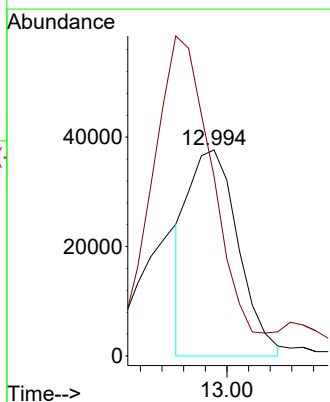
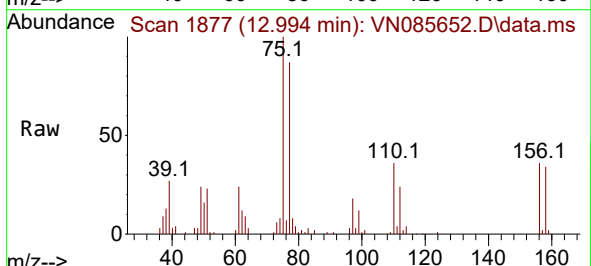
Manual Integrations
APPROVED

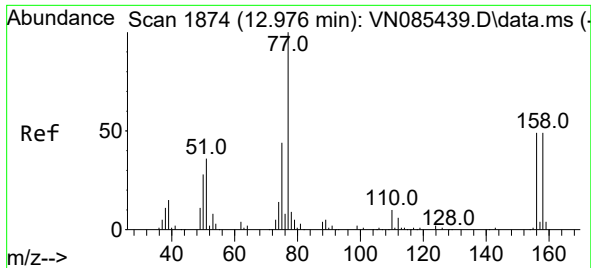
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#76
1,2,3-Trichloropropane
Concen: 20.635 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

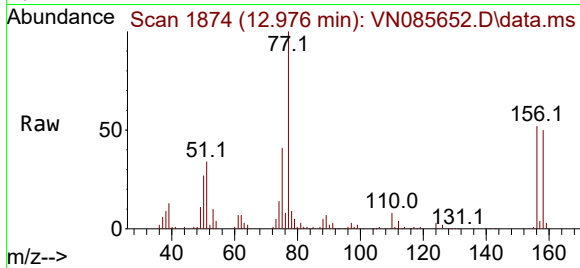
Tgt Ion: 75 Resp: 60359
Ion Ratio Lower Upper
75 100
77 192.9 109.7 329.2





#77
Bromobenzene
Concen: 21.124 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

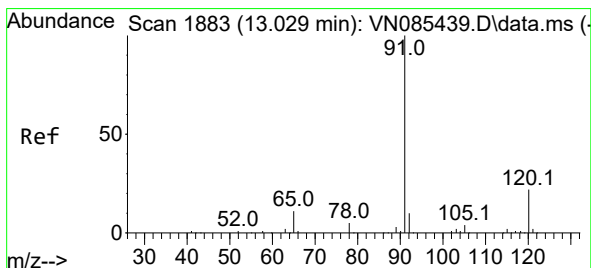
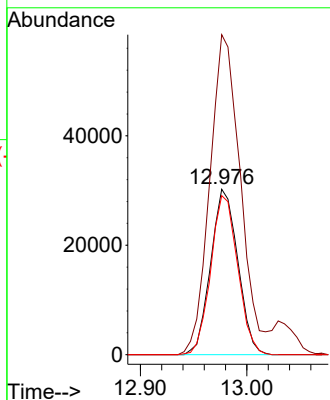
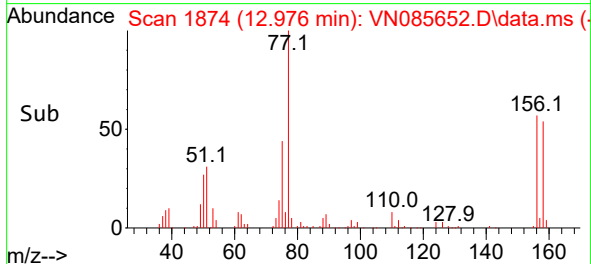
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



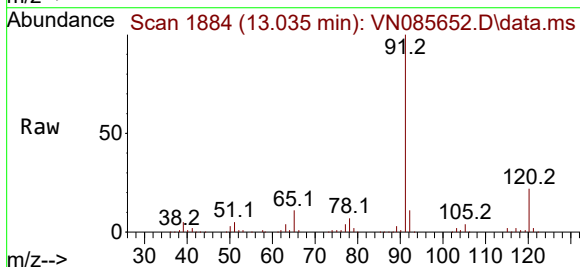
Tgt Ion:156 Resp: 53604
Ion Ratio Lower Upper
156 100
77 217.2 114.1 342.4
158 95.3 48.9 146.8

Manual Integrations
APPROVED

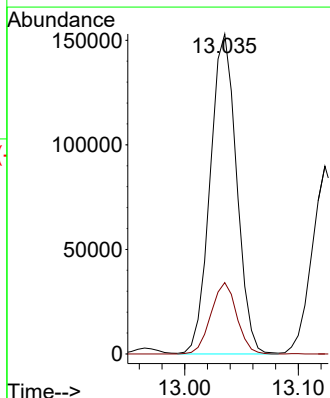
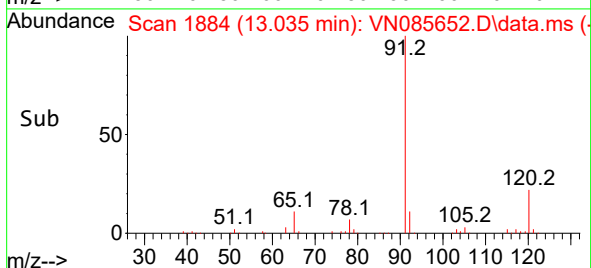
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

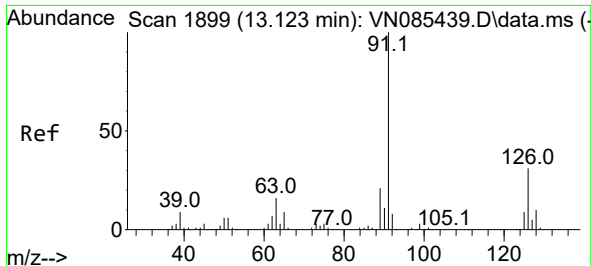


#78
n-propylbenzene
Concen: 21.540 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



Tgt Ion: 91 Resp: 247683
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





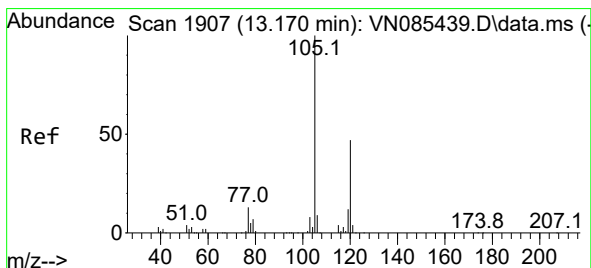
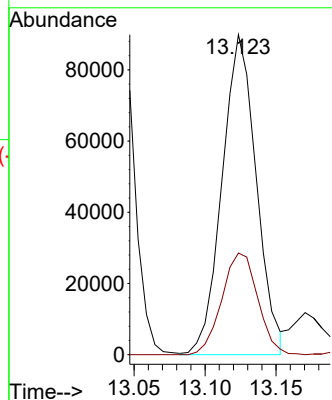
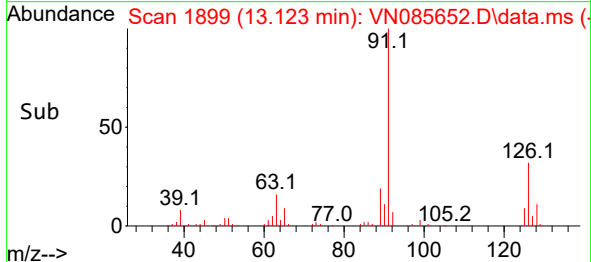
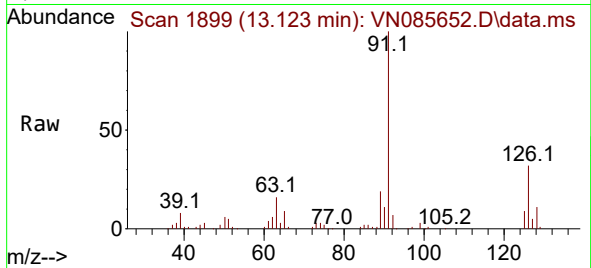
#79
2-Chlorotoluene
Concen: 20.226 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01

Tgt Ion: 91 Resp: 150518
Ion Ratio Lower Upper
91 100
126 33.3 15.7 47.1

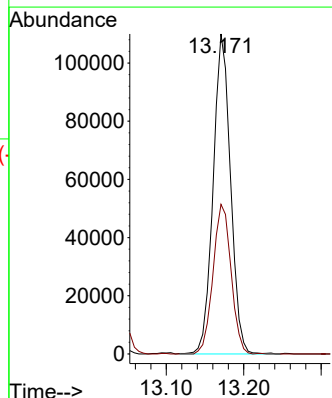
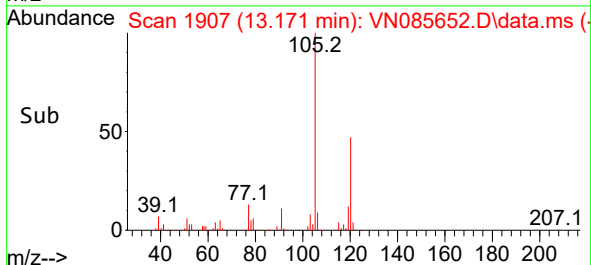
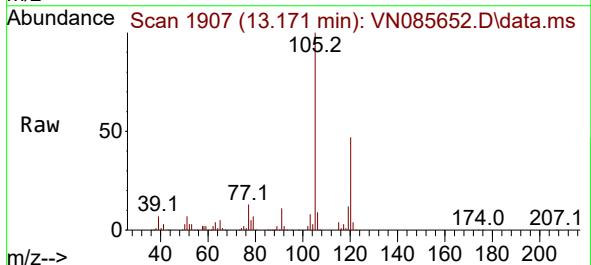
Manual Integrations
APPROVED

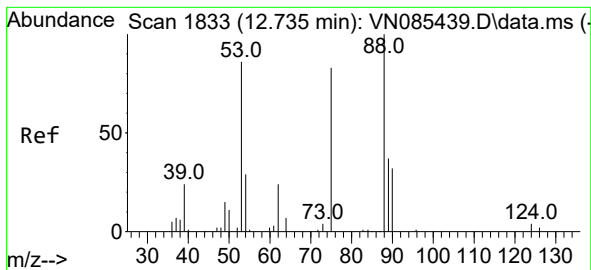
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.382 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

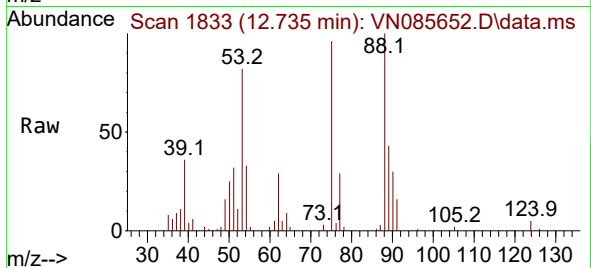
Tgt Ion:105 Resp: 171545
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 23.454 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

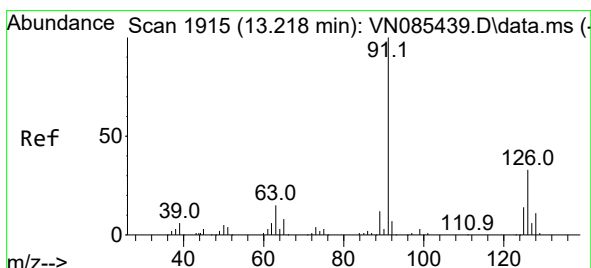
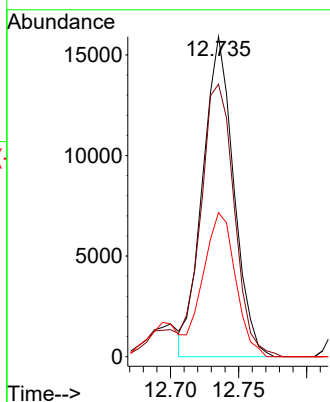
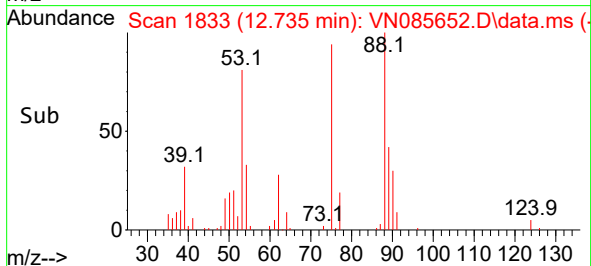
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



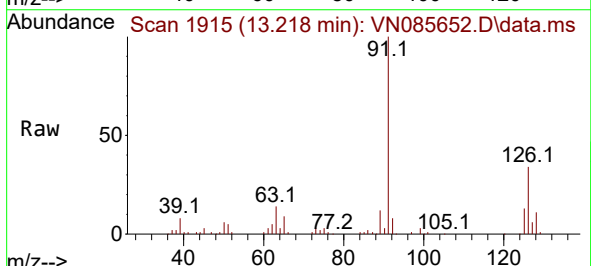
Tgt Ion: 75 Resp: 2535
Ion Ratio Lower Upper
75 100
53 100.1 95.6 143.4
89 46.1 37.0 55.6

Manual Integrations
APPROVED

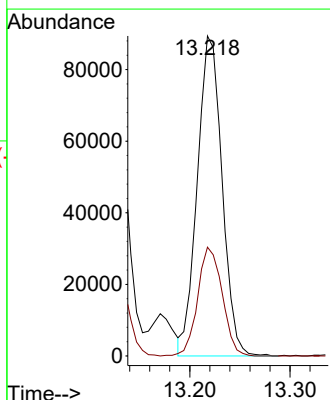
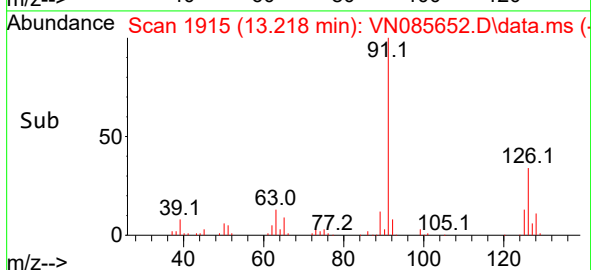
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

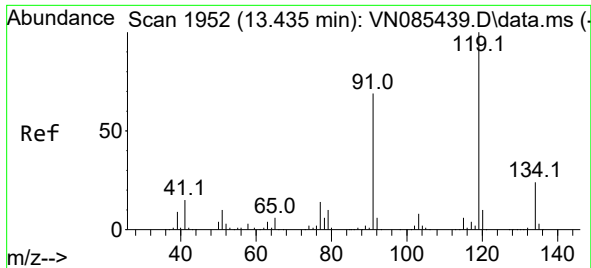


#82
4-Chlorotoluene
Concen: 20.734 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



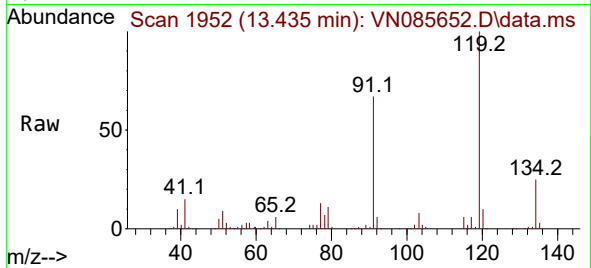
Tgt Ion: 91 Resp: 153631
Ion Ratio Lower Upper
91 100
126 33.6 15.9 47.7





#83
tert-Butylbenzene
Concen: 20.769 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

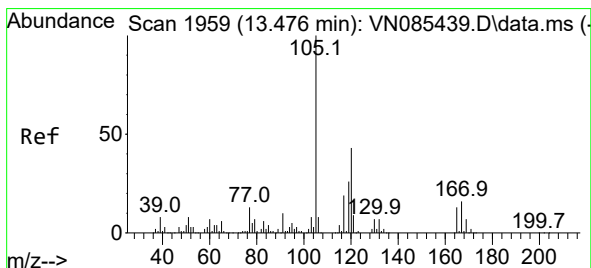
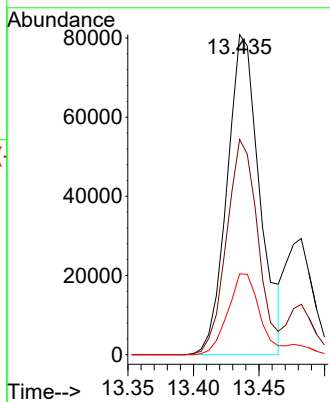
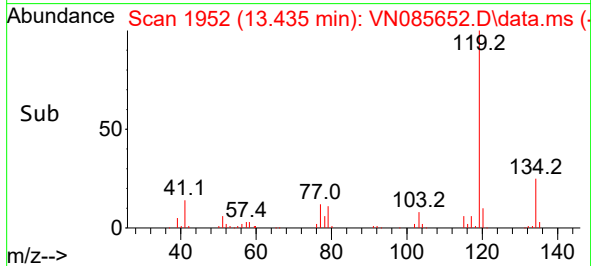
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



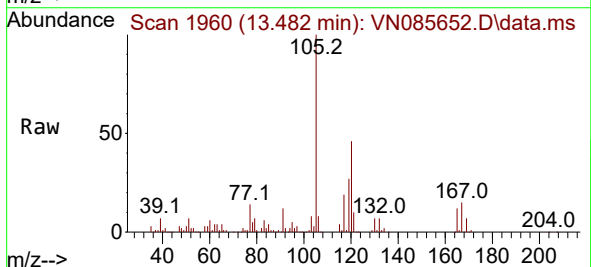
Tgt Ion:119 Resp: 139930
Ion Ratio Lower Upper
119 100
91 64.8 35.1 105.3
134 24.9 12.0 36.1

Manual Integrations
APPROVED

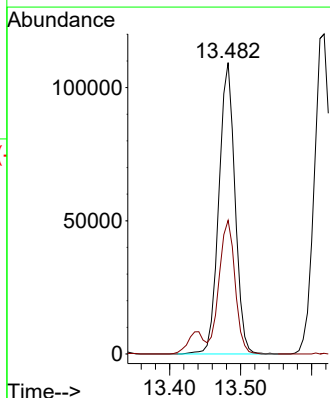
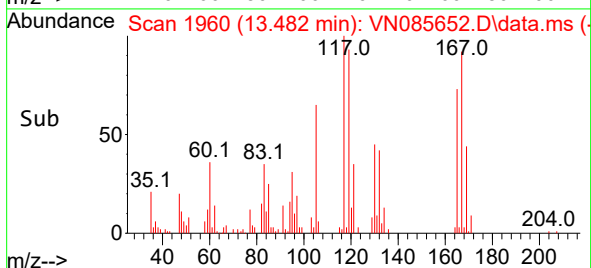
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

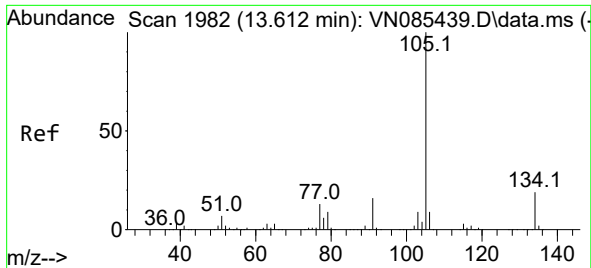


#84
1,2,4-Trimethylbenzene
Concen: 21.437 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



Tgt Ion:105 Resp: 171421
Ion Ratio Lower Upper
105 100
120 45.5 21.6 65.0





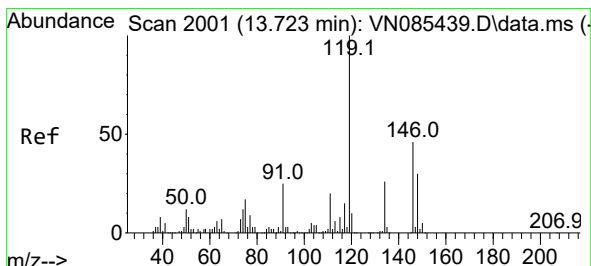
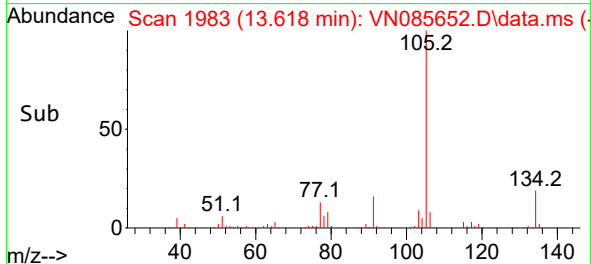
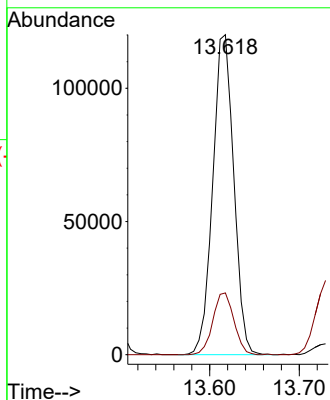
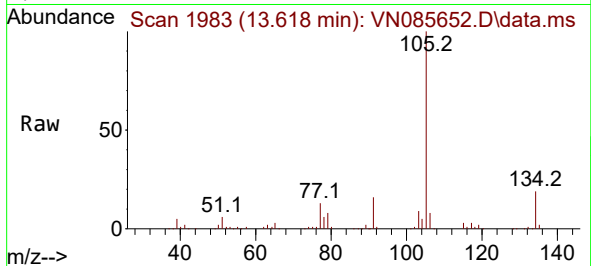
#85
 sec-Butylbenzene
 Concen: 20.905 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN085652.D
 Acq: 04 Feb 2025 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204MBS01

Tgt Ion:105 Resp: 195210
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

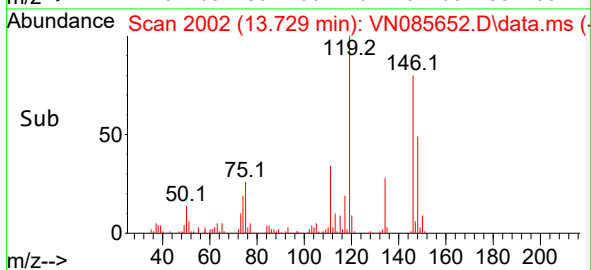
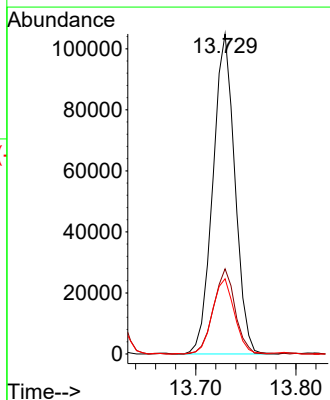
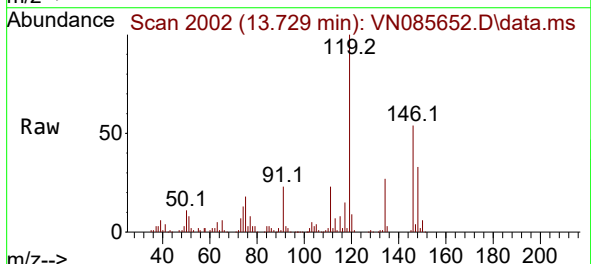
Manual Integrations
 APPROVED

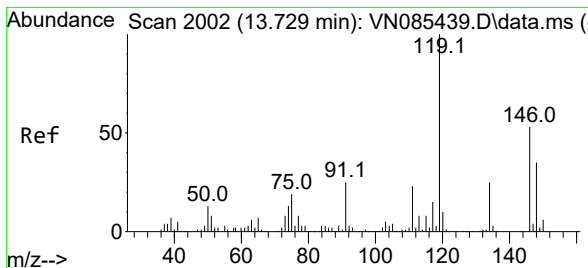
Reviewed By :John Carlone 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025



#86
 p-Isopropyltoluene
 Concen: 20.469 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085652.D
 Acq: 04 Feb 2025 15:24

Tgt Ion:119 Resp: 159513
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.0
 91 23.7 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 20.971 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBS01

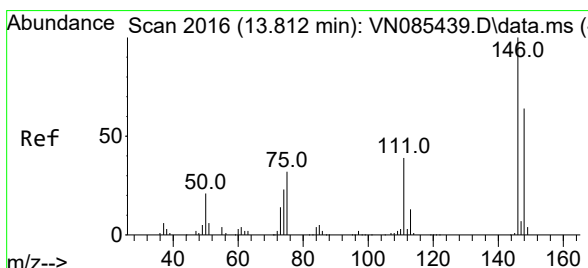
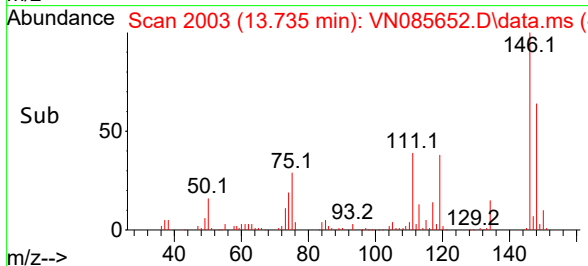
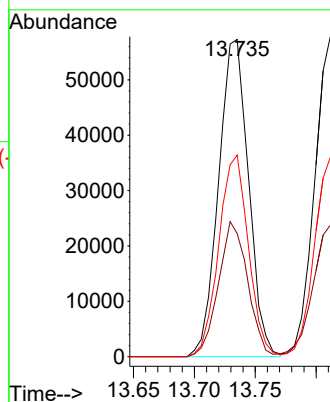
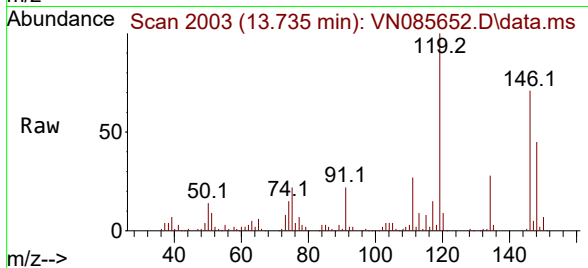
Tgt Ion:146 Resp: 98000
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.4 64.3
 148 62.9 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#88

1,4-Dichlorobenzene

Concen: 20.027 ug/l

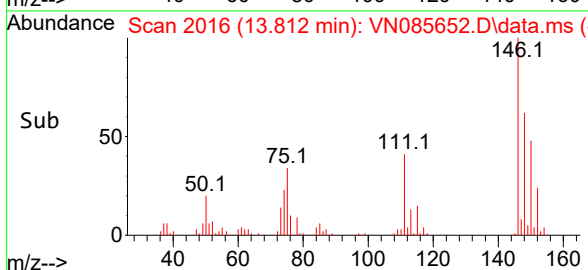
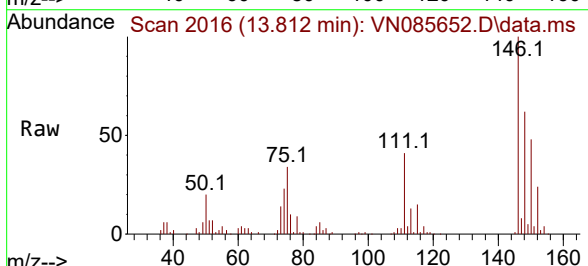
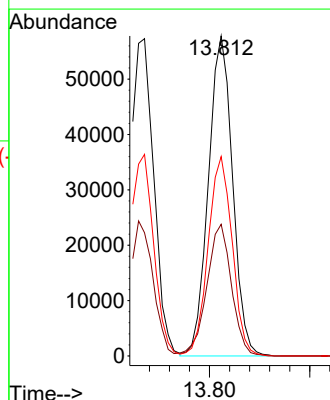
RT: 13.812 min Scan# 2016

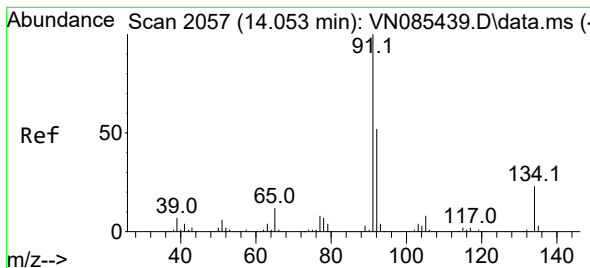
Delta R.T. 0.000 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

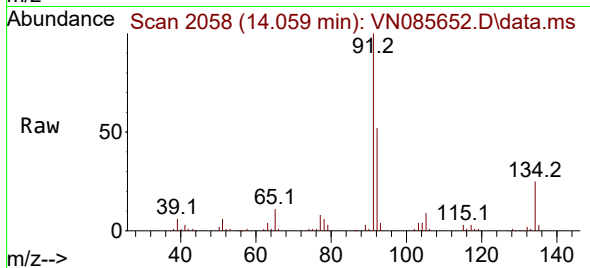
Tgt Ion:146 Resp: 97010
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 63.7
 148 62.0 32.4 97.0





#89
n-Butylbenzene
Concen: 19.122 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

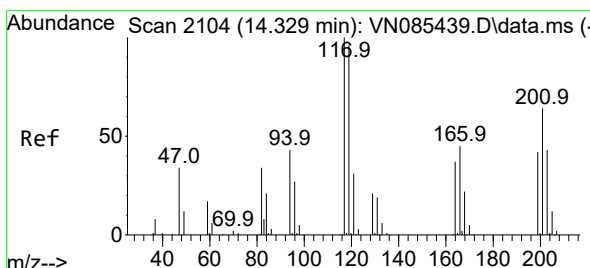
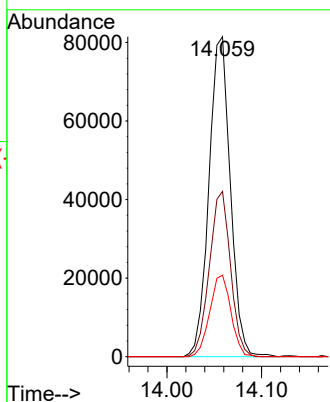
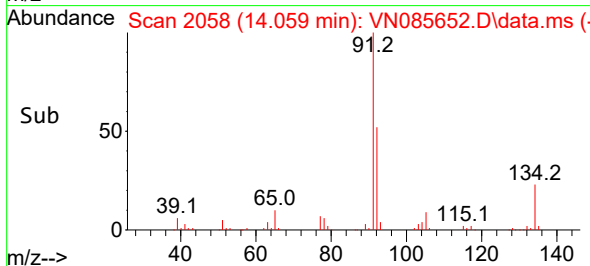
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion: 91 Resp: 12809
Ion Ratio Lower Upper
91 100
92 51.1 25.8 77.3
134 25.2 11.7 35.1

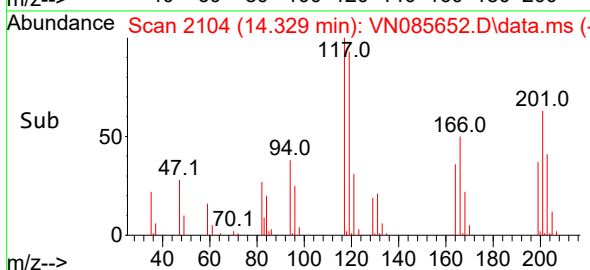
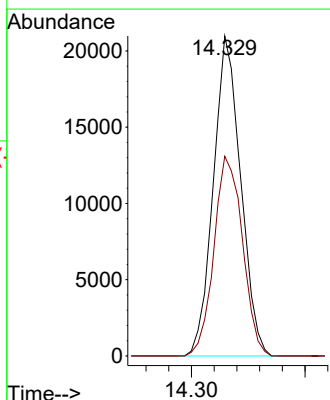
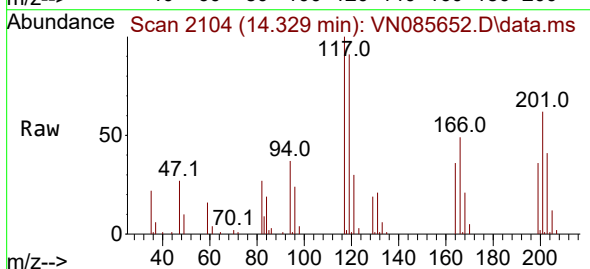
Manual Integrations
APPROVED

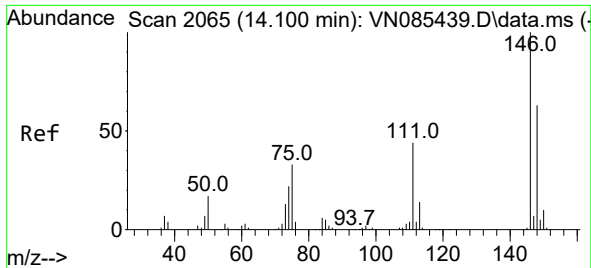
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#90
Hexachloroethane
Concen: 19.720 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

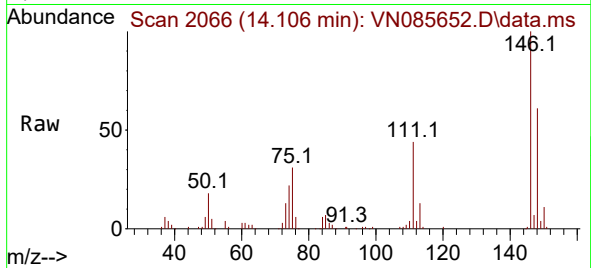
Tgt Ion:117 Resp: 35056
Ion Ratio Lower Upper
117 100
201 65.1 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 19.633 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

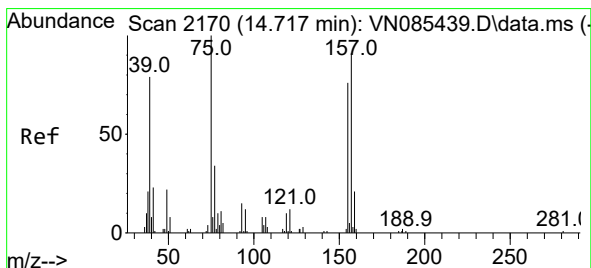
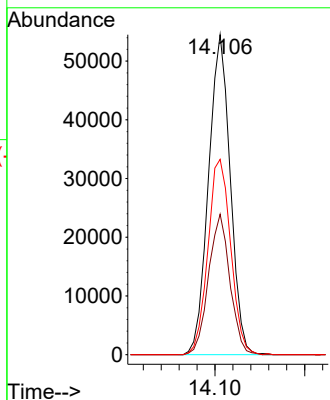
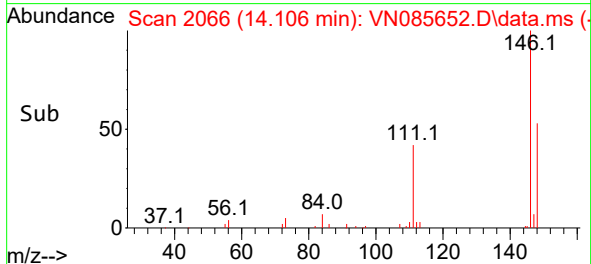
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



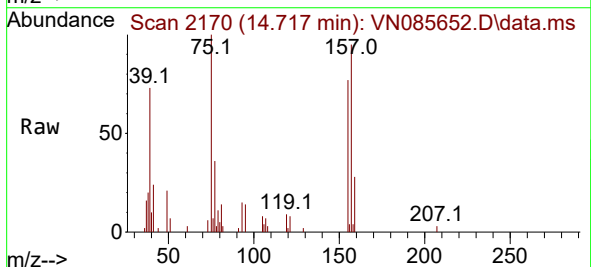
Tgt Ion:146 Resp: 91519
Ion Ratio Lower Upper
146 100
111 43.2 21.7 65.1
148 64.1 31.4 94.2

Manual Integrations
APPROVED

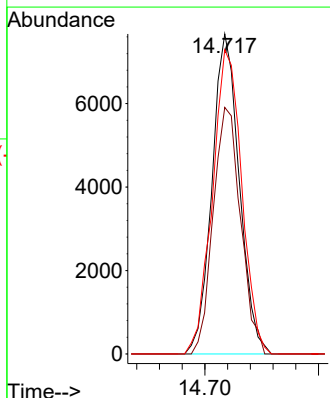
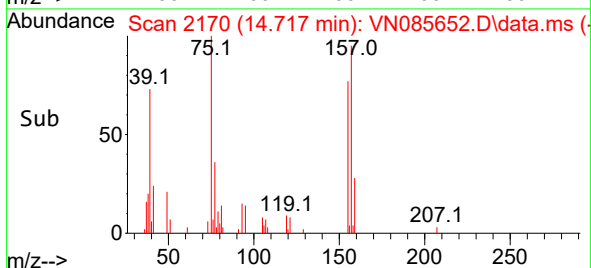
Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025

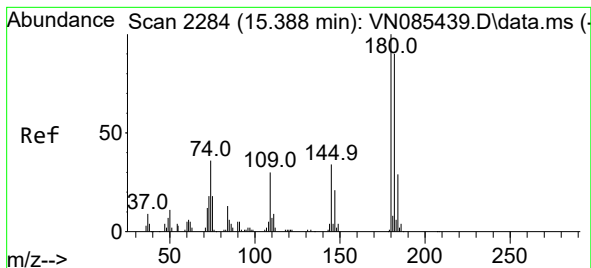


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.387 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24



Tgt Ion: 75 Resp: 12773
Ion Ratio Lower Upper
75 100
155 77.6 36.4 109.2
157 102.2 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 18.657 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBS01

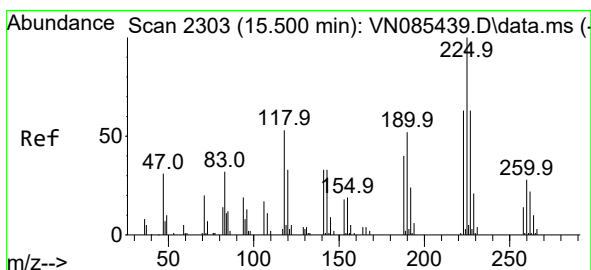
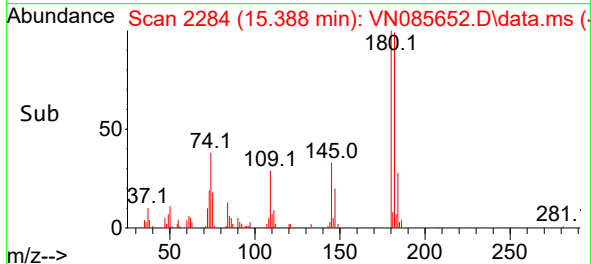
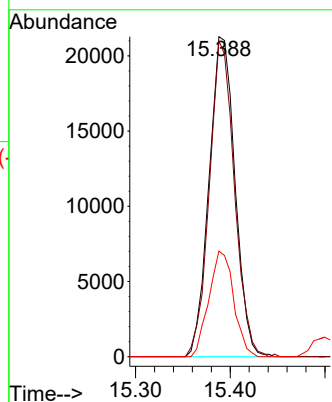
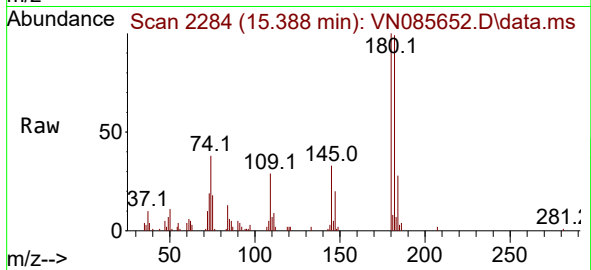
Tgt Ion:180	Resp:	4042
Ion Ratio	Lower	Upper
180	100	
182	95.3	46.8 140.3
145	31.5	16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2025

Supervised By :Mahesh Dadoda 02/06/2025



#94

Hexachlorobutadiene

Concen: 18.094 ug/l

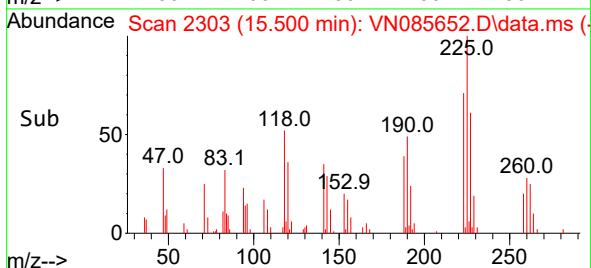
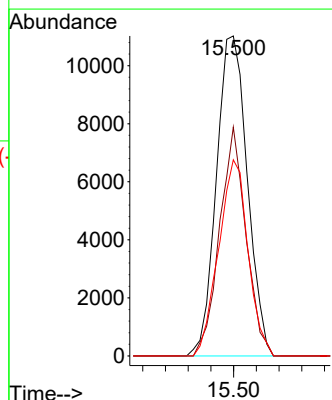
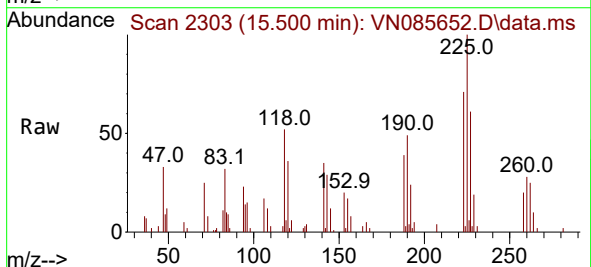
RT: 15.500 min Scan# 2303

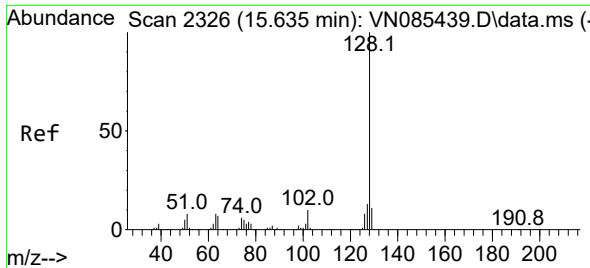
Delta R.T. 0.000 min

Lab File: VN085652.D

Acq: 04 Feb 2025 15:24

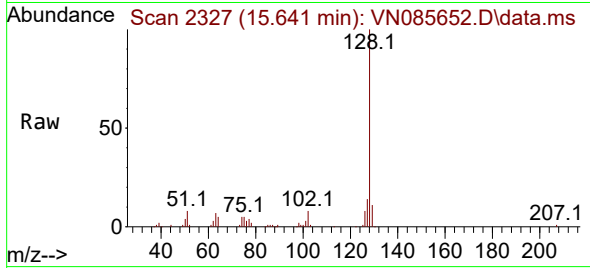
Tgt Ion:225	Resp:	20813
Ion Ratio	Lower	Upper
225	100	
223	61.2	30.7 92.1
227	58.3	30.9 92.5





#95
Naphthalene
Concen: 19.653 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

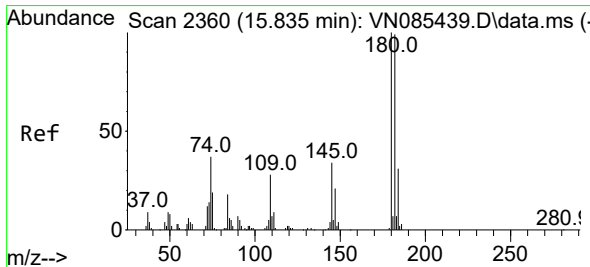
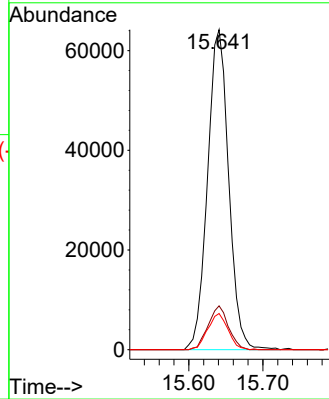
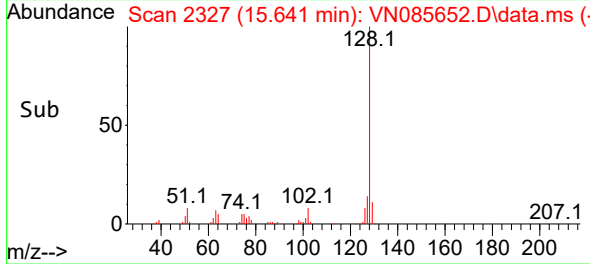
Instrument :
MSVOA_N
ClientSampleId :
VN0204MBS01



Tgt Ion:128 Resp: 127060
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/05/2025
Supervised By :Mahesh Dadoda 02/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.701 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085652.D
Acq: 04 Feb 2025 15:24

Tgt Ion:180 Resp: 40998
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.2
145 34.5 16.9 50.7

