

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085780.D
 Acq On : 18 Feb 2025 16:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021825

Quant Time: Feb 19 05:09:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	314015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	510764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	456487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	222696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	204064	50.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.260%			
35) Dibromofluoromethane	8.165	113	170358	50.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	10.559	98	651463	53.575	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.841	95	227023	56.665	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	193054	45.199	ug/l	98
3) Chloromethane	2.359	50	181889	42.438	ug/l	98
4) Vinyl Chloride	2.512	62	197171	43.449	ug/l	97
5) Bromomethane	2.953	94	119789	41.282	ug/l	95
6) Chloroethane	3.118	64	122900	40.887	ug/l	95
7) Trichlorofluoromethane	3.500	101	279842	42.592	ug/l	98
8) Diethyl Ether	3.959	74	96415	45.353	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	165520	43.582	ug/l	98
10) Methyl Iodide	4.589	142	211559	45.190	ug/l	99
11) Tert butyl alcohol	5.506	59	118845	237.350	ug/l	99
12) 1,1-Dichloroethene	4.336	96	153815	44.667	ug/l	98
13) Acrolein	4.171	56	179054	241.140	ug/l	97
14) Allyl chloride	5.024	41	201442	44.555	ug/l	99
15) Acrylonitrile	5.712	53	378819	232.720	ug/l	99
16) Acetone	4.418	43	279680	217.115	ug/l	99
17) Carbon Disulfide	4.712	76	423019	41.449	ug/l	99
18) Methyl Acetate	5.018	43	194998	44.011	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	491324	48.014	ug/l	99
20) Methylene Chloride	5.277	84	173805	41.955	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	161205	43.475	ug/l	94
22) Diisopropyl ether	6.665	45	483670	47.344	ug/l	99
23) Vinyl Acetate	6.600	43	1698852	242.867	ug/l	99
24) 1,1-Dichloroethane	6.565	63	301375	43.396	ug/l	99
25) 2-Butanone	7.477	43	456416	240.836	ug/l	100
26) 2,2-Dichloropropane	7.482	77	274082	44.383	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	190393	44.284	ug/l	99
28) Bromochloromethane	7.812	49	142695	49.991	ug/l	97
29) Tetrahydrofuran	7.830	42	304613	248.913	ug/l	99
30) Chloroform	7.965	83	312547	43.065	ug/l	97
31) Cyclohexane	8.253	56	248433	42.725	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	281708	43.640	ug/l	99
36) 1,1-Dichloropropene	8.365	75	220335	46.581	ug/l	99
37) Ethyl Acetate	7.553	43	182091	46.779	ug/l	99
38) Carbon Tetrachloride	8.359	117	251949	44.828	ug/l	99
39) Methylcyclohexane	9.600	83	230541	49.612	ug/l	98
40) Benzene	8.600	78	682453	45.016	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	105287	50.597	ug/l	99
42) 1,2-Dichloroethane	8.665	62	223798	45.321	ug/l	100
43) Isopropyl Acetate	8.682	43	317074	46.374	ug/l	99
44) Trichloroethene	9.347	130	161430	43.368	ug/l	99
45) 1,2-Dichloropropane	9.618	63	165383	45.194	ug/l	99
46) Dibromomethane	9.700	93	118394	45.867	ug/l	98
47) Bromodichloromethane	9.882	83	245433	44.443	ug/l	96
48) Methyl methacrylate	9.676	41	149072	51.566	ug/l	99
49) 1,4-Dioxane	9.688	88	55529	1010.103	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	954888	254.433	ug/l	100
52) Toluene	10.623	92	429445	48.324	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	249572	48.873	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	269744	48.172	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	160020	45.289	ug/l	99
56) Ethyl methacrylate	10.871	69	243449	48.142	ug/l	99
57) 1,3-Dichloropropane	11.159	76	272817	46.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	565673	276.203	ug/l	99
59) 2-Hexanone	11.188	43	687507	266.284	ug/l	100
60) Dibromochloromethane	11.353	129	192169	46.707	ug/l	100
61) 1,2-Dibromoethane	11.465	107	157602	47.208	ug/l	99
64) Tetrachloroethene	11.100	164	148840	42.088	ug/l	98
65) Chlorobenzene	11.888	112	464545	44.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	163676	43.545	ug/l	100
67) Ethyl Benzene	11.959	91	797025	48.655	ug/l	99
68) m/p-Xylenes	12.065	106	619505	99.562	ug/l	100
69) o-Xylene	12.394	106	294679	49.837	ug/l	100
70) Styrene	12.406	104	498501	45.726	ug/l	99
71) Bromoform	12.576	173	130201	46.617	ug/l #	97
73) Isopropylbenzene	12.694	105	747608	49.002	ug/l	100
74) N-amyl acetate	12.488	43	265786	49.401	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	225776	43.005	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	227901m	46.070	ug/l	
77) Bromobenzene	12.976	156	185833	45.084	ug/l	98
78) n-propylbenzene	13.029	91	872362	49.927	ug/l	99
79) 2-Chlorotoluene	13.123	91	541105	46.350	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	622090	50.055	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	79943	47.152	ug/l	94
82) 4-Chlorotoluene	13.217	91	548585	47.401	ug/l	99
83) tert-Butylbenzene	13.435	119	521552	49.904	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	633621	51.531	ug/l	99
85) sec-Butylbenzene	13.612	105	737200	49.925	ug/l	100
86) p-Isopropyltoluene	13.723	119	617918	46.012	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	341228	44.186	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	338619	42.781	ug/l	100
89) n-Butylbenzene	14.053	91	513863	49.015	ug/l	98
90) Hexachloroethane	14.329	117	119768	42.828	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	325885	43.883	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41836	43.396	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	161503	45.640	ug/l	99
94) Hexachlorobutadiene	15.494	225	84060	39.087	ug/l	99
95) Naphthalene	15.635	128	487372	50.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	158416	44.593	ug/l	99

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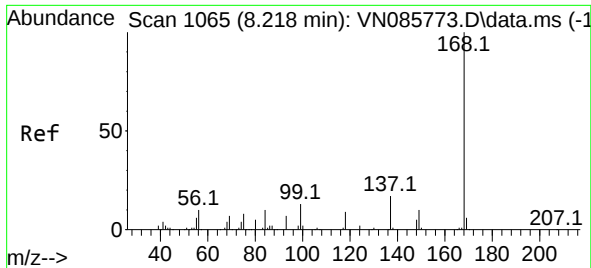
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/19/2025

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



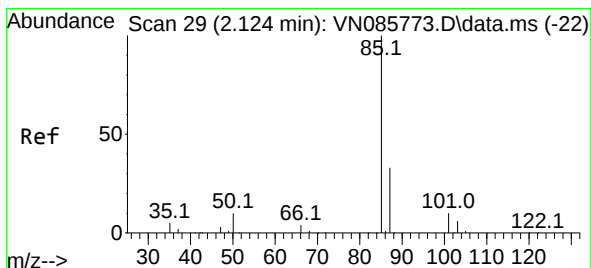
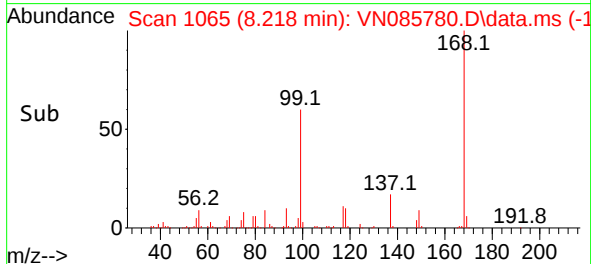
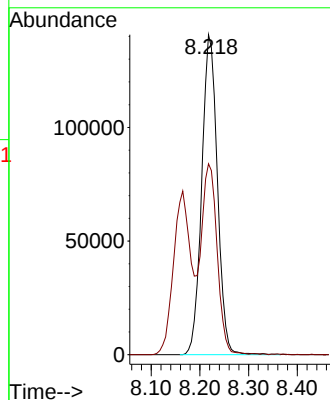
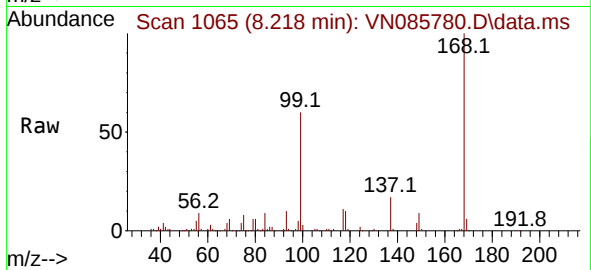
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825

Tgt Ion:168 Resp: 314015
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9

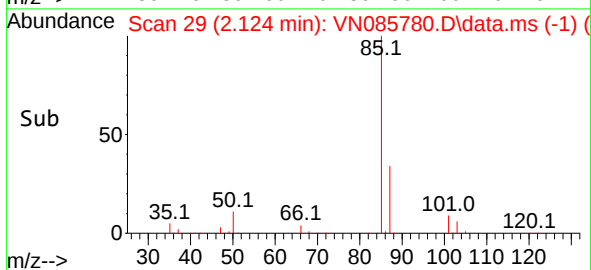
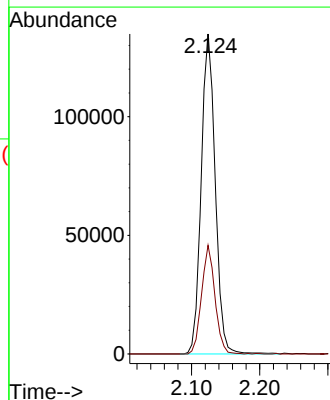
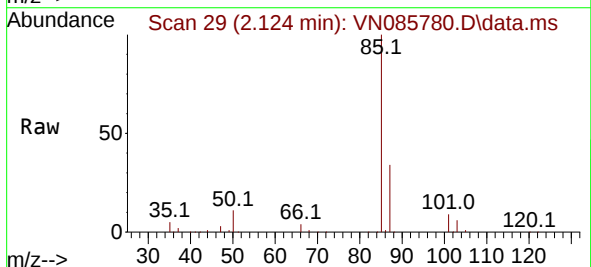
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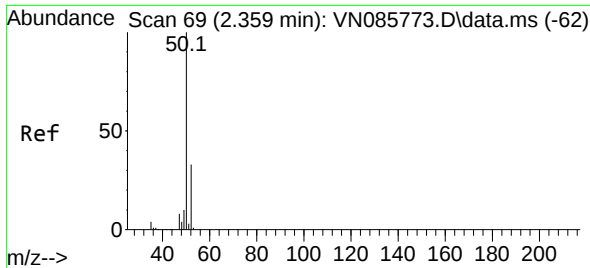
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#2
Dichlorodifluoromethane
Concen: 45.199 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

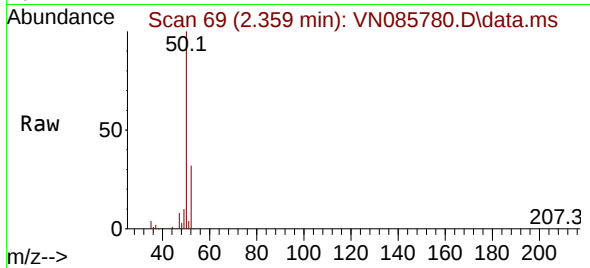
Tgt Ion: 85 Resp: 193054
Ion Ratio Lower Upper
85 100
87 34.0 16.4 49.2





#3
Chloromethane
Concen: 42.438 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

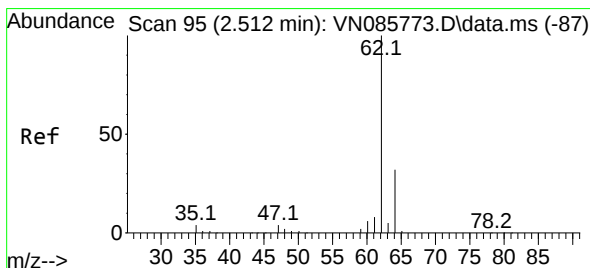
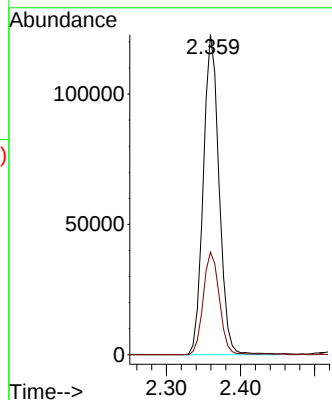
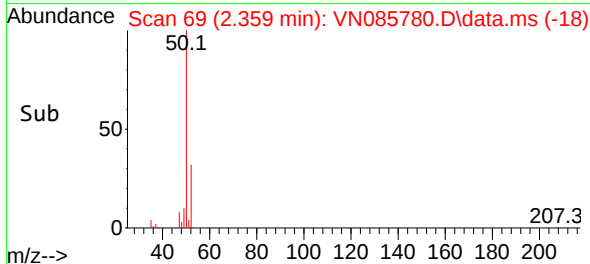
Instrument :
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Tgt Ion: 50 Resp: 181889
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1

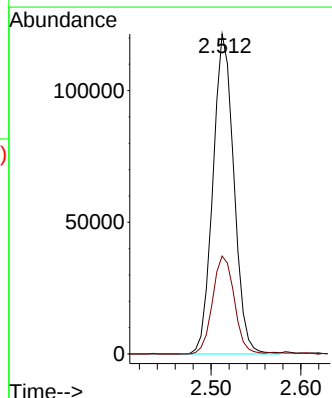
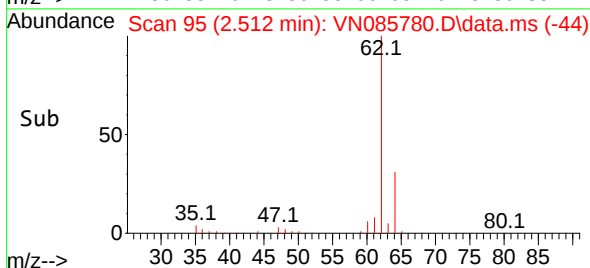
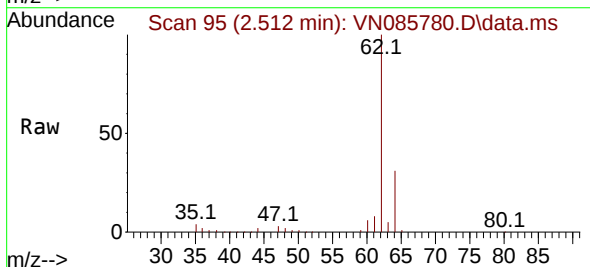
Manual Integrations
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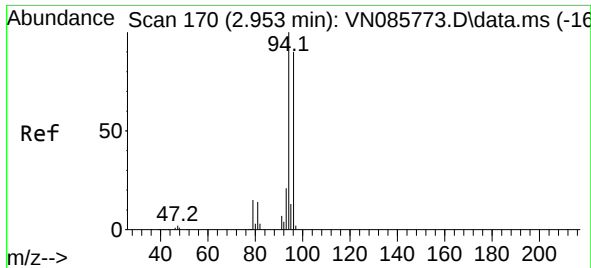
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#4
Vinyl Chloride
Concen: 43.449 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

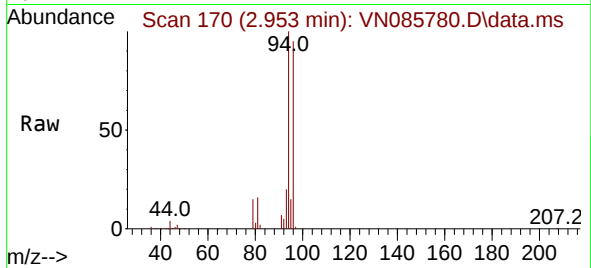
Tgt Ion: 62 Resp: 197171
Ion Ratio Lower Upper
62 100
64 30.6 25.9 38.9





#5
Bromomethane
Concen: 41.282 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

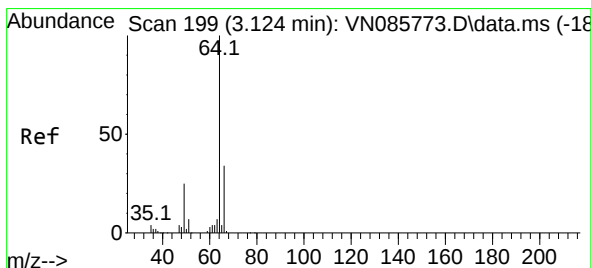
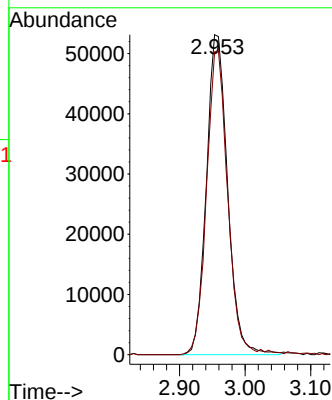
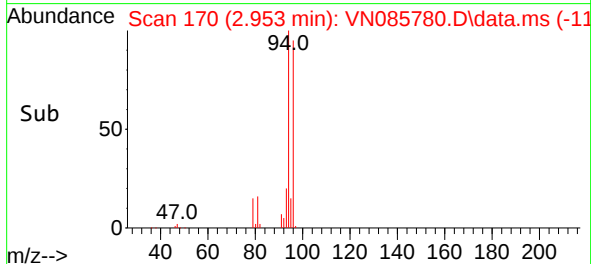
Instrument :
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Tgt Ion: 94 Resp: 119789
Ion Ratio Lower Upper
94 100
96 94.6 71.7 107.5

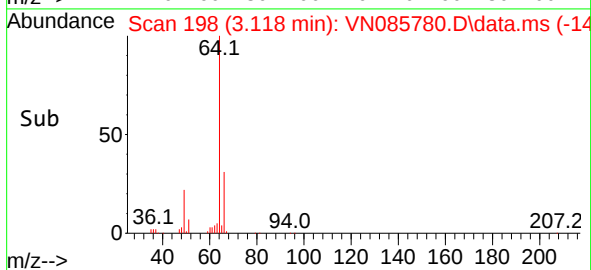
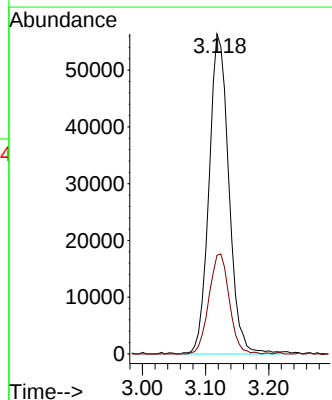
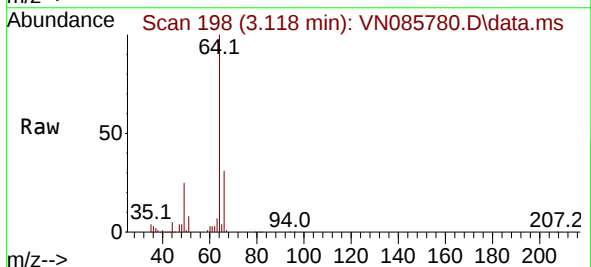
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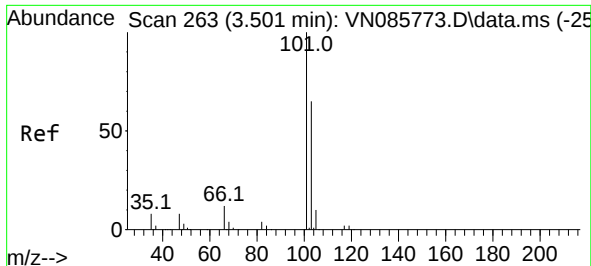
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#6
Chloroethane
Concen: 40.887 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085780.D
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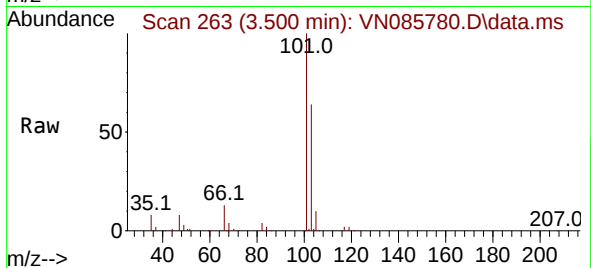
Tgt Ion: 64 Resp: 122900
Ion Ratio Lower Upper
64 100
66 30.8 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 42.592 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

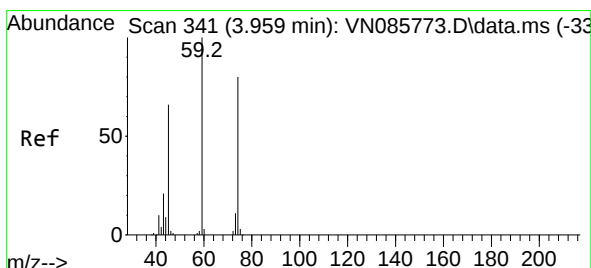
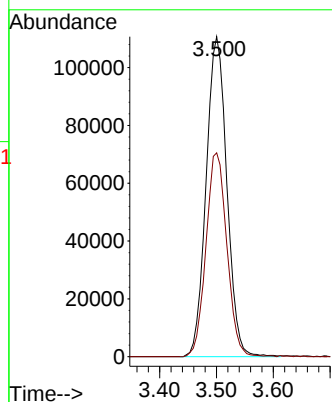
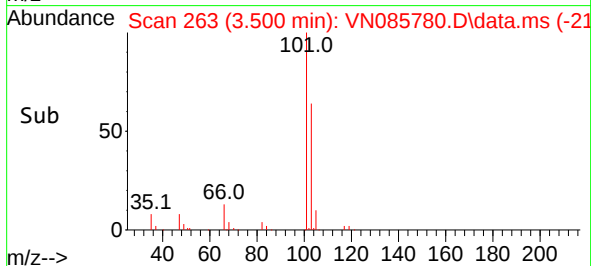
Instrument :
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Tgt Ion:101 Resp: 27984
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.2 78.4

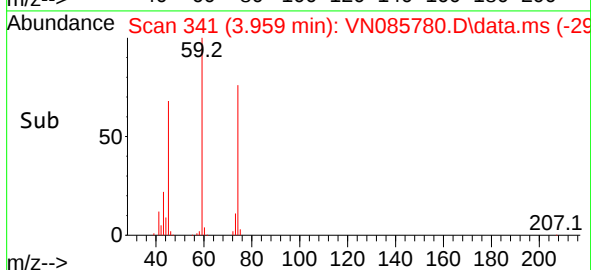
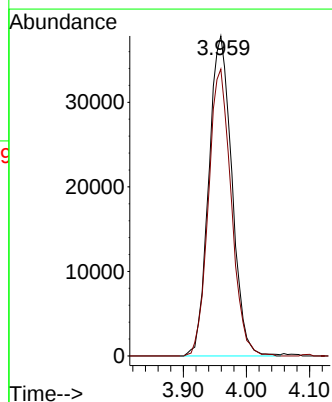
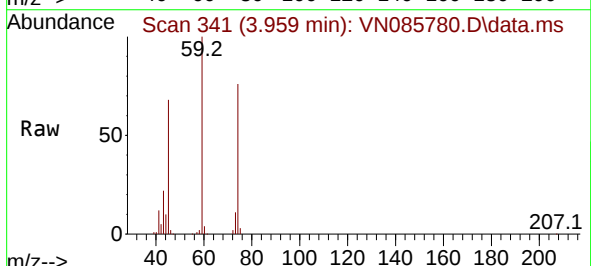
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#8
 Diethyl Ether
 Concen: 45.353 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

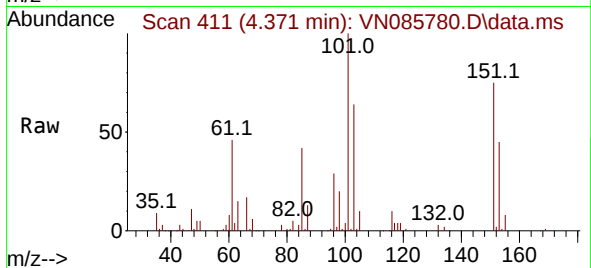
Tgt Ion: 74 Resp: 96415
 Ion Ratio Lower Upper
 74 100
 45 88.2 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.582 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

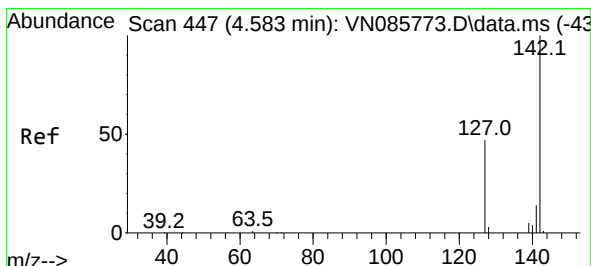
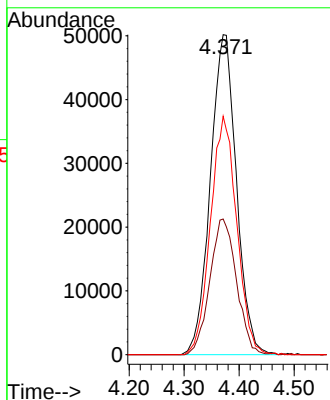
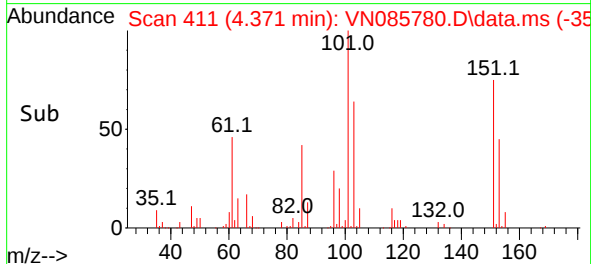
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



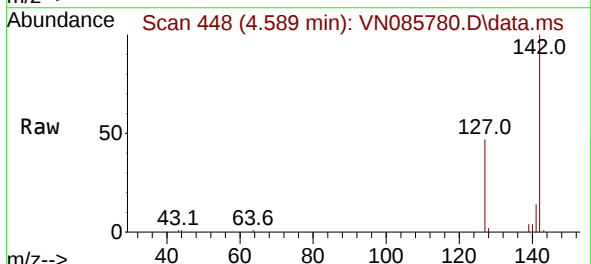
Tgt Ion:101 Resp: 165520
Ion Ratio Lower Upper
101 100
85 43.4 35.7 53.5
151 75.0 61.4 92.2

Manual Integrations
APPROVED

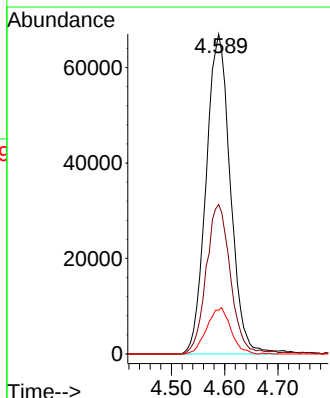
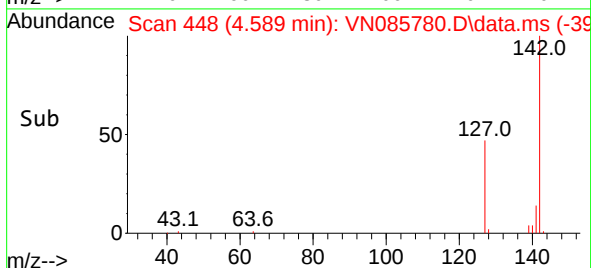
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 45.190 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



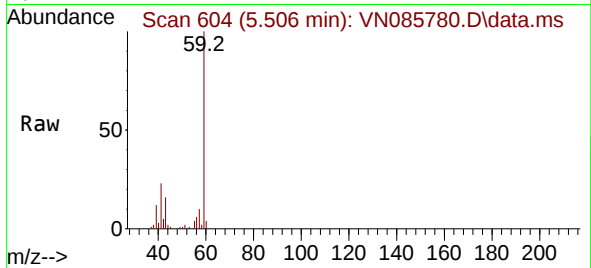
Tgt Ion:142 Resp: 211559
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 237.350 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

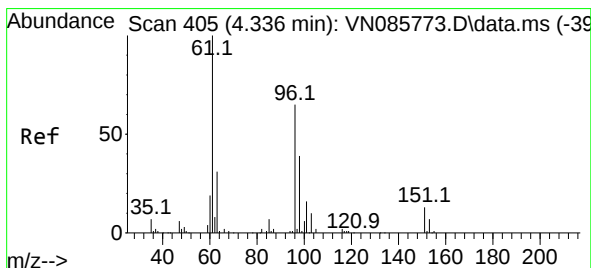
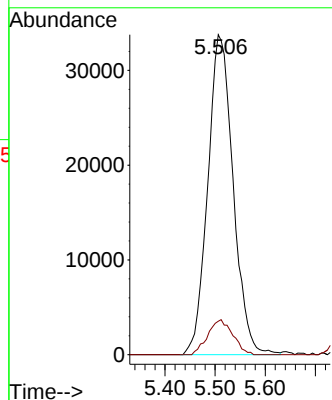
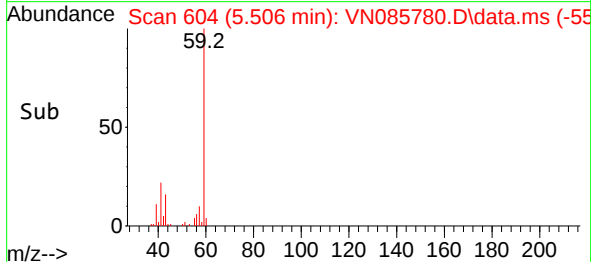
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



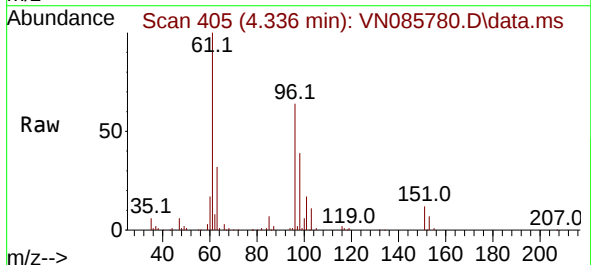
Tgt Ion: 59 Resp: 11884
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

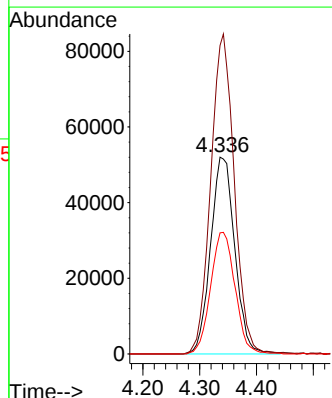
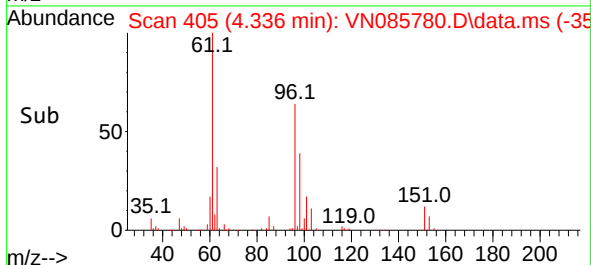
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

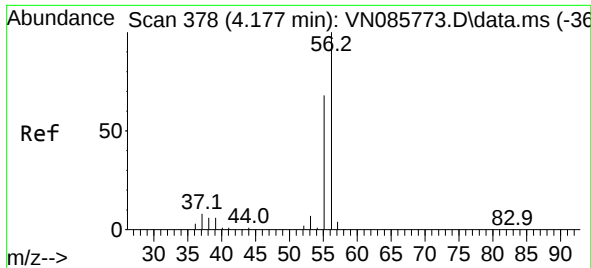


#12
1,1-Dichloroethene
Concen: 44.667 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



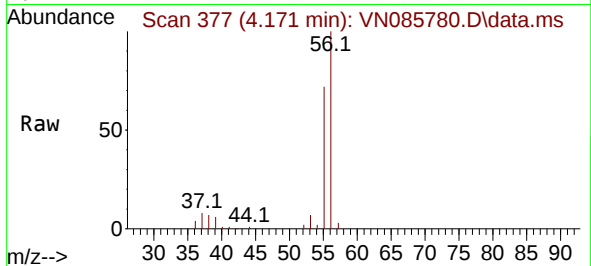
Tgt Ion: 96 Resp: 153815
Ion Ratio Lower Upper
96 100
61 156.7 123.3 184.9
98 61.6 48.6 72.8





#13
Acrolein
Concen: 241.140 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

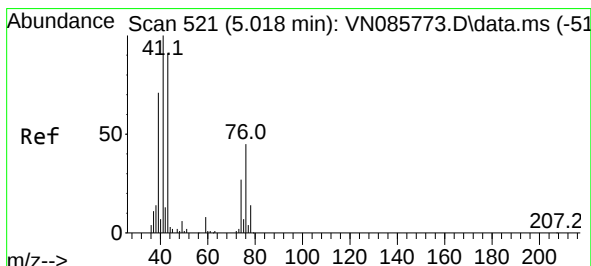
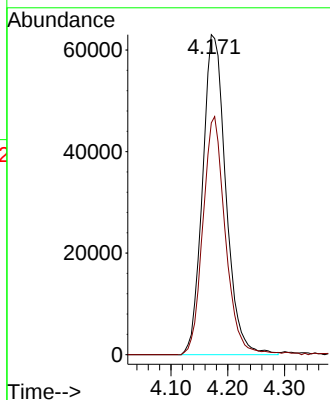
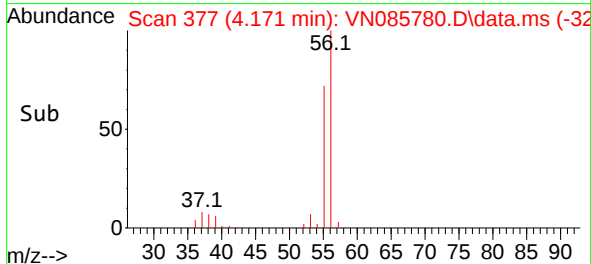
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 56 Resp: 179054
Ion Ratio Lower Upper
56 100
55 71.6 55.3 82.9

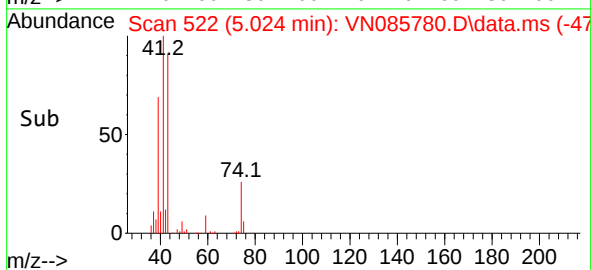
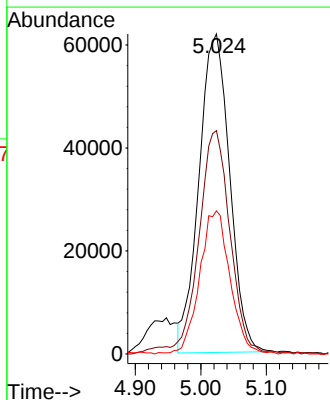
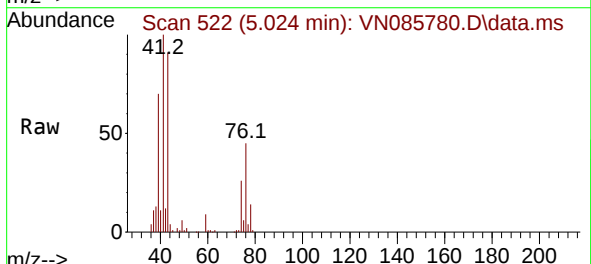
Manual Integrations
APPROVED

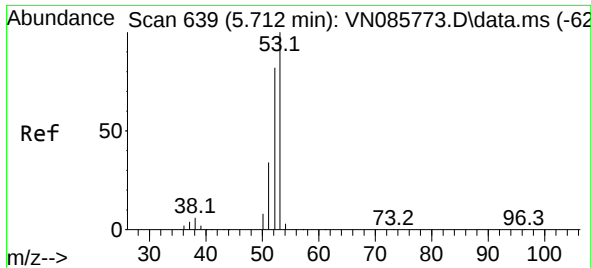
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 44.555 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

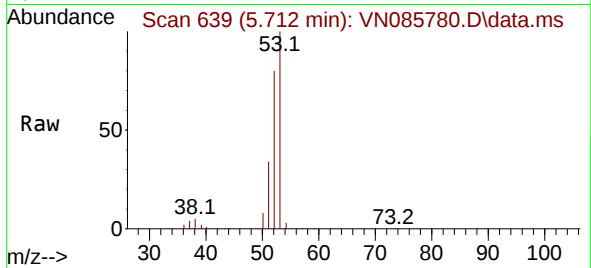
Tgt Ion: 41 Resp: 201442
Ion Ratio Lower Upper
41 100
39 72.4 57.4 86.2
76 44.6 36.2 54.2





#15
Acrylonitrile
Concen: 232.720 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

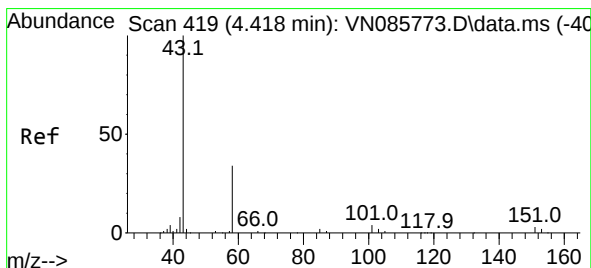
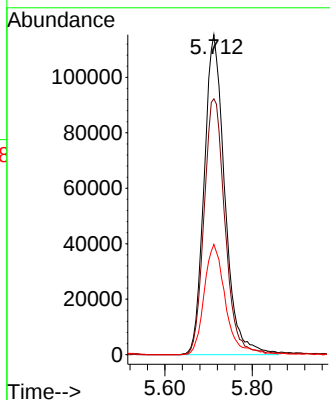
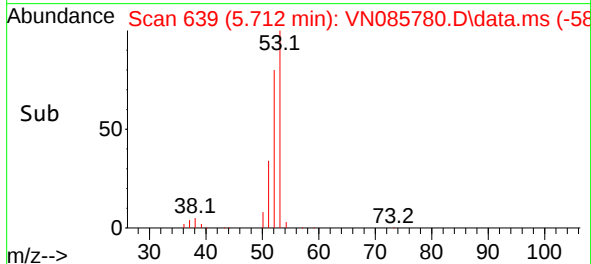
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 53 Resp: 378819
Ion Ratio Lower Upper
53 100
52 81.0 65.8 98.6
51 35.6 28.6 42.8

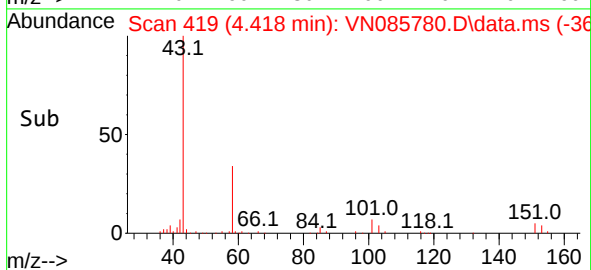
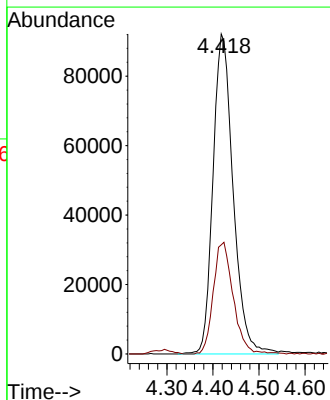
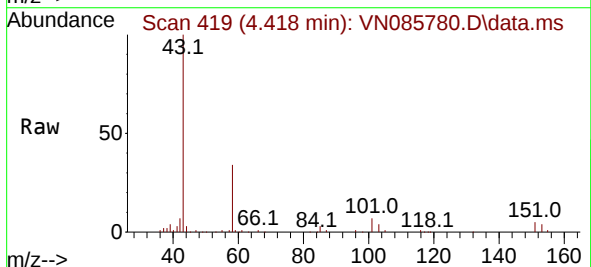
Manual Integrations
APPROVED

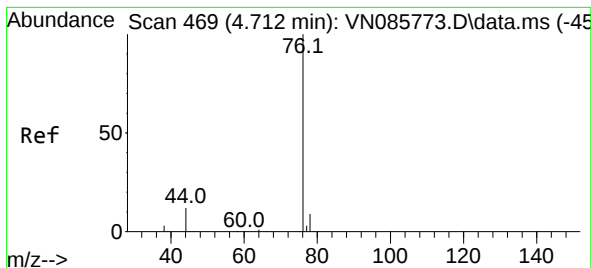
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 217.115 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Tgt Ion: 43 Resp: 279680
Ion Ratio Lower Upper
43 100
58 33.8 27.5 41.3





#17

Carbon Disulfide

Concen: 41.449 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.000 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021825

Tgt Ion: 76 Resp: 423019

Ion Ratio Lower Upper

76 100

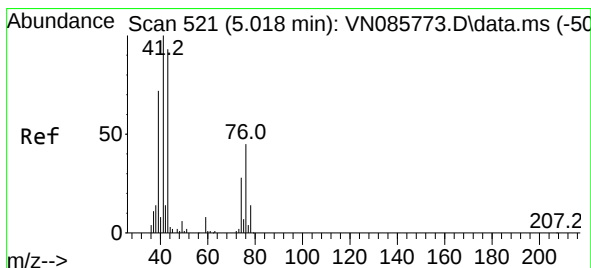
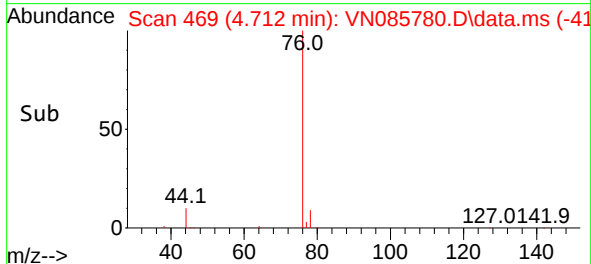
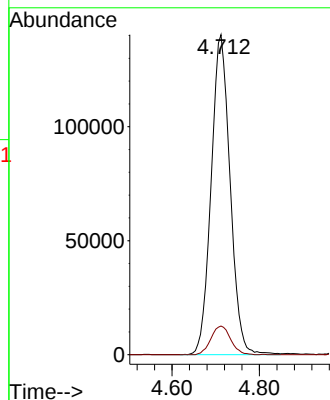
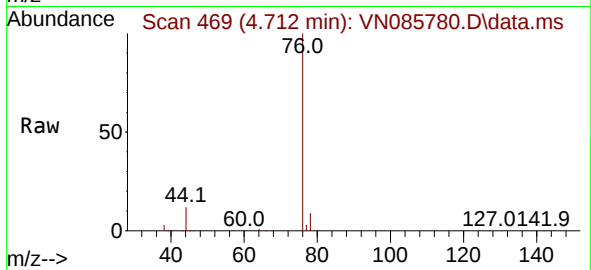
78 9.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#18

Methyl Acetate

Concen: 44.011 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085780.D

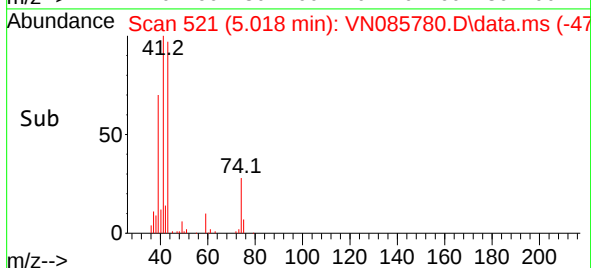
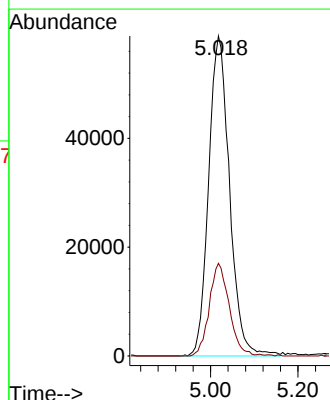
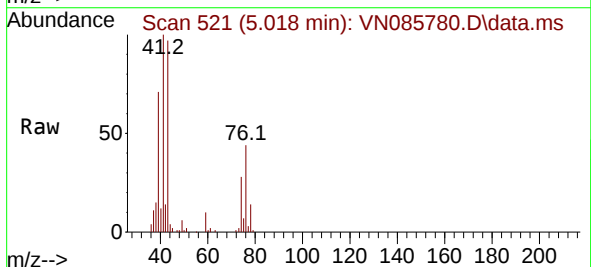
Acq: 18 Feb 2025 16:28

Tgt Ion: 43 Resp: 194998

Ion Ratio Lower Upper

43 100

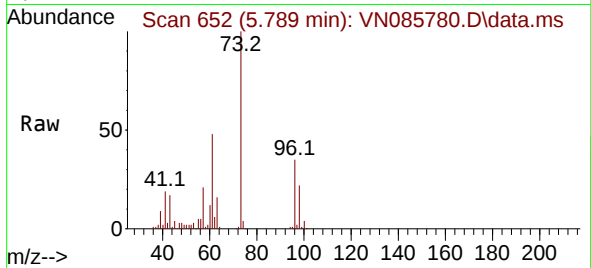
74 27.5 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 48.014 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

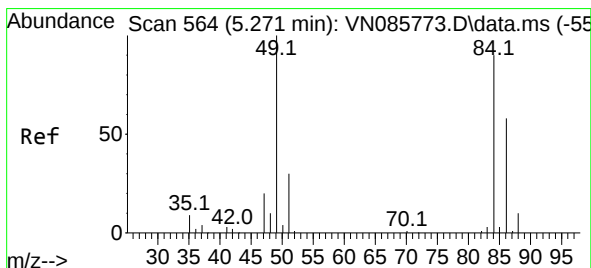
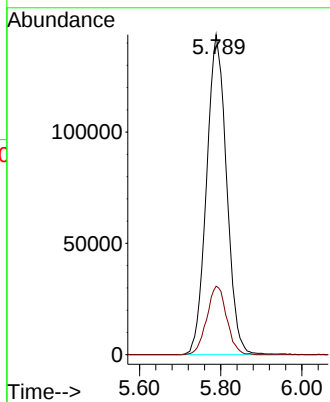
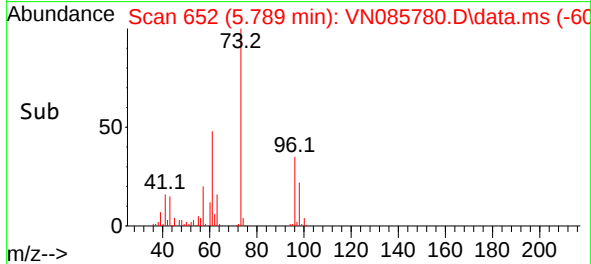
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



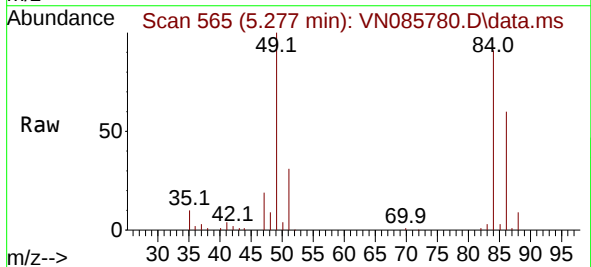
Tgt Ion: 73 Resp: 491324
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

Manual Integrations
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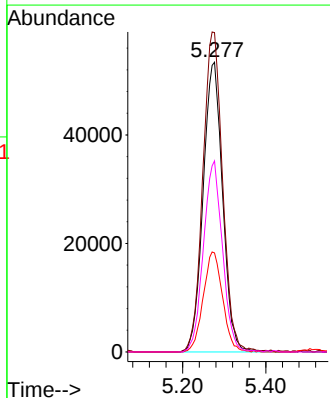
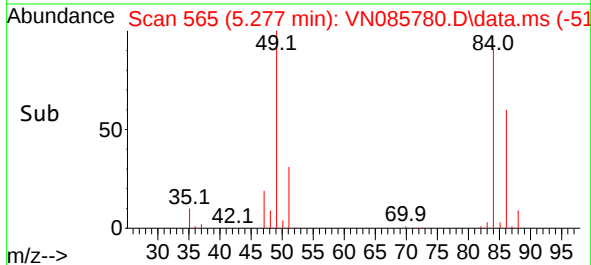
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 41.955 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



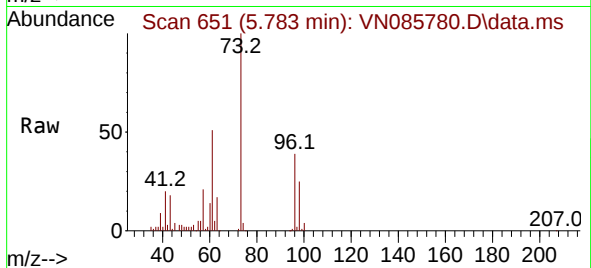
Tgt Ion: 84 Resp: 173805
Ion Ratio Lower Upper
84 100
49 110.2 88.4 132.6
51 34.2 26.6 40.0
86 65.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 43.475 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

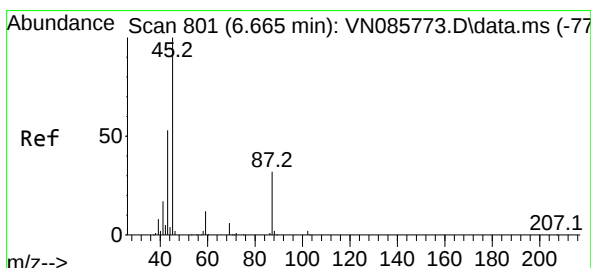
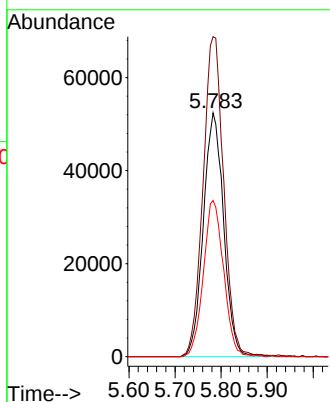
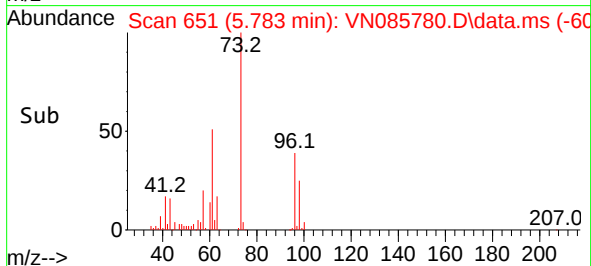
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



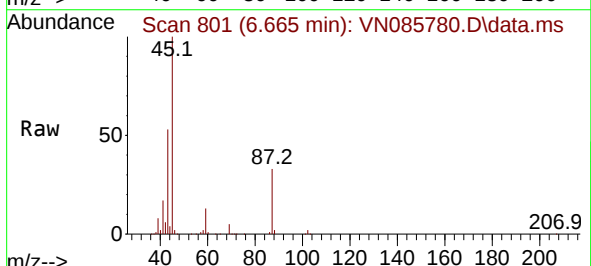
Tgt Ion: 96 Resp: 161209
Ion Ratio Lower Upper
96 100
61 131.3 112.6 168.8
98 64.1 53.3 79.9

Manual Integrations
APPROVED

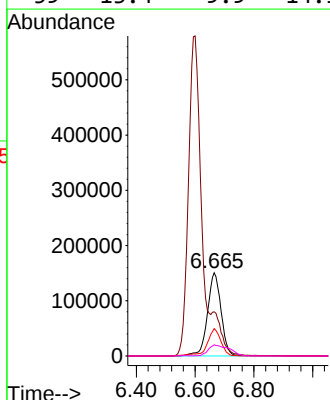
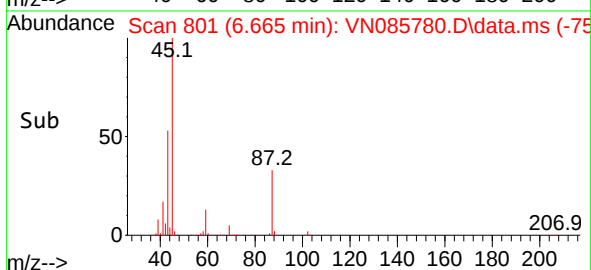
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 47.344 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



Tgt Ion: 45 Resp: 483670
Ion Ratio Lower Upper
45 100
43 52.7 42.6 64.0
87 32.9 25.8 38.8
59 13.4 9.9 14.9





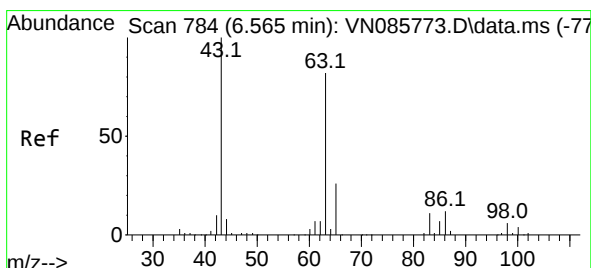
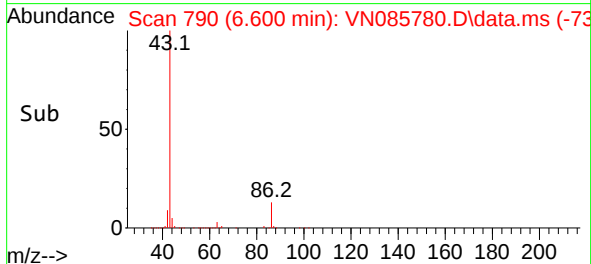
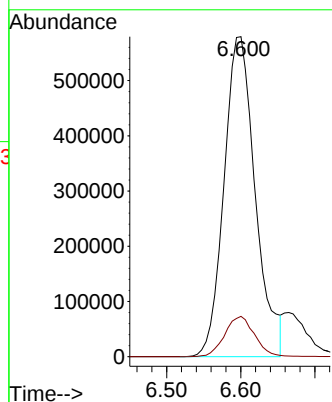
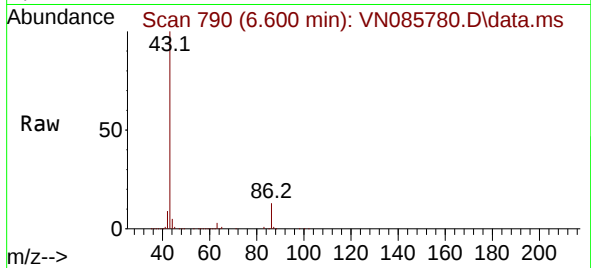
#23
 Vinyl Acetate
 Concen: 242.867 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021825

Tgt Ion: 43 Resp: 169885
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.8

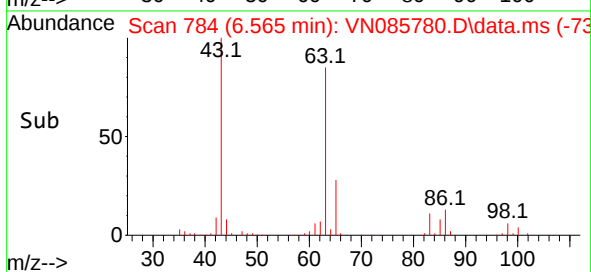
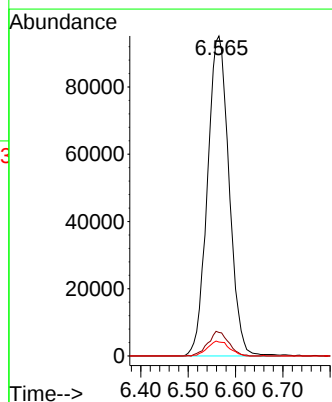
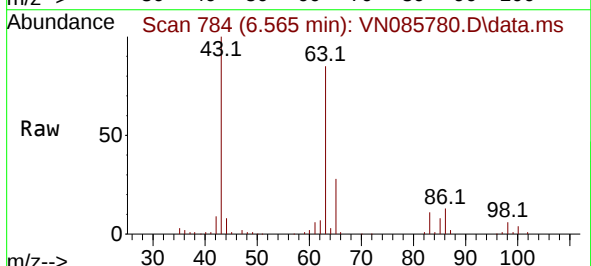
Manual Integrations
 APPROVED

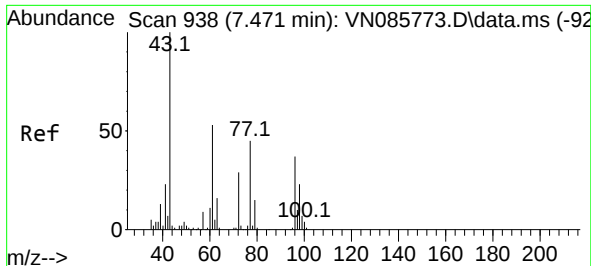
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 43.396 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

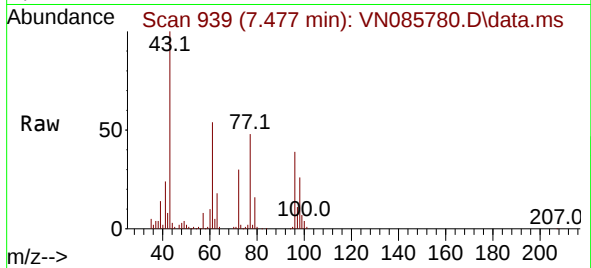
Tgt Ion: 63 Resp: 301375
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 240.836 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

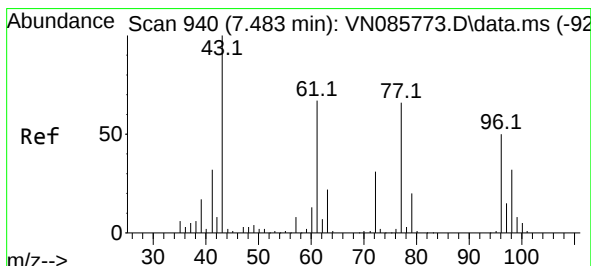
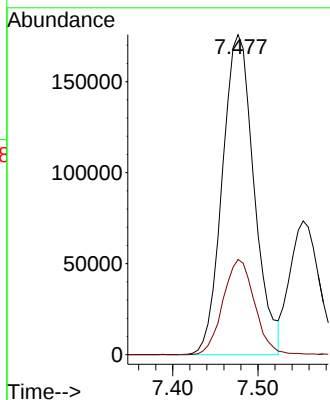
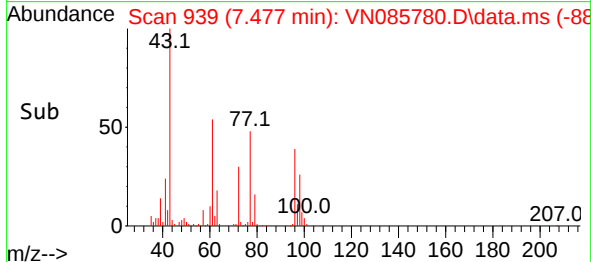
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 43 Resp: 456410
Ion Ratio Lower Upper
43 100
72 29.8 23.6 35.4

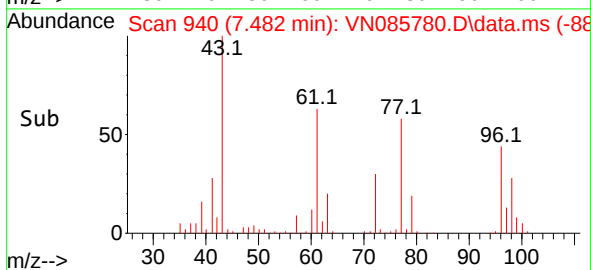
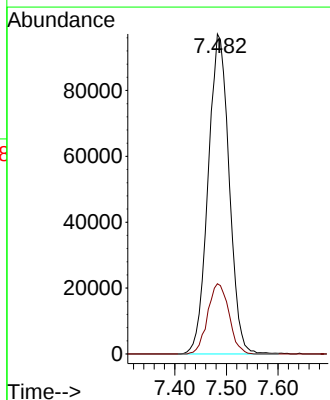
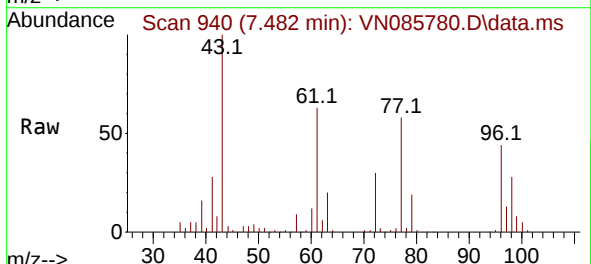
Manual Integrations
APPROVED

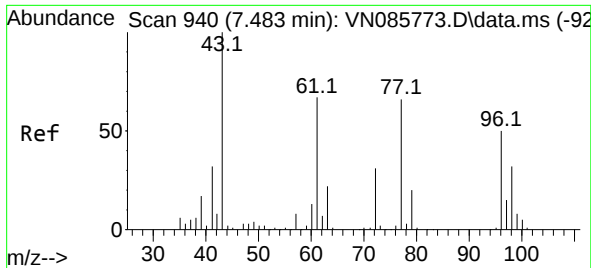
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 44.383 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

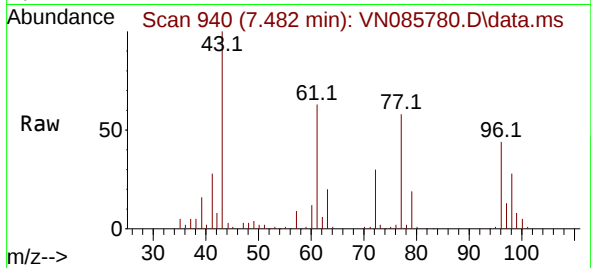
Tgt Ion: 77 Resp: 274082
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 44.284 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

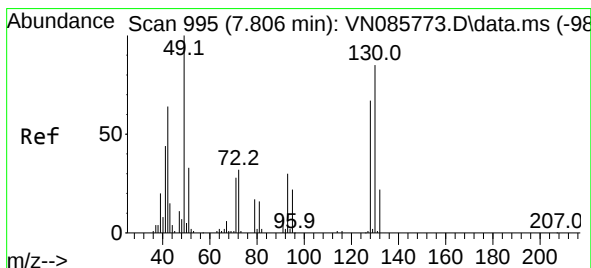
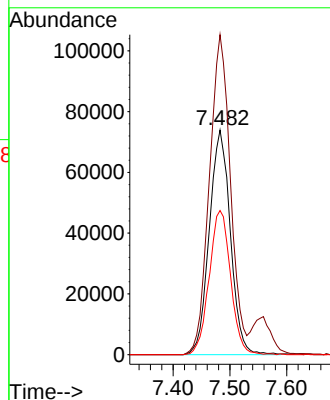
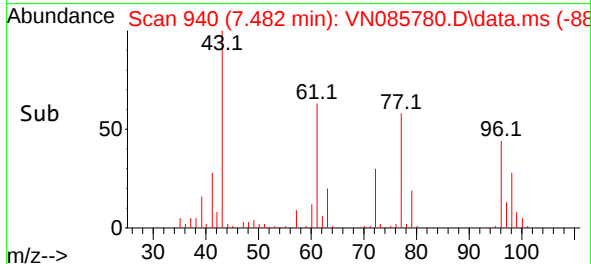
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN021825



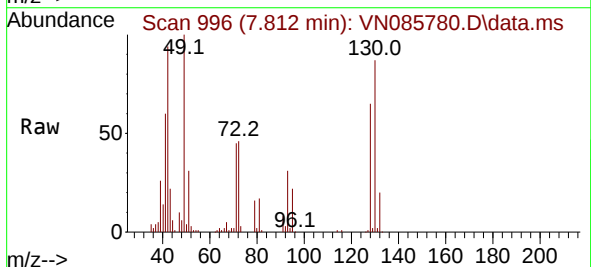
Tgt Ion: 96 Resp: 19039
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 280.6
 98 65.2 0.0 128.6

Manual Integrations
 APPROVED

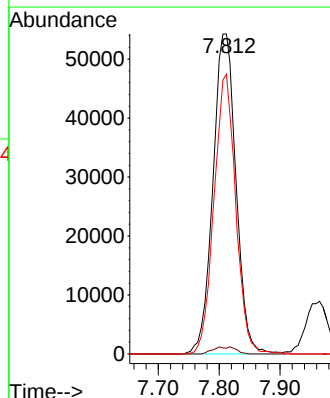
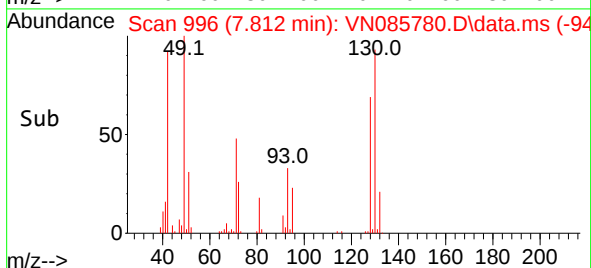
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#28
 Bromochloromethane
 Concen: 49.991 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28



Tgt Ion: 49 Resp: 142695
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 82.4 68.0 102.0





#29

Tetrahydrofuran

Concen: 248.913 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.000 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021825

Tgt Ion: 42 Resp: 30461

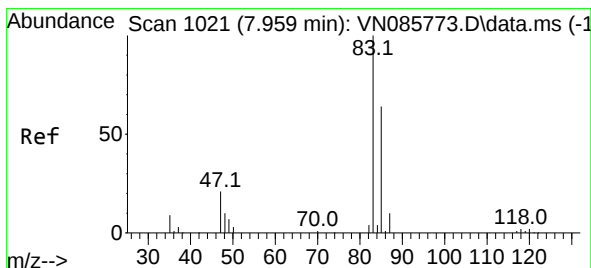
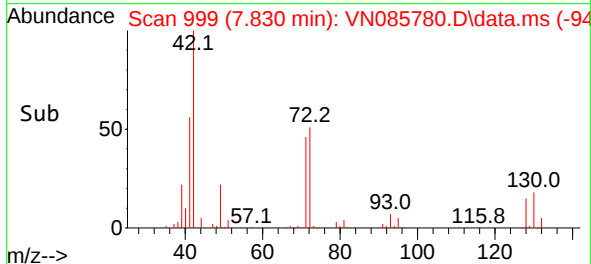
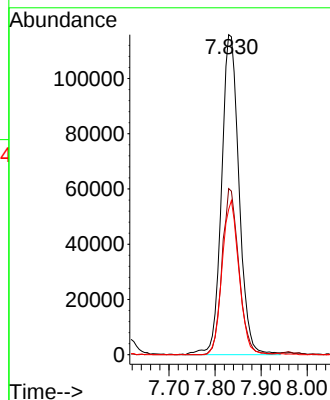
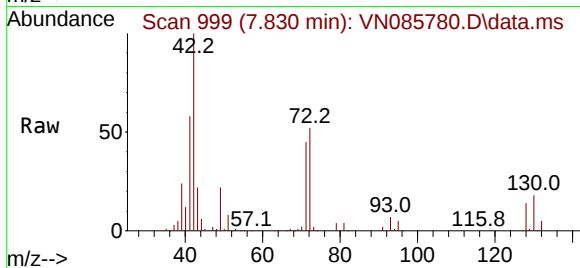
Ion	Ratio	Lower	Upper
42	100		
72	49.7	40.0	60.0
71	46.6	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 43.065 ug/l

RT: 7.965 min Scan# 1022

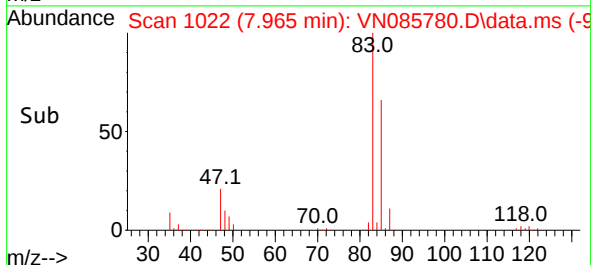
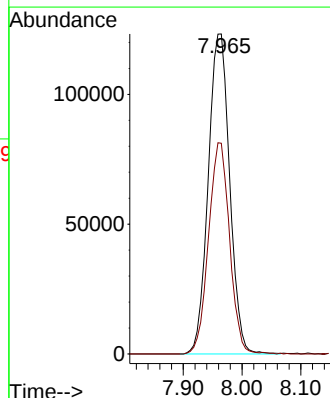
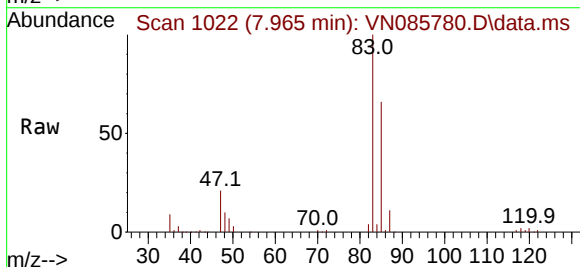
Delta R.T. 0.006 min

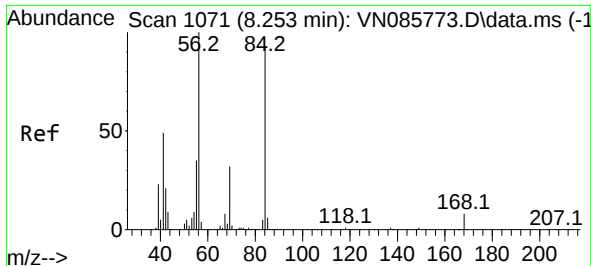
Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

Tgt Ion: 83 Resp: 312547

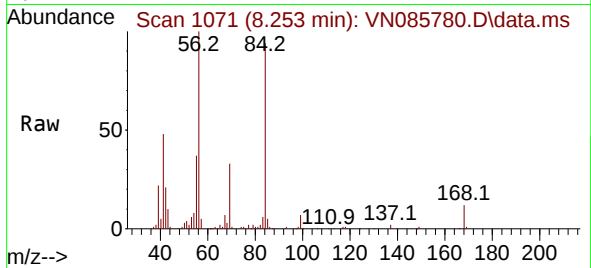
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.9	76.3





#31
Cyclohexane
Concen: 42.725 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

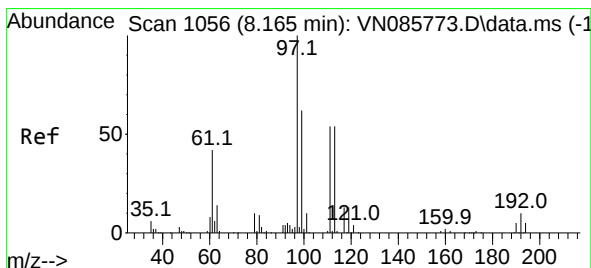
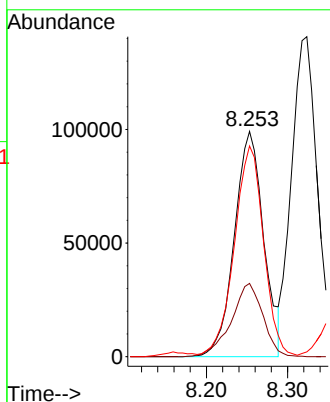
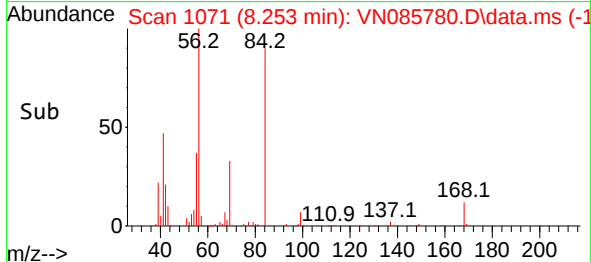
Instrument :
MSVOA_N
Client Sample Id :
ICVVN021825



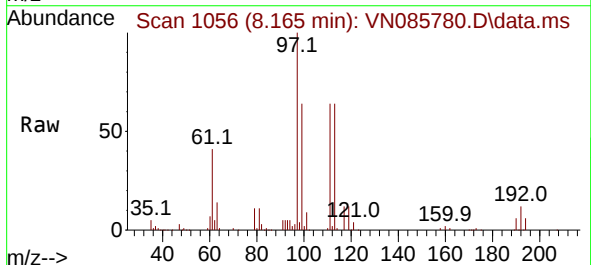
Tgt Ion: 56 Resp: 24843
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.6
84 91.8 74.5 111.7

Manual Integrations
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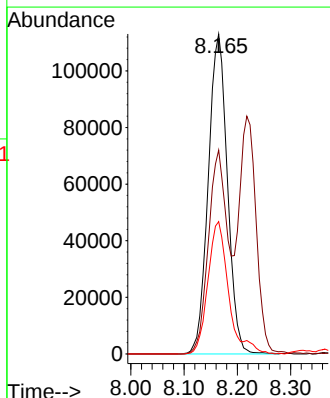
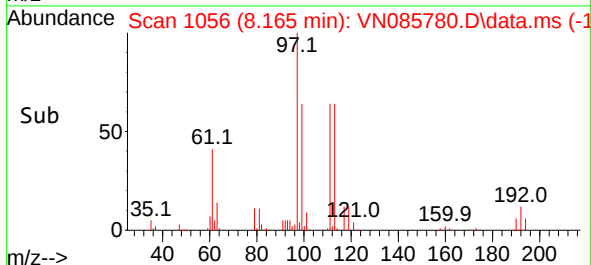
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 43.640 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



Tgt Ion: 97 Resp: 281708
Ion Ratio Lower Upper
97 100
99 61.8 50.4 75.6
61 44.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 50.125 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021825

Tgt Ion: 65 Resp: 204064

Ion Ratio Lower Upper

65 100

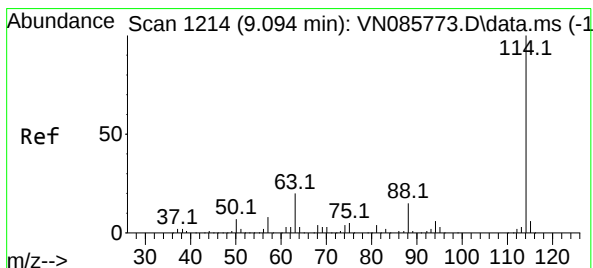
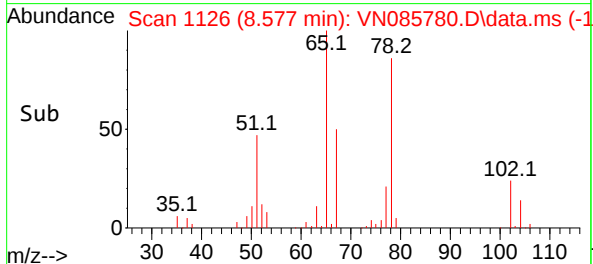
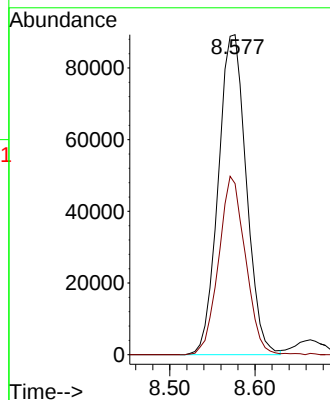
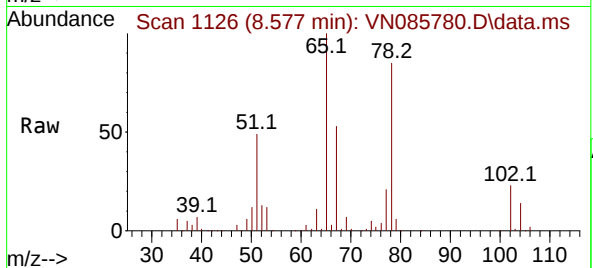
67 53.4 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

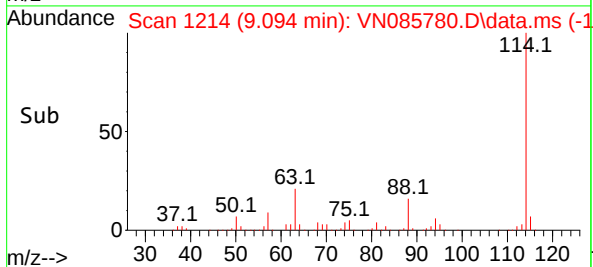
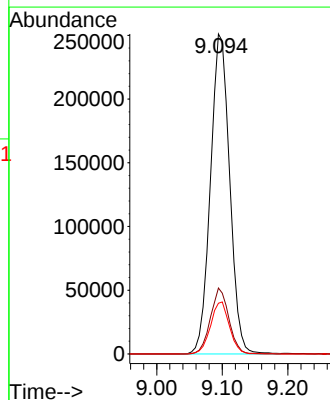
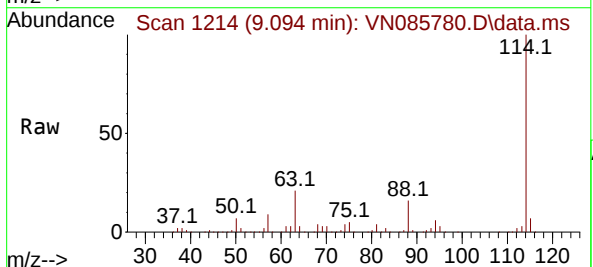
Tgt Ion:114 Resp: 510764

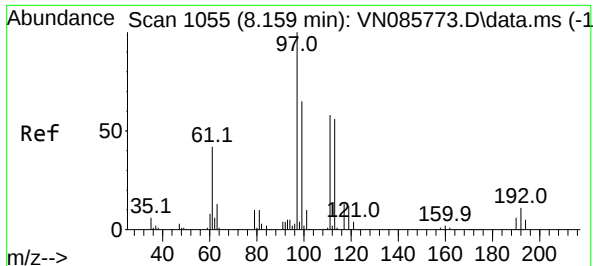
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 15.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.972 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021825

Tgt Ion: 113 Resp: 17035

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

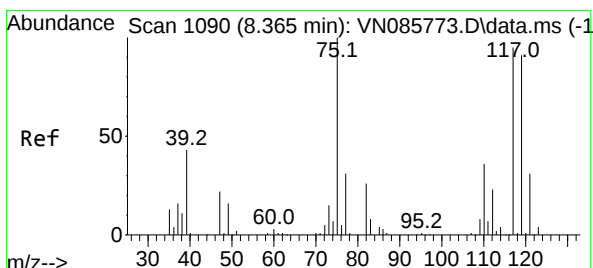
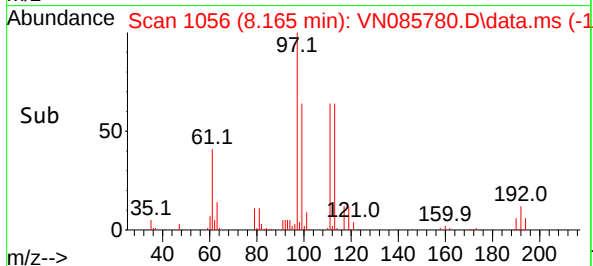
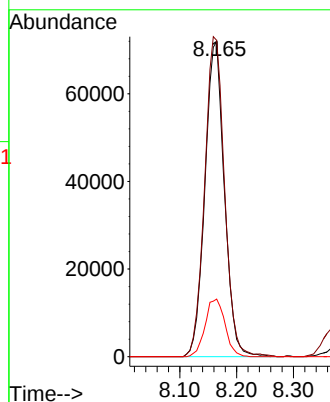
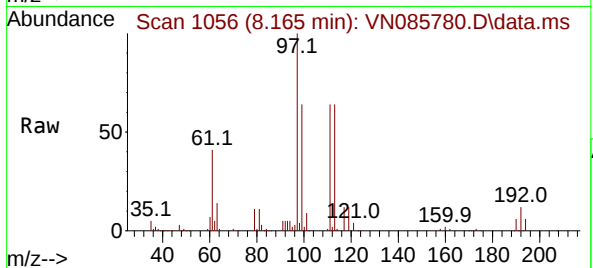
192 18.8 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#36

1,1-Dichloropropene

Concen: 46.581 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

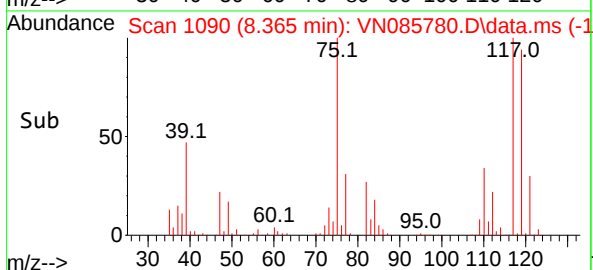
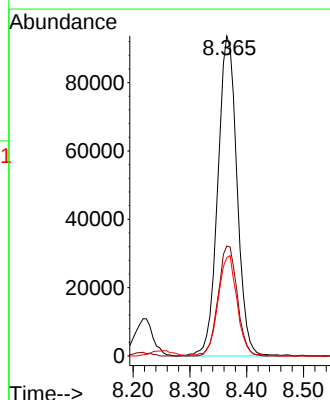
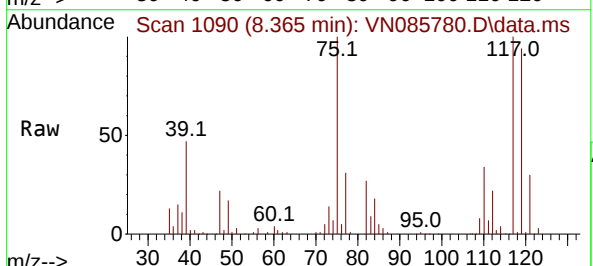
Tgt Ion: 75 Resp: 220335

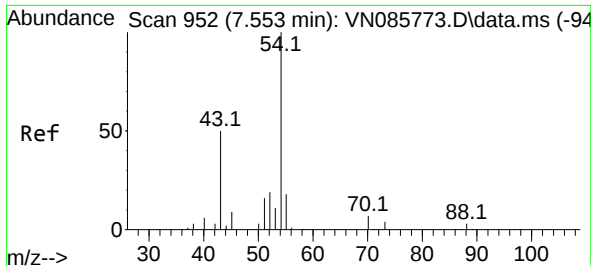
Ion Ratio Lower Upper

75 100

110 34.2 17.3 52.0

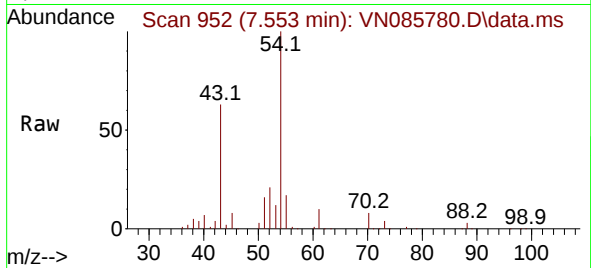
77 31.1 24.6 37.0





#37
Ethyl Acetate
Concen: 46.779 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

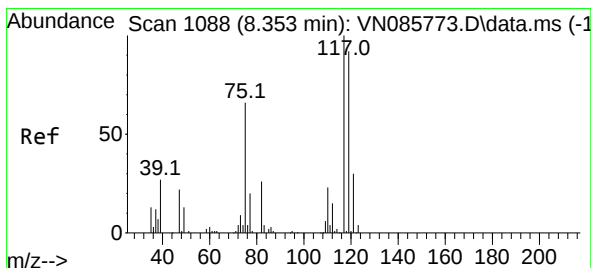
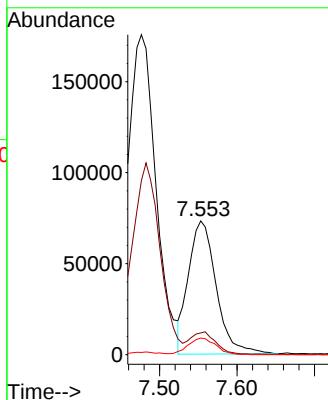
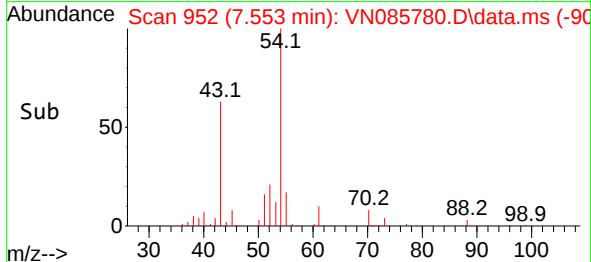
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 43 Resp: 18209
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.2
70 12.5 9.5 14.3

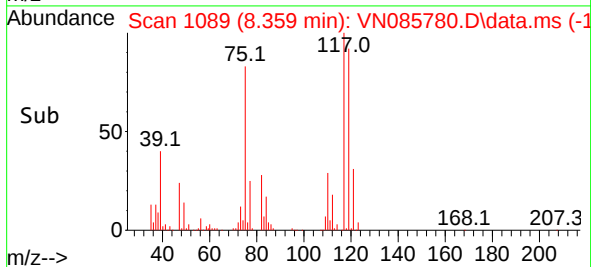
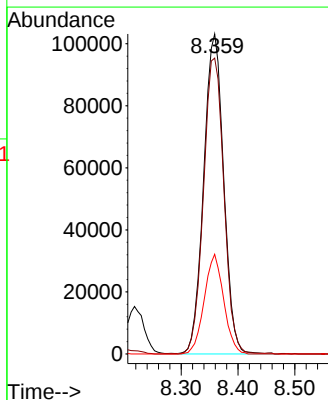
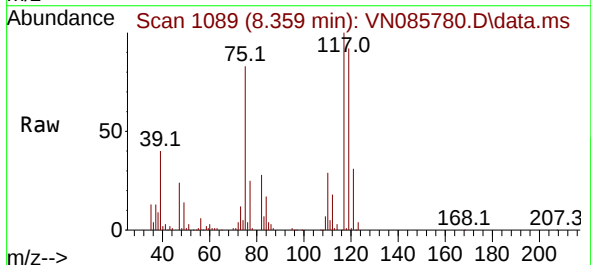
Manual Integrations
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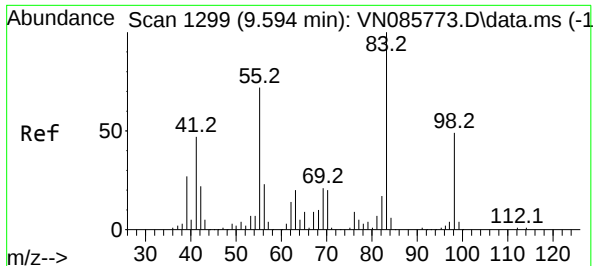
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38
Carbon Tetrachloride
Concen: 44.828 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Tgt Ion:117 Resp: 251949
Ion Ratio Lower Upper
117 100
119 92.5 73.8 110.6
121 31.1 24.3 36.5





#39

Methylcyclohexane

Concen: 49.612 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021825

Tgt Ion: 83 Resp: 23054

Ion Ratio Lower Upper

83 100

55 71.2 57.5 86.3

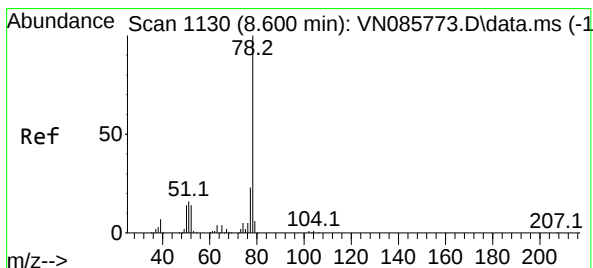
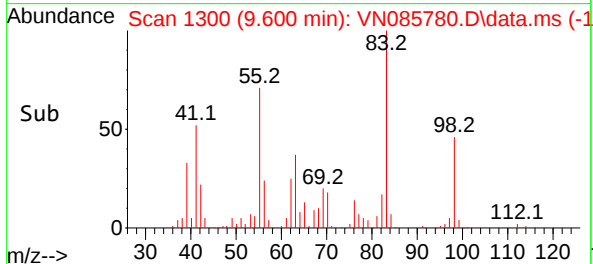
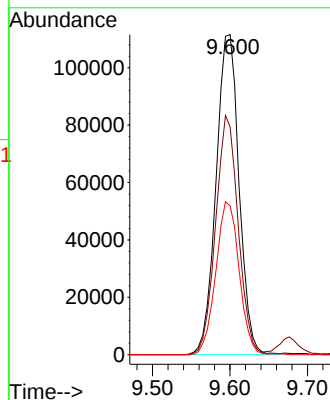
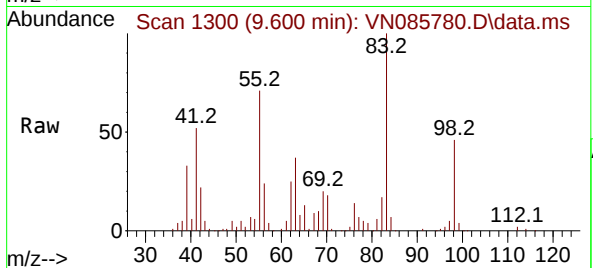
98 46.5 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 45.016 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085780.D

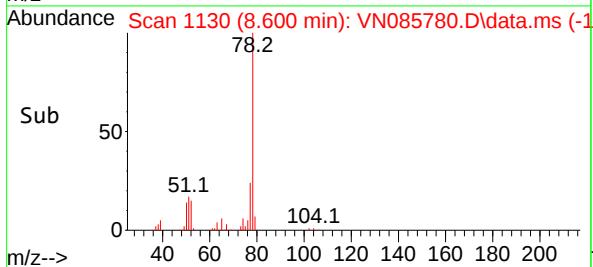
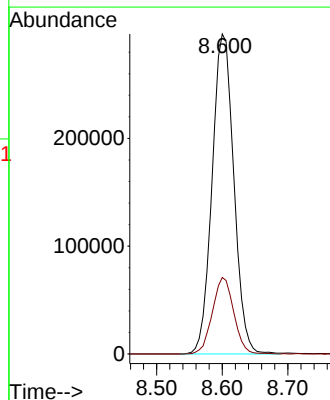
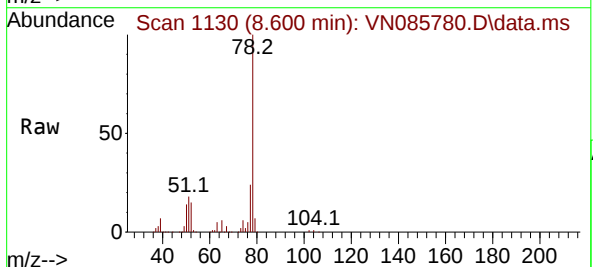
Acq: 18 Feb 2025 16:28

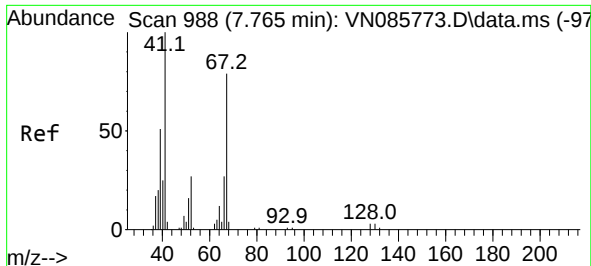
Tgt Ion: 78 Resp: 682453

Ion Ratio Lower Upper

78 100

77 23.9 18.3 27.5





#41
Methacrylonitrile
Concen: 50.597 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Instrument :

MSVOA_N

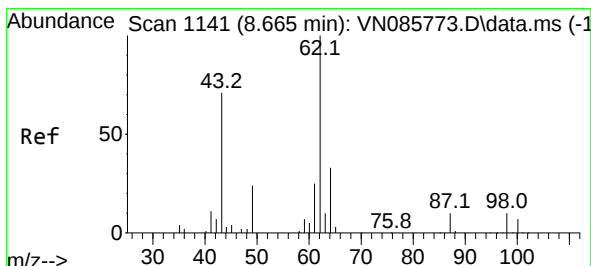
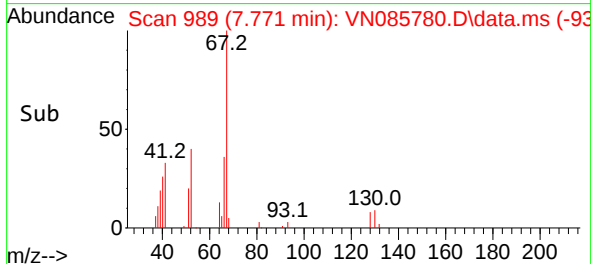
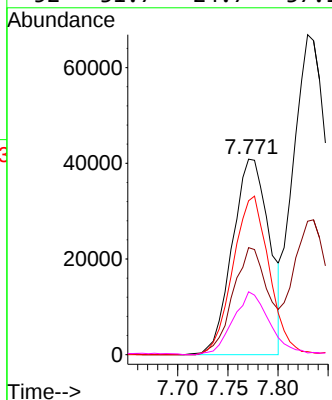
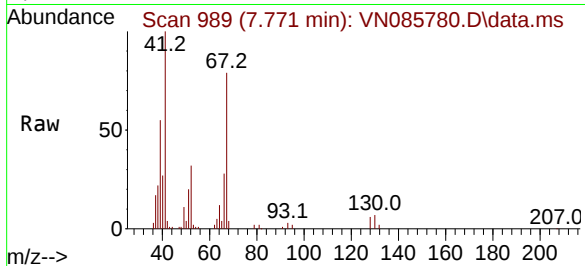
ClientSampleId :

ICVVN021825

Tgt Ion: 41 Resp: 10528
Ion Ratio Lower Upper
41 100
39 52.3 42.0 63.0
67 79.2 64.2 96.4
52 31.7 24.7 37.1

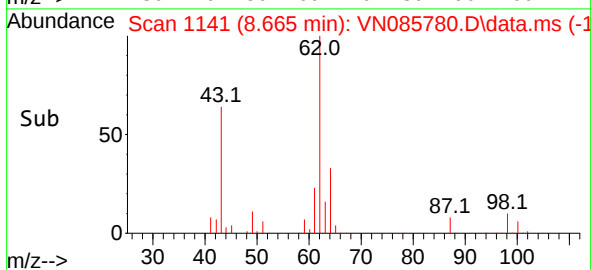
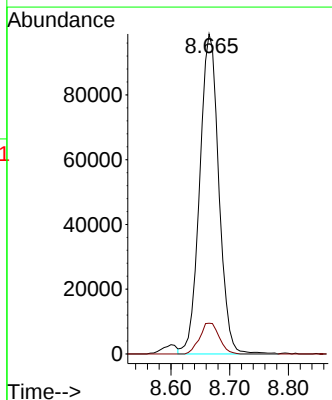
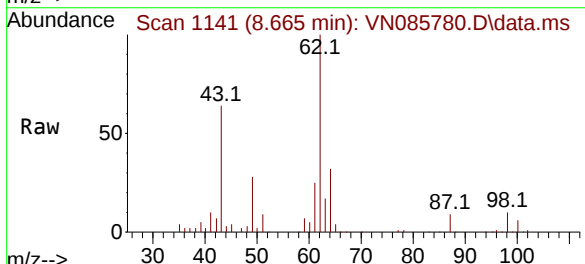
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 45.321 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

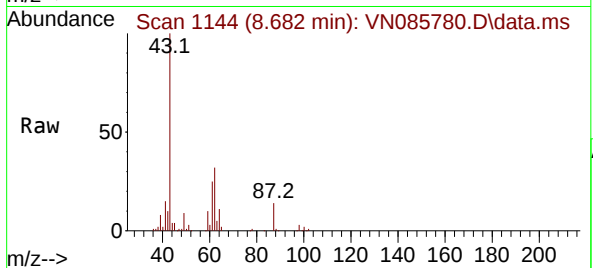
Tgt Ion: 62 Resp: 223798
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 46.374 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

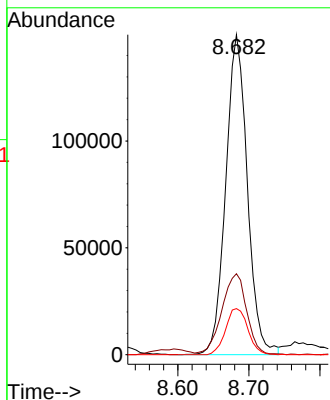
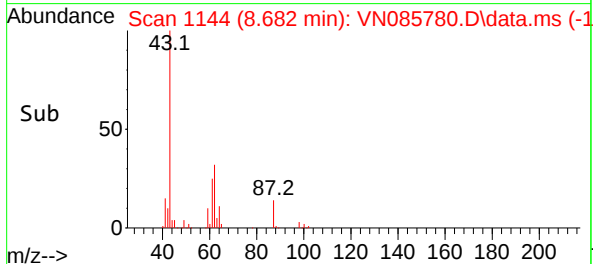
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 43 Resp: 317074
Ion Ratio Lower Upper
43 100
61 29.1 22.6 34.0
87 14.9 11.8 17.8

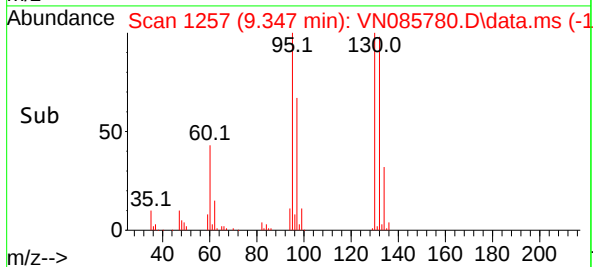
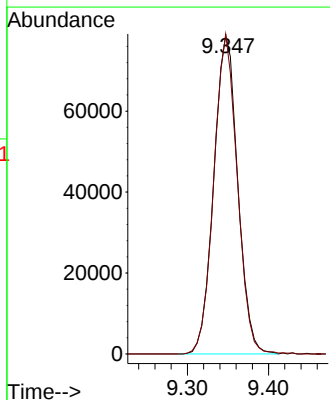
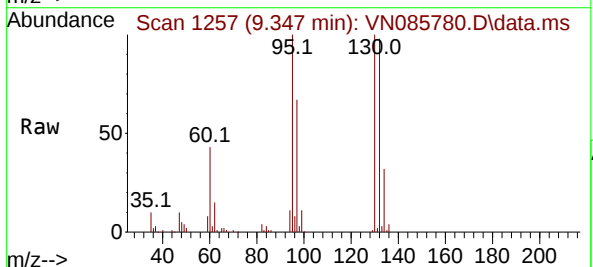
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 43.368 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Tgt Ion:130 Resp: 161430
Ion Ratio Lower Upper
130 100
95 100.5 0.0 202.6





#45

1,2-Dichloropropane

Concen: 45.194 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021825

Tgt Ion: 63 Resp: 16538

Ion Ratio Lower Upper

63 100

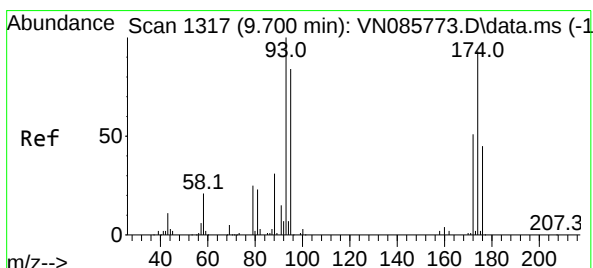
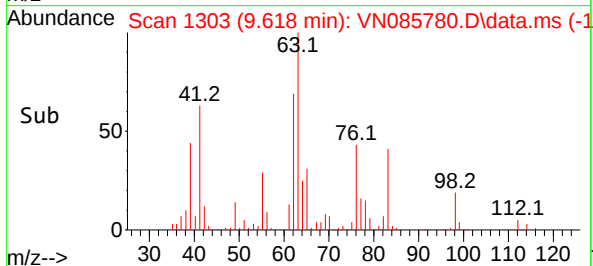
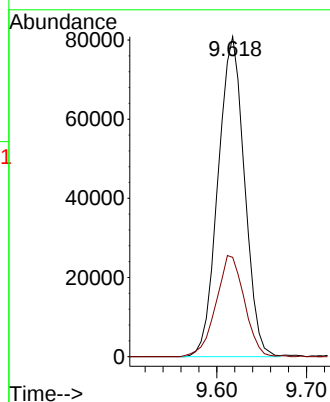
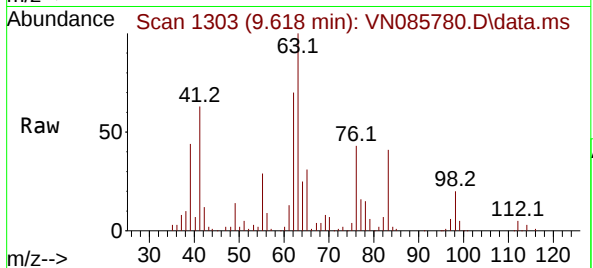
65 31.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 45.867 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

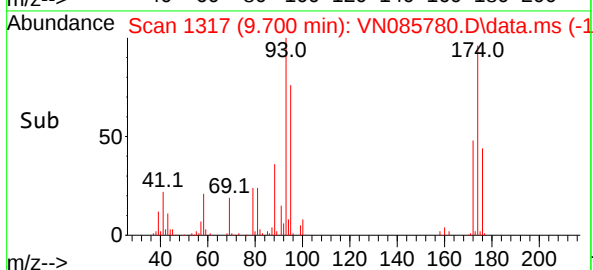
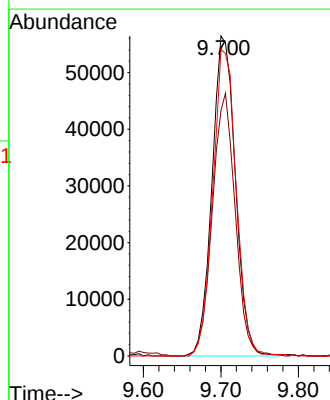
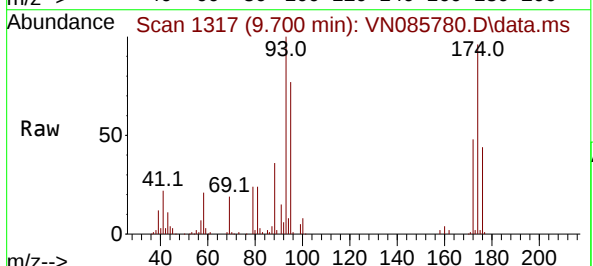
Tgt Ion: 93 Resp: 118394

Ion Ratio Lower Upper

93 100

95 80.3 66.7 100.1

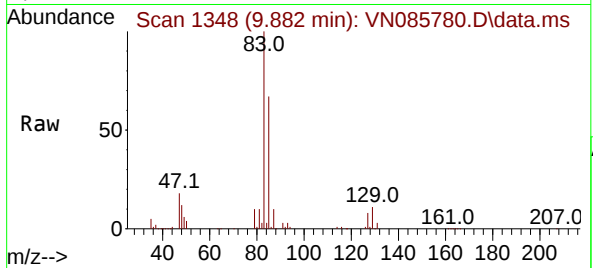
174 96.1 77.2 115.8





#47
Bromodichloromethane
Concen: 44.443 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

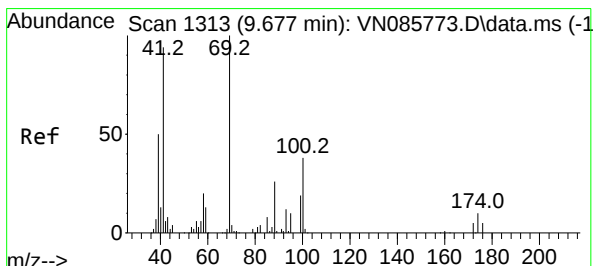
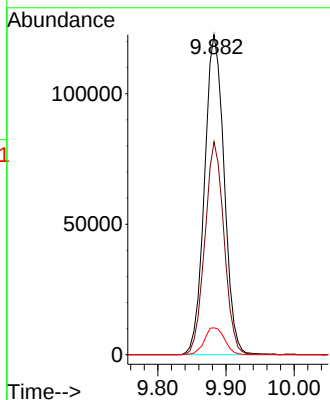
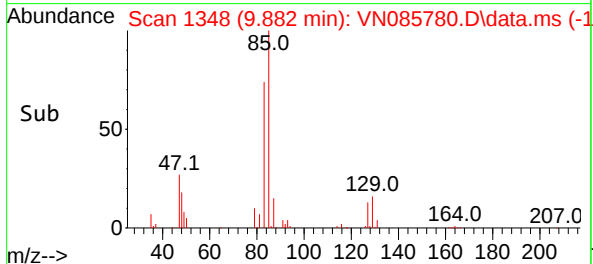
Instrument : MSVOA_N
ClientSampleId : ICVVN021825



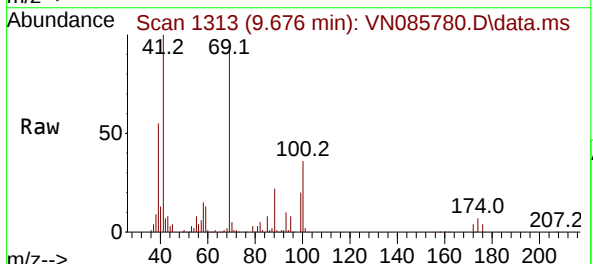
Tgt Ion: 83 Resp: 24543
Ion Ratio Lower Upper
83 100
85 66.5 50.5 75.7
127 8.4 7.2 10.8

Manual Integrations
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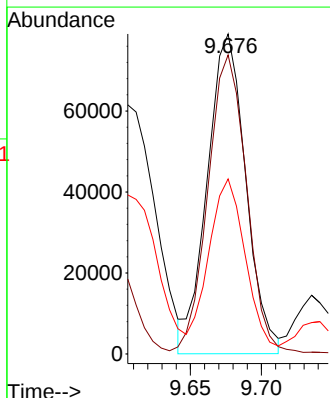
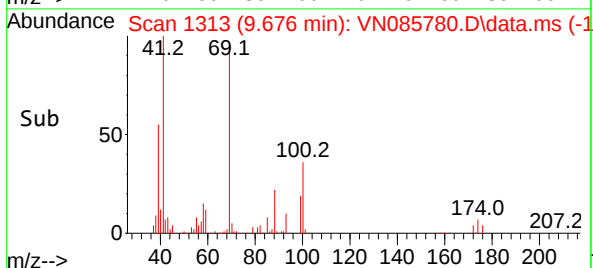
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

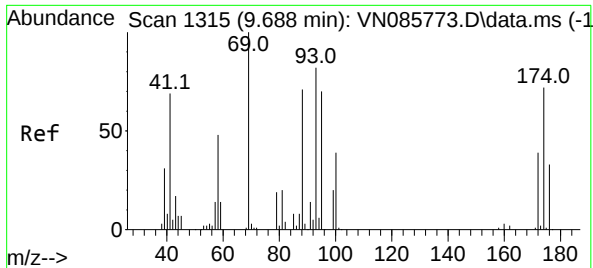


#48
Methyl methacrylate
Concen: 51.566 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



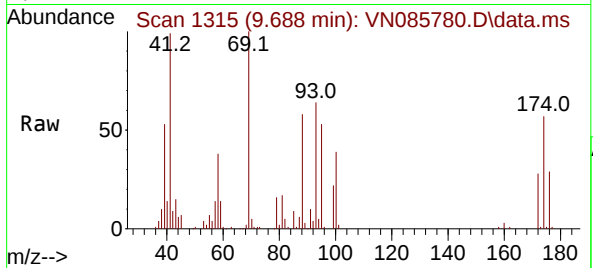
Tgt Ion: 41 Resp: 149072
Ion Ratio Lower Upper
41 100
69 93.7 76.0 114.0
39 53.0 42.3 63.5





#49
1,4-Dioxane
Concen: 1010.103 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

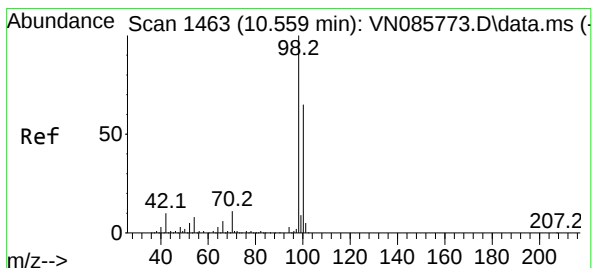
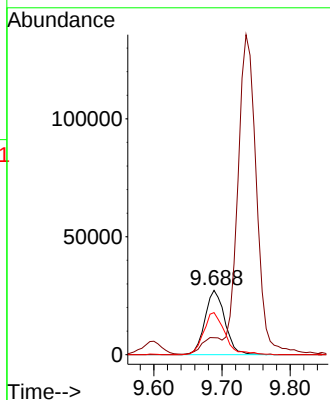
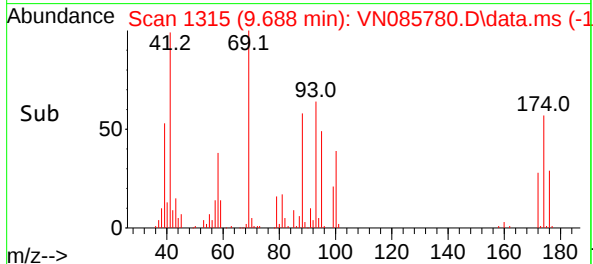
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 88 Resp: 55529
Ion Ratio Lower Upper
88 100
43 26.0 18.6 27.8
58 70.1 56.7 85.1

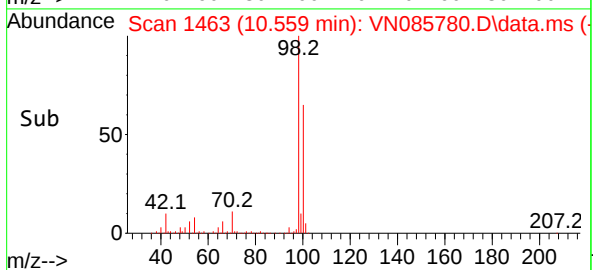
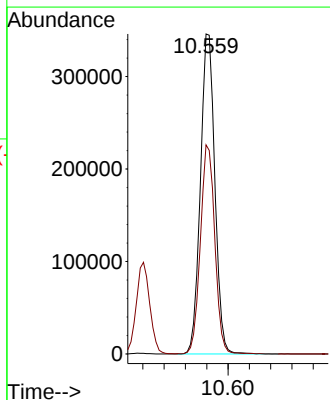
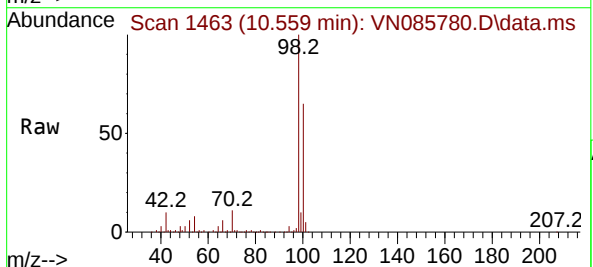
Manual Integrations
APPROVED

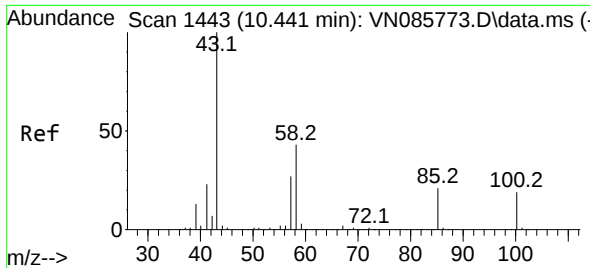
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#50
Toluene-d8
Concen: 53.575 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

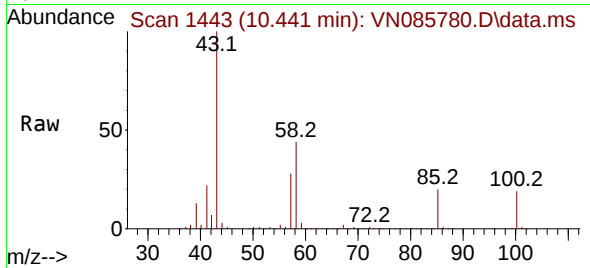
Tgt Ion: 98 Resp: 651463
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 254.433 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

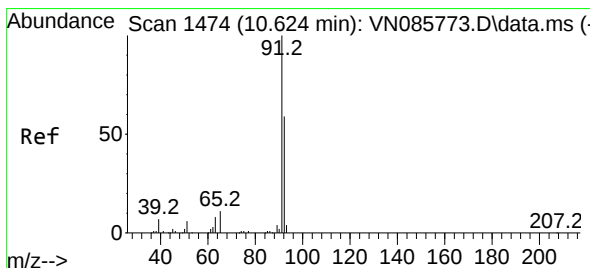
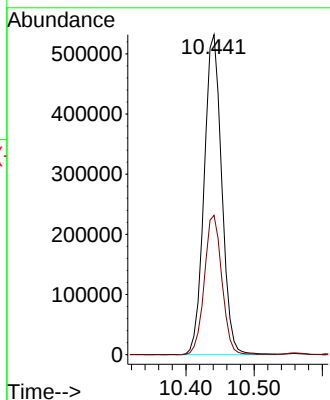
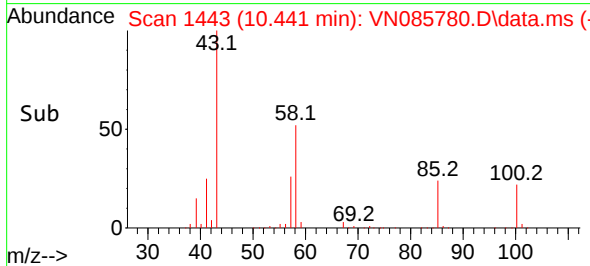
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 43 Resp: 95488
Ion Ratio Lower Upper
43 100
58 43.4 34.6 52.0

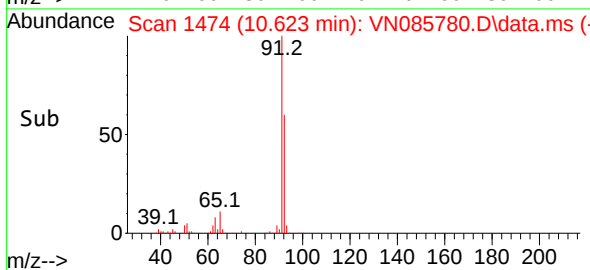
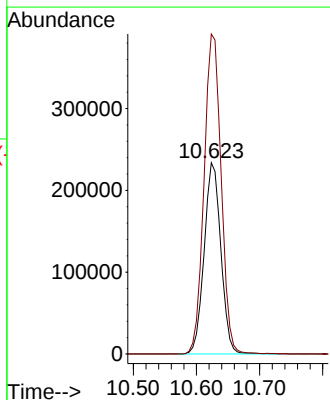
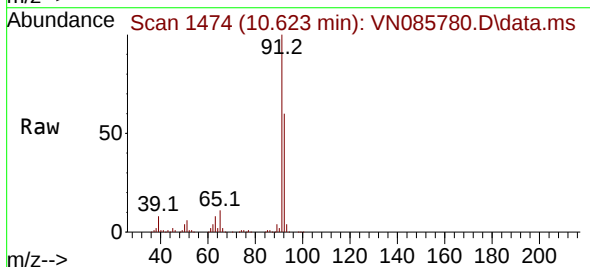
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 48.324 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

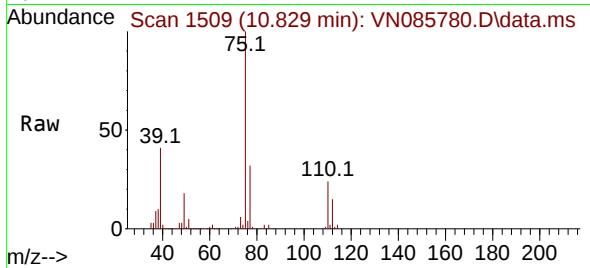
Tgt Ion: 92 Resp: 429445
Ion Ratio Lower Upper
92 100
91 171.4 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 48.873 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

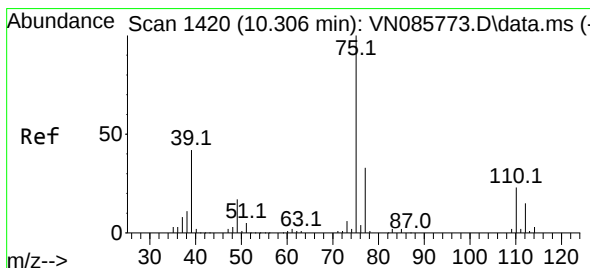
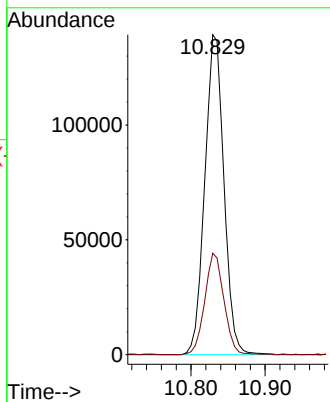
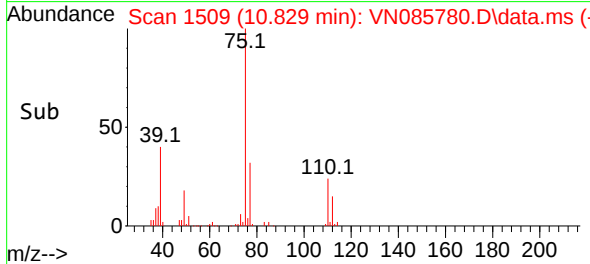
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 75 Resp: 249572
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

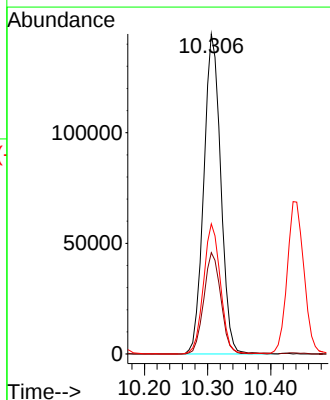
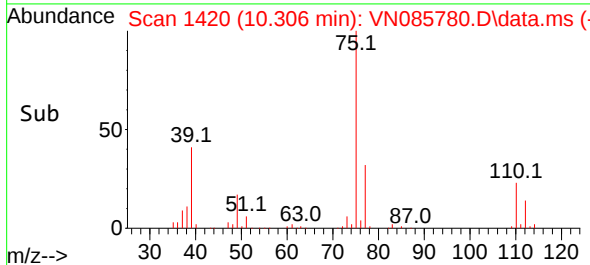
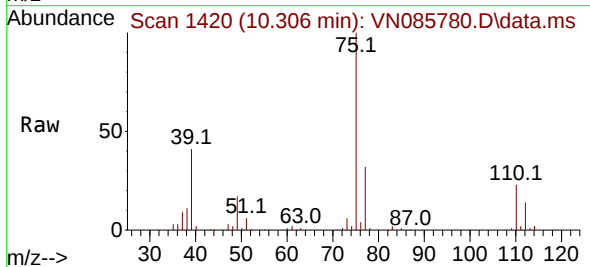
Manual Integrations
APPROVED

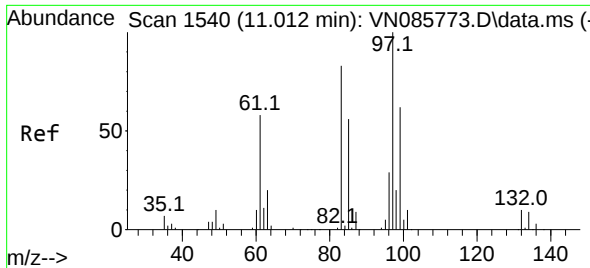
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#54
cis-1,3-Dichloropropene
Concen: 48.172 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

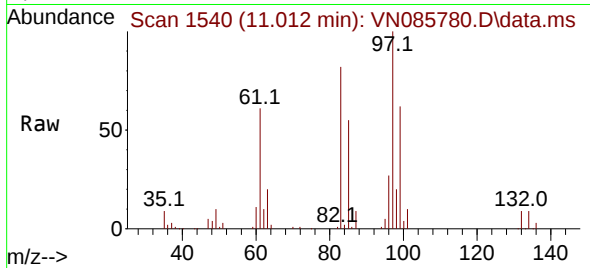
Tgt Ion: 75 Resp: 269744
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 40.7 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 45.289 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Instrument : MSVOA_N
ClientSampleId : ICVVN021825

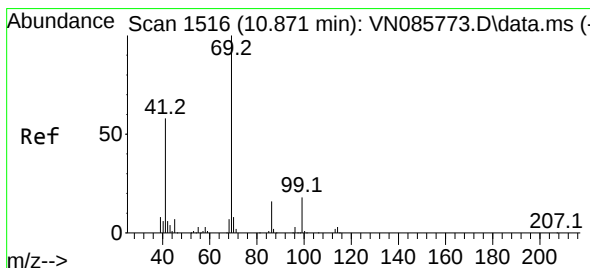
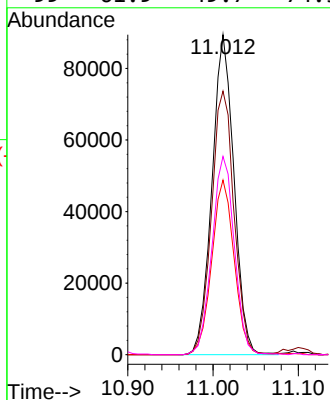
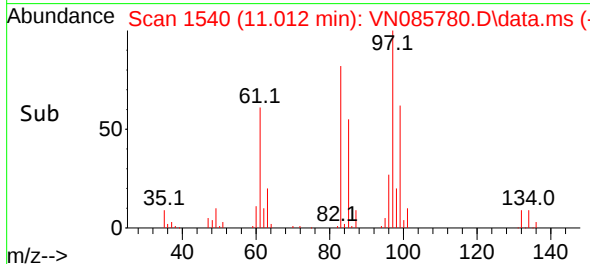


Tgt Ion: 97 Resp: 160020

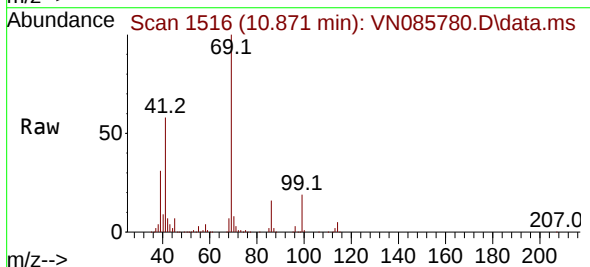
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.1	99.1
85	54.5	44.7	67.1
99	61.9	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

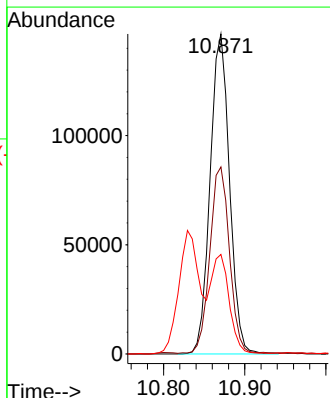
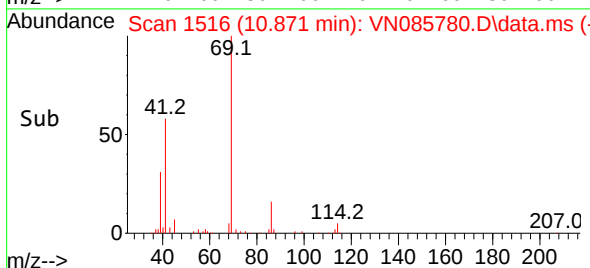


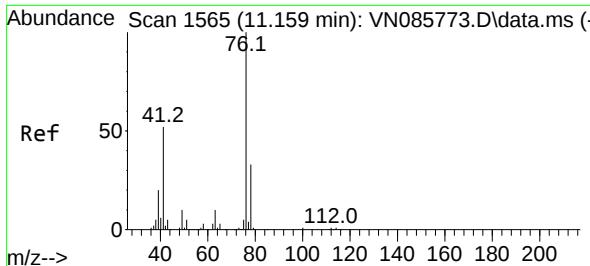
#56
Ethyl methacrylate
Concen: 48.142 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



Tgt Ion: 69 Resp: 243449

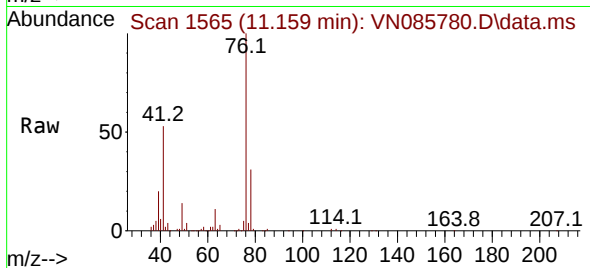
Ion	Ratio	Lower	Upper
69	100		
41	58.6	46.0	69.0
39	28.2	22.0	33.0





#57
1,3-Dichloropropane
Concen: 46.254 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

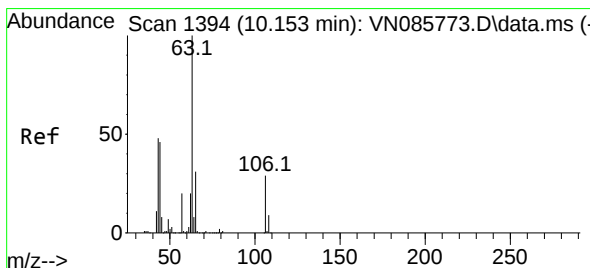
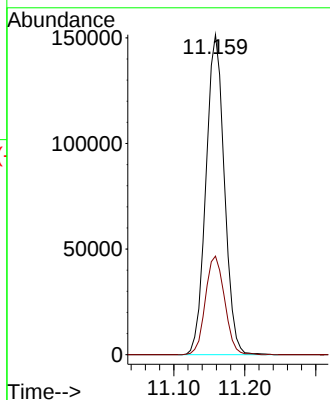
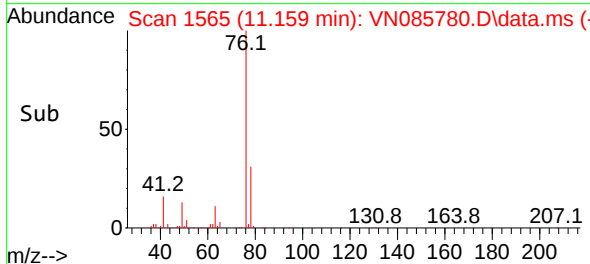
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 76 Resp: 27281
Ion Ratio Lower Upper
76 100
78 32.1 25.9 38.9

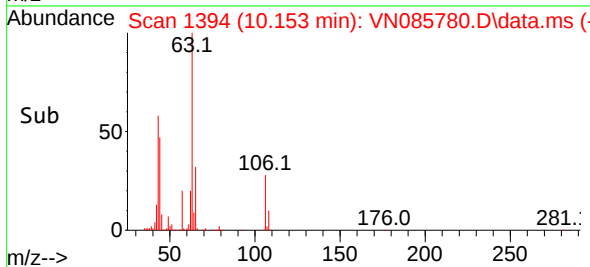
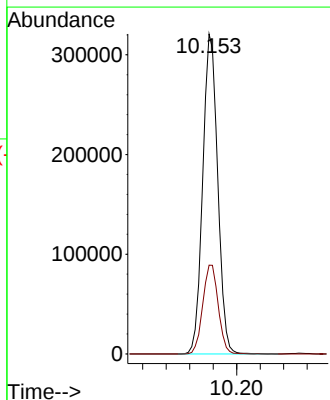
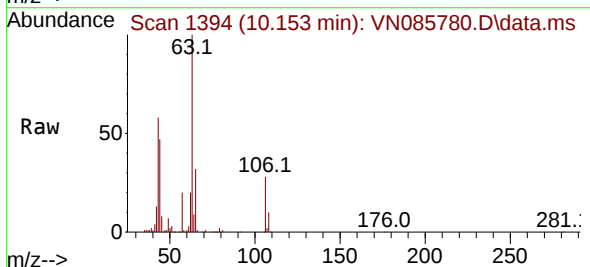
Manual Integrations
APPROVED

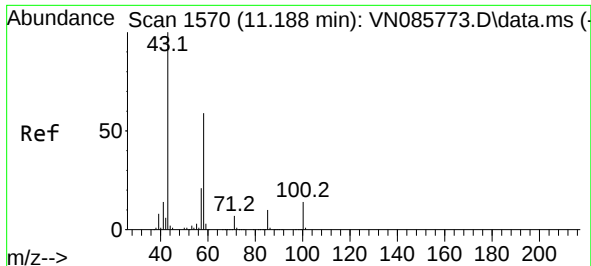
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 276.203 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

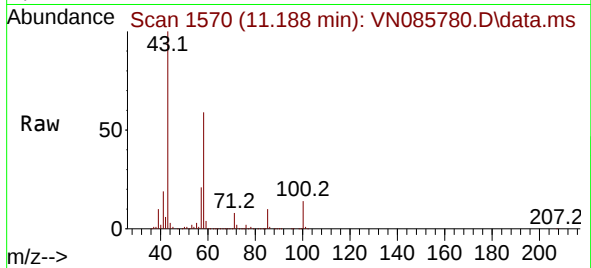
Tgt Ion: 63 Resp: 565673
Ion Ratio Lower Upper
63 100
106 28.7 22.7 34.1





#59
2-Hexanone
Concen: 266.284 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

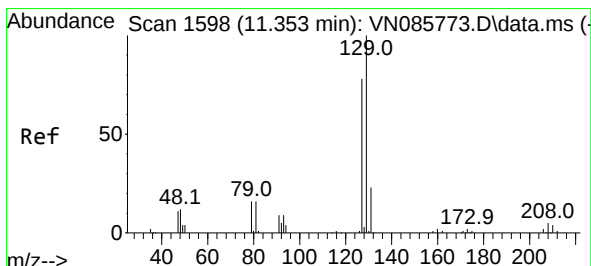
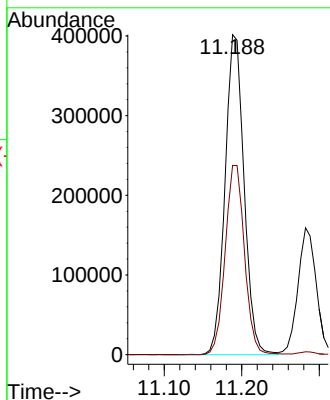
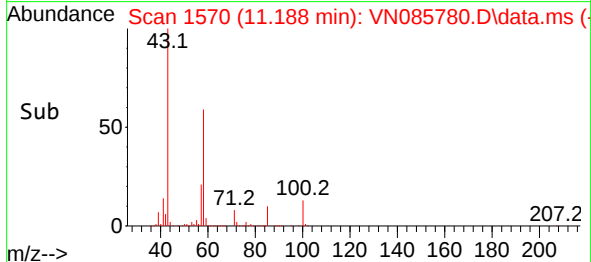
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 43 Resp: 68750
Ion Ratio Lower Upper
43 100
58 60.0 29.8 89.5

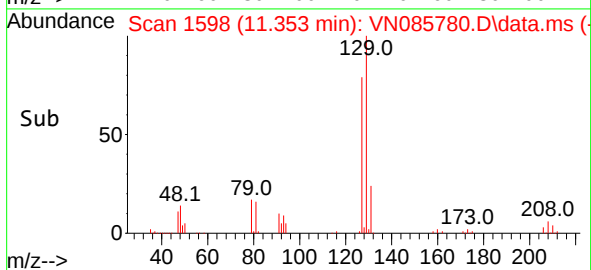
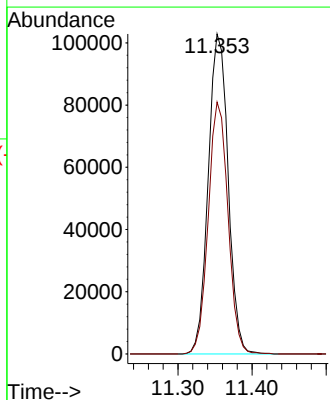
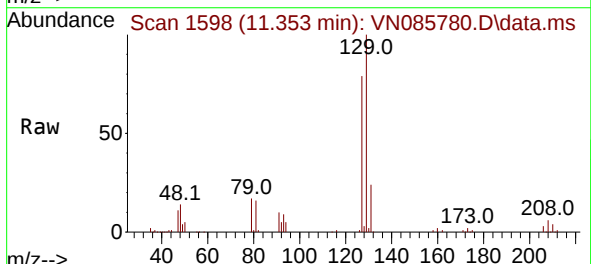
Manual Integrations
APPROVED

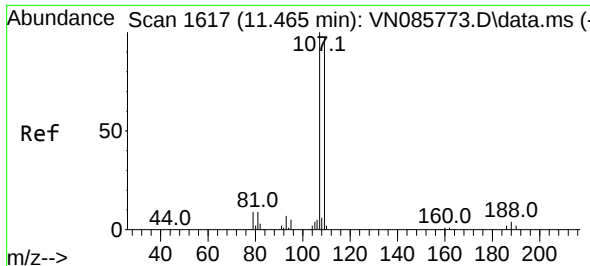
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 46.707 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

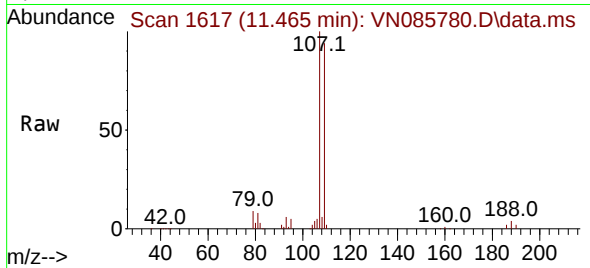
Tgt Ion:129 Resp: 192169
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





#61
1,2-Dibromoethane
Concen: 47.208 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

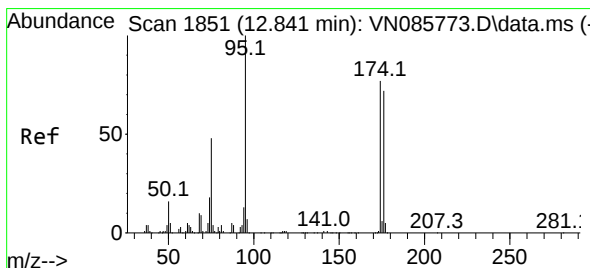
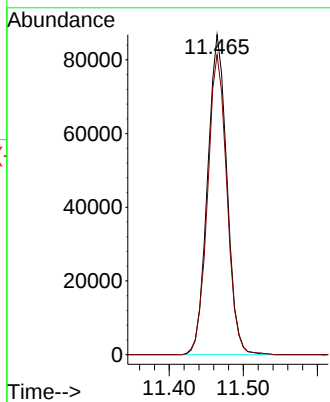
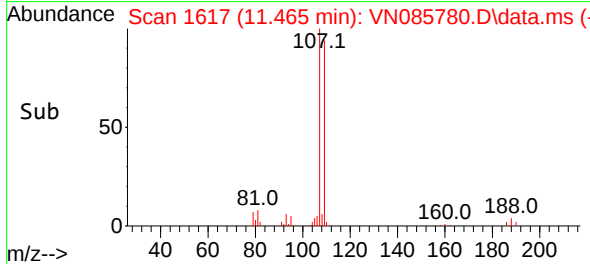
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



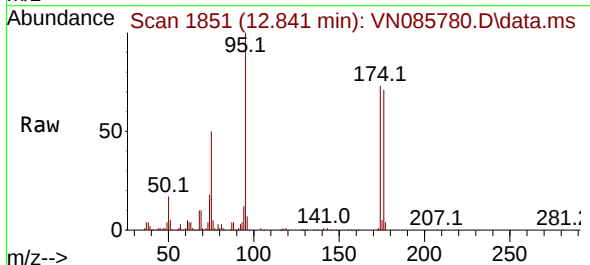
Tgt Ion:107 Resp: 157602
Ion Ratio Lower Upper
107 100
109 93.7 76.0 114.0

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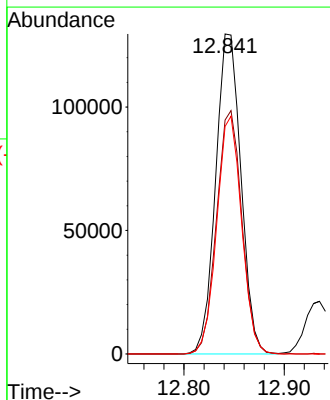
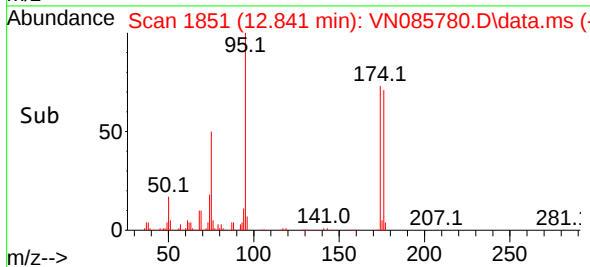
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

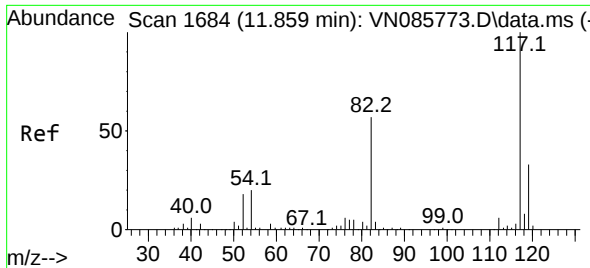


#62
4-Bromofluorobenzene
Concen: 56.665 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



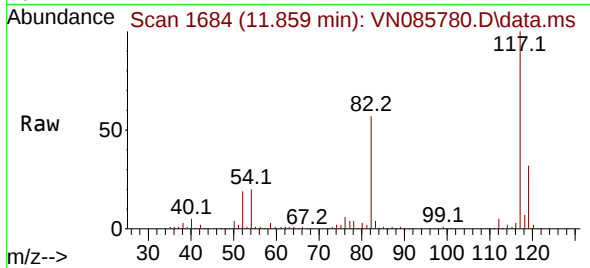
Tgt Ion: 95 Resp: 227023
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.4
176 73.1 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

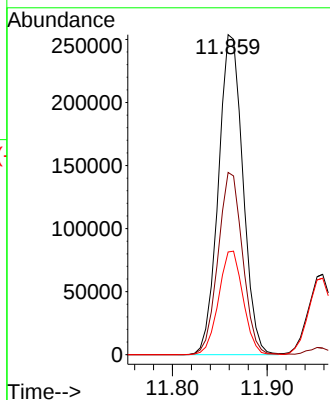
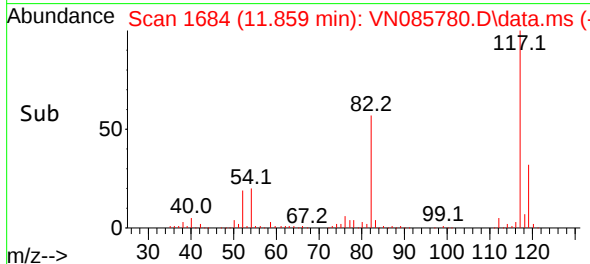
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion:117 Resp: 45648
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 32.1 26.2 39.2

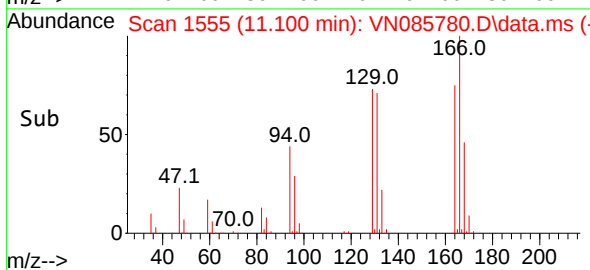
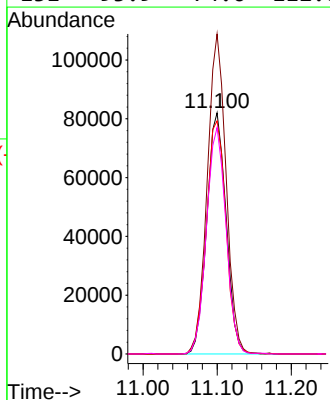
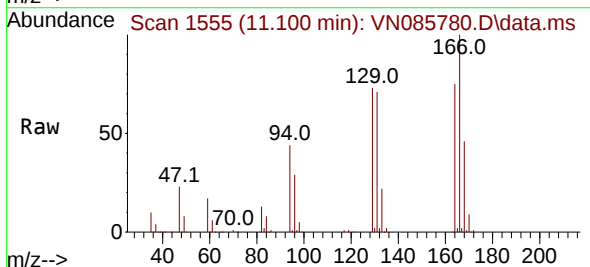
Manual Integrations
APPROVED

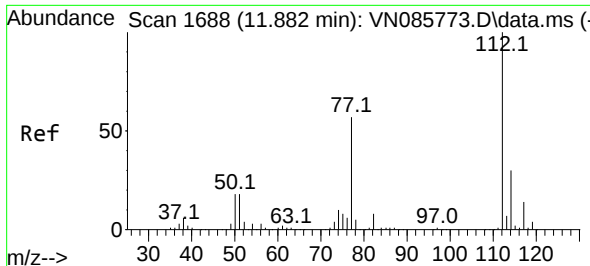
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#64
Tetrachloroethene
Concen: 42.088 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

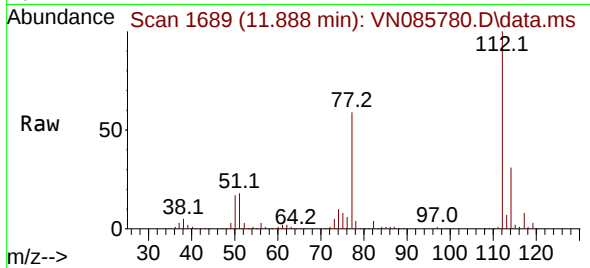
Tgt Ion:164 Resp: 148840
Ion Ratio Lower Upper
164 100
166 132.7 107.2 160.8
129 96.7 80.7 121.1
131 93.9 74.6 112.0





#65
Chlorobenzene
Concen: 44.422 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

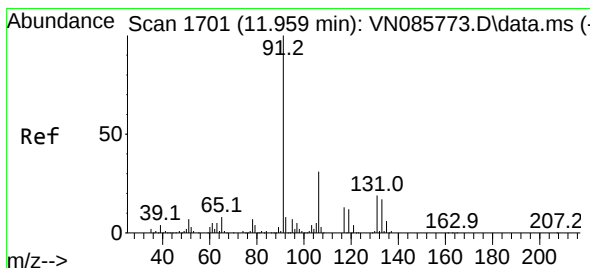
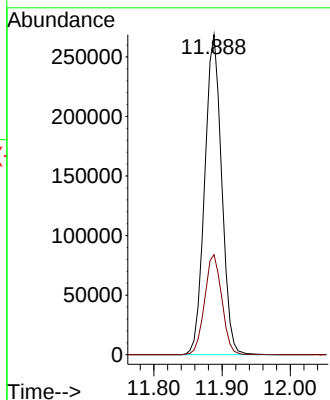
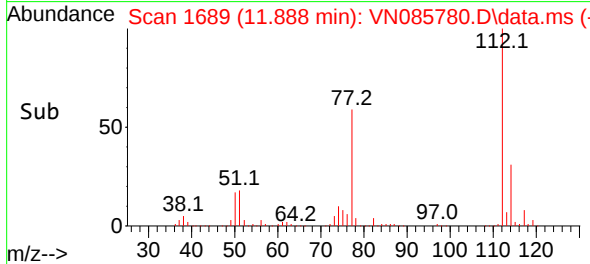
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



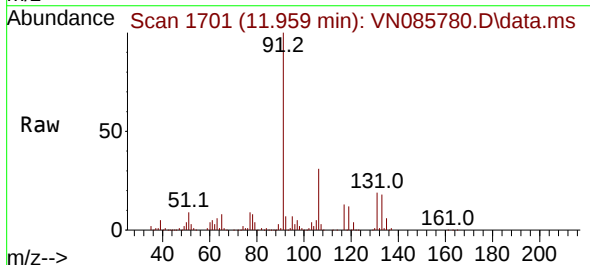
Tgt Ion:112 Resp: 46454
Ion Ratio Lower Upper
112 100
114 31.2 24.3 36.5

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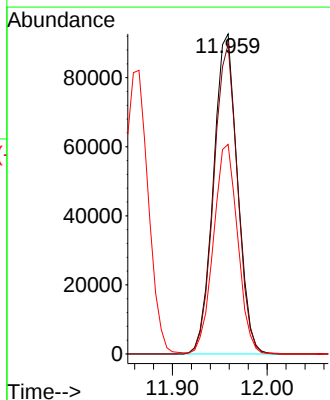
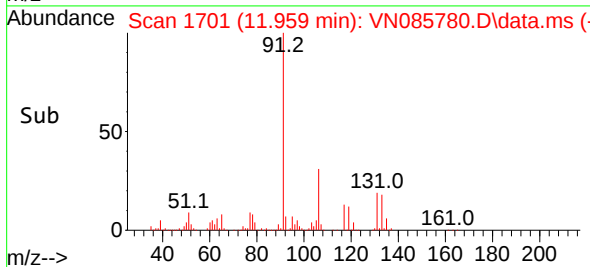
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 43.545 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



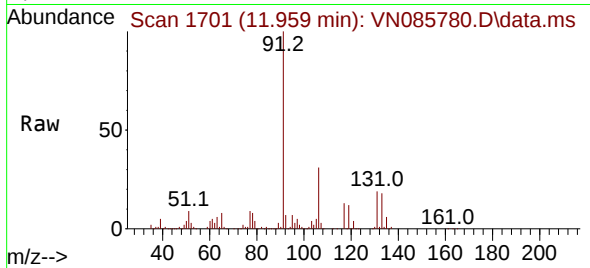
Tgt Ion:131 Resp: 163676
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 65.9 33.3 99.8





#67
Ethyl Benzene
Concen: 48.655 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

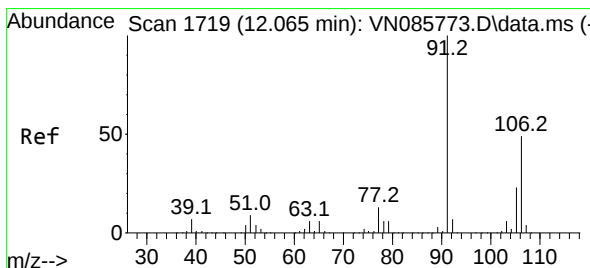
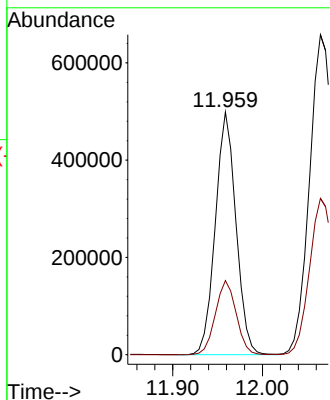
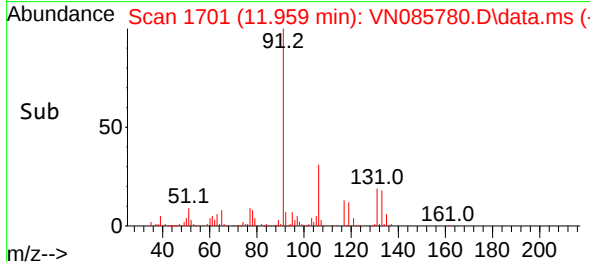
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



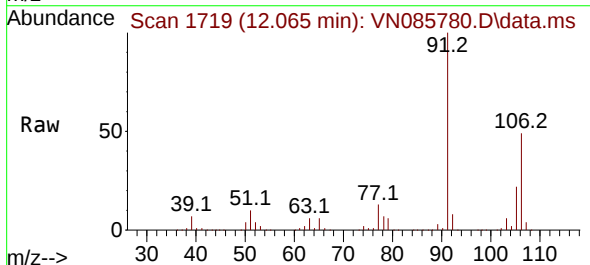
Tgt Ion: 91 Resp: 797025
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

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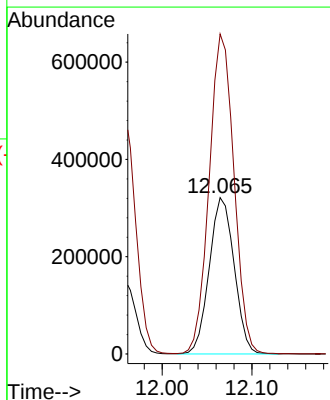
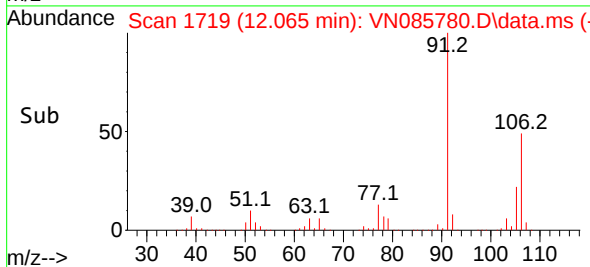
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

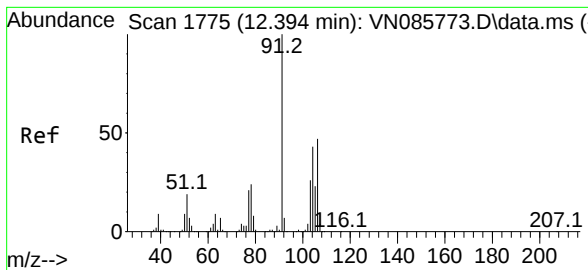


#68
m/p-Xylenes
Concen: 99.562 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



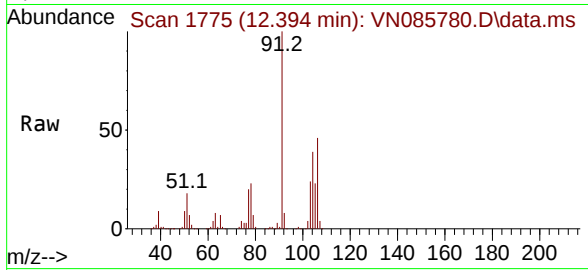
Tgt Ion:106 Resp: 619505
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9





#69
o-Xylene
Concen: 49.837 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

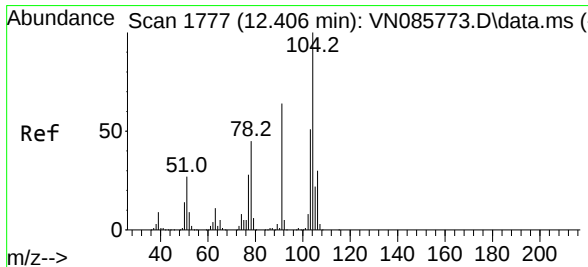
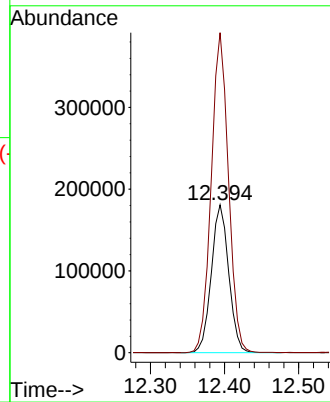
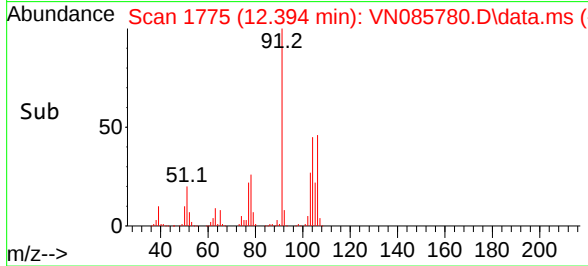
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion:106 Resp: 294679
Ion Ratio Lower Upper
106 100
91 214.7 107.1 321.4

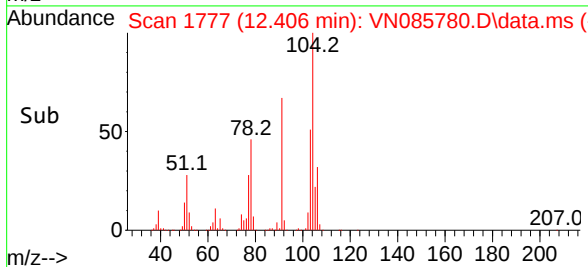
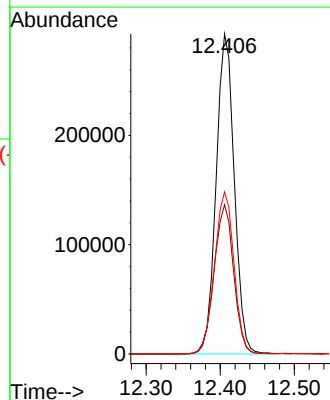
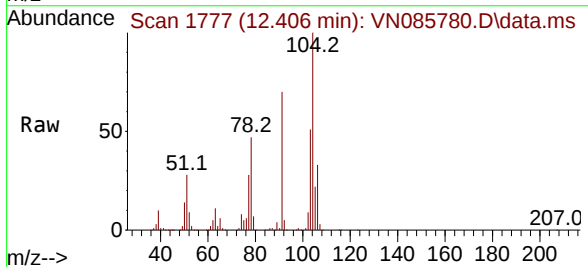
Manual Integrations
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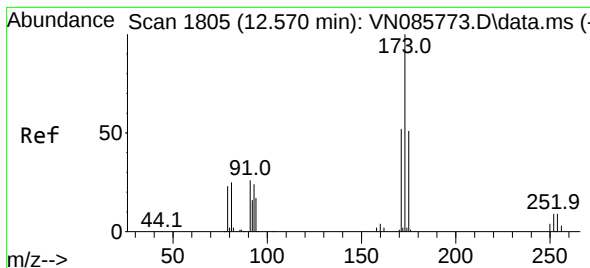
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 45.726 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

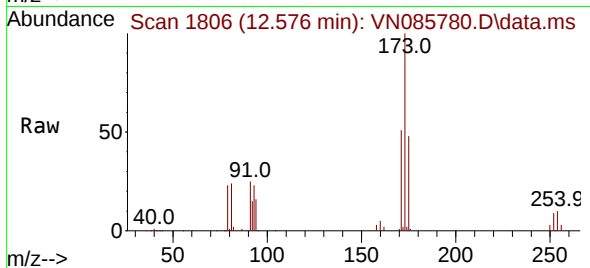
Tgt Ion:104 Resp: 498501
Ion Ratio Lower Upper
104 100
78 50.3 39.0 58.6
103 54.7 43.3 64.9





#71
Bromoform
Concen: 46.617 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

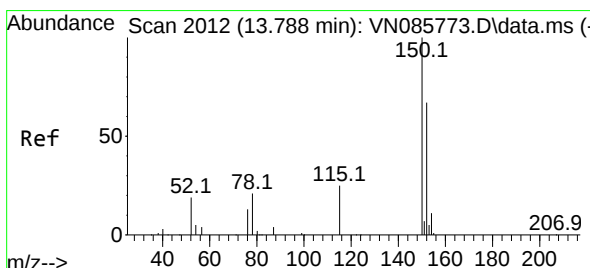
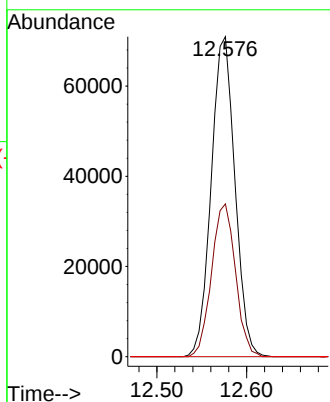
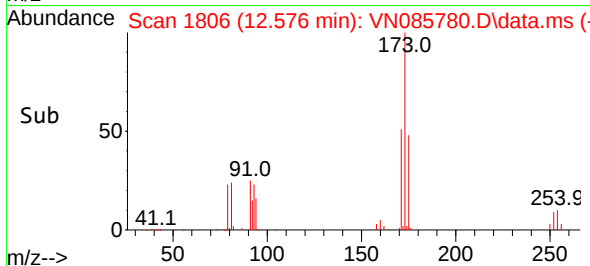
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



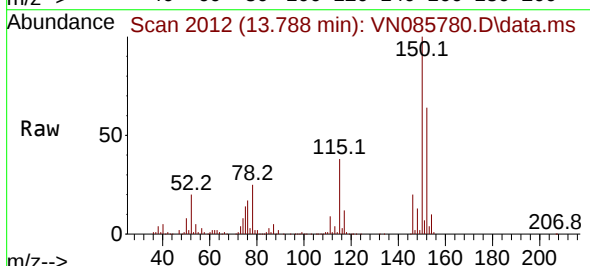
Tgt Ion:173 Resp: 13020
Ion Ratio Lower Upper
173 100
175 48.1 25.1 75.4
254 0.0 0.0 0.0

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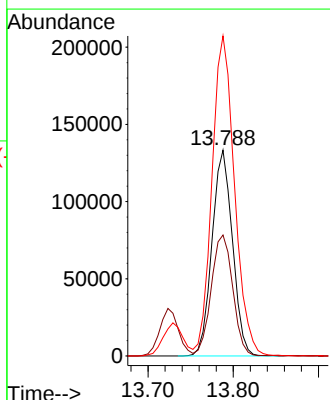
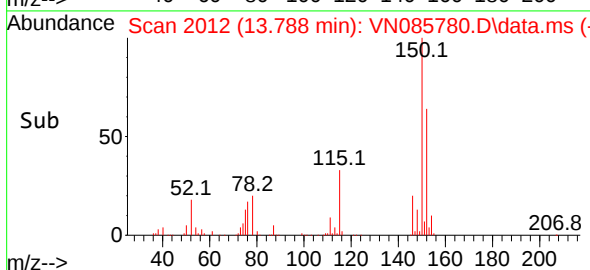
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

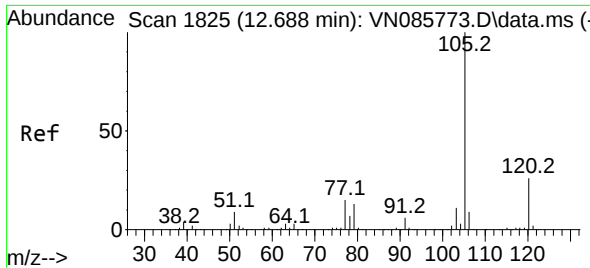


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



Tgt Ion:152 Resp: 222696
Ion Ratio Lower Upper
152 100
115 61.4 30.4 91.3
150 171.4 0.0 345.4





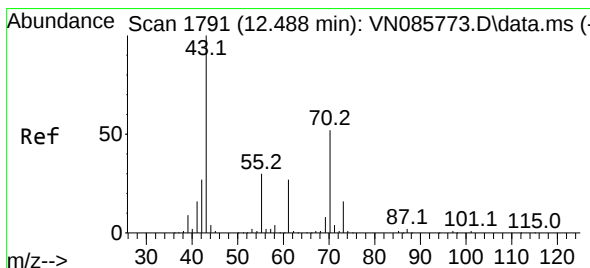
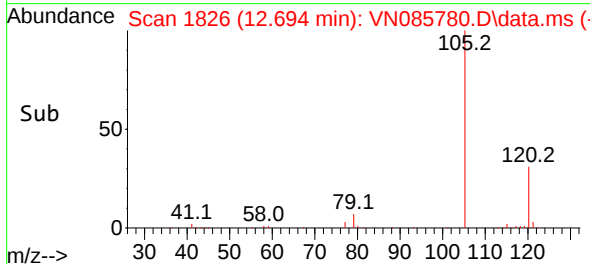
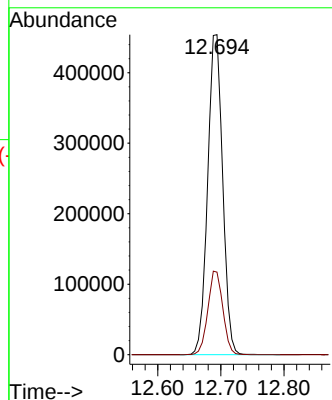
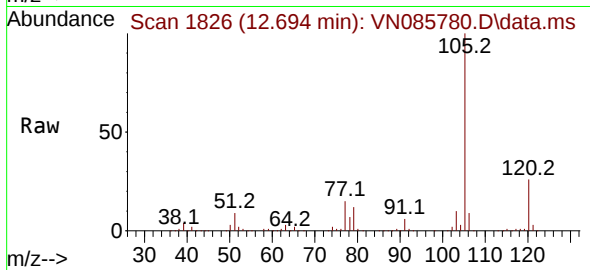
#73
Isopropylbenzene
Concen: 49.002 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825

Tgt Ion:105 Resp: 747608
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

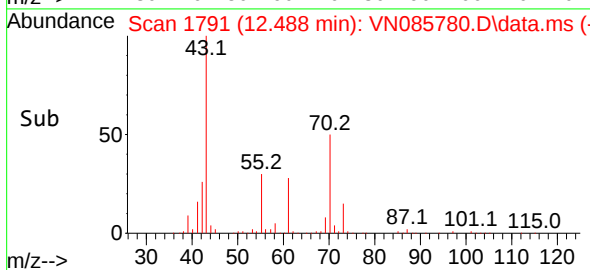
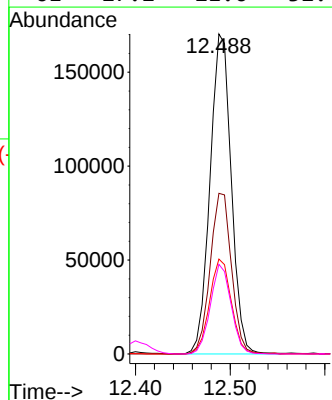
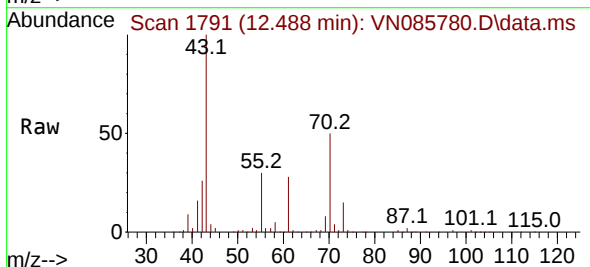
Manual Integrations
APPROVED

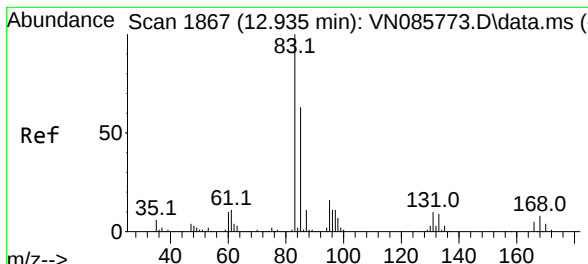
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#74
N-ethyl acetate
Concen: 49.401 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Tgt Ion: 43 Resp: 265786
Ion Ratio Lower Upper
43 100
70 50.4 41.0 61.4
55 30.4 24.6 36.8
61 27.2 21.6 32.4





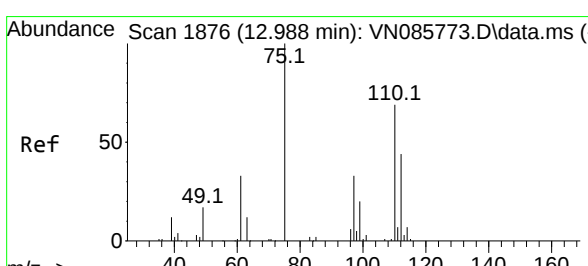
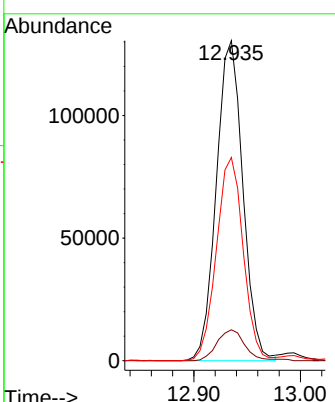
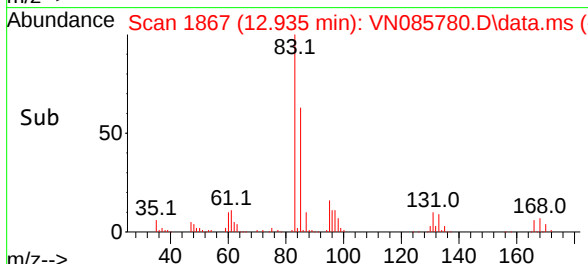
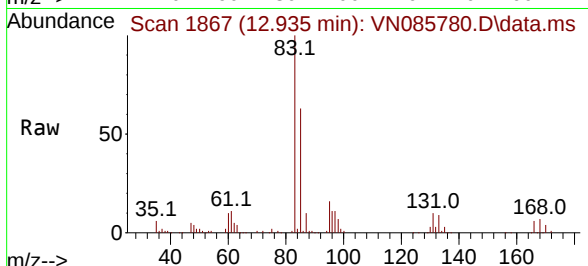
#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.005 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

Instrument : MSVOA_N
 ClientSampleId : ICVVN021825

Tgt Ion: 83 Resp: 225770

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	64.1	32.2	96.6

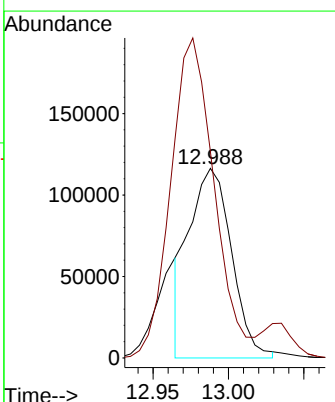
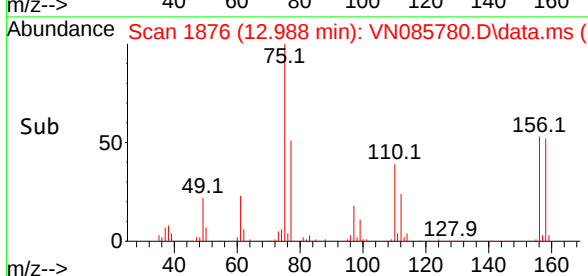
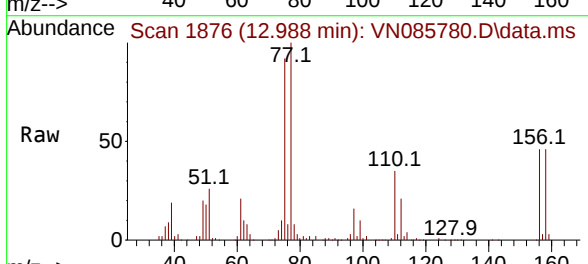
Manual Integrations
APPROVED
 Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

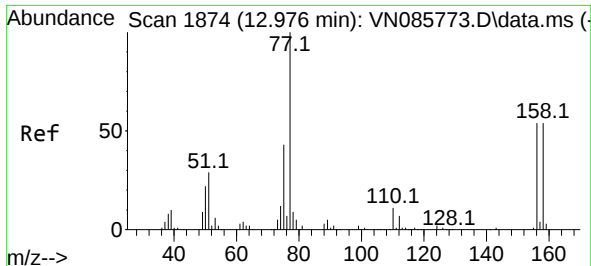


#76
 1,2,3-Trichloropropane
 Concen: 46.070 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

Tgt Ion: 75 Resp: 227901

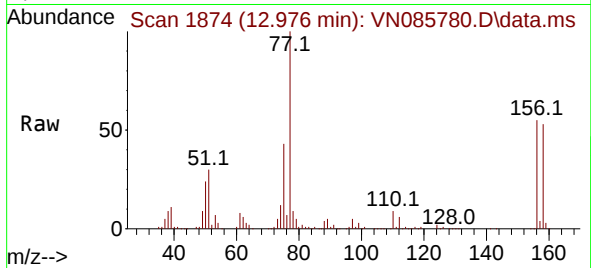
Ion	Ratio	Lower	Upper
75	100		
77	173.0	100.0	300.0





#77
Bromobenzene
Concen: 45.084 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

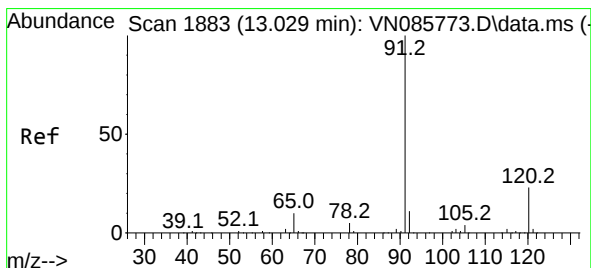
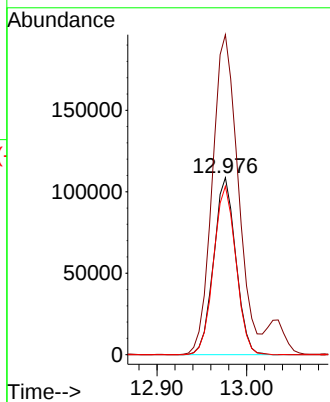
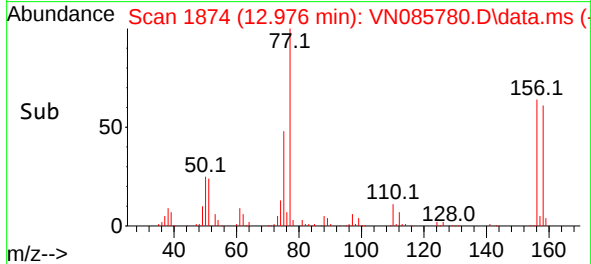
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



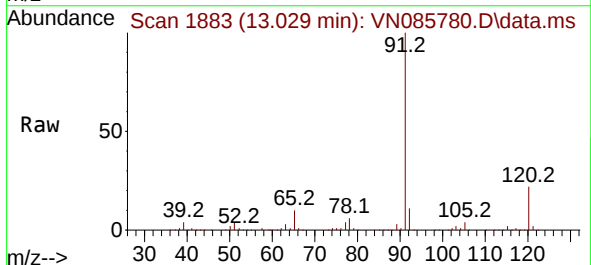
Tgt Ion:156 Resp: 185833
Ion Ratio Lower Upper
156 100
77 212.1 104.1 312.3
158 96.2 48.1 144.4

Manual Integrations
APPROVED

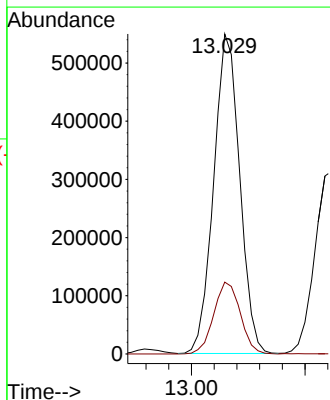
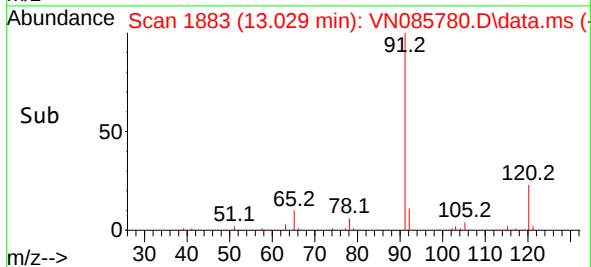
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

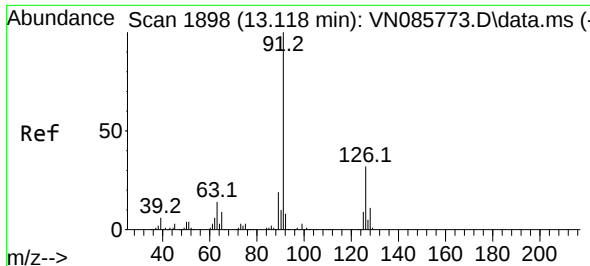


#78
n-propylbenzene
Concen: 49.927 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28



Tgt Ion: 91 Resp: 872362
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.8





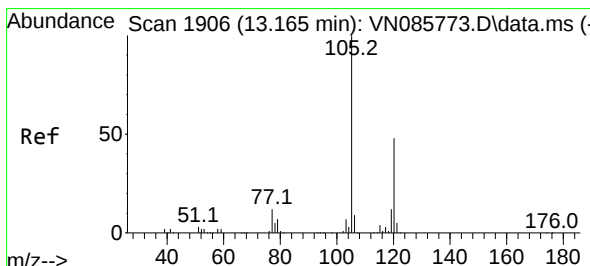
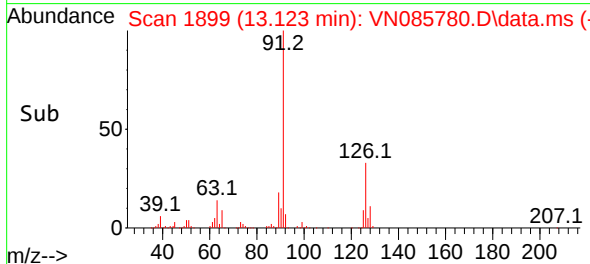
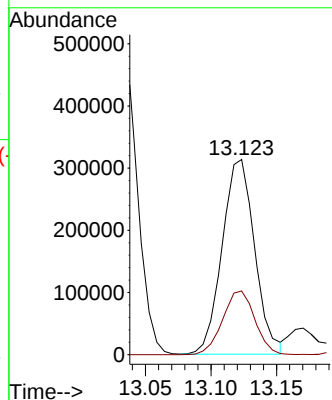
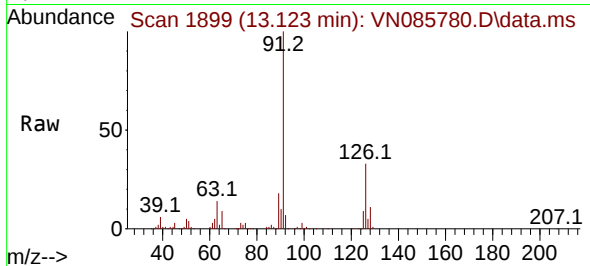
#79
2-Chlorotoluene
Concen: 46.350 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Instrument :
MSVOA_N
ClientSampleId :
ICNVN021825

Tgt Ion: 91 Resp: 54110
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1

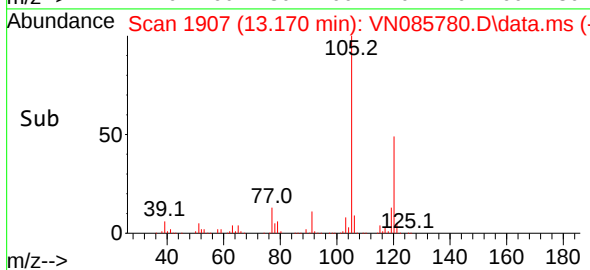
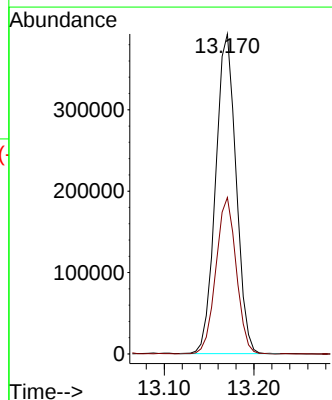
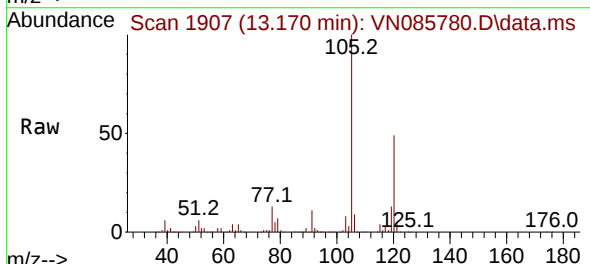
Manual Integrations
APPROVED

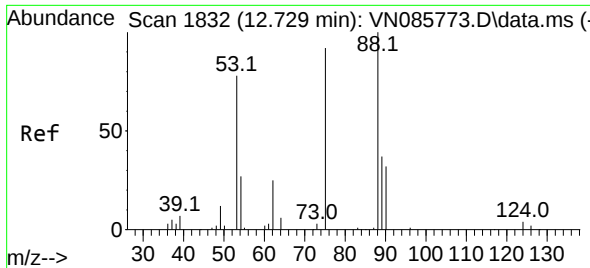
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

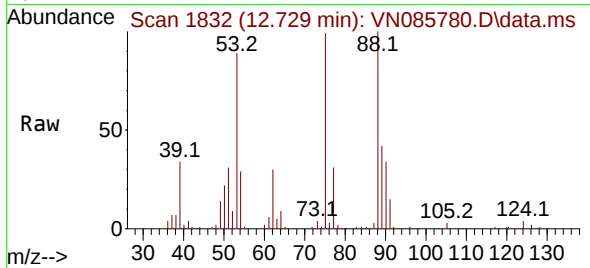
Tgt Ion:105 Resp: 622090
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 47.152 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

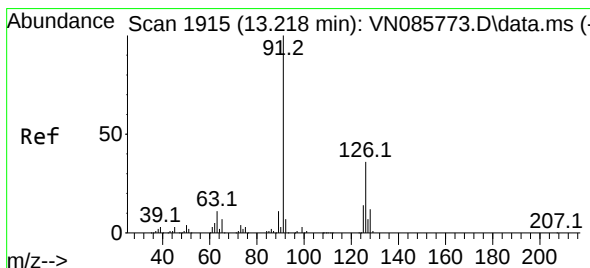
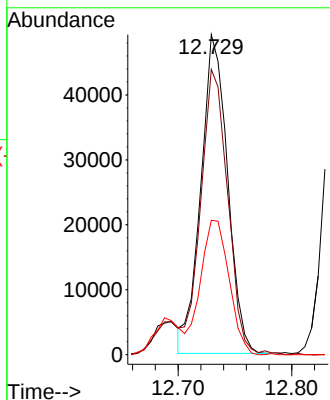
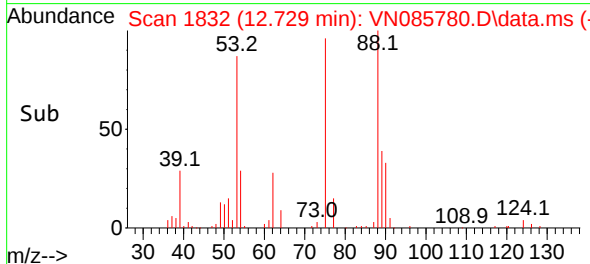
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825



Tgt Ion: 75 Resp: 7994
Ion Ratio Lower Upper
75 100
53 100.7 74.2 111.4
89 45.0 34.9 52.3

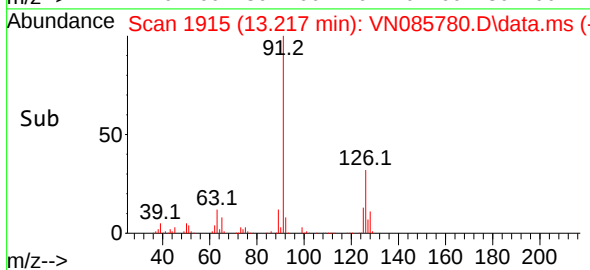
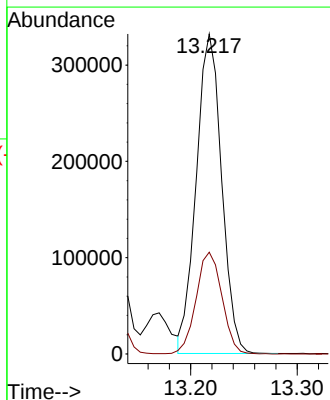
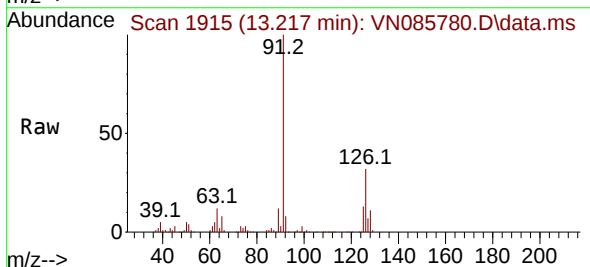
Manual Integrations
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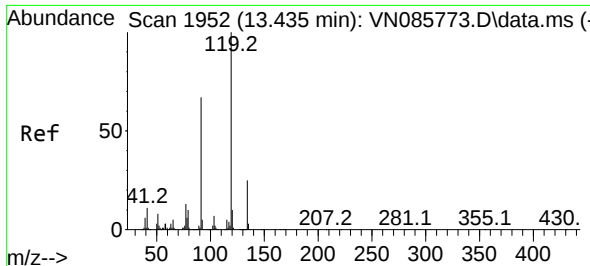
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 47.401 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

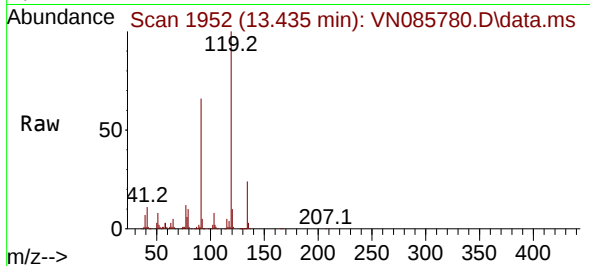
Tgt Ion: 91 Resp: 548585
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 49.904 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

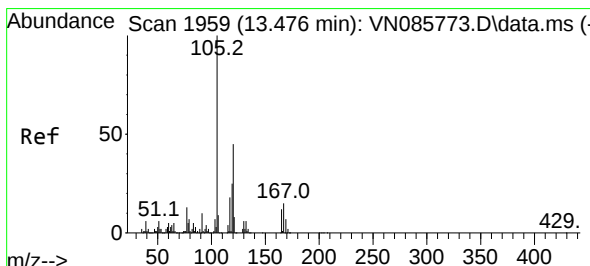
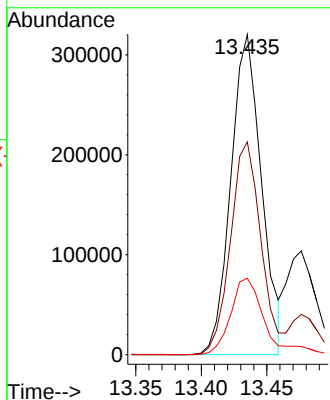
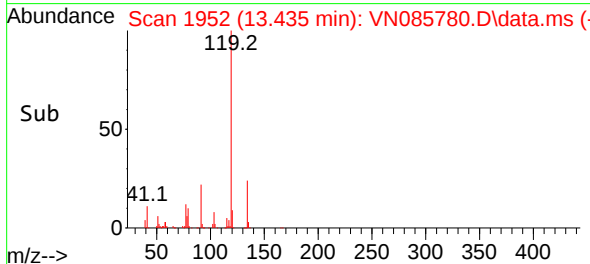
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021825



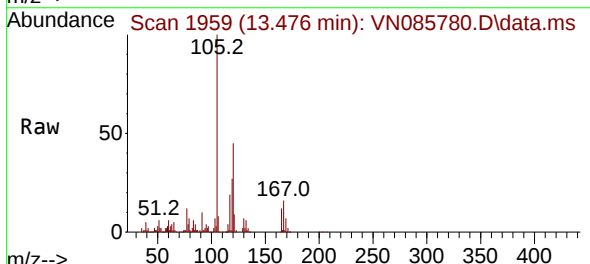
Tgt Ion:119 Resp: 521552
 Ion Ratio Lower Upper
 119 100
 91 66.9 32.5 97.5
 134 26.4 13.3 39.9

Manual Integrations
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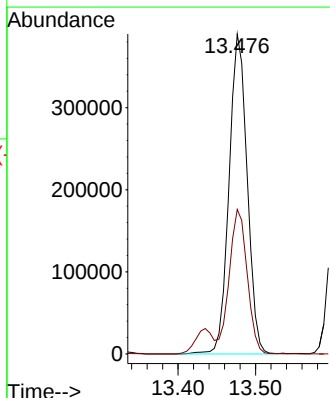
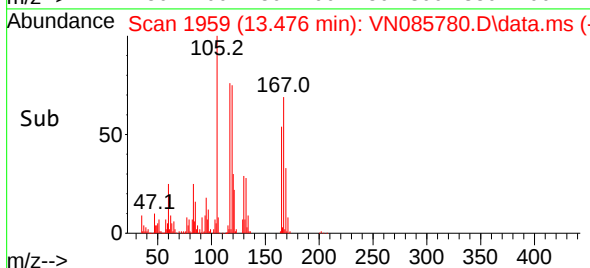
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 51.531 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28



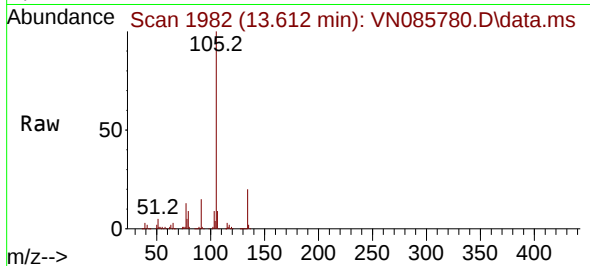
Tgt Ion:105 Resp: 633621
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 49.925 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

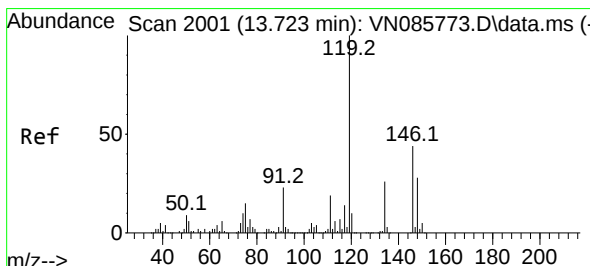
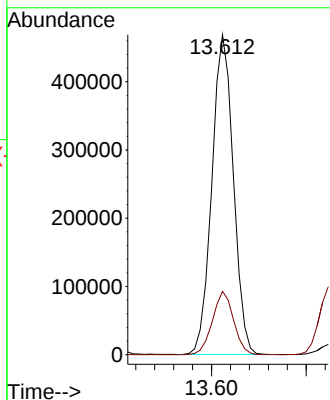
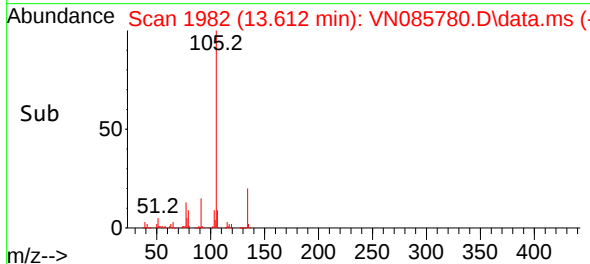
Instrument : MSVOA_N
 ClientSampleId : ICVVN021825



Tgt Ion:105 Resp: 737200
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

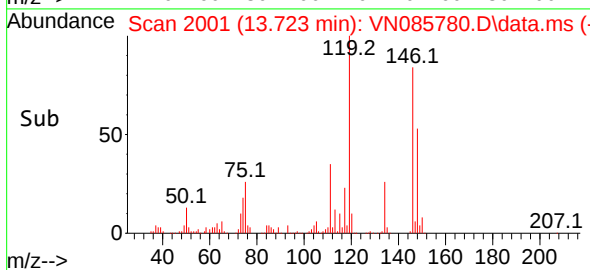
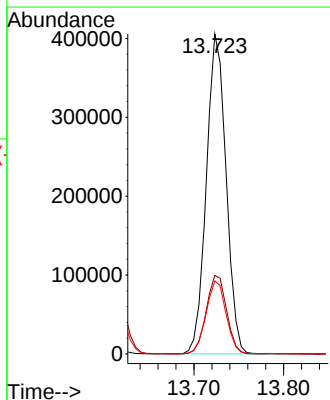
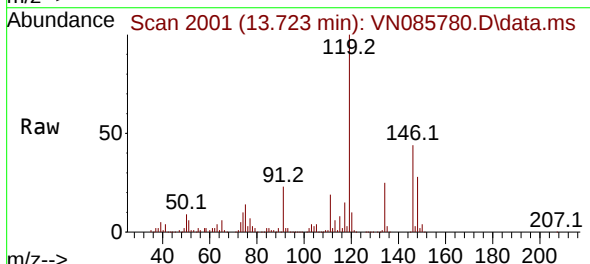
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#86
 p-Isopropyltoluene
 Concen: 46.012 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085780.D
 Acq: 18 Feb 2025 16:28

Tgt Ion:119 Resp: 617918
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 23.1 11.7 35.1





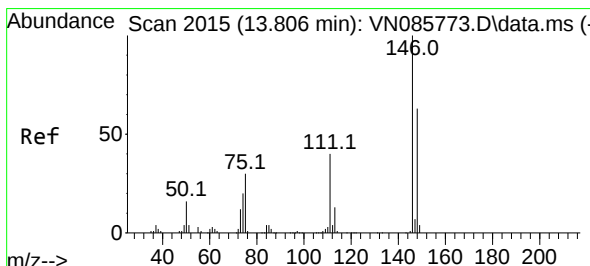
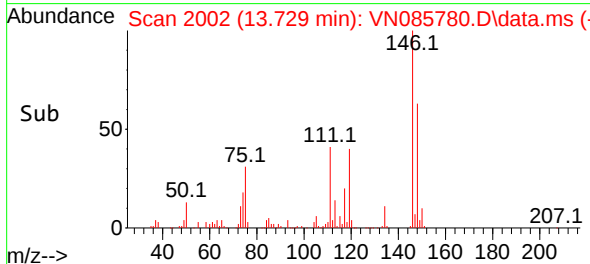
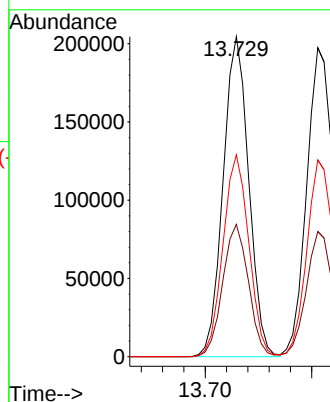
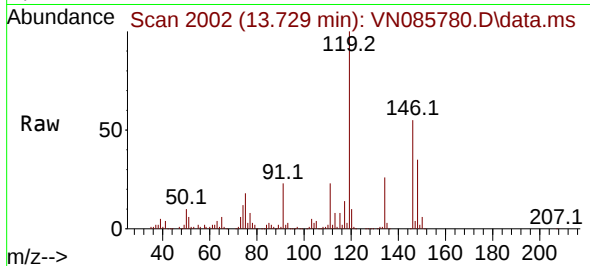
#87
1,3-Dichlorobenzene
Concen: 44.186 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Instrument : MSVOA_N
ClientSampleId : ICVVN021825

Tgt Ion:146 Resp: 341228
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 63.7 32.1 96.5

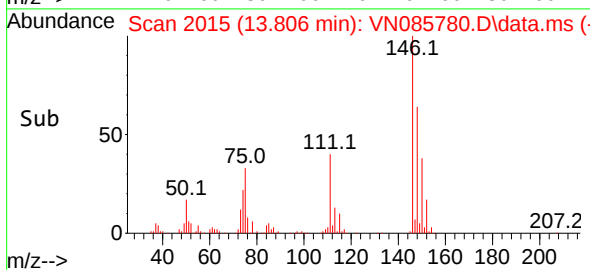
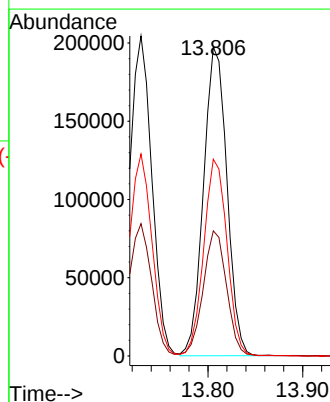
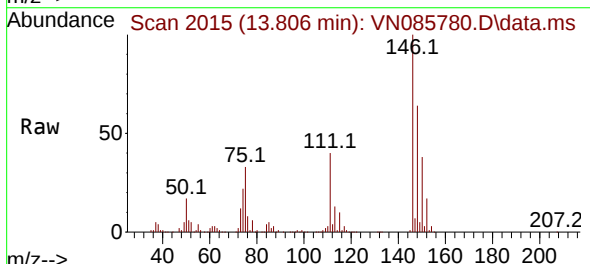
Manual Integrations
APPROVED

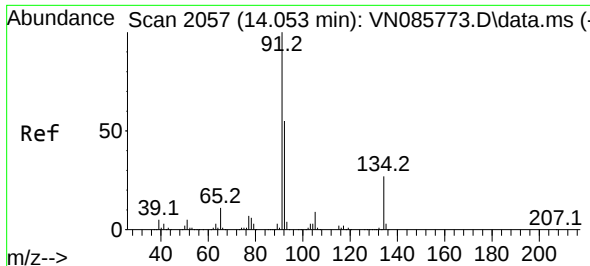
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#88
1,4-Dichlorobenzene
Concen: 42.781 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Tgt Ion:146 Resp: 338619
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 63.6 31.8 95.4





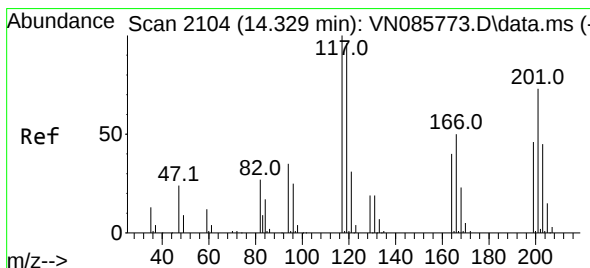
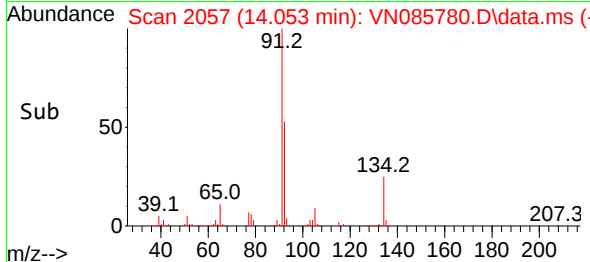
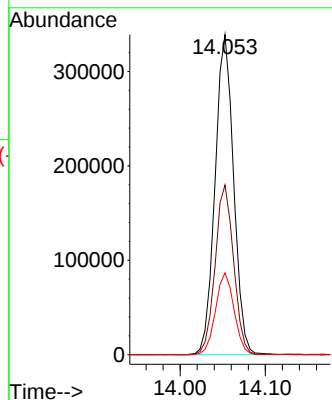
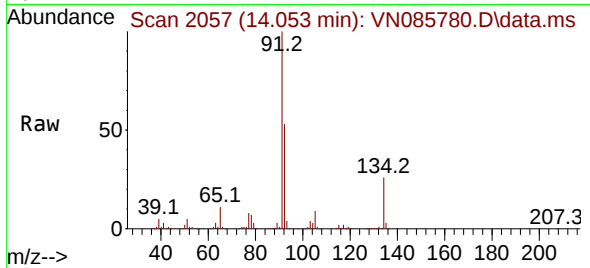
#89
n-Butylbenzene
Concen: 49.015 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Instrument : MSVOA_N
ClientSampleId : ICVVN021825

Tgt Ion: 91 Resp: 51386
Ion Ratio Lower Upper
91 100
92 52.7 27.1 81.3
134 25.5 12.7 38.1

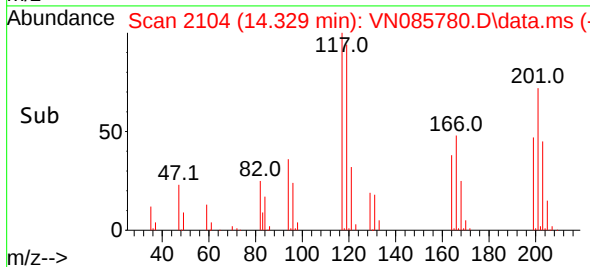
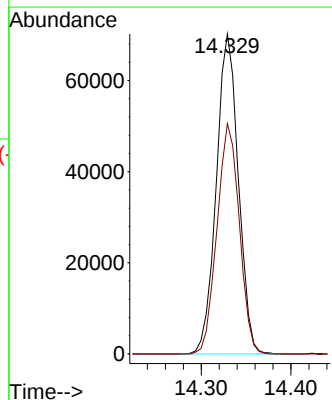
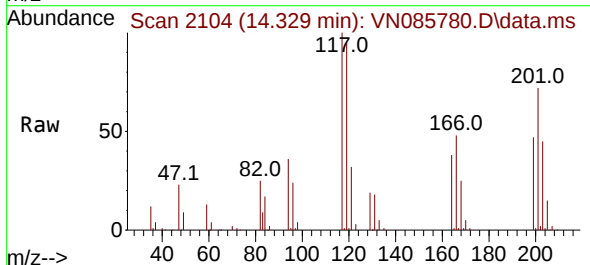
Manual Integrations
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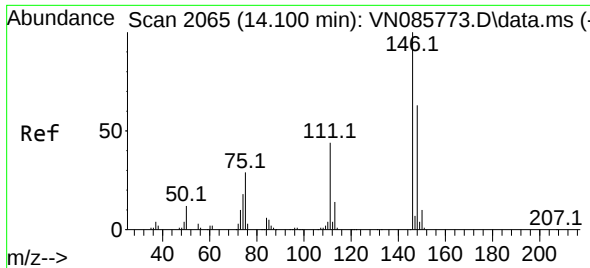
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#90
Hexachloroethane
Concen: 42.828 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Tgt Ion:117 Resp: 119768
Ion Ratio Lower Upper
117 100
201 72.7 35.6 106.9





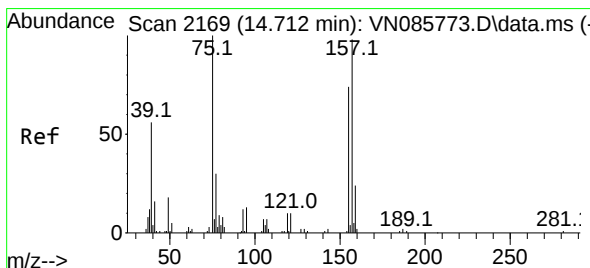
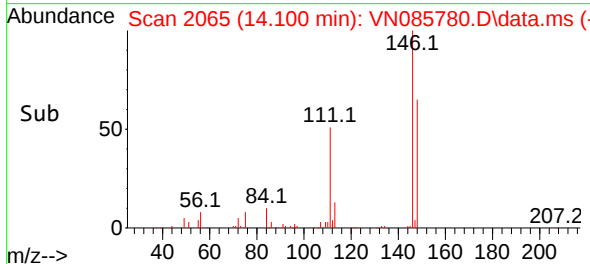
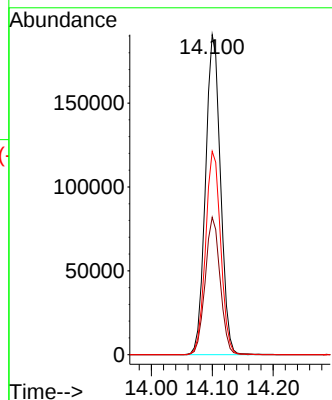
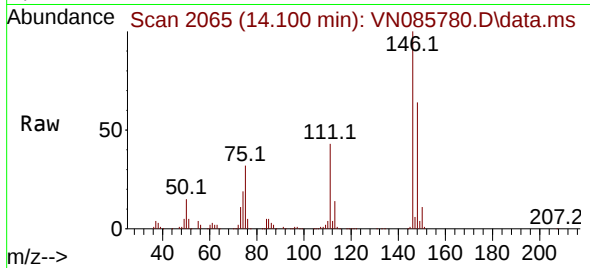
#91
1,2-Dichlorobenzene
Concen: 43.883 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021825

Tgt Ion:146 Resp: 32588
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 64.0 32.0 96.2

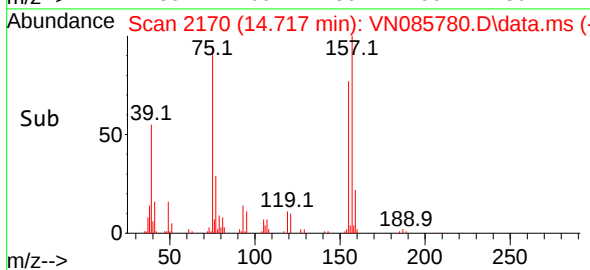
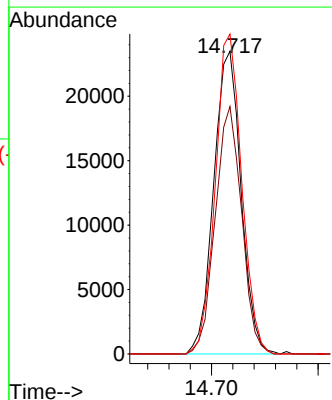
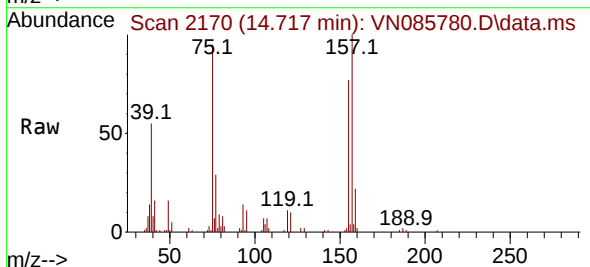
Manual Integrations
APPROVED

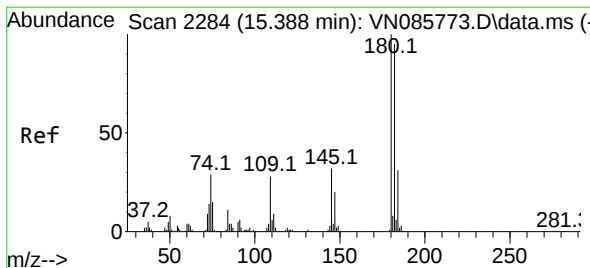
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.396 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Tgt Ion: 75 Resp: 41836
Ion Ratio Lower Upper
75 100
155 78.9 39.9 119.6
157 102.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 45.640 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021825

Tgt Ion:180 Resp: 16150

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

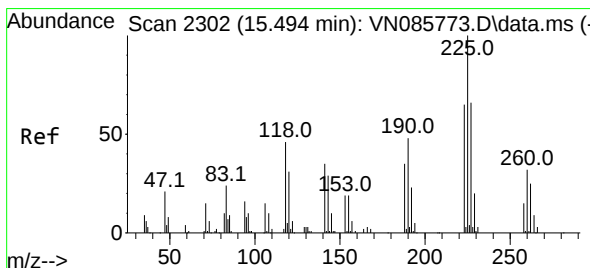
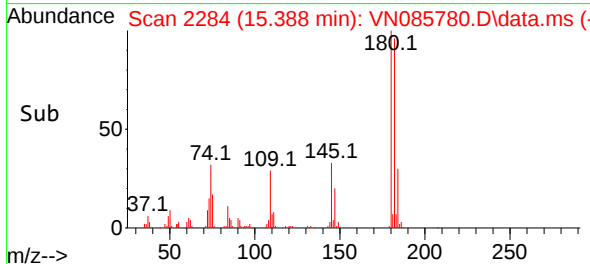
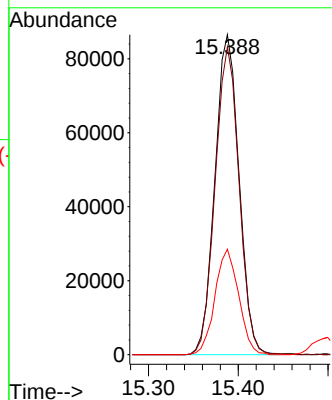
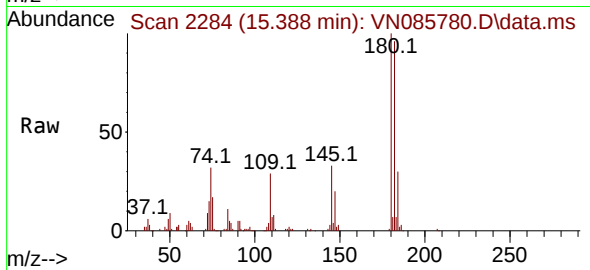
145 32.4 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#94

Hexachlorobutadiene

Concen: 39.087 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.000 min

Lab File: VN085780.D

Acq: 18 Feb 2025 16:28

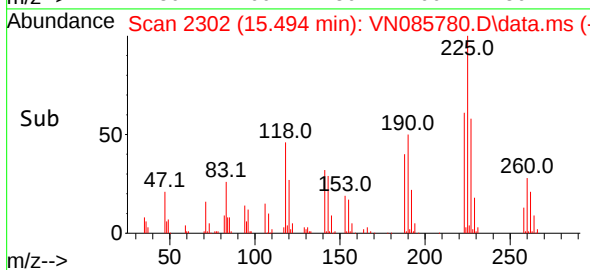
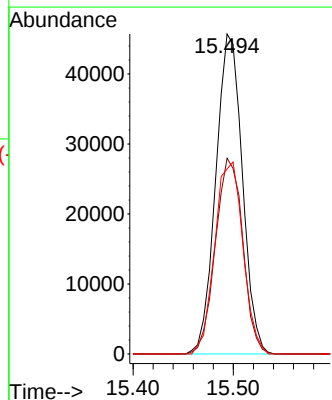
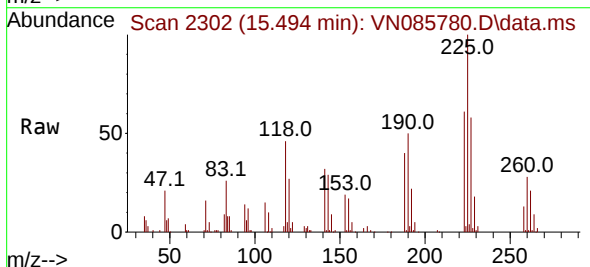
Tgt Ion:225 Resp: 84060

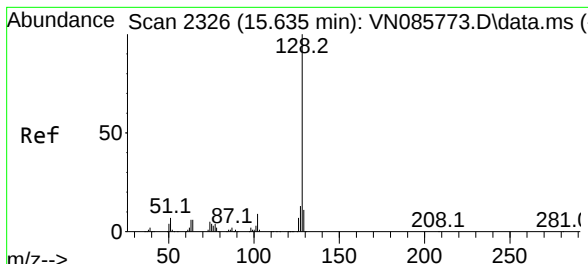
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.5

227 63.8 32.2 96.6





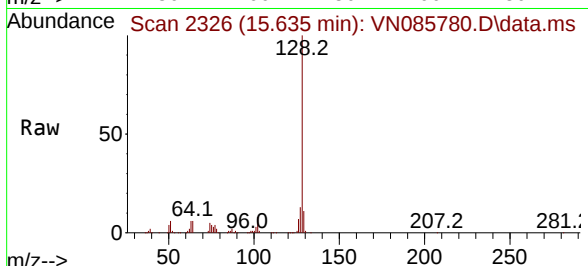
#95
Naphthalene
Concen: 50.167 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021825



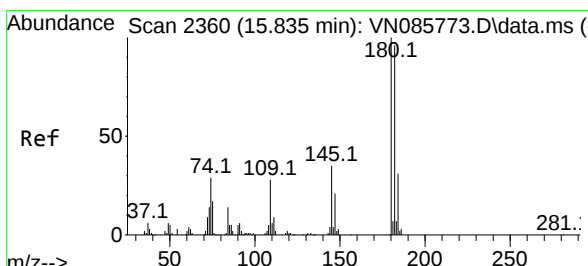
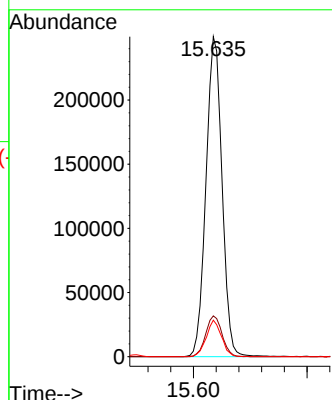
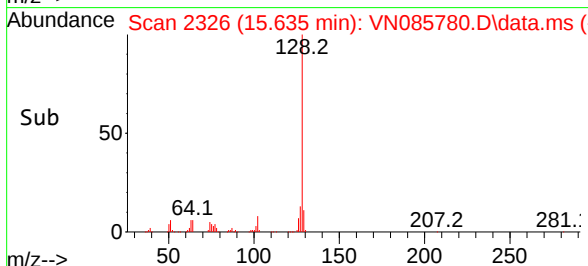
Tgt Ion:128 Resp: 487372
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.593 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085780.D
Acq: 18 Feb 2025 16:28

Tgt Ion:180 Resp: 158416
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.8
145 34.6 16.9 50.6

