

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021925\
 Data File : VN085782.D
 Acq On : 19 Feb 2025 10:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2025
 Supervised By : Mahesh Dadoda 02/20/2025

Quant Time: Feb 20 00:44:28 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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	338951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	542050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	475442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	234508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	218995	49.835	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	8.159	113	187631	52.900	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.800%		
50) Toluene-d8	10.559	98	705762	54.690	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.380%		
62) 4-Bromofluorobenzene	12.841	95	241495	56.798	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	113.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	233633	50.675	ug/l	99
3) Chloromethane	2.360	50	219128	47.365	ug/l	98
4) Vinyl Chloride	2.518	62	236409	48.263	ug/l	100
5) Bromomethane	2.959	94	151185	48.269	ug/l	91
6) Chloroethane	3.124	64	148043	45.628	ug/l	99
7) Trichlorofluoromethane	3.501	101	347969	49.065	ug/l	99
8) Diethyl Ether	3.959	74	115104	50.161	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	207085	50.515	ug/l	99
10) Methyl Iodide	4.589	142	255381	50.538	ug/l	99
11) Tert butyl alcohol	5.500	59	121703	225.177	ug/l	100
12) 1,1-Dichloroethene	4.342	96	189384	50.950	ug/l	98
13) Acrolein	4.171	56	164497	205.238	ug/l	97
14) Allyl chloride	5.018	41	247476	50.710	ug/l	98
15) Acrylonitrile	5.706	53	418409	238.131	ug/l	99
16) Acetone	4.412	43	382246	274.906	ug/l	99
17) Carbon Disulfide	4.712	76	523425	47.514	ug/l	99
18) Methyl Acetate	5.012	43	214186	44.785	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	590636	53.473	ug/l	95
20) Methylene Chloride	5.271	84	212867	47.605	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	201430	50.327	ug/l	95
22) Diisopropyl ether	6.665	45	590936	53.588	ug/l	98
23) Vinyl Acetate	6.595	43	1973940	261.433	ug/l	99
24) 1,1-Dichloroethane	6.559	63	370904	49.478	ug/l	99
25) 2-Butanone	7.471	43	522422	255.385	ug/l	97
26) 2,2-Dichloropropane	7.483	77	336386	50.464	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	238225	51.333	ug/l	100
28) Bromochloromethane	7.806	49	179247	58.177	ug/l	98
29) Tetrahydrofuran	7.830	42	329843	249.701	ug/l	100
30) Chloroform	7.959	83	384871	49.129	ug/l	99
31) Cyclohexane	8.253	56	302945	48.266	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	347439	49.863	ug/l	99
36) 1,1-Dichloropropene	8.365	75	270378	53.862	ug/l	99
37) Ethyl Acetate	7.553	43	204009	49.384	ug/l	100
38) Carbon Tetrachloride	8.353	117	308070	51.650	ug/l	98
39) Methylcyclohexane	9.594	83	293698	59.556	ug/l	99
40) Benzene	8.600	78	843620	52.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	115379	52.247	ug/l	96
42) 1,2-Dichloroethane	8.665	62	269061	51.342	ug/l	100
43) Isopropyl Acetate	8.683	43	358728	49.475	ug/l	98
44) Trichloroethene	9.347	130	204423	51.748	ug/l	100
45) 1,2-Dichloropropane	9.612	63	205345	52.875	ug/l	98
46) Dibromomethane	9.700	93	139963	51.094	ug/l	100
47) Bromodichloromethane	9.883	83	303915	51.856	ug/l	98
48) Methyl methacrylate	9.671	41	168275	54.849	ug/l	100
49) 1,4-Dioxane	9.688	88	62004	1062.788	ug/l	96
51) 4-Methyl-2-Pentanone	10.435	43	1038482	260.736	ug/l	100
52) Toluene	10.624	92	528579	56.046	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	301562	55.646	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	331906	55.852	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	192948	51.456	ug/l	98
56) Ethyl methacrylate	10.865	69	283390	52.271	ug/l	96
57) 1,3-Dichloropropane	11.159	76	326423	52.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	578323	268.736	ug/l	99
59) 2-Hexanone	11.188	43	762537	278.298	ug/l	99
60) Dibromochloromethane	11.353	129	235675	53.975	ug/l	99
61) 1,2-Dibromoethane	11.465	107	186097	52.526	ug/l	99
64) Tetrachloroethene	11.100	164	197369	53.585	ug/l	95
65) Chlorobenzene	11.888	112	566074	51.973	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.953	131	203016	51.858	ug/l	99
67) Ethyl Benzene	11.959	91	979695	57.422	ug/l	99
68) m/p-Xylenes	12.065	106	771390	119.029	ug/l	99
69) o-Xylene	12.394	106	360455	58.531	ug/l	100
70) Styrene	12.406	104	611865	53.048	ug/l	98
71) Bromoform	12.571	173	153417	52.740	ug/l #	98
73) Isopropylbenzene	12.688	105	919415	57.227	ug/l	100
74) N-amyl acetate	12.488	43	297533	52.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.929	83	248121	44.880	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	220059m	42.244	ug/l	
77) Bromobenzene	12.976	156	223481	51.487	ug/l	98
78) n-propylbenzene	13.029	91	1081269	58.766	ug/l	100
79) 2-Chlorotoluene	13.118	91	664931	54.088	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	780468	59.635	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	93397	52.313	ug/l	95
82) 4-Chlorotoluene	13.218	91	675694	55.443	ug/l	100
83) tert-Butylbenzene	13.435	119	658173	59.805	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	778821	60.149	ug/l	100
85) sec-Butylbenzene	13.612	105	922480	59.326	ug/l	100
86) p-Isopropyltoluene	13.723	119	777520	54.162	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	419991	51.645	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	416682	49.992	ug/l	99
89) n-Butylbenzene	14.053	91	658902	59.684	ug/l	99
90) Hexachloroethane	14.329	117	145854	49.529	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	399598	51.099	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	43877	43.220	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	196605	52.761	ug/l	99
94) Hexachlorobutadiene	15.494	225	105741	46.692	ug/l	99
95) Naphthalene	15.635	128	532789	52.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.829	180	187463	50.111	ug/l	99

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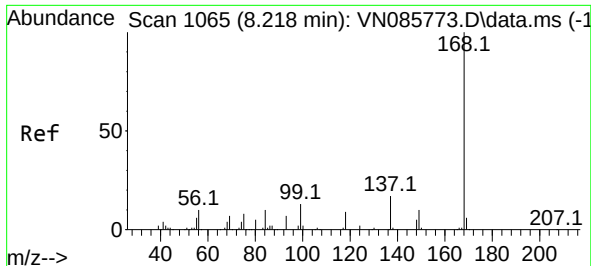
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

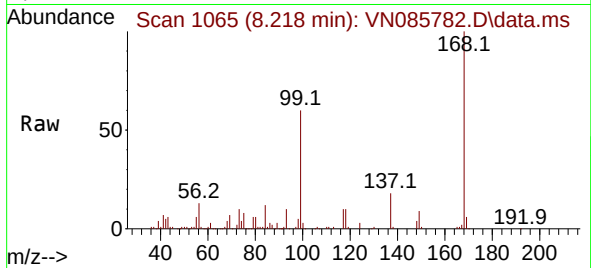
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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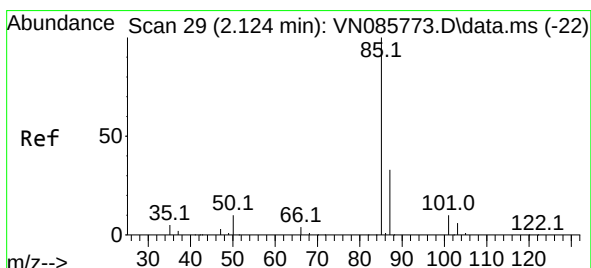
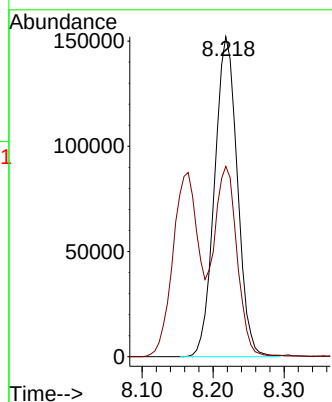
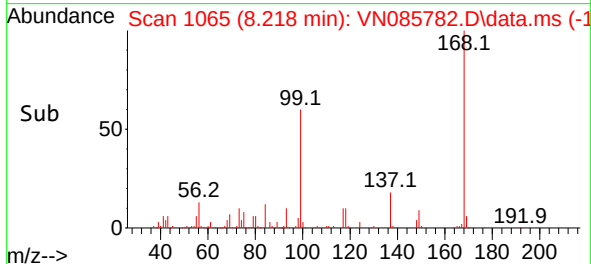
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



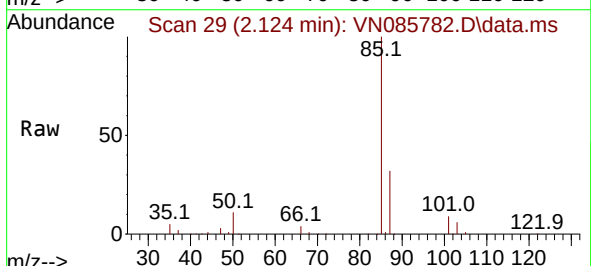
Tgt Ion:168 Resp: 33895
Ion Ratio Lower Upper
168 100
99 59.1 47.9 71.9

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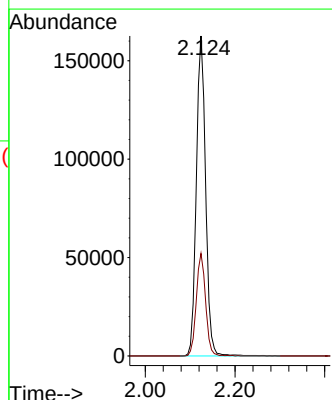
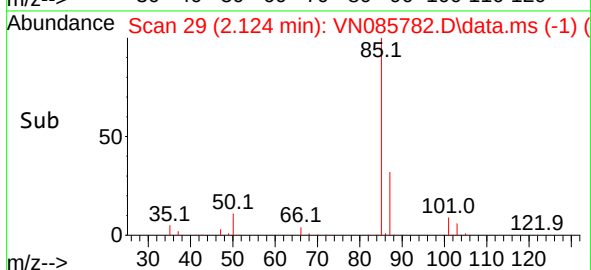
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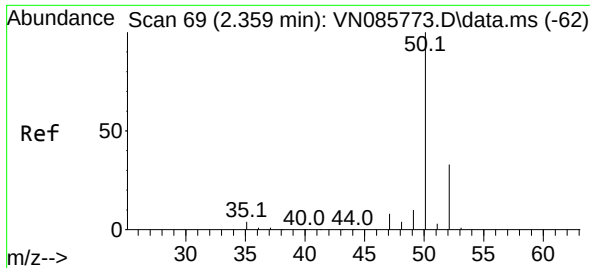


#2
Dichlorodifluoromethane
Concen: 50.675 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



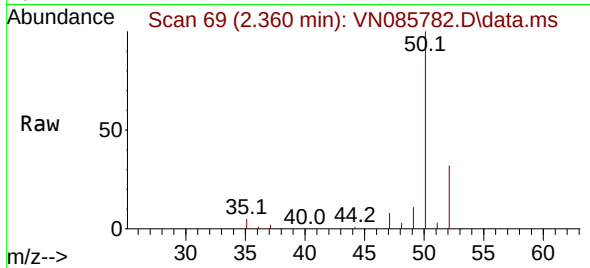
Tgt Ion: 85 Resp: 233633
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.2





#3
Chloromethane
Concen: 47.365 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

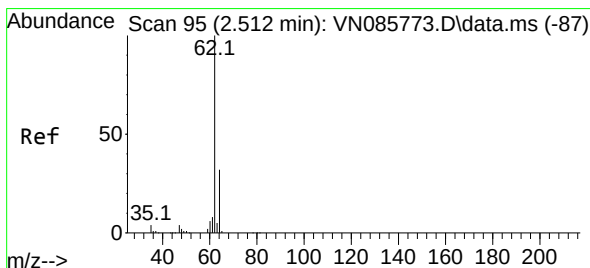
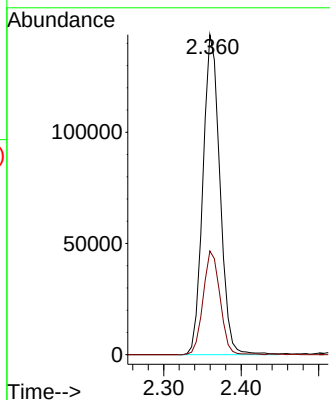
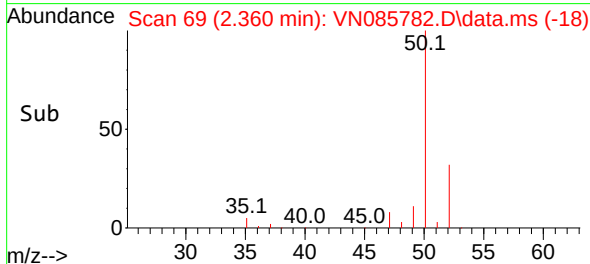
Instrument :
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Tgt Ion: 50 Resp: 219128
Ion Ratio Lower Upper
50 100
52 32.4 26.7 40.1

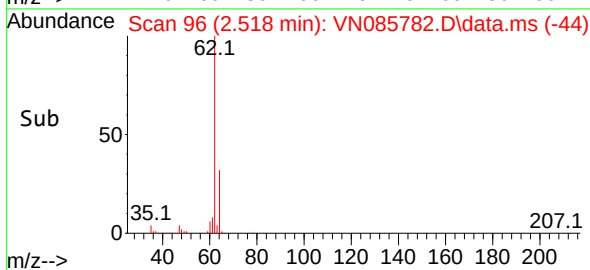
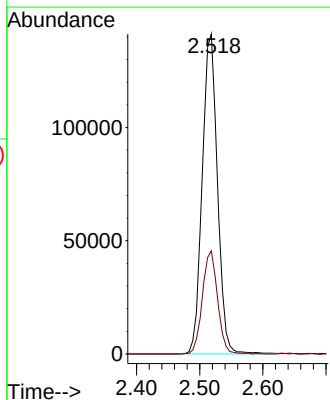
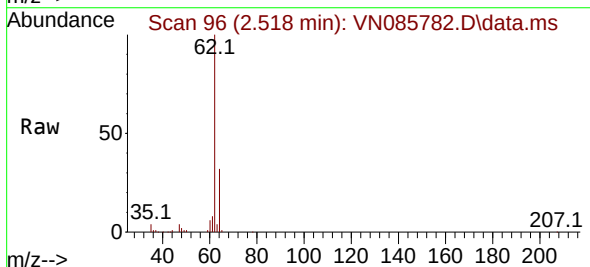
Manual Integrations
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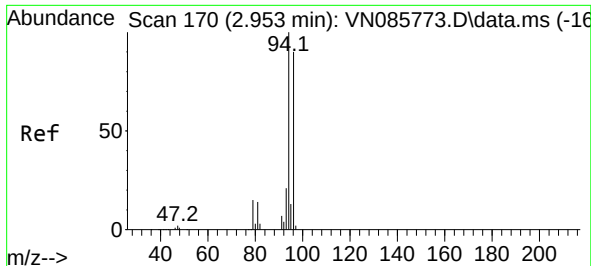
Reviewed By :John Carlone 02/20/2025
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#4
Vinyl Chloride
Concen: 48.263 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085782.D
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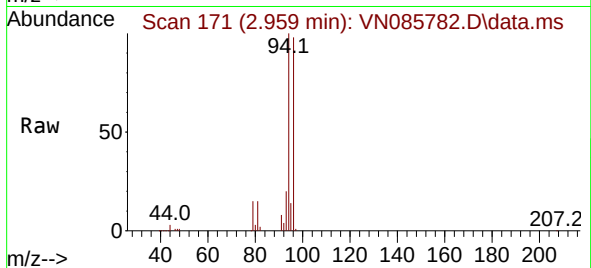
Tgt Ion: 62 Resp: 236409
Ion Ratio Lower Upper
62 100
64 32.2 25.9 38.9





#5
Bromomethane
Concen: 48.269 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085782.D
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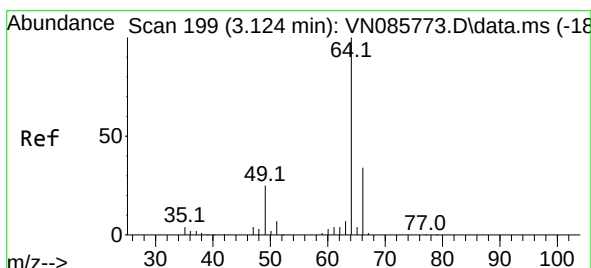
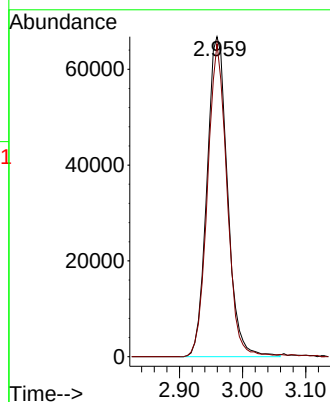
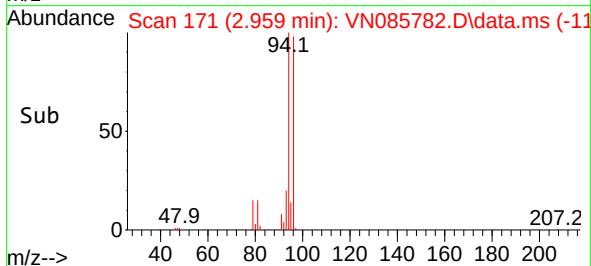
Instrument :
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Tgt Ion: 94 Resp: 15118
Ion Ratio Lower Upper
94 100
96 97.8 71.7 107.5

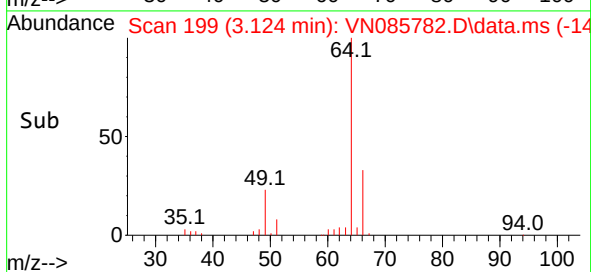
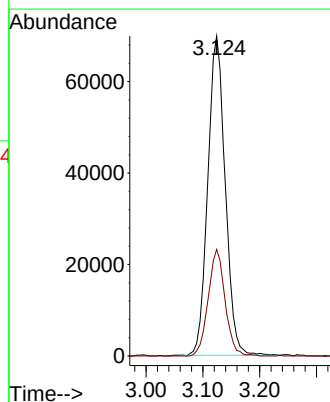
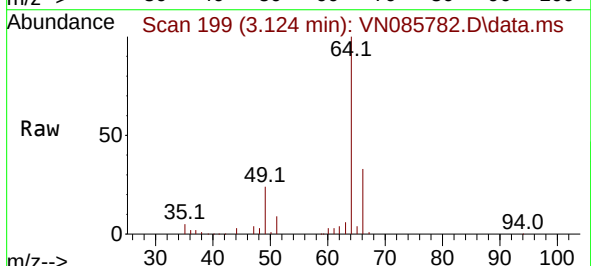
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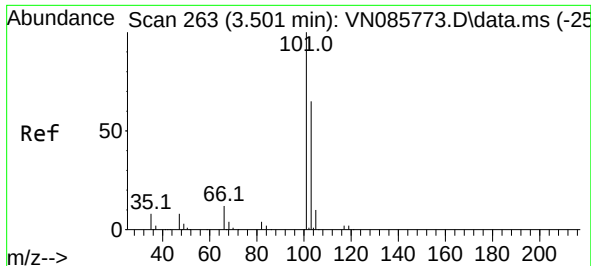
Reviewed By :John Carlone 02/20/2025
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#6
Chloroethane
Concen: 45.628 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085782.D
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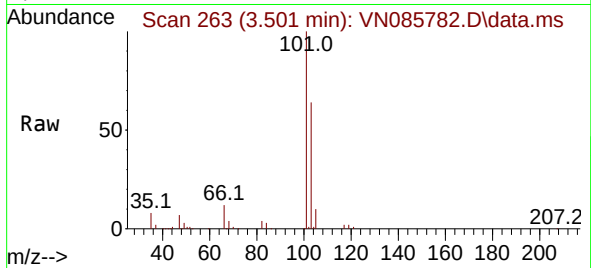
Tgt Ion: 64 Resp: 148043
Ion Ratio Lower Upper
64 100
66 33.4 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 49.065 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085782.D
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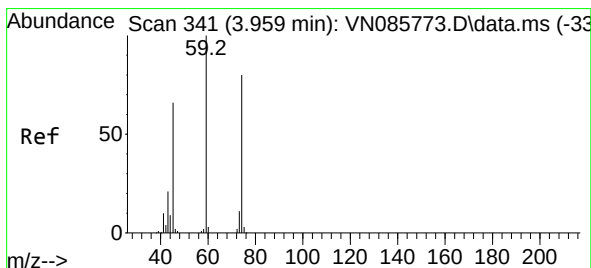
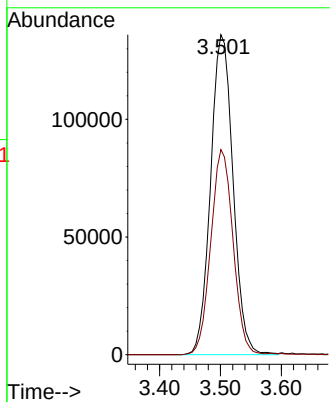
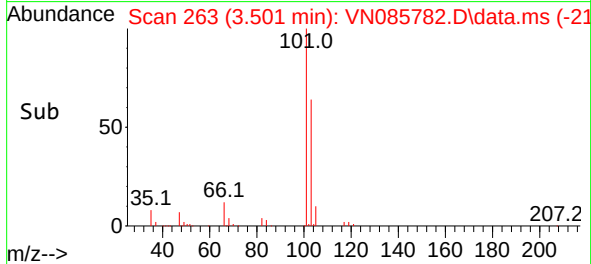
Instrument :
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Tgt Ion:101 Resp: 347969
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.4

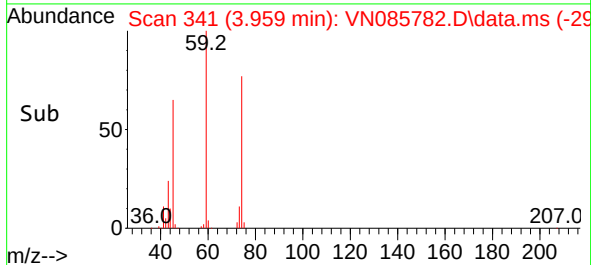
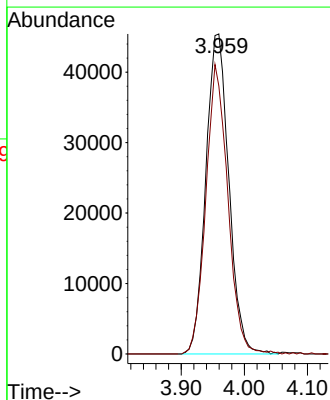
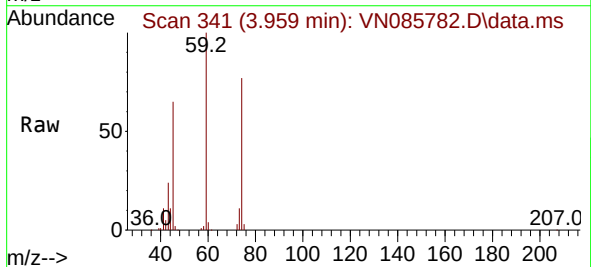
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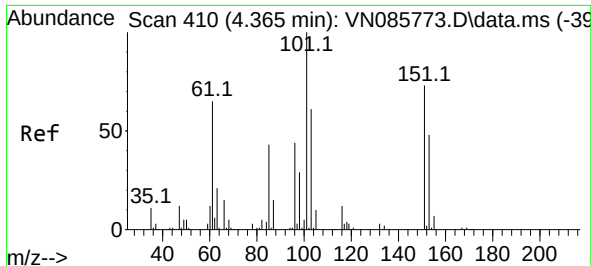
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#8
 Diethyl Ether
 Concen: 50.161 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 115104
 Ion Ratio Lower Upper
 74 100
 45 86.4 42.5 127.6





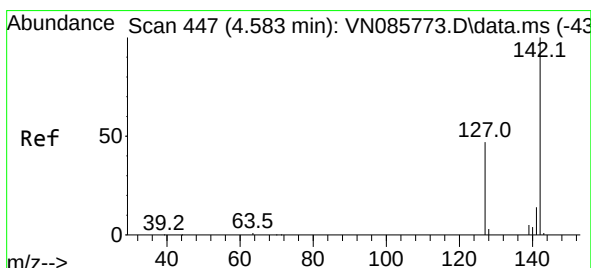
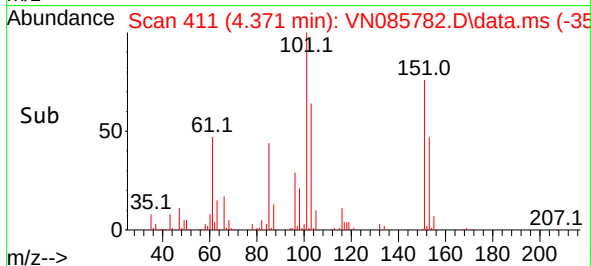
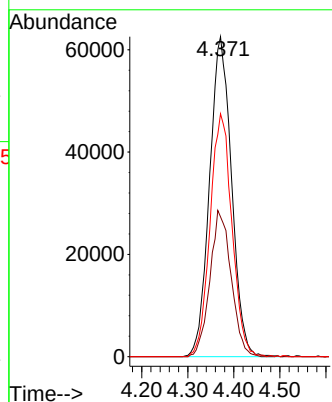
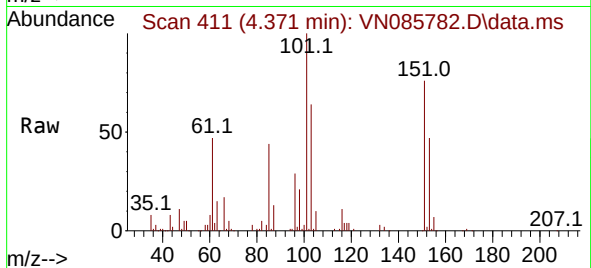
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.515 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085782.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 207085
Ion Ratio Lower Upper
101 100
85 44.1 35.7 53.5
151 75.7 61.4 92.2

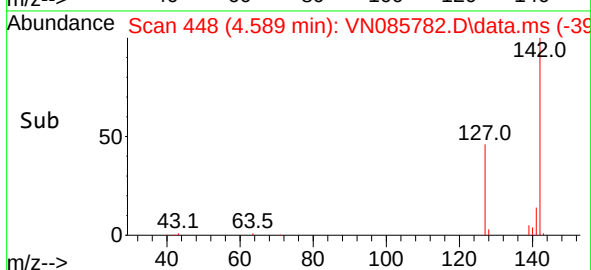
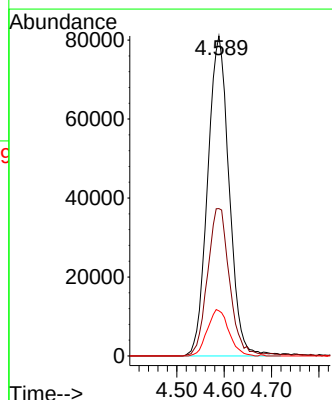
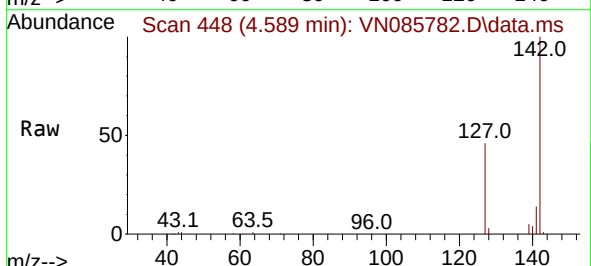
Manual Integrations
APPROVED

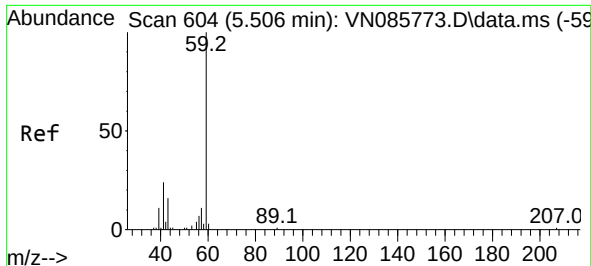
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#10
Methyl Iodide
Concen: 50.538 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

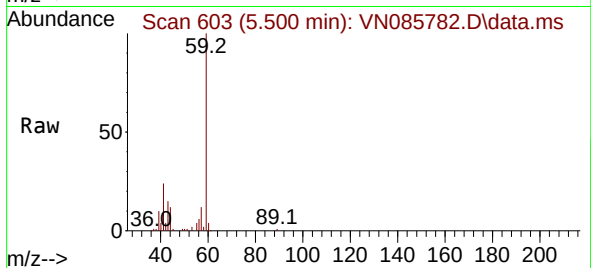
Tgt Ion:142 Resp: 255381
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 225.177 ug/l
RT: 5.500 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

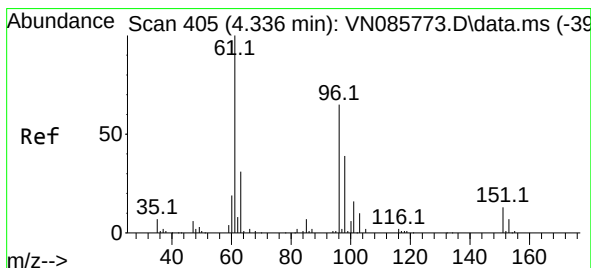
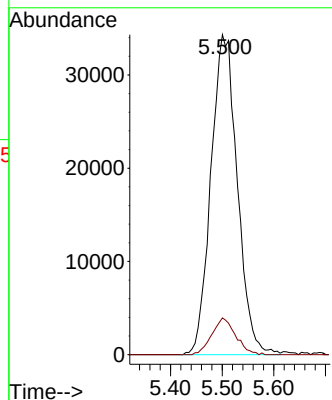
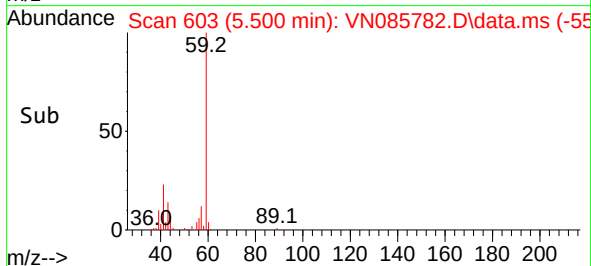
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



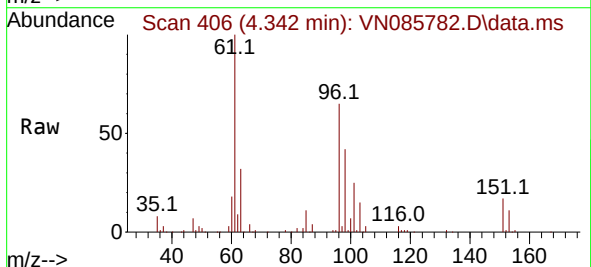
Tgt Ion: 59 Resp: 12170
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

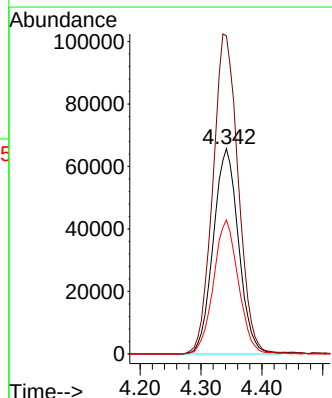
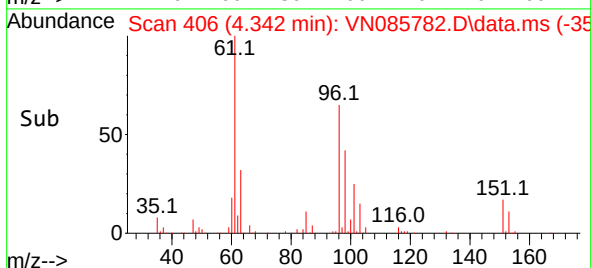
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

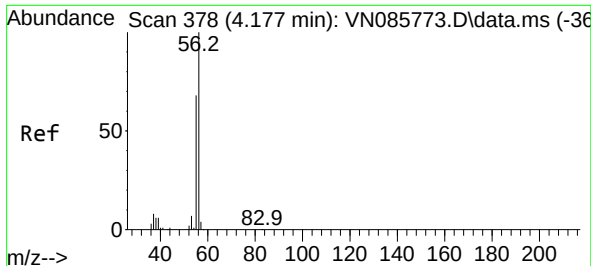


#12
1,1-Dichloroethene
Concen: 50.950 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



Tgt Ion: 96 Resp: 189384
Ion Ratio Lower Upper
96 100
61 154.8 123.3 184.9
98 65.1 48.6 72.8





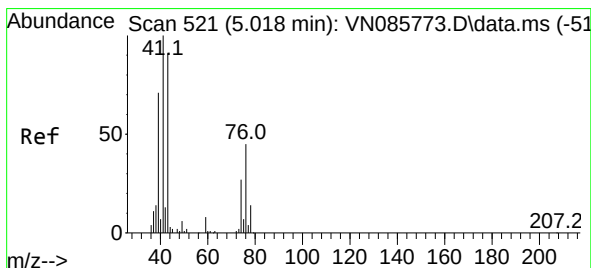
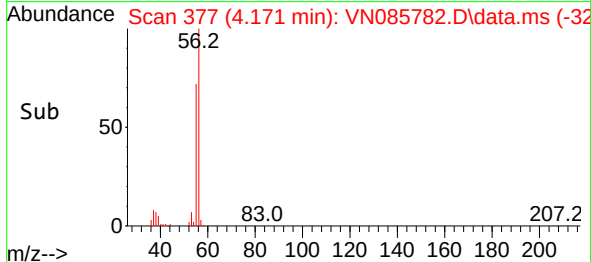
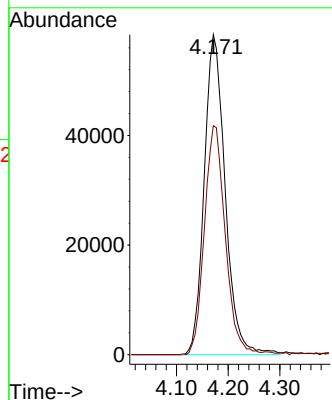
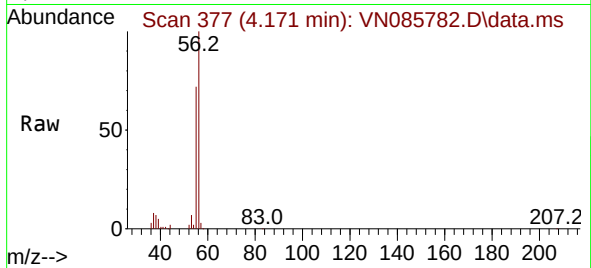
#13
Acrolein
Concen: 205.238 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 16449
Ion Ratio Lower Upper
56 100
55 71.2 55.3 82.9

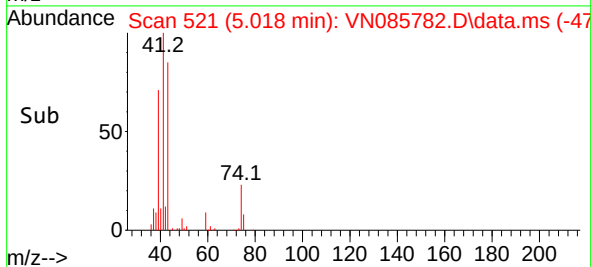
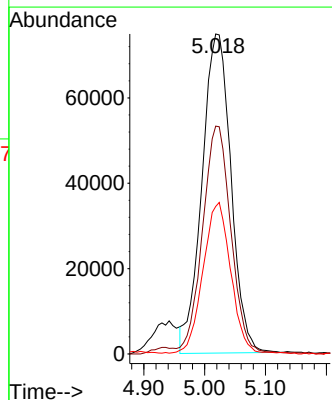
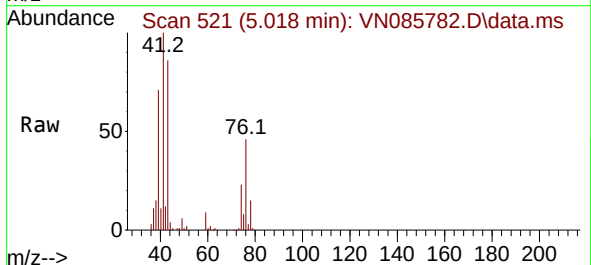
Manual Integrations
APPROVED

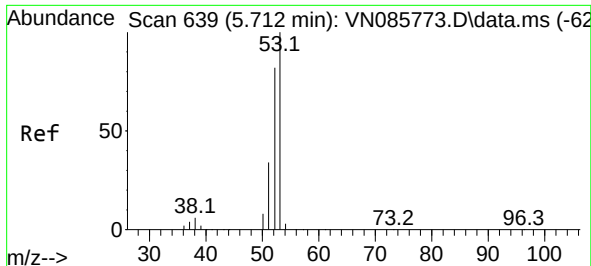
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#14
Allyl chloride
Concen: 50.710 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

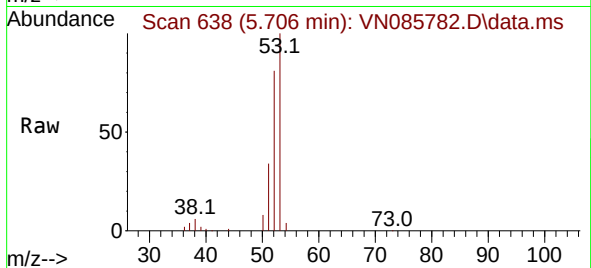
Tgt Ion: 41 Resp: 247476
Ion Ratio Lower Upper
41 100
39 69.8 57.4 86.2
76 44.8 36.2 54.2





#15
Acrylonitrile
Concen: 238.131 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

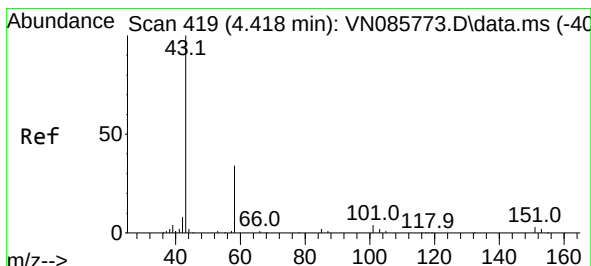
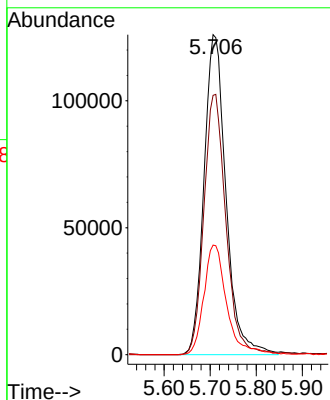
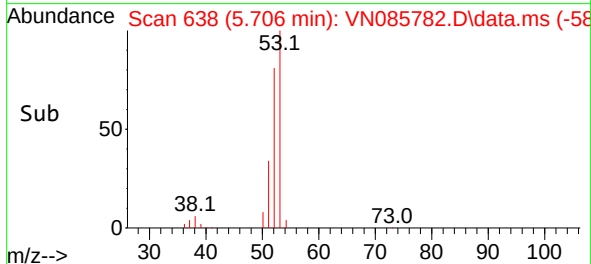
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



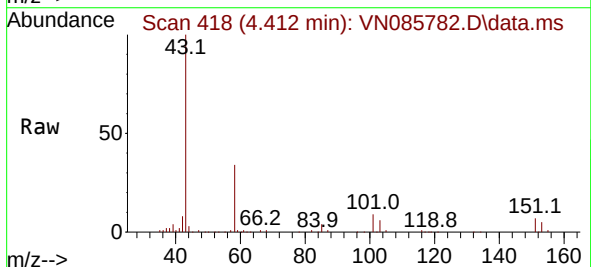
Tgt Ion: 53 Resp: 418409
Ion Ratio Lower Upper
53 100
52 81.4 65.8 98.6
51 35.7 28.6 42.8

Manual Integrations
APPROVED

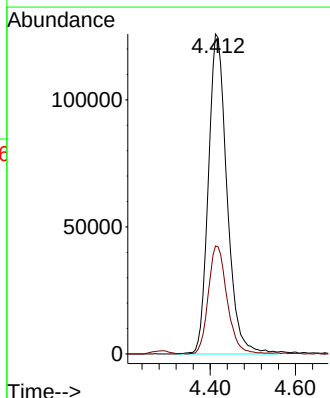
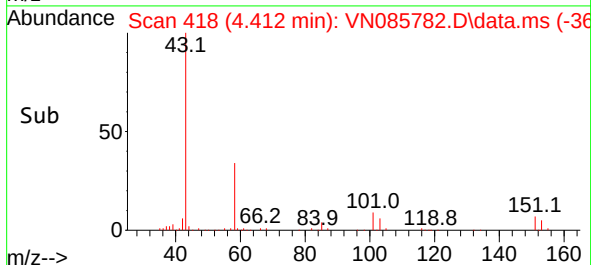
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

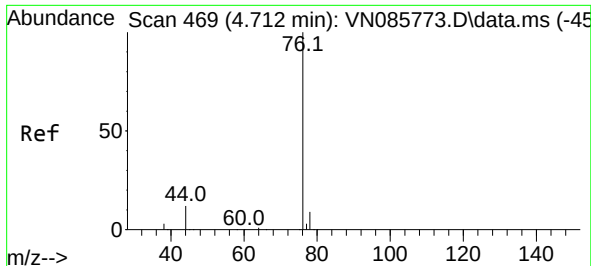


#16
Acetone
Concen: 274.906 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



Tgt Ion: 43 Resp: 382246
Ion Ratio Lower Upper
43 100
58 33.6 27.5 41.3





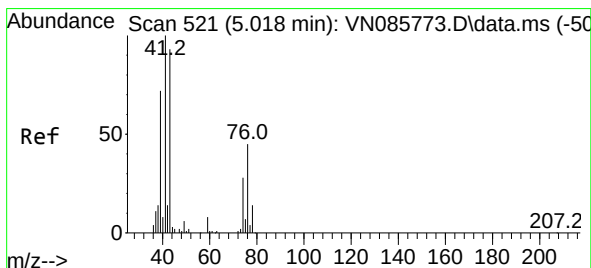
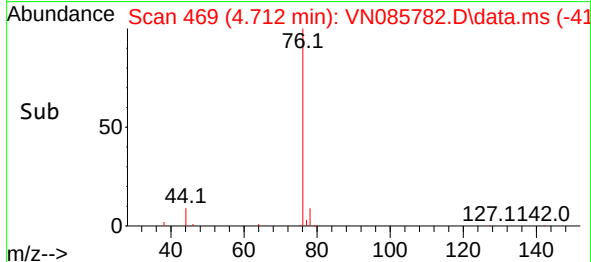
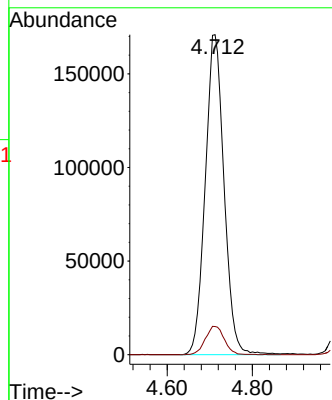
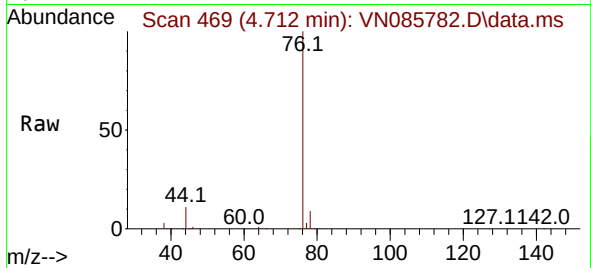
#17
Carbon Disulfide
Concen: 47.514 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 52342
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

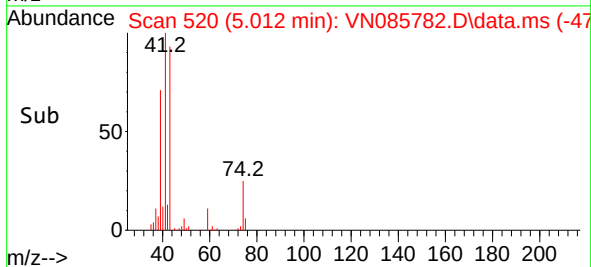
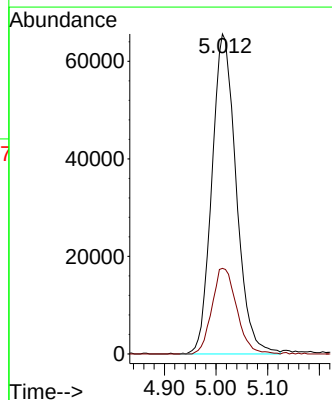
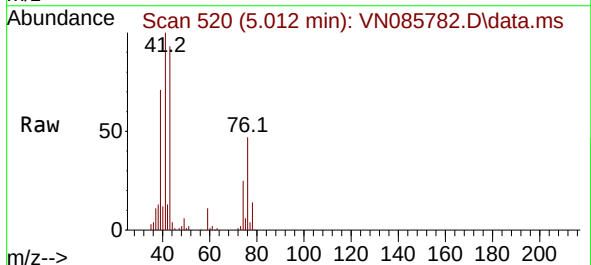
Manual Integrations
APPROVED

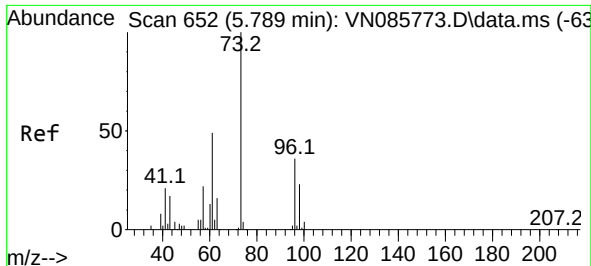
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#18
Methyl Acetate
Concen: 44.785 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

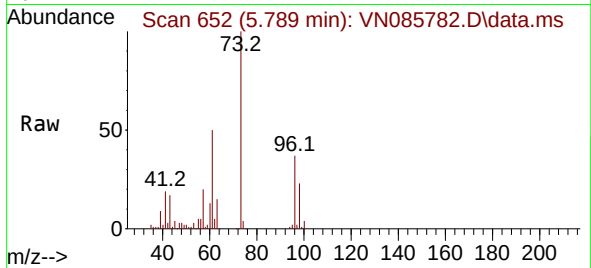
Tgt Ion: 43 Resp: 214186
Ion Ratio Lower Upper
43 100
74 27.2 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 53.473 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

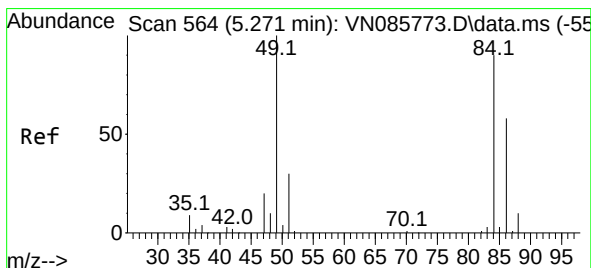
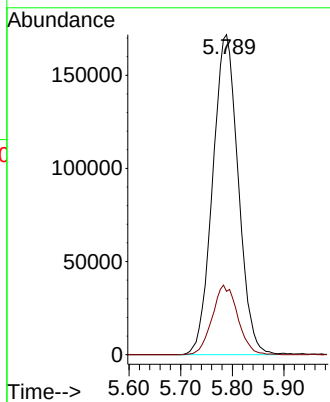
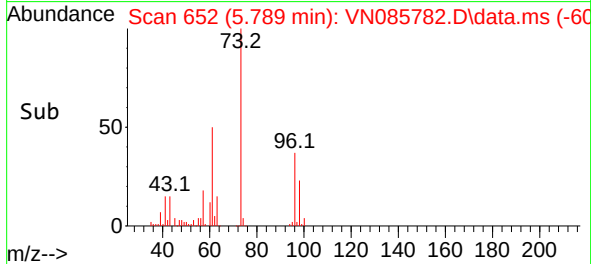
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 590630
Ion Ratio Lower Upper
73 100
57 19.8 17.6 26.4

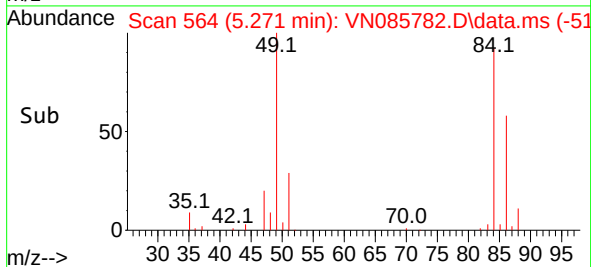
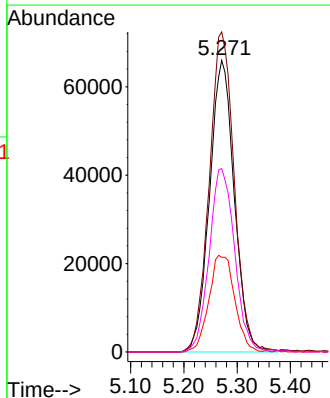
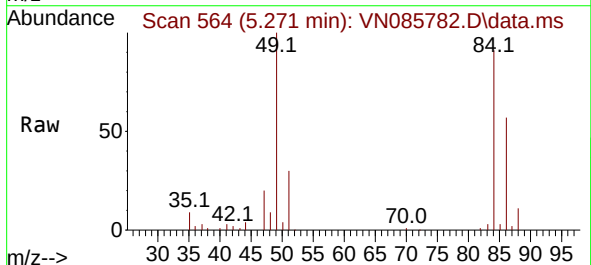
Manual Integrations
APPROVED

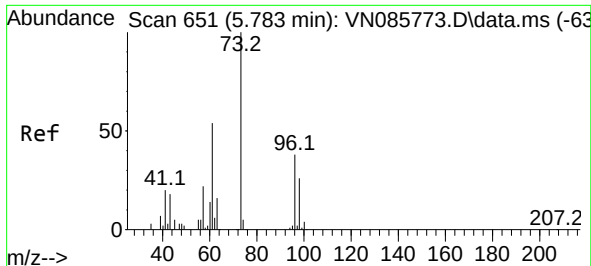
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#20
Methylene Chloride
Concen: 47.605 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

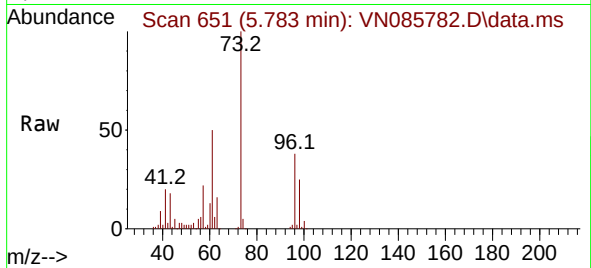
Tgt Ion: 84 Resp: 212867
Ion Ratio Lower Upper
84 100
49 109.7 88.4 132.6
51 32.5 26.6 40.0
86 62.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 50.327 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

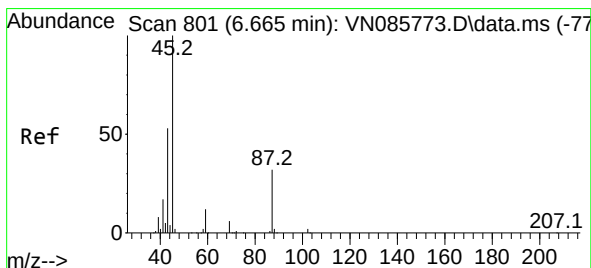
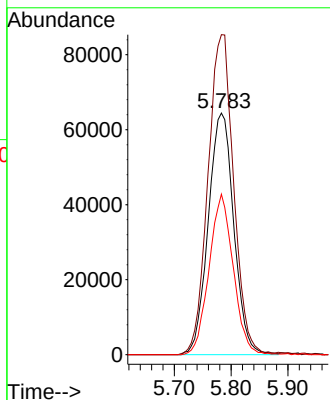
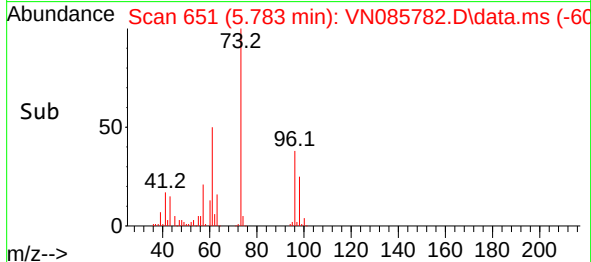
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 201430
Ion Ratio Lower Upper
96 100
61 132.4 112.6 168.8
98 66.4 53.3 79.9

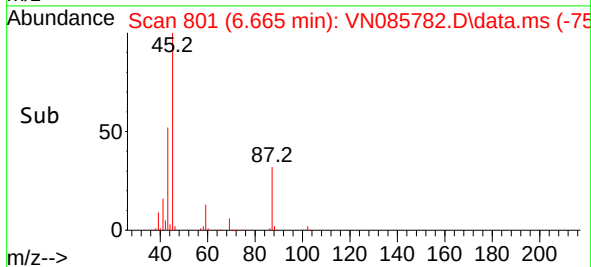
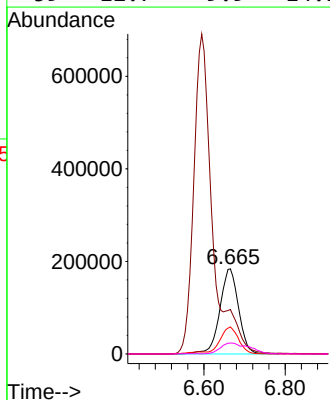
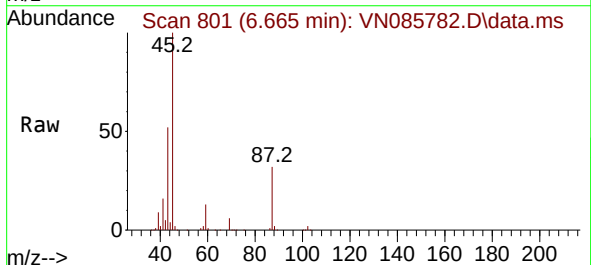
Manual Integrations
APPROVED

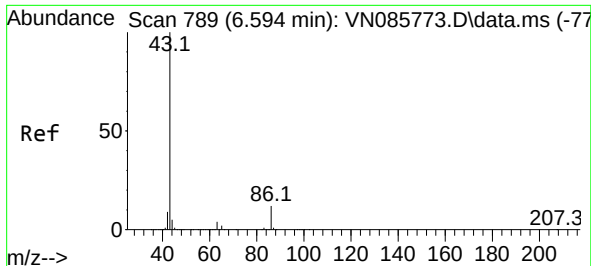
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#22
Diisopropyl ether
Concen: 53.588 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

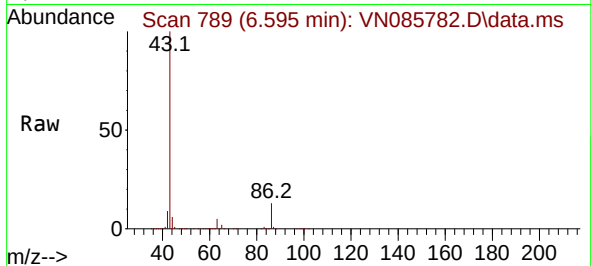
Tgt Ion: 45 Resp: 590936
Ion Ratio Lower Upper
45 100
43 51.4 42.6 64.0
87 31.7 25.8 38.8
59 12.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 261.433 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085782.D
 Acq: 19 Feb 2025 10:51

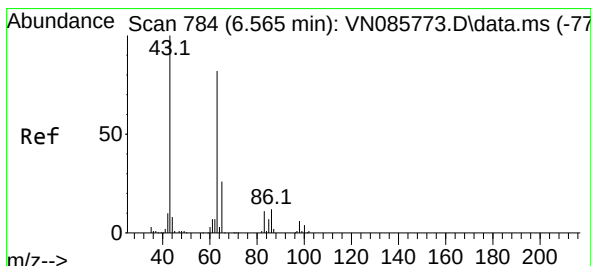
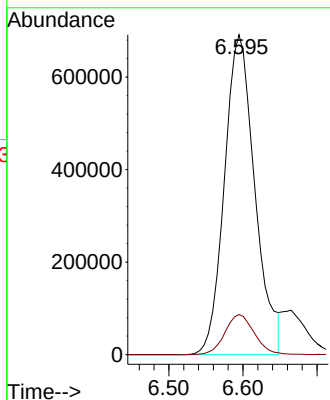
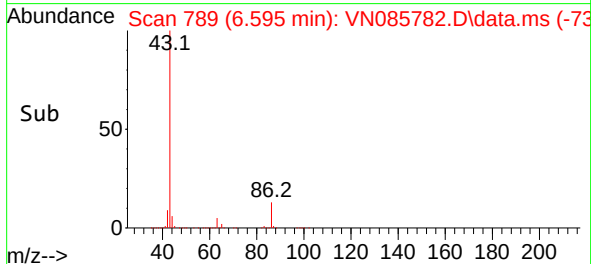
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 1973940
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.8

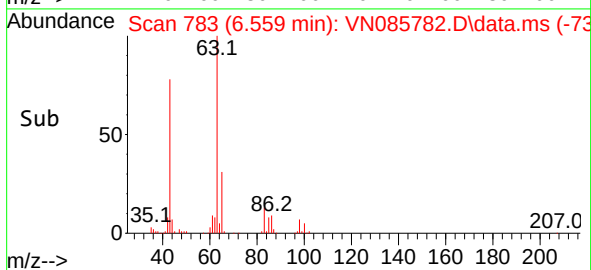
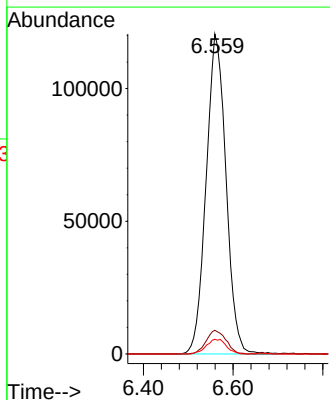
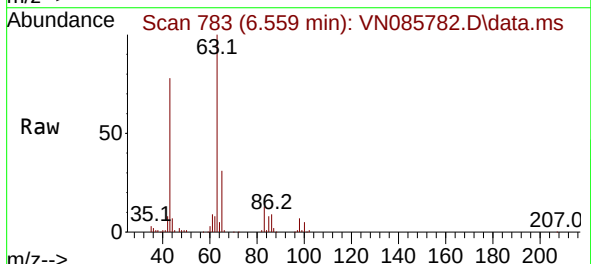
Manual Integrations
 APPROVED

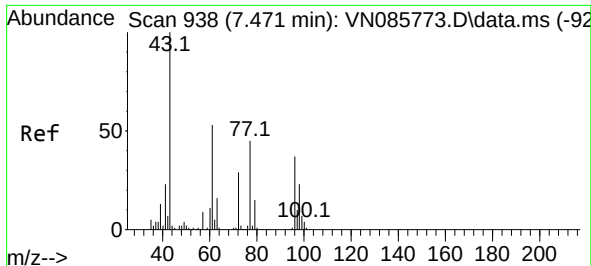
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025



#24
 1,1-Dichloroethane
 Concen: 49.478 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085782.D
 Acq: 19 Feb 2025 10:51

Tgt Ion: 63 Resp: 370904
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.6 2.4 7.2





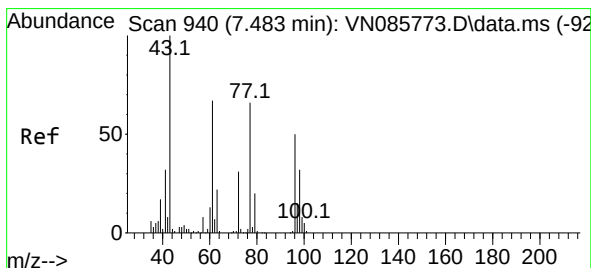
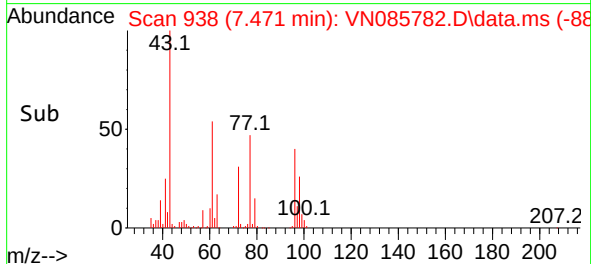
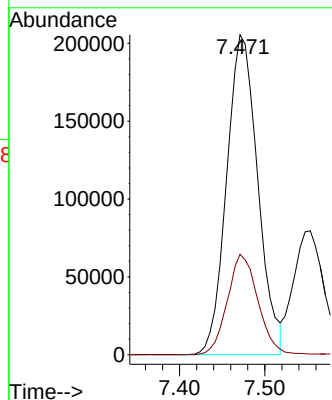
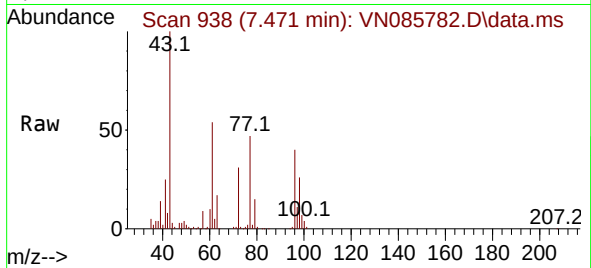
#25
2-Butanone
Concen: 255.385 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 52242
Ion Ratio Lower Upper
43 100
72 31.4 23.6 35.4

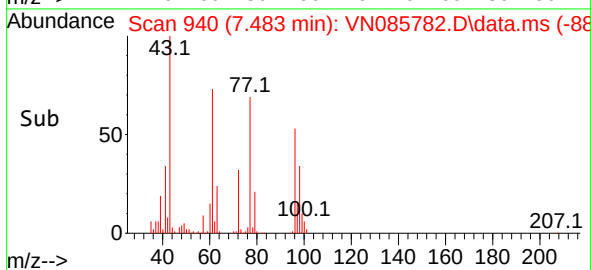
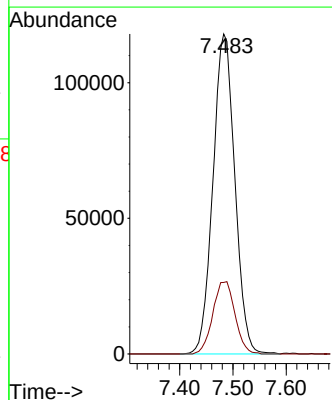
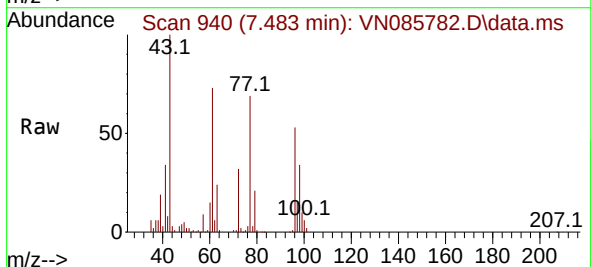
Manual Integrations
APPROVED

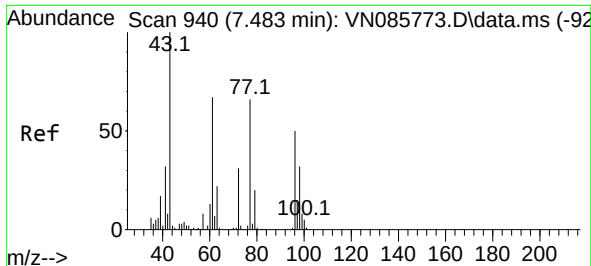
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#26
2,2-Dichloropropane
Concen: 50.464 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

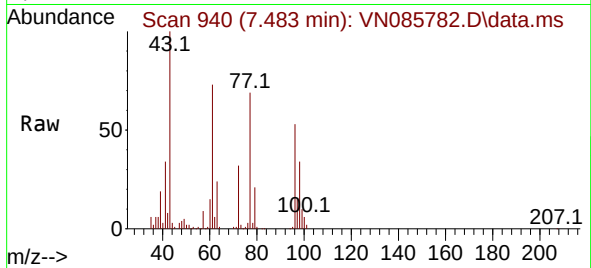
Tgt Ion: 77 Resp: 336386
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 51.333 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085782.D
 Acq: 19 Feb 2025 10:51

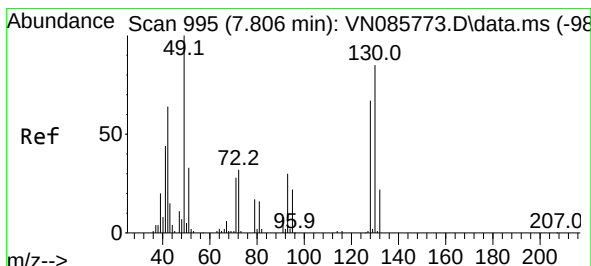
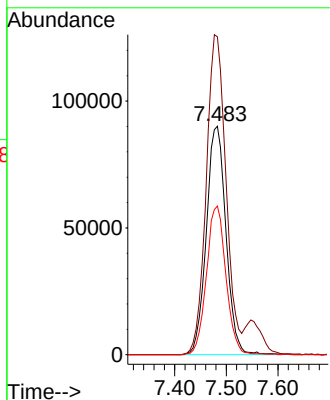
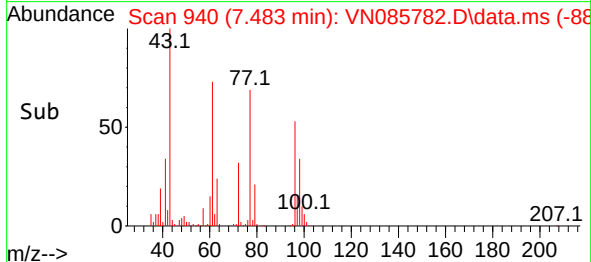
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 238225
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 280.6
 98 64.4 0.0 128.6

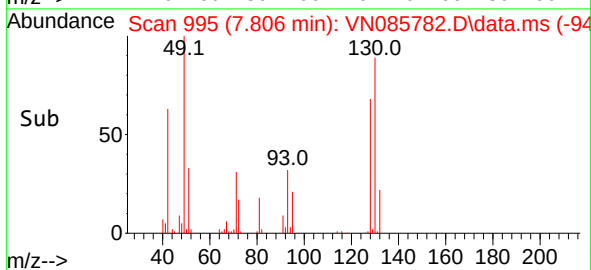
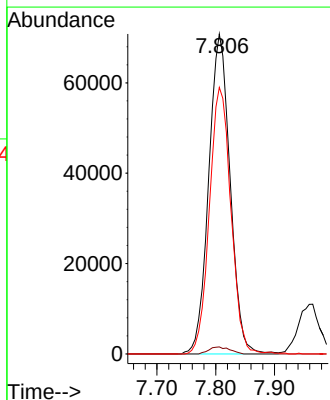
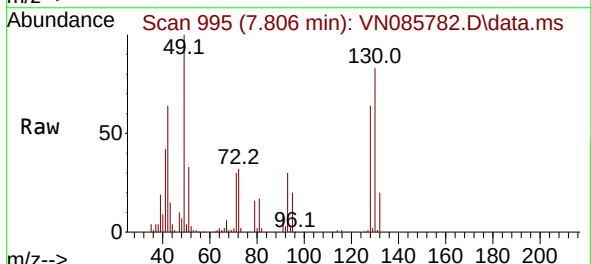
Manual Integrations
 APPROVED

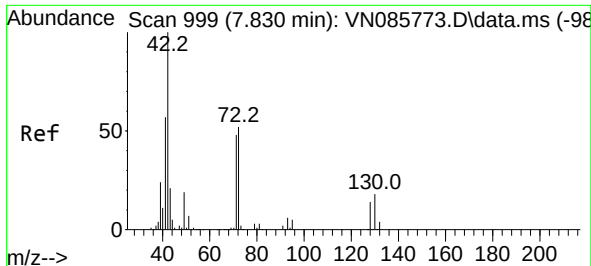
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025



#28
 Bromochloromethane
 Concen: 58.177 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085782.D
 Acq: 19 Feb 2025 10:51

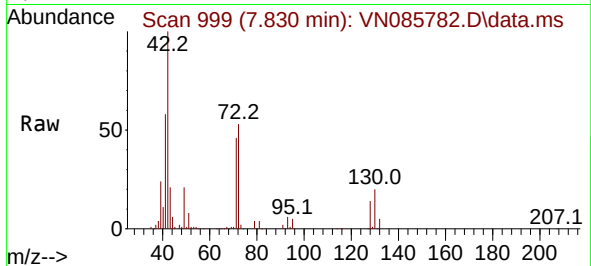
Tgt Ion: 49 Resp: 179247
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 83.3 68.0 102.0





#29
Tetrahydrofuran
Concen: 249.701 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

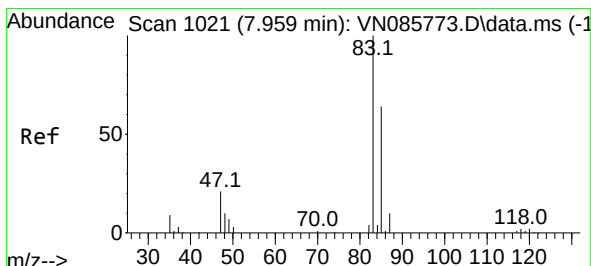
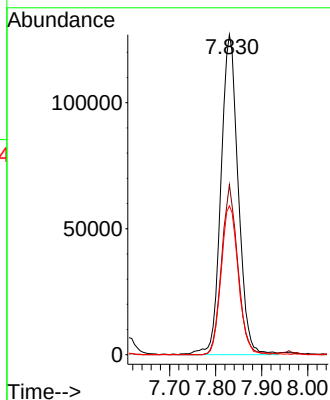
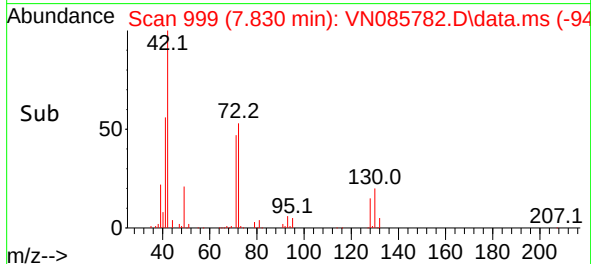
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



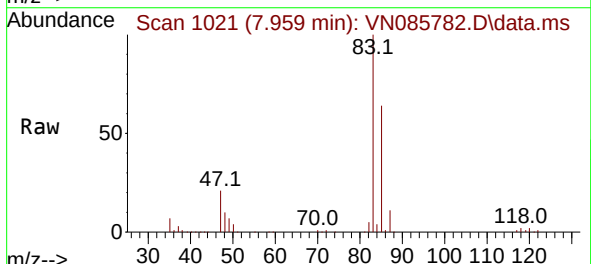
Tgt Ion: 42 Resp: 32984
Ion Ratio Lower Upper
42 100
72 49.8 40.0 60.0
71 46.4 37.0 55.4

Manual Integrations
APPROVED

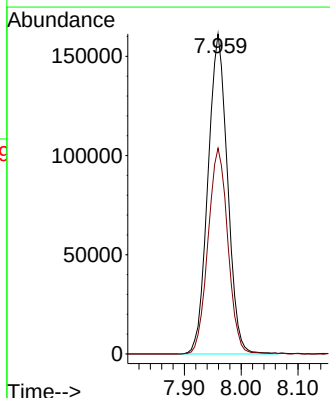
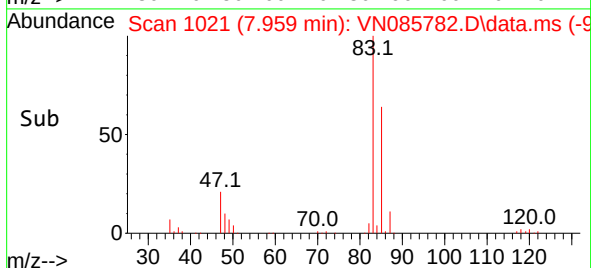
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

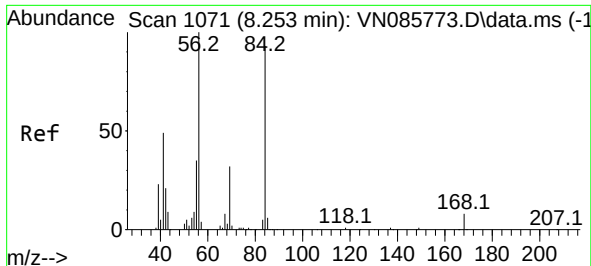


#30
Chloroform
Concen: 49.129 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



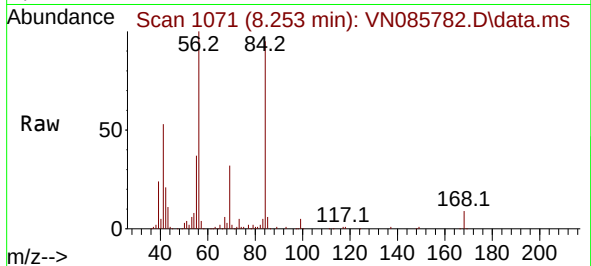
Tgt Ion: 83 Resp: 384871
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3





#31
Cyclohexane
Concen: 48.266 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

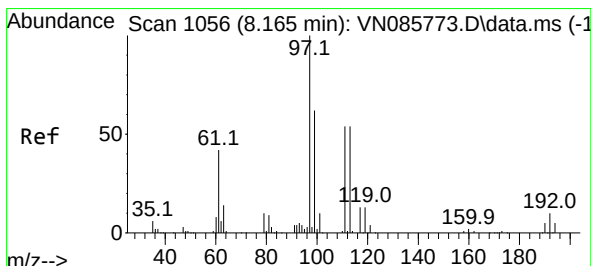
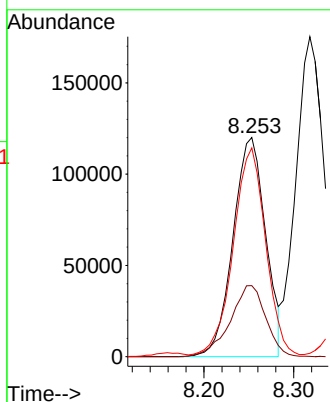
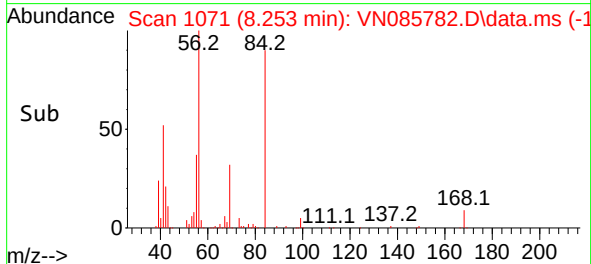
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



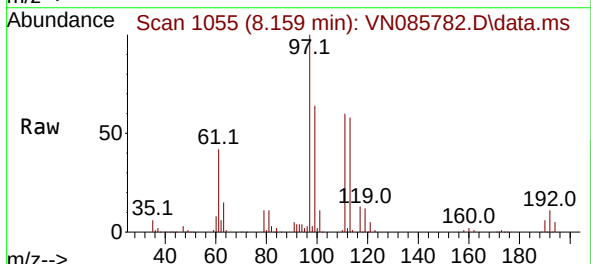
Tgt Ion: 56 Resp: 302949
Ion Ratio Lower Upper
56 100
69 32.4 25.8 38.6
84 93.6 74.5 111.7

Manual Integrations
APPROVED

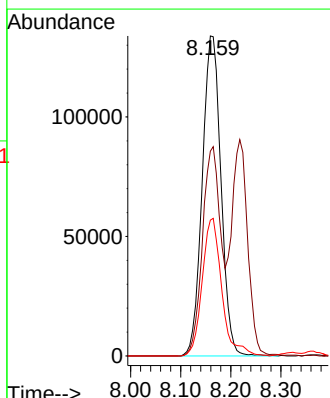
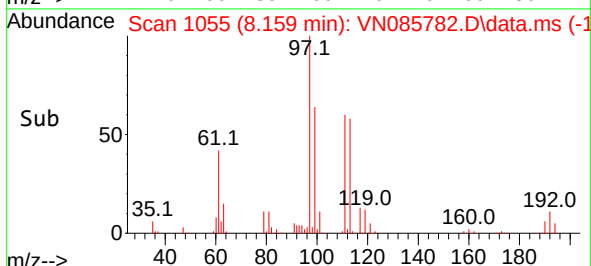
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

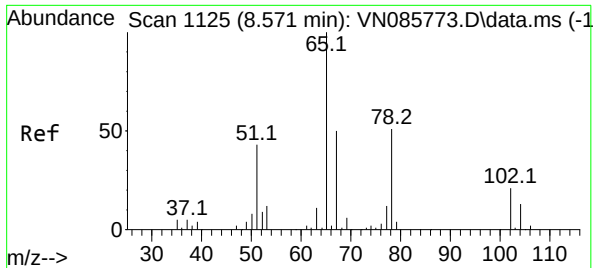


#32
1,1,1-Trichloroethane
Concen: 49.863 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



Tgt Ion: 97 Resp: 347439
Ion Ratio Lower Upper
97 100
99 63.5 50.4 75.6
61 44.9 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 49.835 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 21899

Ion Ratio Lower Upper

65 100

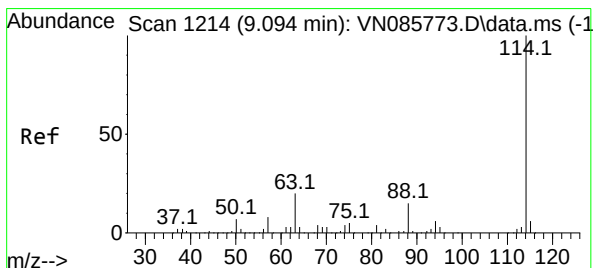
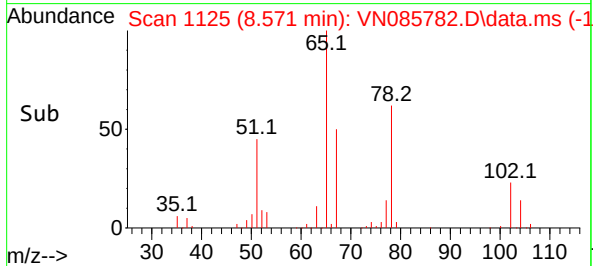
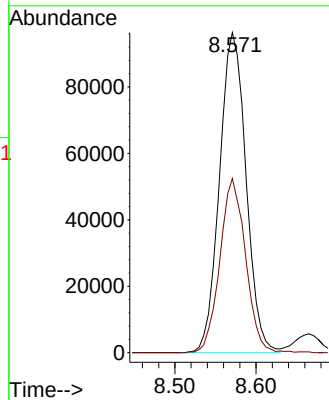
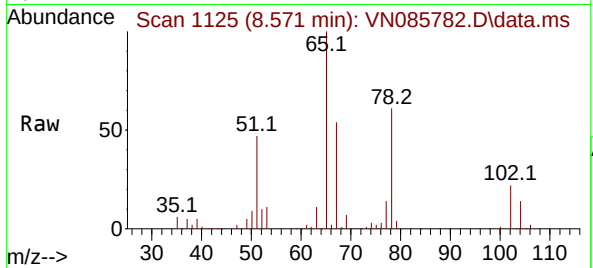
67 52.8 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

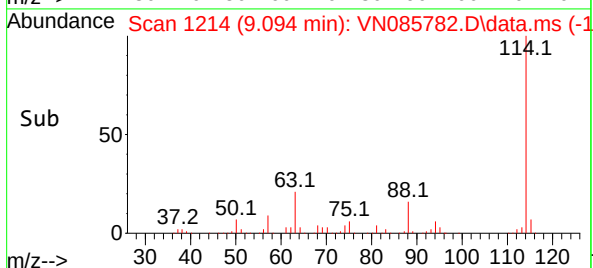
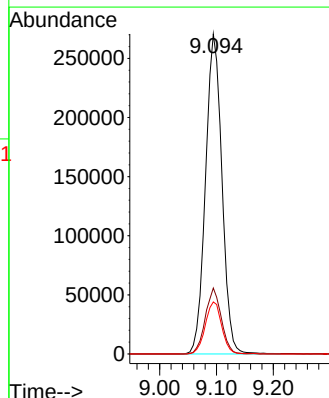
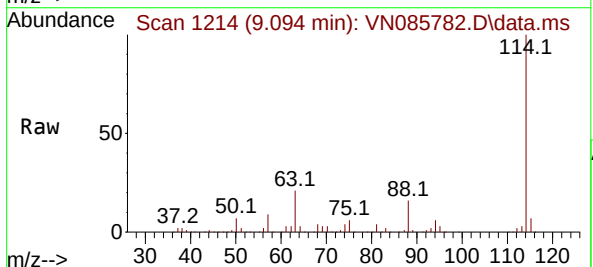
Tgt Ion:114 Resp: 542050

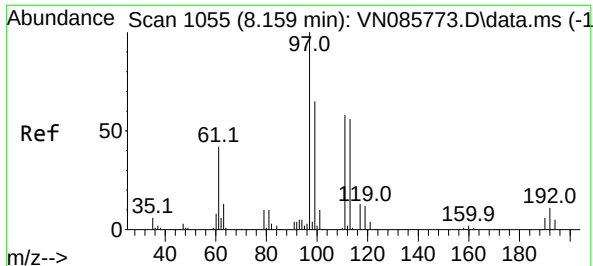
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 16.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.900 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 18763

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

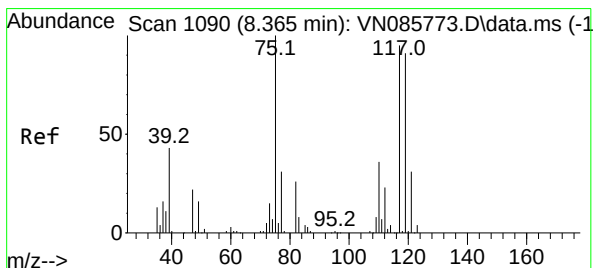
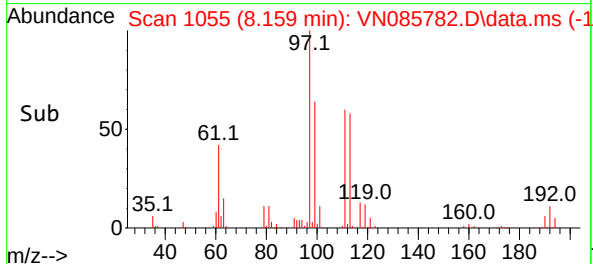
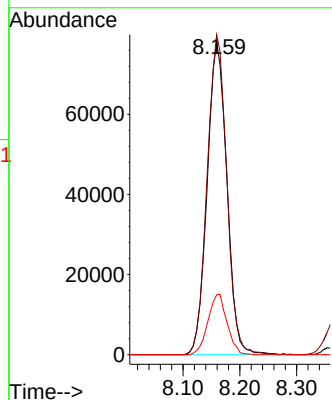
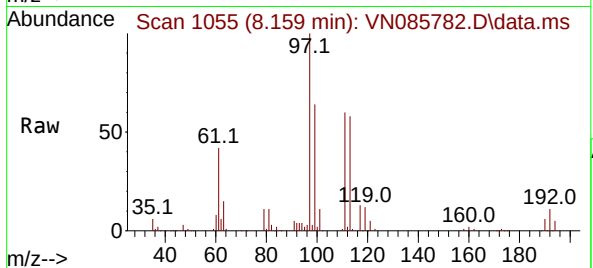
192 18.7 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#36

1,1-Dichloropropene

Concen: 53.862 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

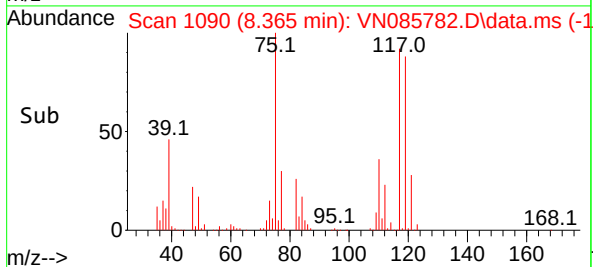
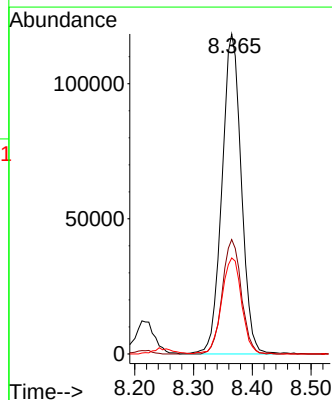
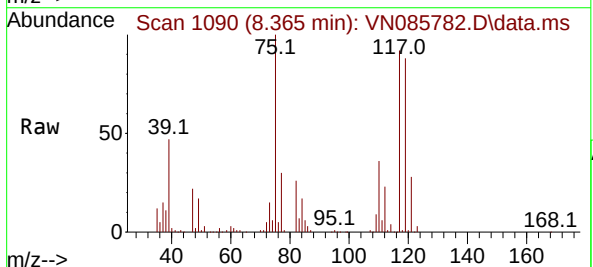
Tgt Ion: 75 Resp: 270378

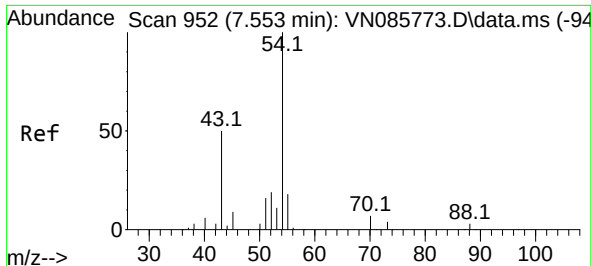
Ion Ratio Lower Upper

75 100

110 35.2 17.3 52.0

77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 49.384 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 204009

Ion Ratio Lower Upper

43 100

61 15.4 12.2 18.2

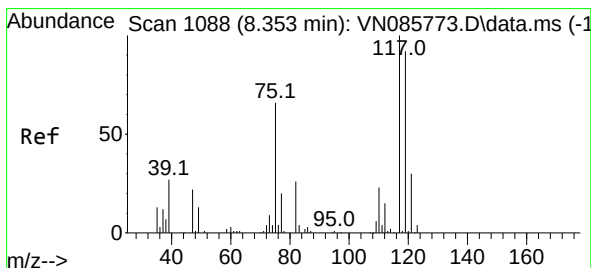
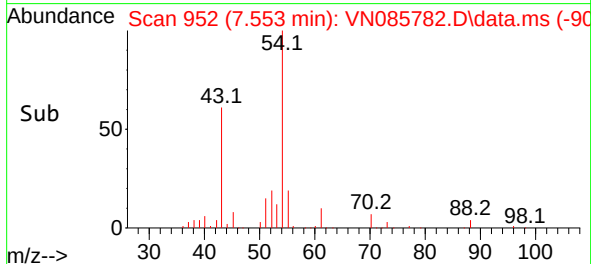
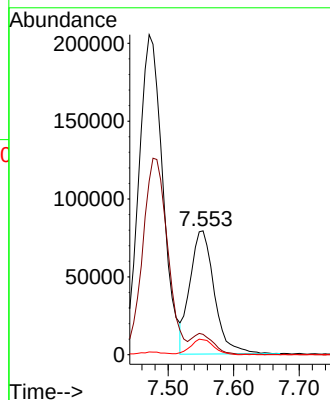
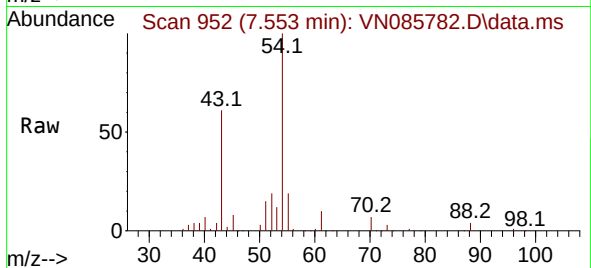
70 11.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#38

Carbon Tetrachloride

Concen: 51.650 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

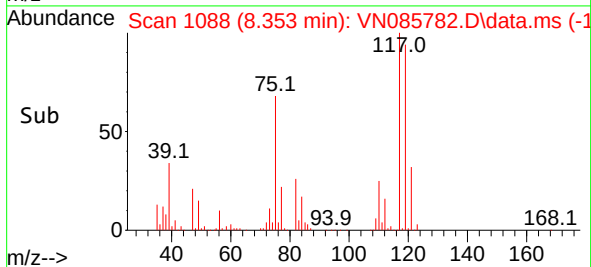
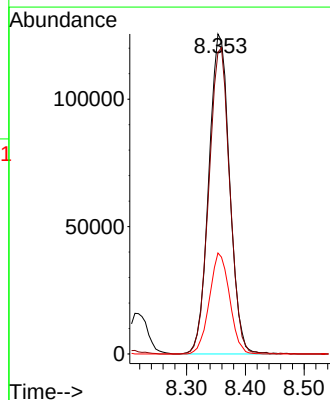
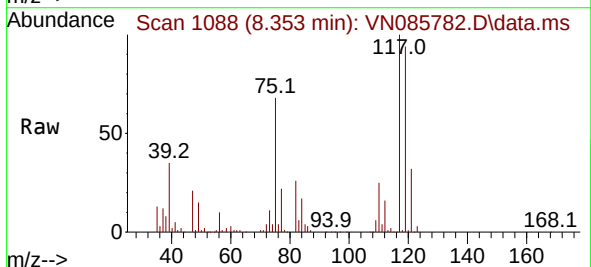
Tgt Ion:117 Resp: 308070

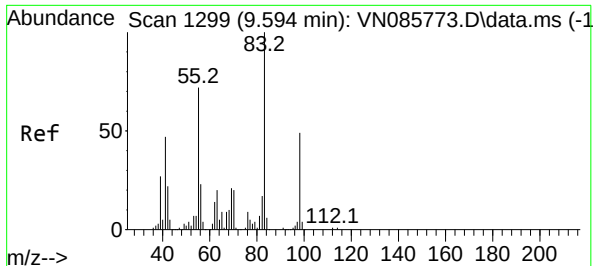
Ion Ratio Lower Upper

117 100

119 94.3 73.8 110.6

121 31.5 24.3 36.5





#39

Methylcyclohexane

Concen: 59.556 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 293698

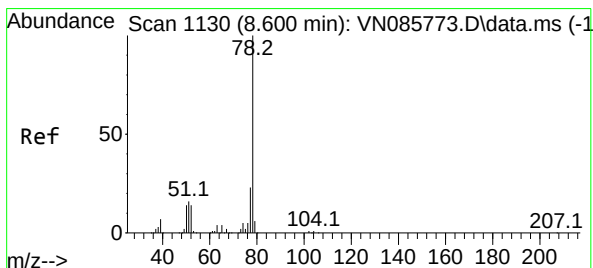
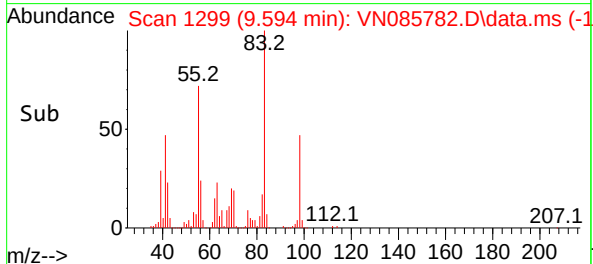
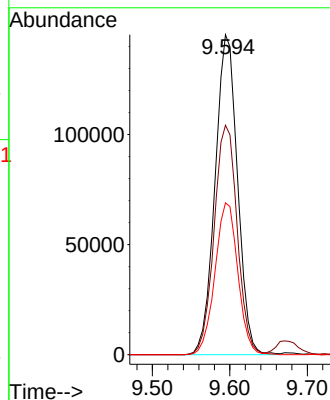
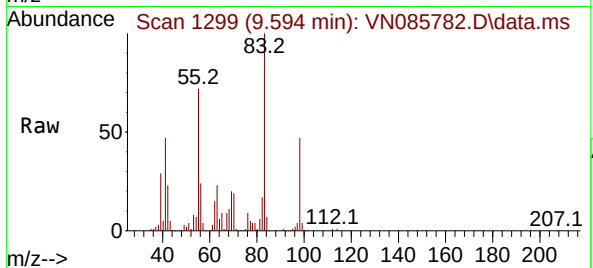
Ion	Ratio	Lower	Upper
83	100		
55	71.7	57.5	86.3
98	47.5	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#40

Benzene

Concen: 52.435 ug/l

RT: 8.600 min Scan# 1130

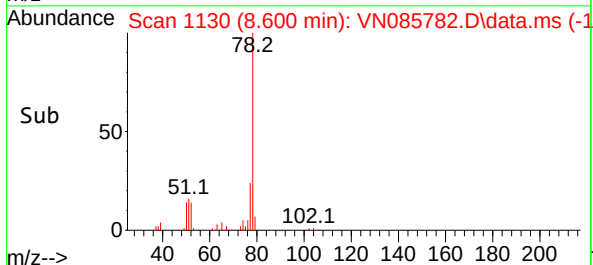
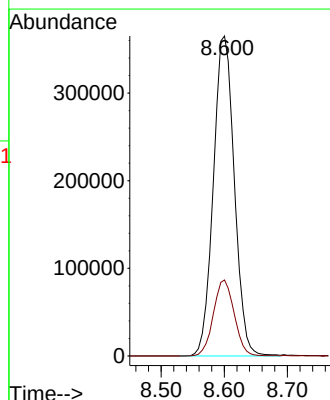
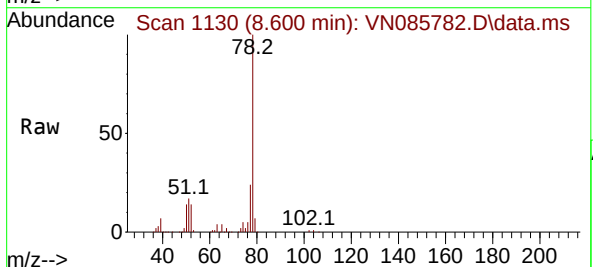
Delta R.T. 0.000 min

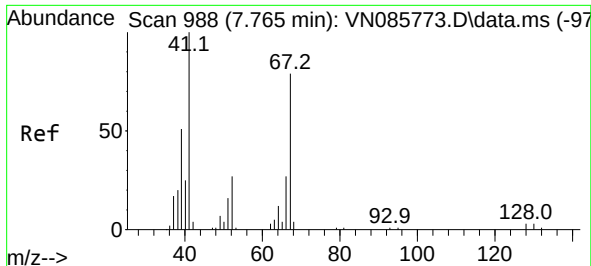
Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

Tgt Ion: 78 Resp: 843620

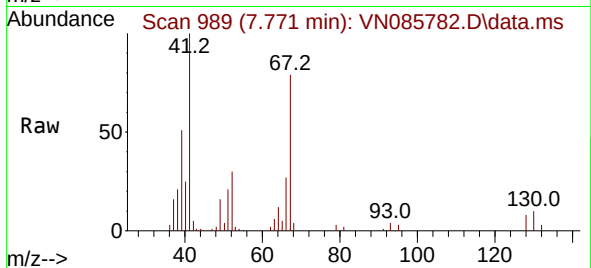
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.3	27.5





#41
Methacrylonitrile
Concen: 52.247 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

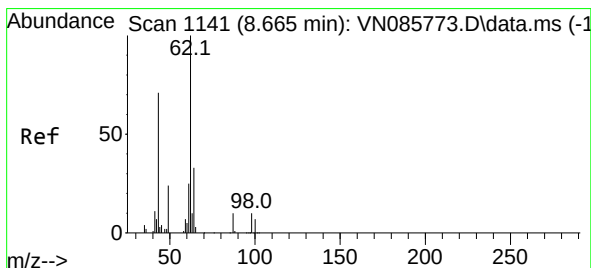
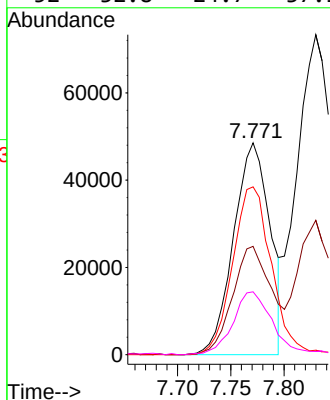
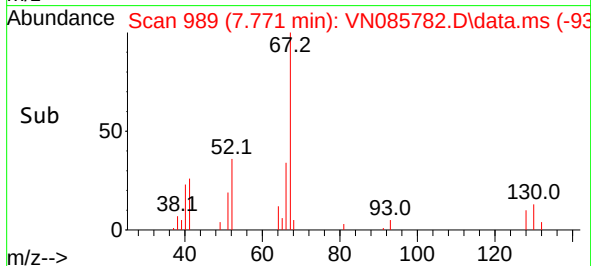
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 115379
Ion Ratio Lower Upper
41 100
39 55.5 42.0 63.0
67 84.7 64.2 96.4
52 32.8 24.7 37.1

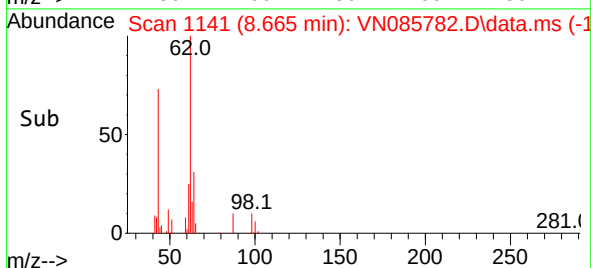
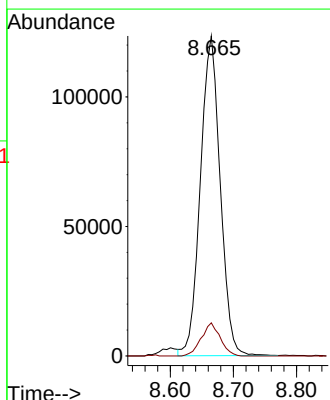
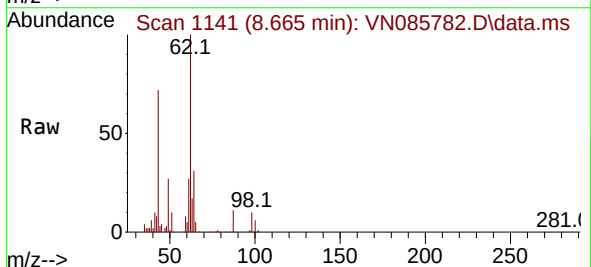
Manual Integrations
APPROVED

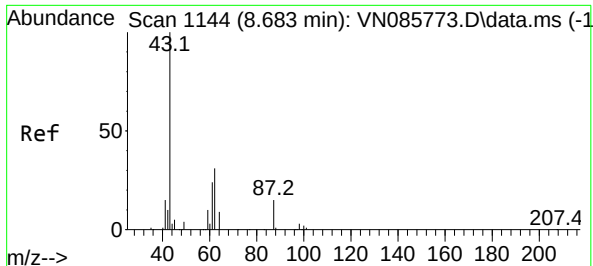
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#42
1,2-Dichloroethane
Concen: 51.342 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

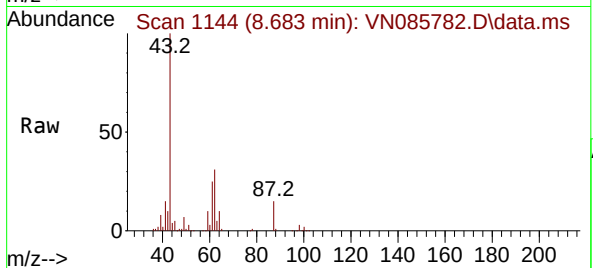
Tgt Ion: 62 Resp: 269061
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.6





#43
Isopropyl Acetate
Concen: 49.475 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

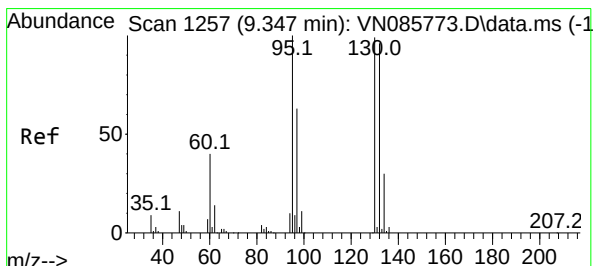
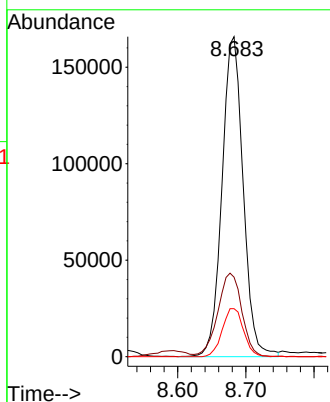
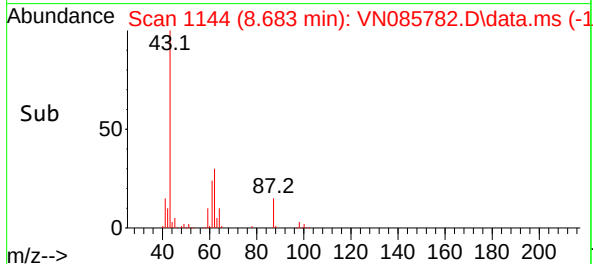
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



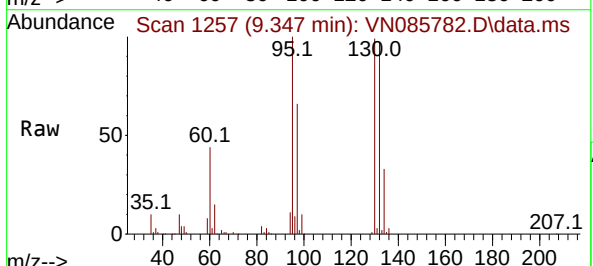
Tgt Ion: 43 Resp: 358728
Ion Ratio Lower Upper
43 100
61 29.7 22.6 34.0
87 15.1 11.8 17.8

Manual Integrations
APPROVED

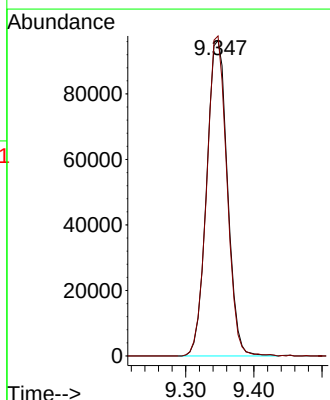
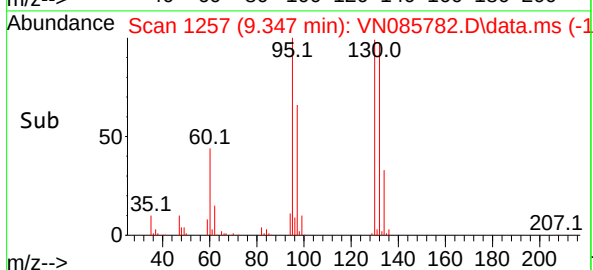
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

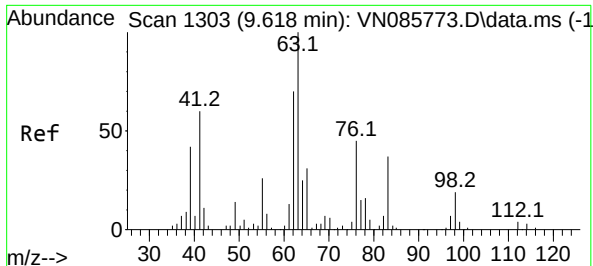


#44
Trichloroethene
Concen: 51.748 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



Tgt Ion:130 Resp: 204423
Ion Ratio Lower Upper
130 100
95 101.4 0.0 202.6





#45

1,2-Dichloropropane

Concen: 52.875 ug/l

RT: 9.612 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 20534

Ion Ratio Lower Upper

63 100

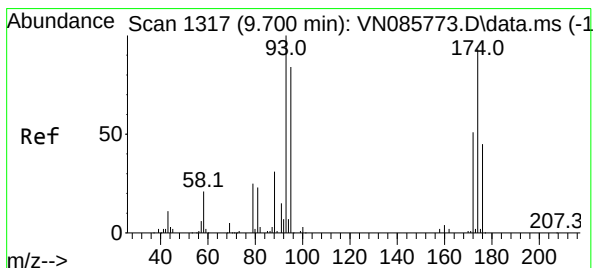
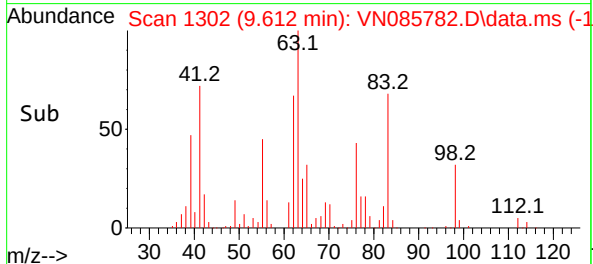
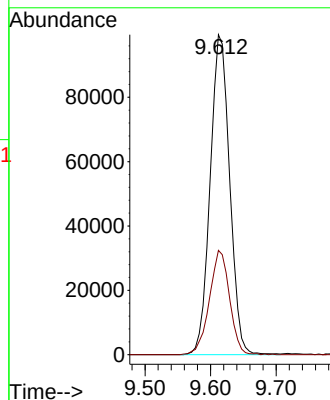
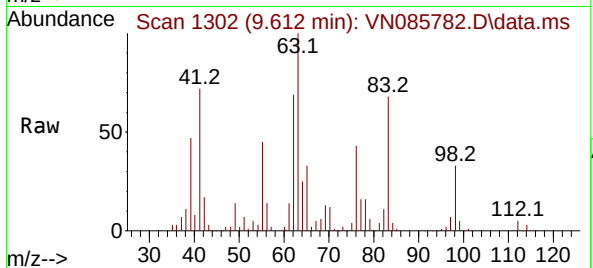
65 32.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#46

Dibromomethane

Concen: 51.094 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

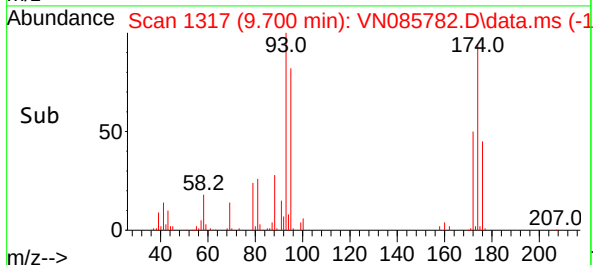
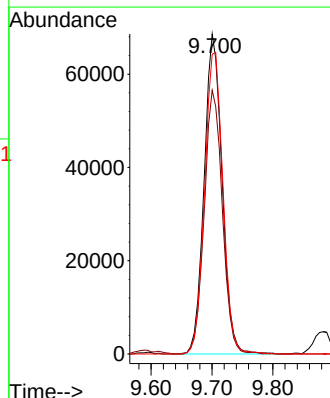
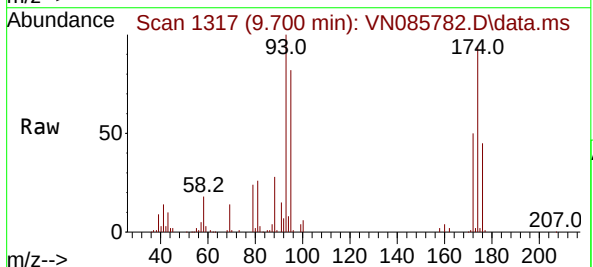
Tgt Ion: 93 Resp: 139963

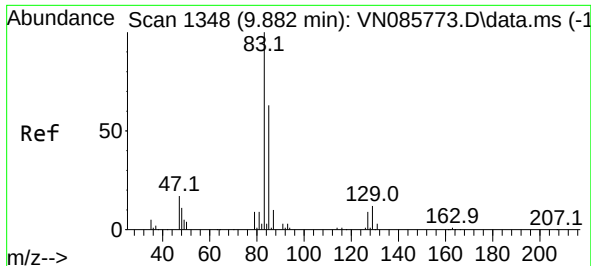
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

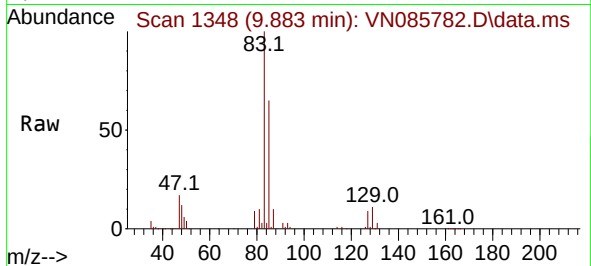
174 96.7 77.2 115.8





#47
Bromodichloromethane
Concen: 51.856 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

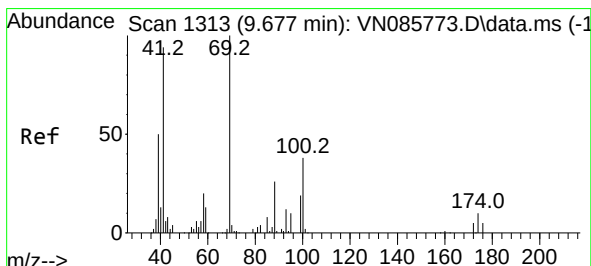
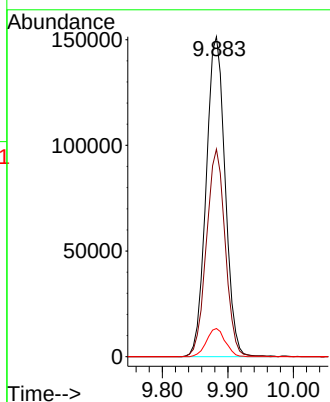
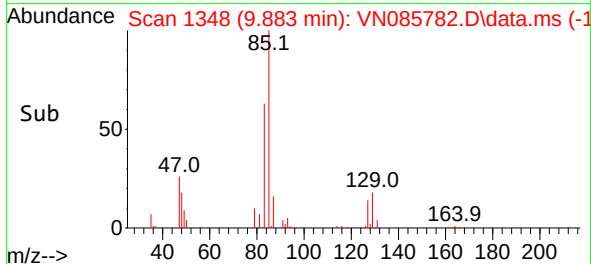
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



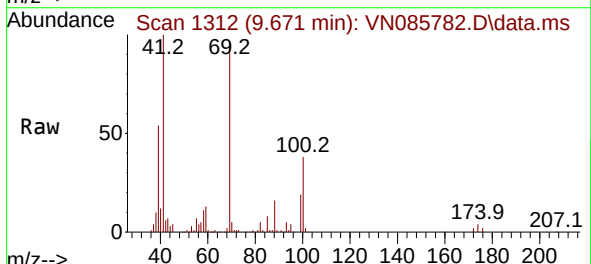
Tgt Ion: 83 Resp: 303915
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7
127 8.8 7.2 10.8

Manual Integrations
APPROVED

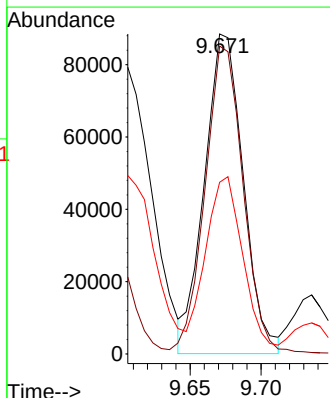
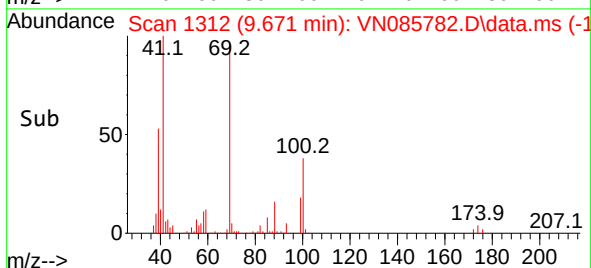
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

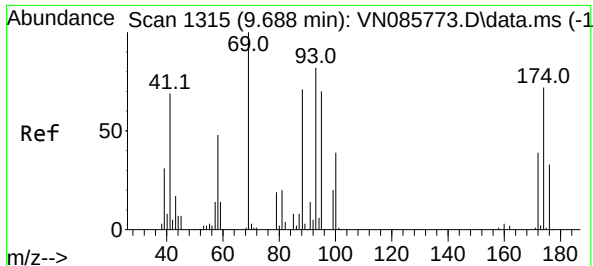


#48
Methyl methacrylate
Concen: 54.849 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



Tgt Ion: 41 Resp: 168275
Ion Ratio Lower Upper
41 100
69 95.1 76.0 114.0
39 53.6 42.3 63.5





#49

1,4-Dioxane

Concen: 1062.788 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 62004

Ion Ratio Lower Upper

88 100

43 27.8 18.6 27.8

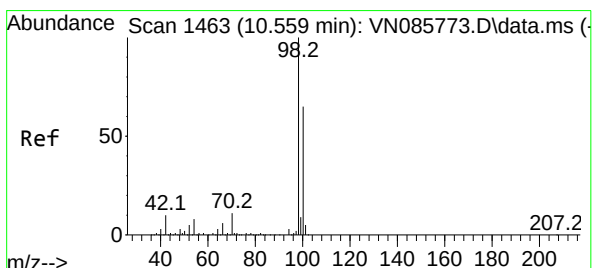
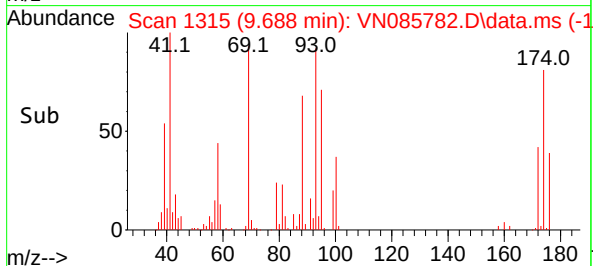
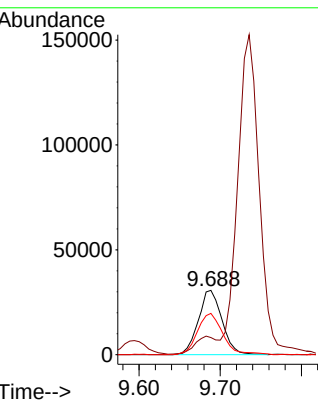
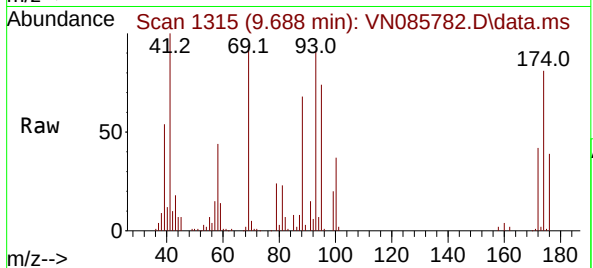
58 69.0 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#50

Toluene-d8

Concen: 54.690 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VN085782.D

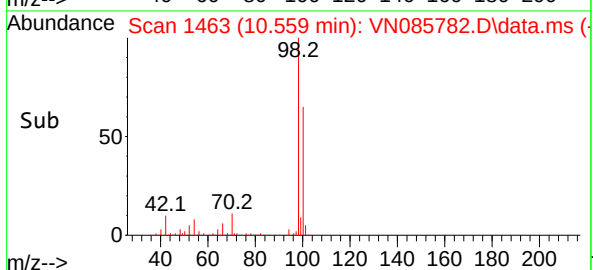
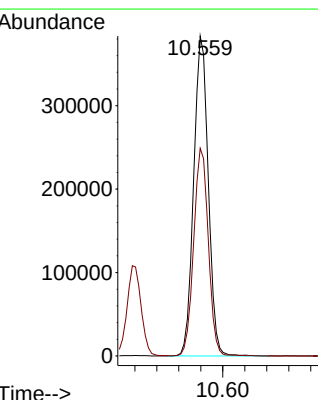
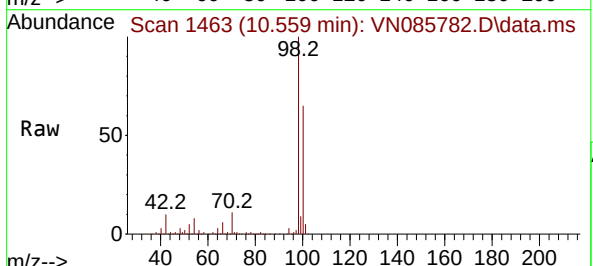
Acq: 19 Feb 2025 10:51

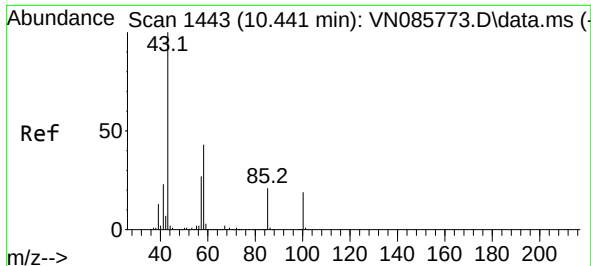
Tgt Ion: 98 Resp: 705762

Ion Ratio Lower Upper

98 100

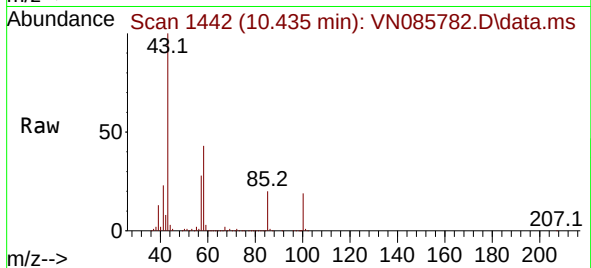
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 260.736 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

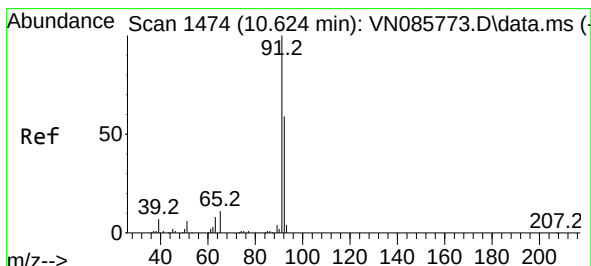
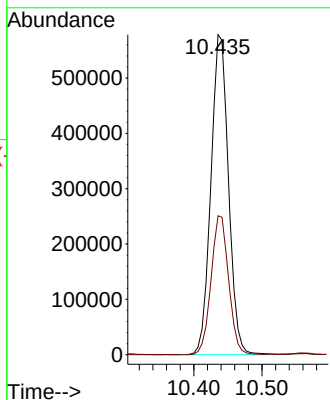
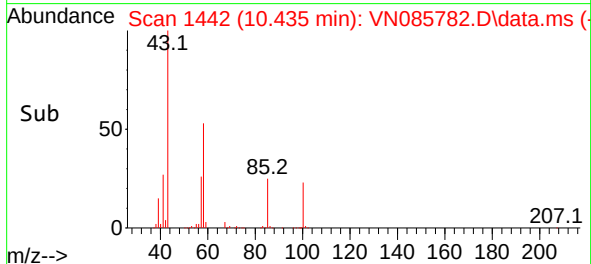
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 103848
Ion Ratio Lower Upper
43 100
58 43.4 34.6 52.0

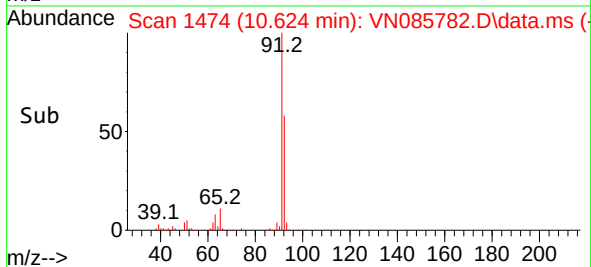
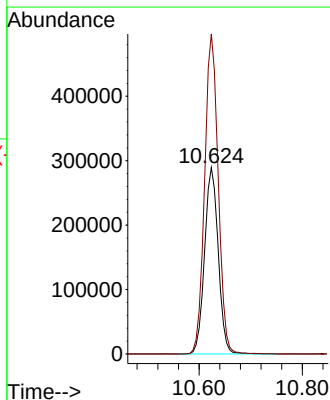
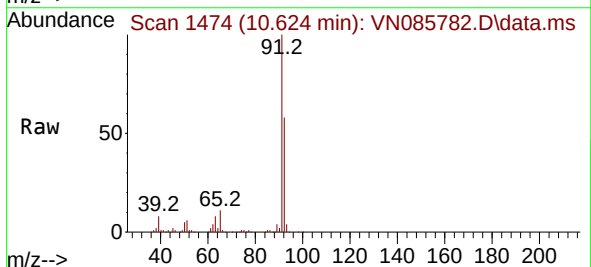
Manual Integrations
APPROVED

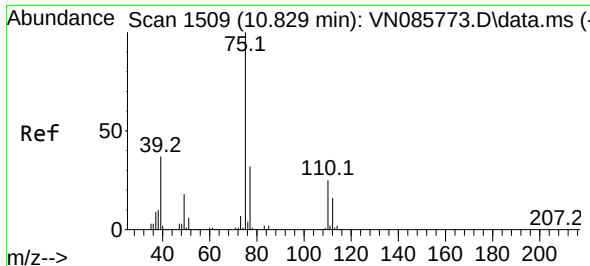
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#52
Toluene
Concen: 56.046 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

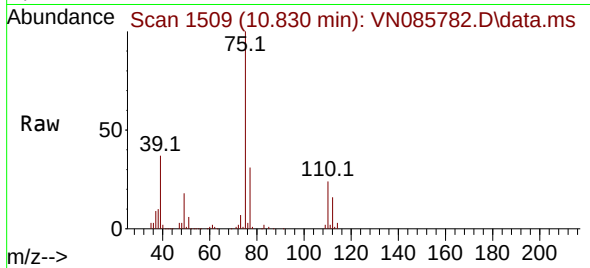
Tgt Ion: 92 Resp: 528579
Ion Ratio Lower Upper
92 100
91 171.3 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 55.646 ug/l
RT: 10.830 min Scan# 1109
Delta R.T. 0.001 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

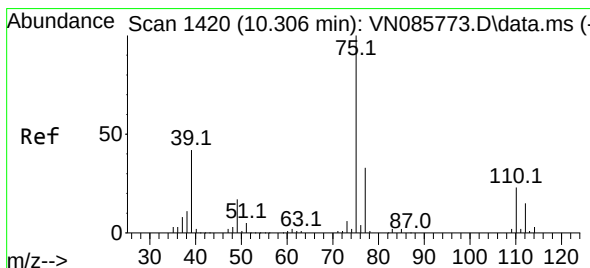
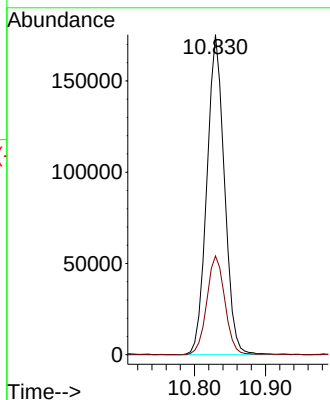
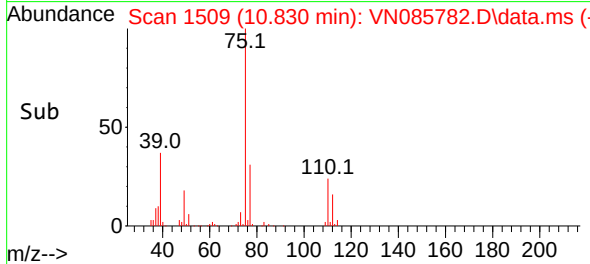
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 301562
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

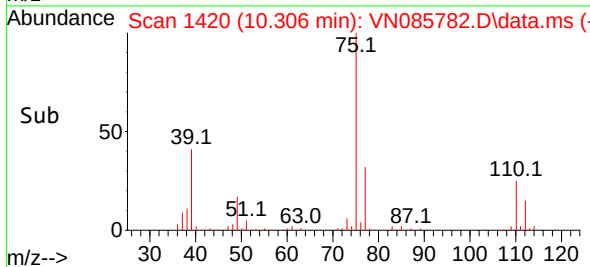
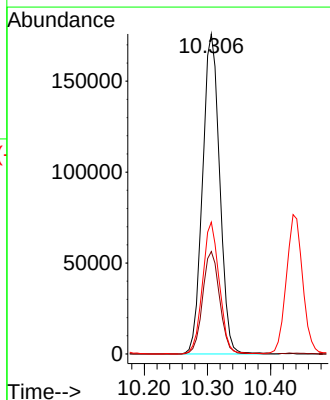
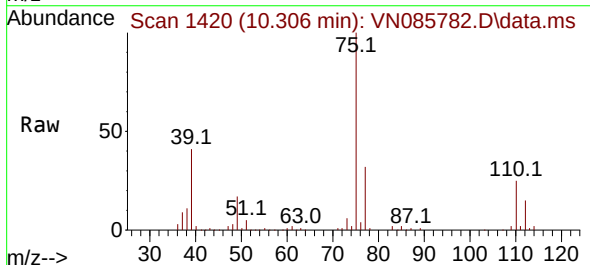
Manual Integrations
APPROVED

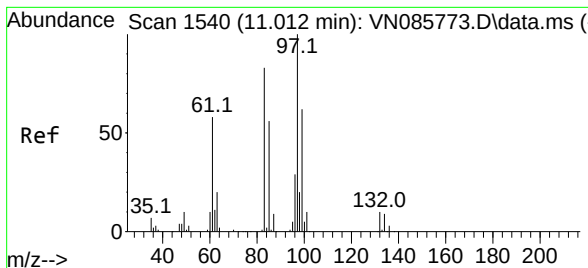
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#54
cis-1,3-Dichloropropene
Concen: 55.852 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

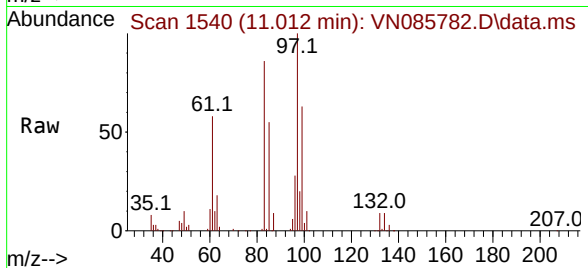
Tgt Ion: 75 Resp: 331906
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 41.2 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 51.456 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

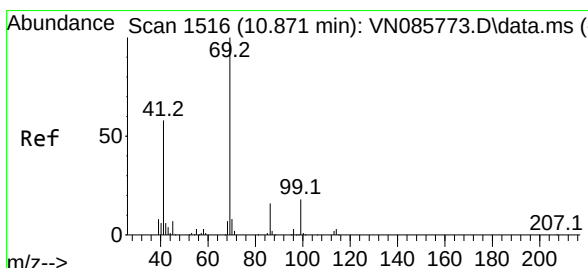
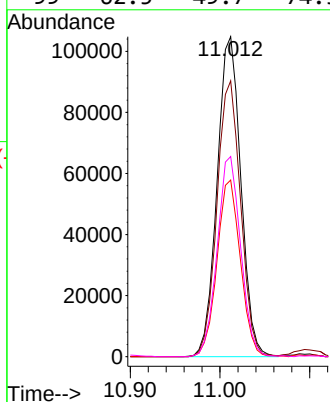
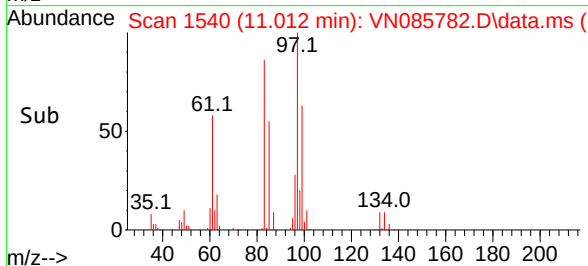
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



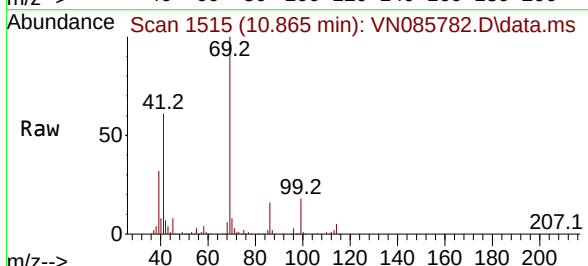
Tgt Ion: 97 Resp: 192948
Ion Ratio Lower Upper
97 100
83 86.2 66.1 99.1
85 55.2 44.7 67.1
99 62.5 49.7 74.5

Manual Integrations
APPROVED

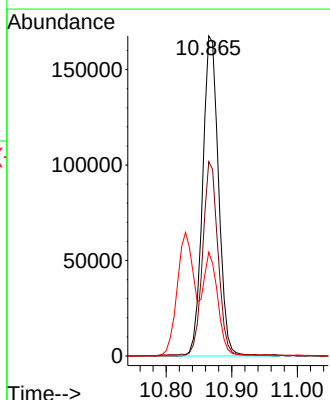
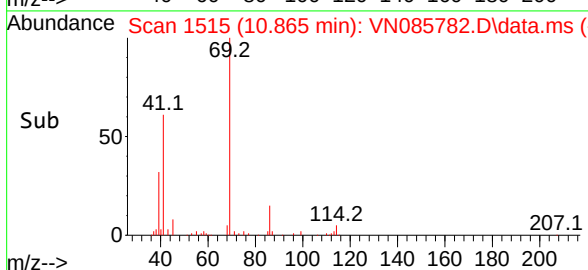
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

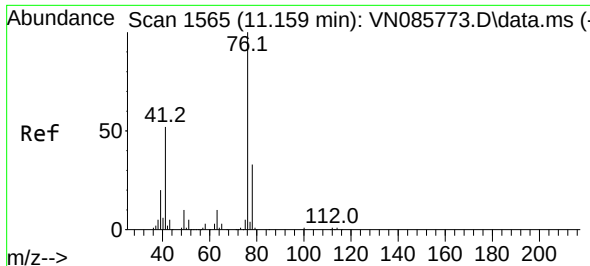


#56
Ethyl methacrylate
Concen: 52.271 ug/l
RT: 10.865 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



Tgt Ion: 69 Resp: 283390
Ion Ratio Lower Upper
69 100
41 59.5 46.0 69.0
39 30.3 22.0 33.0





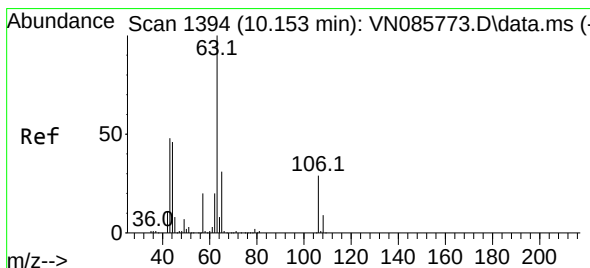
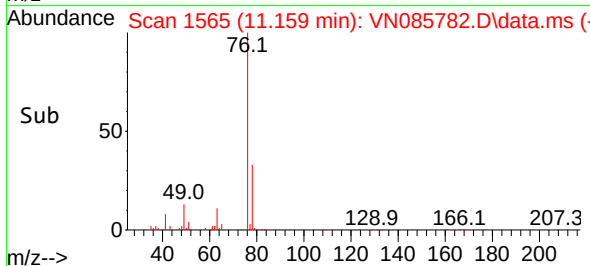
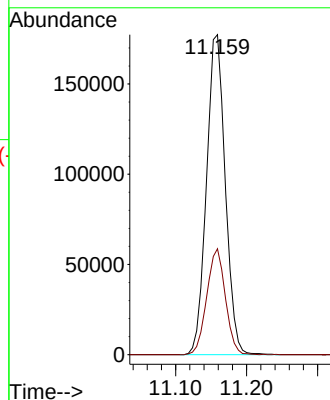
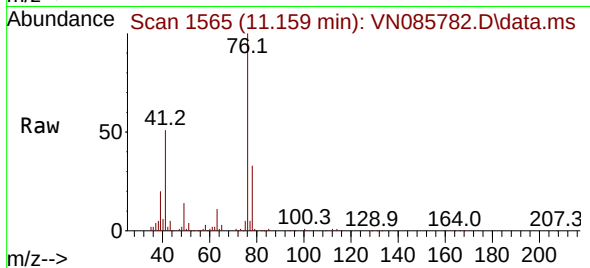
#57
1,3-Dichloropropane
Concen: 52.148 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 326423
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9

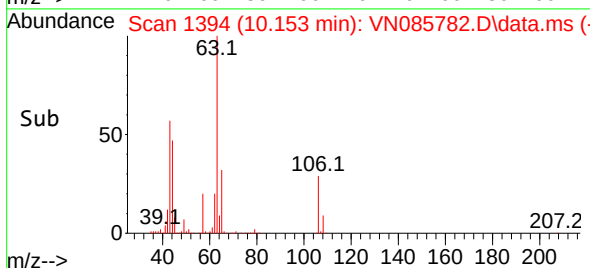
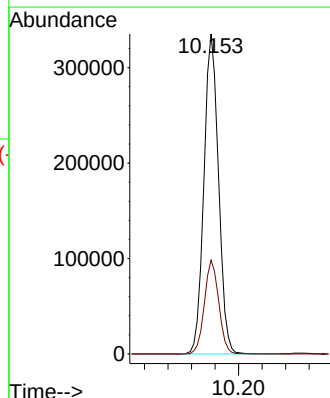
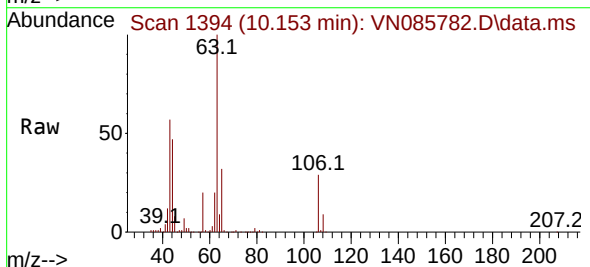
Manual Integrations
APPROVED

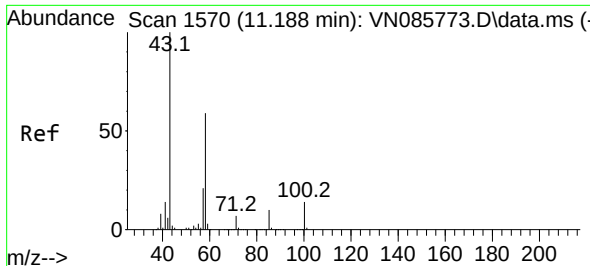
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#58
2-Chloroethyl Vinyl ether
Concen: 268.736 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

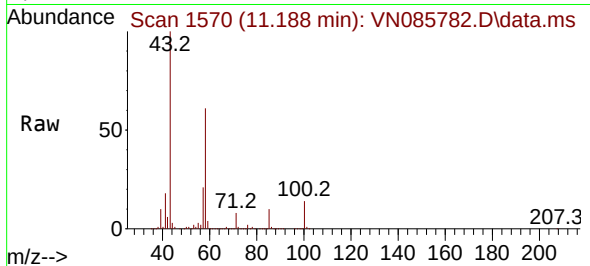
Tgt Ion: 63 Resp: 578323
Ion Ratio Lower Upper
63 100
106 28.8 22.7 34.1





#59
2-Hexanone
Concen: 278.298 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

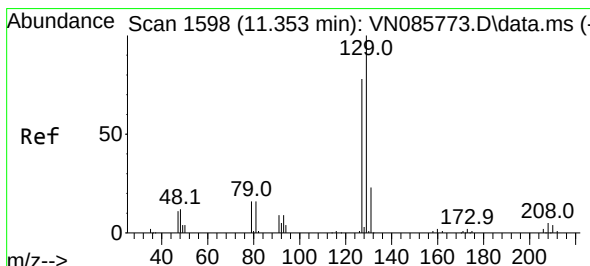
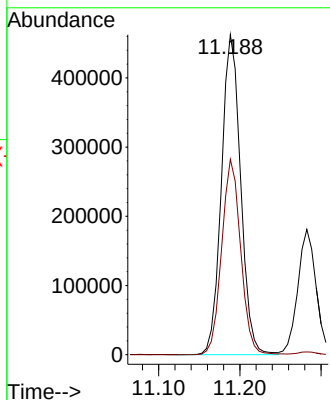
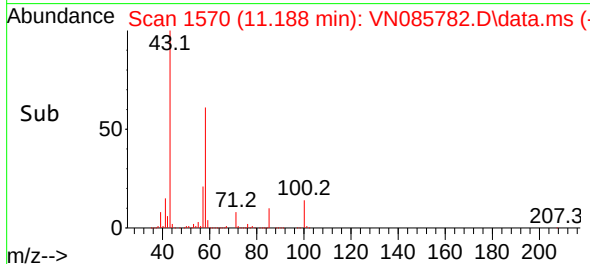
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 76253
Ion Ratio Lower Upper
43 100
58 60.3 29.8 89.5

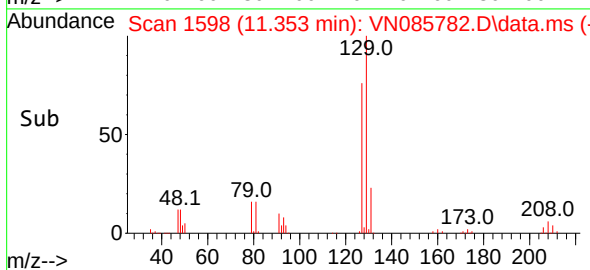
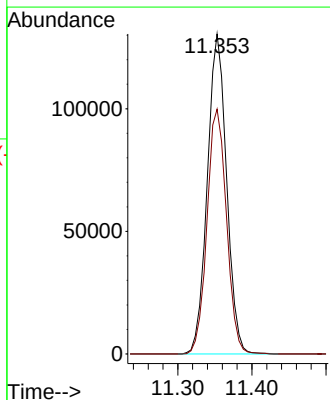
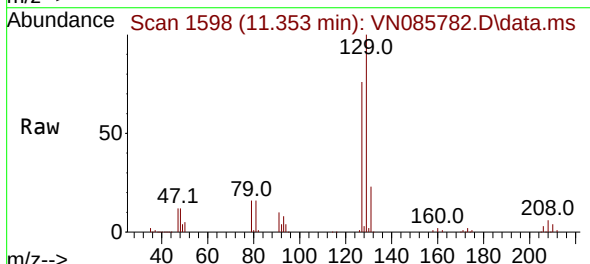
Manual Integrations
APPROVED

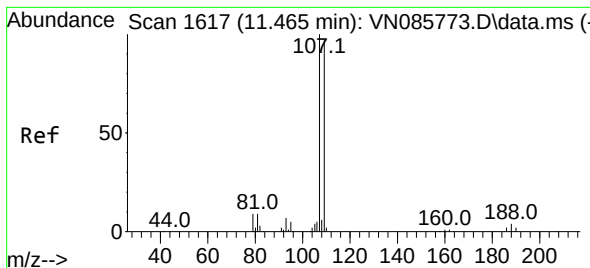
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#60
Dibromochloromethane
Concen: 53.975 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

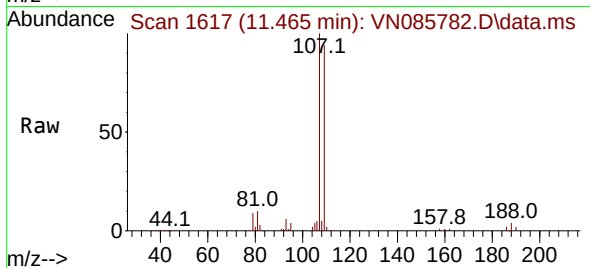
Tgt Ion:129 Resp: 235675
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.5





#61
1,2-Dibromoethane
Concen: 52.526 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

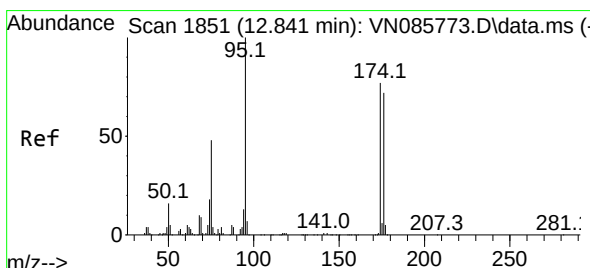
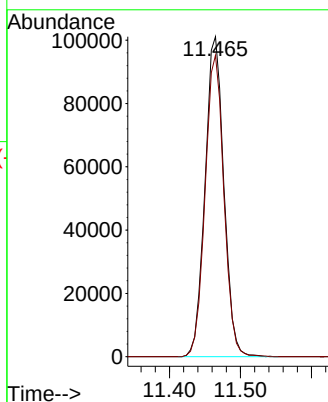
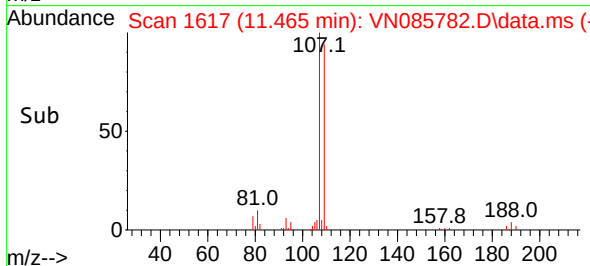
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 18609
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0

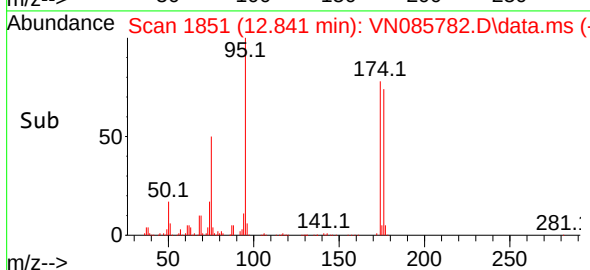
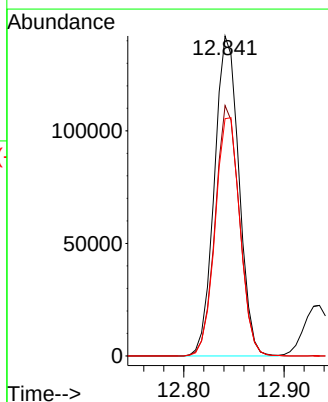
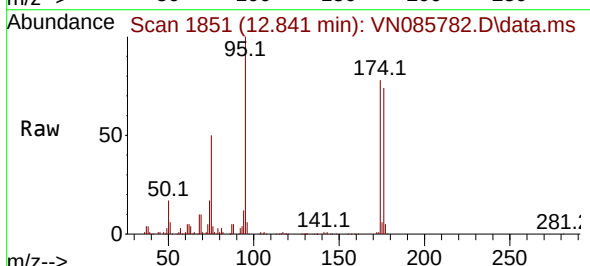
Manual Integrations
APPROVED

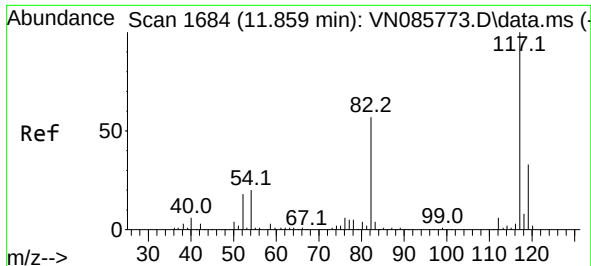
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#62
4-Bromofluorobenzene
Concen: 56.798 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

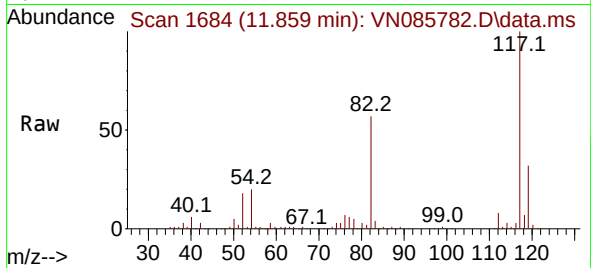
Tgt Ion: 95 Resp: 241495
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.4
176 75.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

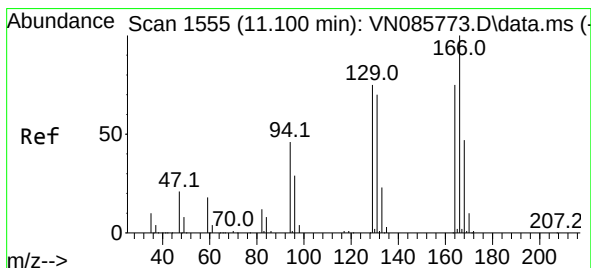
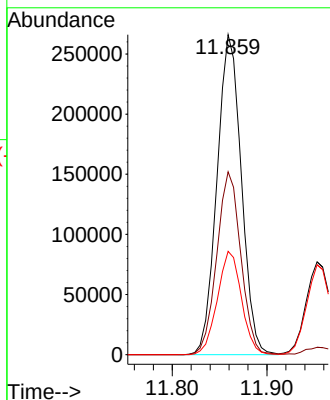
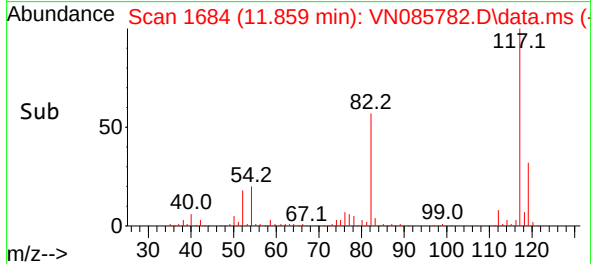
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



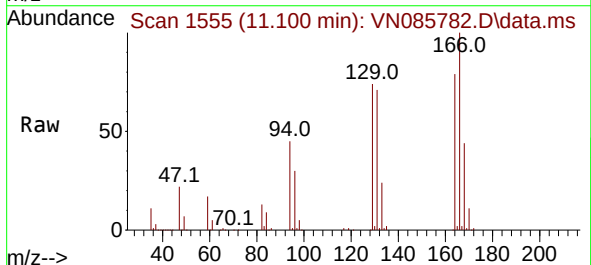
Tgt Ion:117 Resp: 47544
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.3 26.2 39.2

Manual Integrations
APPROVED

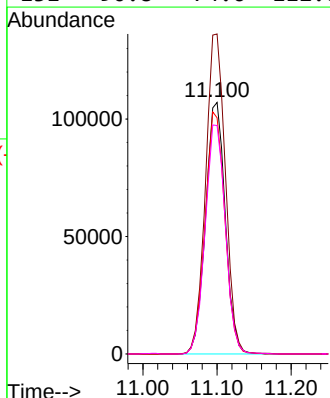
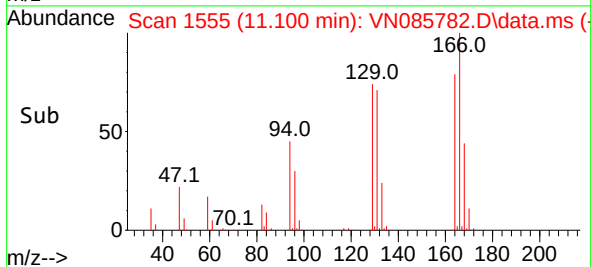
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

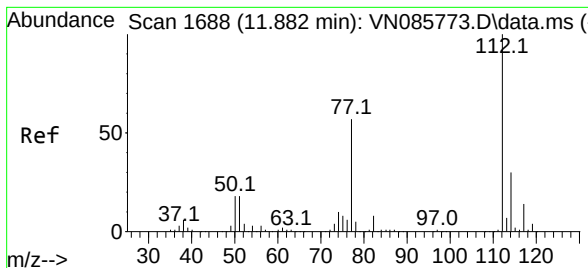


#64
Tetrachloroethene
Concen: 53.585 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



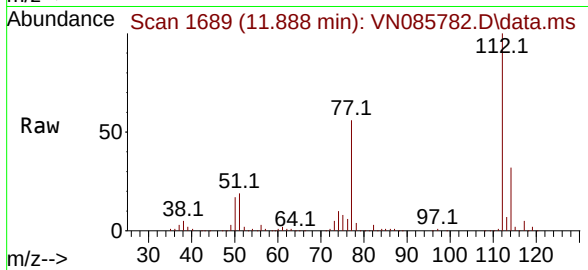
Tgt Ion:164 Resp: 197369
Ion Ratio Lower Upper
164 100
166 127.2 107.2 160.8
129 93.9 80.7 121.1
131 90.8 74.6 112.0





#65
Chlorobenzene
Concen: 51.973 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

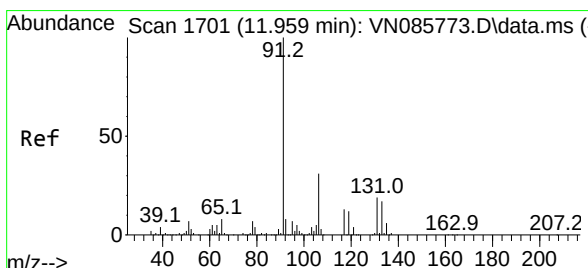
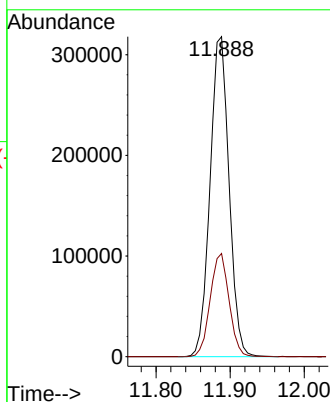
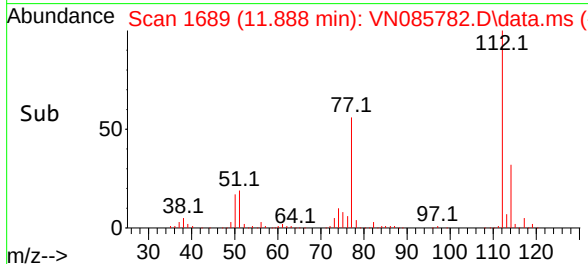
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



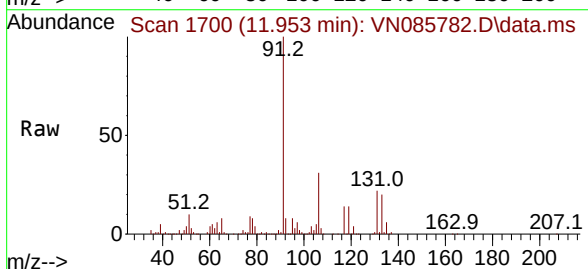
Tgt Ion:112 Resp: 566074
Ion Ratio Lower Upper
112 100
114 32.3 24.3 36.5

Manual Integrations
APPROVED

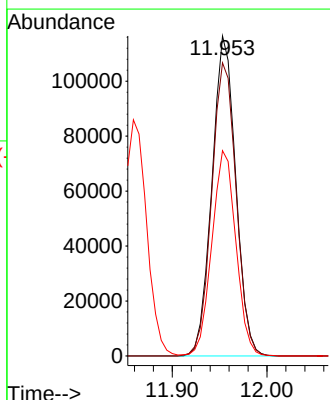
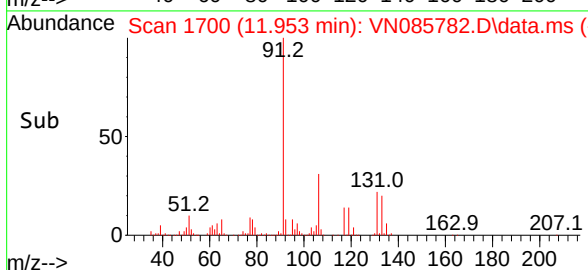
Reviewed By :John Carbone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

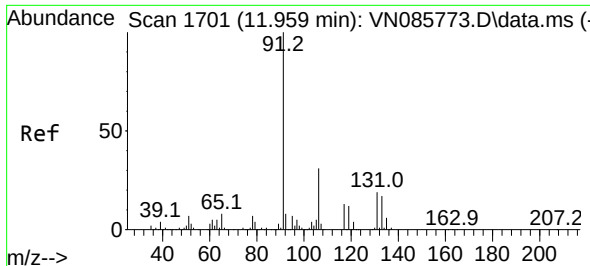


#66
1,1,1,2-Tetrachloroethane
Concen: 51.858 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



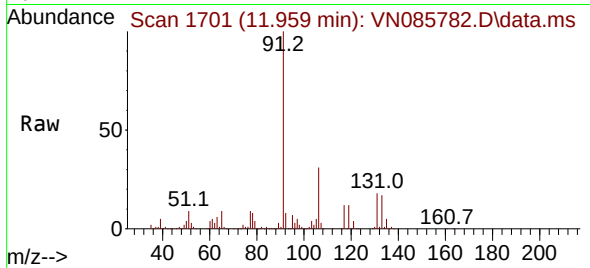
Tgt Ion:131 Resp: 203016
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 65.0 33.3 99.8





#67
Ethyl Benzene
Concen: 57.422 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

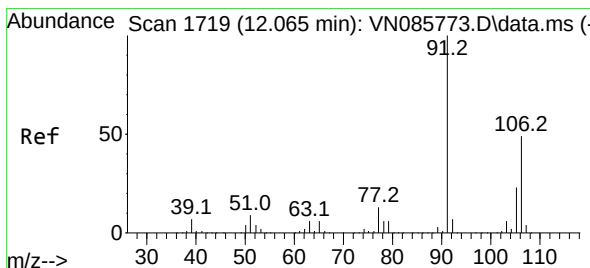
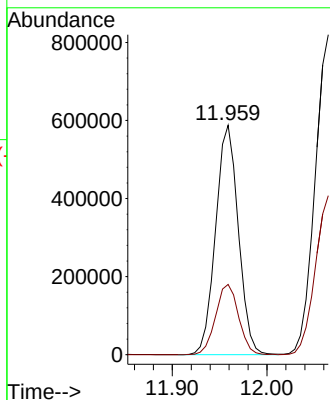
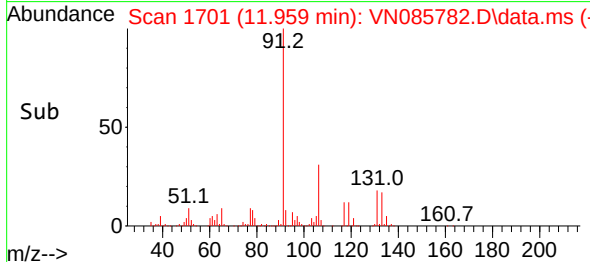
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



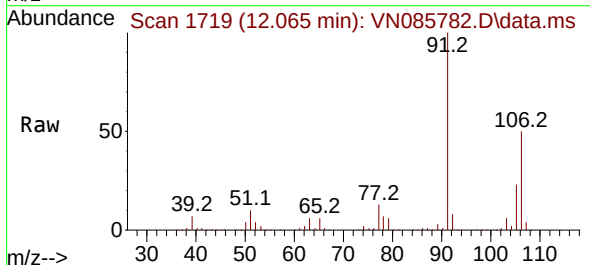
Tgt Ion: 91 Resp: 97969
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1

Manual Integrations
APPROVED

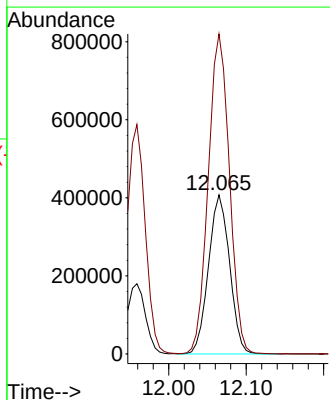
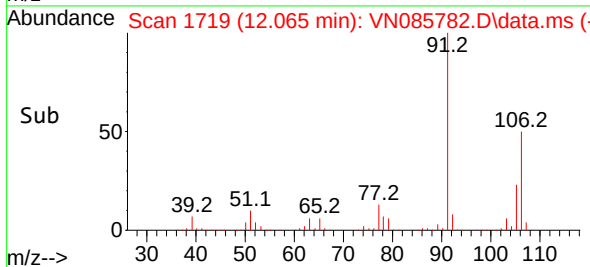
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

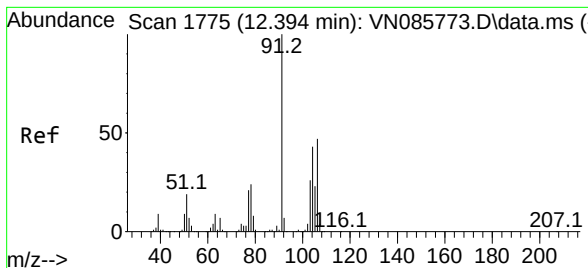


#68
m/p-Xylenes
Concen: 119.029 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



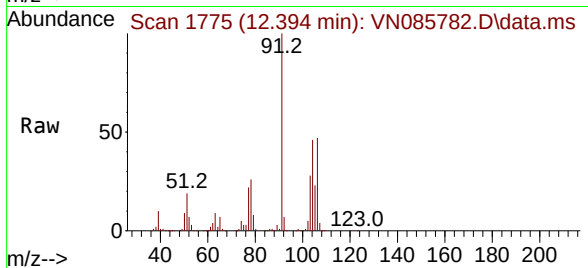
Tgt Ion:106 Resp: 771390
Ion Ratio Lower Upper
106 100
91 201.8 163.3 244.9





#69
o-Xylene
Concen: 58.531 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

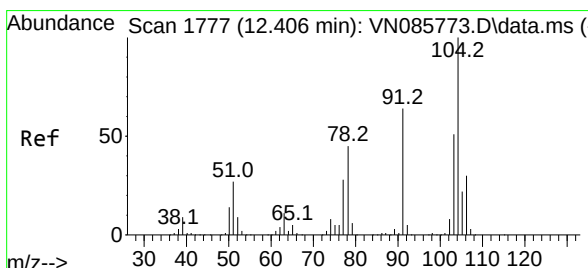
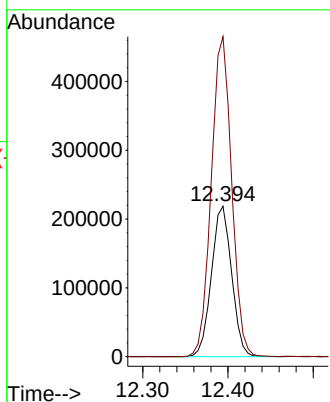
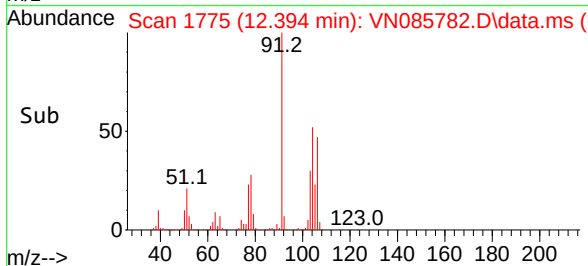
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



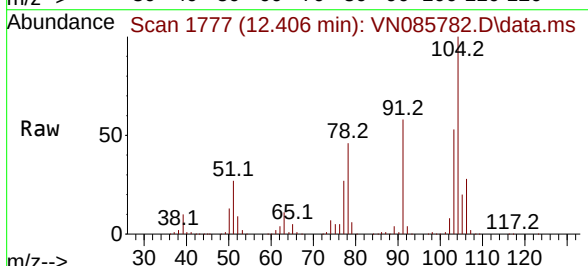
Tgt Ion:106 Resp: 36045
Ion Ratio Lower Upper
106 100
91 214.5 107.1 321.4

Manual Integrations
APPROVED

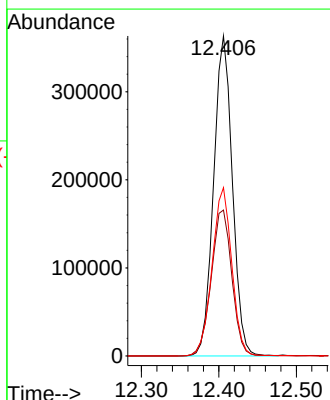
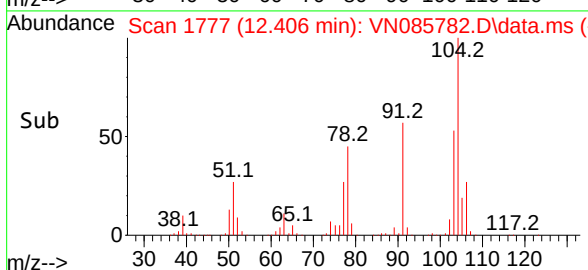
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

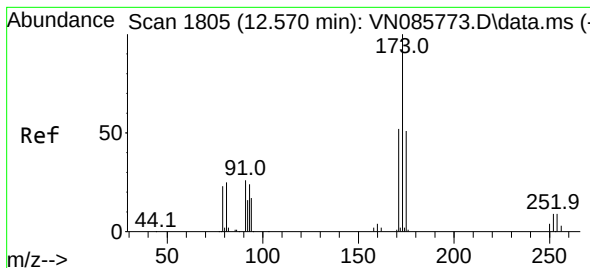


#70
Styrene
Concen: 53.048 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



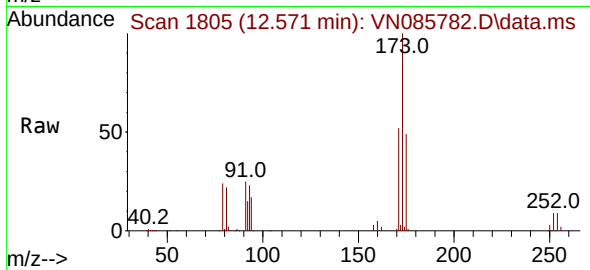
Tgt Ion:104 Resp: 611865
Ion Ratio Lower Upper
104 100
78 50.1 39.0 58.6
103 55.2 43.3 64.9





#71
Bromoform
Concen: 52.740 ug/l
RT: 12.571 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

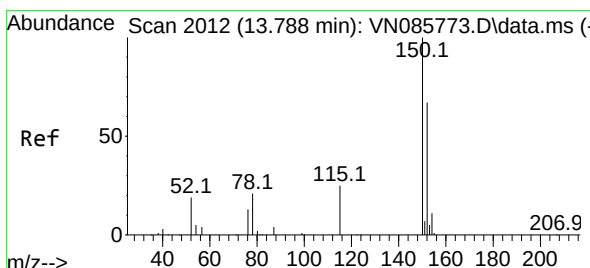
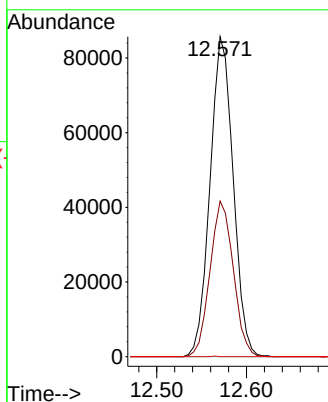
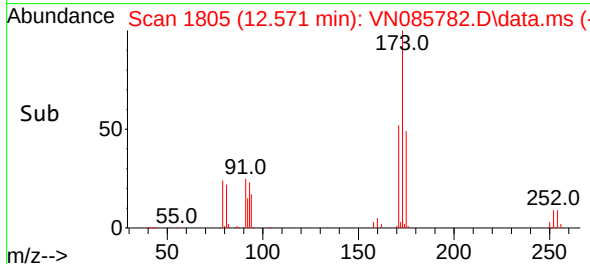
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



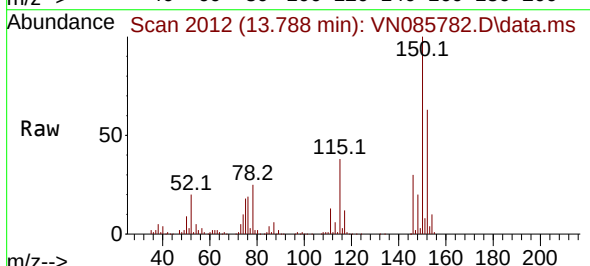
Tgt Ion:173 Resp: 153417
Ion Ratio Lower Upper
173 100
175 48.9 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

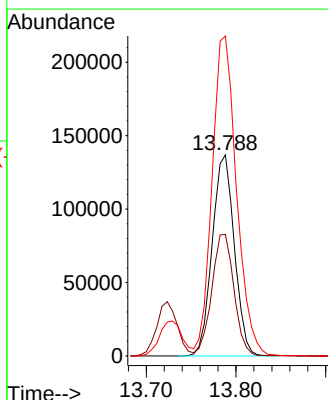
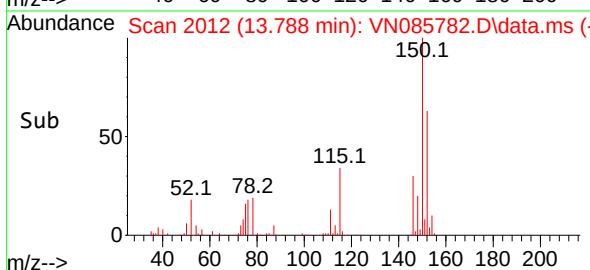
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

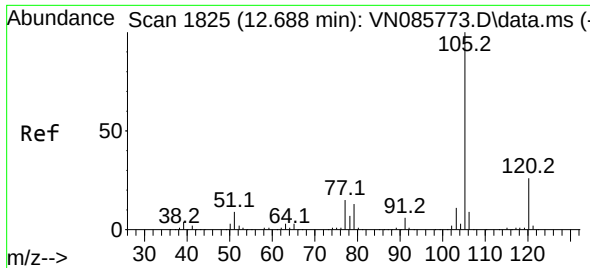


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



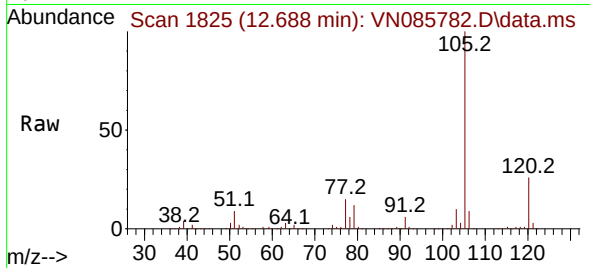
Tgt Ion:152 Resp: 234508
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.3
150 175.5 0.0 345.4





#73
Isopropylbenzene
Concen: 57.227 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

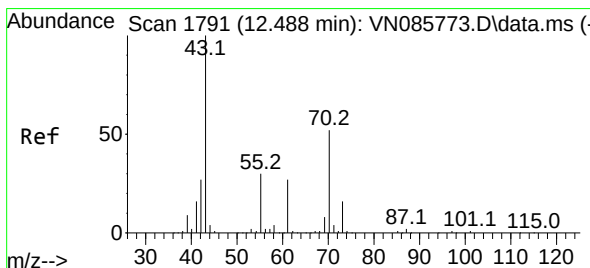
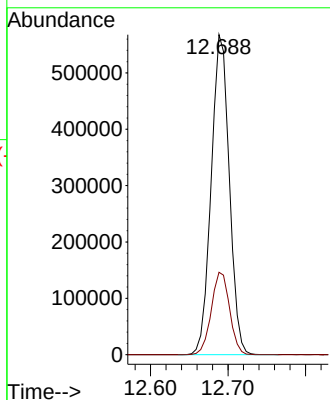
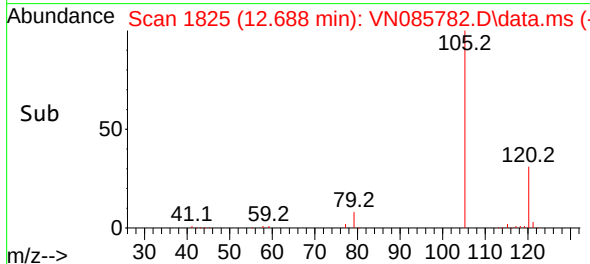
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



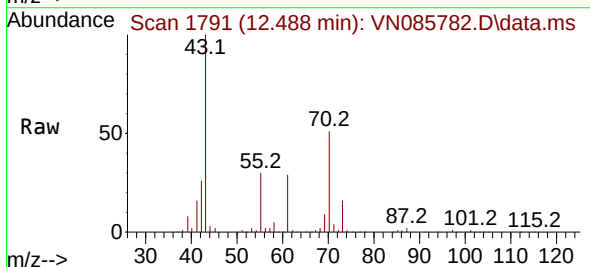
Tgt Ion:105 Resp: 919415
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

Manual Integrations
APPROVED

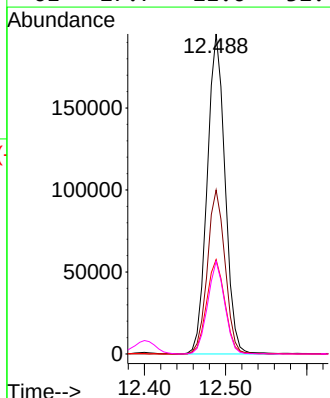
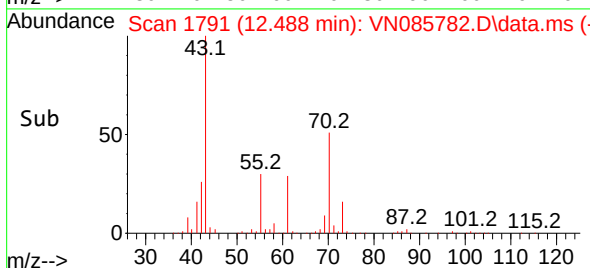
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

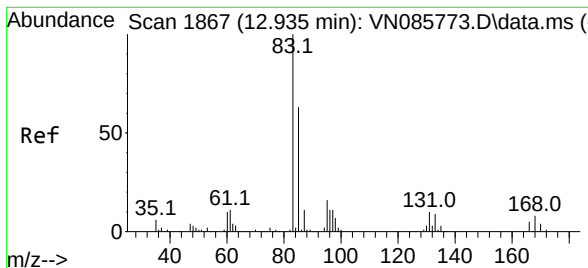


#74
N-ethyl acetate
Concen: 52.516 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



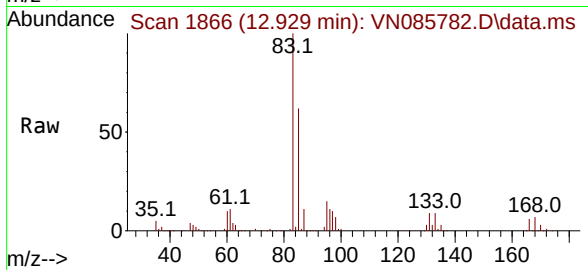
Tgt Ion: 43 Resp: 297533
Ion Ratio Lower Upper
43 100
70 50.7 41.0 61.4
55 30.2 24.6 36.8
61 27.7 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 44.880 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

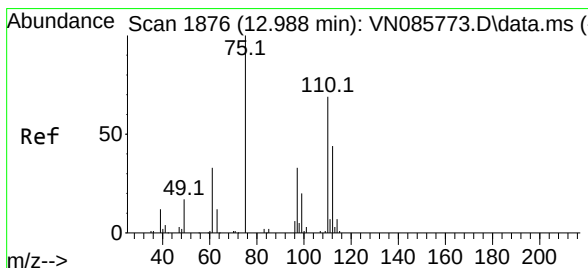
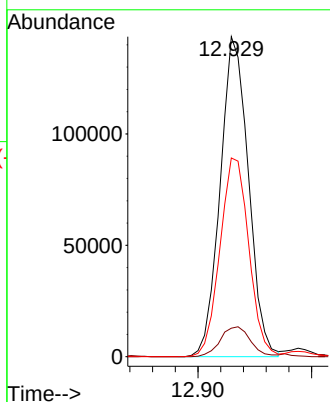
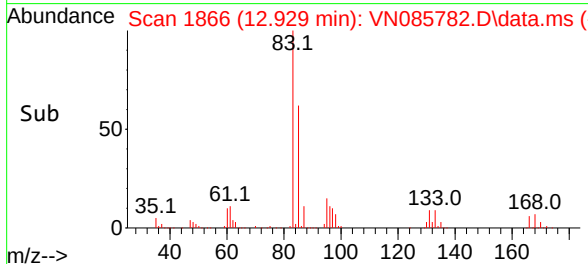
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



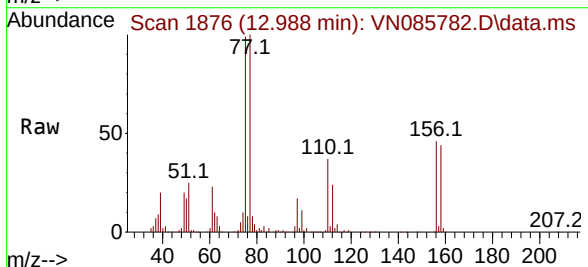
Tgt Ion: 83 Resp: 24812
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.5 32.2 96.6

Manual Integrations
APPROVED

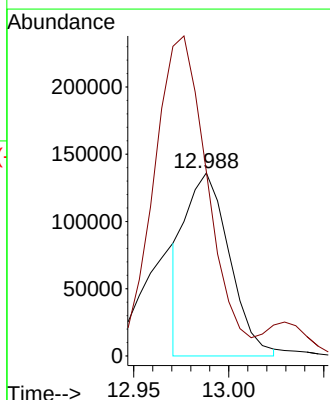
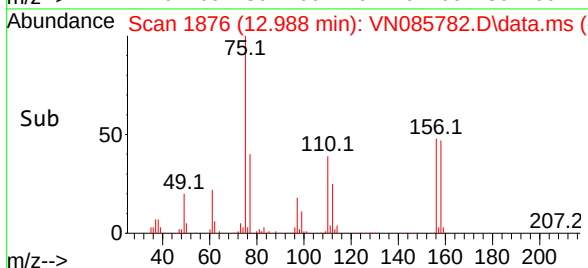
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

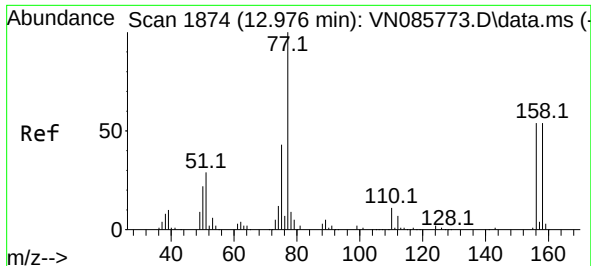


#76
1,2,3-Trichloropropane
Concen: 42.244 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



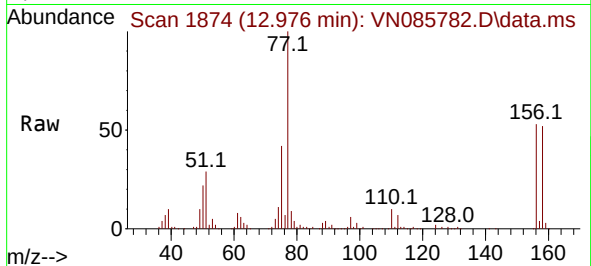
Tgt Ion: 75 Resp: 220059
Ion Ratio Lower Upper
75 100
77 214.2 100.0 300.0





#77
Bromobenzene
Concen: 51.487 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

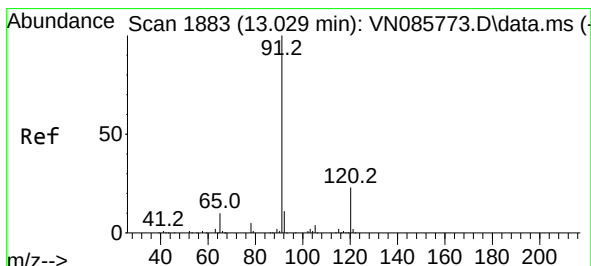
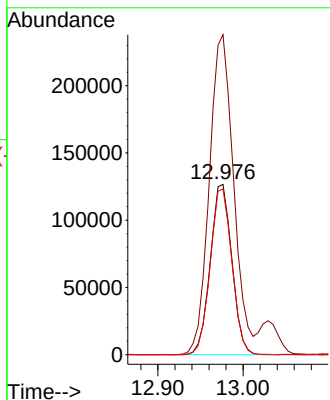
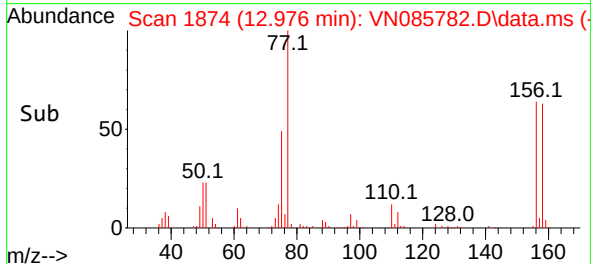
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 22348
Ion Ratio Lower Upper
156 100
77 210.9 104.1 312.3
158 97.5 48.1 144.4

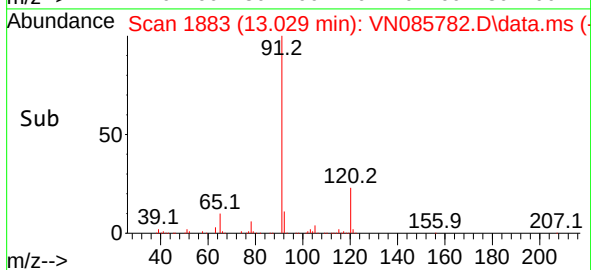
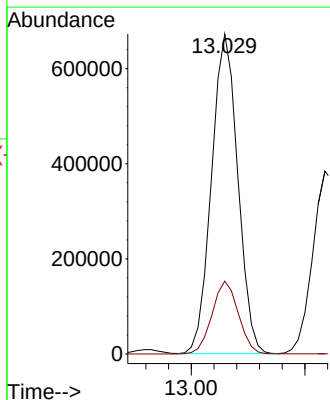
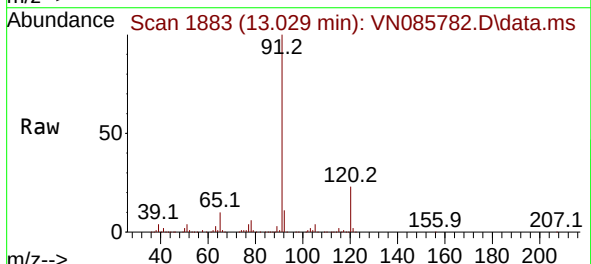
Manual Integrations
APPROVED

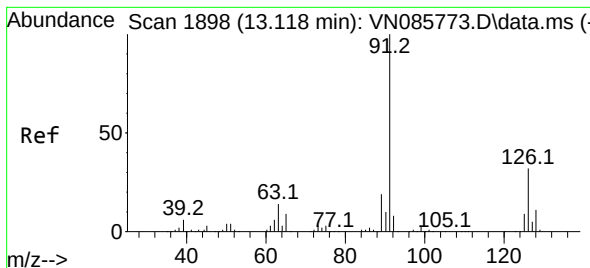
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#78
n-propylbenzene
Concen: 58.766 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

Tgt Ion: 91 Resp: 1081269
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





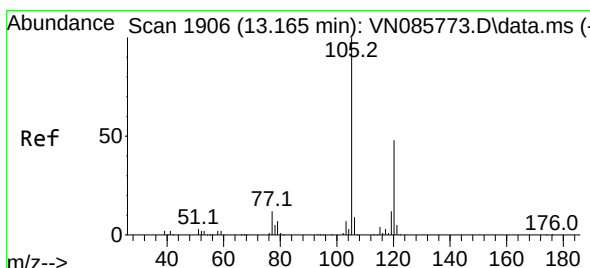
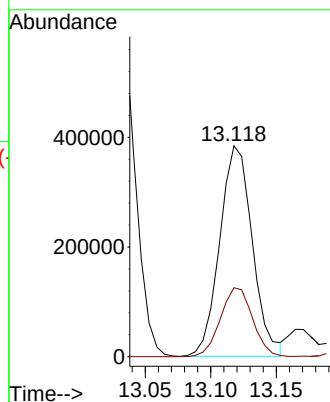
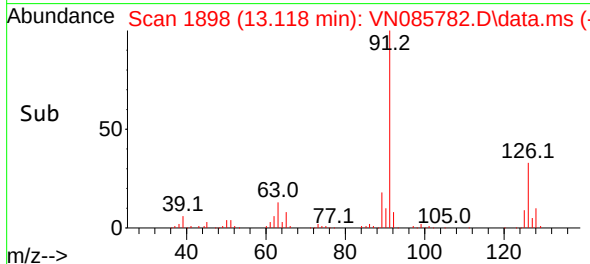
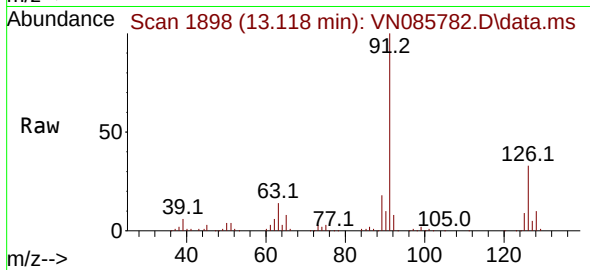
#79
2-Chlorotoluene
Concen: 54.088 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 66493
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1

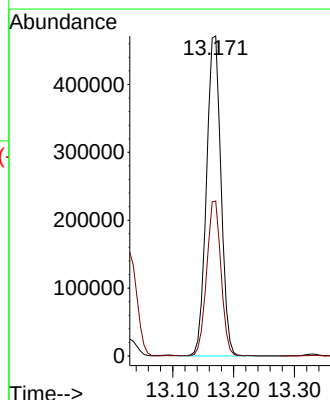
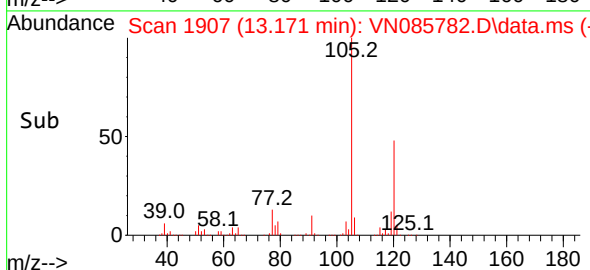
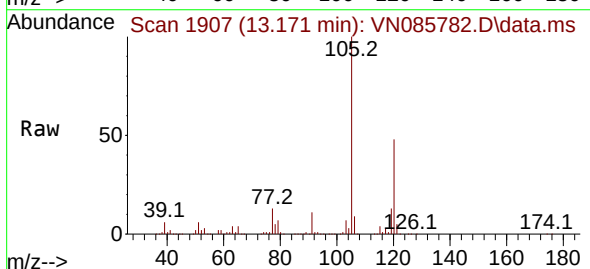
Manual Integrations
APPROVED

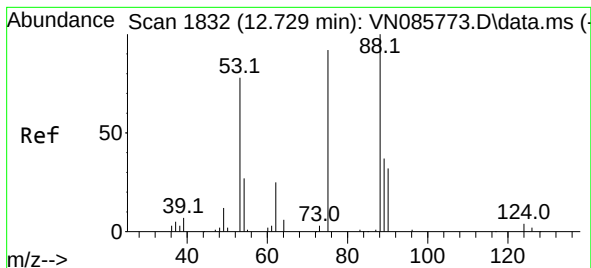
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 59.635 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

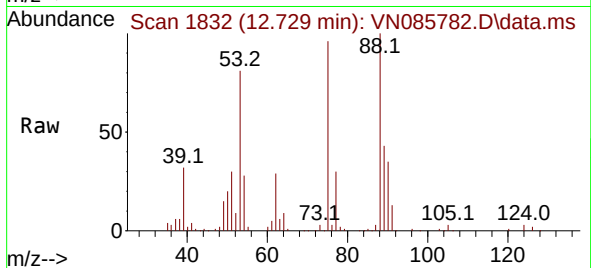
Tgt Ion:105 Resp: 780468
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 52.313 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

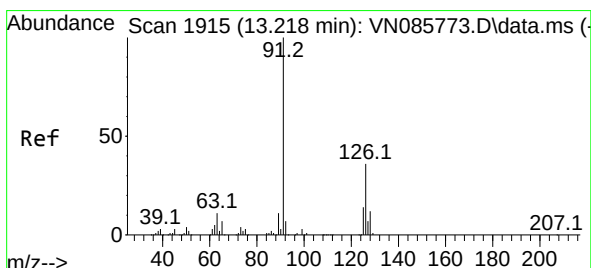
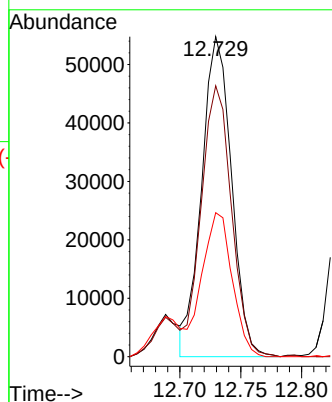
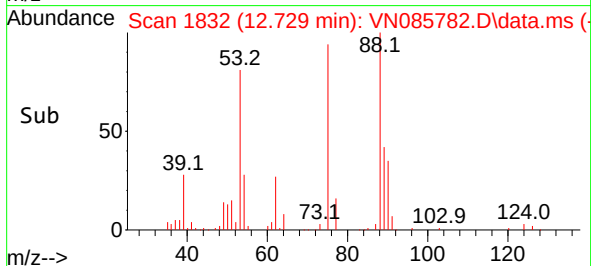
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



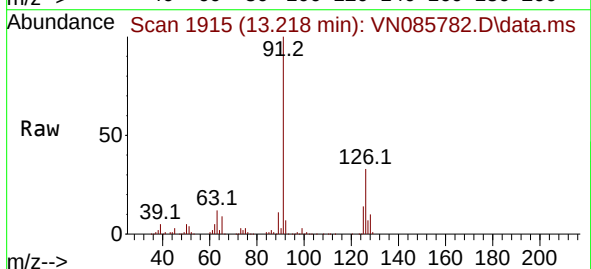
Tgt Ion: 75 Resp: 93397
Ion Ratio Lower Upper
75 100
53 86.2 74.2 111.4
89 44.8 34.9 52.3

Manual Integrations
APPROVED

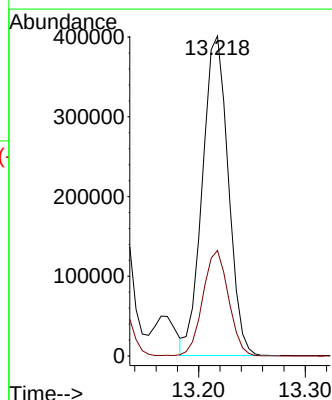
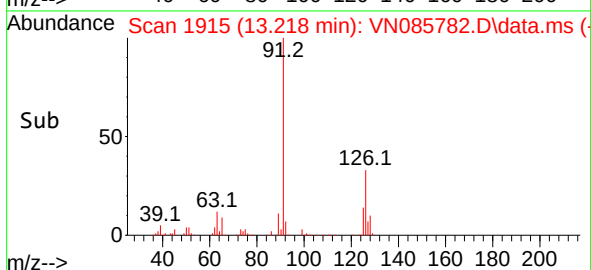
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

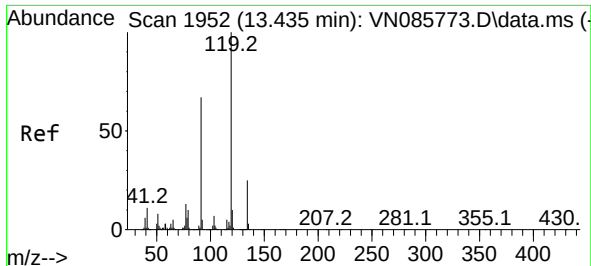


#82
4-Chlorotoluene
Concen: 55.443 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



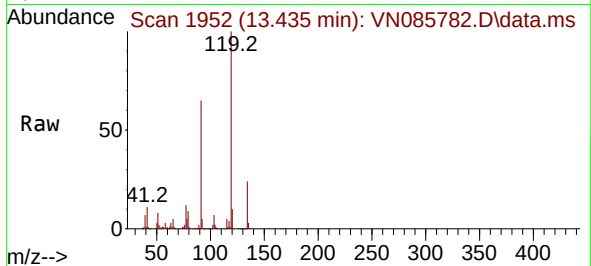
Tgt Ion: 91 Resp: 675694
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 59.805 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085782.D
 Acq: 19 Feb 2025 10:51

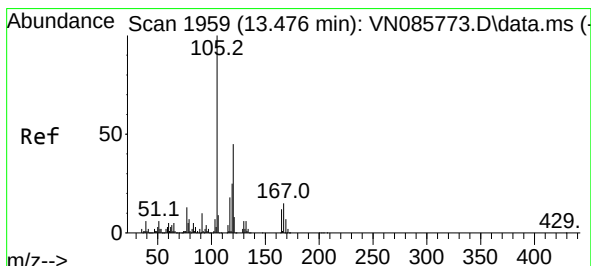
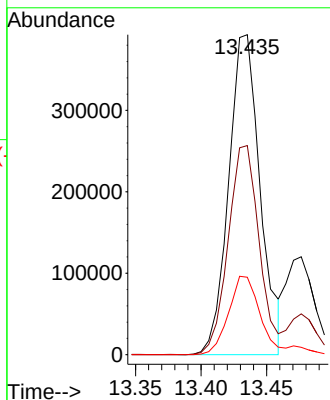
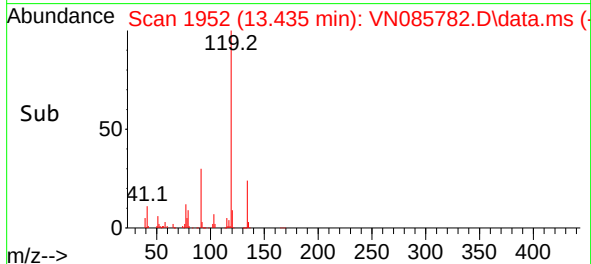
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



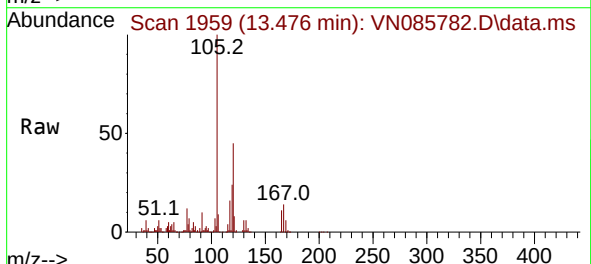
Tgt Ion:119 Resp: 65817
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.5 97.5
 134 24.4 13.3 39.9

Manual Integrations
 APPROVED

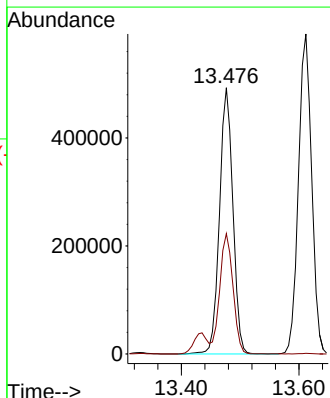
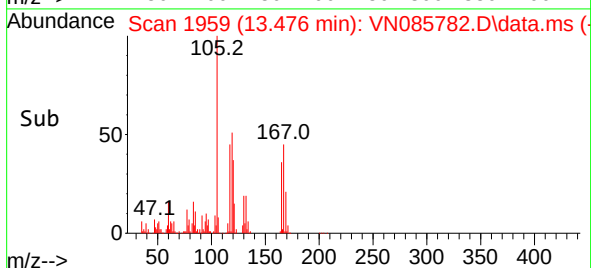
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

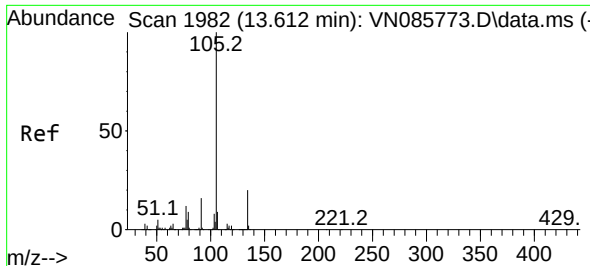


#84
 1,2,4-Trimethylbenzene
 Concen: 60.149 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085782.D
 Acq: 19 Feb 2025 10:51



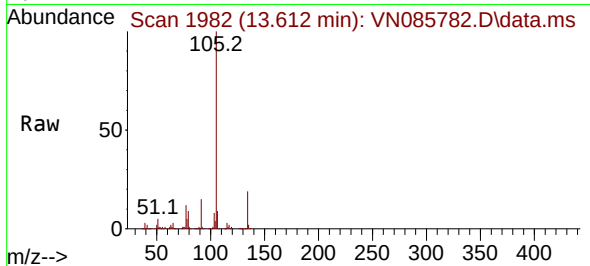
Tgt Ion:105 Resp: 778821
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 59.326 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085782.D
 Acq: 19 Feb 2025 10:51

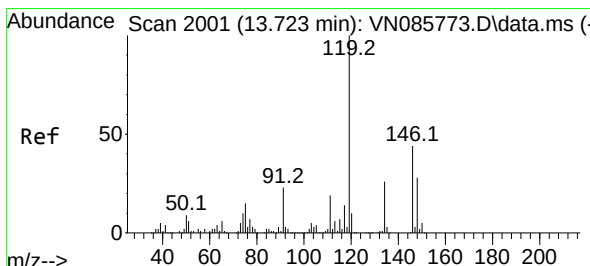
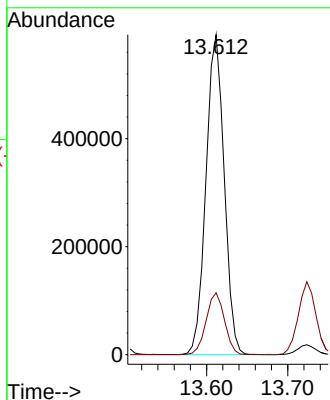
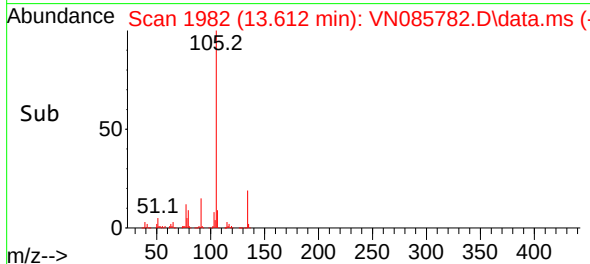
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



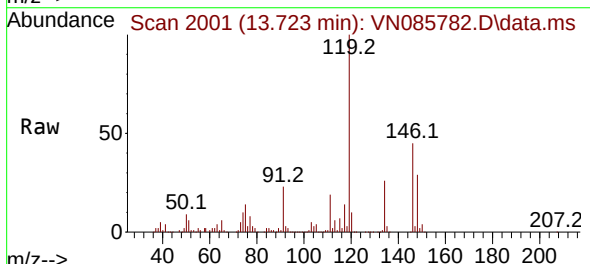
Tgt Ion:105 Resp: 922480
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
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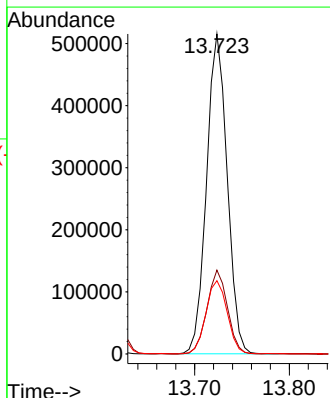
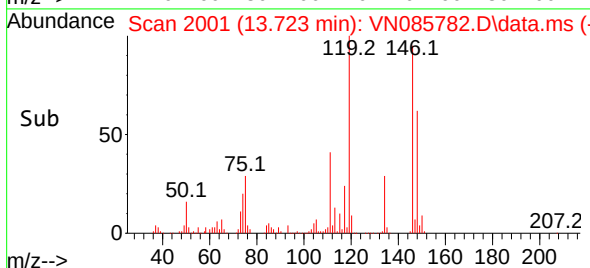
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

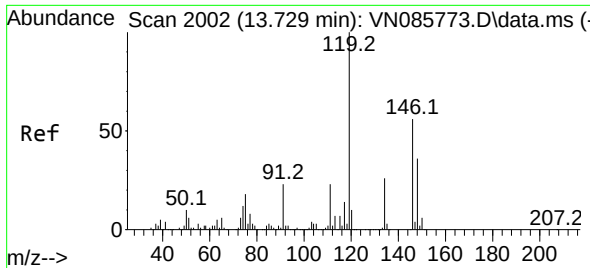


#86
 p-Isopropyltoluene
 Concen: 54.162 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085782.D
 Acq: 19 Feb 2025 10:51



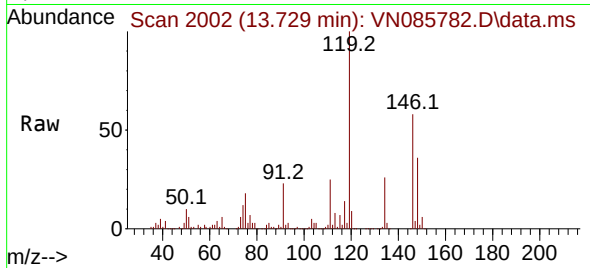
Tgt Ion:119 Resp: 777520
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.6 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 51.645 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

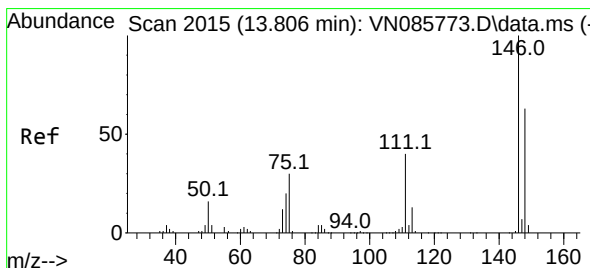
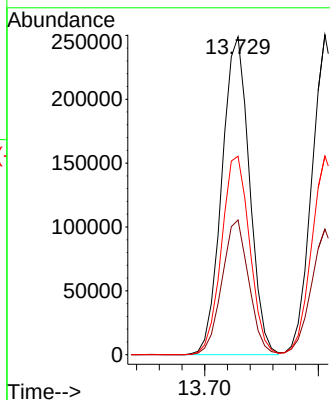
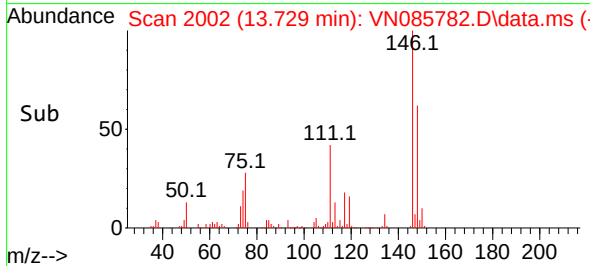
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



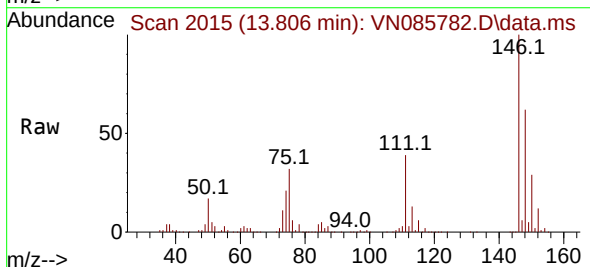
Tgt Ion:146 Resp: 41999
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.3
148 63.7 32.1 96.5

Manual Integrations
APPROVED

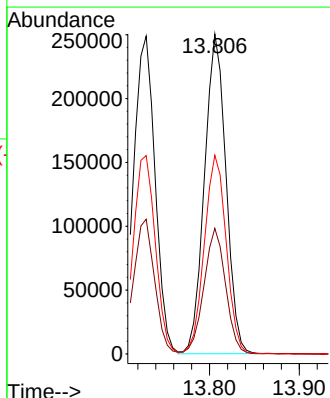
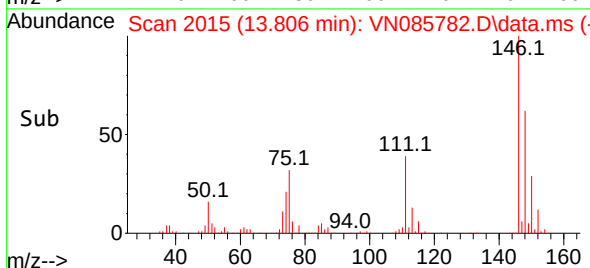
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

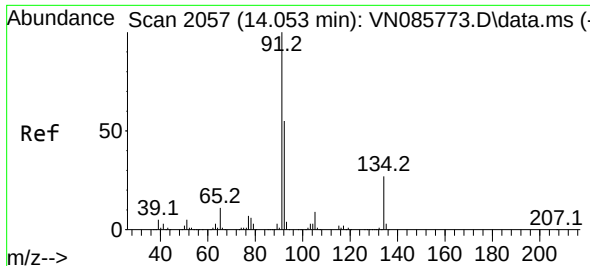


#88
1,4-Dichlorobenzene
Concen: 49.992 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



Tgt Ion:146 Resp: 416682
Ion Ratio Lower Upper
146 100
111 39.3 20.4 61.3
148 63.5 31.8 95.4





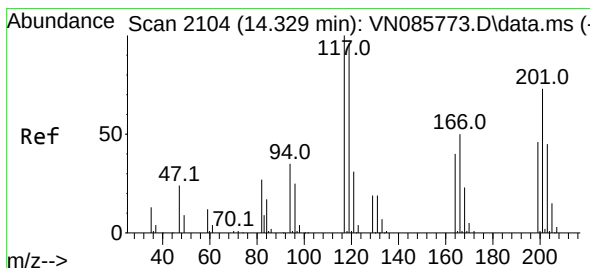
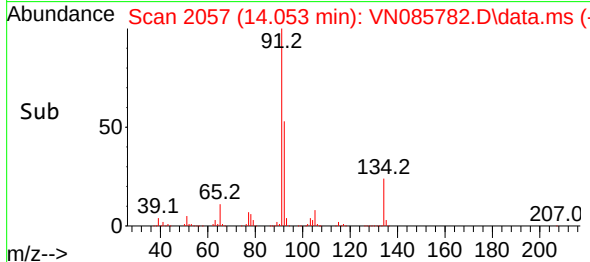
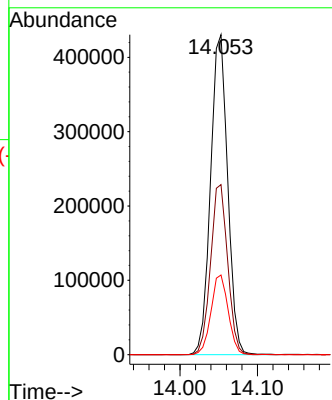
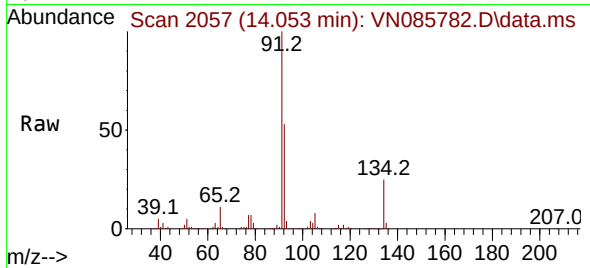
#89
n-Butylbenzene
Concen: 59.684 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 658902
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.3
134 25.1 12.7 38.1

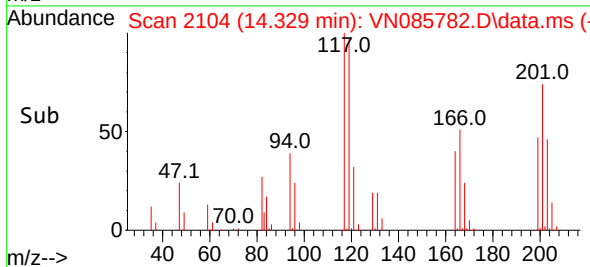
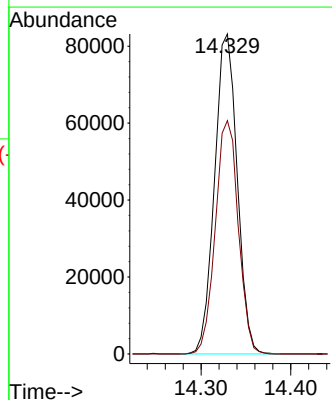
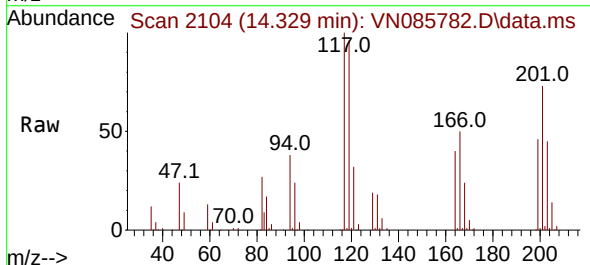
Manual Integrations
APPROVED

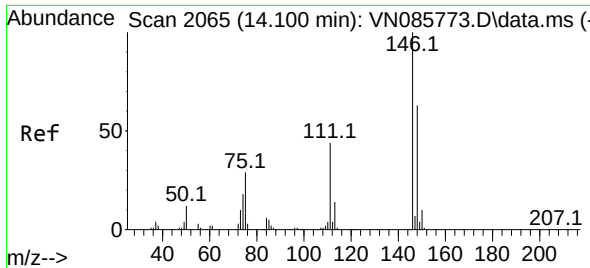
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#90
Hexachloroethane
Concen: 49.529 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

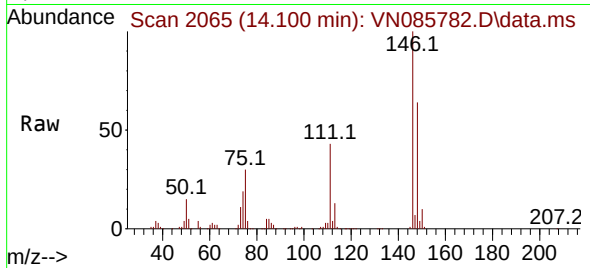
Tgt Ion:117 Resp: 145854
Ion Ratio Lower Upper
117 100
201 73.9 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 51.099 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

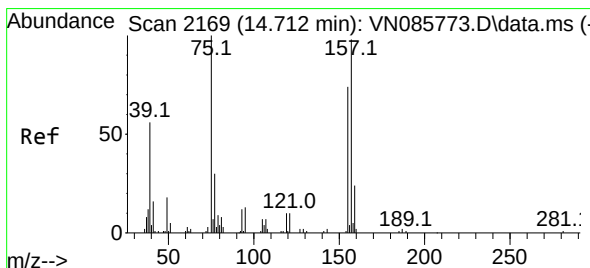
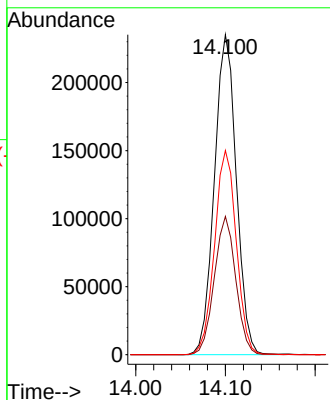
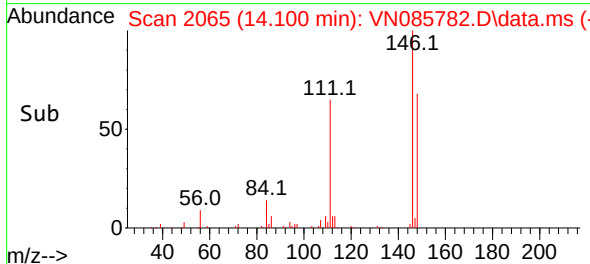
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



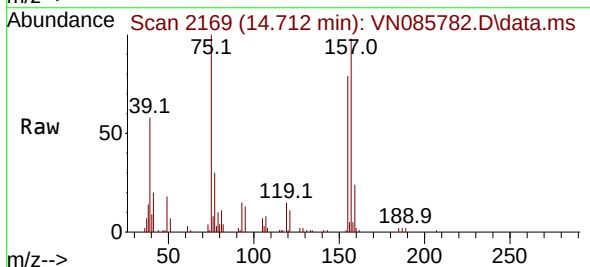
Tgt Ion:146 Resp: 399598
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.4 32.0 96.2

Manual Integrations
APPROVED

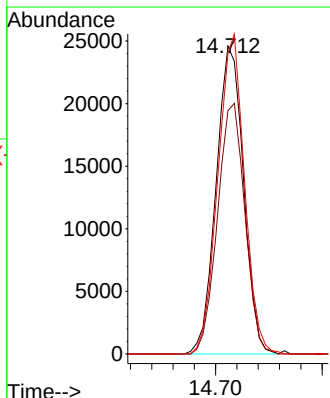
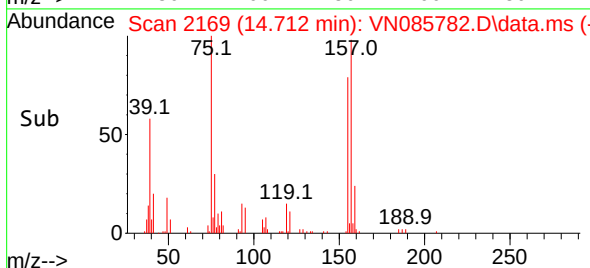
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

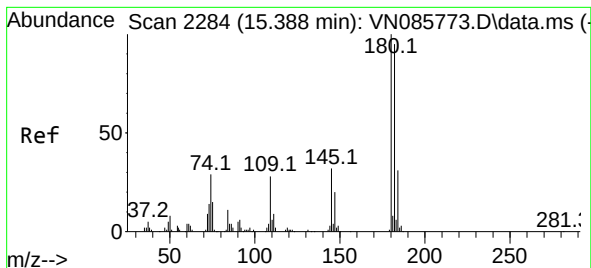


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.220 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



Tgt Ion: 75 Resp: 43877
Ion Ratio Lower Upper
75 100
155 81.5 39.9 119.6
157 100.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 52.761 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 19660

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

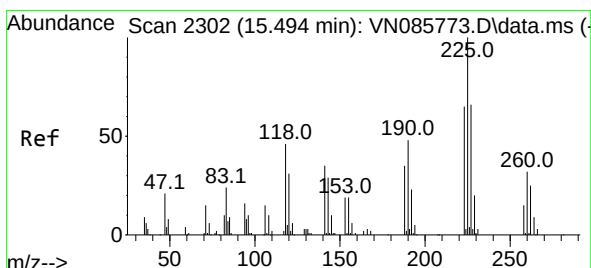
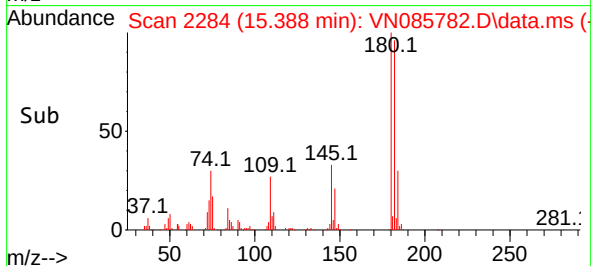
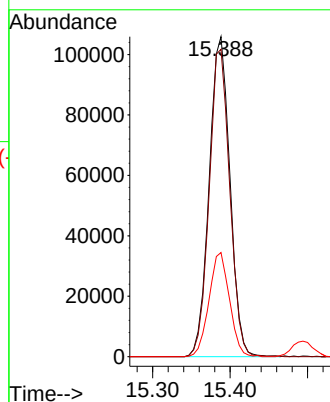
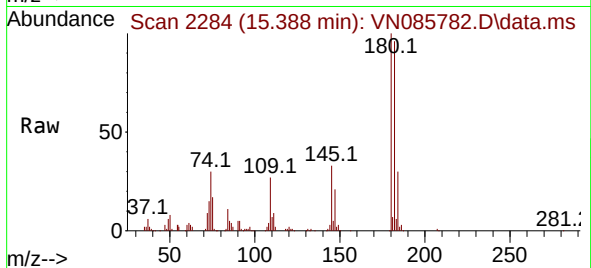
145 32.2 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#94

Hexachlorobutadiene

Concen: 46.692 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN085782.D

Acq: 19 Feb 2025 10:51

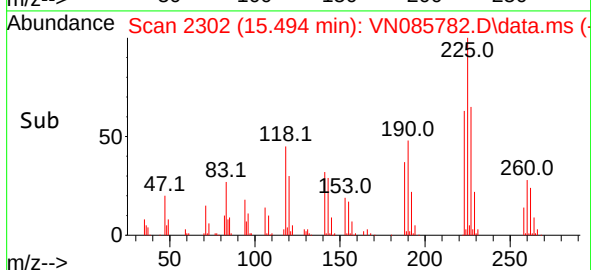
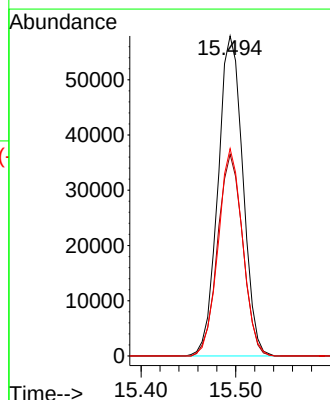
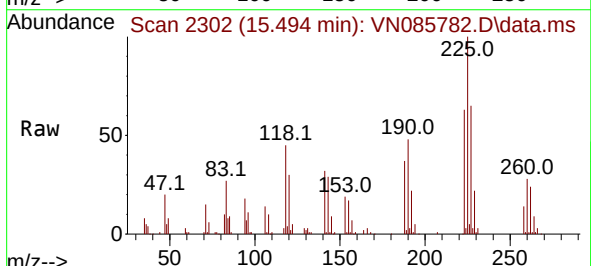
Tgt Ion:225 Resp: 105741

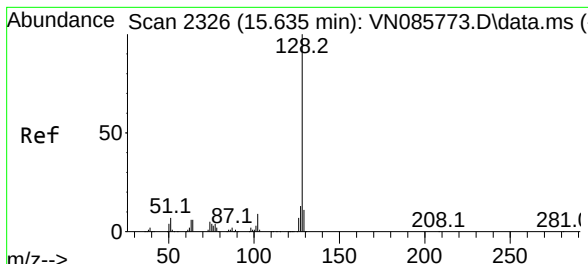
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.5

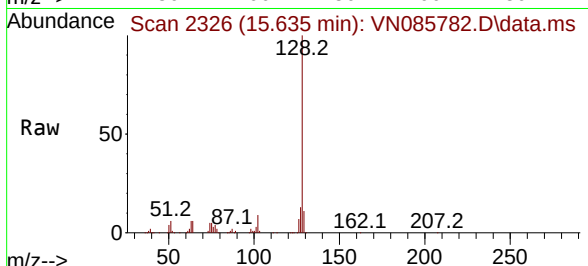
227 63.5 32.2 96.6





#95
Naphthalene
Concen: 52.080 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51

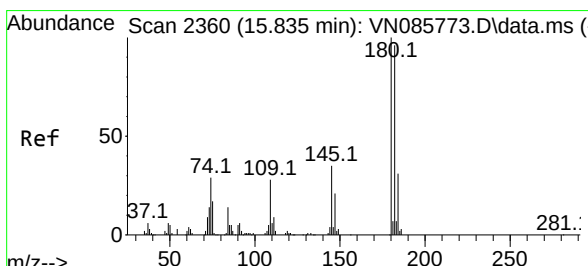
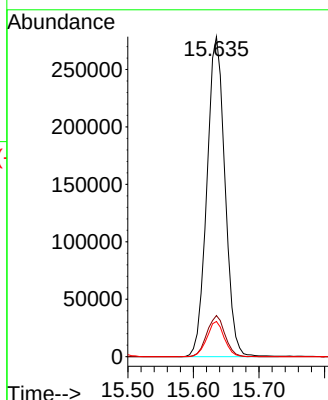
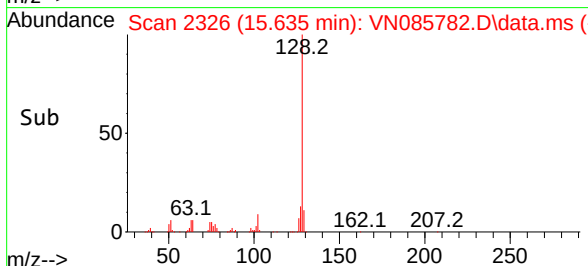
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



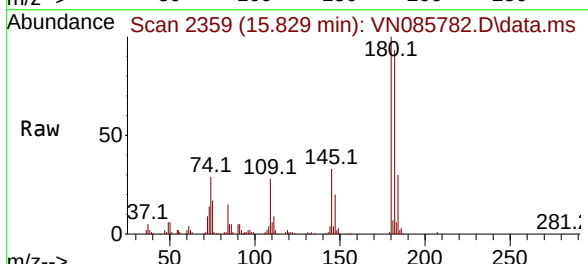
Tgt Ion:128 Resp: 532789
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.111 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN085782.D
Acq: 19 Feb 2025 10:51



Tgt Ion:180 Resp: 187463
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 33.8 16.9 50.6

