

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085274.D
 Acq On : 20 Dec 2024 10:53
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Dec 21 01:42:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 01:29:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29588	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	155749	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	147286	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77354	29.719	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.067%		
60) 4-Bromofluorobenzene	12.847	95	71225	29.854	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.500%		
63) Toluene-d8	10.565	98	212997	29.616	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.733%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	125152	50.588	ug/l	100
3) Chloromethane	2.359	50	125132	50.096	ug/l	100
4) Vinyl Chloride	2.512	62	123837	48.826	ug/l	97
5) Bromomethane	2.948	94	71335	48.112	ug/l	100
6) Chloroethane	3.112	64	77595	48.464	ug/l	92
7) Trichlorofluoromethane	3.495	101	173348	49.749	ug/l	97
8) Diethyl Ether	3.959	74	59743	49.784	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	97445	48.701	ug/l	98
10) 1,1-Dichloroethene	4.336	96	89996	49.235	ug/l	90
11) Methyl Iodide	4.583	142	113125	51.640	ug/l	97
12) Methyl Acetate	5.024	43	135823	49.796	ug/l	97
13) Acrolein	4.177	56	54376	223.139	ug/l	100
14) Acrylonitrile	5.712	53	265775	251.737	ug/l	99
15) Acetone	4.430	58	64795	243.294	ug/l	98
16) Carbon Disulfide	4.706	76	271267	48.822	ug/l	98
17) Allyl chloride	5.018	41	147944	50.034	ug/l	95
18) Methylene Chloride	5.271	84	105769	48.560	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	95330	50.143	ug/l	96
20) Diisopropyl ether	6.671	45	342293	50.511	ug/l	98
21) 1,1-Dichloroethane	6.565	63	194526	49.102	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	111942	49.447	ug/l	98
23) tert-Butyl Alcohol	5.524	59	87172	250.534	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	303617	50.607	ug/l	98
25) Chloroform	7.965	83	196531	48.939	ug/l	100
26) Cyclohexane	8.253	56	155515	51.487	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	134525	49.747	ug/l	99
30) 2-Butanone	7.483	43	357311	250.324	ug/l	100
31) 2,2-Dichloropropane	7.489	77	167877	48.993	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	170514	48.506	ug/l	99
33) Carbon Tetrachloride	8.359	117	150812	49.008	ug/l	96
34) Benzene	8.600	78	417957	48.897	ug/l	97
35) Methacrylonitrile	7.777	41	77907	49.305	ug/l	97
36) 1,2-Dichloroethane	8.671	62	149871	48.487	ug/l	100
37) Trichloroethene	9.347	130	91953	48.894	ug/l	96
38) Methylcyclohexane	9.600	83	141960	50.730	ug/l	96
39) 1,2-Dichloropropane	9.618	63	107319	49.348	ug/l	98
40) Dibromomethane	9.706	93	74458	49.107	ug/l	99
41) Bromodichloromethane	9.882	83	154374	48.718	ug/l	98
42) Vinyl Acetate	6.600	43	1291146	256.254	ug/l	100

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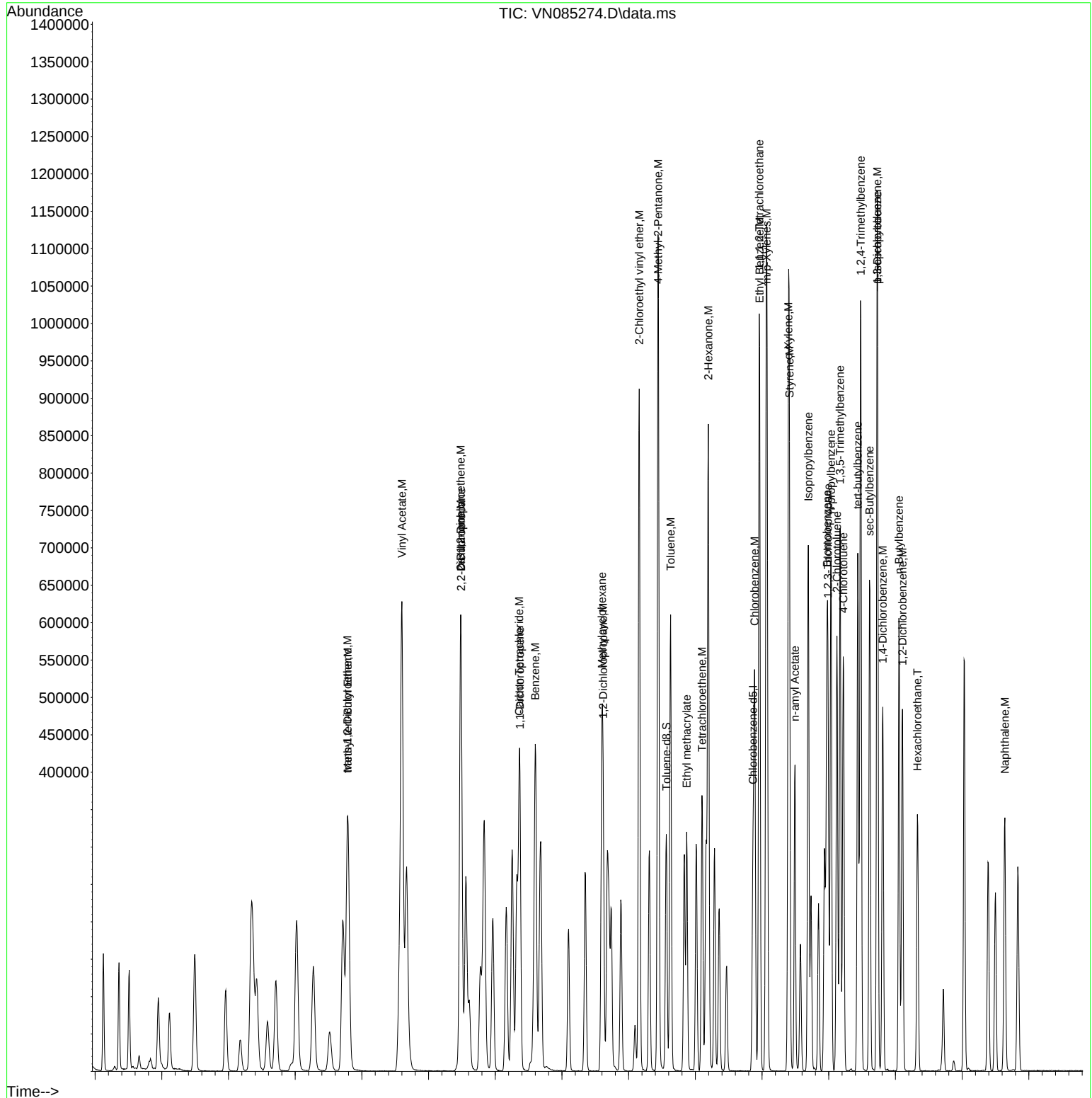
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	147156	49.852	ug/l	95
44) Isopropyl Acetate	8.688	43	241079	49.163	ug/l	98
45) 1,4-Dioxane	9.694	88	39688	1040.566	ug/l	96
46) Methyl methacrylate	9.677	41	116559	51.209	ug/l	98
47) n-amyl Acetate	12.494	43	212696	50.916	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	156703	50.066	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	167067	49.650	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	95304	48.061	ug/l	94
51) Ethyl methacrylate	10.871	69	154832	51.624	ug/l	93
52) 1,3-Dichloropropane	11.159	76	171106	49.432	ug/l	100
53) Dibromochloromethane	11.359	129	113404	48.807	ug/l	99
54) 1,2-Dibromoethane	11.471	107	94603	49.297	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	389749	252.280	ug/l	99
56) Bromoform	12.576	173	73622	48.571	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	750694	251.417	ug/l	99
59) 2-Hexanone	11.194	43	553103	254.992	ug/l	99
61) Tetrachloroethene	11.100	164	79591	48.406	ug/l	95
62) Toluene	10.630	91	439961	48.622	ug/l	99
64) Chlorobenzene	11.888	112	268859	49.265	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	96474	48.745	ug/l	99
66) Ethyl Benzene	11.965	91	480323	50.448	ug/l	97
67) m/p-Xylenes	12.071	106	367404	102.858	ug/l	99
68) o-Xylene	12.394	106	173012	50.851	ug/l	100
69) Styrene	12.412	104	302535	52.615	ug/l	99
70) Isopropylbenzene	12.694	105	442423	51.786	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	145707	48.087	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	136966m	50.442	ug/l	
73) Bromobenzene	12.976	156	106099	50.270	ug/l	99
74) n-propylbenzene	13.035	91	542722	50.991	ug/l	98
75) 2-Chlorotoluene	13.123	91	326274	50.887	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	381614	52.349	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	52968	50.256	ug/l	98
78) 4-Chlorotoluene	13.218	91	332540	51.010	ug/l	100
79) tert-butylbenzene	13.435	119	310813	52.136	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	381672	52.620	ug/l	99
81) sec-Butylbenzene	13.612	105	448352	52.091	ug/l	99
82) p-Isopropyltoluene	13.729	119	373378	52.675	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	198317	50.383	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	194944	51.191	ug/l	97
85) n-Butylbenzene	14.053	91	316703	51.751	ug/l	99
86) Hexachloroethane	14.329	117	74758	49.126	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	192508	51.479	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	28112	50.822	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	91492	51.642	ug/l	99
90) Hexachlorobutadiene	15.500	225	42618	48.259	ug/l	94
91) Naphthalene	15.641	128	294265	51.695	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	91492	51.642	ug/l	99

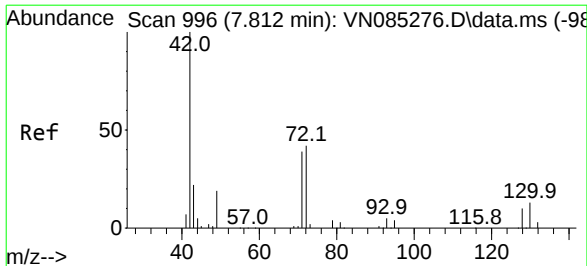
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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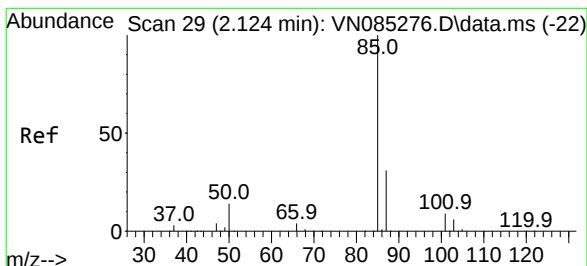
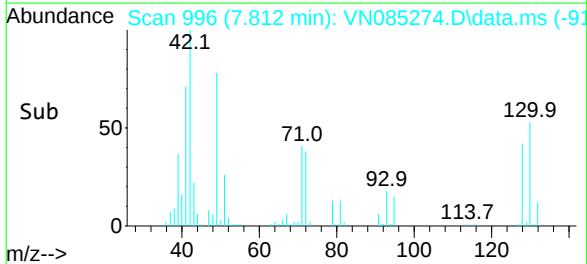
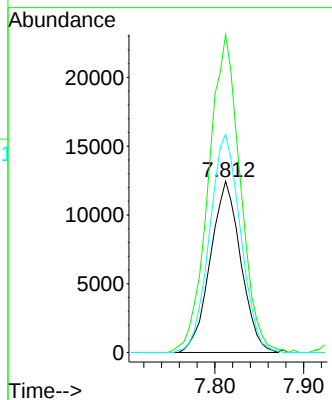
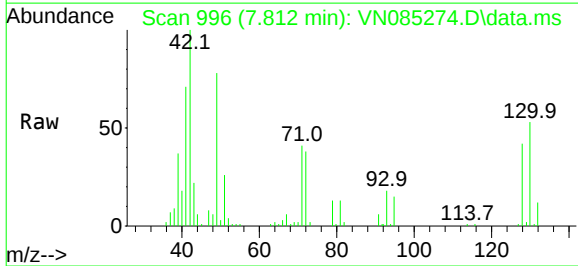




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
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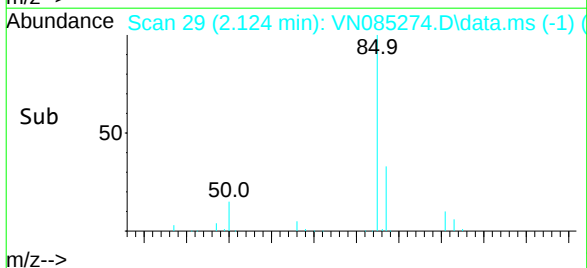
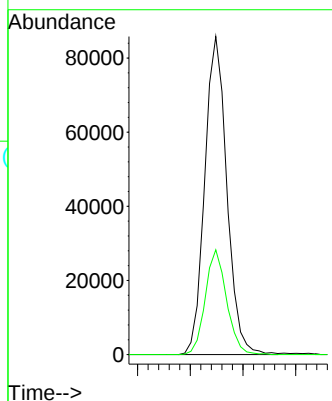
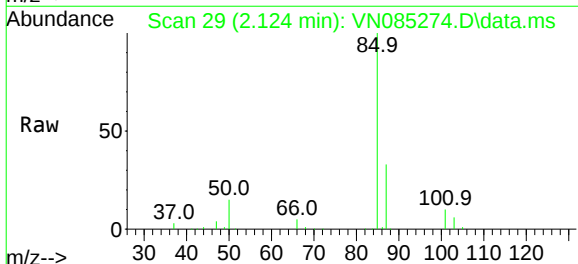
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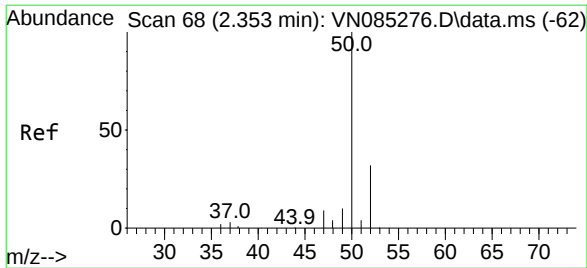
Tgt Ion	Ratio	Lower	Upper
128	100		
49	194.2	0.0	497.8
130	130.6	0.0	328.5



#2
Dichlorodifluoromethane
Concen: 50.588 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085274.D
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Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.5	49.5

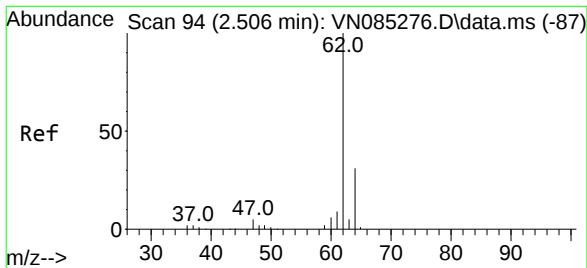
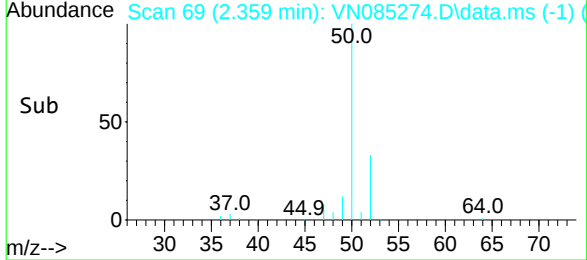
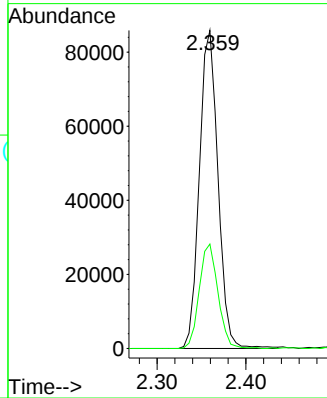
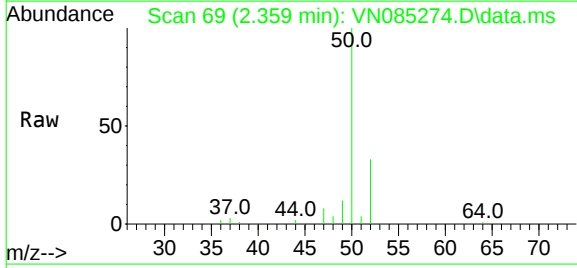




#3
Chloromethane
Concen: 50.096 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

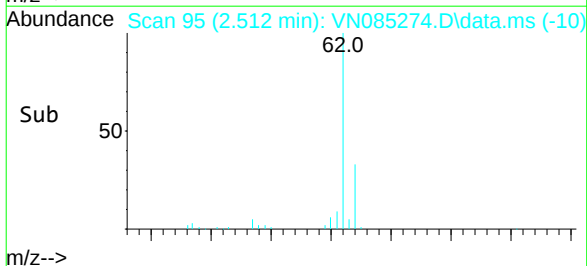
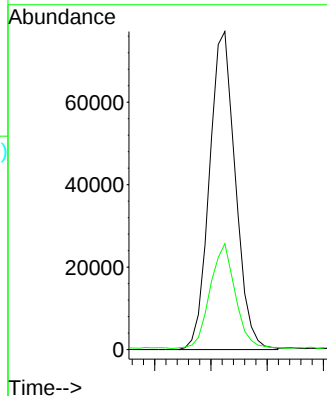
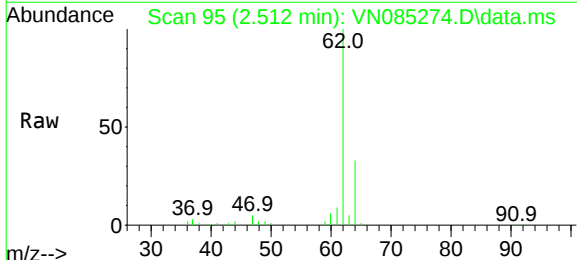
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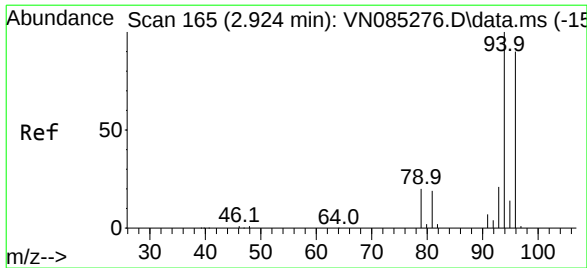
Tgt Ion: 50 Resp: 125132
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7



#4
Vinyl Chloride
Concen: 48.826 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 62 Resp: 123837
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.4

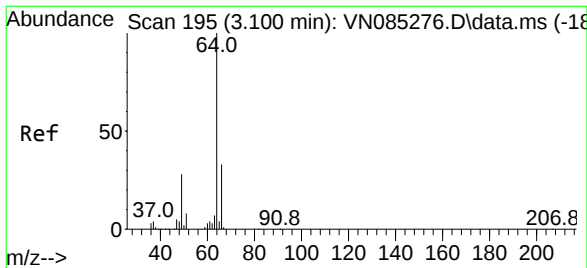
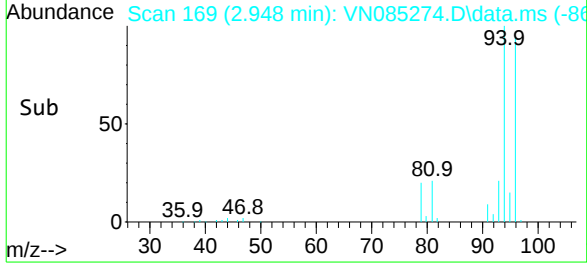
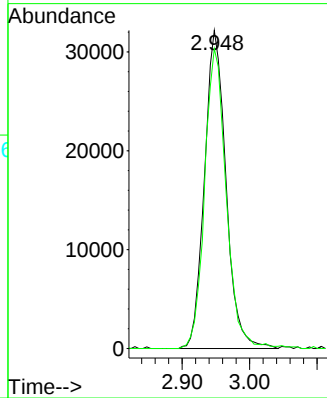
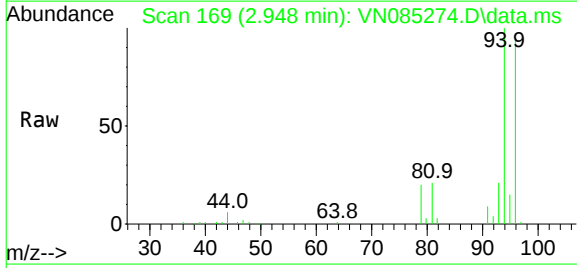




#5
Bromomethane
Concen: 48.112 ug/l
RT: 2.948 min Scan# 16
Delta R.T. -0.012 min
Lab File: VN085274.D
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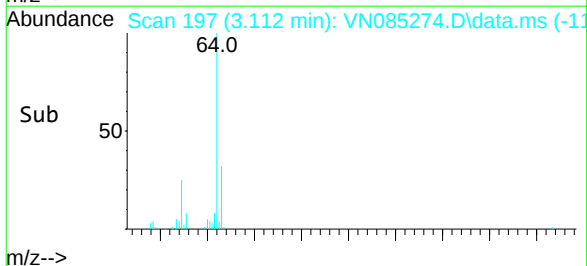
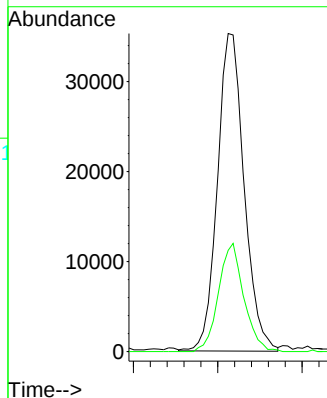
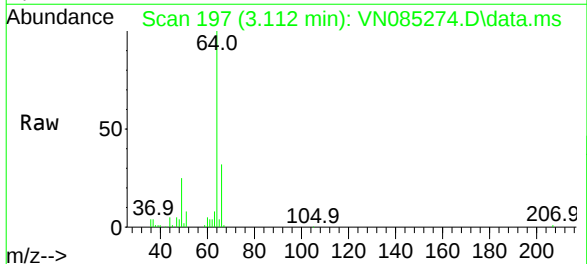
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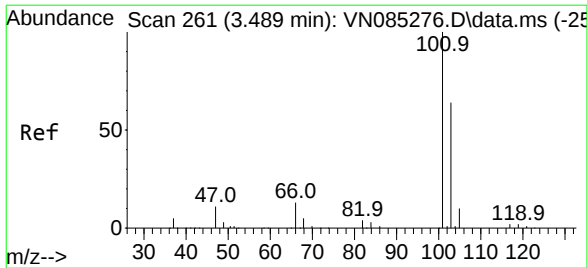
Tgt Ion: 94 Resp: 71335
Ion Ratio Lower Upper
94 100
96 94.3 75.6 113.4



#6
Chloroethane
Concen: 48.464 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

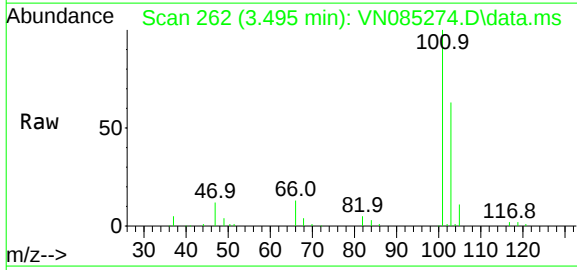
Tgt Ion: 64 Resp: 77595
Ion Ratio Lower Upper
64 100
66 32.0 22.2 33.4



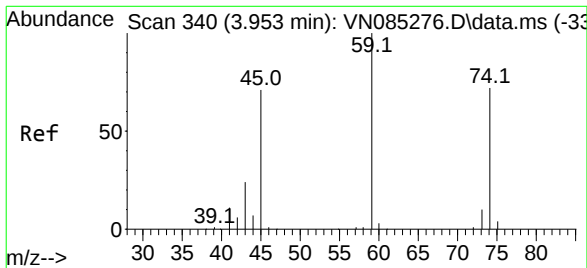
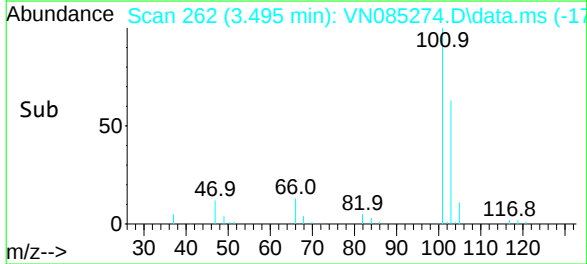
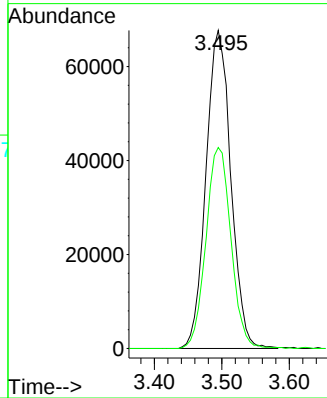


#7
 Trichlorofluoromethane
 Concen: 49.749 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN085274.D
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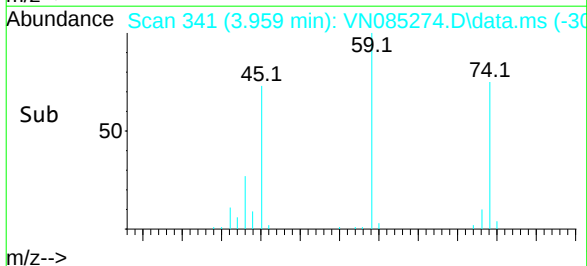
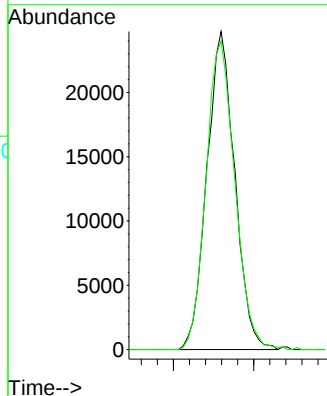
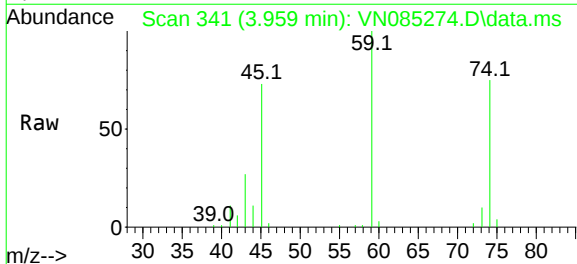


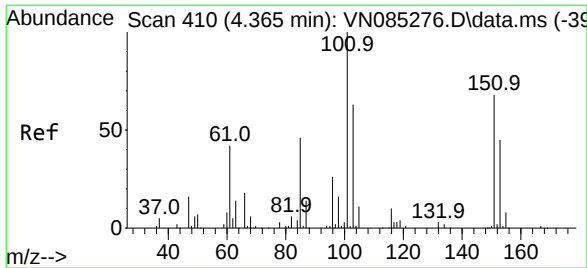
Tgt Ion:101 Resp: 173348
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.6 78.8



#8
 Diethyl Ether
 Concen: 49.784 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085274.D
 Acq: 20 Dec 2024 10:53

Tgt Ion: 74 Resp: 59743
 Ion Ratio Lower Upper
 74 100
 45 100.0 20.8 187.6

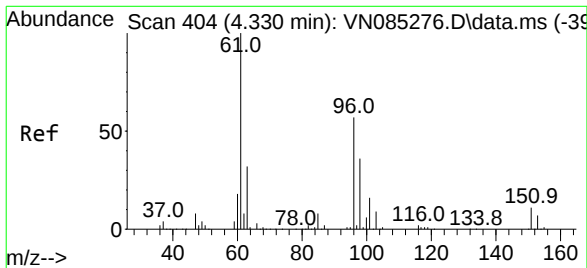
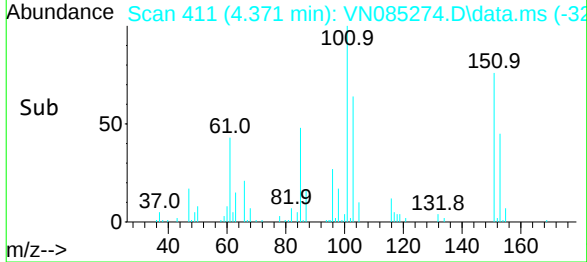
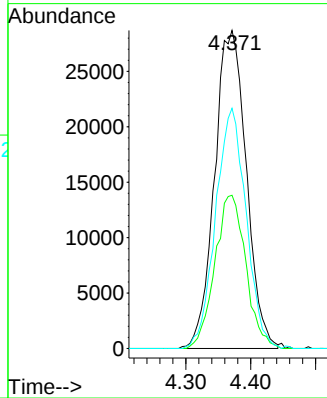
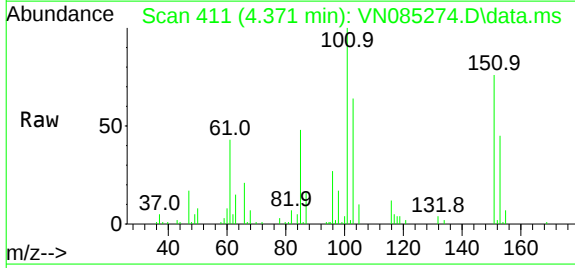




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.701 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085274.D
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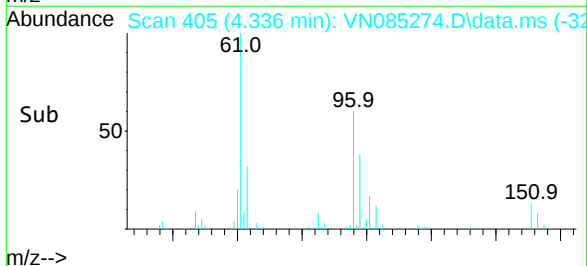
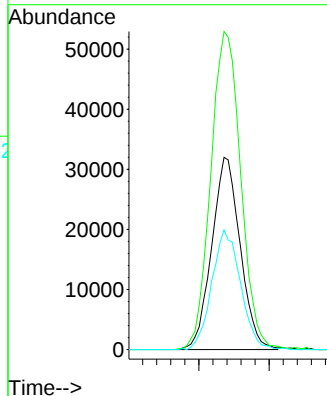
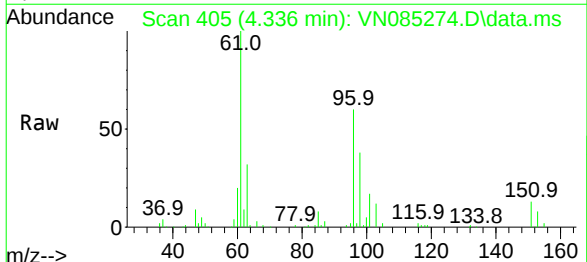
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ClientSampleId :
VSTDIC050

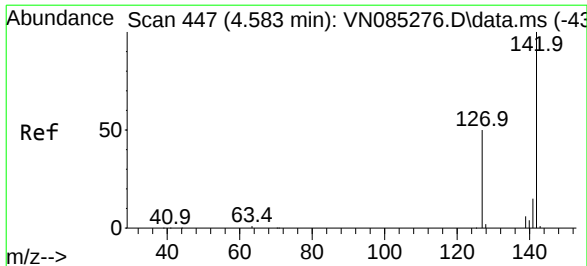
Tgt Ion: 101 Resp: 97445
Ion Ratio Lower Upper
101 100
85 47.0 0.0 96.6
151 72.6 0.0 147.4



#10
1,1-Dichloroethene
Concen: 49.235 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

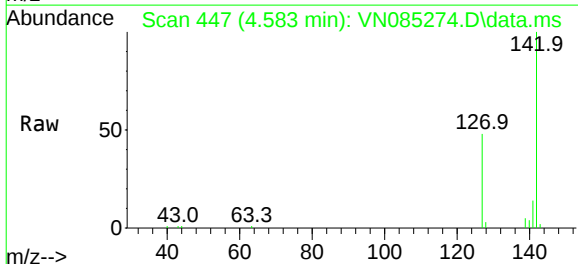
Tgt Ion: 96 Resp: 89996
Ion Ratio Lower Upper
96 100
61 164.9 145.9 218.9
98 62.2 51.9 77.9



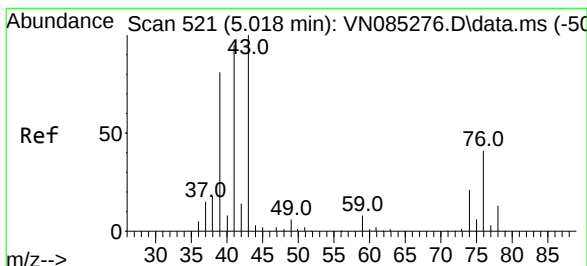
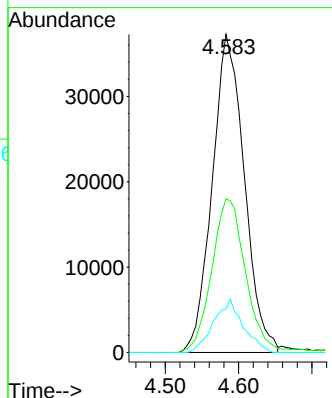
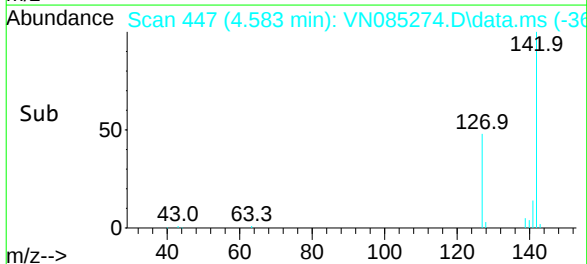


#11
Methyl Iodide
Concen: 51.640 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

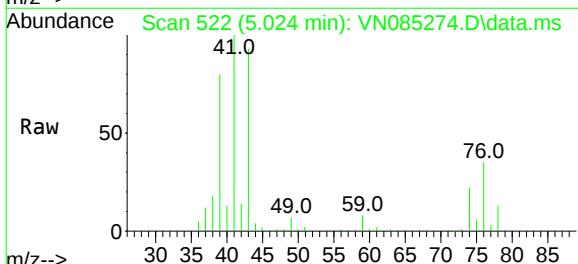
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



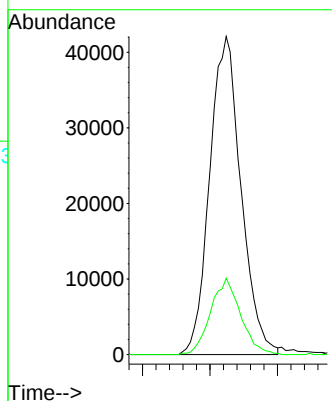
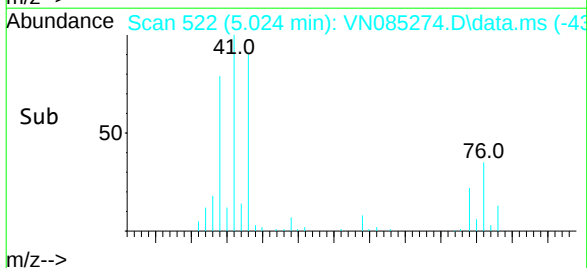
Tgt Ion:142 Resp: 113125
Ion Ratio Lower Upper
142 100
127 48.1 25.1 75.4
141 13.7 6.9 20.7

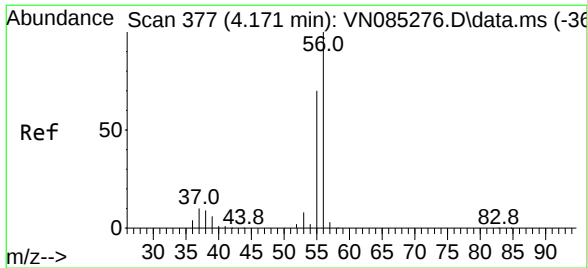


#12
Methyl Acetate
Concen: 49.796 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53



Tgt Ion: 43 Resp: 135823
Ion Ratio Lower Upper
43 100
74 24.1 20.5 30.7





#13

Acrolein

Concen: 223.139 ug/l

RT: 4.177 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

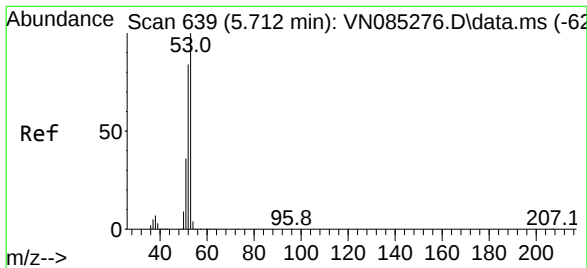
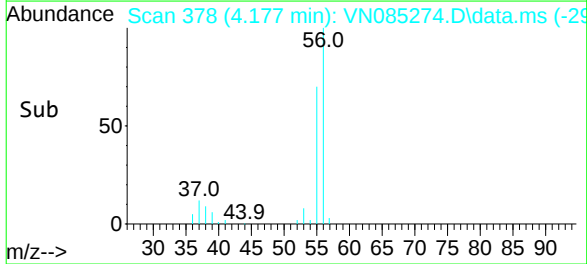
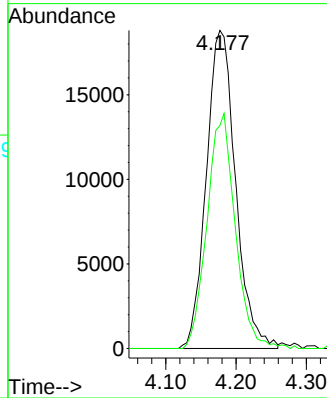
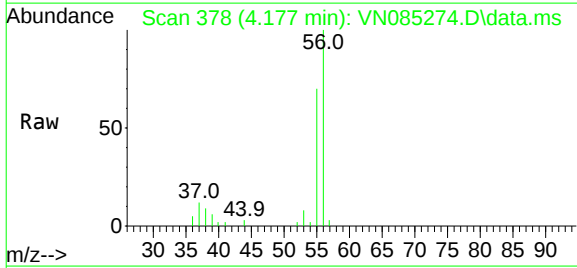
VSTDIC050

Tgt Ion: 56 Resp: 54376

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2



#14

Acrylonitrile

Concen: 251.737 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

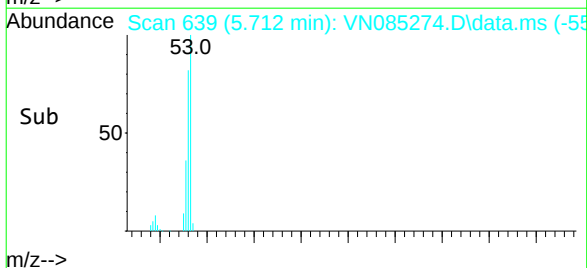
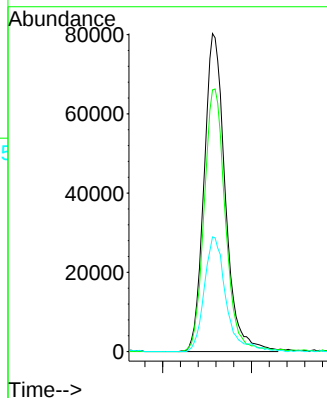
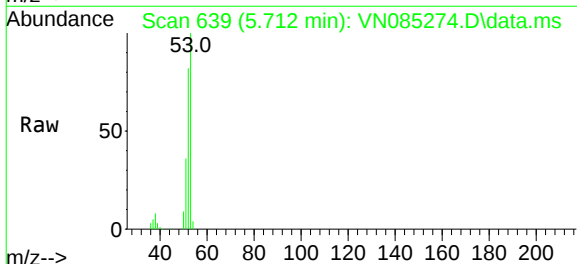
Tgt Ion: 53 Resp: 265775

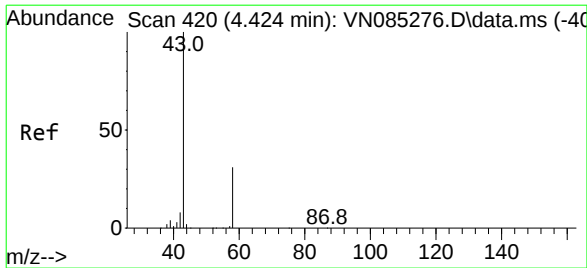
Ion Ratio Lower Upper

53 100

52 82.2 41.6 124.8

51 35.4 18.1 54.4





#15

Acetone

Concen: 243.294 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

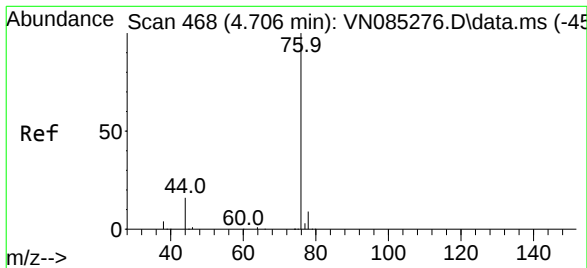
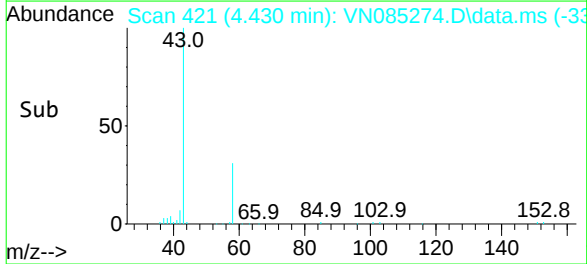
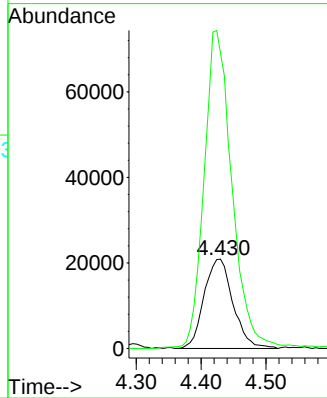
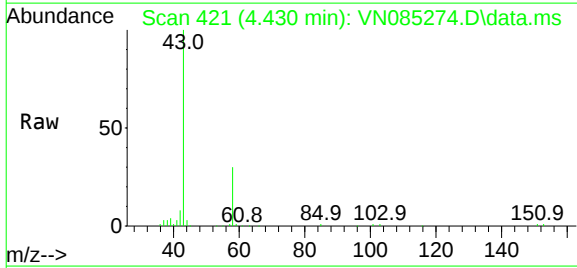
VSTDICC050

Tgt Ion: 58 Resp: 64795

Ion Ratio Lower Upper

58 100

43 327.9 258.8 388.2



#16

Carbon Disulfide

Concen: 48.822 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085274.D

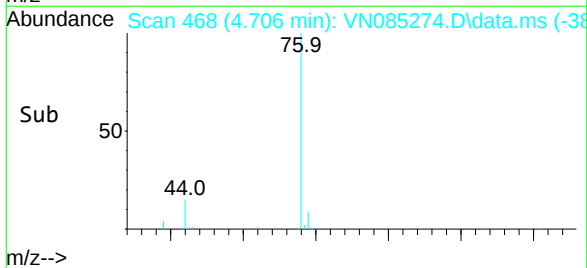
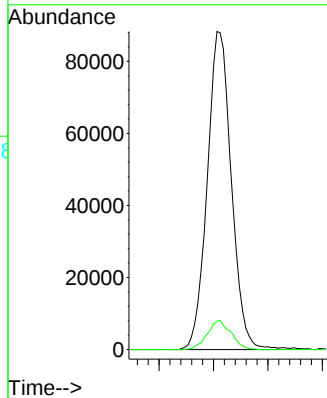
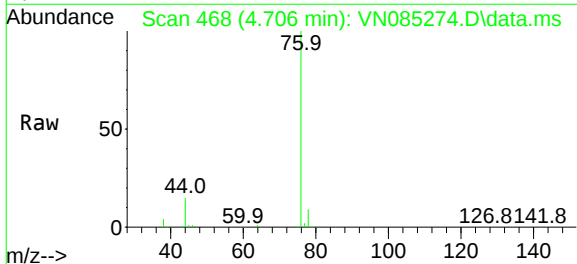
Acq: 20 Dec 2024 10:53

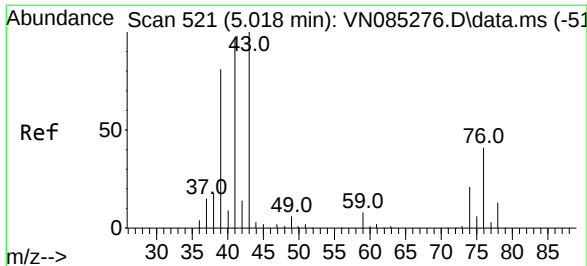
Tgt Ion: 76 Resp: 271267

Ion Ratio Lower Upper

76 100

78 8.9 6.6 9.8

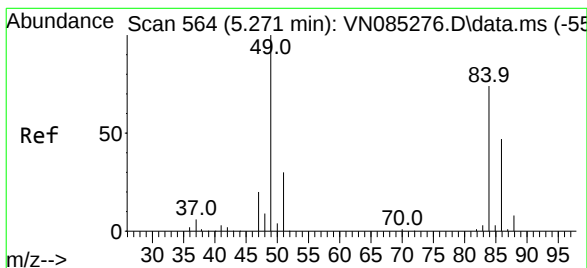
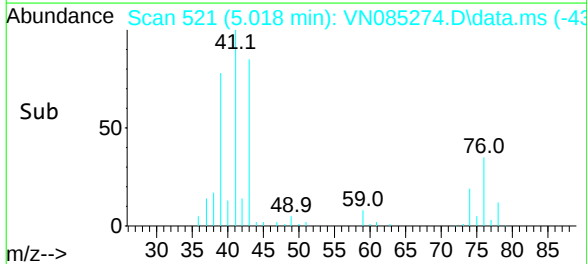
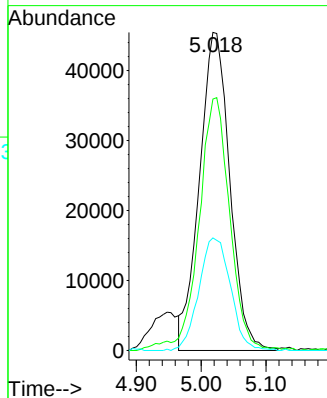
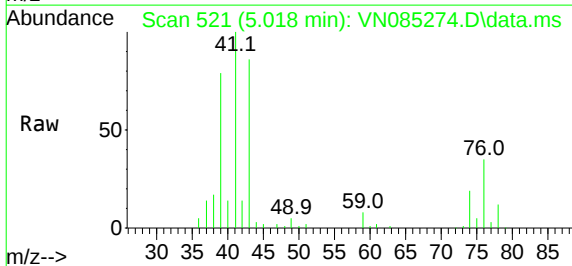




#17
 Allyl chloride
 Concen: 50.034 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.006 min
 Lab File: VN085274.D
 Acq: 20 Dec 2024 10:53

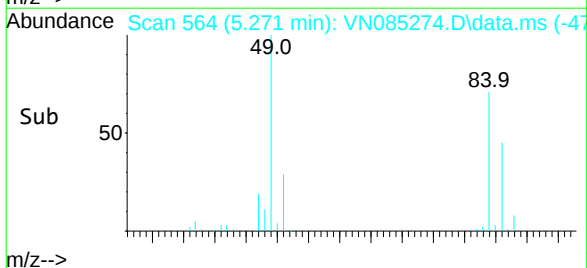
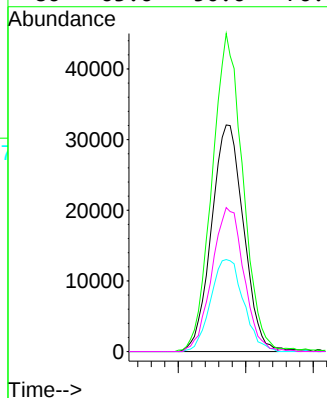
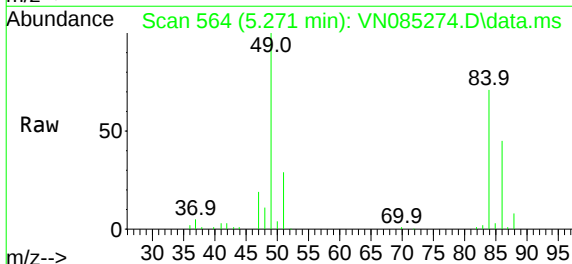
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

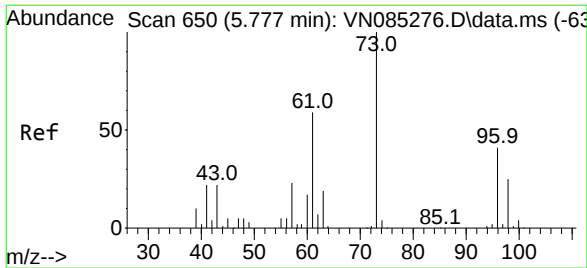
Tgt Ion:	41	Resp:	147944
Ion	Ratio	Lower	Upper
41	100		
39	78.7	41.3	124.1
76	35.6	19.5	58.5



#18
 Methylene Chloride
 Concen: 48.560 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN085274.D
 Acq: 20 Dec 2024 10:53

Tgt Ion:	84	Resp:	105769
Ion	Ratio	Lower	Upper
84	100		
49	139.7	104.9	157.3
51	40.6	30.2	45.4
86	63.6	50.6	76.0

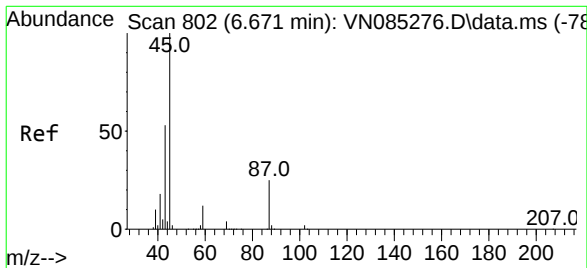
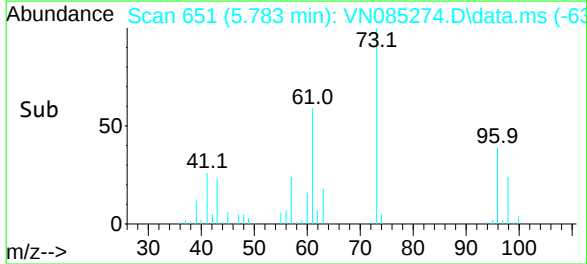
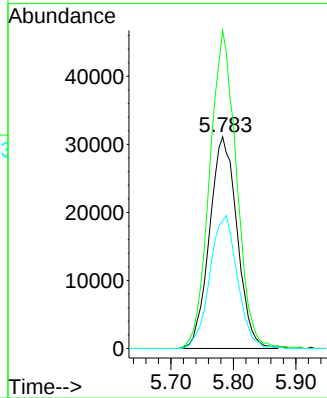
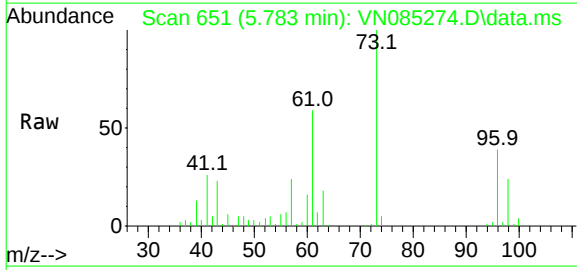




#19
trans-1,2-Dichloroethene
Concen: 50.143 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

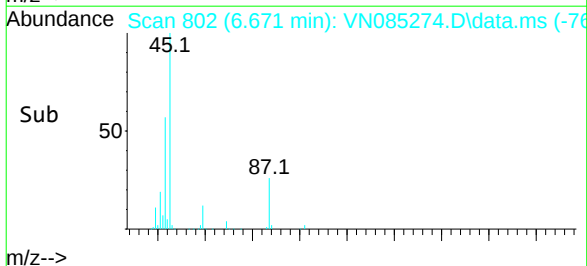
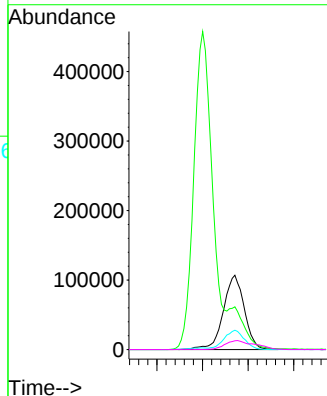
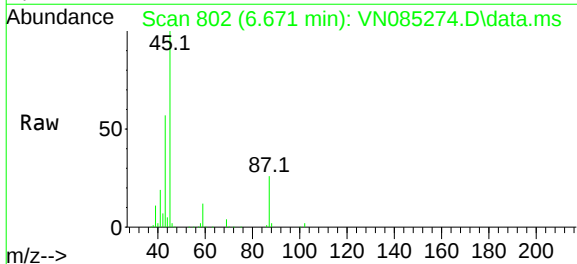
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

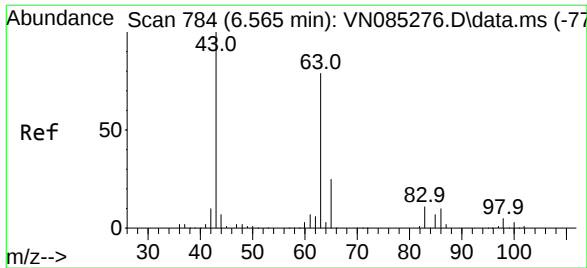
Tgt Ion:	96	Resp:	95330
Ion	Ratio	Lower	Upper
96	100		
61	150.2	124.2	186.4
98	60.3	51.0	76.4



#20
Diisopropyl ether
Concen: 50.511 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion:	45	Resp:	342293
Ion	Ratio	Lower	Upper
45	100		
43	56.5	46.6	69.8
87	26.0	22.3	33.5
59	11.6	9.2	13.8

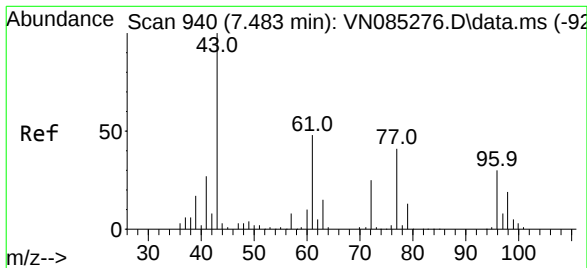
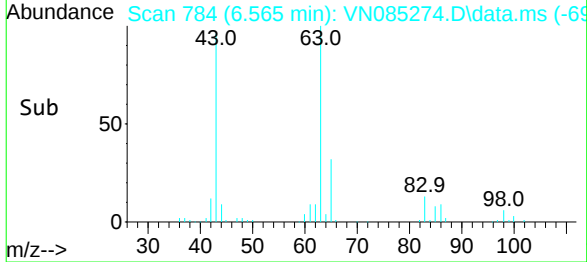
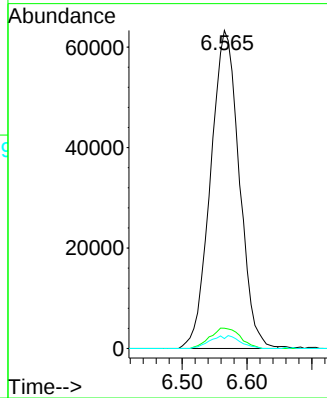
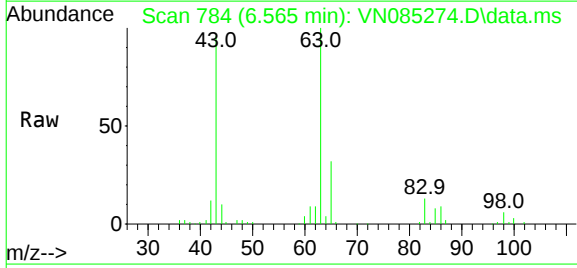




#21
1,1-Dichloroethane
Concen: 49.102 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

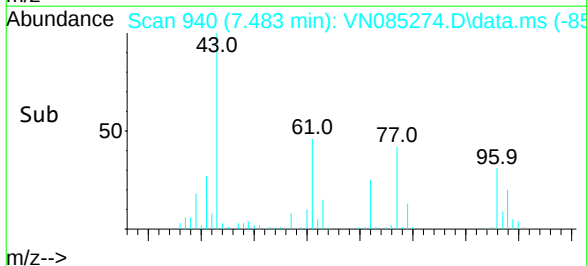
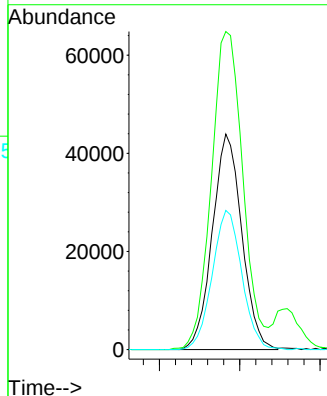
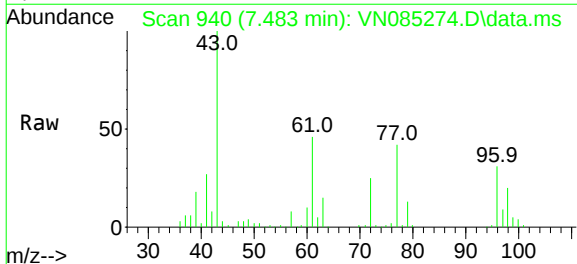
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

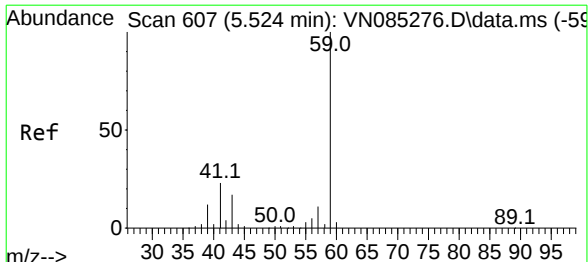
Tgt Ion: 63 Resp: 194526
Ion Ratio Lower Upper
63 100
98 6.4 2.4 7.1
100 3.1 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 49.447 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

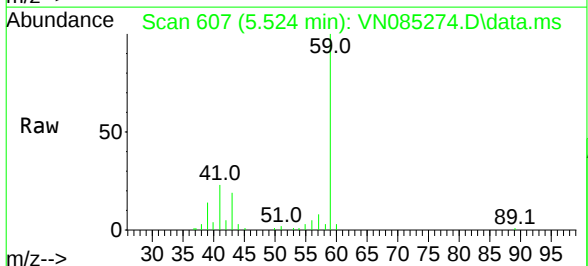
Tgt Ion: 96 Resp: 111942
Ion Ratio Lower Upper
96 100
61 156.6 128.1 192.1
98 64.9 52.7 79.1



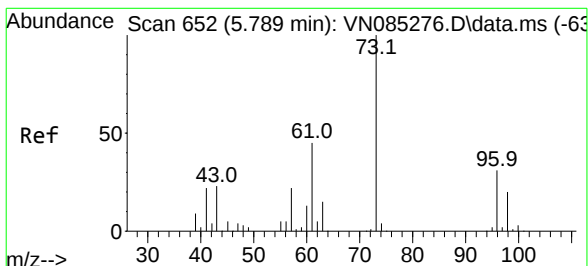
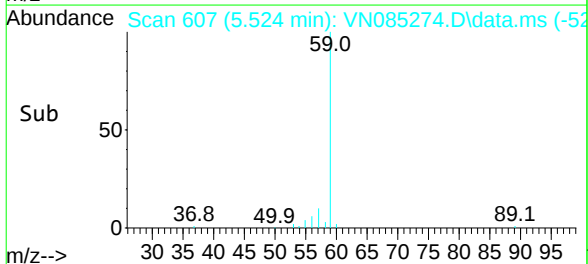
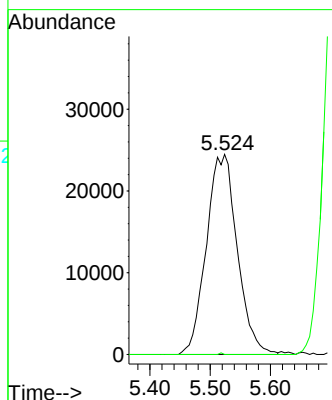


#23
 tert-Butyl Alcohol
 Concen: 250.534 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.006 min
 Lab File: VN085274.D
 Acq: 20 Dec 2024 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

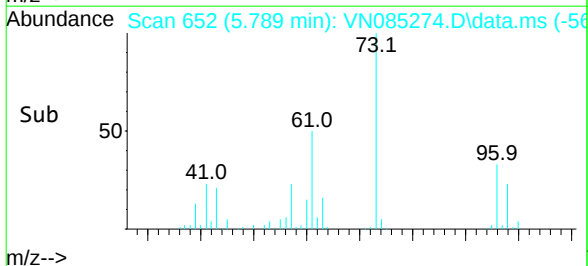
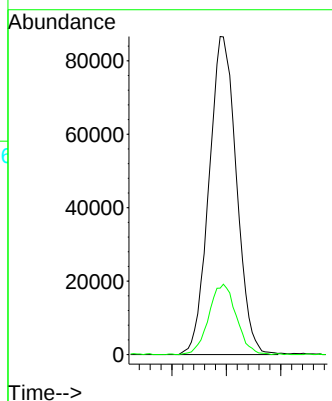
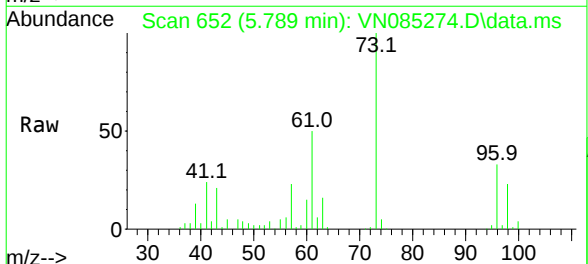


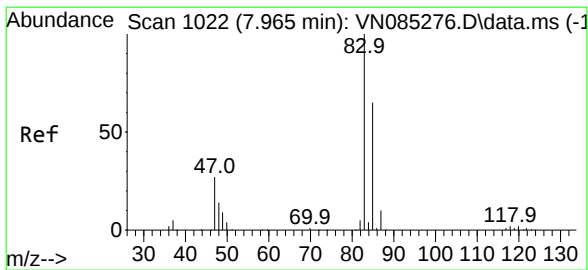
Tgt Ion:	59	Resp:	87172
Ion Ratio	100	Lower	Upper
52	0.0	0.0	0.0



#24
 Methyl tert-Butyl Ether
 Concen: 50.607 ug/l
 RT: 5.789 min Scan# 652
 Delta R.T. -0.012 min
 Lab File: VN085274.D
 Acq: 20 Dec 2024 10:53

Tgt Ion:	73	Resp:	303617
Ion Ratio	100	Lower	Upper
43	22.2	18.6	27.8

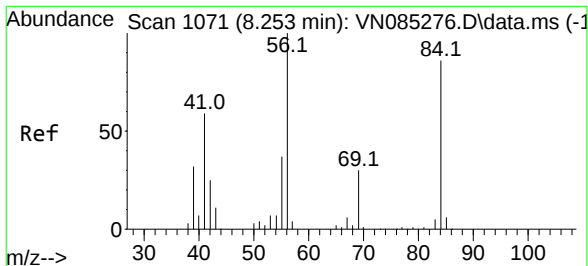
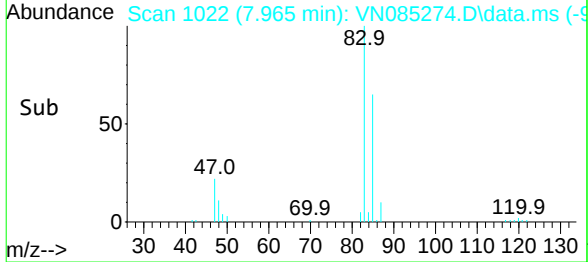
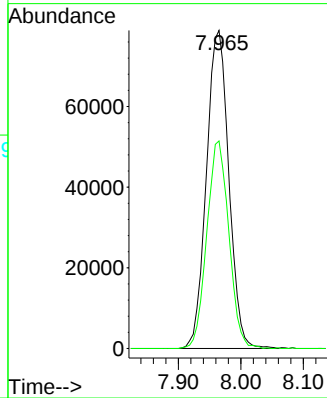
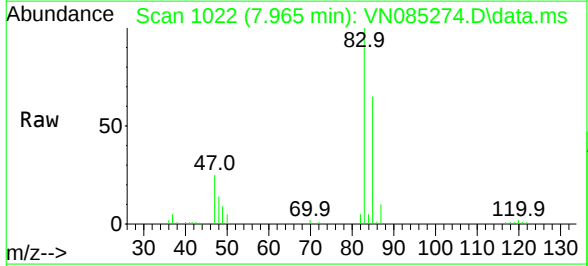




#25
Chloroform
Concen: 48.939 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

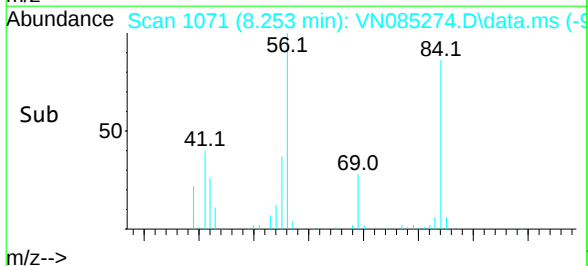
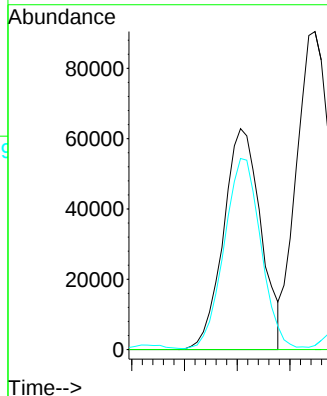
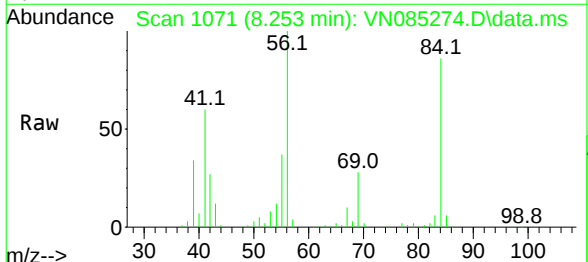
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

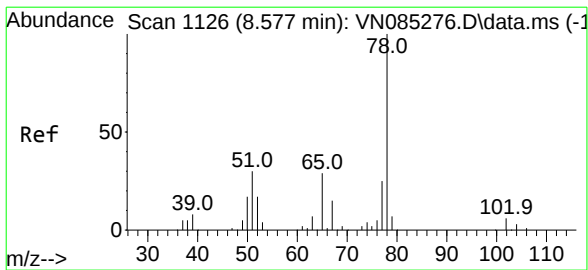
Tgt Ion: 83 Resp: 196531
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0



#26
Cyclohexane
Concen: 51.487 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 56 Resp: 155515
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 67.6 101.4

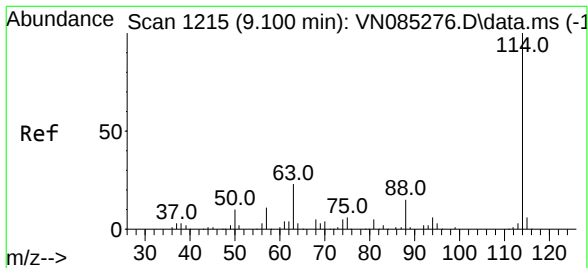
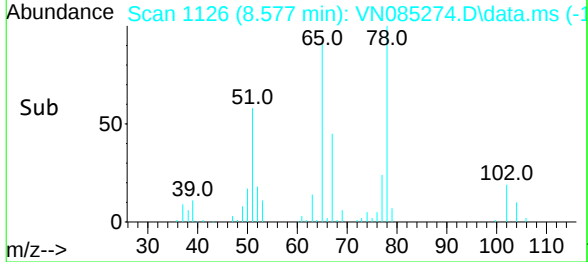
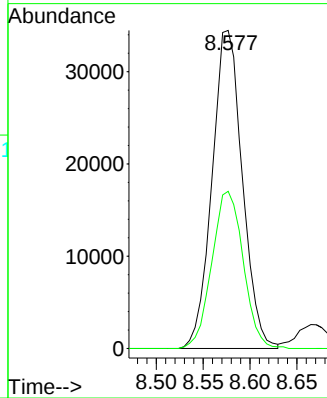
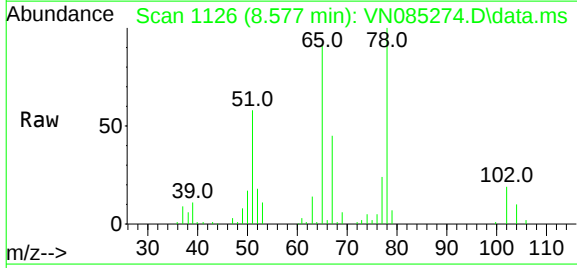




#27
1,2-Dichloroethane-d4
Concen: 29.719 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

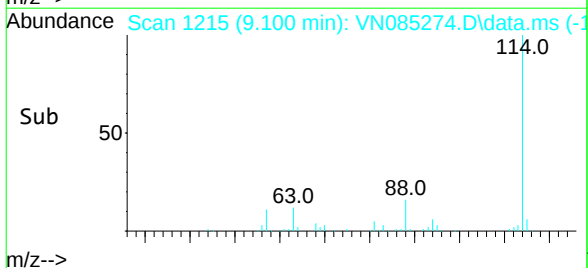
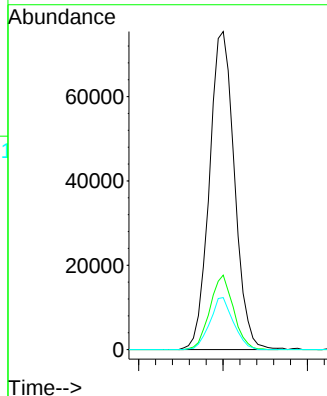
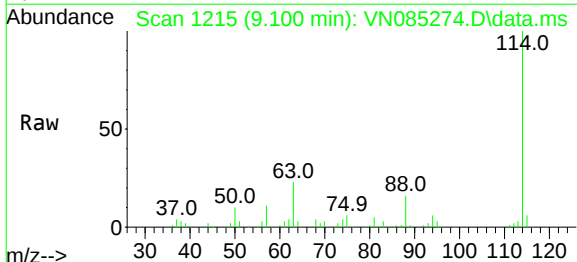
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

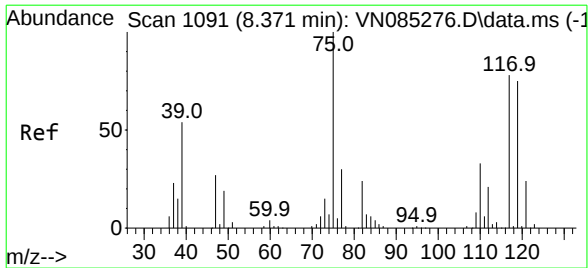
Tgt Ion: 65 Resp: 77354
Ion Ratio Lower Upper
65 100
67 51.1 42.0 63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 114 Resp: 155749
Ion Ratio Lower Upper
114 100
63 22.0 18.0 27.0
88 15.3 12.9 19.3

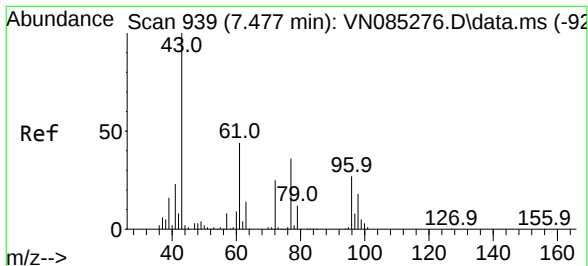
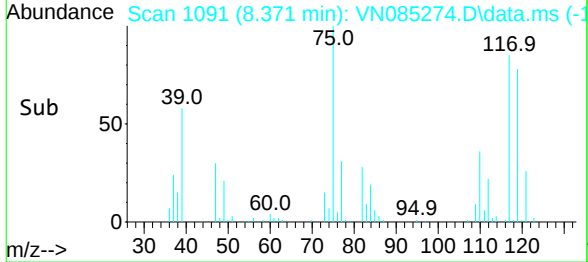
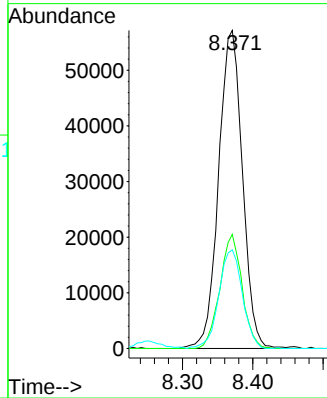
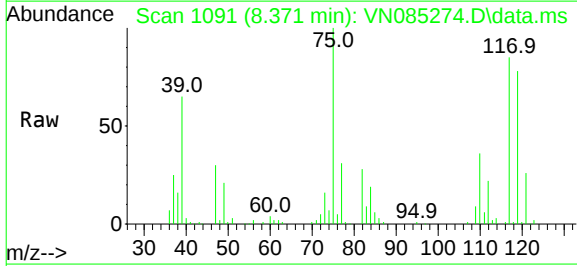




#29
1,1-Dichloropropene
Concen: 49.747 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

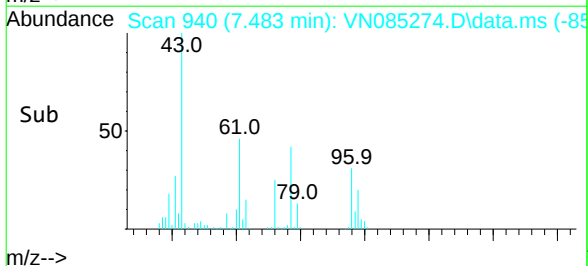
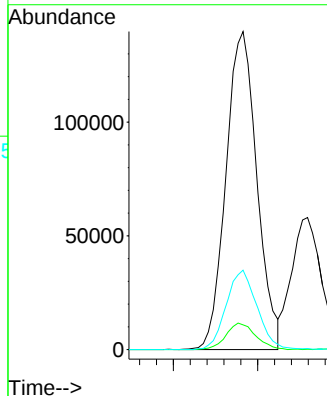
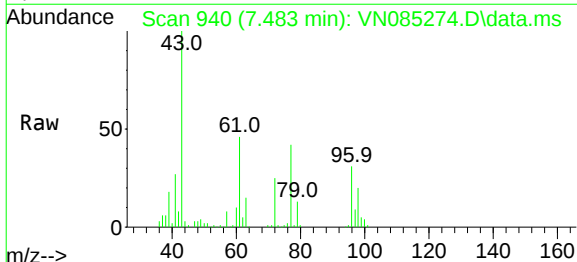
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

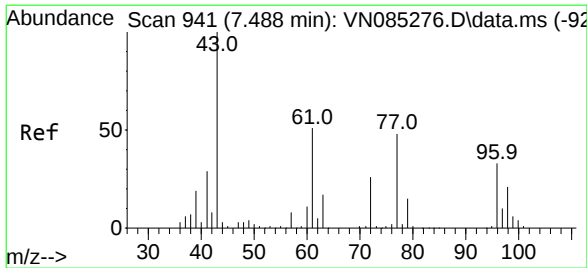
Tgt Ion:	75	Resp:	134525
Ion	Ratio	Lower	Upper
75	100		
110	33.3	0.0	64.8
77	30.7	0.0	60.8



#30
2-Butanone
Concen: 250.324 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion:	43	Resp:	357311
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.2
72	24.8	19.9	29.9

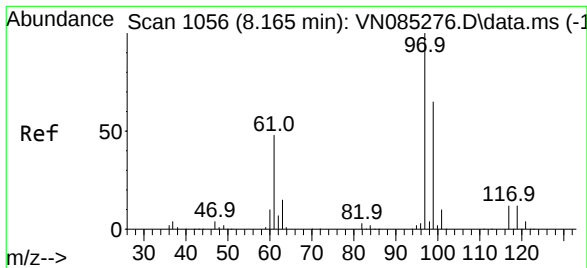
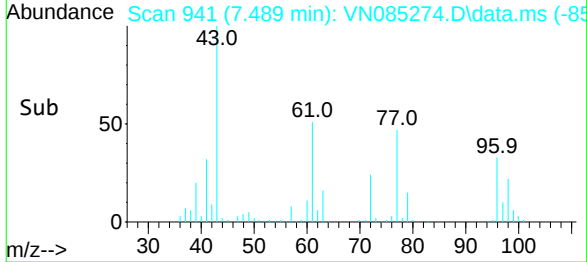
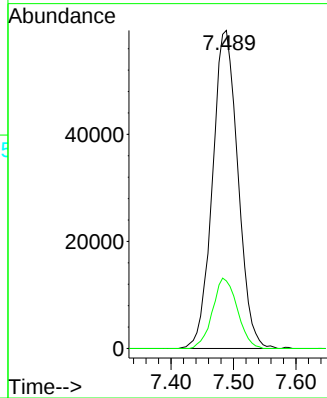
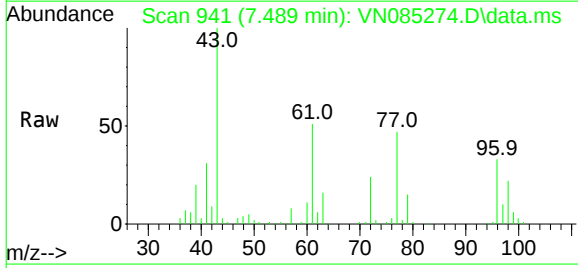




#31
2,2-Dichloropropane
Concen: 48.993 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

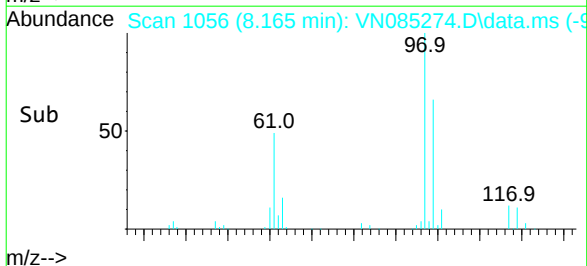
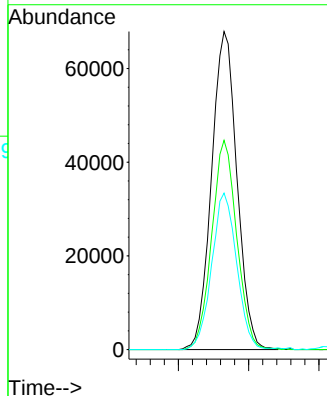
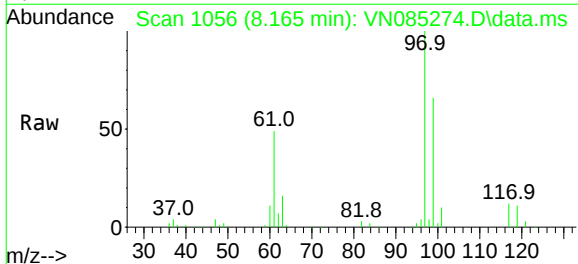
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

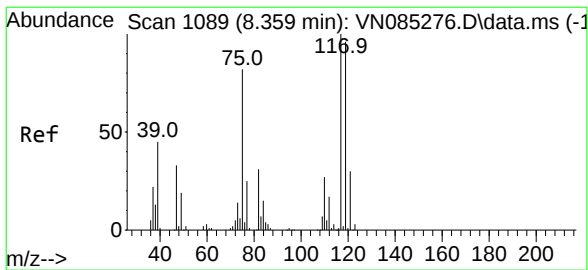
Tgt Ion: 77 Resp: 167877
Ion Ratio Lower Upper
77 100
97 21.5 16.9 25.3



#32
1,1,1-Trichloroethane
Concen: 48.506 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 97 Resp: 170514
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 48.4 39.8 59.8





#33

Carbon Tetrachloride

Concen: 49.008 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

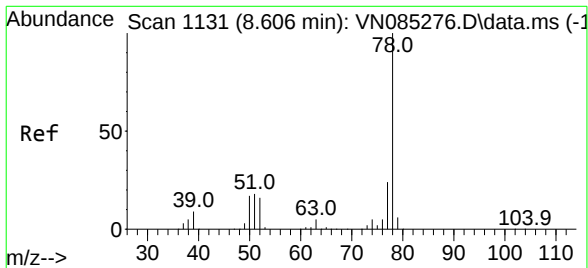
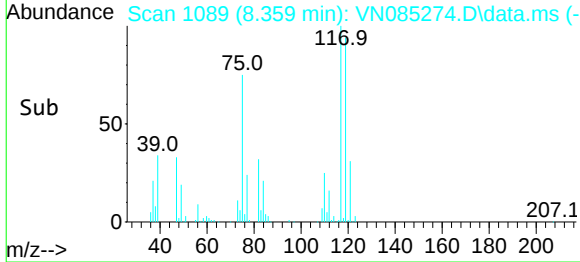
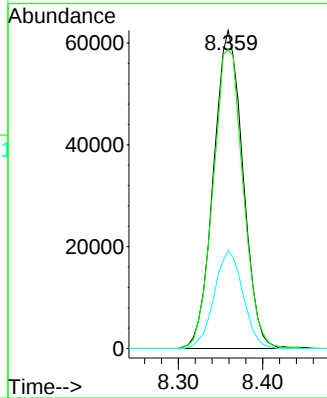
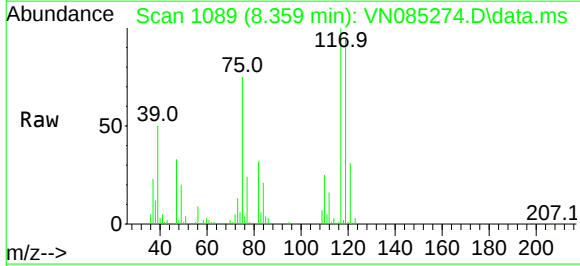
Tgt Ion:117 Resp: 150812

Ion Ratio Lower Upper

117 100

119 94.0 71.6 107.4

121 30.7 23.5 35.3



#34

Benzene

Concen: 48.897 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

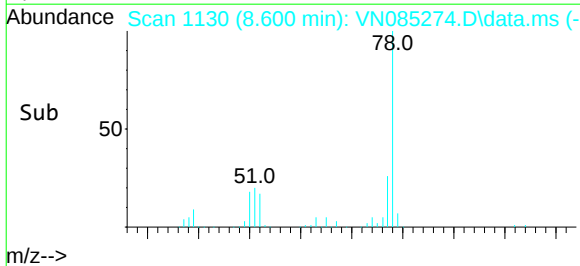
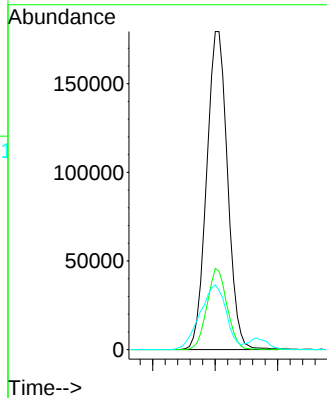
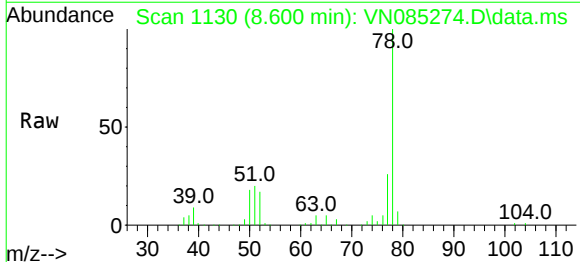
Tgt Ion: 78 Resp: 417957

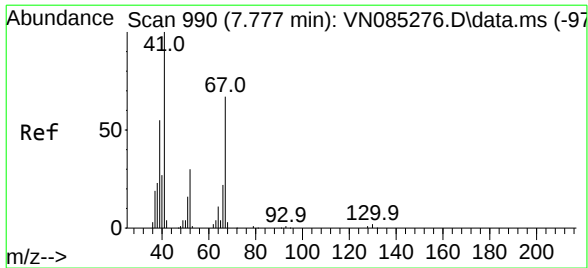
Ion Ratio Lower Upper

78 100

77 25.5 19.3 28.9

51 19.9 14.6 21.8

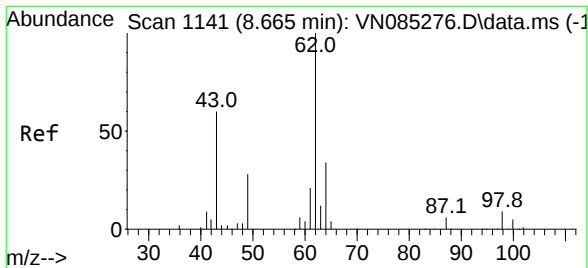
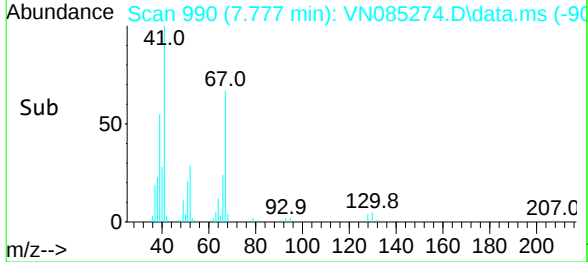
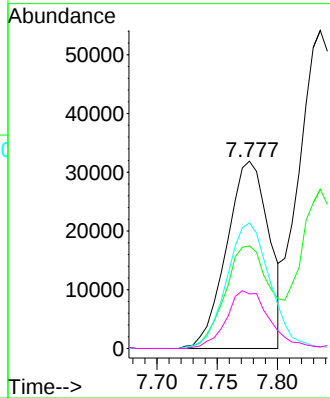
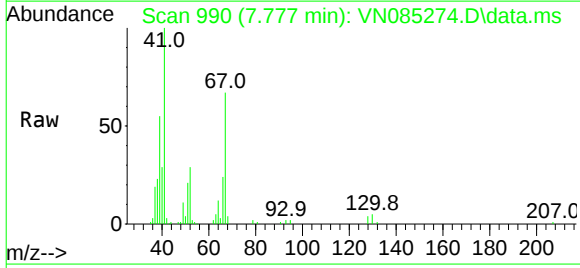




#35
Methacrylonitrile
Concen: 49.305 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

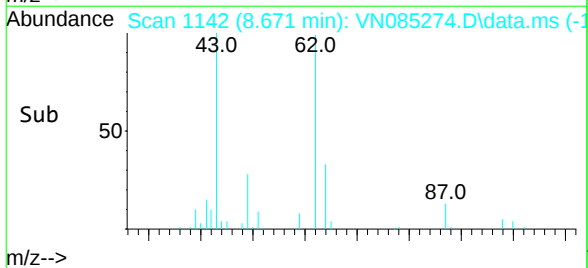
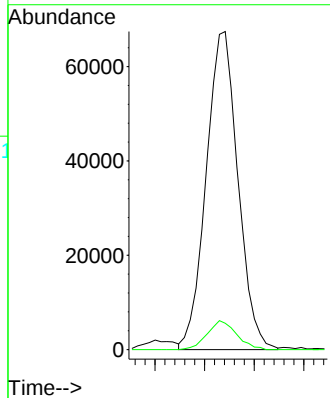
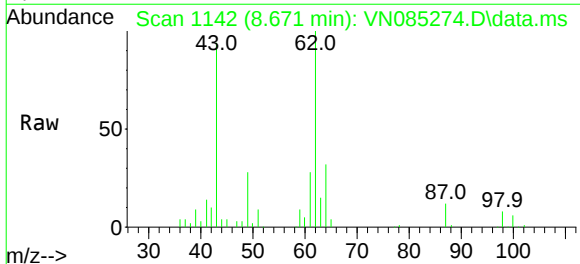
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

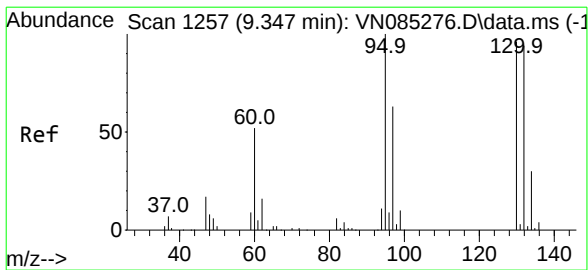
Tgt Ion:	41	Resp:	77907
Ion	Ratio	Lower	Upper
41	100		
39	54.8	26.7	80.0
67	67.1	32.5	97.5
52	29.1	13.3	39.9



#36
1,2-Dichloroethane
Concen: 48.487 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion:	62	Resp:	149871
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	10.0

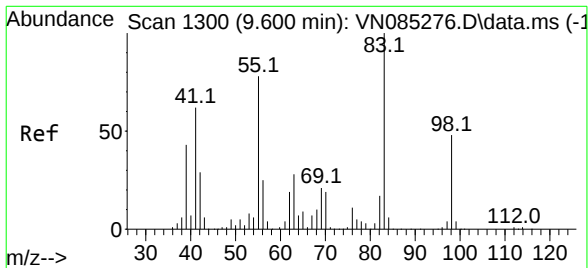
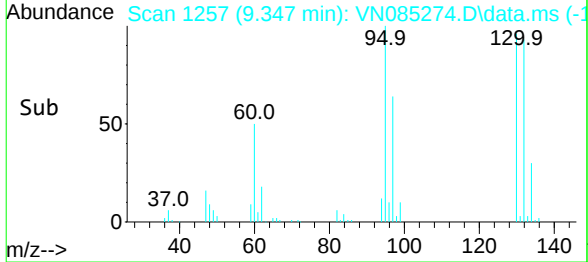
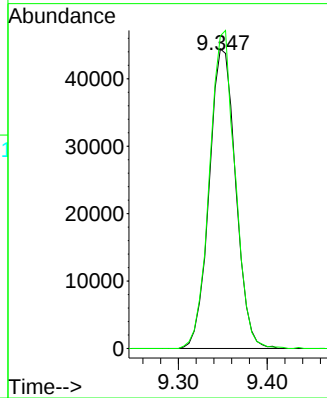
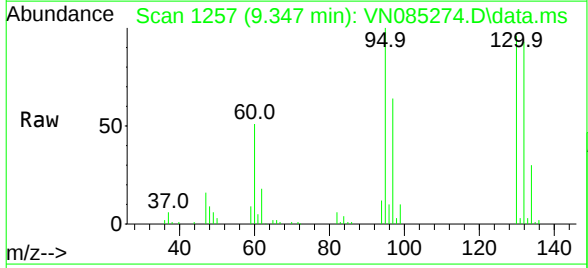




#37
Trichloroethene
Concen: 48.894 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

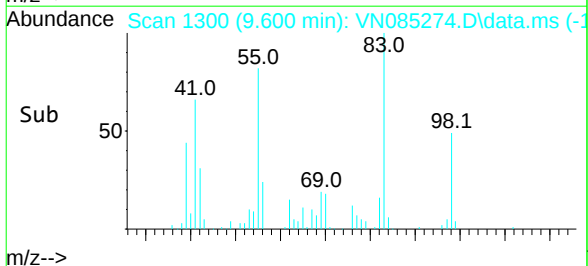
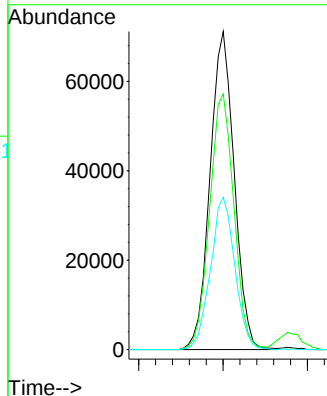
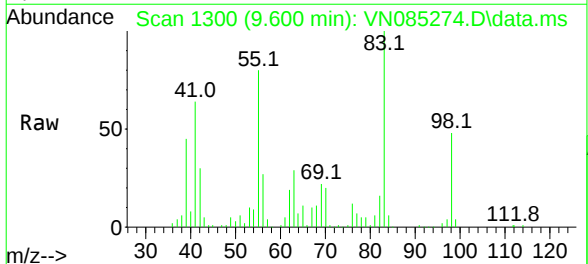
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

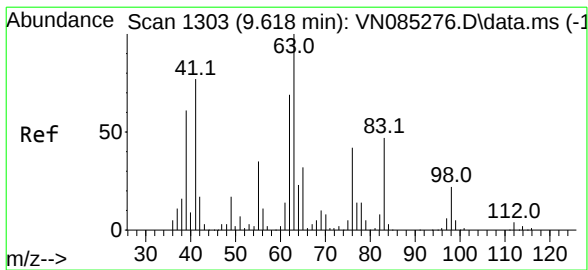
Tgt Ion:130 Resp: 91953
Ion Ratio Lower Upper
130 100
95 104.4 80.0 120.0



#38
Methylcyclohexane
Concen: 50.730 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 83 Resp: 141960
Ion Ratio Lower Upper
83 100
55 80.9 43.6 130.8
98 48.2 24.2 72.6





#39

1,2-Dichloropropane

Concen: 49.348 ug/l

RT: 9.618 min Scan# 13

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

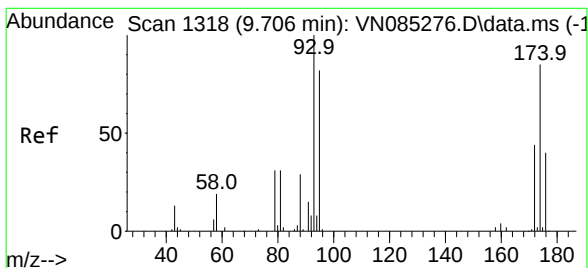
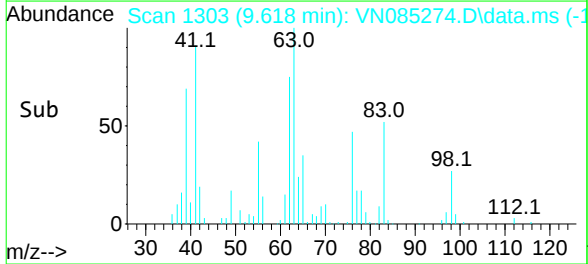
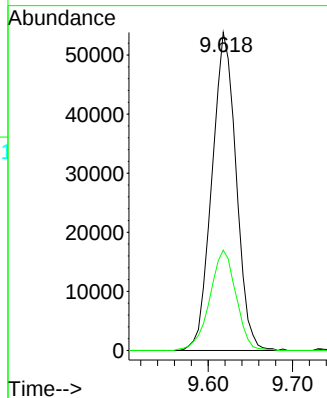
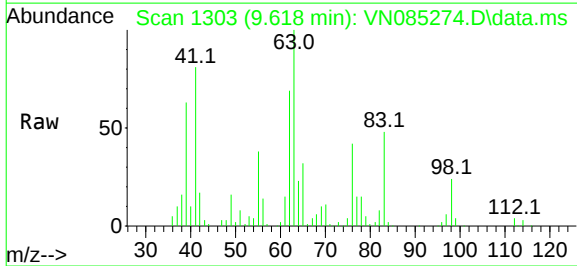
VSTDIC050

Tgt Ion: 63 Resp: 107319

Ion Ratio Lower Upper

63 100

65 31.5 26.1 39.1



#40

Dibromomethane

Concen: 49.107 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

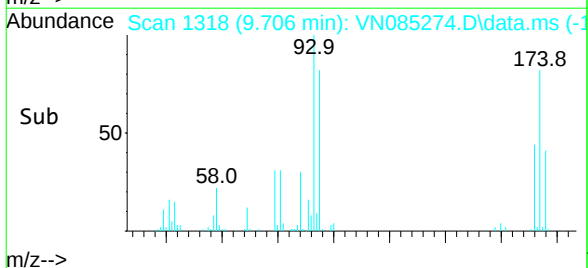
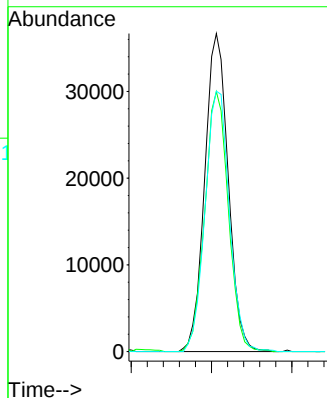
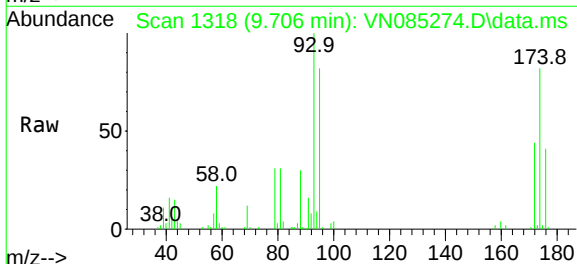
Tgt Ion: 93 Resp: 74458

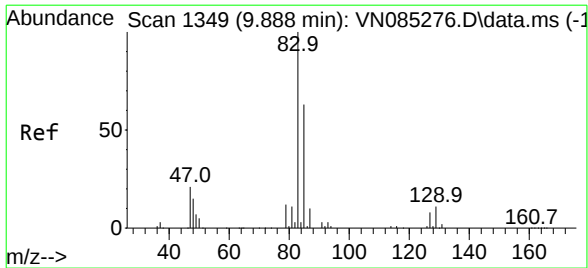
Ion Ratio Lower Upper

93 100

95 82.3 0.0 167.6

174 84.6 0.0 171.0

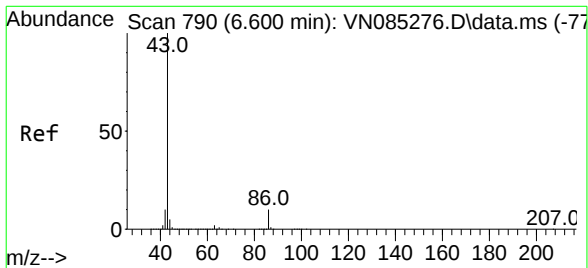
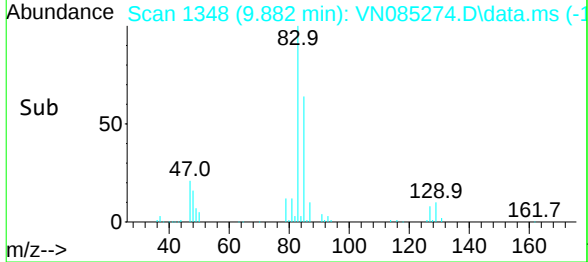
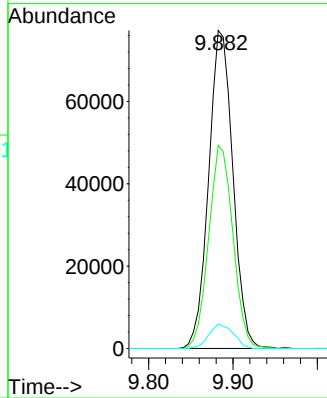
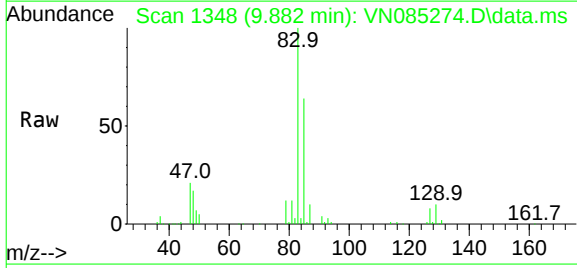




#41
Bromodichloromethane
Concen: 48.718 ug/l
RT: 9.882 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

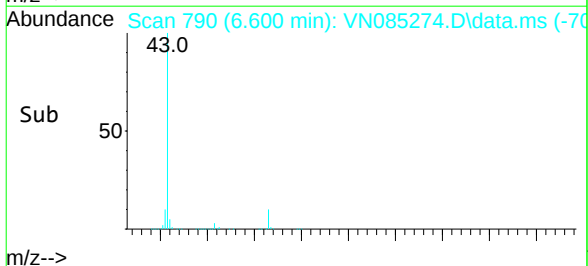
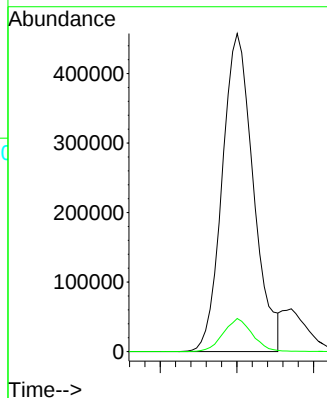
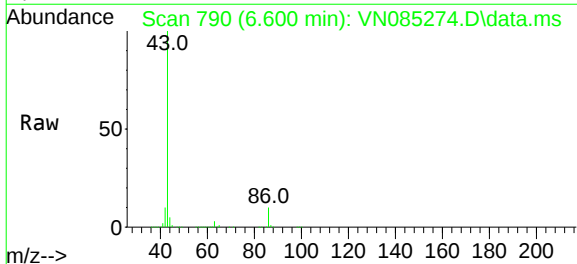
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

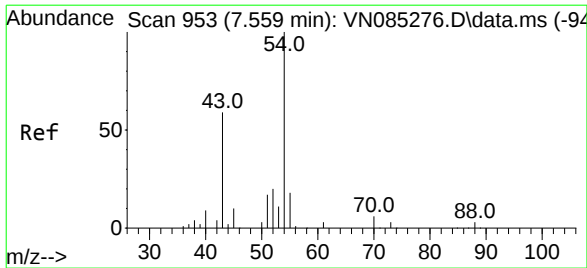
Tgt Ion: 83 Resp: 154374
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 7.8 5.8 8.6



#42
Vinyl Acetate
Concen: 256.254 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 43 Resp: 1291146
Ion Ratio Lower Upper
43 100
86 9.7 7.9 11.9





#43

Ethyl Acetate

Concen: 49.852 ug/l

RT: 7.559 min Scan# 95

Delta R.T. 0.006 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

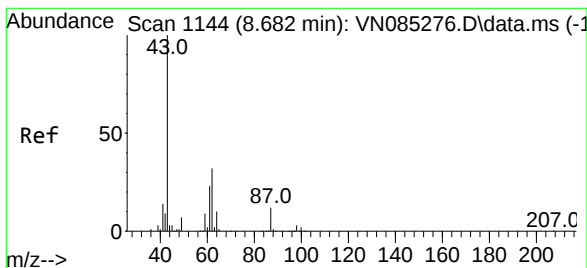
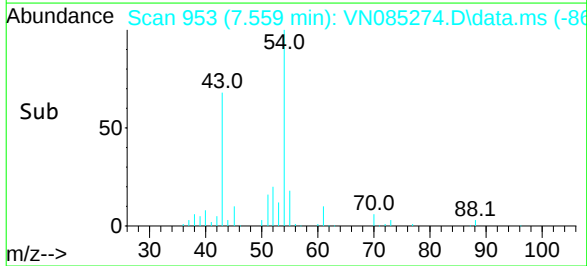
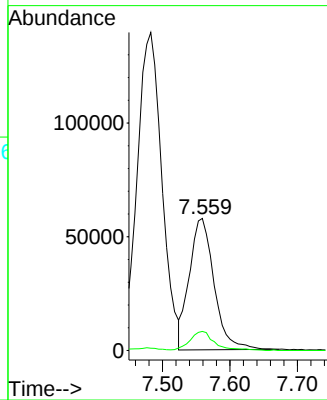
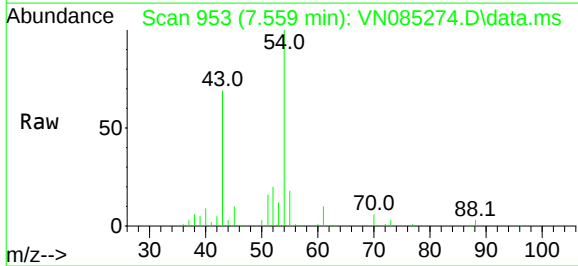
VSTDICC050

Tgt Ion: 43 Resp: 147156

Ion Ratio Lower Upper

43 100

45 12.9 11.9 17.9



#44

Isopropyl Acetate

Concen: 49.163 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN085274.D

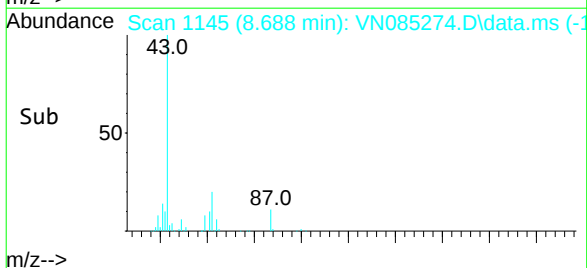
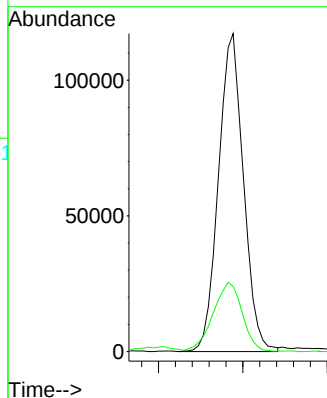
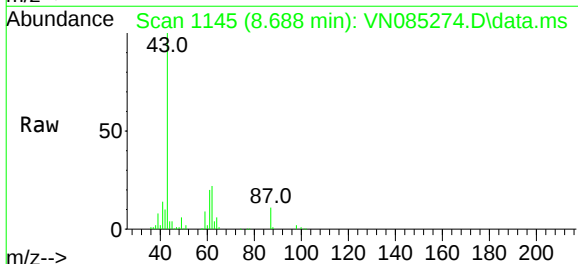
Acq: 20 Dec 2024 10:53

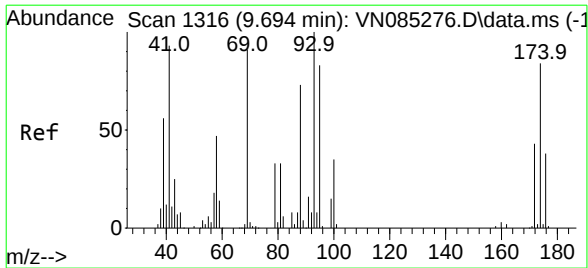
Tgt Ion: 43 Resp: 241079

Ion Ratio Lower Upper

43 100

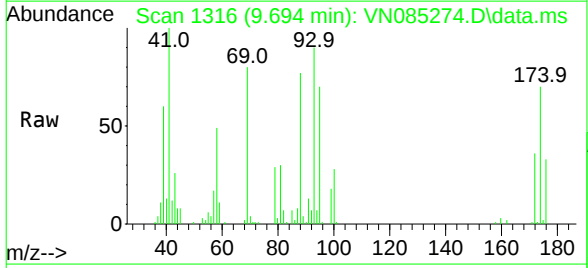
61 25.5 19.7 29.5



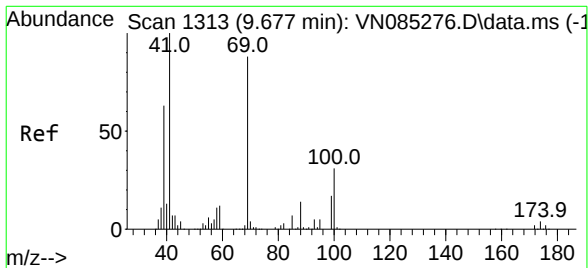
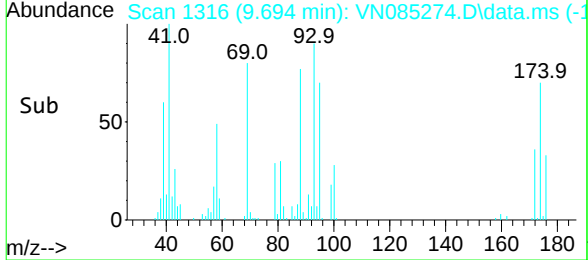
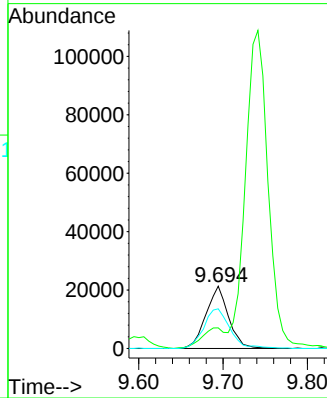


#45
1,4-Dioxane
Concen: 1040.566 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

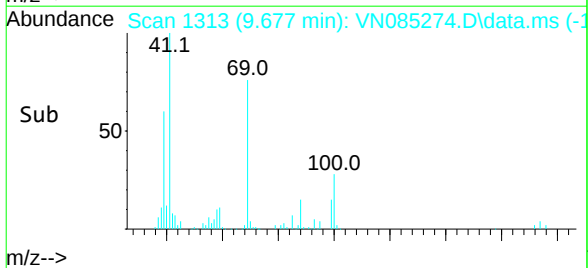
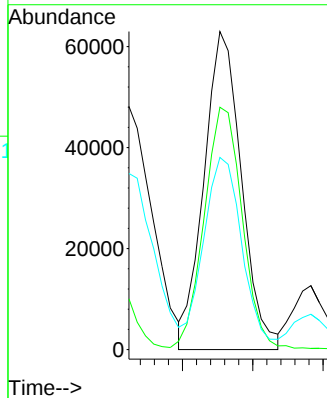
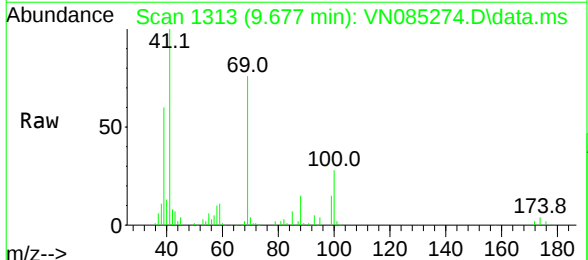


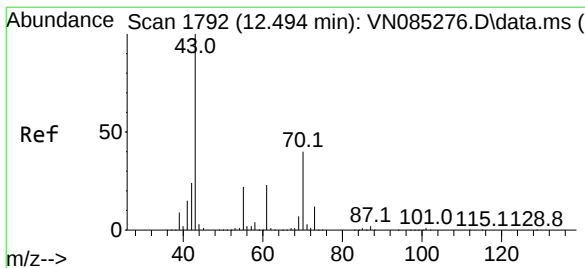
Tgt Ion: 88 Resp: 39688
Ion Ratio Lower Upper
88 100
43 36.5 25.4 38.2
58 71.3 58.5 87.7



#46
Methyl methacrylate
Concen: 51.209 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 41 Resp: 116559
Ion Ratio Lower Upper
41 100
69 78.9 39.9 119.6
39 60.1 31.6 95.0

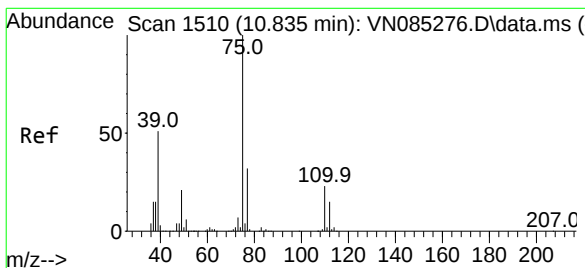
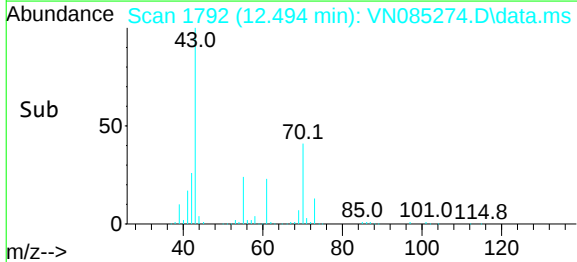
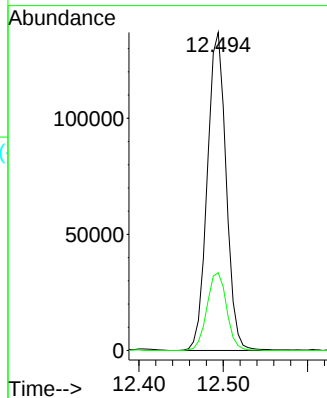
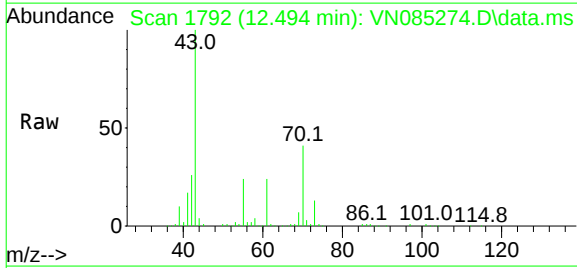




#47
n-amy1 Acetate
Concen: 50.916 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

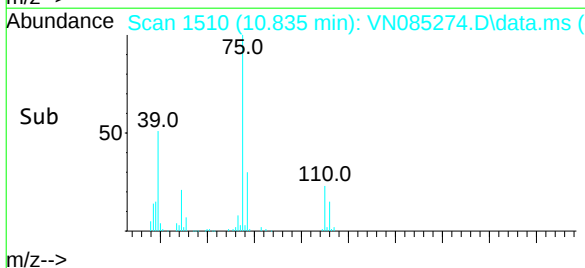
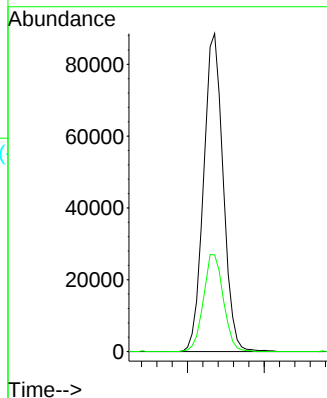
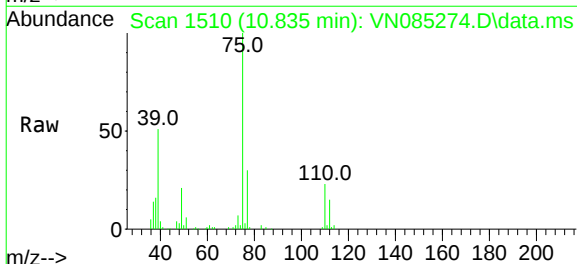
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

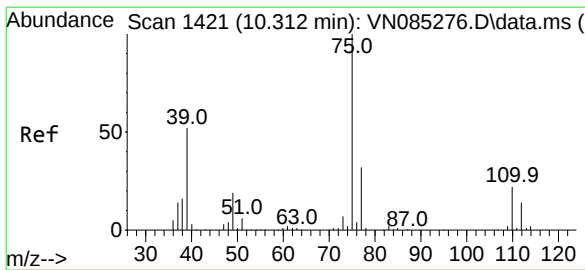
Tgt Ion: 43 Resp: 212696
Ion Ratio Lower Upper
43 100
55 25.5 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 50.066 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 75 Resp: 156703
Ion Ratio Lower Upper
75 100
77 30.4 23.8 35.6

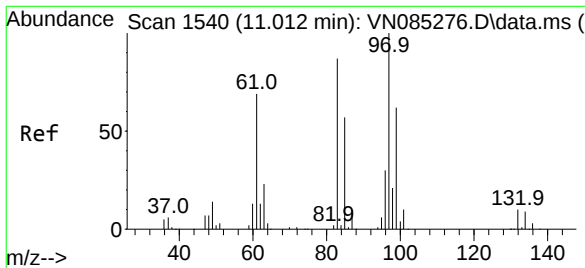
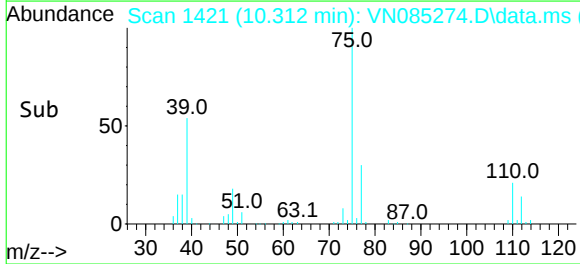
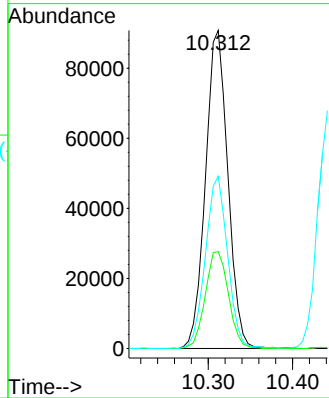
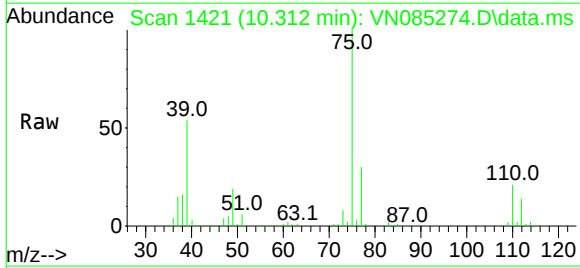




#49
 cis-1,3-Dichloropropene
 Concen: 49.650 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN085274.D
 Acq: 20 Dec 2024 10:53

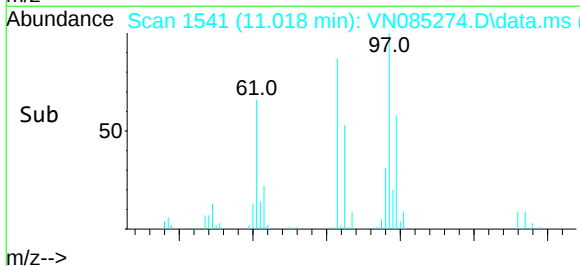
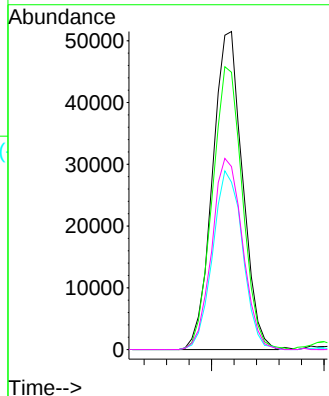
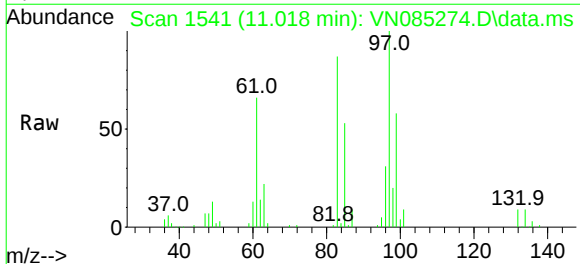
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

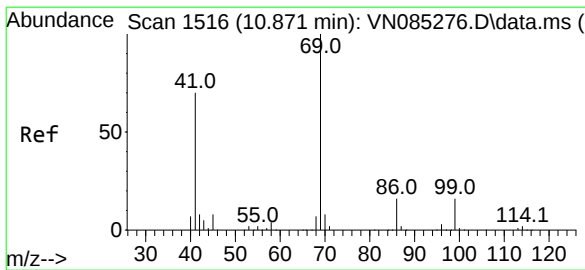
Tgt Ion:	75	Resp:	167067
Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.6	40.0
39	54.2	41.9	62.9



#50
 1,1,2-Trichloroethane
 Concen: 48.061 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN085274.D
 Acq: 20 Dec 2024 10:53

Tgt Ion:	97	Resp:	95304
Ion	Ratio	Lower	Upper
97	100		
83	87.2	72.2	108.2
85	52.6	46.6	70.0
99	57.5	51.4	77.0





#51

Ethyl methacrylate

Concen: 51.624 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

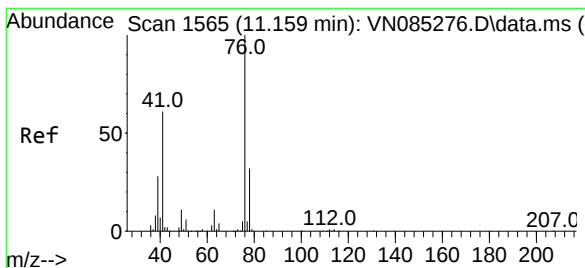
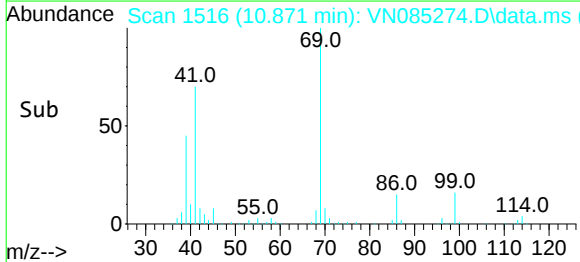
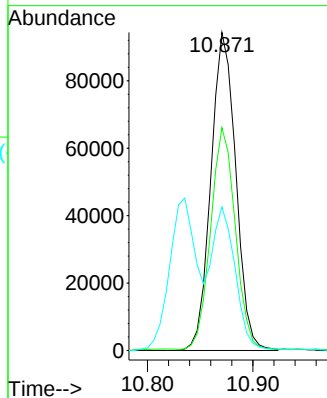
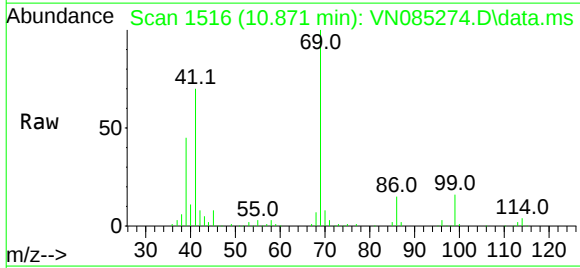
Tgt Ion: 69 Resp: 154832

Ion Ratio Lower Upper

69 100

41 69.7 38.1 114.5

39 44.7 24.1 72.2



#52

1,3-Dichloropropane

Concen: 49.432 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085274.D

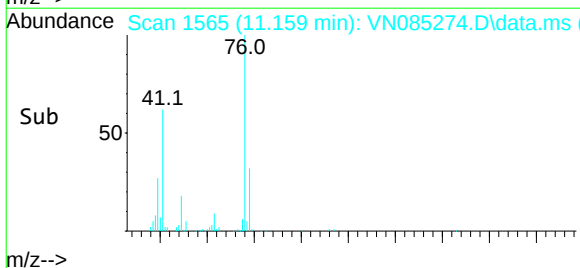
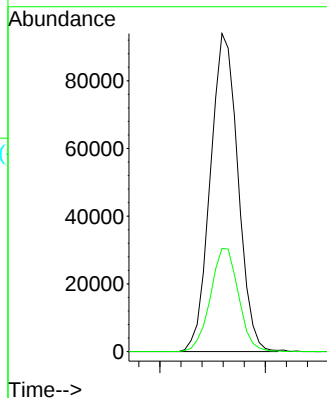
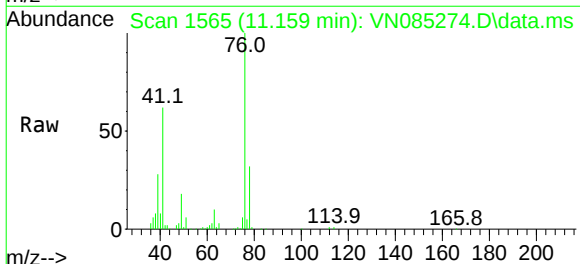
Acq: 20 Dec 2024 10:53

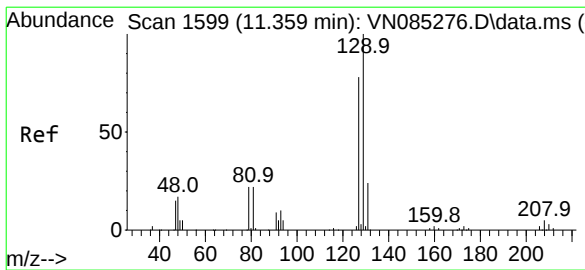
Tgt Ion: 76 Resp: 171106

Ion Ratio Lower Upper

76 100

78 32.9 0.0 66.2





#53

Dibromochloromethane

Concen: 48.807 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

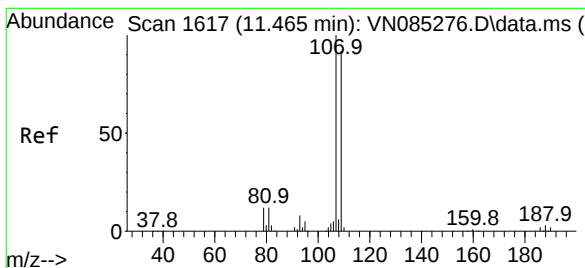
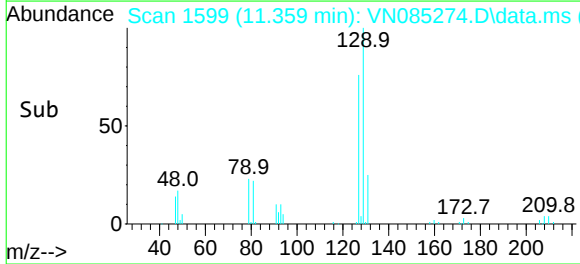
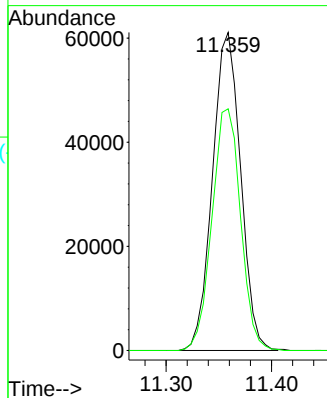
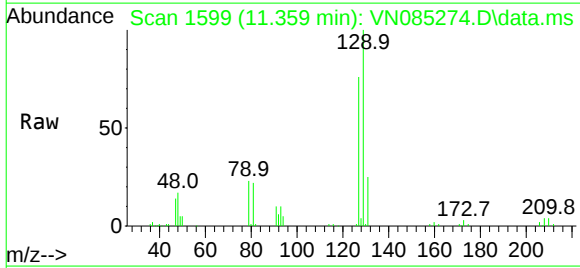
VSTDIC050

Tgt Ion:129 Resp: 113404

Ion Ratio Lower Upper

129 100

127 77.2 38.1 114.3



#54

1,2-Dibromoethane

Concen: 49.297 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN085274.D

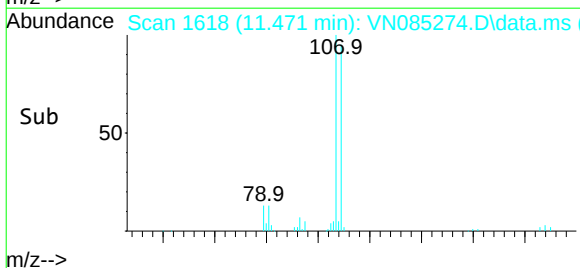
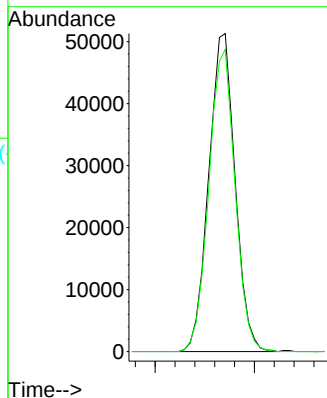
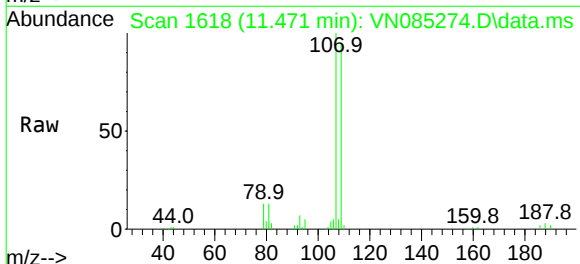
Acq: 20 Dec 2024 10:53

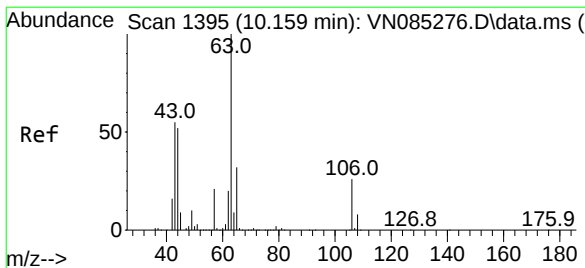
Tgt Ion:107 Resp: 94603

Ion Ratio Lower Upper

107 100

109 94.5 76.2 114.4

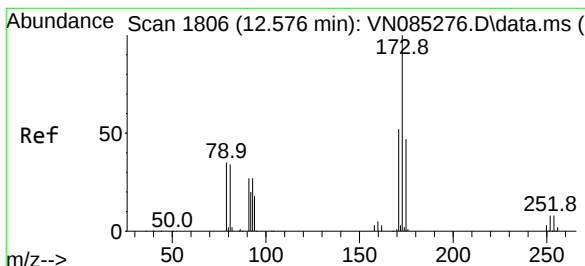
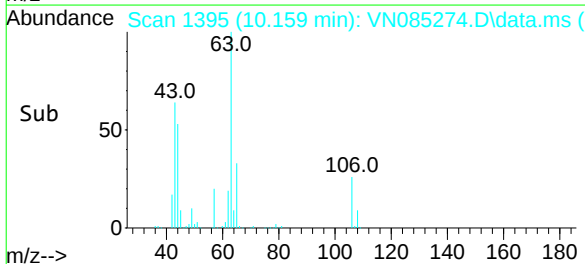
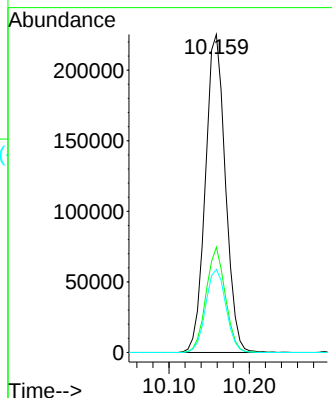
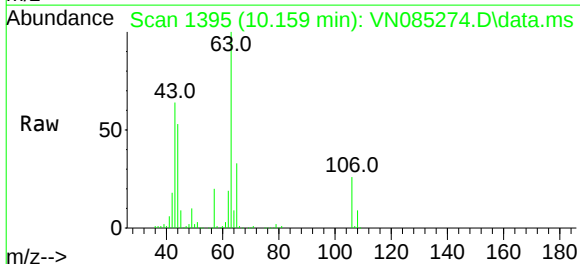




#55
2-Chloroethyl vinyl ether
Concen: 252.280 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

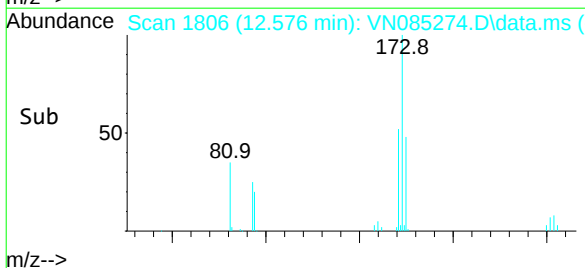
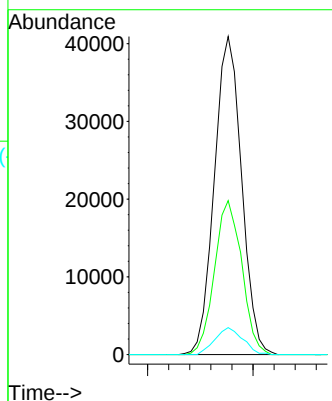
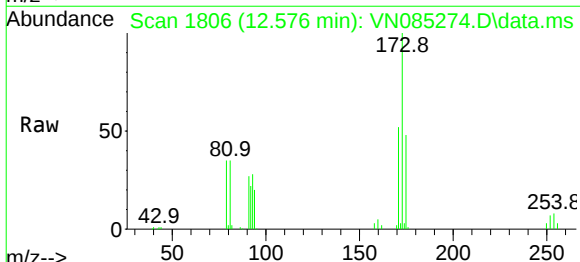
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

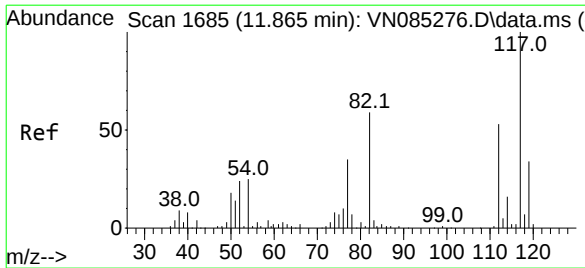
Tgt Ion:	63	Resp:	389749
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.9	38.9
106	26.5	21.2	31.8



#56
Bromoform
Concen: 48.571 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion:	173	Resp:	73622
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.4	59.2
254	8.7	7.2	10.8

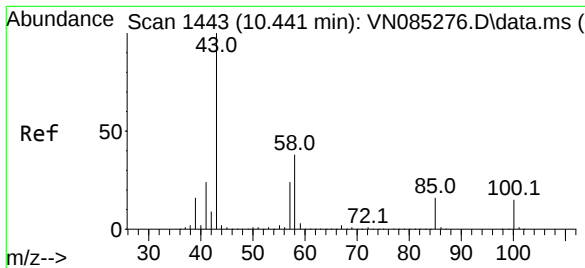
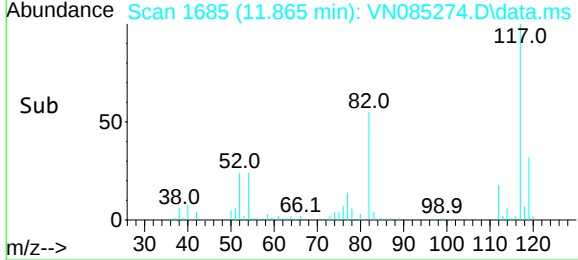
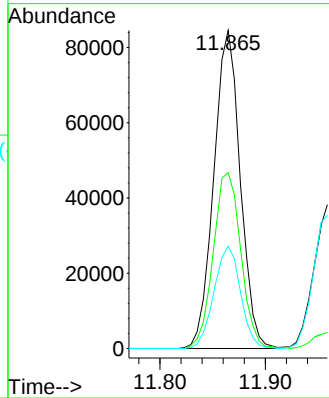
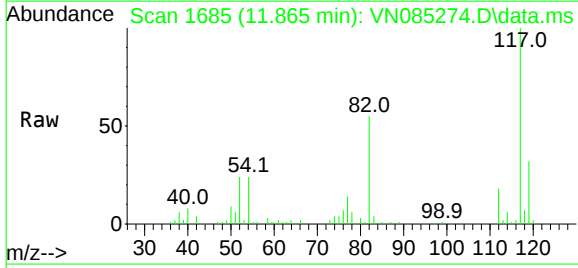




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

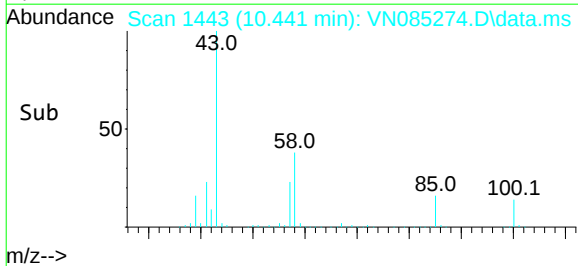
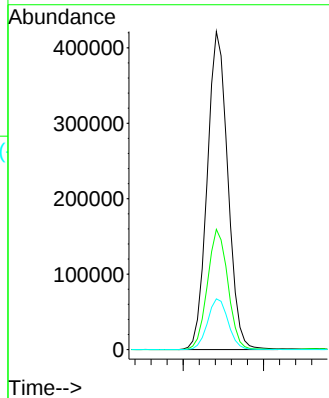
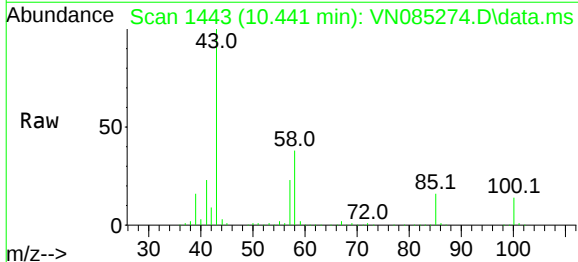
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

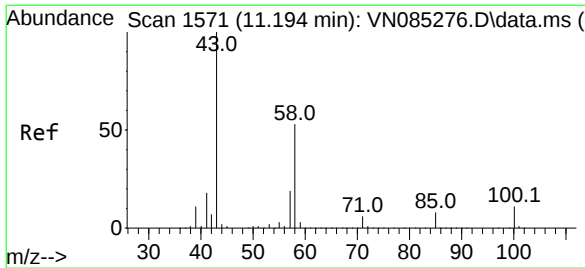
Tgt Ion: 117 Resp: 147286
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.0
119 32.2 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 251.417 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 43 Resp: 750694
Ion Ratio Lower Upper
43 100
58 37.6 29.2 43.8
85 16.0 12.8 19.2

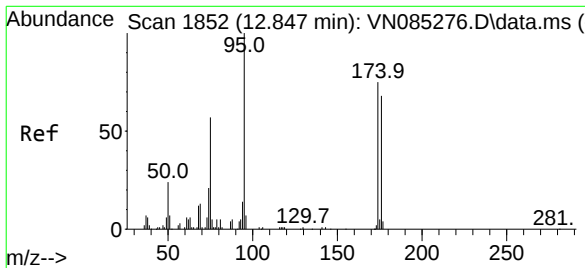
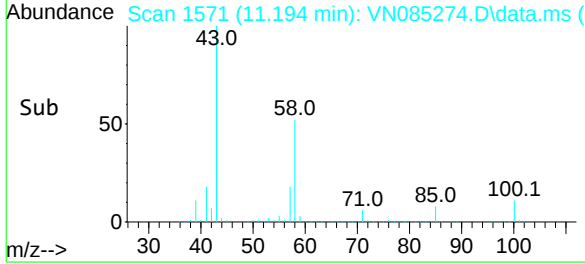
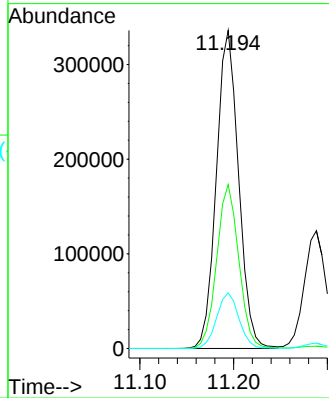
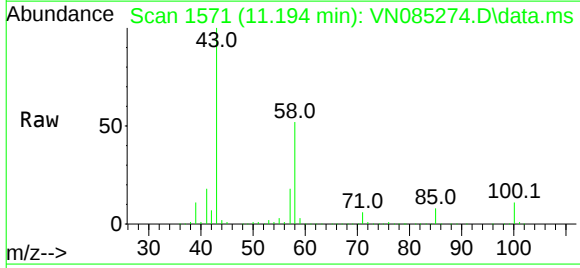




#59
2-Hexanone
Concen: 254.992 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

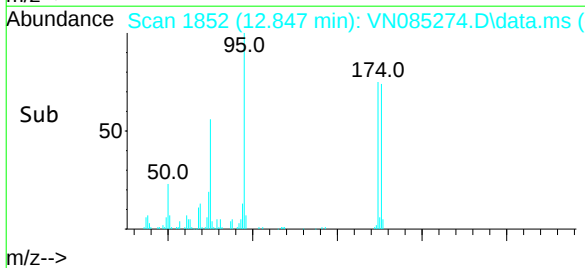
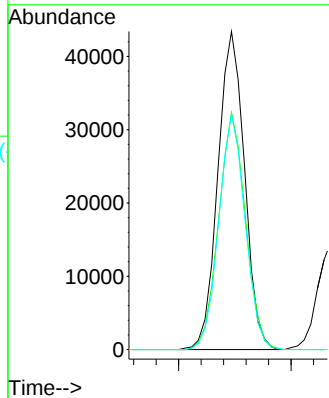
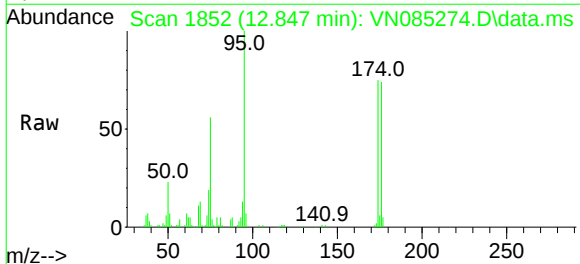
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

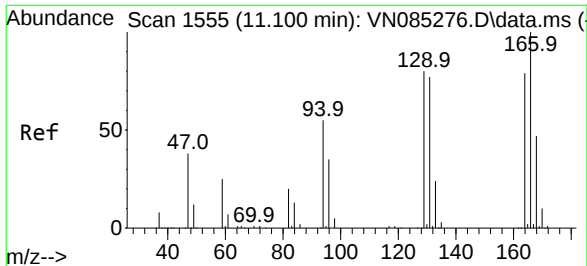
Tgt Ion:	43	Resp:	553103
Ion	Ratio	Lower	Upper
43	100		
58	51.3	40.2	60.4
57	17.6	14.2	21.4



#60
4-Bromofluorobenzene
Concen: 29.854 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

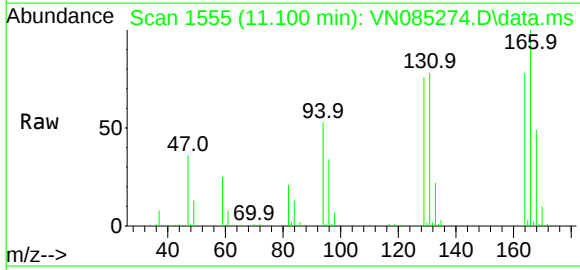
Tgt Ion:	95	Resp:	71225
Ion	Ratio	Lower	Upper
95	100		
174	75.3	57.8	86.8
176	73.2	57.1	85.7



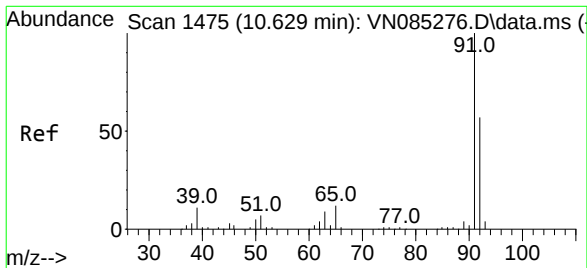
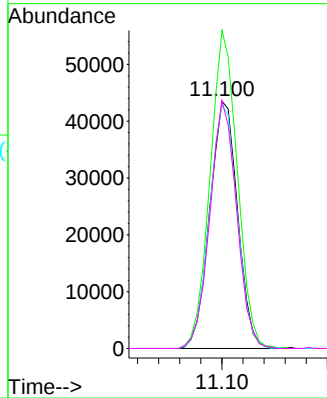
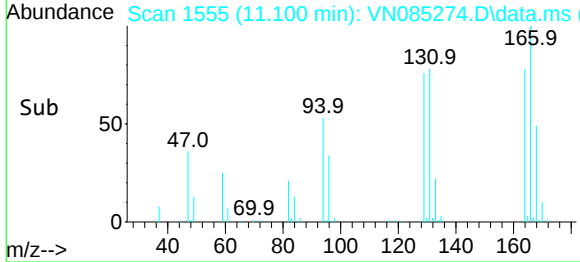


#61
Tetrachloroethene
Concen: 48.406 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

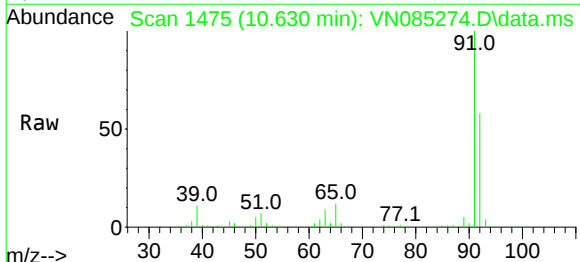
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



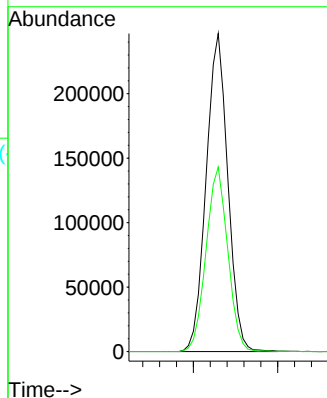
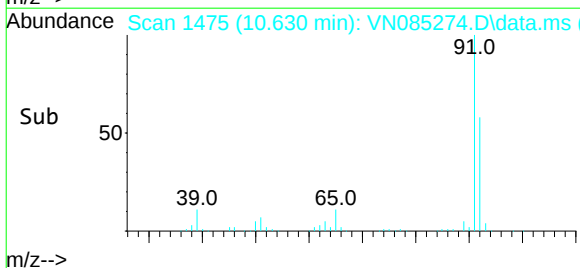
Tgt Ion:164 Resp: 79591
Ion Ratio Lower Upper
164 100
166 128.5 109.0 163.4
129 98.3 85.1 127.7
131 100.1 80.7 121.1

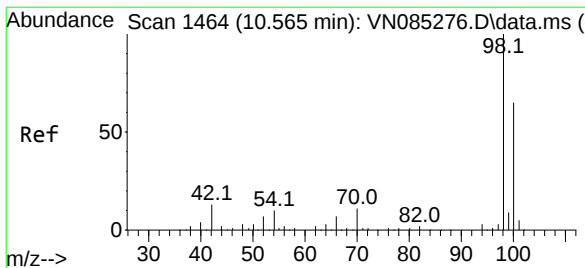


#62
Toluene
Concen: 48.622 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53



Tgt Ion: 91 Resp: 439961
Ion Ratio Lower Upper
91 100
92 58.0 45.9 68.9





#63

Toluene-d8

Concen: 29.616 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

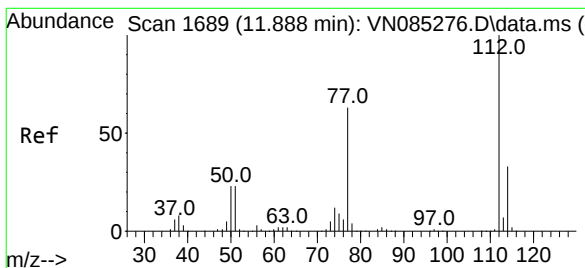
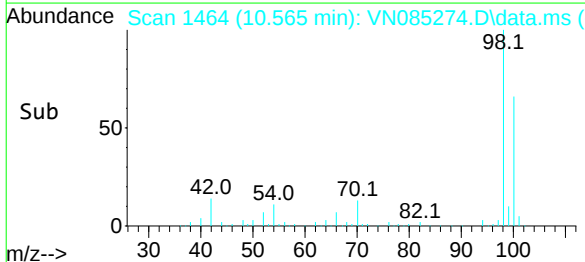
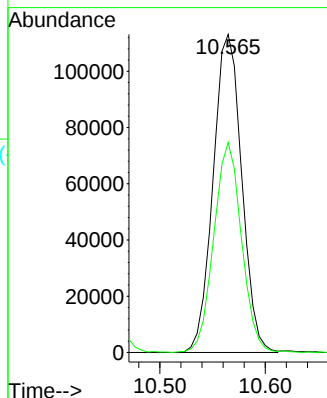
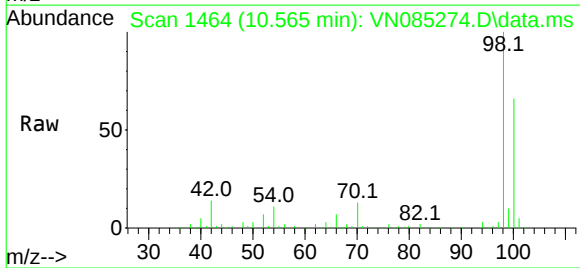
VSTDIC050

Tgt Ion: 98 Resp: 212997

Ion Ratio Lower Upper

98 100

100 63.9 50.8 76.2



#64

Chlorobenzene

Concen: 49.265 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085274.D

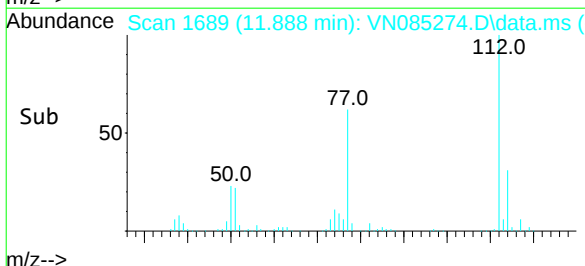
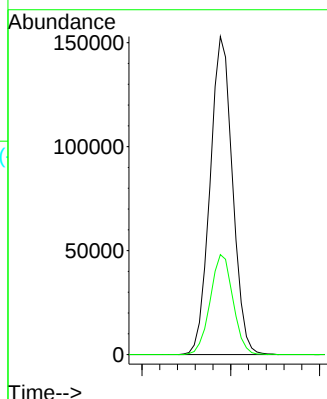
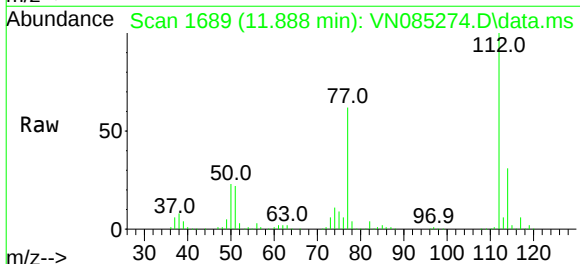
Acq: 20 Dec 2024 10:53

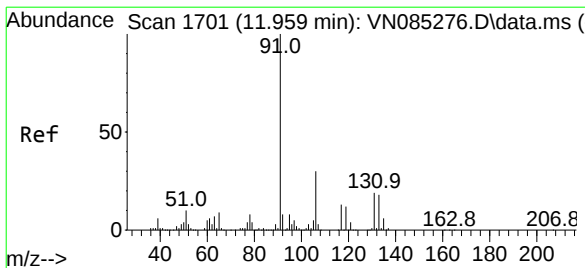
Tgt Ion: 112 Resp: 268859

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6

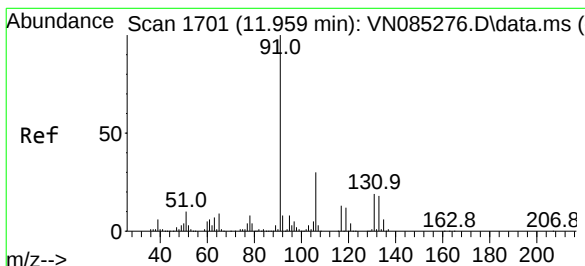
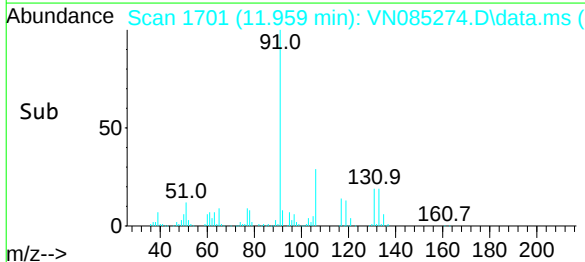
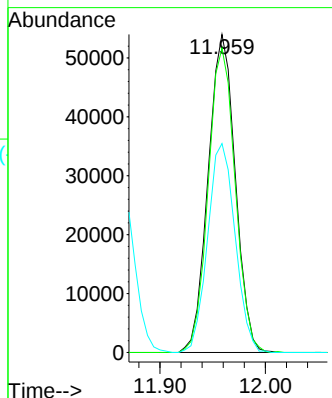
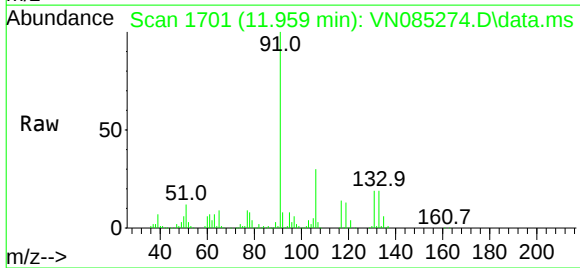




#65
1,1,1,2-Tetrachloroethane
Concen: 48.745 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

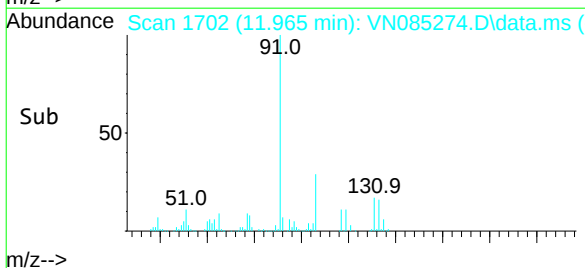
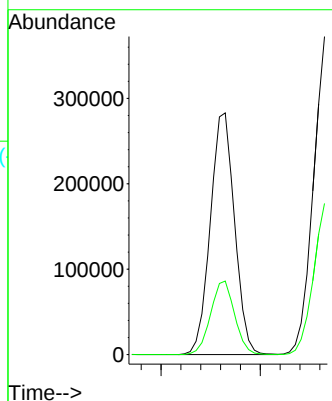
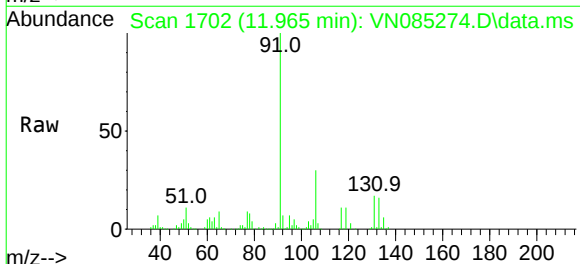
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

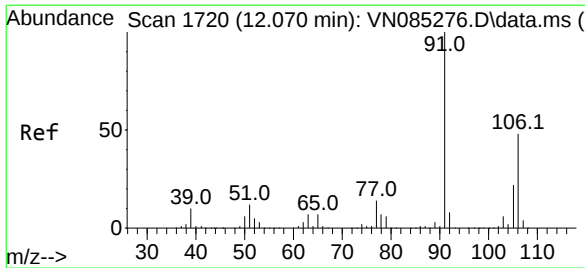
Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	0.0	189.4
119	66.5	0.0	135.0



#66
Ethyl Benzene
Concen: 50.448 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.2	34.8

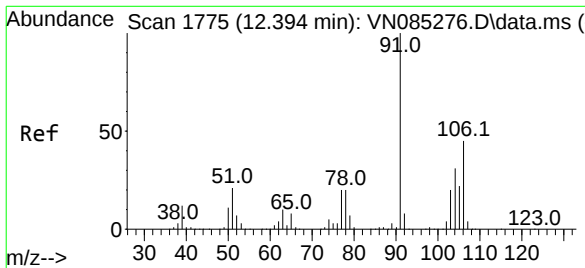
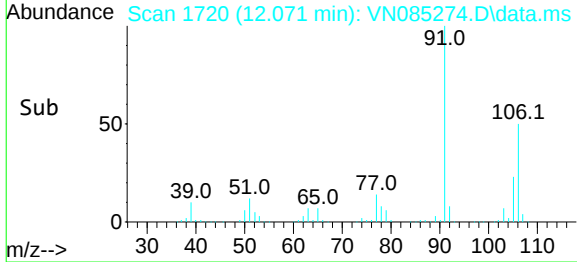
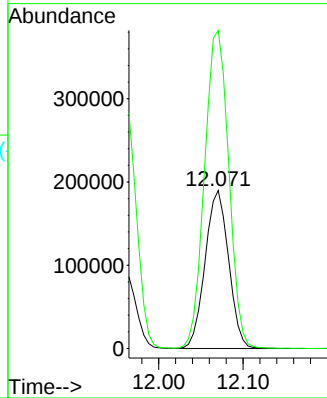
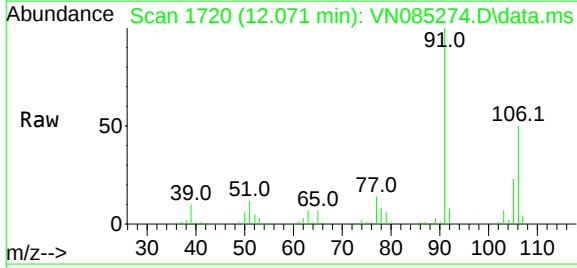




#67
m/p-Xylenes
Concen: 102.858 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

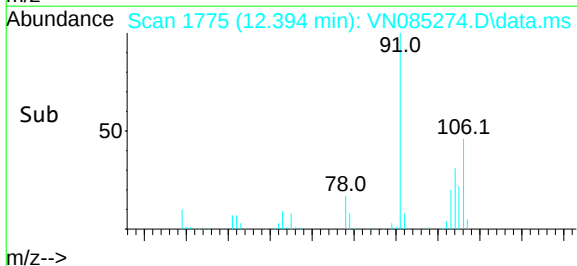
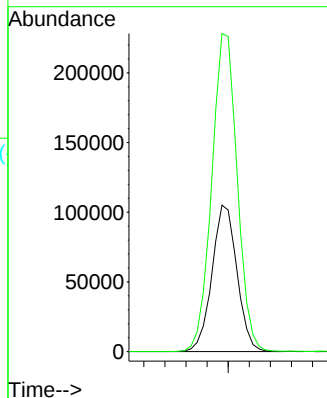
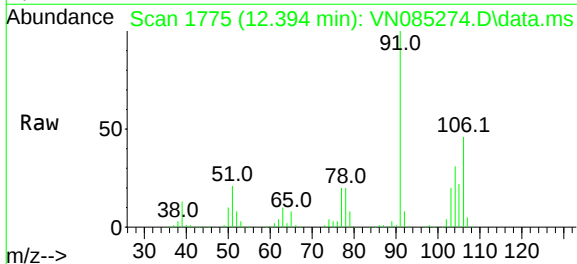
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

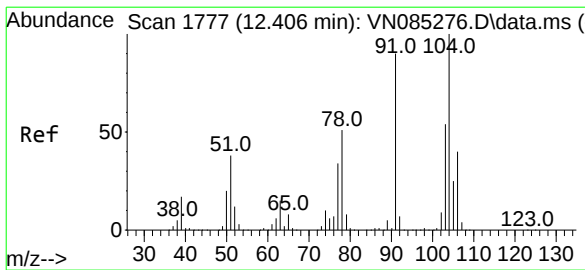
Tgt Ion:106 Resp: 367404
Ion Ratio Lower Upper
106 100
91 207.7 167.0 250.4



#68
o-Xylene
Concen: 50.851 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion:106 Resp: 173012
Ion Ratio Lower Upper
106 100
91 221.7 110.6 331.8





#69

Styrene

Concen: 52.615 ug/l

RT: 12.412 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

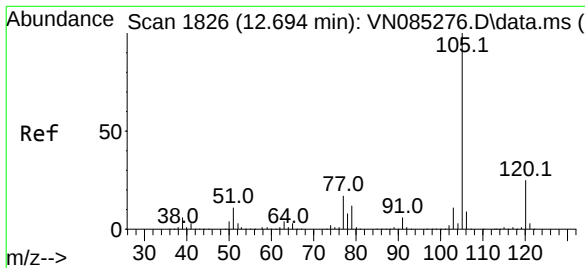
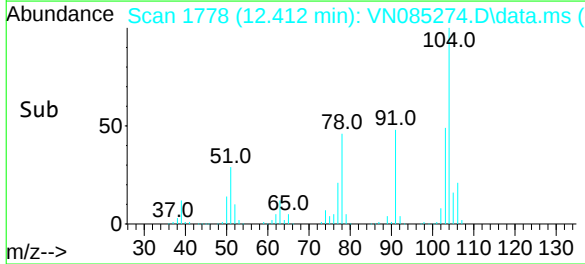
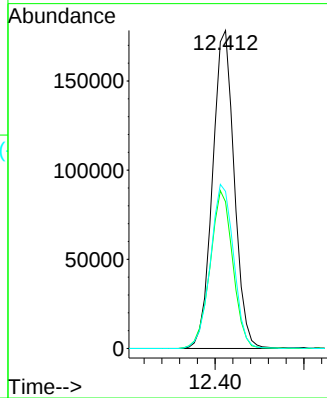
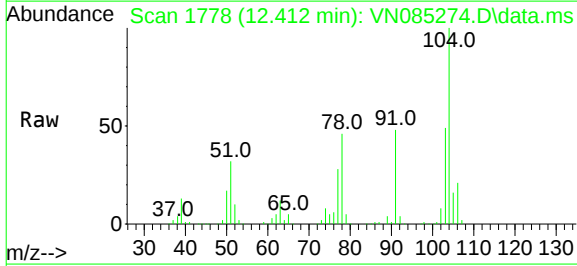
Tgt Ion:104 Resp: 302535

Ion Ratio Lower Upper

104 100

78 51.8 41.0 61.4

103 55.2 44.8 67.2



#70

Isopropylbenzene

Concen: 51.786 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085274.D

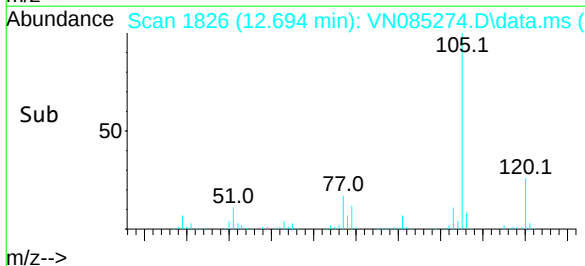
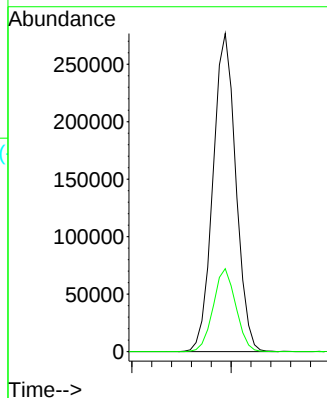
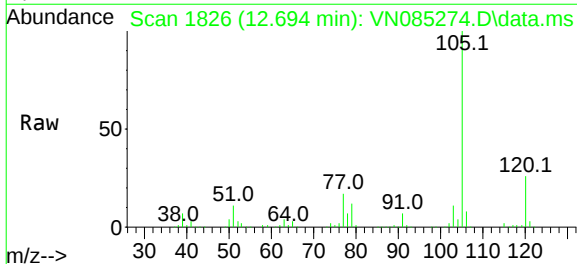
Acq: 20 Dec 2024 10:53

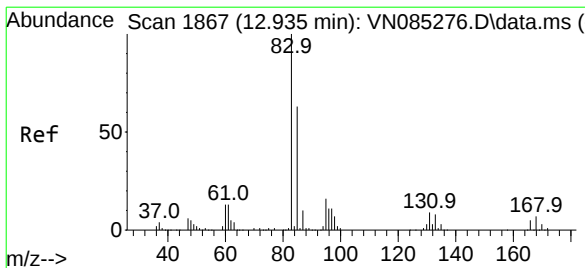
Tgt Ion:105 Resp: 442423

Ion Ratio Lower Upper

105 100

120 25.8 18.4 34.2





#71

1,1,2,2-Tetrachloroethane

Concen: 48.087 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

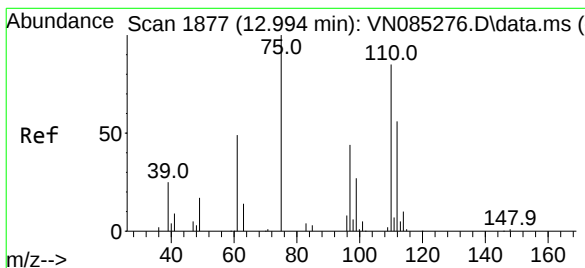
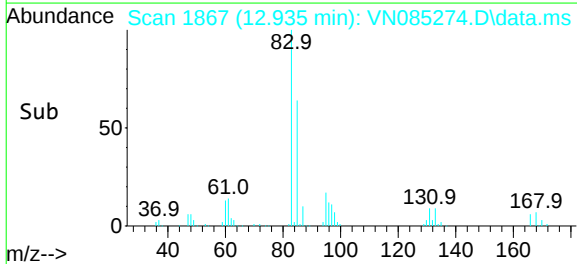
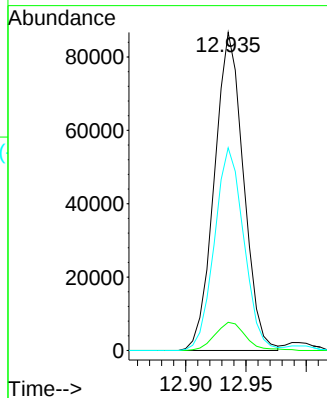
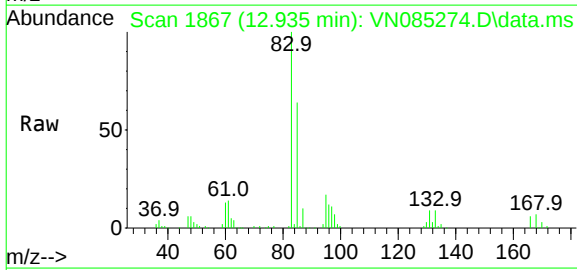
Tgt Ion: 83 Resp: 145707

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

85 64.3 33.0 98.9



#72

1,2,3-Trichloropropane

Concen: 50.442 ug/l m

RT: 12.988 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN085274.D

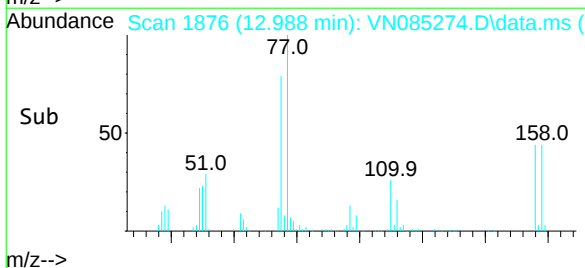
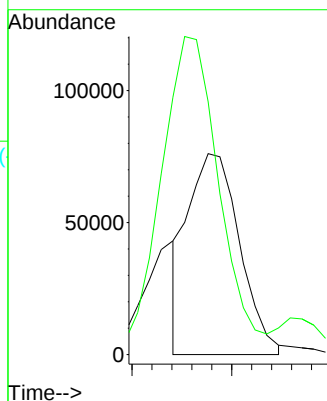
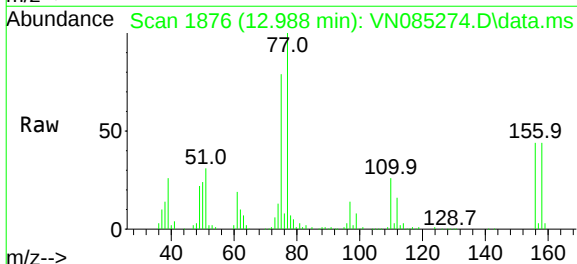
Acq: 20 Dec 2024 10:53

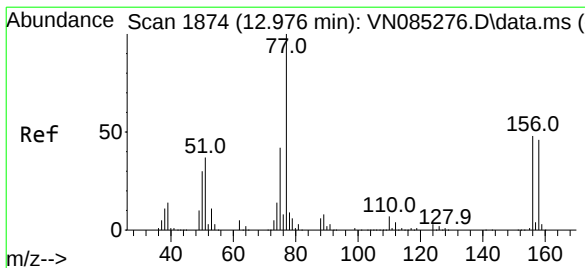
Tgt Ion: 75 Resp: 136966

Ion Ratio Lower Upper

75 100

77 178.6 0.0 319.6





#73

Bromobenzene

Concen: 50.270 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

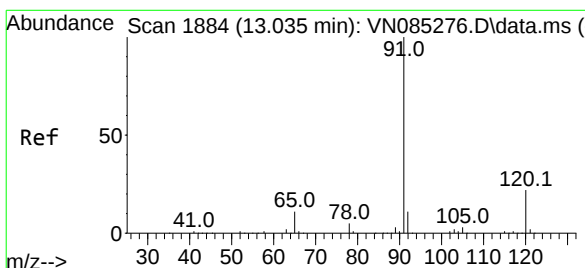
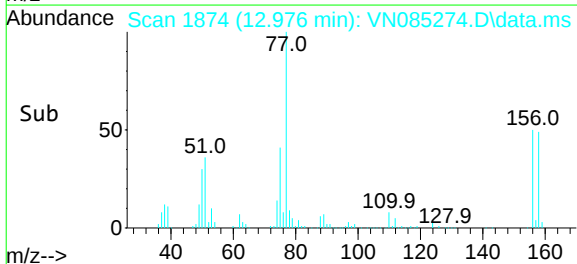
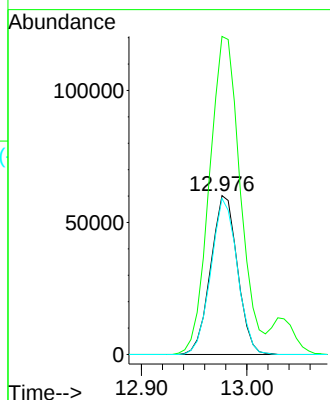
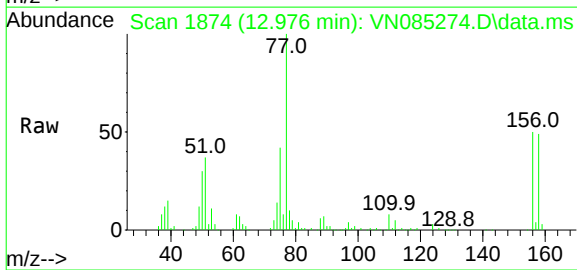
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:	156	Resp:	106099
Ion Ratio	Lower	Upper	
156	100		
77	230.6	0.0	462.6
158	96.9	0.0	186.4



#74

n-propylbenzene

Concen: 50.991 ug/l

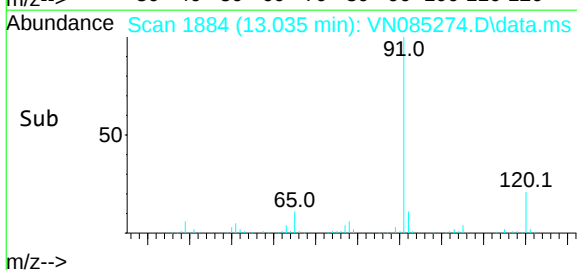
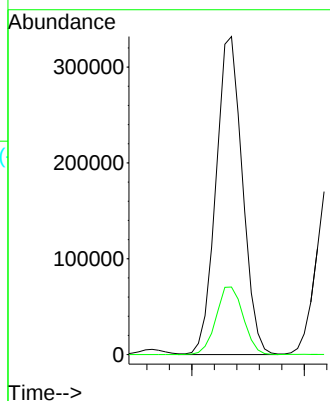
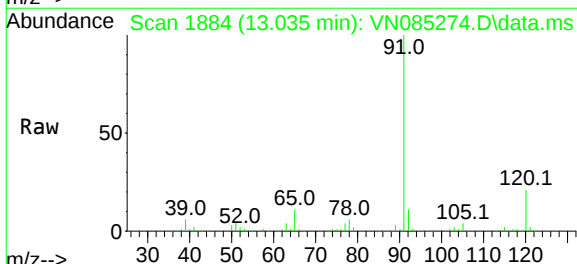
RT: 13.035 min Scan# 1884

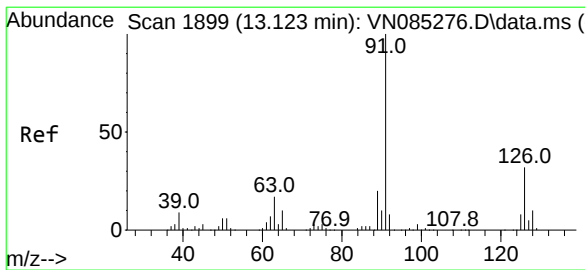
Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Tgt Ion:	91	Resp:	542722
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	41.4

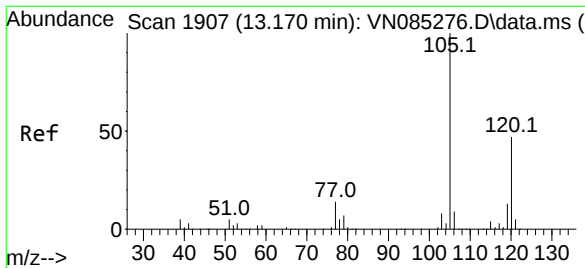
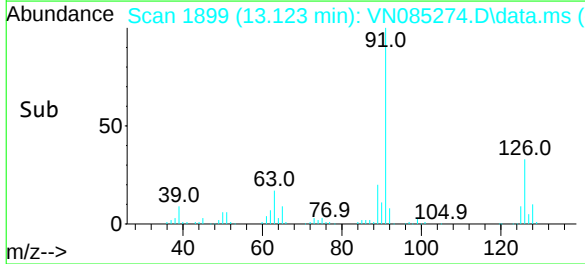
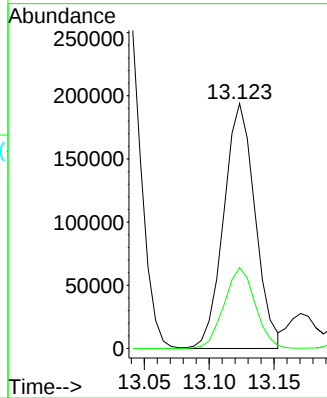
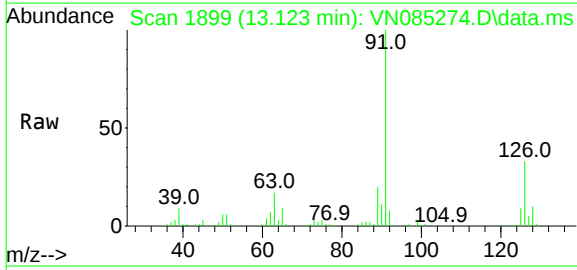




#75
2-Chlorotoluene
Concen: 50.887 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

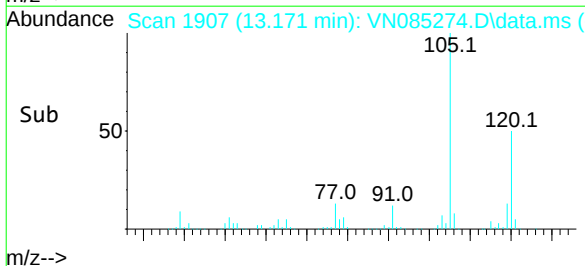
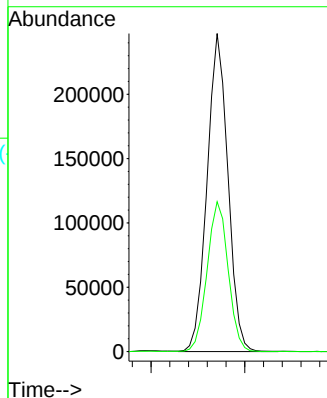
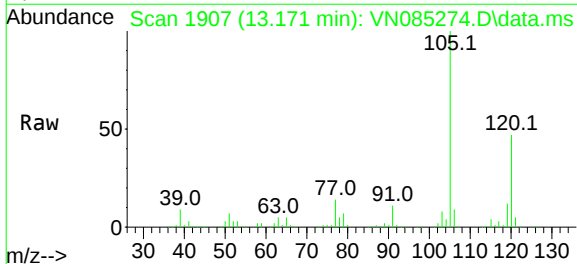
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

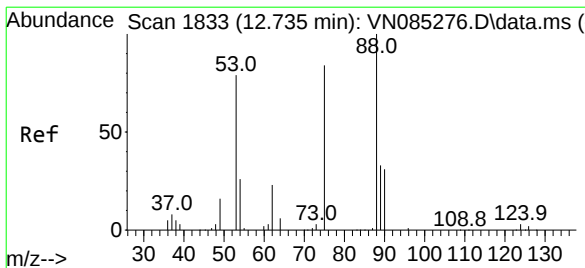
Tgt Ion: 91 Resp: 326274
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 52.349 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 105 Resp: 381614
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.0

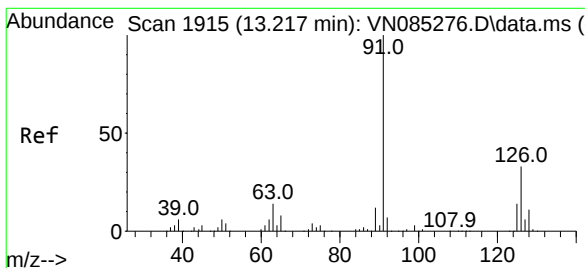
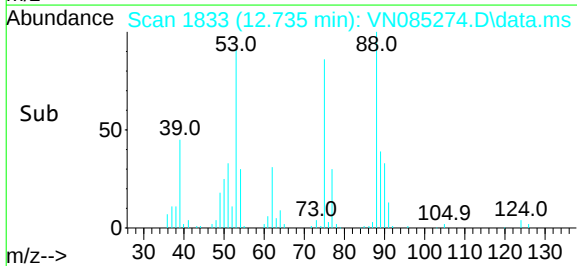
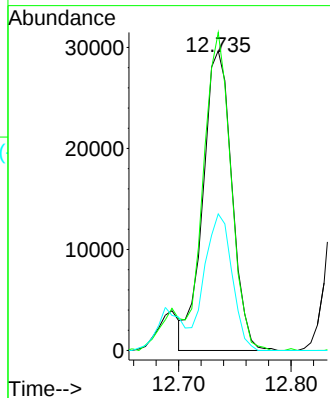
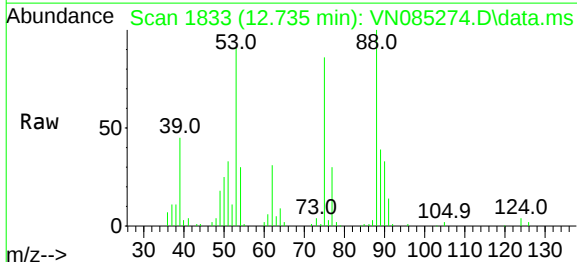




#77
t-1,4-Dichloro-2-butene
Concen: 50.256 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

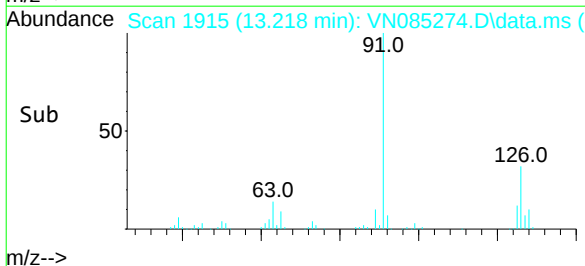
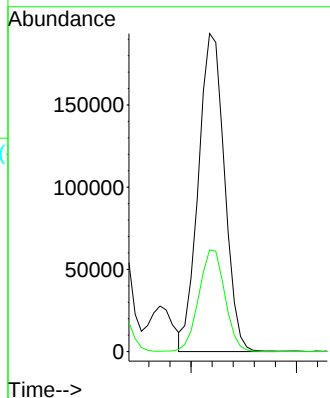
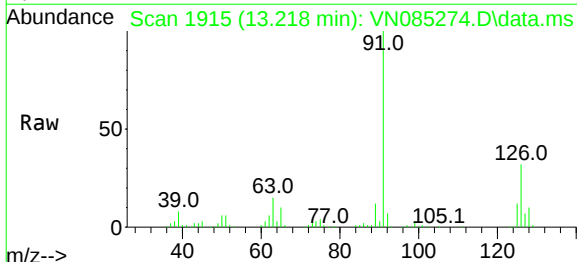
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

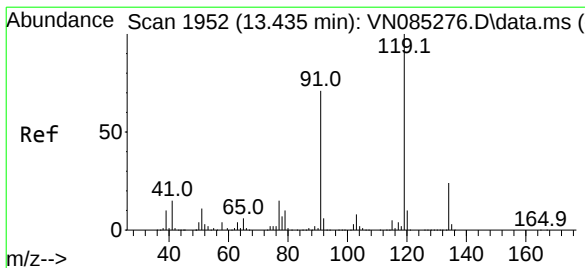
Tgt Ion: 75 Resp: 52968
Ion Ratio Lower Upper
75 100
53 106.1 54.9 164.5
89 45.6 22.8 68.3



#78
4-Chlorotoluene
Concen: 51.010 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 91 Resp: 332540
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.6

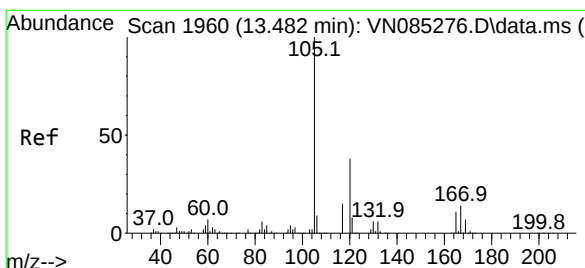
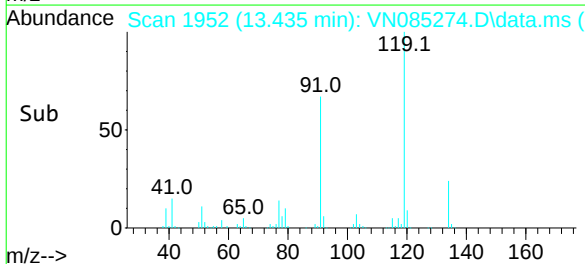
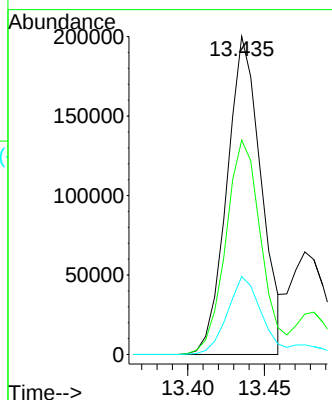
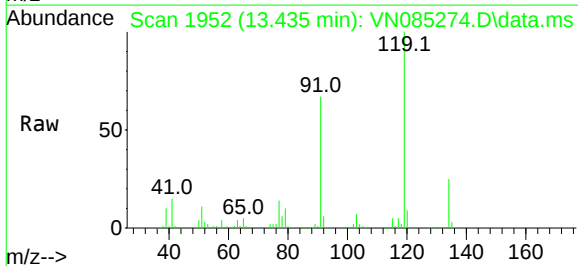




#79
tert-butylbenzene
Concen: 52.136 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

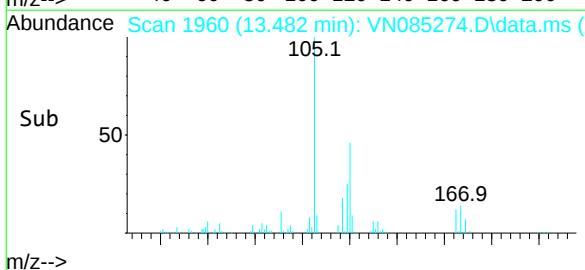
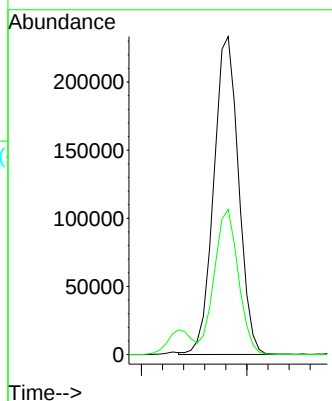
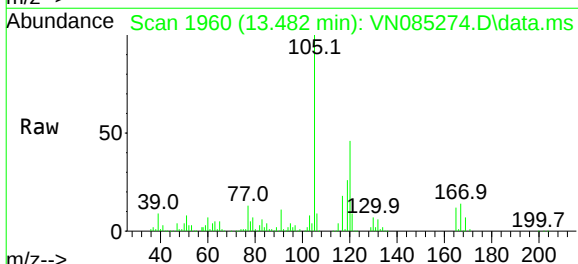
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

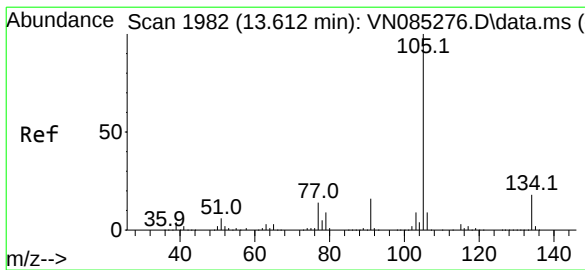
Tgt Ion:119 Resp: 310813
Ion Ratio Lower Upper
119 100
91 69.5 0.0 142.0
134 24.3 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 52.620 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion:105 Resp: 381672
Ion Ratio Lower Upper
105 100
120 44.4 0.0 89.8

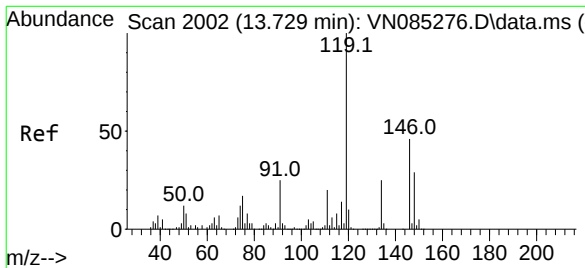
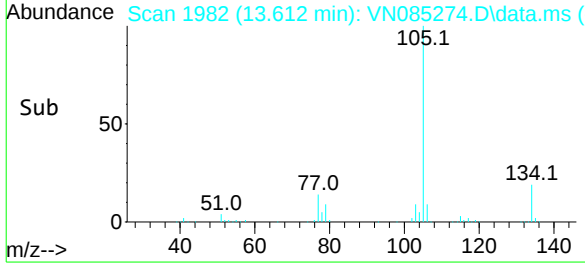
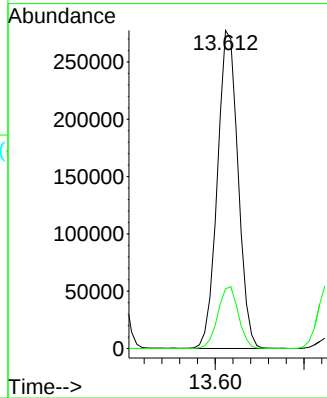
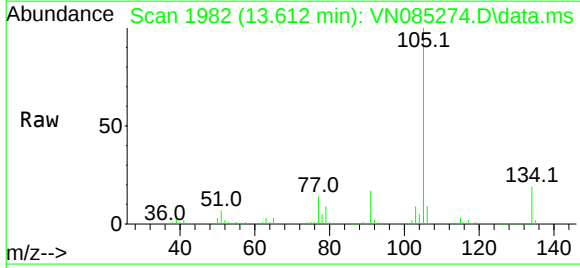




#81
sec-Butylbenzene
Concen: 52.091 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

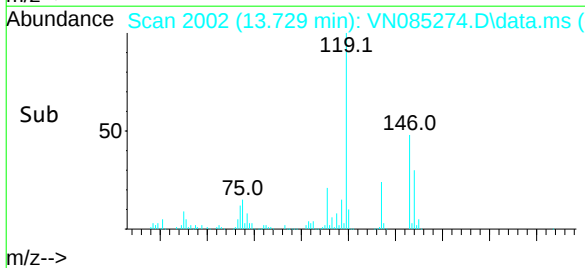
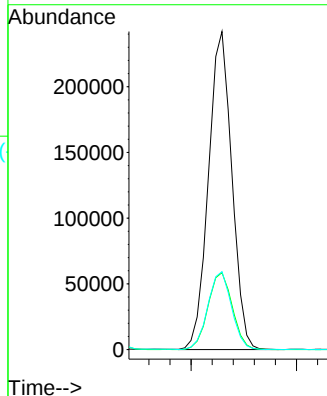
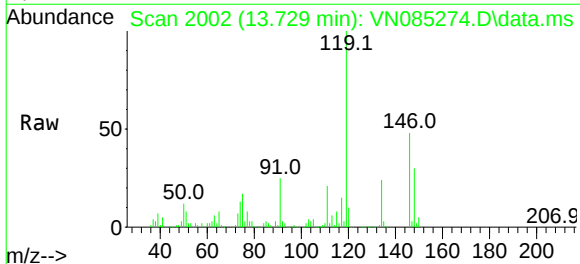
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

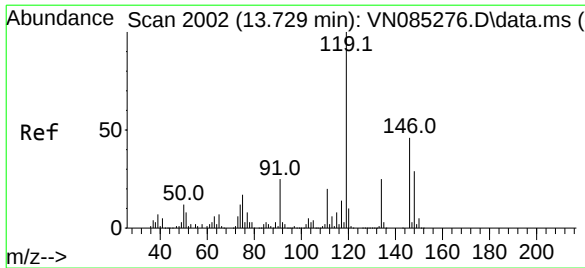
Tgt Ion:105 Resp: 448352
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.8



#82
p-Isopropyltoluene
Concen: 52.675 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion:119 Resp: 373378
Ion Ratio Lower Upper
119 100
134 25.1 0.0 51.4
91 24.8 0.0 51.4

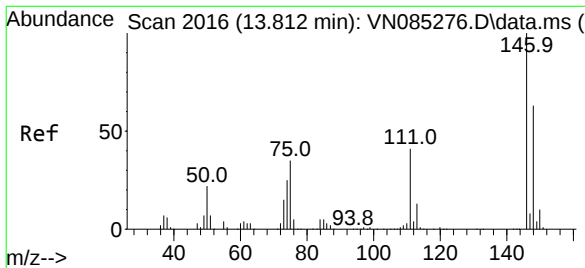
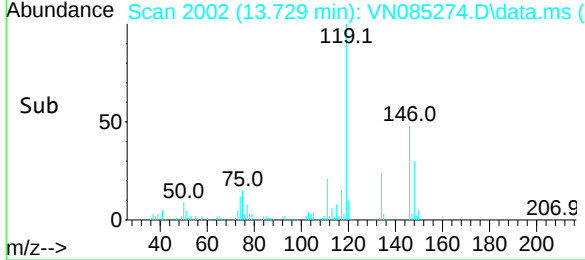
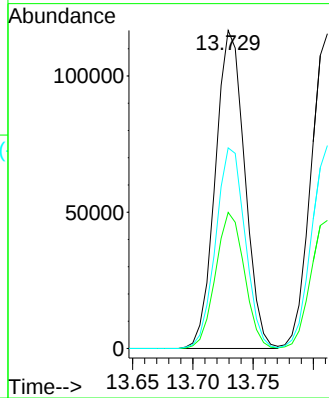
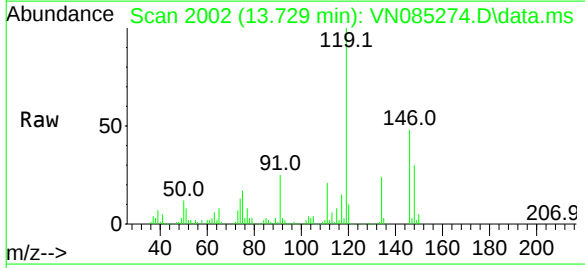




#83
1,3-Dichlorobenzene
Concen: 50.383 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

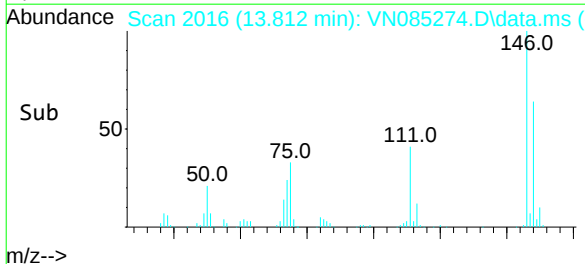
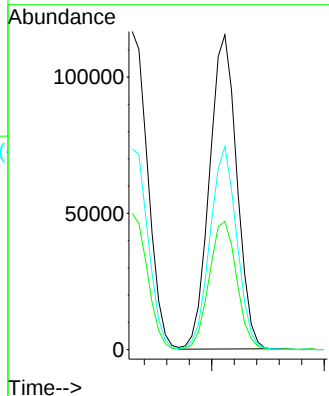
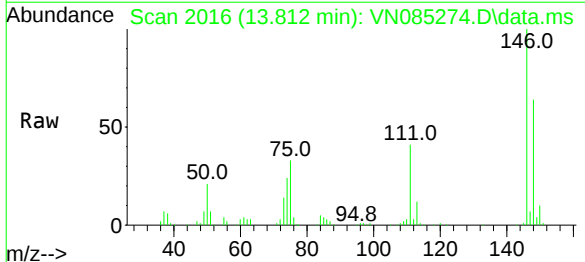
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

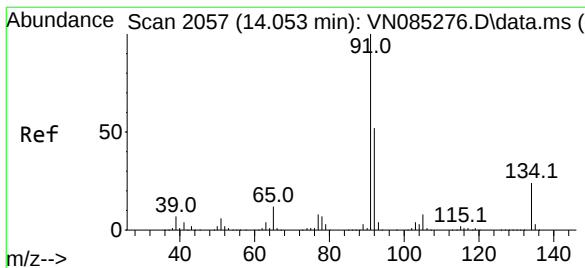
Tgt Ion:146 Resp: 198317
Ion Ratio Lower Upper
146 100
111 42.1 20.4 61.3
148 63.1 31.1 93.5



#84
1,4-Dichlorobenzene
Concen: 51.191 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion:146 Resp: 194944
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 63.2 33.2 99.6

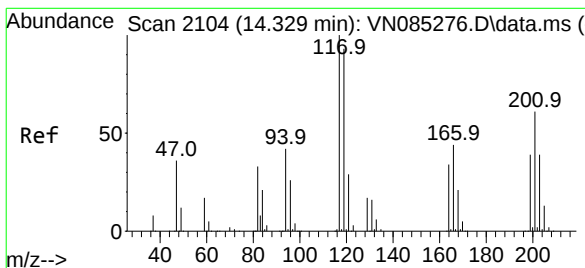
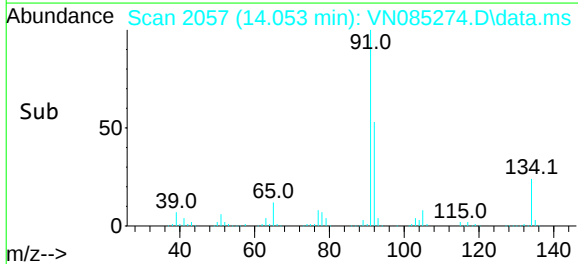
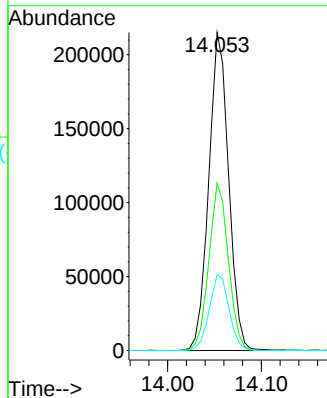
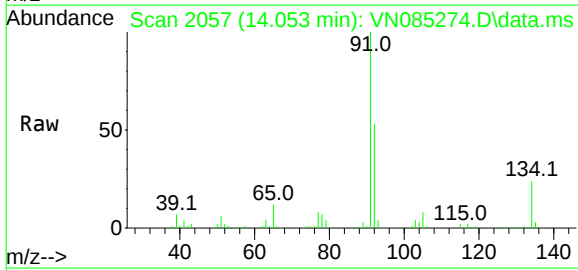




#85
n-Butylbenzene
Concen: 51.751 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

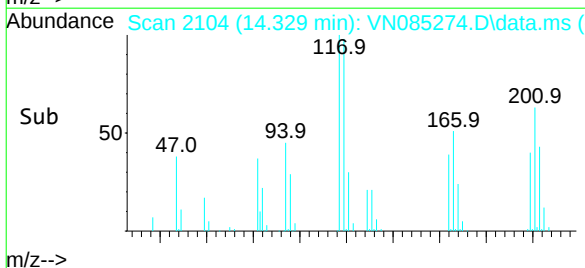
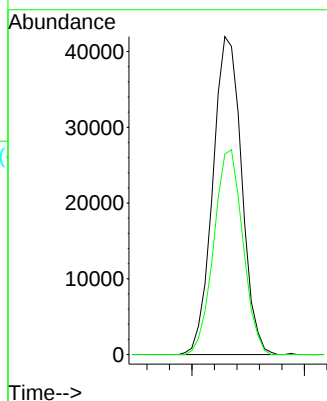
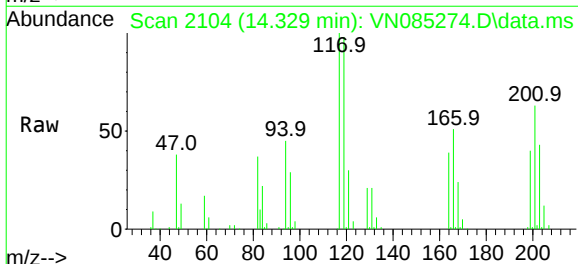
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

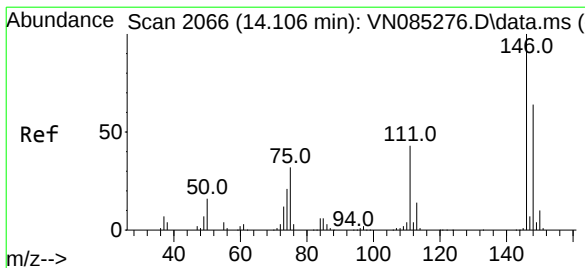
Tgt Ion: 91 Resp: 316703
Ion Ratio Lower Upper
91 100
92 51.6 0.0 102.0
134 23.8 0.0 46.4



#86
Hexachloroethane
Concen: 49.126 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085274.D
Acq: 20 Dec 2024 10:53

Tgt Ion: 117 Resp: 74758
Ion Ratio Lower Upper
117 100
201 64.9 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 51.479 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

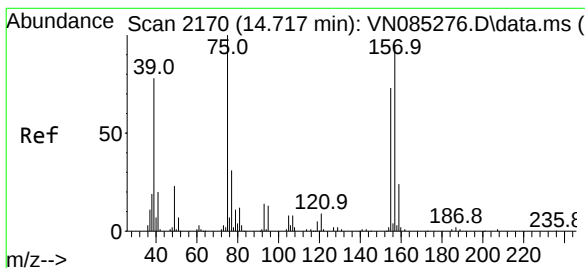
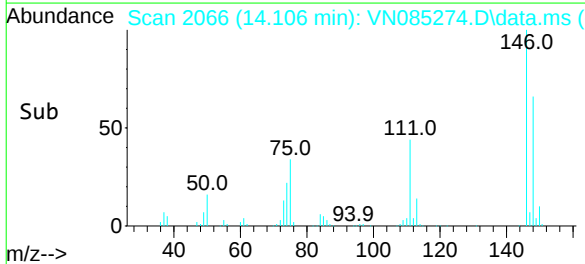
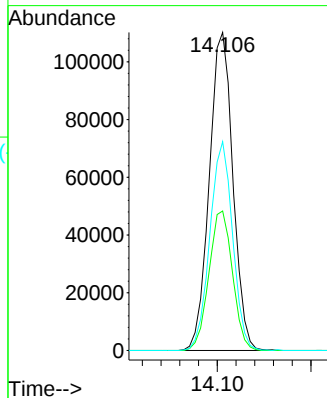
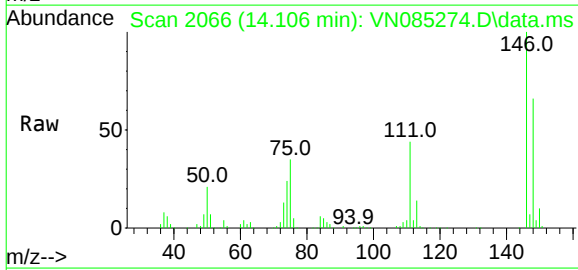
Tgt Ion:146 Resp: 192508

Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.3

148 63.4 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 50.822 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

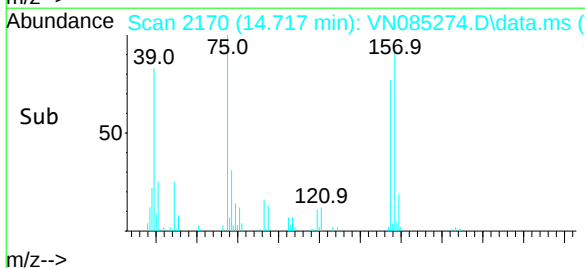
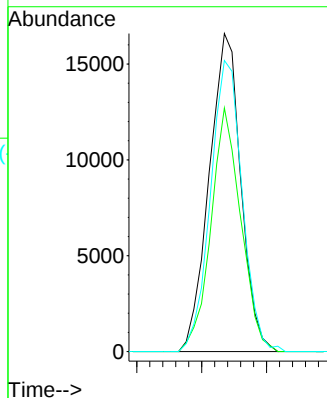
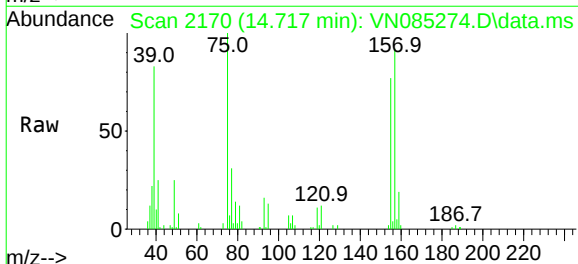
Tgt Ion: 75 Resp: 28112

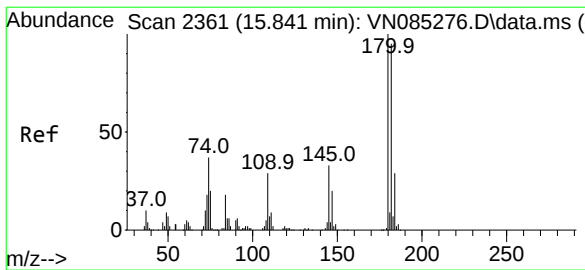
Ion Ratio Lower Upper

75 100

155 72.3 53.4 80.0

157 91.8 74.2 111.4





#89

1,2,4-Trichlorobenzene

Concen: 51.642 ug/l

RT: 15.835 min Scan# 23

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

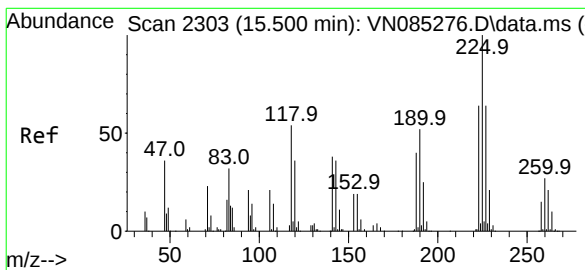
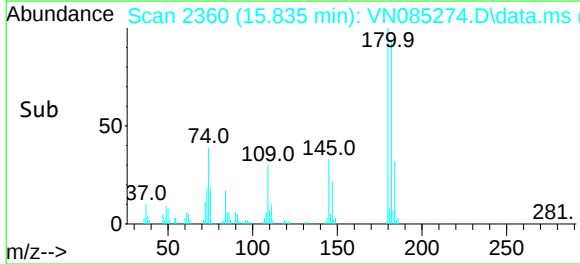
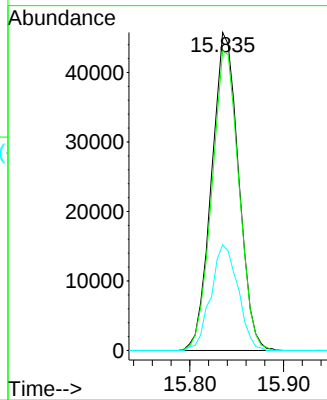
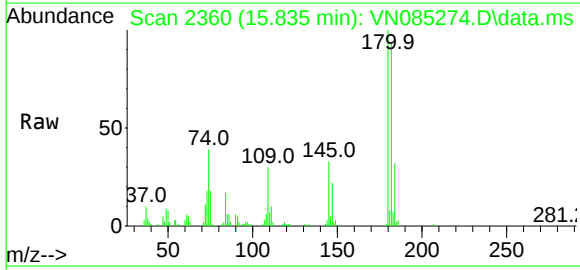
Tgt Ion:180 Resp: 91492

Ion Ratio Lower Upper

180 100

182 94.6 76.5 114.7

145 33.5 27.4 41.2



#90

Hexachlorobutadiene

Concen: 48.259 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

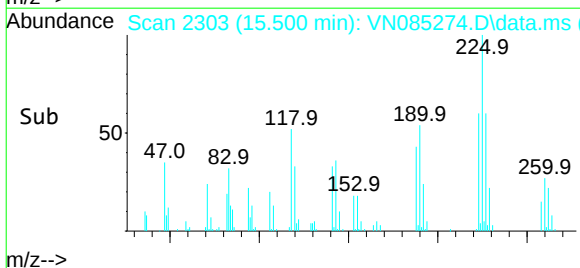
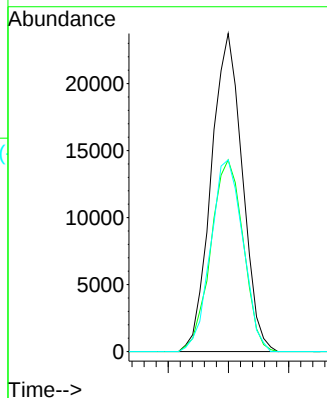
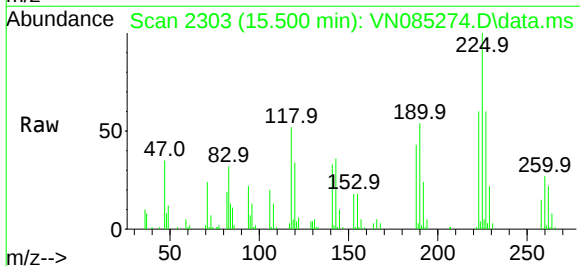
Tgt Ion:225 Resp: 42618

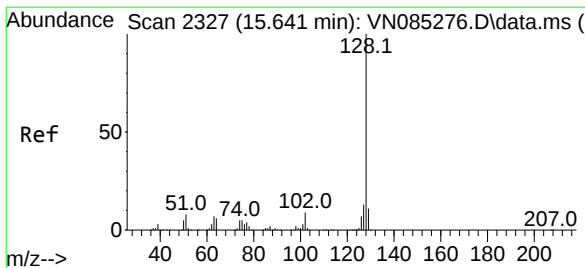
Ion Ratio Lower Upper

225 100

223 62.7 0.0 116.2

227 62.4 0.0 116.4





#91

Naphthalene

Concen: 51.695 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

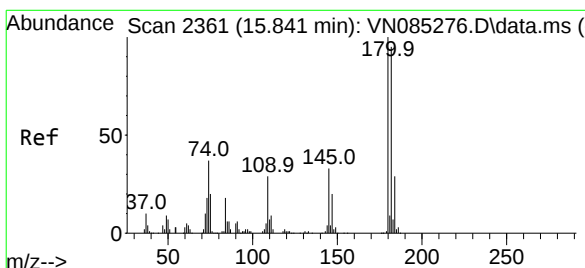
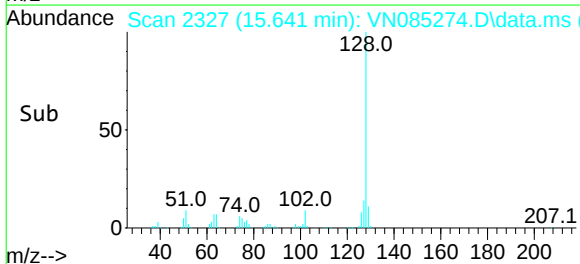
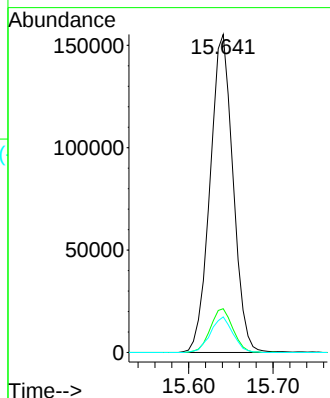
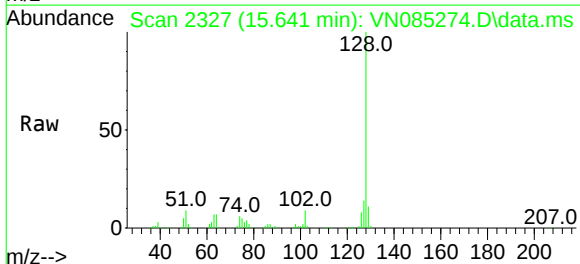
Tgt Ion:128 Resp: 294265

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.9 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 51.642 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085274.D

Acq: 20 Dec 2024 10:53

Tgt Ion:180 Resp: 91492

Ion Ratio Lower Upper

180 100

182 94.6 0.0 191.2

145 33.5 0.0 68.6

