

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085275.D
 Acq On : 20 Dec 2024 11:17
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 21 01:43:35 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	30847	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	160498	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	153405	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	80099	29.518	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.400%
60) 4-Bromofluorobenzene	12.847	95	75053	30.203	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.667%
63) Toluene-d8	10.565	98	216384	28.887	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	246556	95.593	ug/l	99
3) Chloromethane	2.359	50	242223	93.014	ug/l	98
4) Vinyl Chloride	2.506	62	251220	95.008	ug/l	98
5) Bromomethane	2.936	94	144535	93.503	ug/l	100
6) Chloroethane	3.106	64	152824	91.555	ug/l	90
7) Trichlorofluoromethane	3.489	101	345388	95.078	ug/l	98
8) Diethyl Ether	3.959	74	124805	99.756	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	199737	95.751	ug/l	98
10) 1,1-Dichloroethene	4.336	96	186282	97.752	ug/l	98
11) Methyl Iodide	4.583	142	241406	105.701	ug/l	98
12) Methyl Acetate	5.018	43	281279	98.914	ug/l	97
13) Acrolein	4.177	56	108832	428.379	ug/l	99
14) Acrylonitrile	5.712	53	555218	504.428	ug/l	99
15) Acetone	4.424	58	134644	484.930	ug/l	95
16) Carbon Disulfide	4.706	76	547597	94.533	ug/l	96
17) Allyl chloride	5.018	41	308150	99.962	ug/l	97
18) Methylene Chloride	5.277	84	212750	93.689	ug/l	96
19) trans-1,2-Dichloroethene	5.783	96	193775	97.765	ug/l	99
20) Diisopropyl ether	6.665	45	703508	99.577	ug/l	96
21) 1,1-Dichloroethane	6.565	63	395631	95.790	ug/l #	96
22) cis-1,2-Dichloroethene	7.482	96	235386	99.731	ug/l	98
23) tert-Butyl Alcohol	5.512	59	188938	520.848	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	641818	102.611	ug/l	97
25) Chloroform	7.965	83	393899	94.083	ug/l	99
26) Cyclohexane	8.253	56	327709	104.067	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	283121	101.600	ug/l	100
30) 2-Butanone	7.477	43	753754	512.438	ug/l	99
31) 2,2-Dichloropropane	7.488	77	346752	98.201	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	347150	95.831	ug/l	98
33) Carbon Tetrachloride	8.359	117	306524	96.662	ug/l	95
34) Benzene	8.606	78	859140	97.537	ug/l	98
35) Methacrylonitrile	7.777	41	164485	101.017	ug/l	96
36) 1,2-Dichloroethane	8.671	62	304004	95.442	ug/l	99
37) Trichloroethene	9.353	130	189053	97.550	ug/l	97
38) Methylcyclohexane	9.600	83	311600	108.056	ug/l	93
39) 1,2-Dichloropropane	9.618	63	216881	96.777	ug/l	95
40) Dibromomethane	9.706	93	150157	96.103	ug/l	99
41) Bromodichloromethane	9.888	83	316593	96.956	ug/l	99
42) Vinyl Acetate	6.600	43	2741189	527.947	ug/l	100

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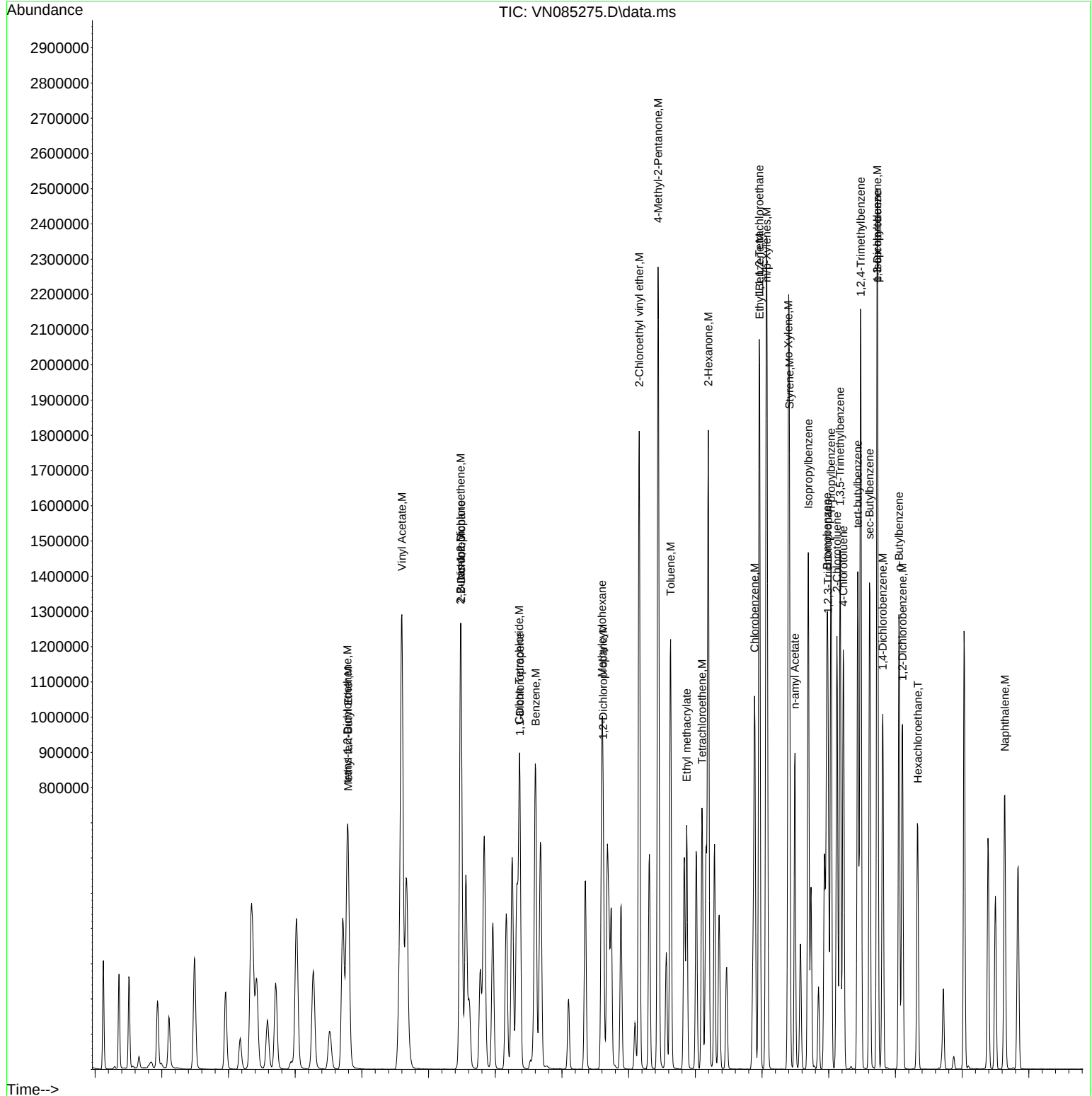
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	311058	102.259	ug/l	94
44) Isopropyl Acetate	8.688	43	516730	102.257	ug/l	99
45) 1,4-Dioxane	9.688	88	83662	2128.602	ug/l	97
46) Methyl methacrylate	9.676	41	246088	104.916	ug/l	98
47) n-amyl Acetate	12.494	43	469368	109.035	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	328441	101.831	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	350611	101.113	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	195079	95.466	ug/l	98
51) Ethyl methacrylate	10.871	69	337682	109.258	ug/l	94
52) 1,3-Dichloropropane	11.159	76	354047	99.257	ug/l	98
53) Dibromochloromethane	11.359	129	230512	96.273	ug/l	98
54) 1,2-Dibromoethane	11.470	107	197287	99.764	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	794467	499.033	ug/l	100
56) Bromoform	12.576	173	155445	99.517	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	1555548	500.192	ug/l	98
59) 2-Hexanone	11.194	43	1155911	511.643	ug/l	97
61) Tetrachloroethene	11.100	164	158376	92.479	ug/l	95
62) Toluene	10.629	91	906601	96.195	ug/l	99
64) Chlorobenzene	11.888	112	552038	97.120	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	196883	95.511	ug/l	99
66) Ethyl Benzene	11.965	91	1023076	103.167	ug/l	98
67) m/p-Xylenes	12.070	106	759711	204.205	ug/l	99
68) o-Xylene	12.394	106	365116	103.033	ug/l	99
69) Styrene	12.412	104	627310	104.745	ug/l	99
70) Isopropylbenzene	12.694	105	931902	104.729	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	299530	94.909	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	245228m	86.710	ug/l	
73) Bromobenzene	12.976	156	217768	99.063	ug/l	97
74) n-propylbenzene	13.035	91	1150009	103.738	ug/l	98
75) 2-Chlorotoluene	13.123	91	688133	103.043	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	795513	104.774	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	116397	106.032	ug/l	90
78) 4-Chlorotoluene	13.217	91	696441	102.569	ug/l	99
79) tert-butylbenzene	13.435	119	658635	106.072	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	802332	106.203	ug/l	99
81) sec-Butylbenzene	13.612	105	950101	105.983	ug/l	99
82) p-Isopropyltoluene	13.729	119	797992	108.087	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	414079	101.002	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	404547	101.995	ug/l	97
85) n-Butylbenzene	14.053	91	709360	111.289	ug/l	98
86) Hexachloroethane	14.335	117	156383	98.666	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	391699	100.567	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	59160	102.685	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	195643	106.025	ug/l	100
90) Hexachlorobutadiene	15.500	225	88782	96.524	ug/l	94
91) Naphthalene	15.641	128	681808	114.999	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	195643	106.025	ug/l	100

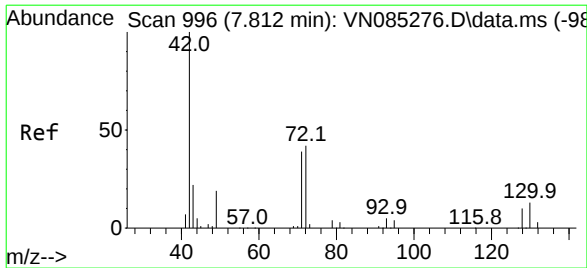
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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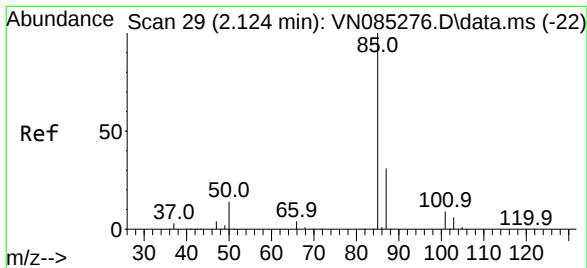
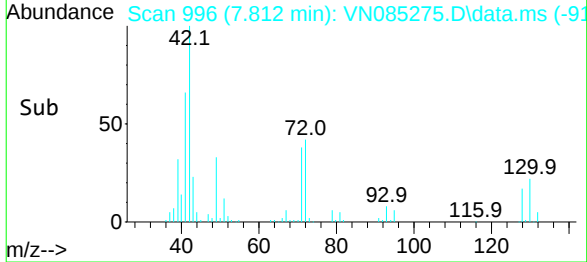
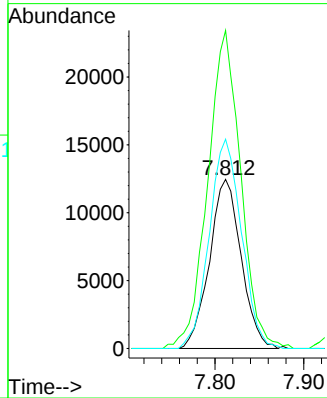
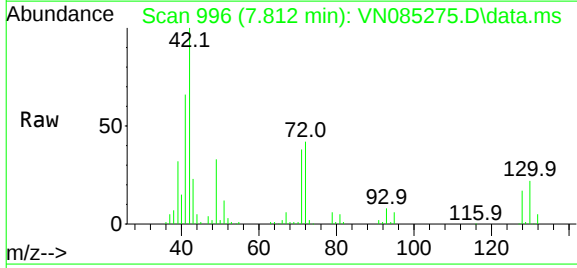




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. -0.000 min
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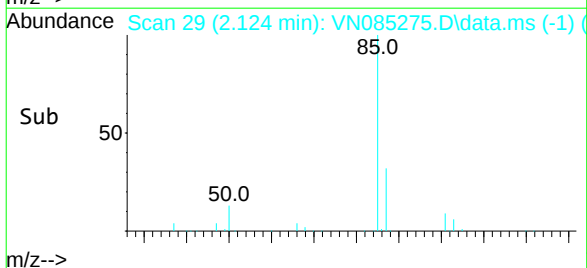
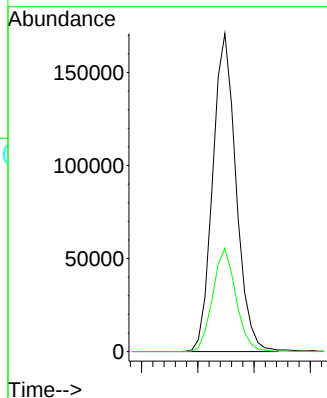
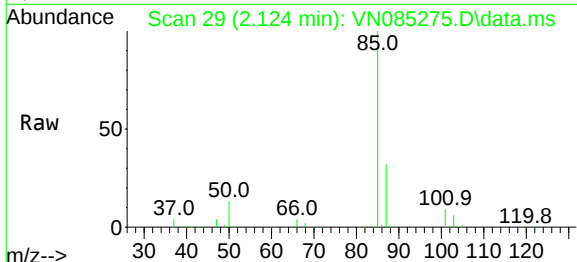
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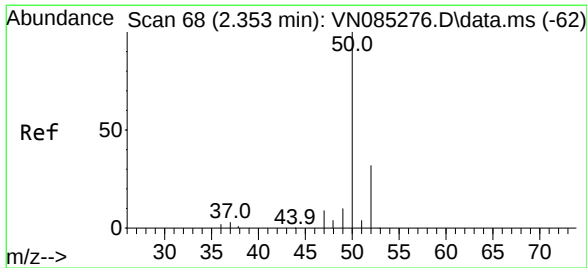
Tgt Ion	Ratio	Lower	Upper
128	100		
49	195.6	0.0	497.8
130	126.3	0.0	328.5



#2
Dichlorodifluoromethane
Concen: 95.593 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.5	49.5

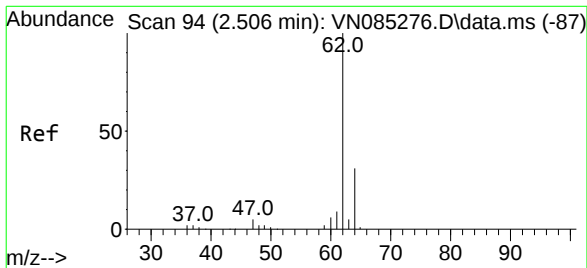
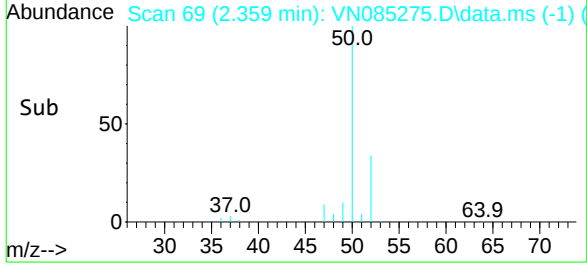
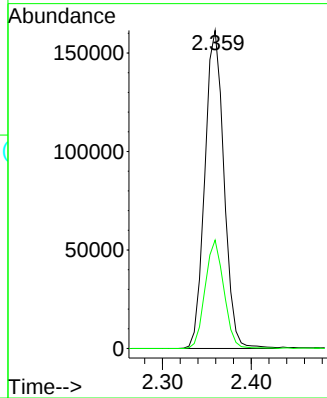
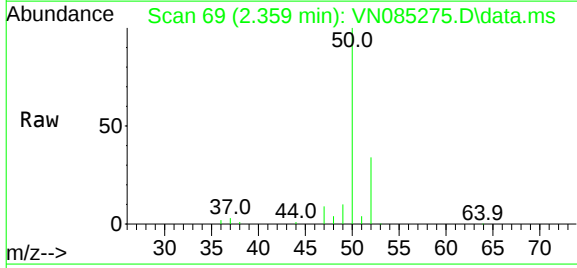




#3
Chloromethane
Concen: 93.014 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

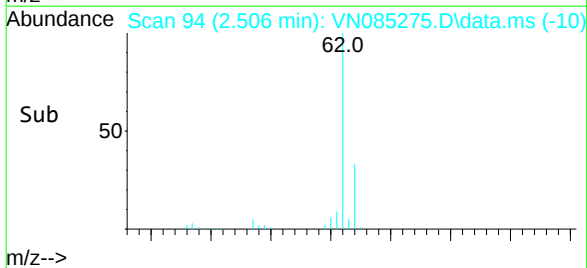
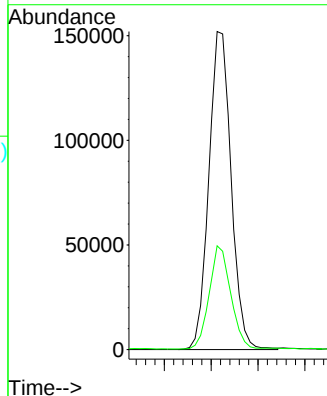
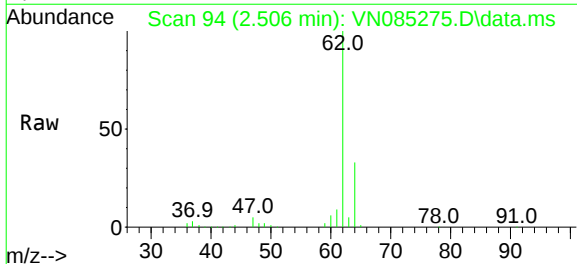
Instrument :
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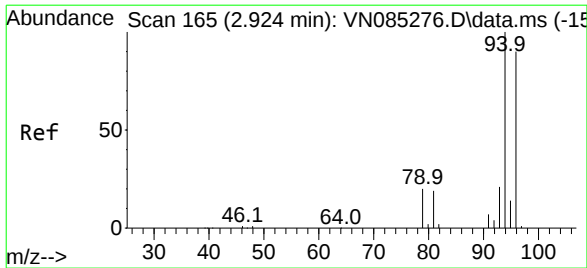
Tgt Ion: 50 Resp: 242223
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7



#4
Vinyl Chloride
Concen: 95.008 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 62 Resp: 251220
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.4

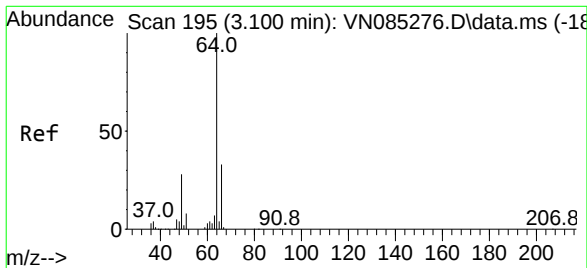
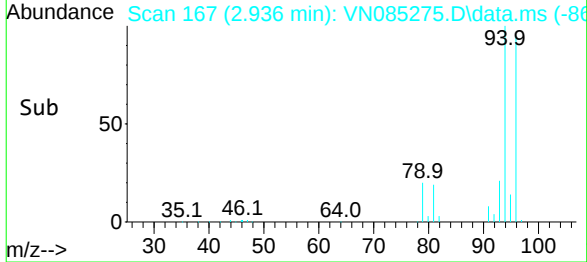
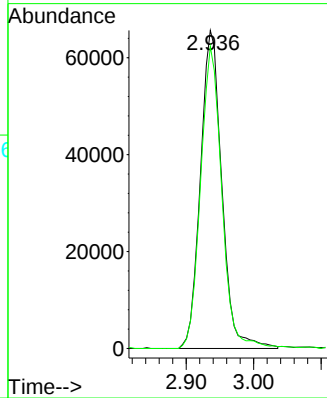
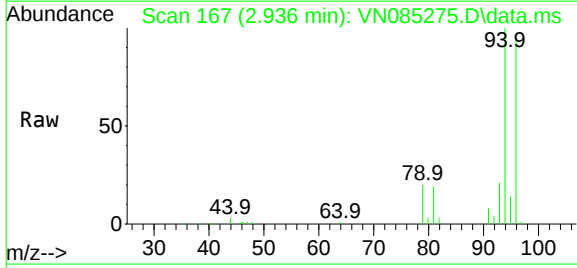




#5
Bromomethane
Concen: 93.503 ug/l
RT: 2.936 min Scan# 16
Delta R.T. -0.023 min
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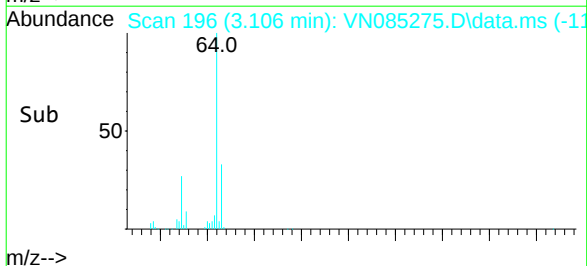
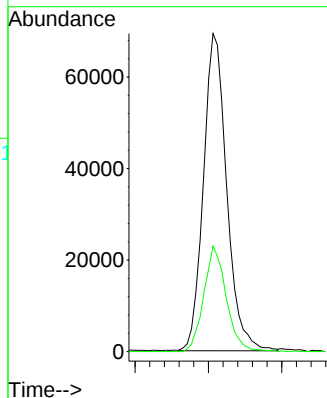
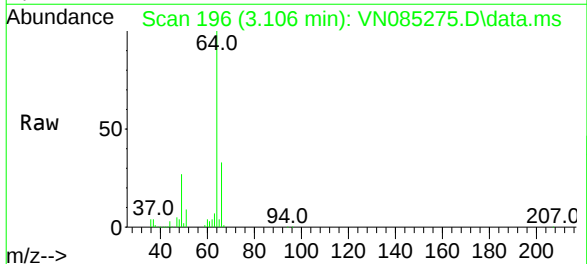
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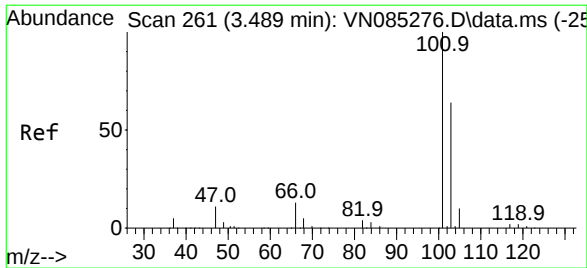
Tgt Ion: 94 Resp: 144535
Ion Ratio Lower Upper
94 100
96 94.9 75.6 113.4



#6
Chloroethane
Concen: 91.555 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN085275.D
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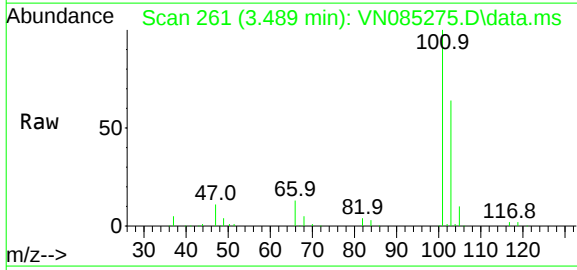
Tgt Ion: 64 Resp: 152824
Ion Ratio Lower Upper
64 100
66 33.3 22.2 33.4



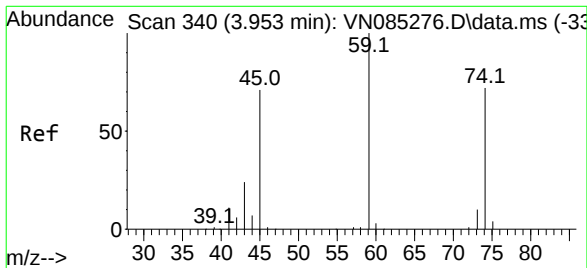
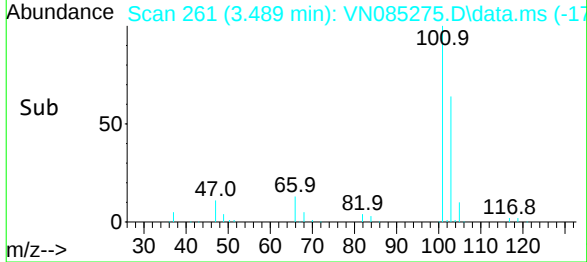
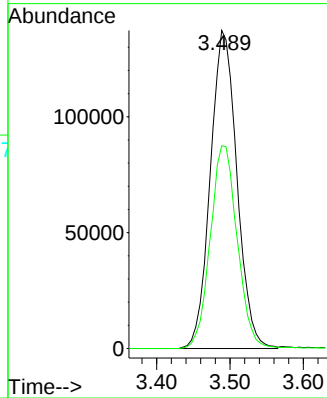


#7
 Trichlorofluoromethane
 Concen: 95.078 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.012 min
 Lab File: VN085275.D
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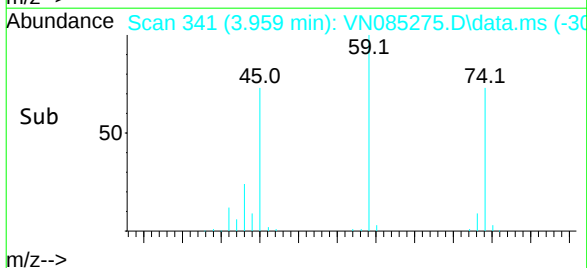
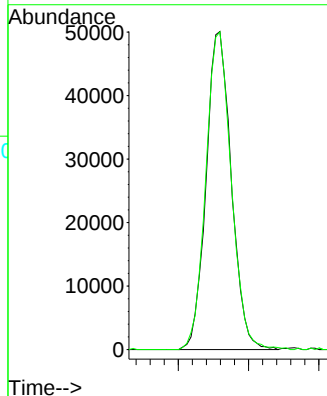
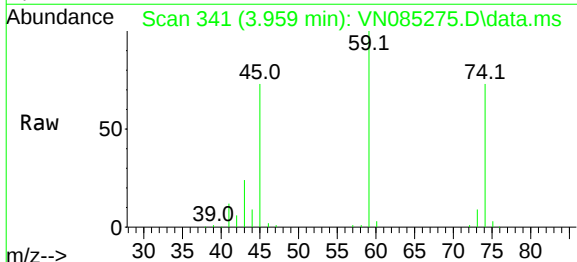


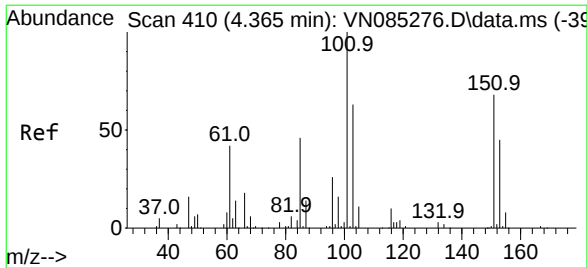
Tgt Ion:101 Resp: 345388
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.6 78.8



#8
 Diethyl Ether
 Concen: 99.756 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085275.D
 Acq: 20 Dec 2024 11:17

Tgt Ion: 74 Resp: 124805
 Ion Ratio Lower Upper
 74 100
 45 100.5 20.8 187.6

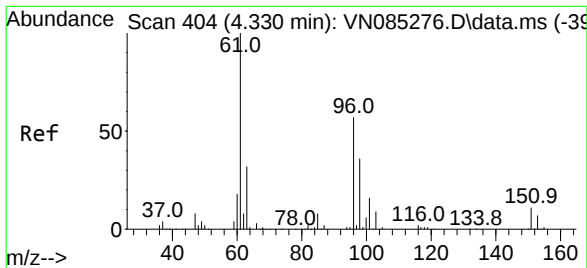
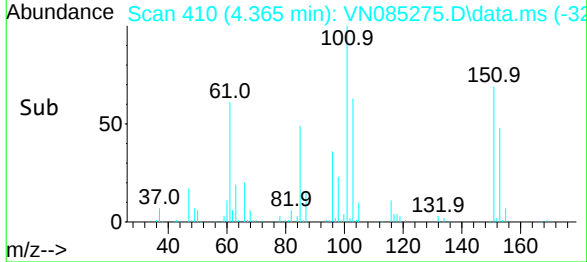
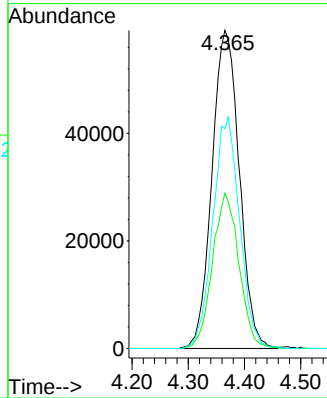
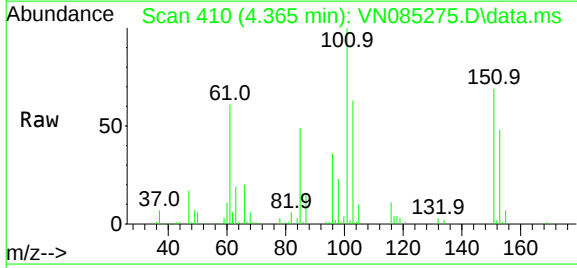




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.751 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
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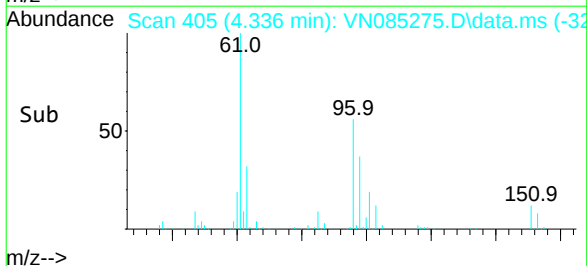
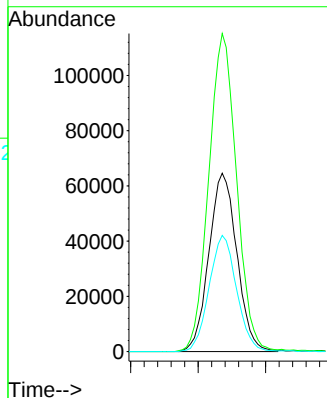
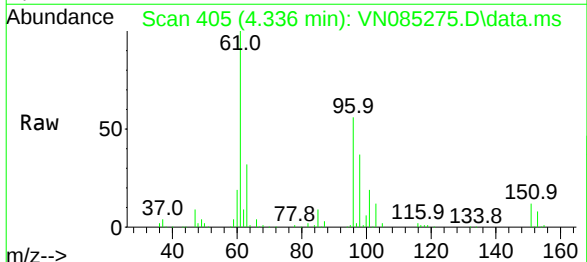
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

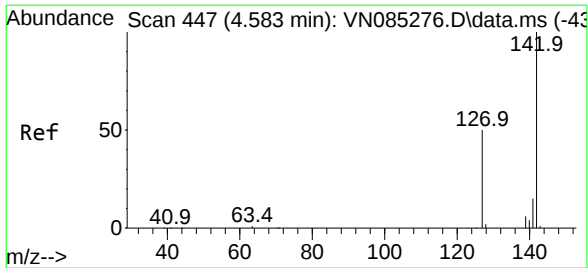
Tgt Ion: 101 Resp: 199737
Ion Ratio Lower Upper
101 100
85 47.2 0.0 96.6
151 71.4 0.0 147.4



#10
1,1-Dichloroethene
Concen: 97.752 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

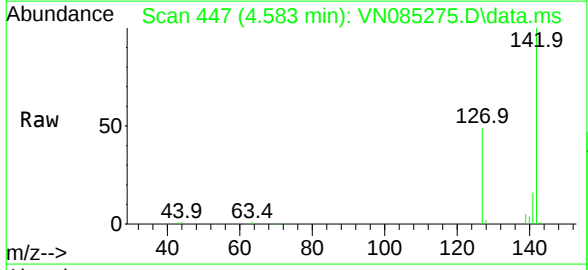
Tgt Ion: 96 Resp: 186282
Ion Ratio Lower Upper
96 100
61 177.8 145.9 218.9
98 65.1 51.9 77.9





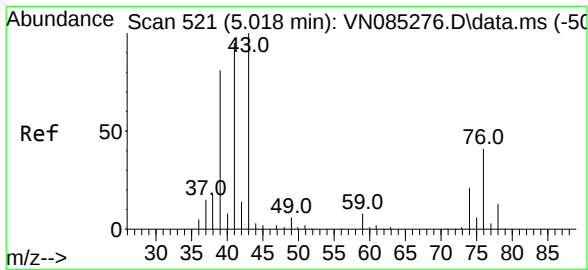
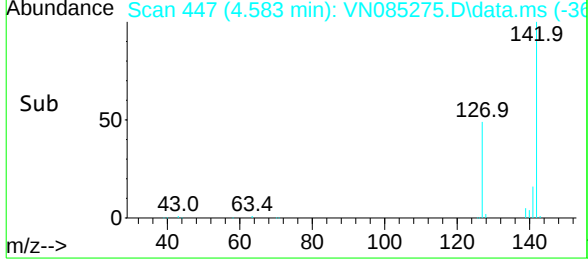
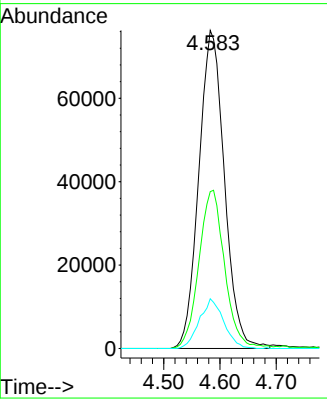
#11
Methyl Iodide
Concen: 105.701 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 142 Resp: 241406

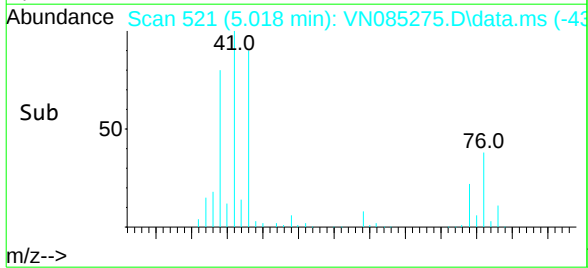
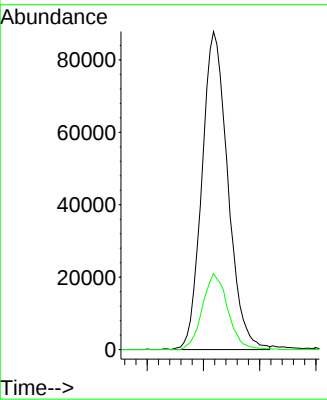
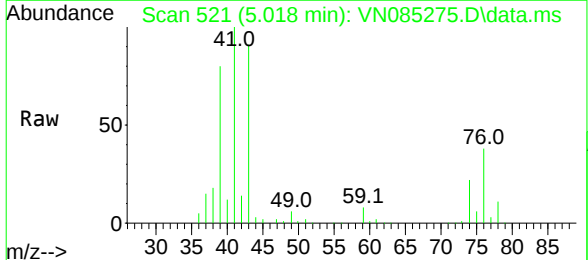
Ion	Ratio	Lower	Upper
142	100		
127	49.2	25.1	75.4
141	15.7	6.9	20.7

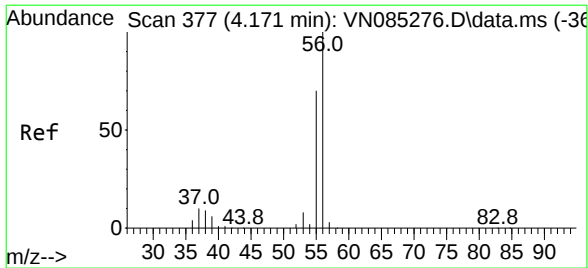


#12
Methyl Acetate
Concen: 98.914 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 43 Resp: 281279

Ion	Ratio	Lower	Upper
43	100		
74	23.9	20.5	30.7

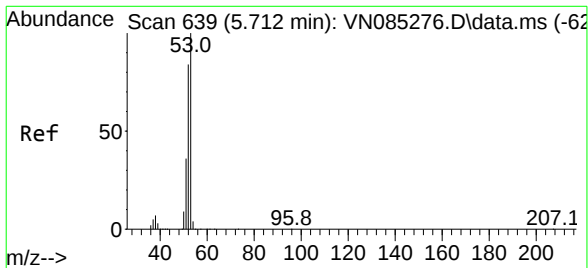
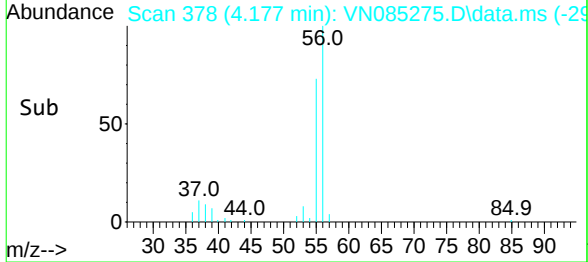
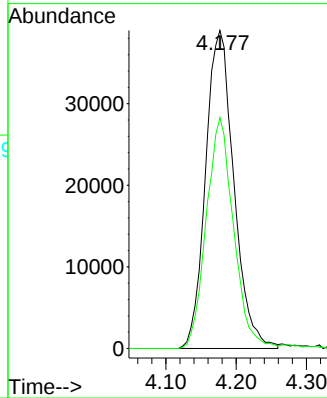
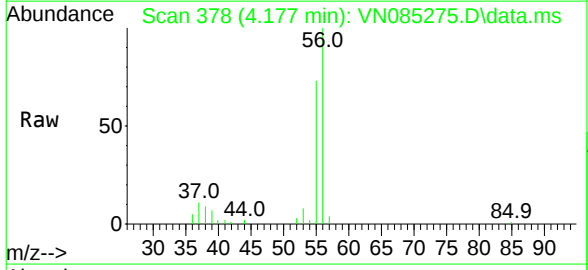




#13
Acrolein
Concen: 428.379 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

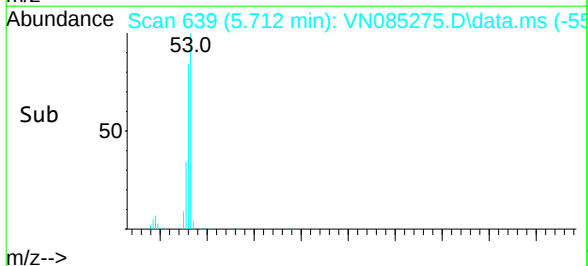
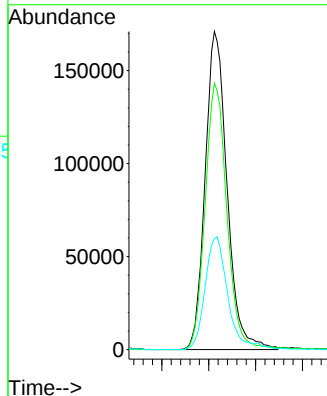
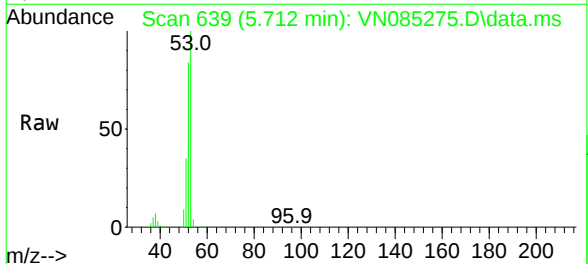
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

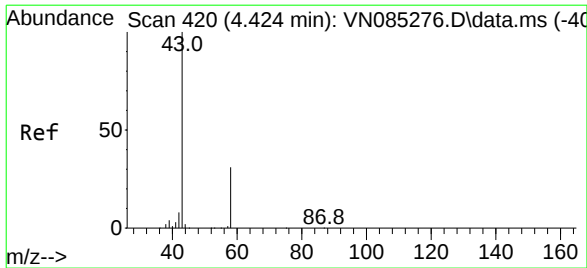
Tgt Ion: 56 Resp: 108832
Ion Ratio Lower Upper
56 100
55 70.0 56.8 85.2



#14
Acrylonitrile
Concen: 504.428 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 53 Resp: 555218
Ion Ratio Lower Upper
53 100
52 82.2 41.6 124.8
51 35.8 18.1 54.4





#15

Acetone

Concen: 484.930 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.006 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

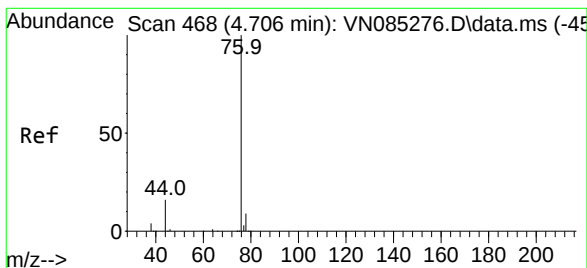
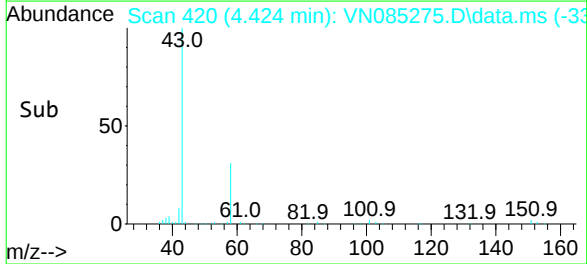
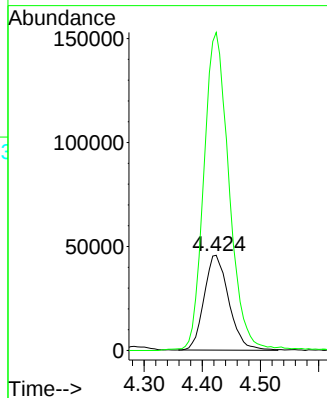
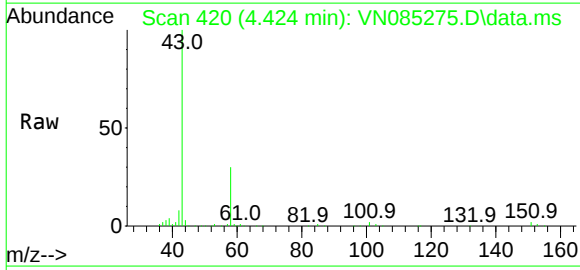
VSTDICC100

Tgt Ion: 58 Resp: 134644

Ion Ratio Lower Upper

58 100

43 334.1 258.8 388.2



#16

Carbon Disulfide

Concen: 94.533 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085275.D

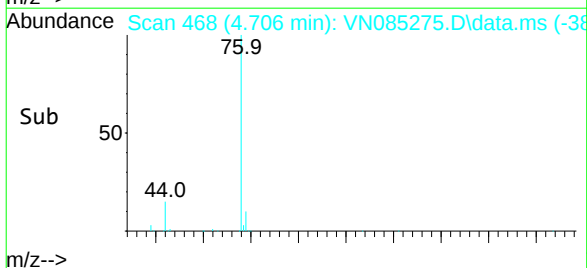
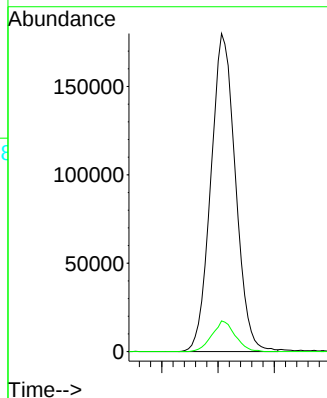
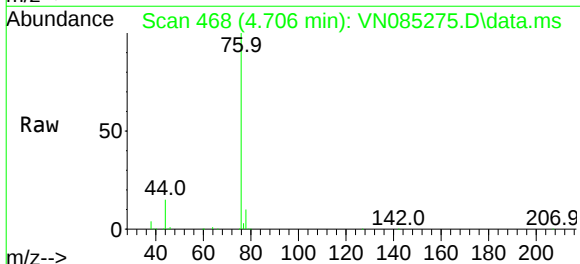
Acq: 20 Dec 2024 11:17

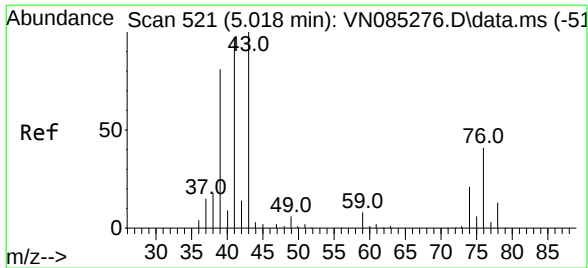
Tgt Ion: 76 Resp: 547597

Ion Ratio Lower Upper

76 100

78 9.6 6.6 9.8

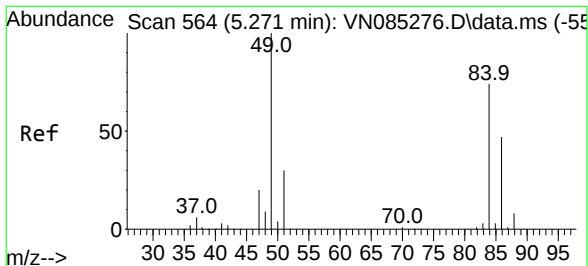
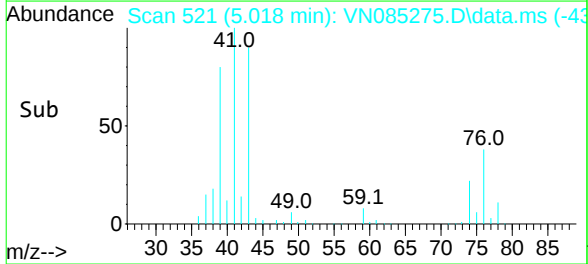
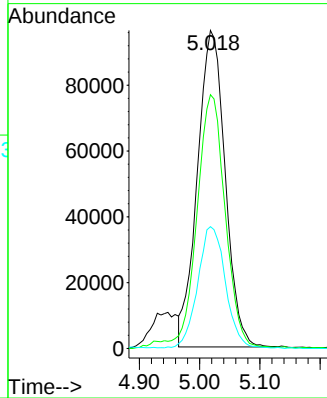
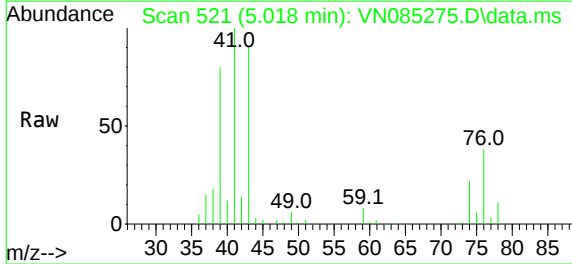




#17
 Allyl chloride
 Concen: 99.962 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.006 min
 Lab File: VN085275.D
 Acq: 20 Dec 2024 11:17

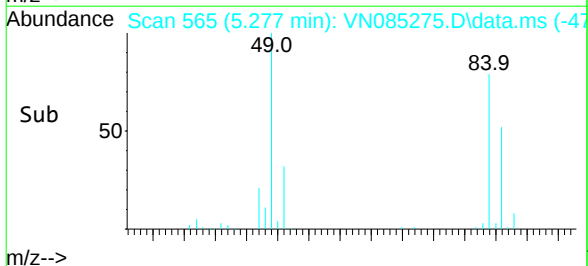
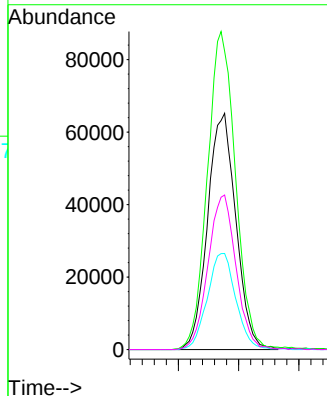
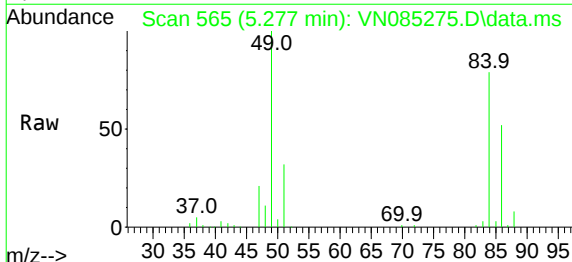
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

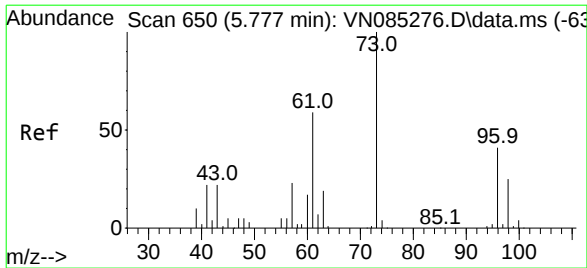
Tgt Ion:	41	Resp:	308150
Ion	Ratio	Lower	Upper
41	100		
39	79.7	41.3	124.1
76	38.2	19.5	58.5



#18
 Methylene Chloride
 Concen: 93.689 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN085275.D
 Acq: 20 Dec 2024 11:17

Tgt Ion:	84	Resp:	212750
Ion	Ratio	Lower	Upper
84	100		
49	125.9	104.9	157.3
51	40.7	30.2	45.4
86	65.2	50.6	76.0

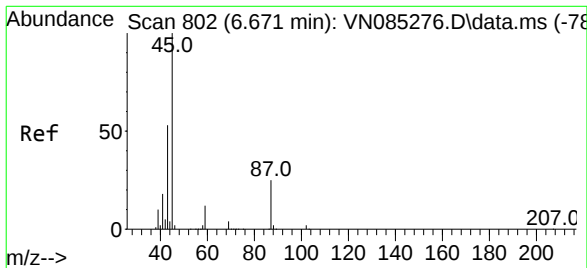
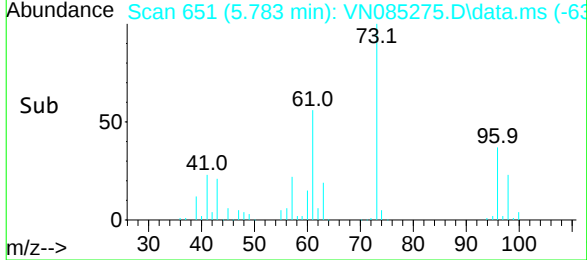
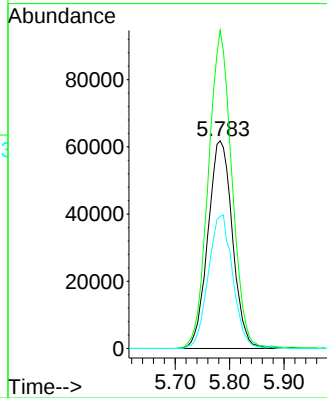
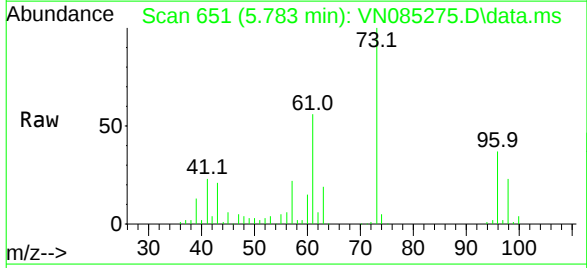




#19
trans-1,2-Dichloroethene
Concen: 97.765 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

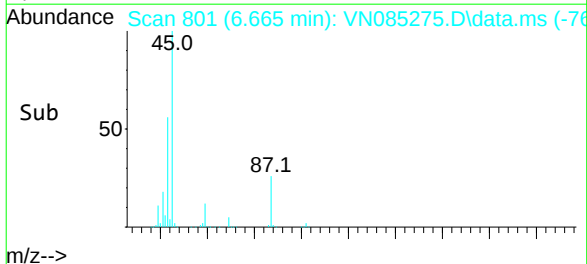
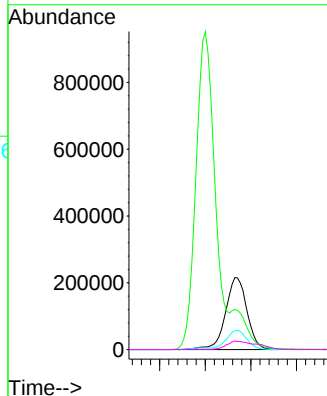
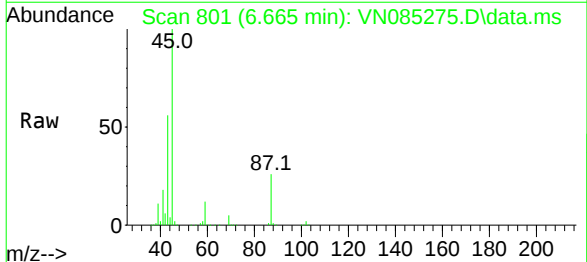
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

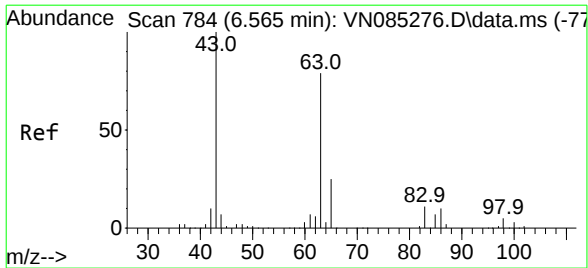
Tgt Ion: 96 Resp: 193775
Ion Ratio Lower Upper
96 100
61 152.8 124.2 186.4
98 63.7 51.0 76.4



#20
Diisopropyl ether
Concen: 99.577 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 45 Resp: 703508
Ion Ratio Lower Upper
45 100
43 54.5 46.6 69.8
87 26.1 22.3 33.5
59 11.9 9.2 13.8

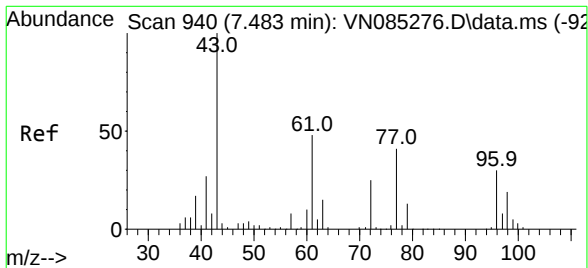
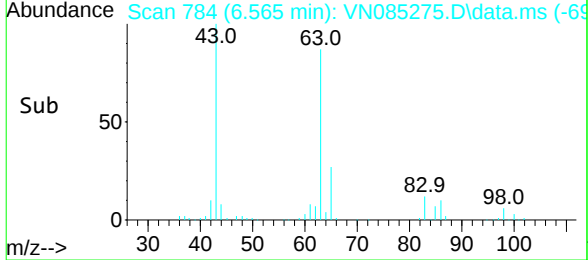
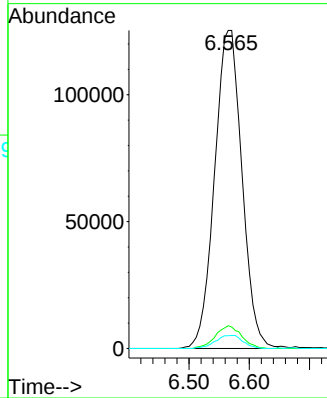
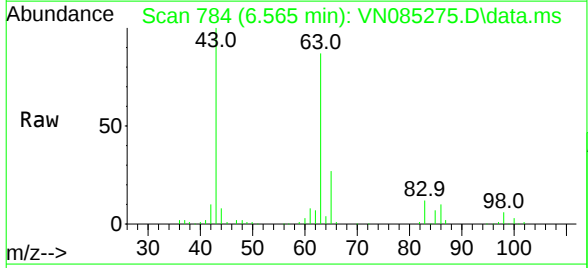




#21
1,1-Dichloroethane
Concen: 95.790 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

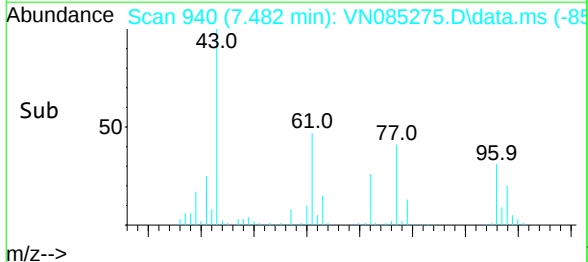
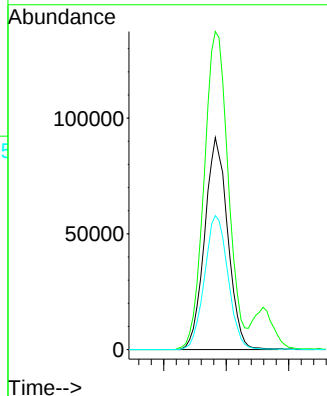
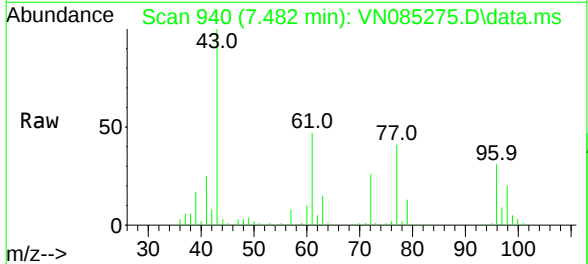
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

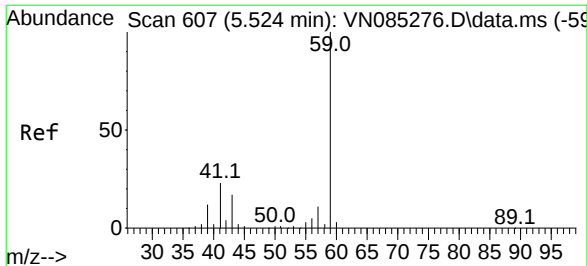
Tgt Ion: 63 Resp: 395631
Ion Ratio Lower Upper
63 100
98 7.2 2.4 7.1#
100 4.0 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 99.731 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 96 Resp: 235386
Ion Ratio Lower Upper
96 100
61 157.1 128.1 192.1
98 64.5 52.7 79.1

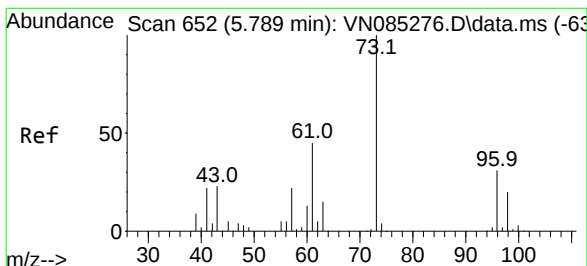
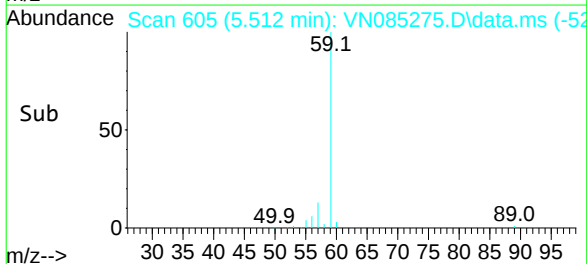
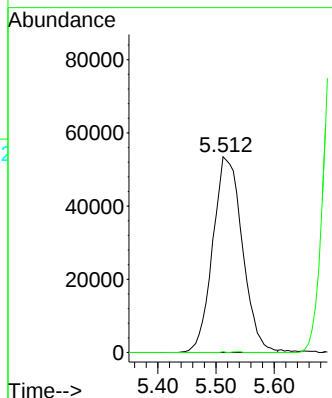
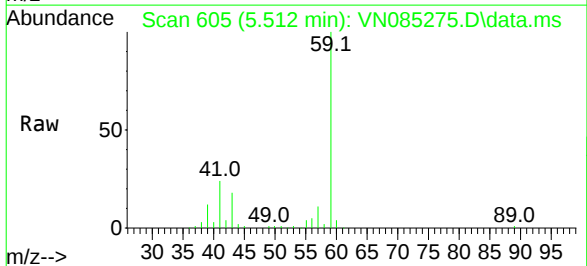




#23
tert-Butyl Alcohol
Concen: 520.848 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

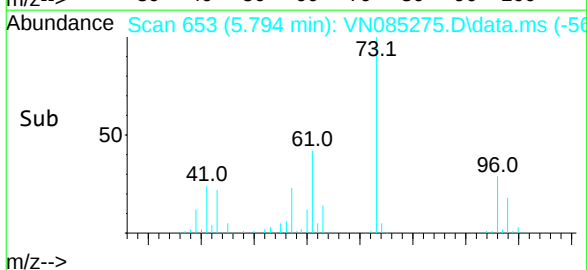
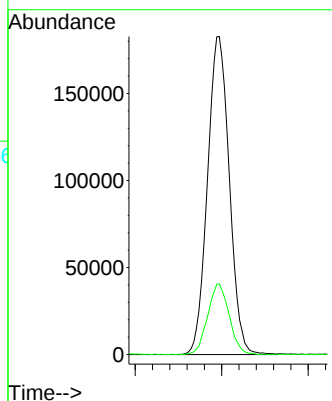
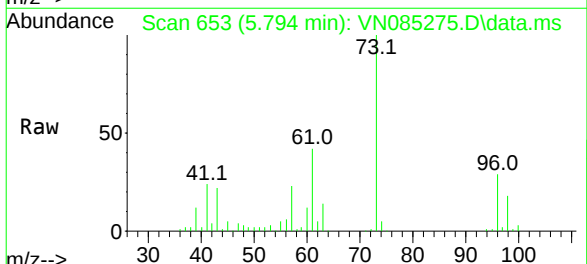
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

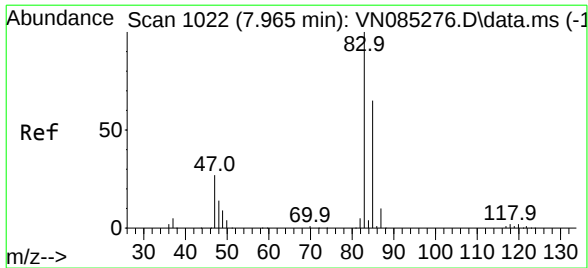
Tgt Ion: 59 Resp: 188938
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 102.611 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 73 Resp: 641818
Ion Ratio Lower Upper
73 100
43 21.9 18.6 27.8

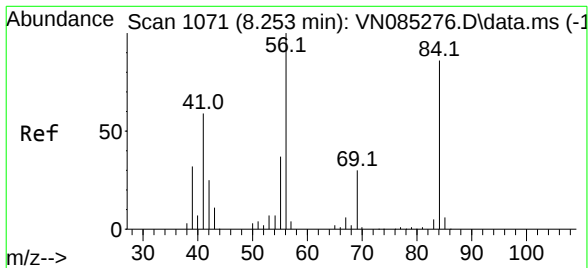
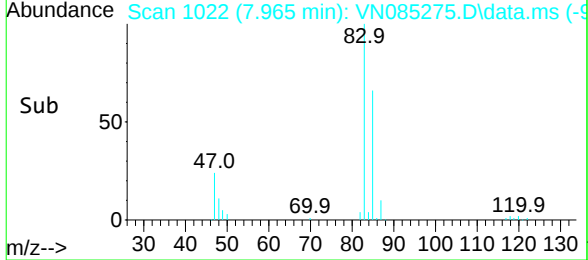
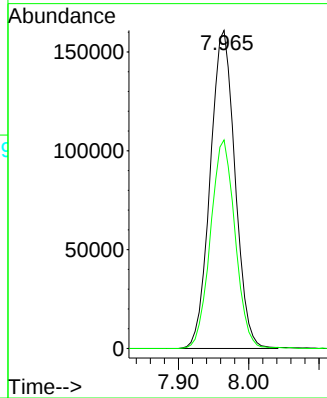
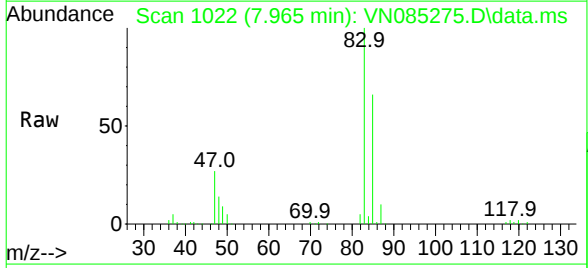




#25
Chloroform
Concen: 94.083 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

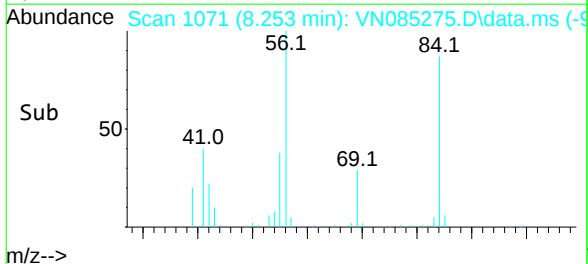
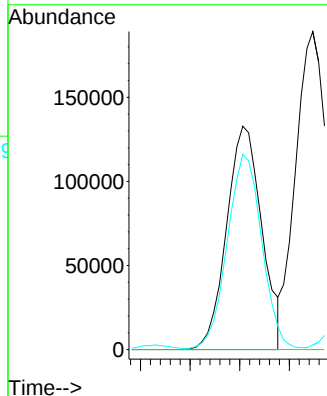
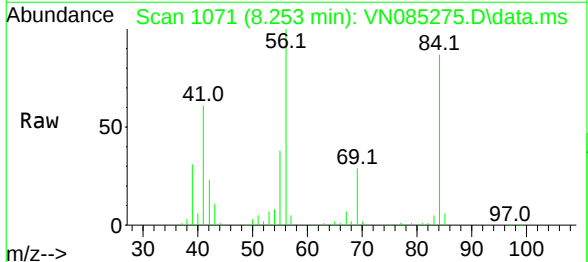
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

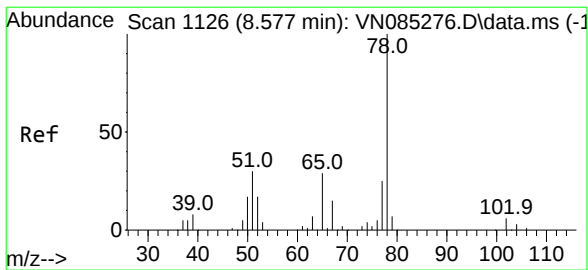
Tgt Ion: 83 Resp: 393899
Ion Ratio Lower Upper
83 100
85 65.6 52.0 78.0



#26
Cyclohexane
Concen: 104.067 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 56 Resp: 327709
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.0 67.6 101.4

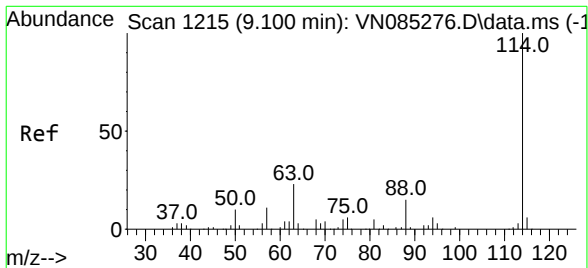
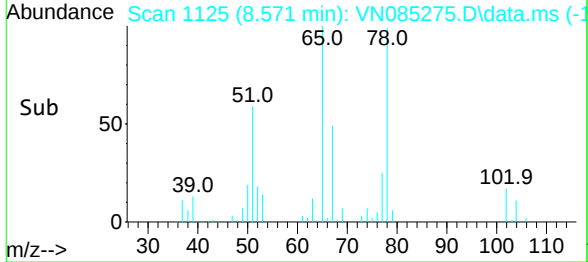
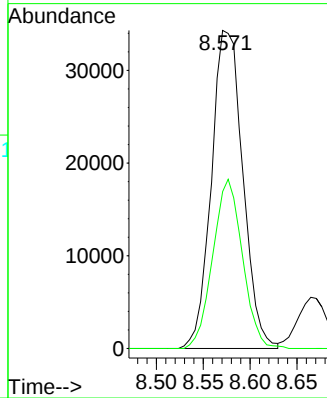
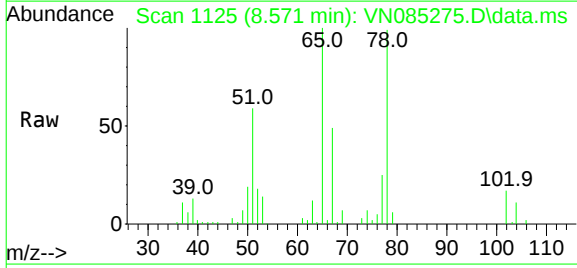




#27
1,2-Dichloroethane-d4
Concen: 29.518 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

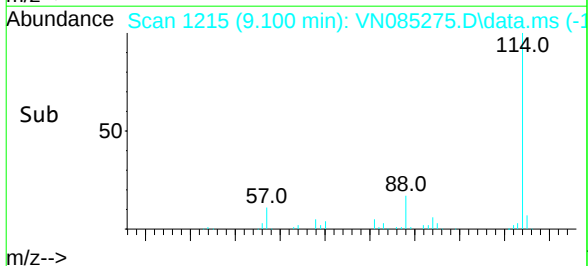
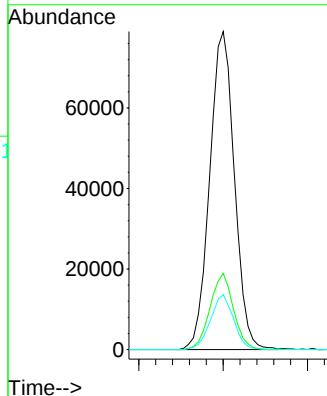
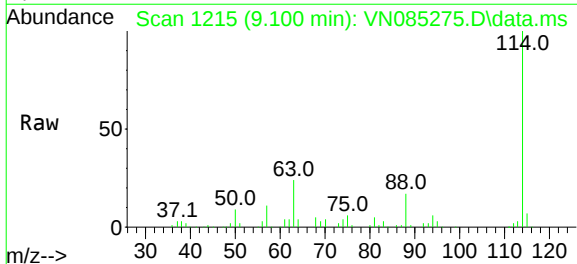
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

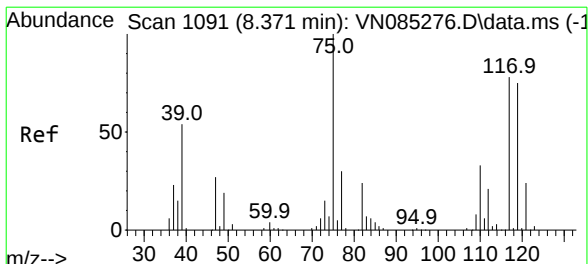
Tgt Ion: 65 Resp: 80099
Ion Ratio Lower Upper
65 100
67 50.1 42.0 63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 114 Resp: 160498
Ion Ratio Lower Upper
114 100
63 22.7 18.0 27.0
88 16.2 12.9 19.3

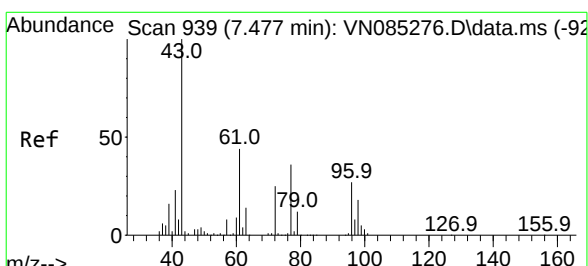
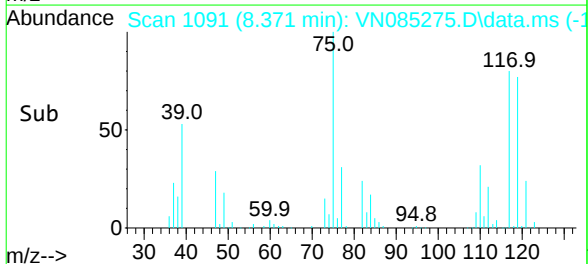
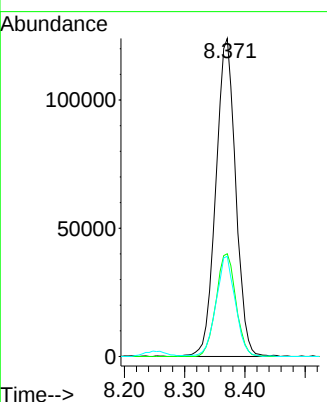
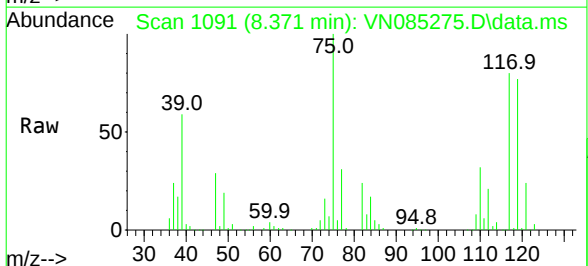




#29
 1,1-Dichloropropene
 Concen: 101.600 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN085275.D
 Acq: 20 Dec 2024 11:17

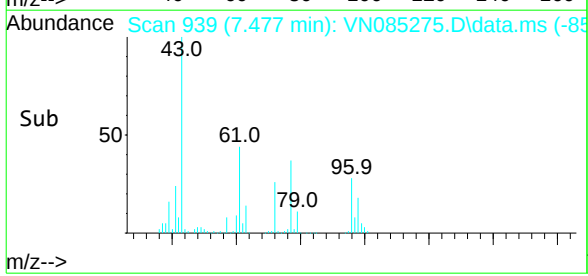
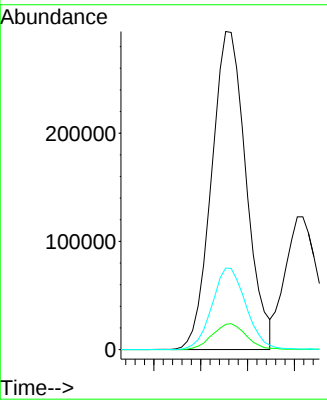
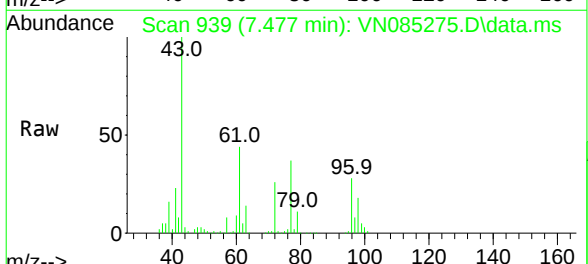
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

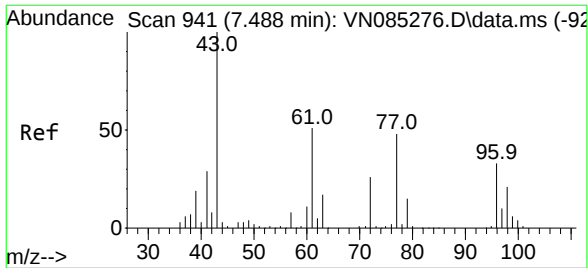
Tgt Ion:	75	Resp:	283121
Ion	Ratio	Lower	Upper
75	100		
110	32.3	0.0	64.8
77	30.7	0.0	60.8



#30
 2-Butanone
 Concen: 512.438 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.000 min
 Lab File: VN085275.D
 Acq: 20 Dec 2024 11:17

Tgt Ion:	43	Resp:	753754
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.2
72	25.3	19.9	29.9

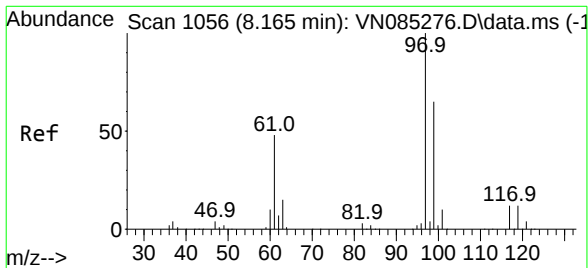
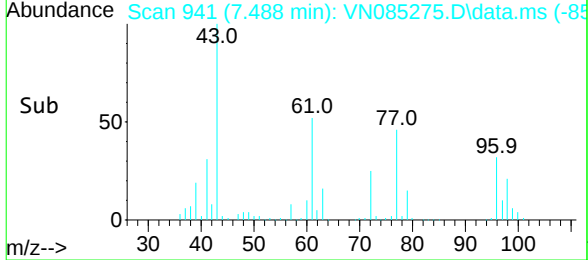
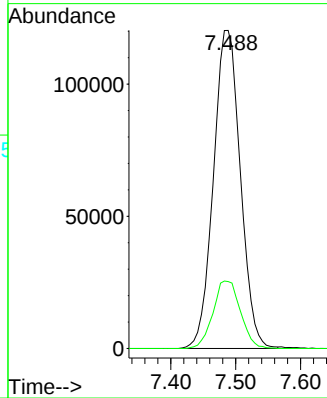
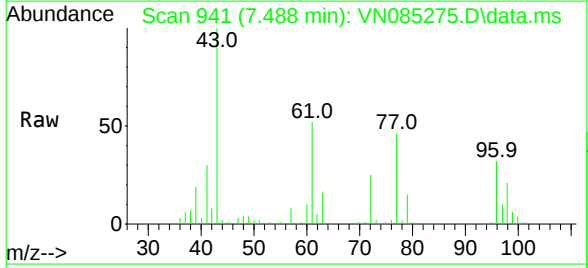




#31
2,2-Dichloropropane
Concen: 98.201 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

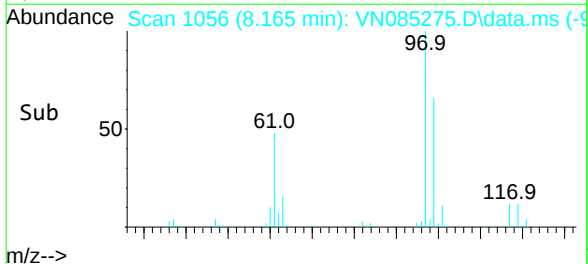
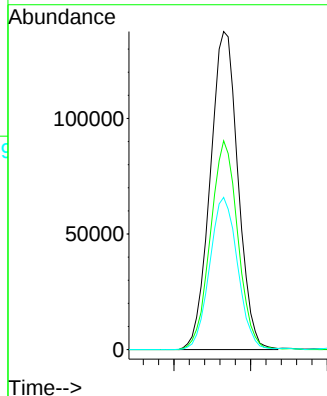
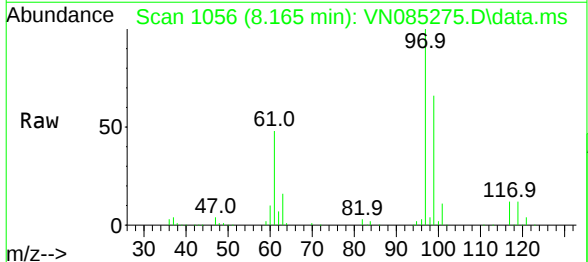
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

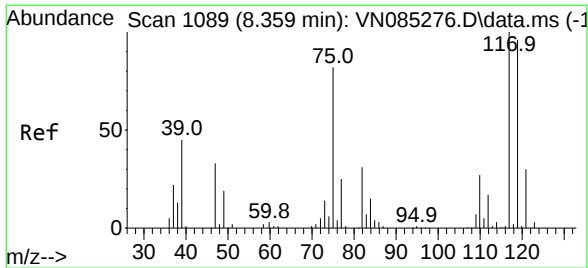
Tgt Ion: 77 Resp: 346752
Ion Ratio Lower Upper
77 100
97 21.6 16.9 25.3



#32
1,1,1-Trichloroethane
Concen: 95.831 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 97 Resp: 347150
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 48.0 39.8 59.8

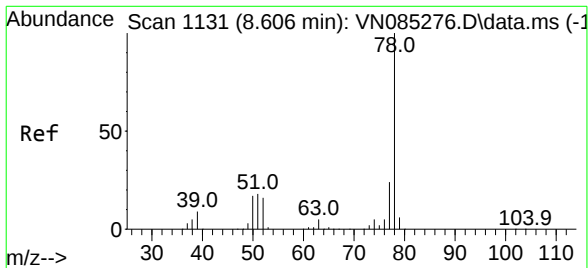
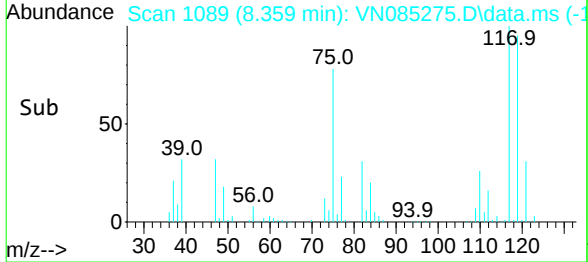
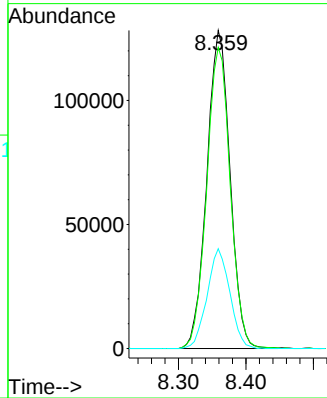
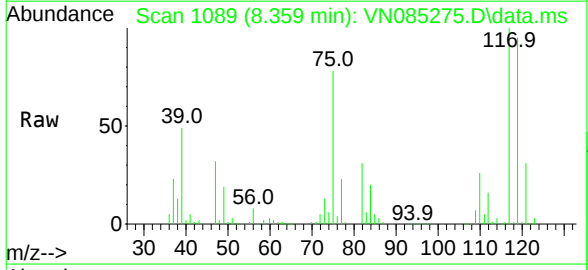




#33
Carbon Tetrachloride
Concen: 96.662 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

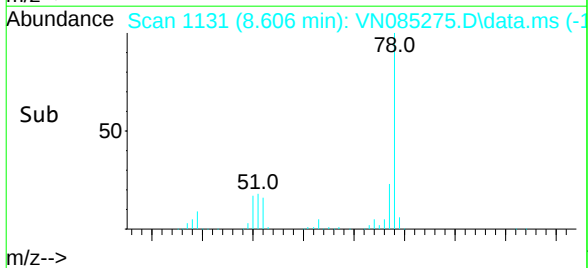
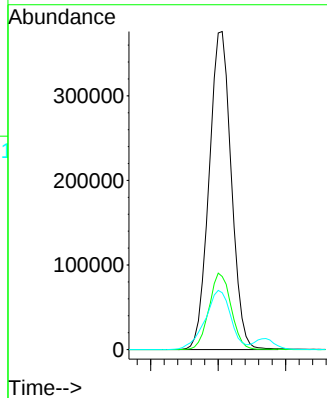
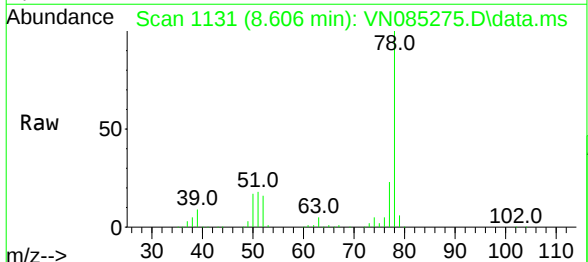
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

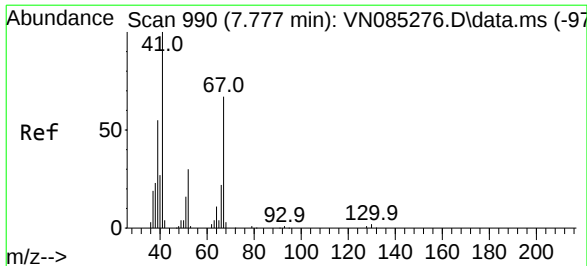
Tgt Ion:117 Resp: 306524
Ion Ratio Lower Upper
117 100
119 94.7 71.6 107.4
121 31.4 23.5 35.3



#34
Benzene
Concen: 97.537 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

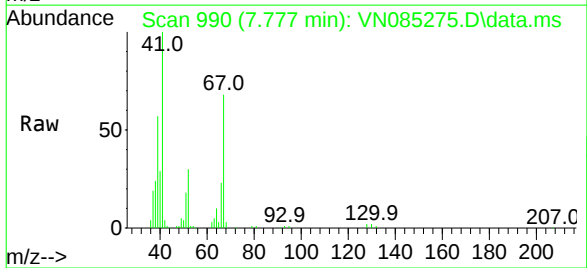
Tgt Ion: 78 Resp: 859140
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9
51 17.6 14.6 21.8



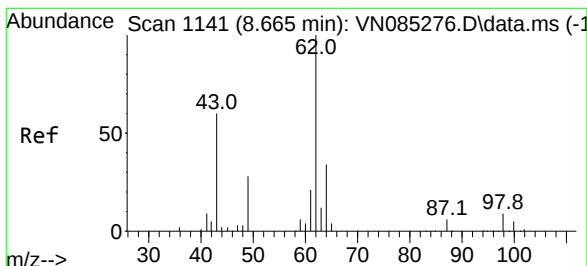
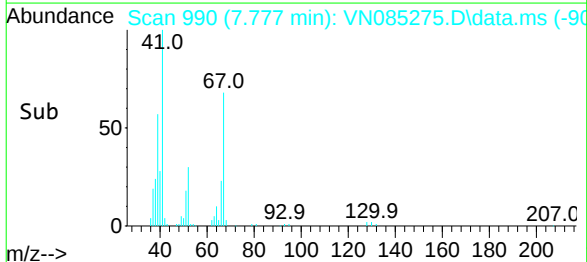
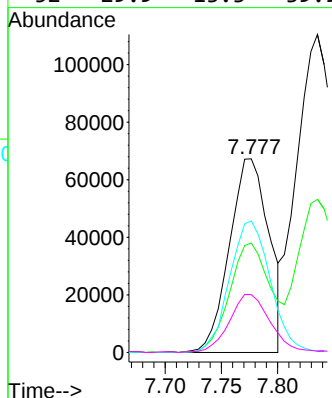


#35
Methacrylonitrile
Concen: 101.017 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

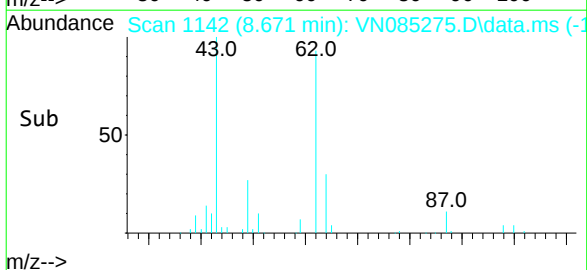
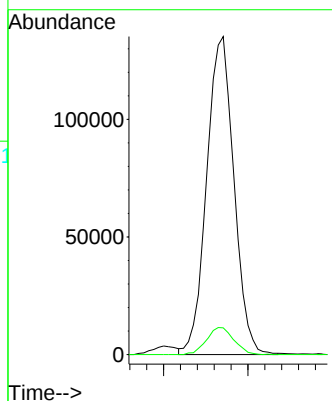
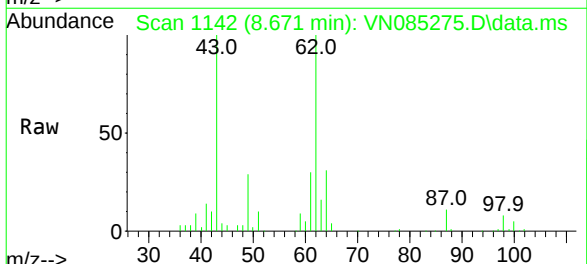


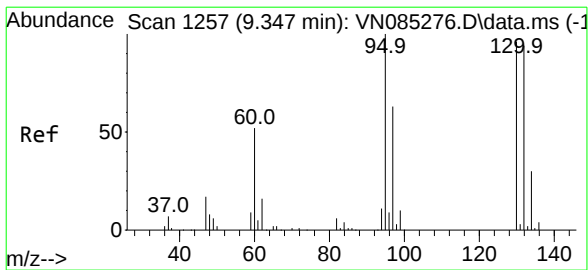
Tgt Ion:	41	Resp:	164485
Ion	Ratio	Lower	Upper
41	100		
39	56.5	26.7	80.0
67	67.9	32.5	97.5
52	29.9	13.3	39.9



#36
1,2-Dichloroethane
Concen: 95.442 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion:	62	Resp:	304004
Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.6	10.0





#37

Trichloroethene

Concen: 97.550 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

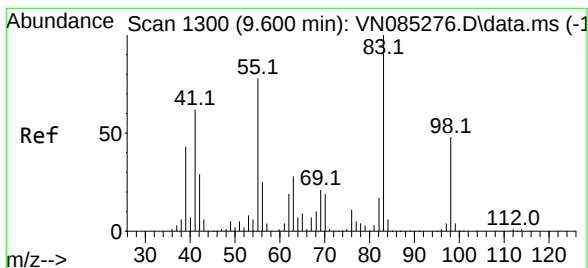
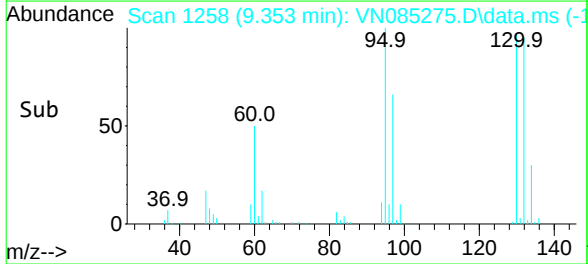
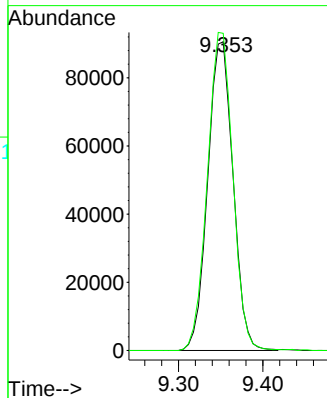
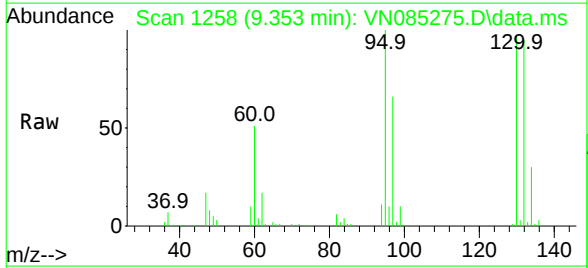
VSTDICC100

Tgt Ion:130 Resp: 189053

Ion Ratio Lower Upper

130 100

95 102.7 80.0 120.0



#38

Methylcyclohexane

Concen: 108.056 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

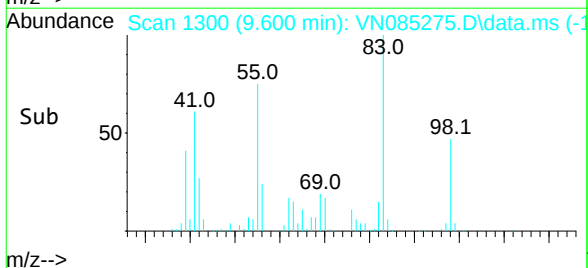
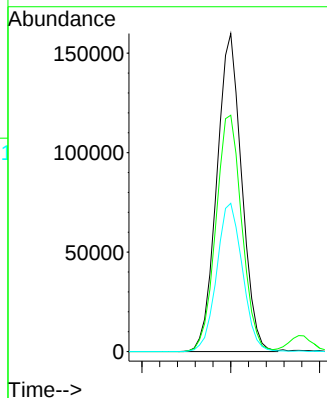
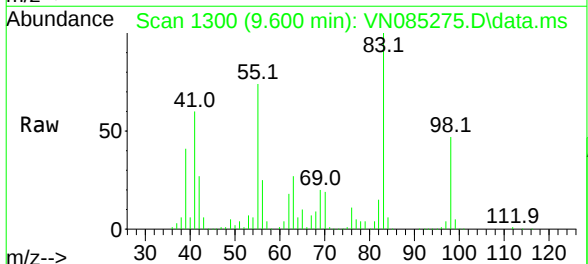
Tgt Ion: 83 Resp: 311600

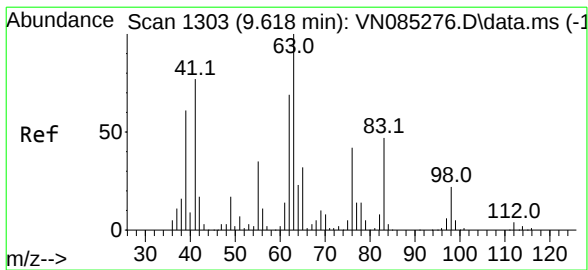
Ion Ratio Lower Upper

83 100

55 77.4 43.6 130.8

98 48.3 24.2 72.6





#39

1,2-Dichloropropane

Concen: 96.777 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

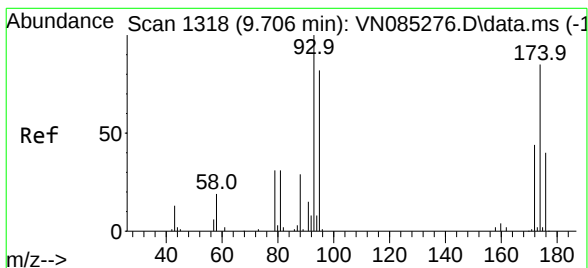
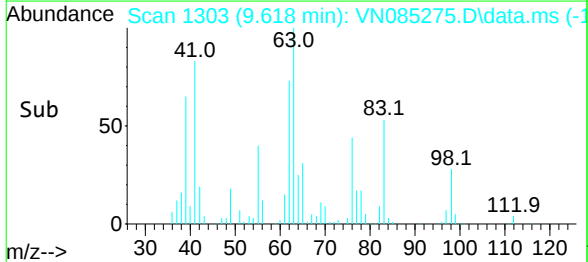
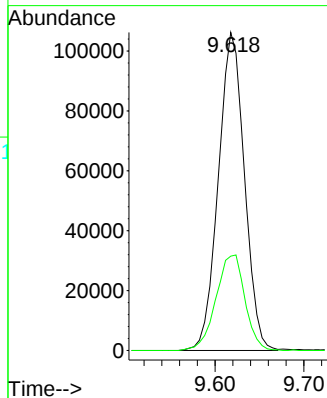
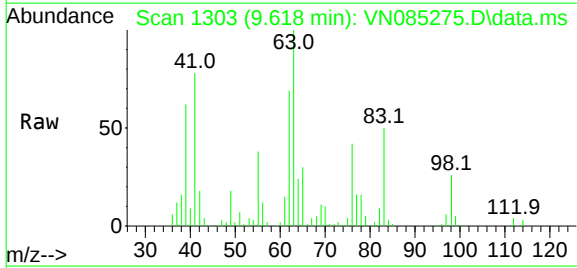
VSTDICC100

Tgt Ion: 63 Resp: 216881

Ion Ratio Lower Upper

63 100

65 29.7 26.1 39.1



#40

Dibromomethane

Concen: 96.103 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

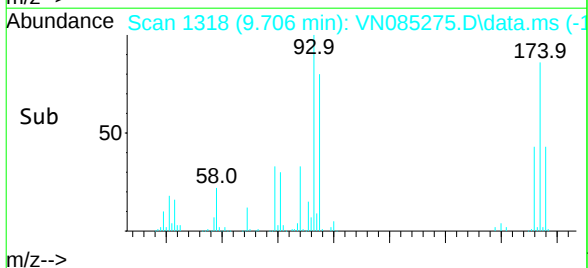
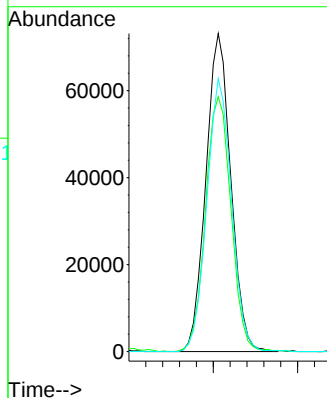
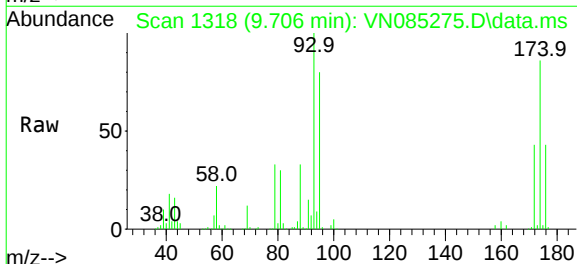
Tgt Ion: 93 Resp: 150157

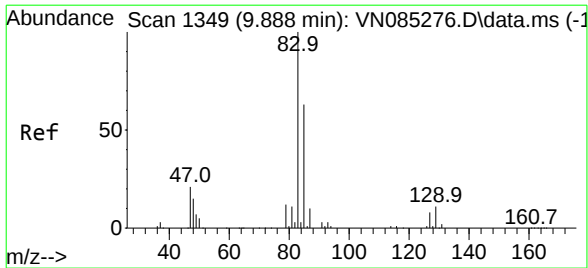
Ion Ratio Lower Upper

93 100

95 81.9 0.0 167.6

174 85.1 0.0 171.0

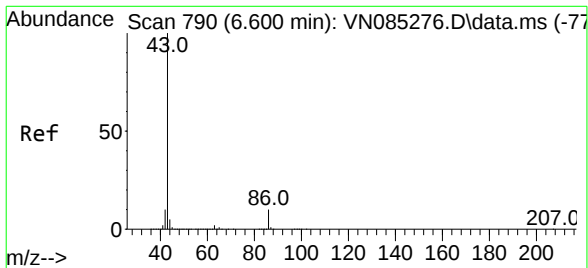
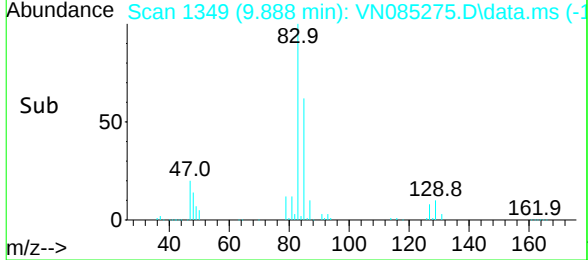
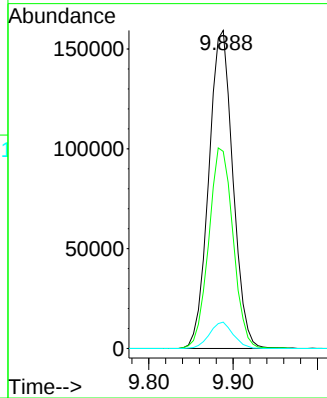
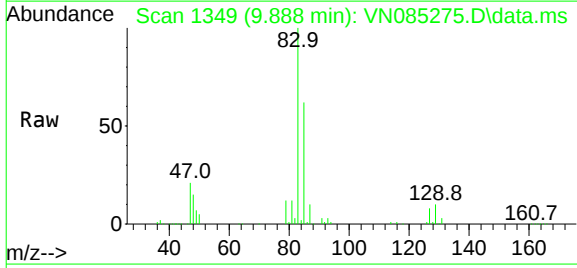




#41
Bromodichloromethane
Concen: 96.956 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

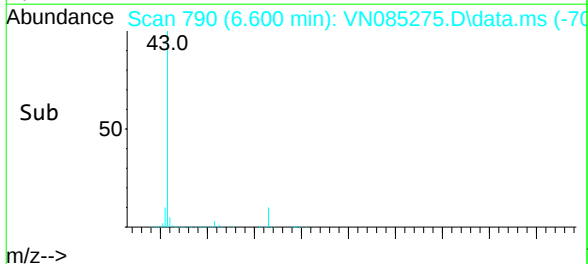
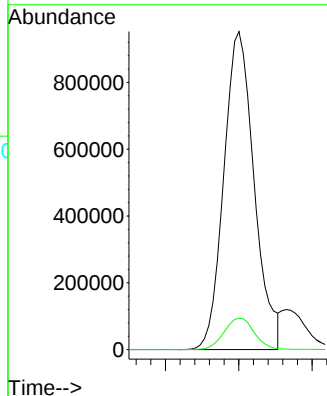
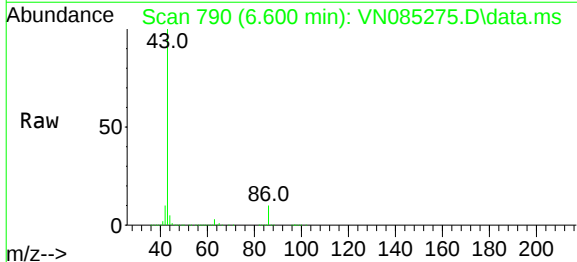
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

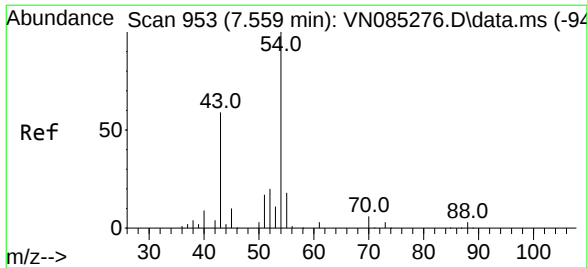
Tgt Ion: 83 Resp: 316593
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 8.3 5.8 8.6



#42
Vinyl Acetate
Concen: 527.947 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 43 Resp: 2741189
Ion Ratio Lower Upper
43 100
86 9.8 7.9 11.9





#43

Ethyl Acetate

Concen: 102.259 ug/l

RT: 7.559 min Scan# 95

Delta R.T. 0.006 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

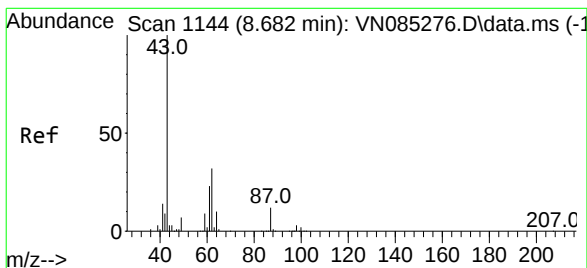
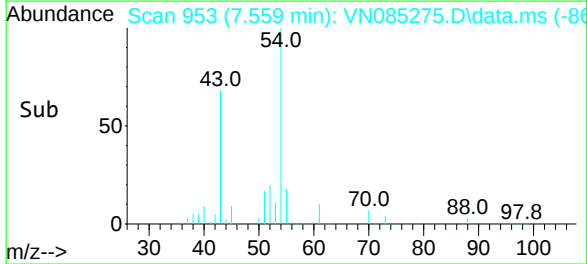
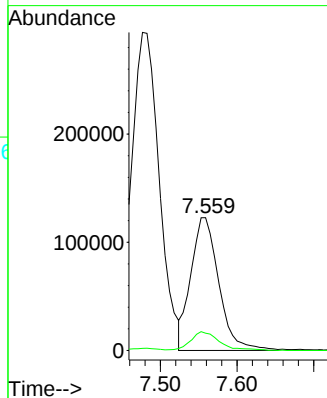
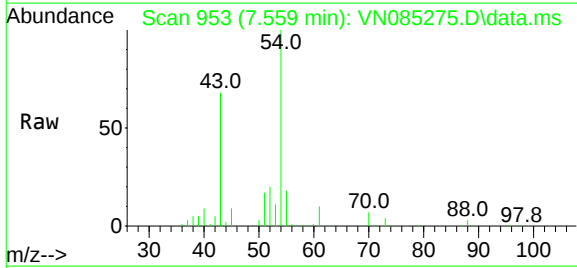
VSTDICC100

Tgt Ion: 43 Resp: 311058

Ion Ratio Lower Upper

43 100

45 12.5 11.9 17.9



#44

Isopropyl Acetate

Concen: 102.257 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN085275.D

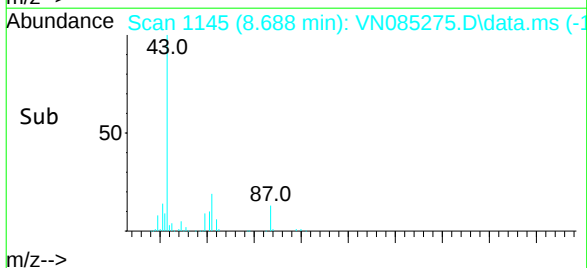
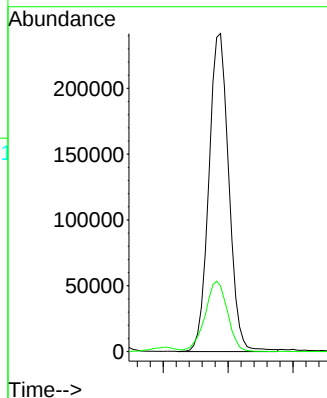
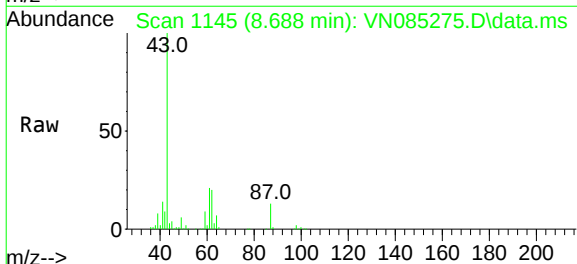
Acq: 20 Dec 2024 11:17

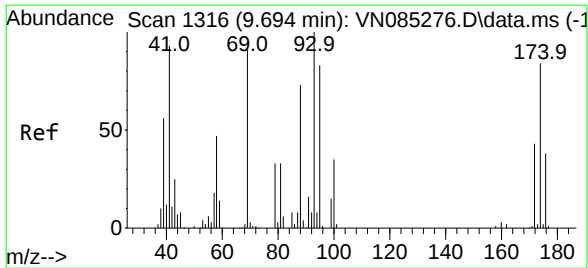
Tgt Ion: 43 Resp: 516730

Ion Ratio Lower Upper

43 100

61 24.9 19.7 29.5

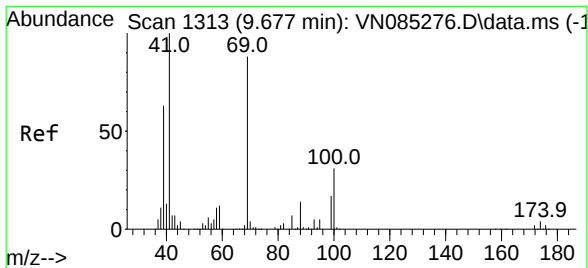
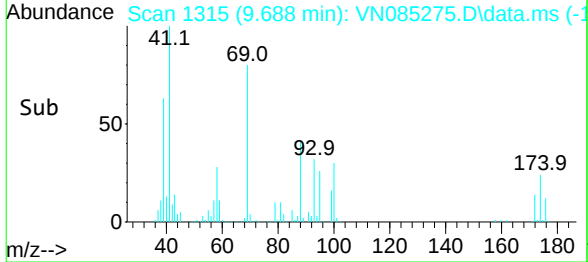
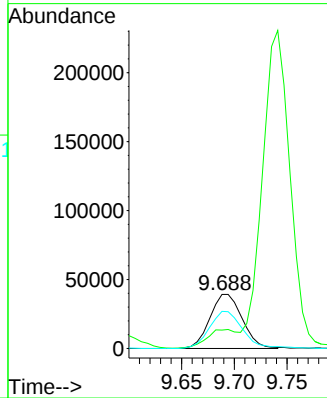
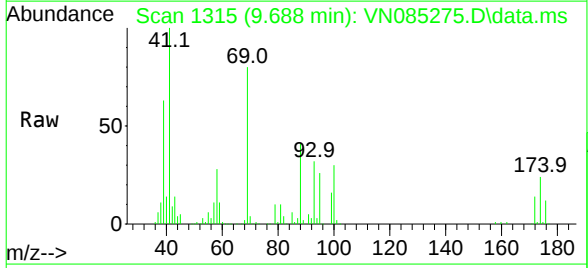




#45
1,4-Dioxane
Concen: 2128.602 ug/l
RT: 9.688 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

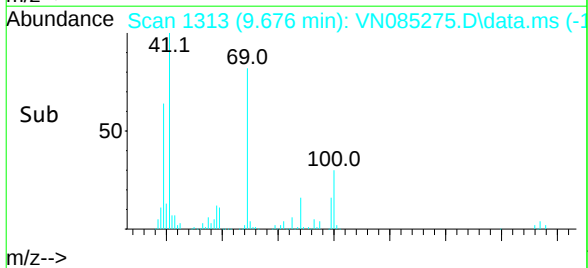
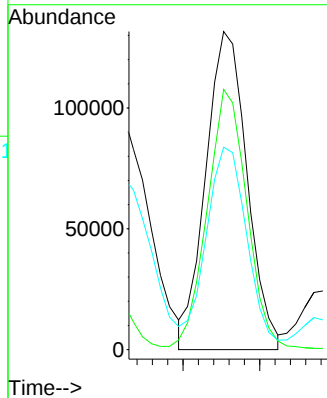
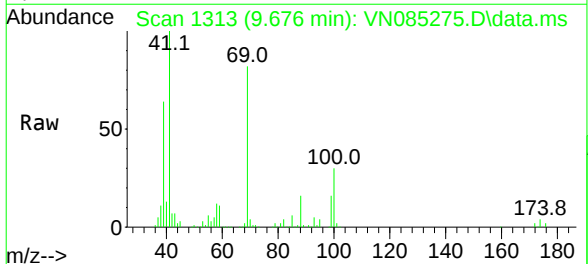
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

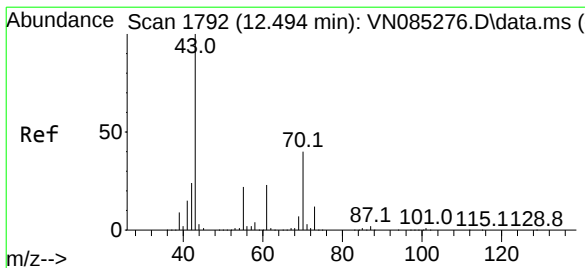
Tgt Ion: 88 Resp: 83662
Ion Ratio Lower Upper
88 100
43 34.8 25.4 38.2
58 71.5 58.5 87.7



#46
Methyl methacrylate
Concen: 104.916 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 41 Resp: 246088
Ion Ratio Lower Upper
41 100
69 82.9 39.9 119.6
39 63.6 31.6 95.0





#47

n-amy1 Acetate

Concen: 109.035 ug/l

RT: 12.494 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

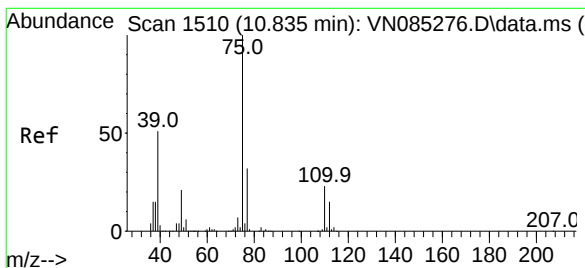
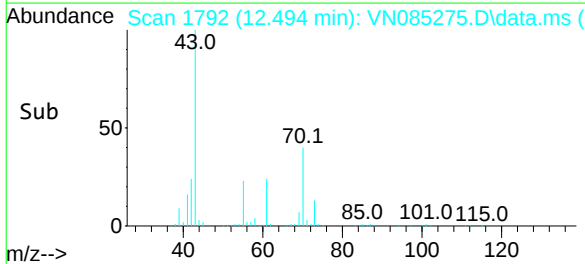
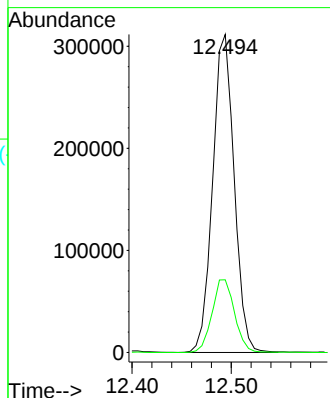
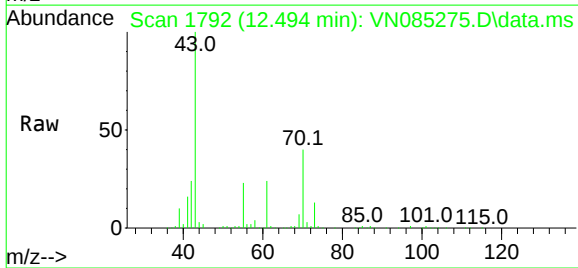
VSTDIC100

Tgt Ion: 43 Resp: 469368

Ion Ratio Lower Upper

43 100

55 24.0 21.3 31.9



#48

t-1,3-Dichloropropene

Concen: 101.831 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.006 min

Lab File: VN085275.D

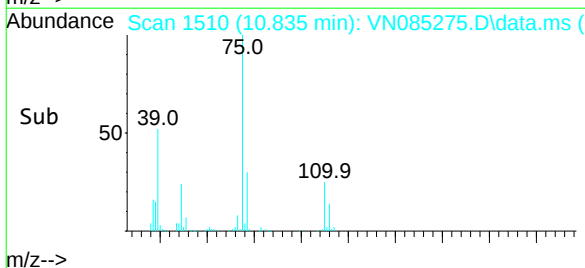
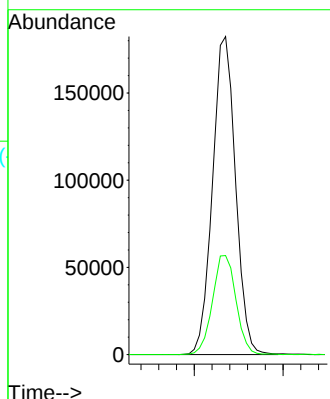
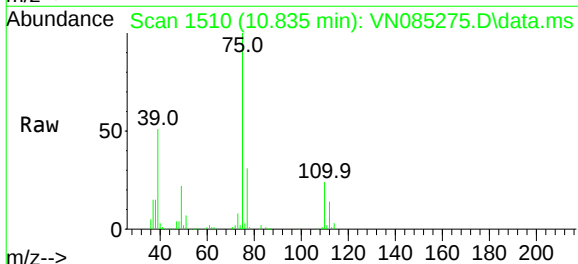
Acq: 20 Dec 2024 11:17

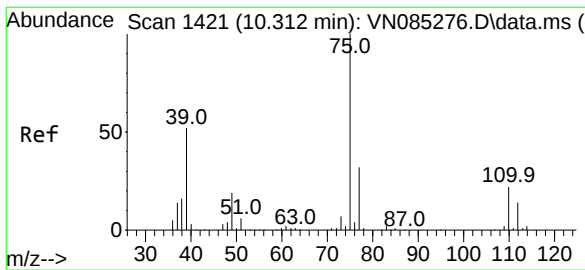
Tgt Ion: 75 Resp: 328441

Ion Ratio Lower Upper

75 100

77 31.1 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 101.113 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

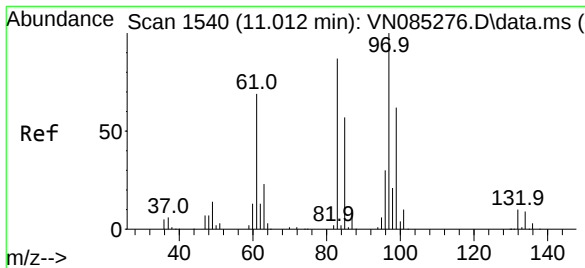
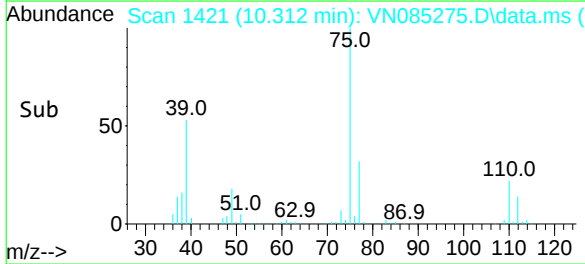
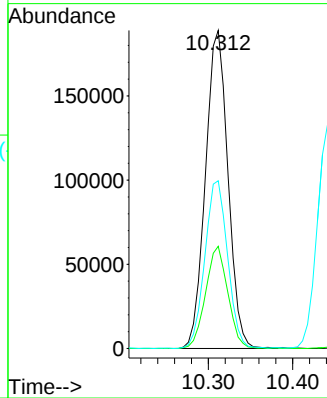
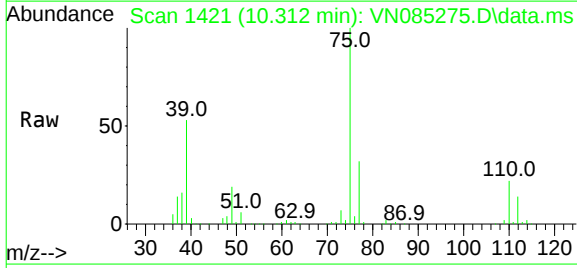
Tgt Ion: 75 Resp: 350611

Ion Ratio Lower Upper

75 100

77 32.1 26.6 40.0

39 52.7 41.9 62.9



#50

1,1,2-Trichloroethane

Concen: 95.466 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Tgt Ion: 97 Resp: 195079

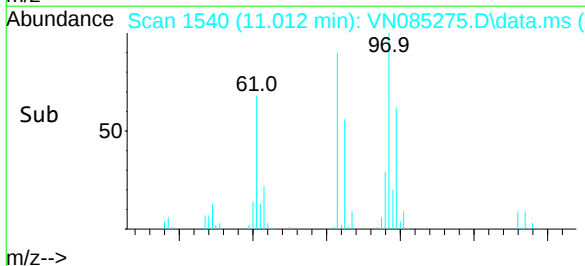
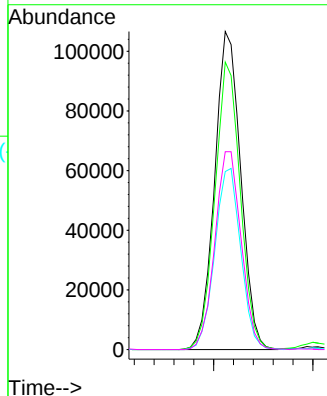
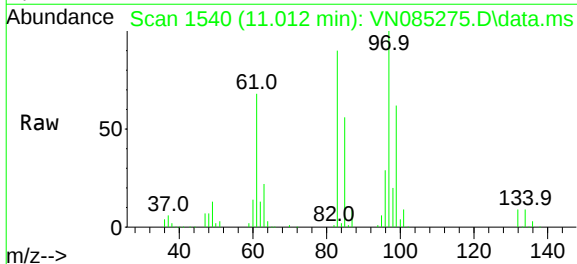
Ion Ratio Lower Upper

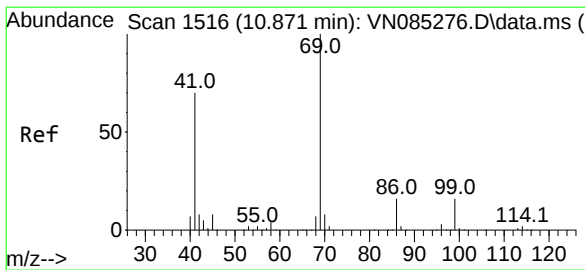
97 100

83 90.4 72.2 108.2

85 56.0 46.6 70.0

99 62.2 51.4 77.0

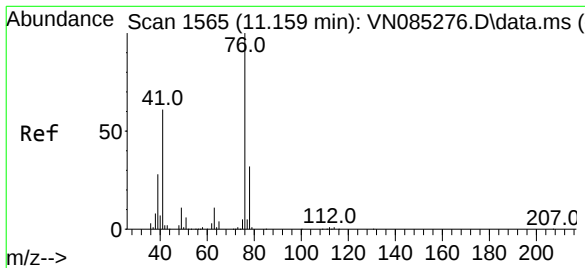
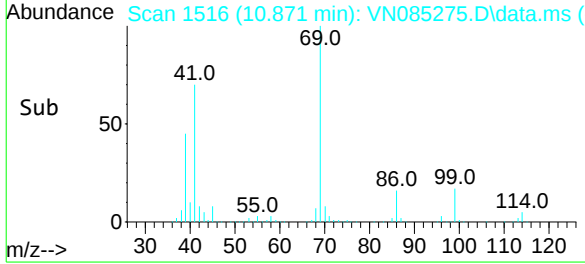
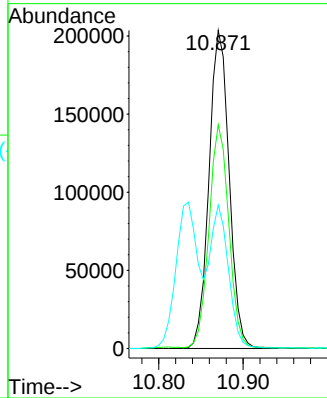
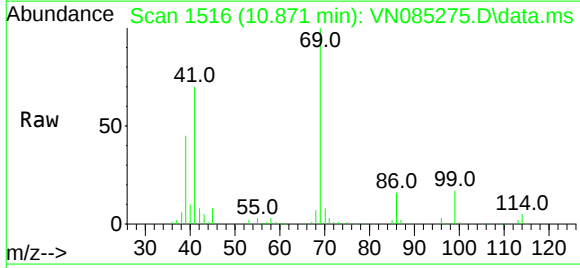




#51
Ethyl methacrylate
Concen: 109.258 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

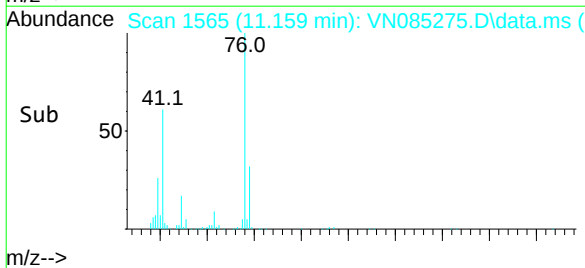
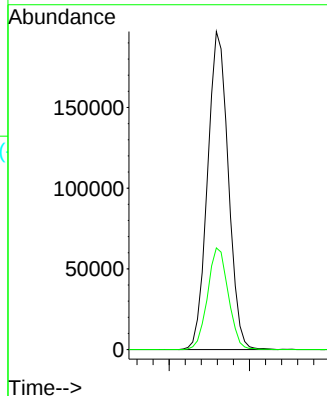
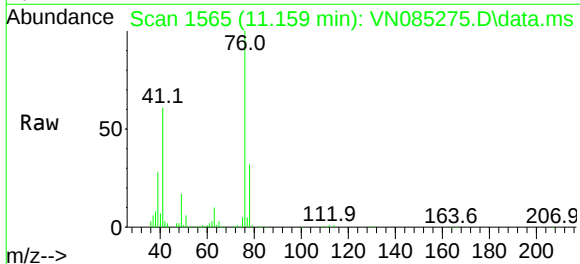
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

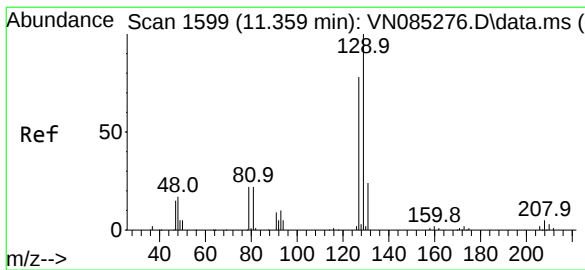
Tgt Ion: 69 Resp: 337682
Ion Ratio Lower Upper
69 100
41 70.1 38.1 114.5
39 44.9 24.1 72.2



#52
1,3-Dichloropropane
Concen: 99.257 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 76 Resp: 354047
Ion Ratio Lower Upper
76 100
78 31.9 0.0 66.2





#53

Dibromochloromethane

Concen: 96.273 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

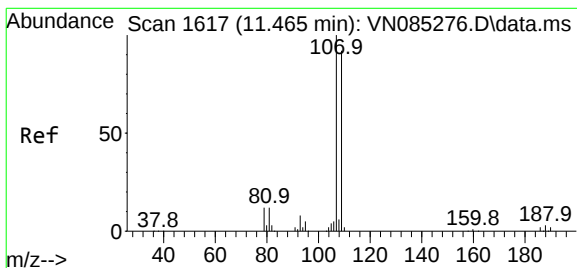
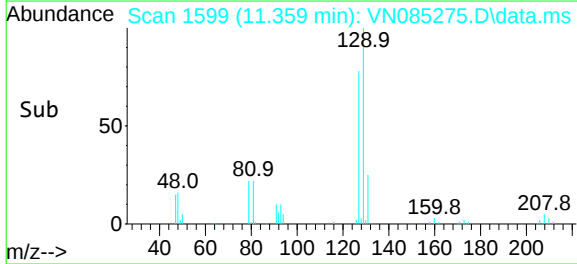
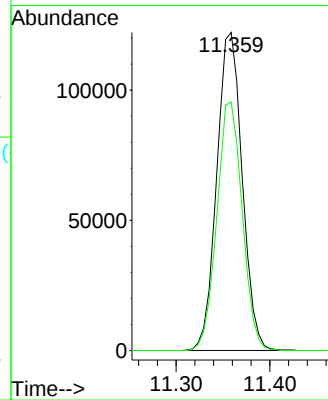
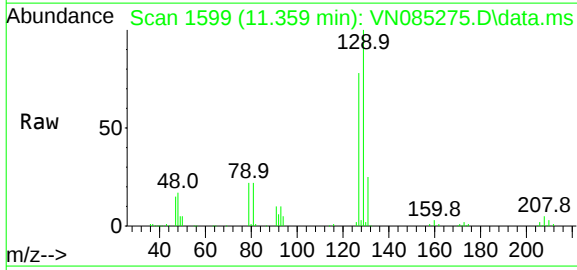
VSTDIC100

Tgt Ion:129 Resp: 230512

Ion Ratio Lower Upper

129 100

127 77.9 38.1 114.3



#54

1,2-Dibromoethane

Concen: 99.764 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN085275.D

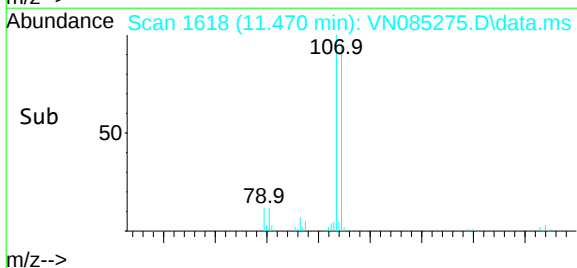
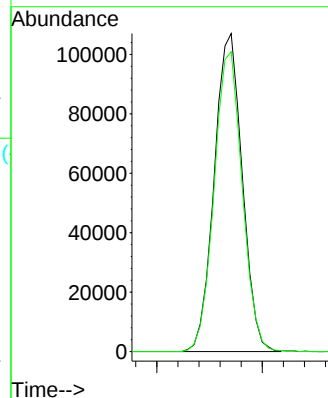
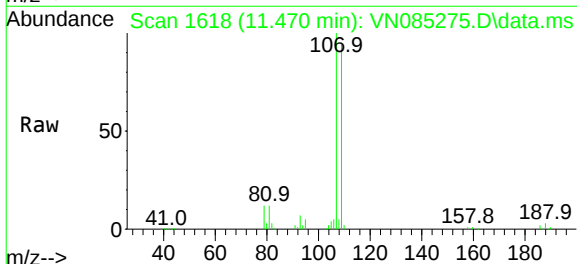
Acq: 20 Dec 2024 11:17

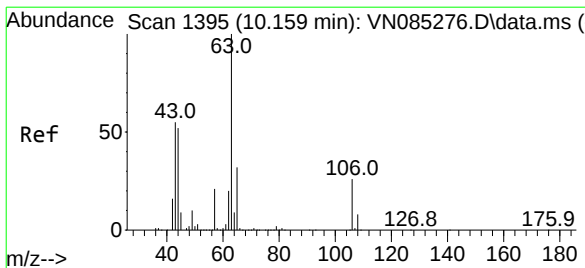
Tgt Ion:107 Resp: 197287

Ion Ratio Lower Upper

107 100

109 94.7 76.2 114.4

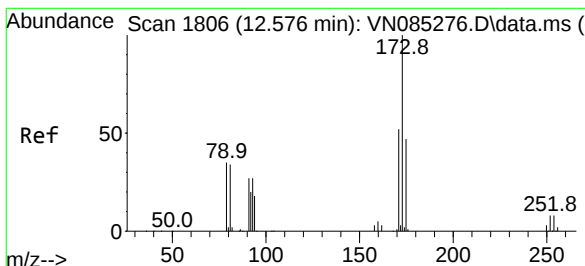
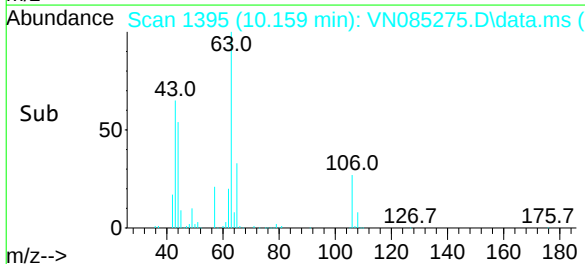
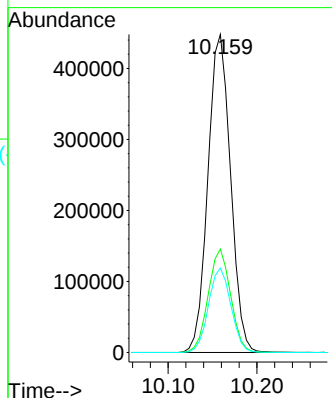
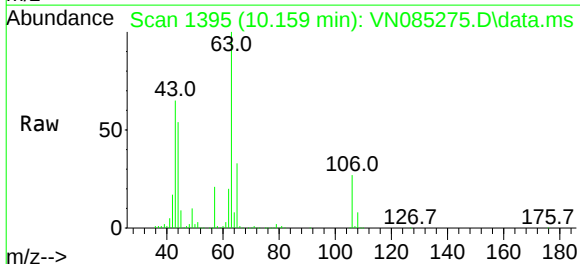




#55
2-Chloroethyl vinyl ether
Concen: 499.033 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

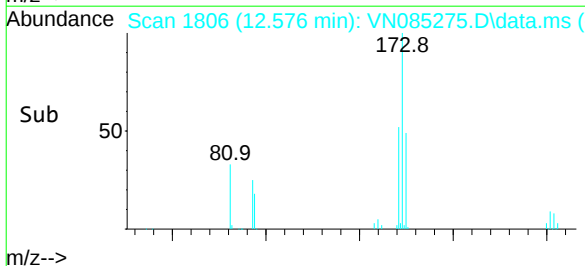
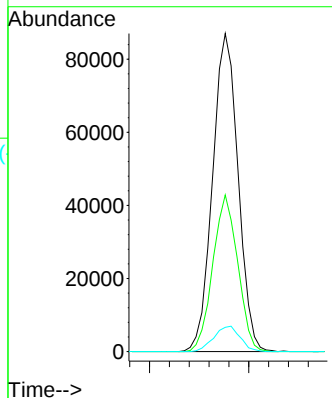
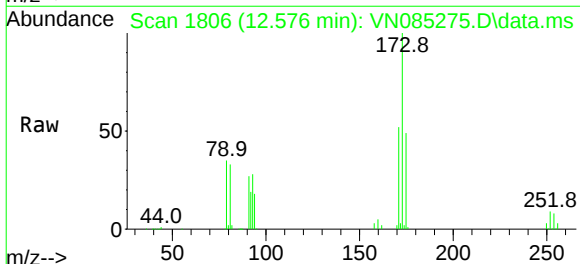
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

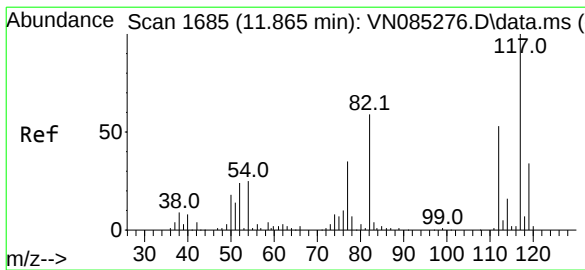
Tgt Ion:	63	Resp:	794467
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.9	38.9
106	26.3	21.2	31.8



#56
Bromoform
Concen: 99.517 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion:	173	Resp:	155445
Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.4	59.2
254	8.3	7.2	10.8

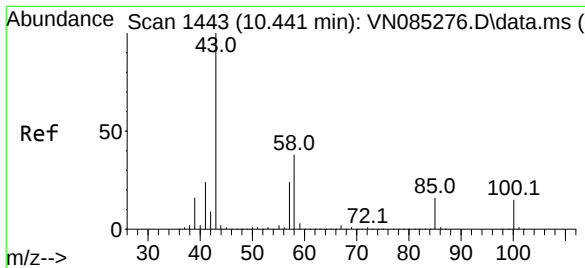
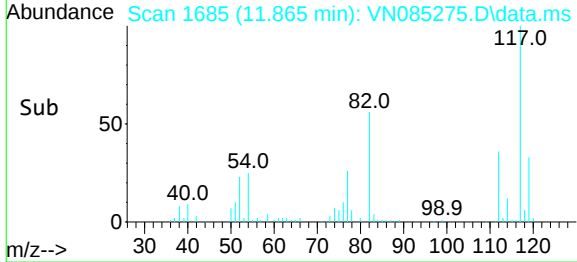
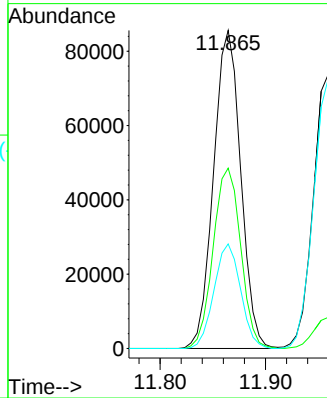
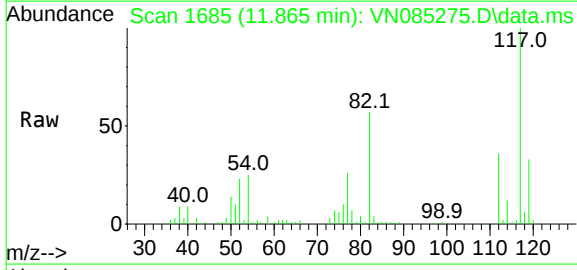




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

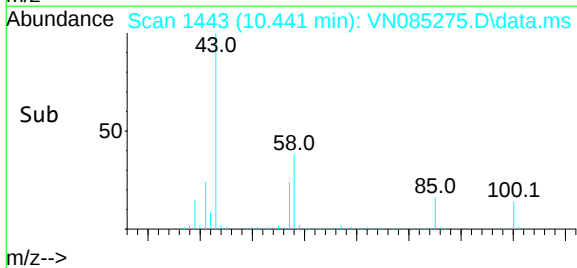
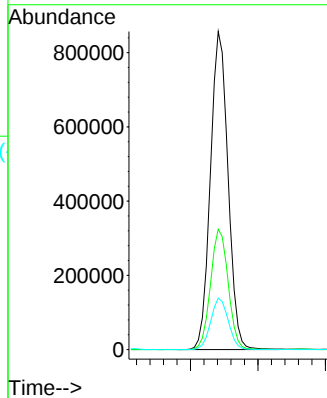
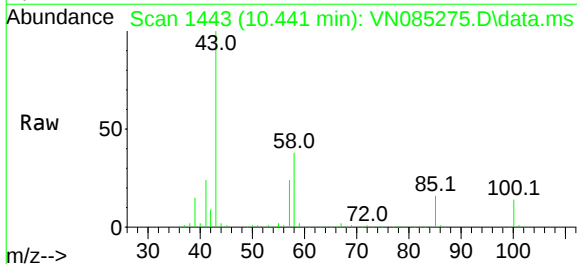
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

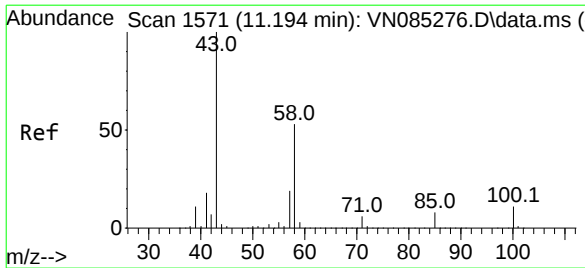
Tgt Ion:117 Resp: 153405
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.0
119 32.2 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 500.192 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 43 Resp: 1555548
Ion Ratio Lower Upper
43 100
58 37.8 29.2 43.8
85 16.1 12.8 19.2





#59

2-Hexanone

Concen: 511.643 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

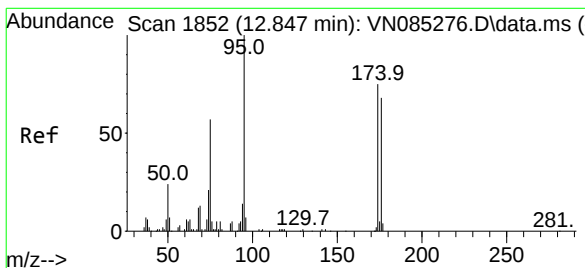
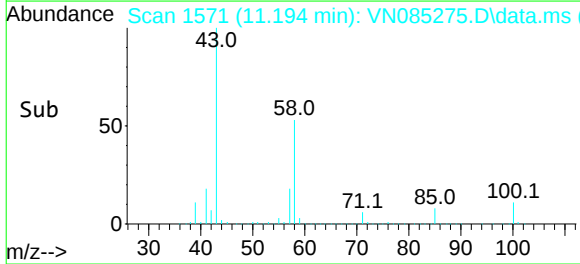
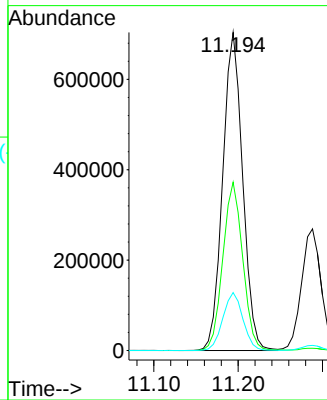
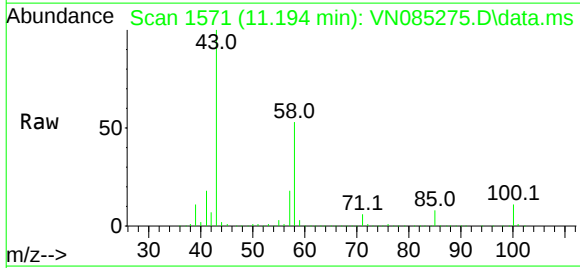
Tgt Ion: 43 Resp: 1155911

Ion Ratio Lower Upper

43 100

58 52.8 40.2 60.4

57 18.3 14.2 21.4



#60

4-Bromofluorobenzene

Concen: 30.203 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

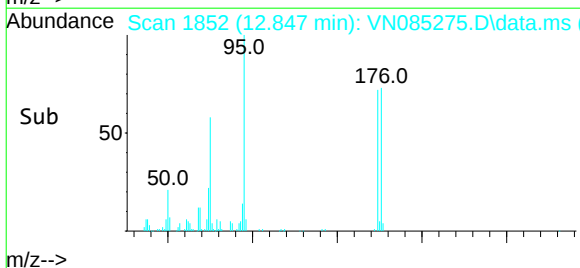
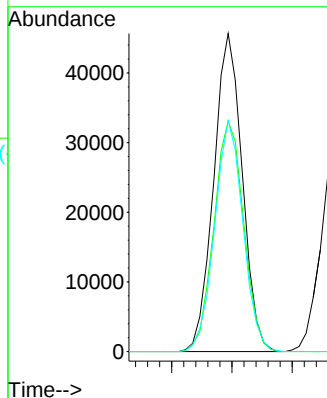
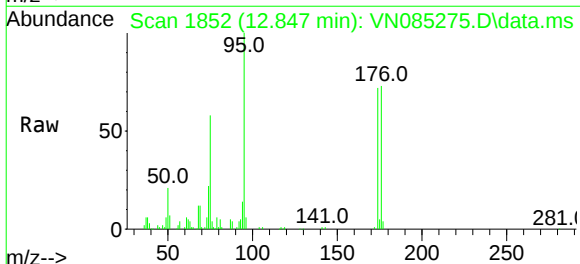
Tgt Ion: 95 Resp: 75053

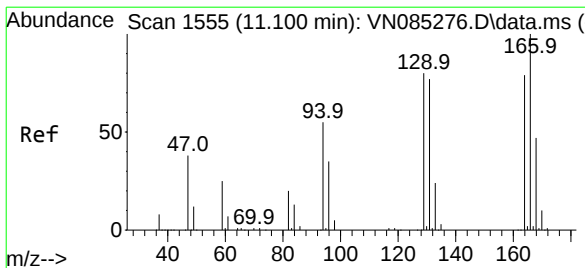
Ion Ratio Lower Upper

95 100

174 75.7 57.8 86.8

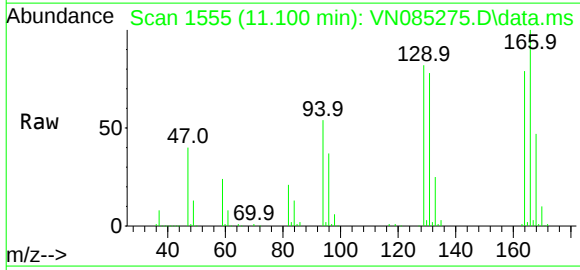
176 72.3 57.1 85.7



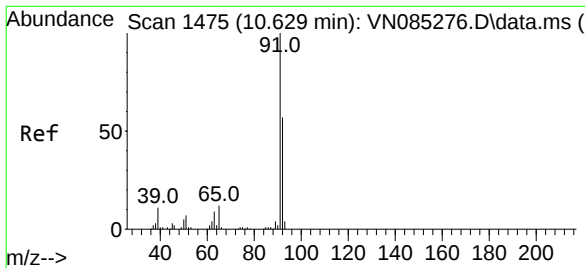
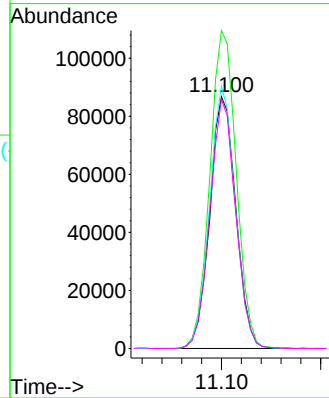
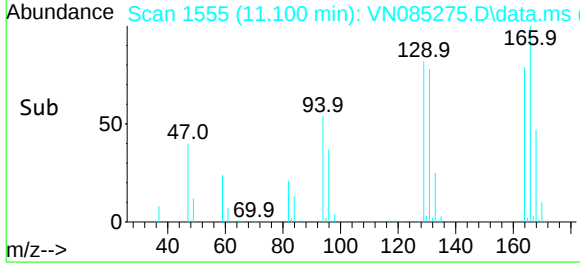


#61
Tetrachloroethene
Concen: 92.479 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

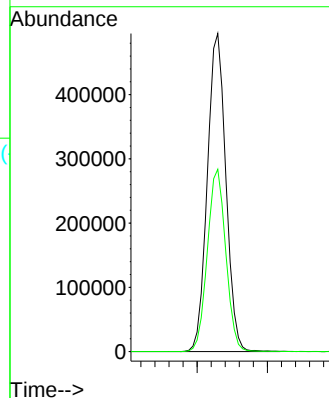
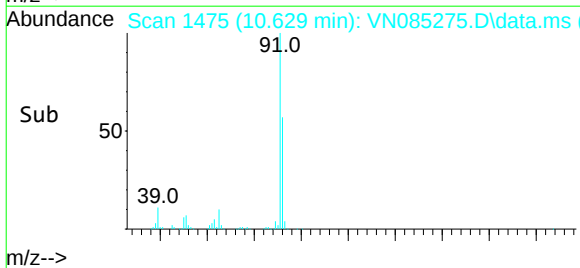
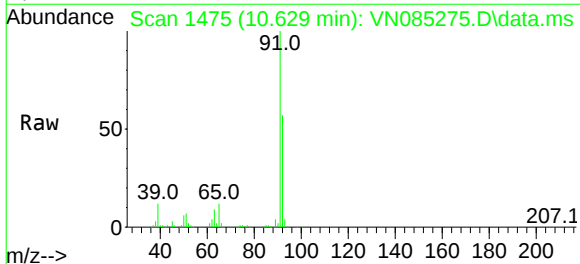


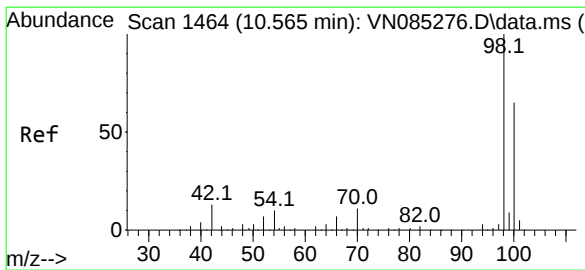
Tgt Ion:164 Resp: 158376
Ion Ratio Lower Upper
164 100
166 126.1 109.0 163.4
129 104.0 85.1 127.7
131 98.7 80.7 121.1



#62
Toluene
Concen: 96.195 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 91 Resp: 906601
Ion Ratio Lower Upper
91 100
92 56.9 45.9 68.9





#63

Toluene-d8

Concen: 28.887 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

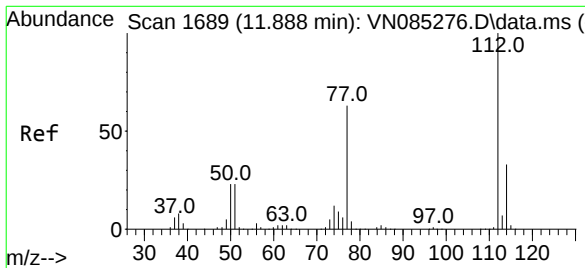
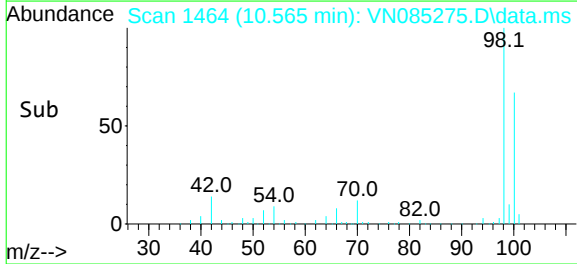
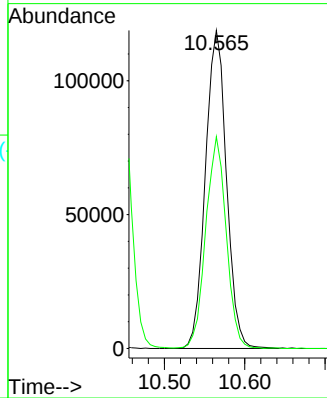
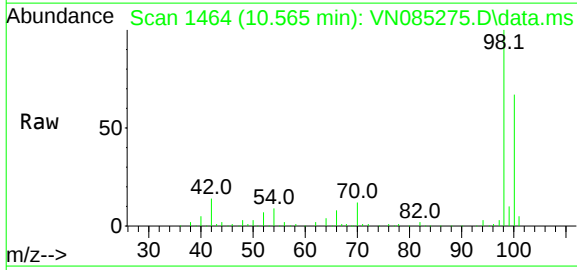
VSTDIC100

Tgt Ion: 98 Resp: 216384

Ion Ratio Lower Upper

98 100

100 64.8 50.8 76.2



#64

Chlorobenzene

Concen: 97.120 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085275.D

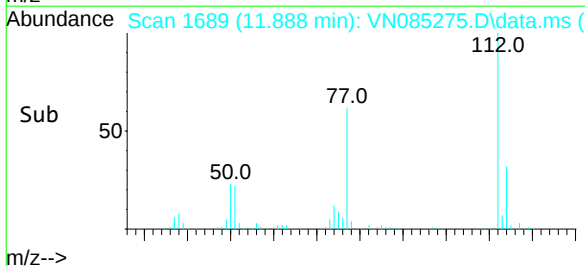
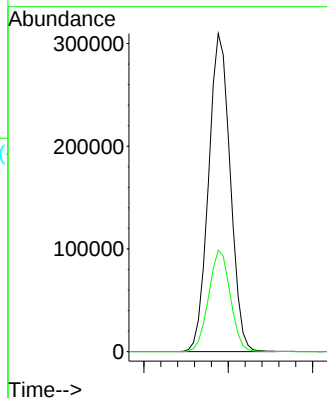
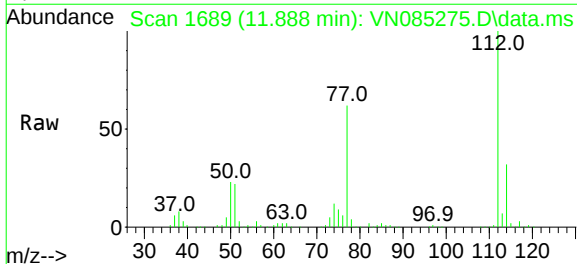
Acq: 20 Dec 2024 11:17

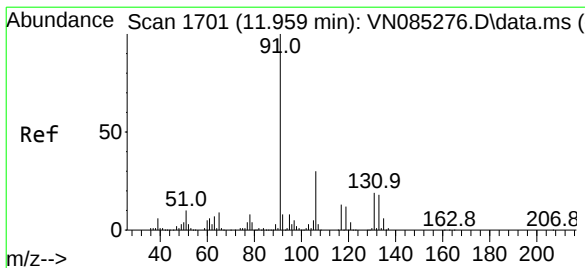
Tgt Ion: 112 Resp: 552038

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6

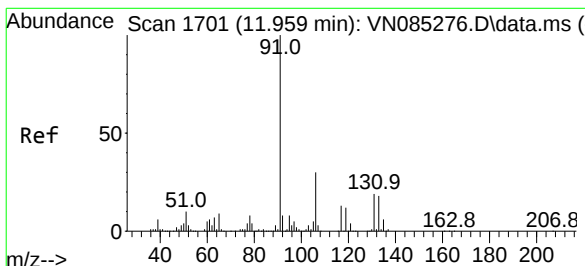
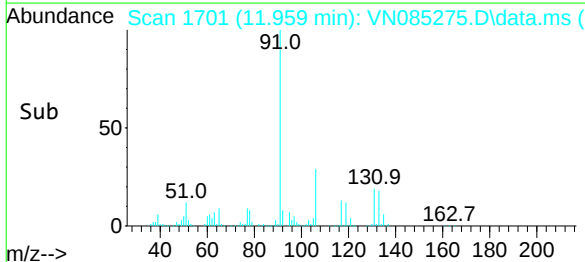
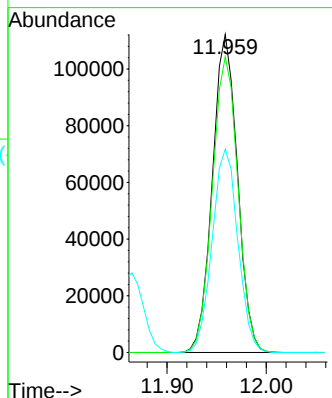
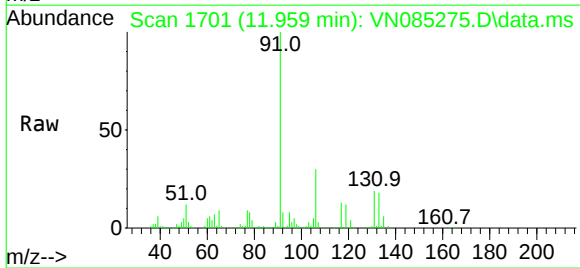




#65
1,1,1,2-Tetrachloroethane
Concen: 95.511 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

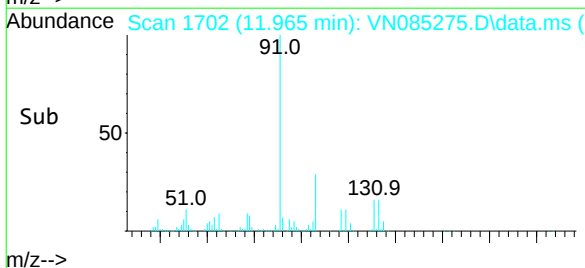
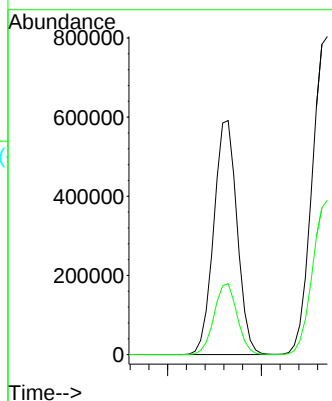
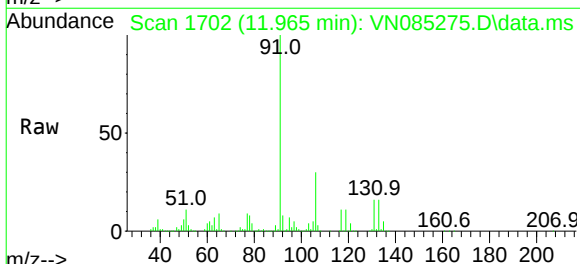
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

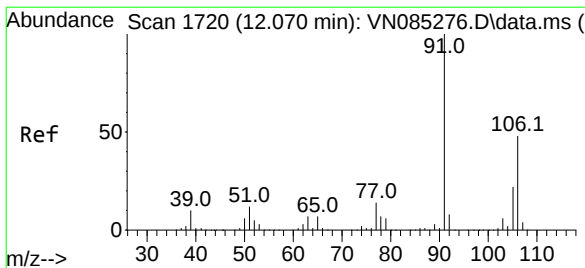
Tgt Ion:131 Resp: 196883
Ion Ratio Lower Upper
131 100
133 95.1 0.0 189.4
119 65.8 0.0 135.0



#66
Ethyl Benzene
Concen: 103.167 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 91 Resp: 1023076
Ion Ratio Lower Upper
91 100
106 30.3 23.2 34.8

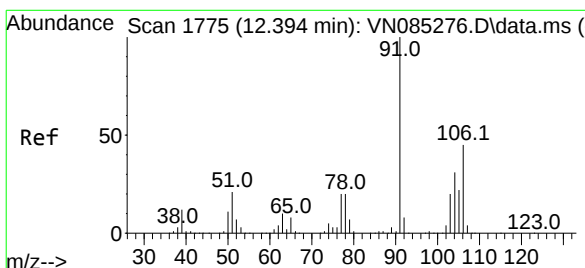
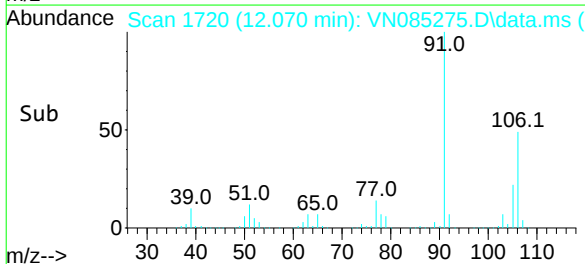
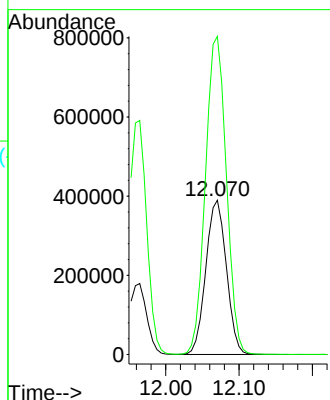
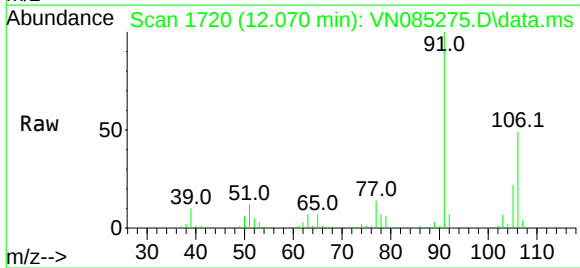




#67
m/p-Xylenes
Concen: 204.205 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

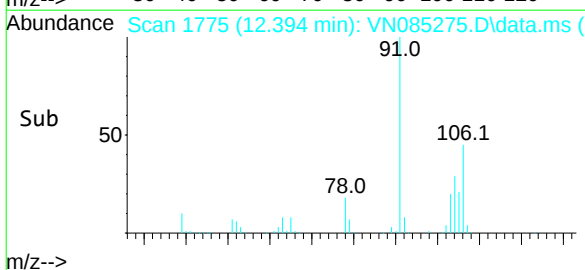
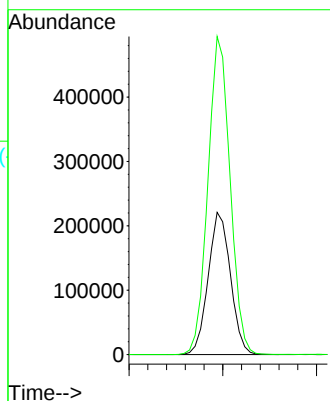
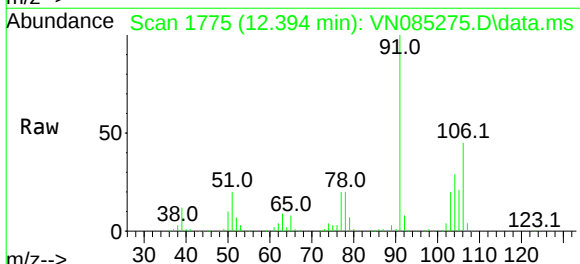
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

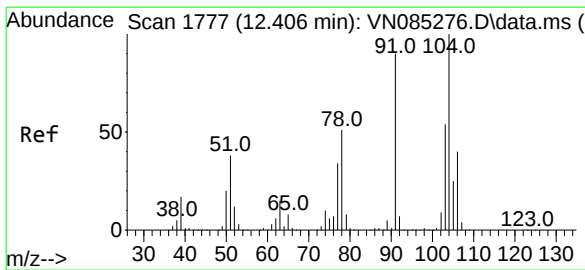
Tgt Ion:106 Resp: 759711
Ion Ratio Lower Upper
106 100
91 209.6 167.0 250.4



#68
o-Xylene
Concen: 103.033 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion:106 Resp: 365116
Ion Ratio Lower Upper
106 100
91 222.1 110.6 331.8





#69

Styrene

Concen: 104.745 ug/l

RT: 12.412 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

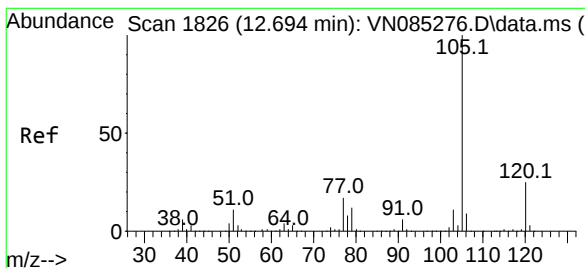
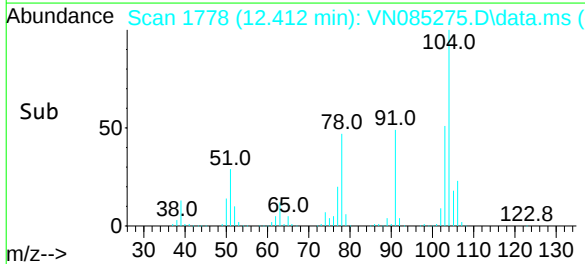
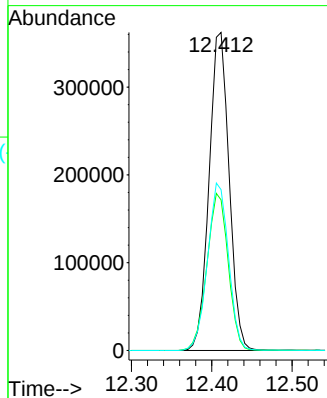
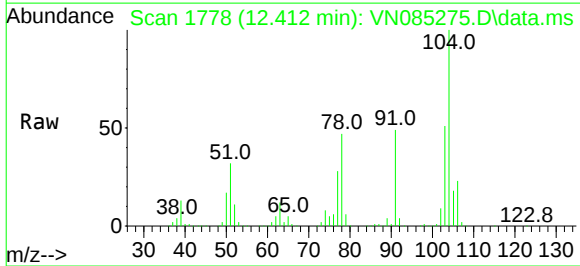
Tgt Ion:104 Resp: 627310

Ion Ratio Lower Upper

104 100

78 52.5 41.0 61.4

103 55.3 44.8 67.2



#70

Isopropylbenzene

Concen: 104.729 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085275.D

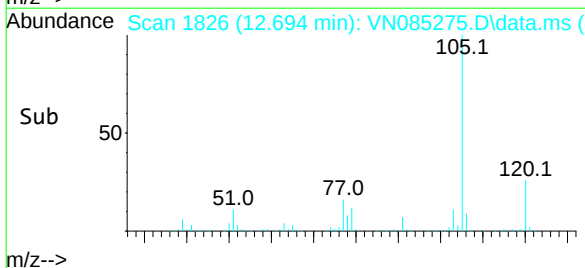
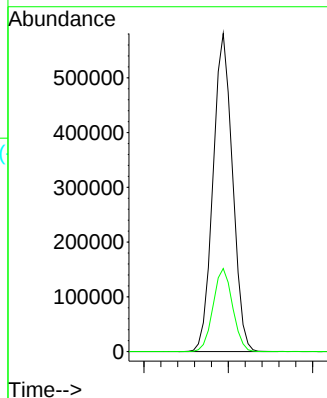
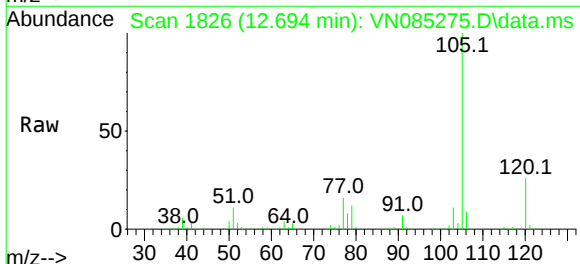
Acq: 20 Dec 2024 11:17

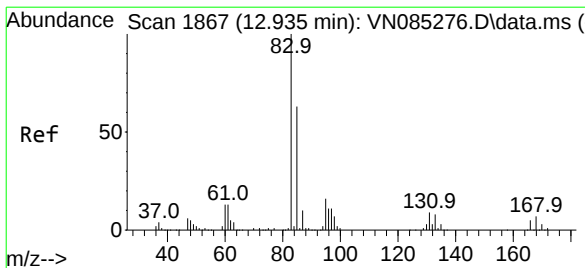
Tgt Ion:105 Resp: 931902

Ion Ratio Lower Upper

105 100

120 26.1 18.4 34.2





#71

1,1,2,2-Tetrachloroethane

Concen: 94.909 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

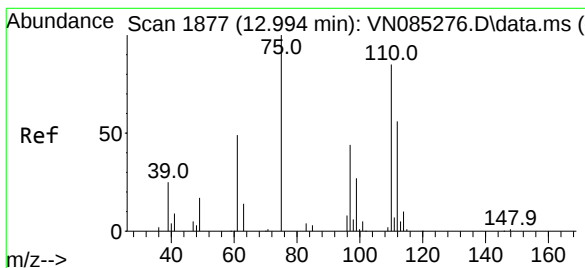
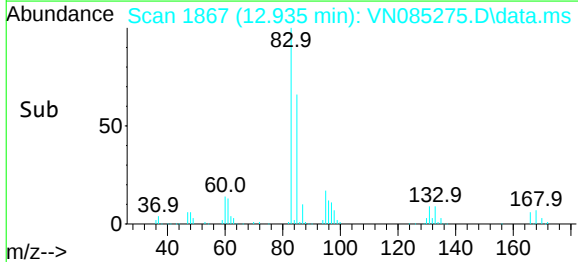
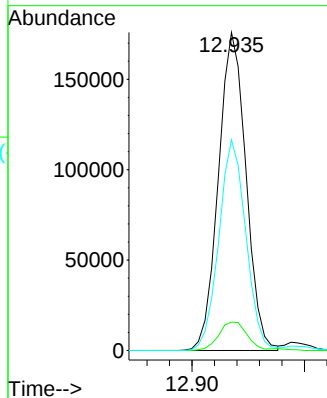
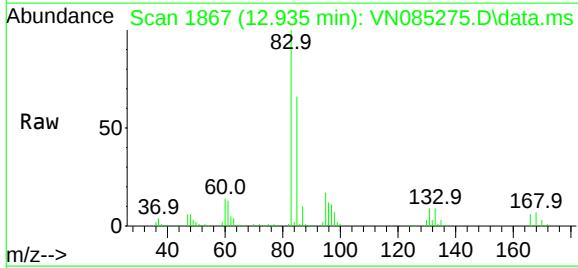
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	299530
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.0	15.0
85	64.8	33.0	98.9



#72

1,2,3-Trichloropropane

Concen: 86.710 ug/l m

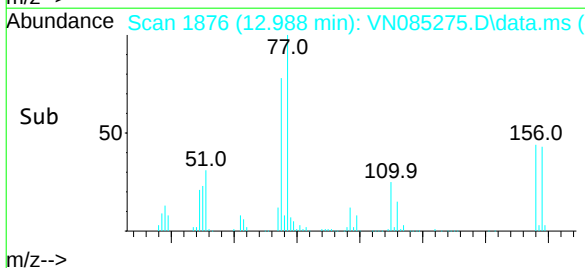
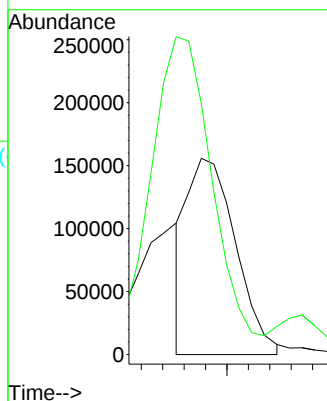
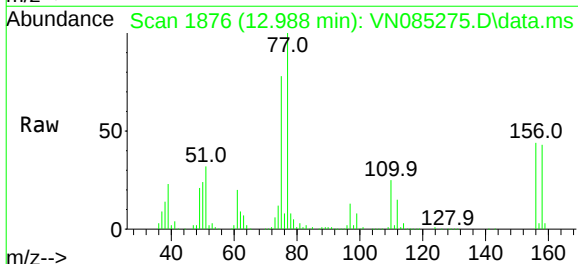
RT: 12.988 min Scan# 1876

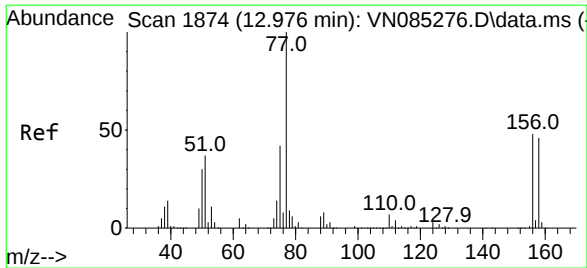
Delta R.T. -0.006 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Tgt Ion:	75	Resp:	245228
Ion Ratio	Lower	Upper	
75	100		
77	209.6	0.0	319.6





#73

Bromobenzene

Concen: 99.063 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

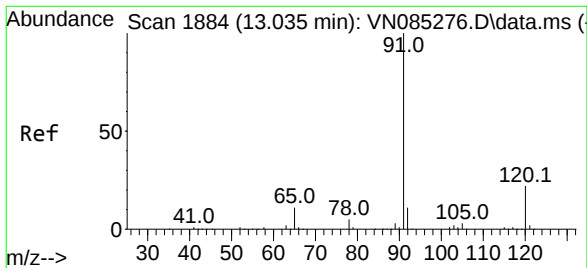
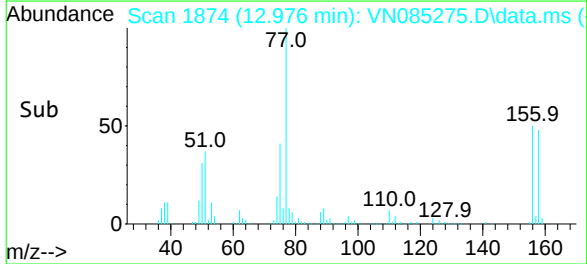
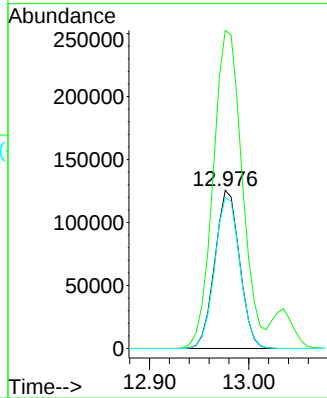
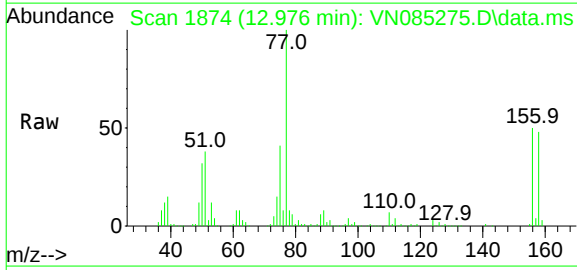
Tgt Ion:156 Resp: 217768

Ion Ratio Lower Upper

156 100

77 236.0 0.0 462.6

158 97.3 0.0 186.4



#74

n-propylbenzene

Concen: 103.738 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085275.D

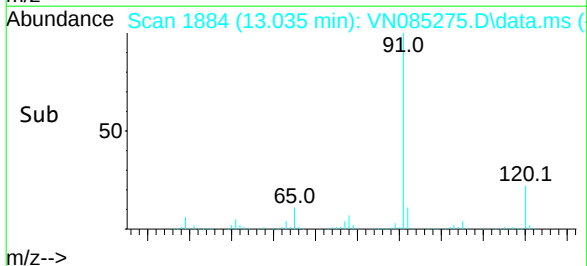
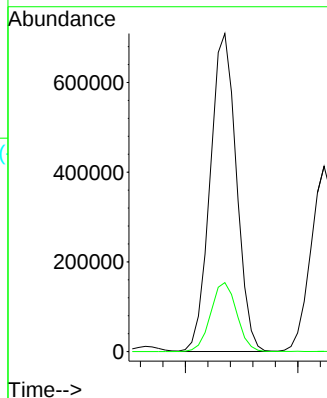
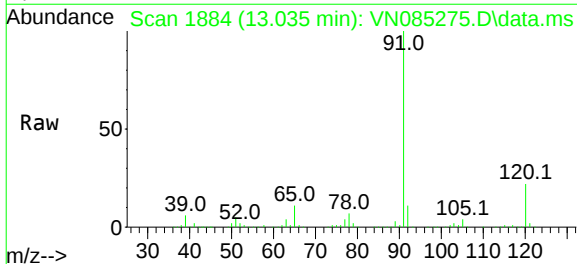
Acq: 20 Dec 2024 11:17

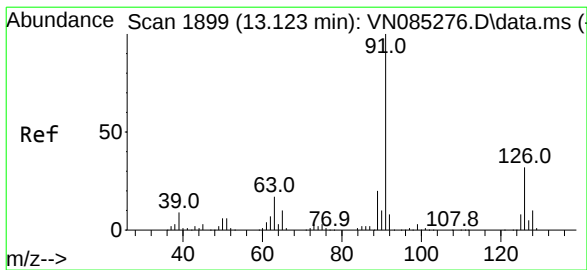
Tgt Ion: 91 Resp: 1150009

Ion Ratio Lower Upper

91 100

120 21.5 0.0 41.4

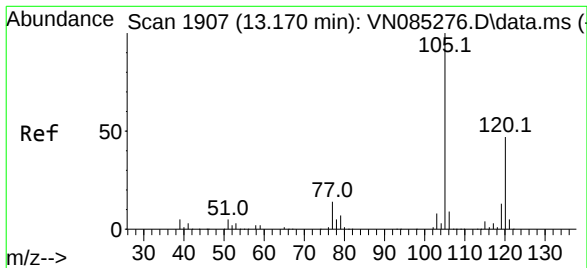
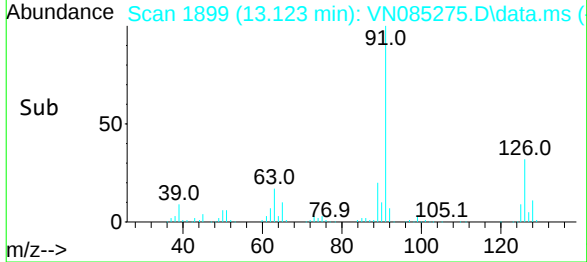
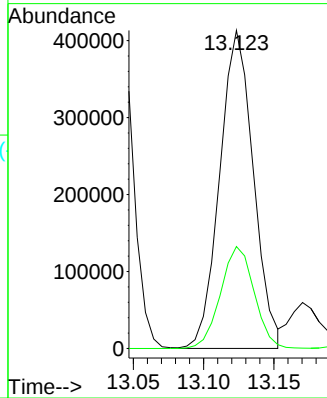
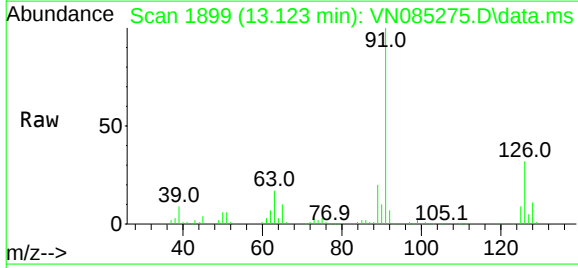




#75
2-Chlorotoluene
Concen: 103.043 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

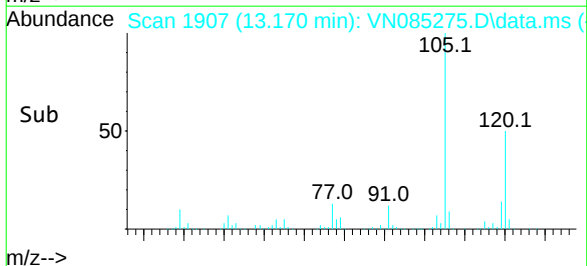
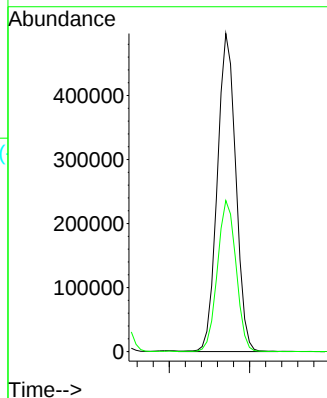
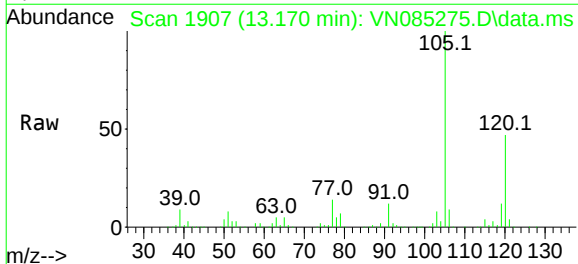
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

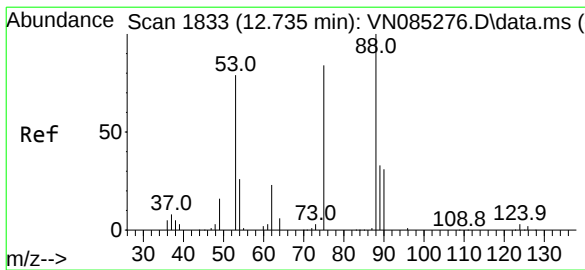
Tgt Ion: 91 Resp: 688133
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 104.774 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 105 Resp: 795513
Ion Ratio Lower Upper
105 100
120 47.8 0.0 95.0

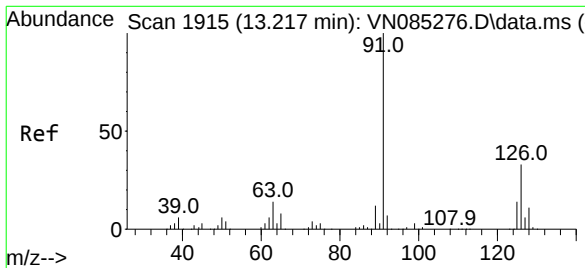
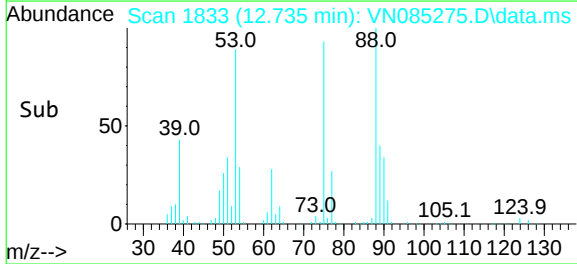
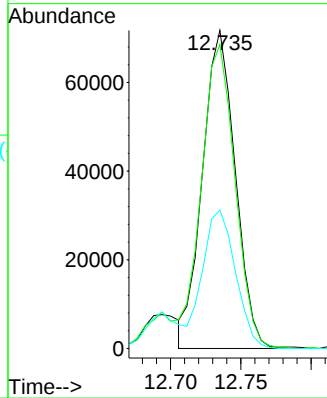
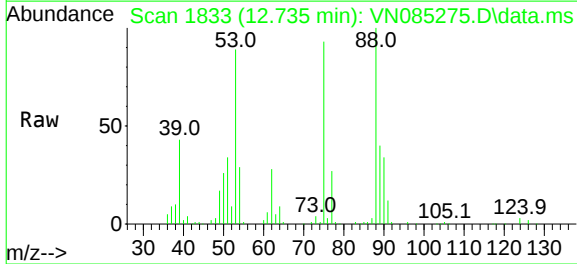




#77
t-1,4-Dichloro-2-butene
Concen: 106.032 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

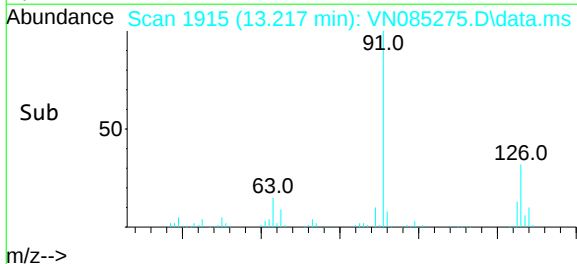
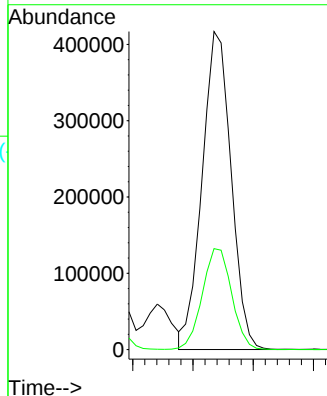
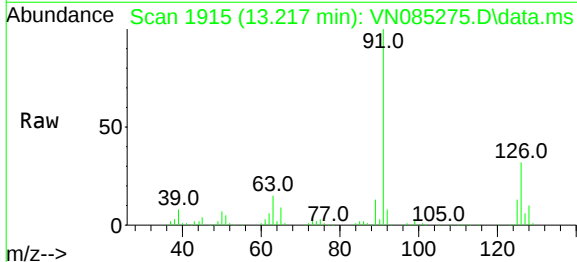
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

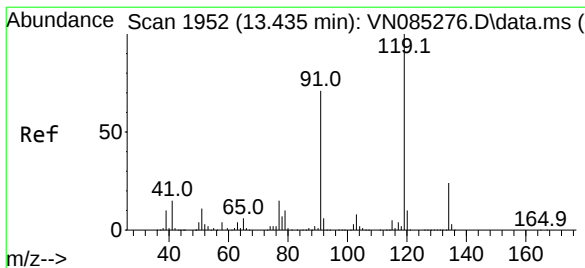
Tgt Ion:	75	Resp:	116397
Ion	Ratio	Lower	Upper
75	100		
53	95.5	54.9	164.5
89	43.7	22.8	68.3



#78
4-Chlorotoluene
Concen: 102.569 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion:	91	Resp:	696441
Ion	Ratio	Lower	Upper
91	100		
126	32.2	0.0	63.6





#79

tert-butylbenzene

Concen: 106.072 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

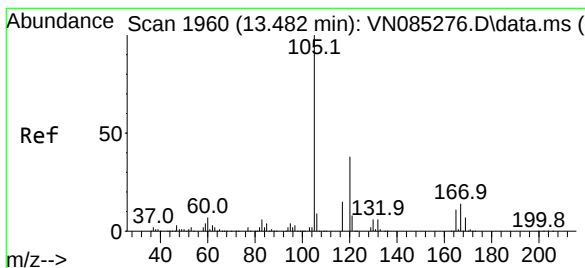
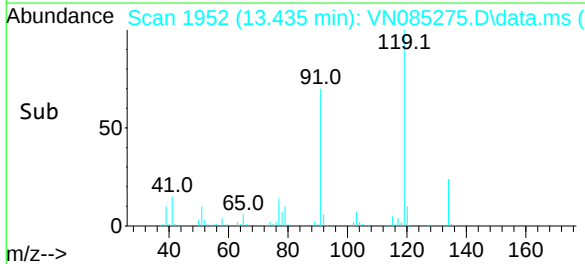
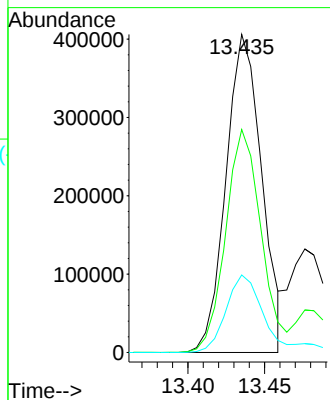
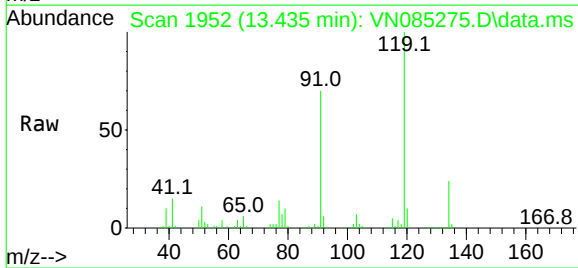
Tgt Ion:119 Resp: 658635

Ion Ratio Lower Upper

119 100

91 69.7 0.0 142.0

134 24.4 0.0 49.0



#80

1,2,4-Trimethylbenzene

Concen: 106.203 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN085275.D

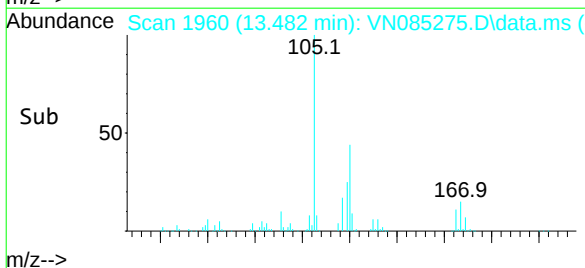
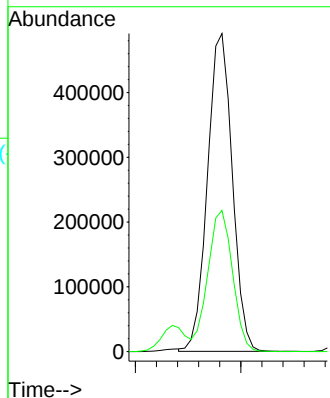
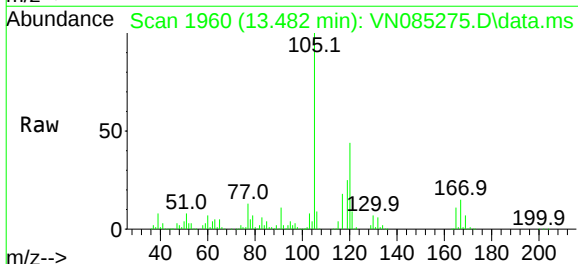
Acq: 20 Dec 2024 11:17

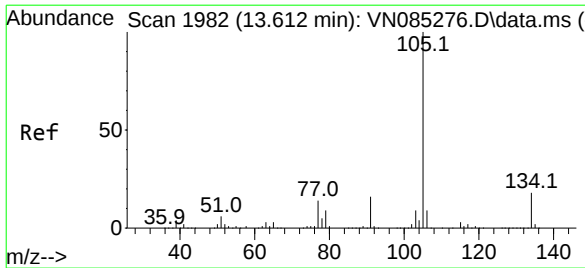
Tgt Ion:105 Resp: 802332

Ion Ratio Lower Upper

105 100

120 44.3 0.0 89.8

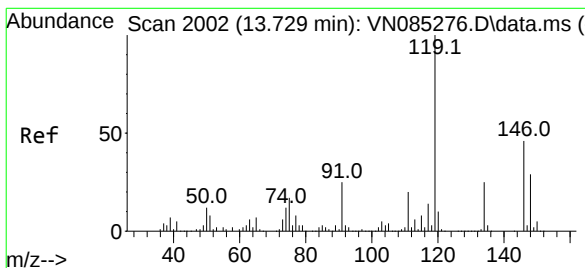
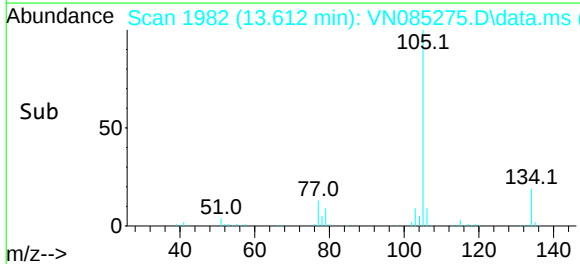
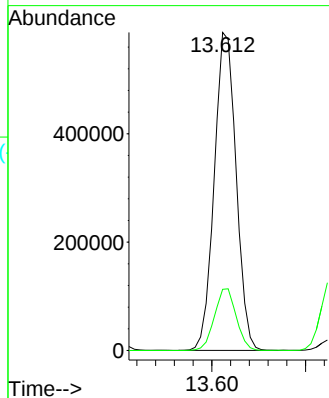
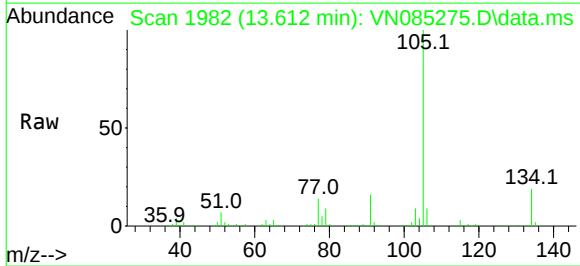




#81
sec-Butylbenzene
Concen: 105.983 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

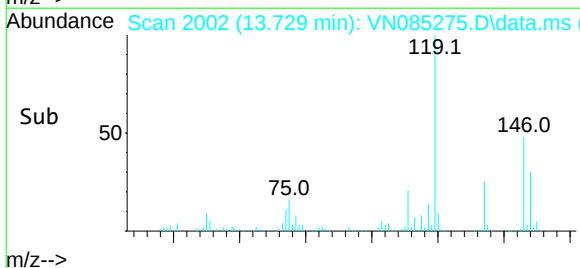
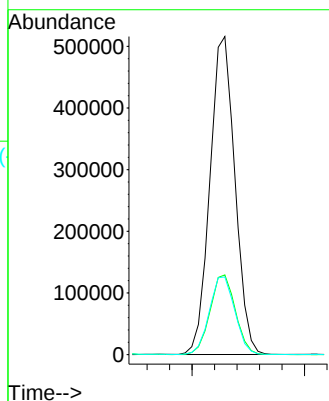
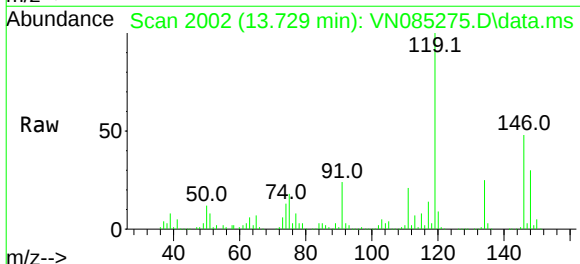
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

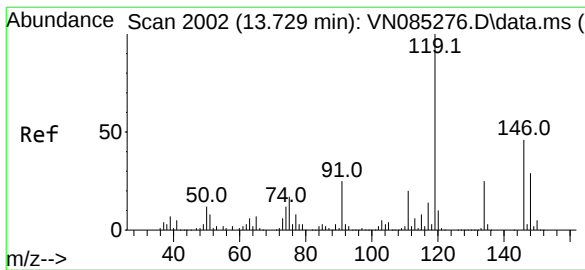
Tgt Ion:105 Resp: 950101
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.8



#82
p-Isopropyltoluene
Concen: 108.087 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion:119 Resp: 797992
Ion Ratio Lower Upper
119 100
134 25.4 0.0 51.4
91 25.0 0.0 51.4

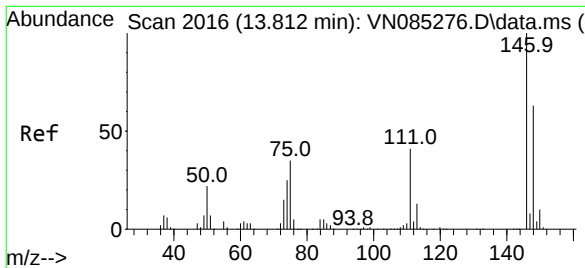
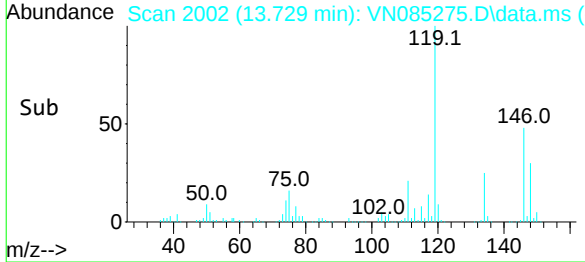
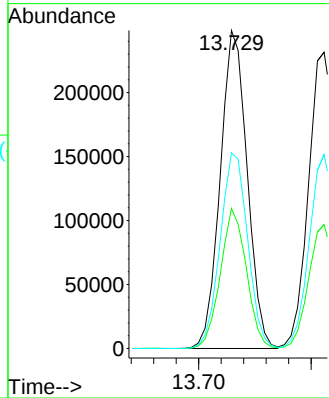
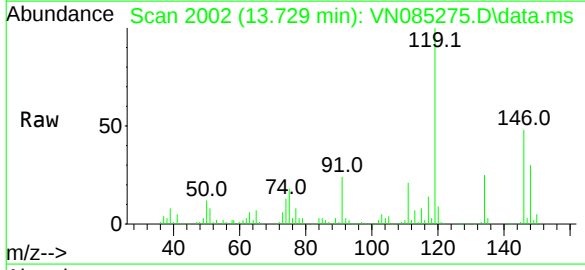




#83
1,3-Dichlorobenzene
Concen: 101.002 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

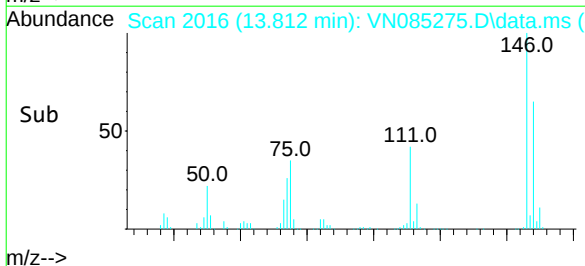
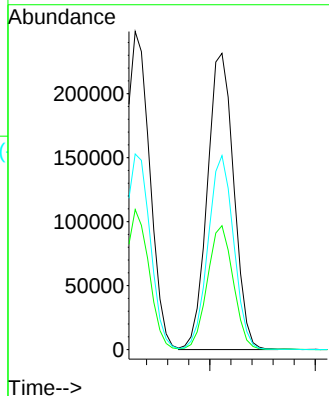
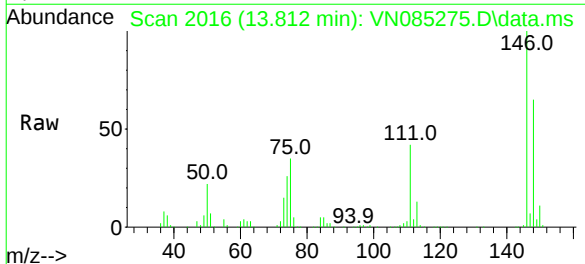
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

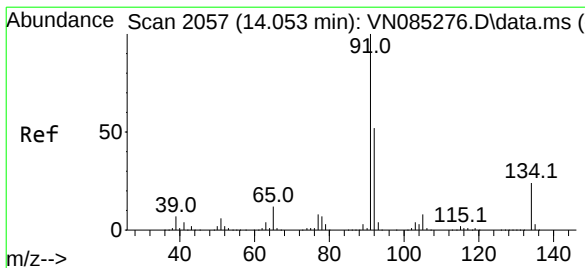
Tgt Ion:146 Resp: 414079
Ion Ratio Lower Upper
146 100
111 42.5 20.4 61.3
148 62.7 31.1 93.5



#84
1,4-Dichlorobenzene
Concen: 101.995 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion:146 Resp: 404547
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 63.4 33.2 99.6

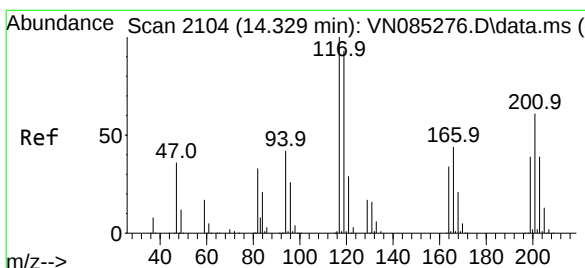
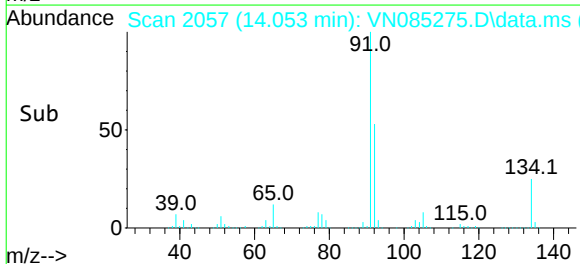
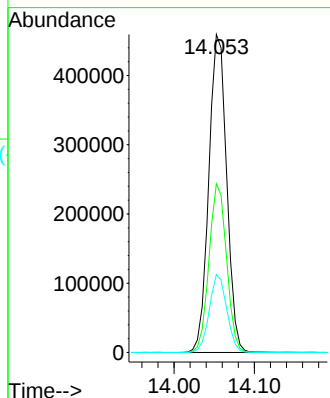
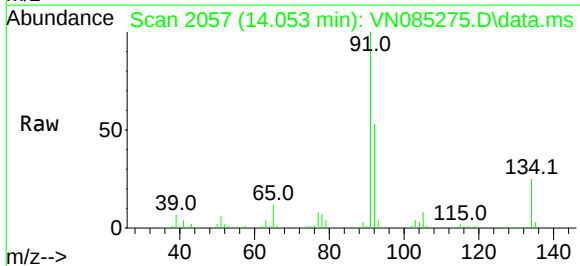




#85
n-Butylbenzene
Concen: 111.289 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

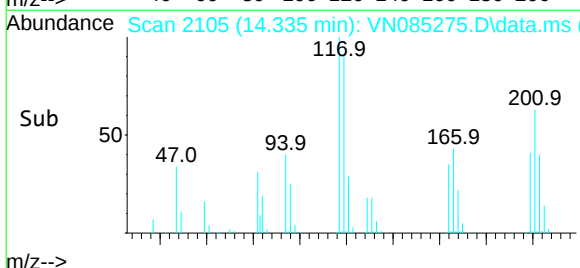
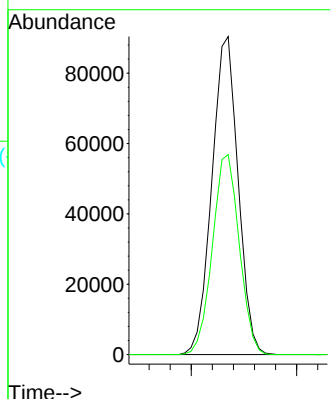
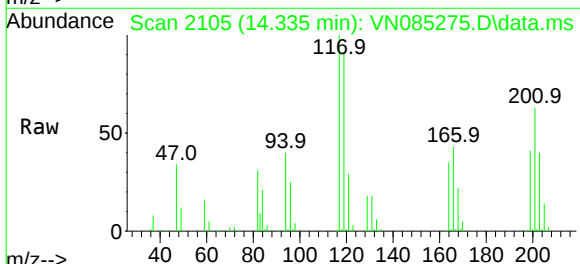
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

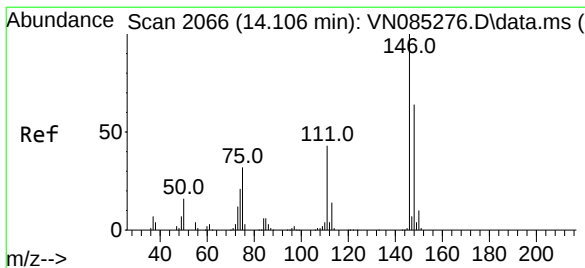
Tgt Ion: 91 Resp: 709360
Ion Ratio Lower Upper
91 100
92 52.1 0.0 102.0
134 23.9 0.0 46.4



#86
Hexachloroethane
Concen: 98.666 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085275.D
Acq: 20 Dec 2024 11:17

Tgt Ion: 117 Resp: 156383
Ion Ratio Lower Upper
117 100
201 64.2 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 100.567 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

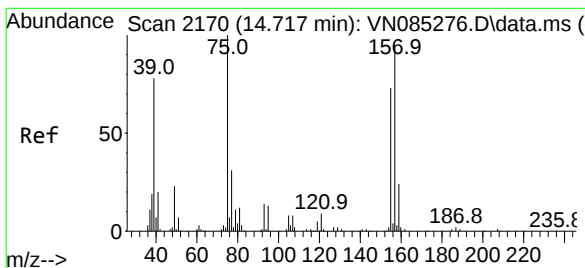
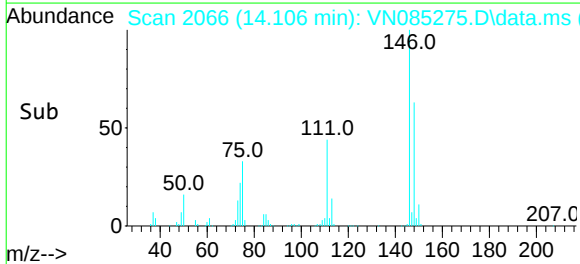
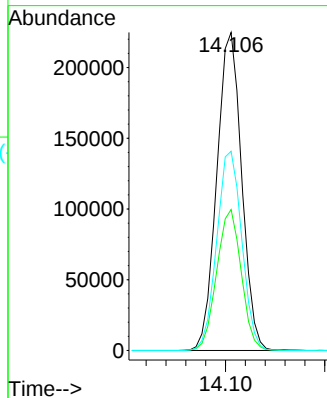
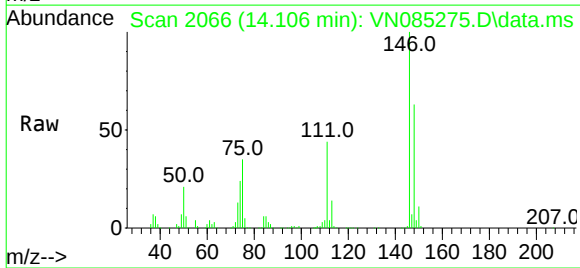
Tgt Ion:146 Resp: 391699

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.3

148 63.1 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 102.685 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

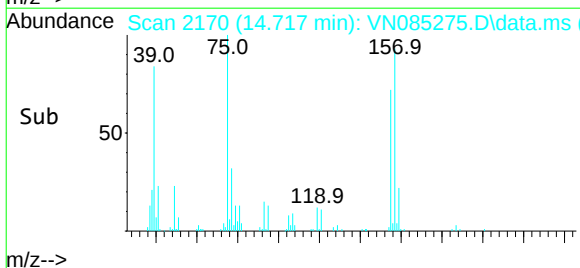
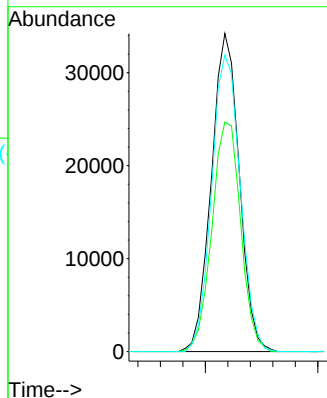
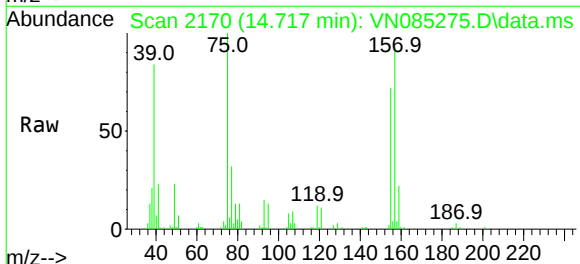
Tgt Ion: 75 Resp: 59160

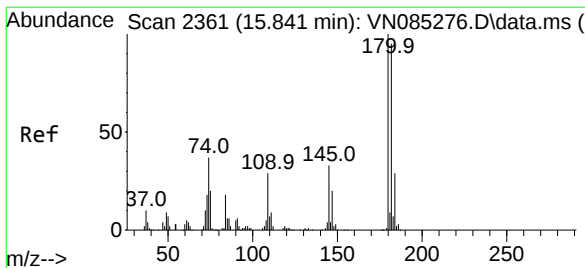
Ion Ratio Lower Upper

75 100

155 74.0 53.4 80.0

157 95.3 74.2 111.4





#89

1,2,4-Trichlorobenzene

Concen: 106.025 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

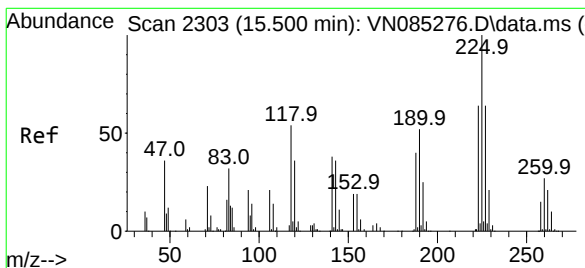
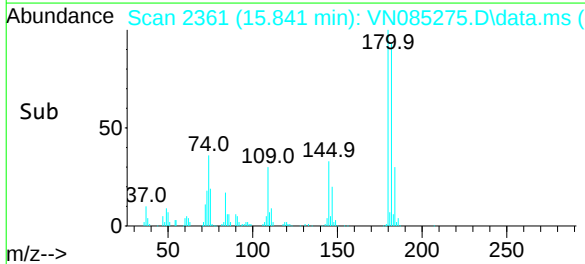
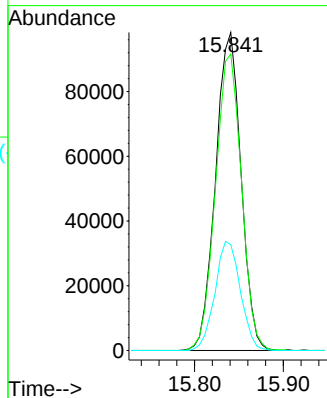
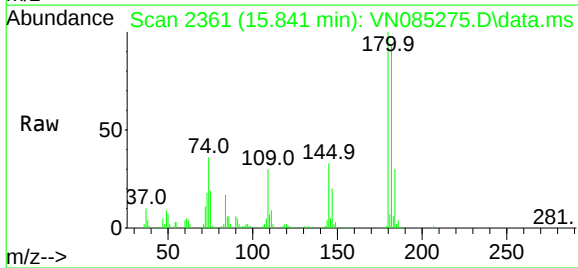
Tgt Ion:180 Resp: 195643

Ion Ratio Lower Upper

180 100

182 95.2 76.5 114.7

145 34.3 27.4 41.2



#90

Hexachlorobutadiene

Concen: 96.524 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

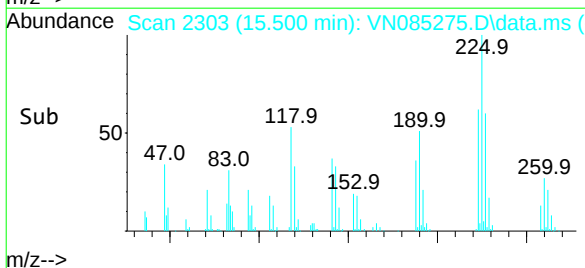
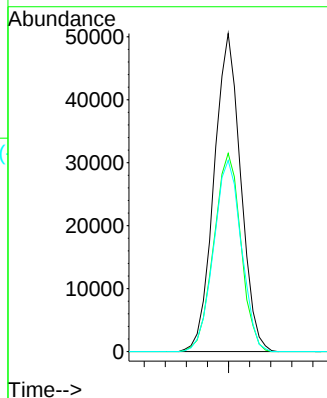
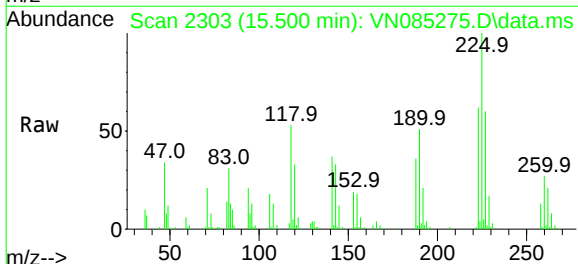
Tgt Ion:225 Resp: 88782

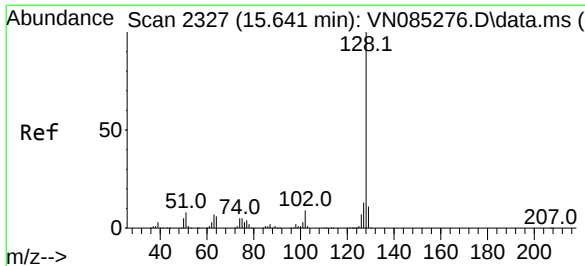
Ion Ratio Lower Upper

225 100

223 63.2 0.0 116.2

227 62.6 0.0 116.4





#91

Naphthalene

Concen: 114.999 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

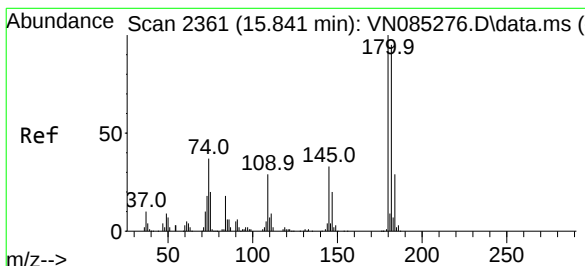
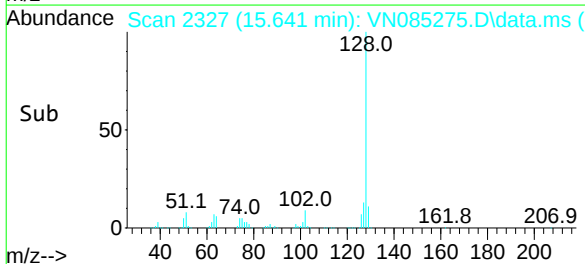
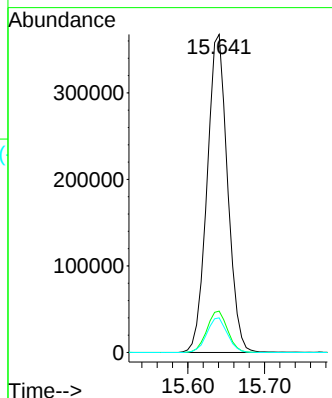
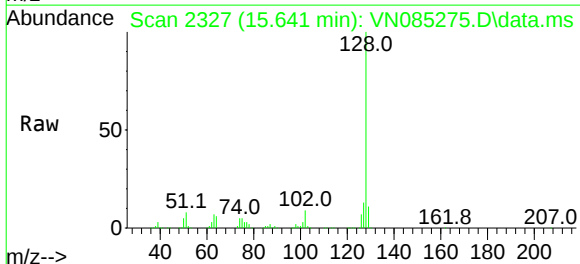
Tgt Ion:128 Resp: 681808

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 106.025 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085275.D

Acq: 20 Dec 2024 11:17

Tgt Ion:180 Resp: 195643

Ion Ratio Lower Upper

180 100

182 95.2 0.0 191.2

145 34.3 0.0 68.6

