

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
 Data File : VN085419.D
 Acq On : 10 Jan 2025 11:33
 Operator : JC\MD
 Sample : VN0110WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Quant Time: Jan 10 22:40:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31512	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	174744	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	158580	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	82108	29.620	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.733%
60) 4-Bromofluorobenzene	12.847	95	75788	29.504	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.333%
63) Toluene-d8	10.559	98	232183	29.984	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	55214	20.955	ug/l	97
3) Chloromethane	2.359	50	53746	20.203	ug/l	95
4) Vinyl Chloride	2.512	62	54510	20.180	ug/l	98
5) Bromomethane	2.965	94	33201	21.025	ug/l	100
6) Chloroethane	3.124	64	35385	20.751	ug/l	95
7) Trichlorofluoromethane	3.506	101	80400	21.665	ug/l	96
8) Diethyl Ether	3.959	74	26994	21.121	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	47692	22.380	ug/l	82
10) 1,1-Dichloroethene	4.342	96	42076	21.614	ug/l	99
11) Methyl Iodide	4.589	142	52645	22.564	ug/l	98
12) Methyl Acetate	5.018	43	64678	22.247	ug/l	99
13) Acrolein	4.171	56	28984	111.678	ug/l #	68
14) Acrylonitrile	5.712	53	108604	96.587	ug/l	98
15) Acetone	4.418	58	27899	98.360	ug/l	99
16) Carbon Disulfide	4.712	76	119284	20.158	ug/l	96
17) Allyl chloride	5.024	41	65284	20.731	ug/l	92
18) Methylene Chloride	5.271	84	49314	21.258	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	43549	21.508	ug/l	92
20) Diisopropyl ether	6.665	45	155139	21.496	ug/l	98
21) 1,1-Dichloroethane	6.559	63	91911	21.784	ug/l #	95
22) cis-1,2-Dichloroethene	7.477	96	52335	21.706	ug/l	99
23) tert-Butyl Alcohol	5.512	59	32287	87.128	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	140947	22.059	ug/l	95
25) Chloroform	7.959	83	92301	21.581	ug/l	97
26) Cyclohexane	8.253	56	67571	21.005	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	63120	20.805	ug/l	99
30) 2-Butanone	7.477	43	142404	88.920	ug/l	98
31) 2,2-Dichloropropane	7.483	77	80838	21.027	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	79941	20.269	ug/l	99
33) Carbon Tetrachloride	8.359	117	71059	20.581	ug/l	98
34) Benzene	8.600	78	197604	20.605	ug/l	98
35) Methacrylonitrile	7.777	41	33380	18.829	ug/l	99
36) 1,2-Dichloroethane	8.665	62	69584	20.065	ug/l #	91
37) Trichloroethene	9.347	130	43267	20.505	ug/l	91
38) Methylcyclohexane	9.594	83	63951	20.369	ug/l	95
39) 1,2-Dichloropropane	9.618	63	49902	20.452	ug/l	99
40) Dibromomethane	9.700	93	34052	20.017	ug/l	98
41) Bromodichloromethane	9.883	83	71873	20.217	ug/l	99
42) Vinyl Acetate	6.595	43	534666	94.580	ug/l	100

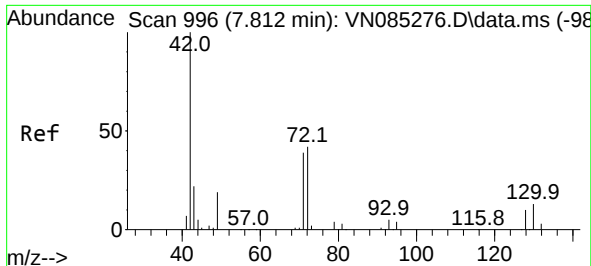
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	61368	18.530	ug/l	96
44) Isopropyl Acetate	8.683	43	102325	18.599	ug/l	99
45) 1,4-Dioxane	9.688	88	14307	334.335	ug/l	100
46) Methyl methacrylate	9.677	41	47868	18.744	ug/l	95
47) n-amyl Acetate	12.488	43	82190	17.536	ug/l	99
48) t-1,3-Dichloropropene	10.830	75	71496	20.360	ug/l	97
49) cis-1,3-Dichloropropene	10.306	75	77970	20.653	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	43971	19.764	ug/l	98
51) Ethyl methacrylate	10.871	69	64540	19.180	ug/l	93
52) 1,3-Dichloropropane	11.159	76	78537	20.223	ug/l	97
53) Dibromochloromethane	11.353	129	51529	19.766	ug/l	98
54) 1,2-Dibromoethane	11.465	107	42333	19.662	ug/l	98
55) 2-Chloroethyl vinyl ether	10.153	63	148014	85.393	ug/l	99
56) Bromoform	12.571	173	30949	18.198	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	301102	93.661	ug/l	99
59) 2-Hexanone	11.188	43	211060	90.373	ug/l	98
61) Tetrachloroethene	11.100	164	39076	22.073	ug/l	88
62) Toluene	10.624	91	205407	21.084	ug/l	100
64) Chlorobenzene	11.888	112	126737	21.569	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	45615	21.406	ug/l	96
66) Ethyl Benzene	11.959	91	213047	20.783	ug/l	94
67) m/p-Xylenes	12.065	106	165155	42.944	ug/l	100
68) o-Xylene	12.394	106	77801	21.238	ug/l	98
69) Styrene	12.406	104	130260	21.040	ug/l	99
70) Isopropylbenzene	12.694	105	198717	21.603	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	62162	19.054	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	54928m	19.782	ug/l	
73) Bromobenzene	12.976	156	46972	20.670	ug/l	98
74) n-propylbenzene	13.029	91	240044	20.947	ug/l	98
75) 2-Chlorotoluene	13.123	91	146170	21.174	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	167566	21.349	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	20704	18.245	ug/l	89
78) 4-Chlorotoluene	13.218	91	147080	20.955	ug/l	98
79) tert-butylbenzene	13.435	119	137558	21.431	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	168002	21.504	ug/l	99
81) sec-Butylbenzene	13.612	105	199871	21.568	ug/l	99
82) p-Isopropyltoluene	13.723	119	164693	21.580	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	89091	21.022	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	84756	20.671	ug/l	100
85) n-Butylbenzene	14.053	91	139177	21.123	ug/l	99
86) Hexachloroethane	14.329	117	32446	19.803	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	86991	21.606	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10638	17.862	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	39049	20.471	ug/l	99
90) Hexachlorobutadiene	15.494	225	20609	21.675	ug/l	95
91) Naphthalene	15.635	128	115209	18.798	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	39049	20.471	ug/l	99

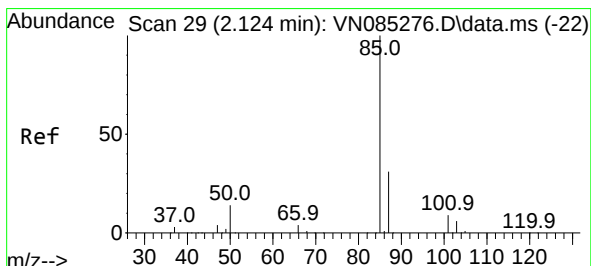
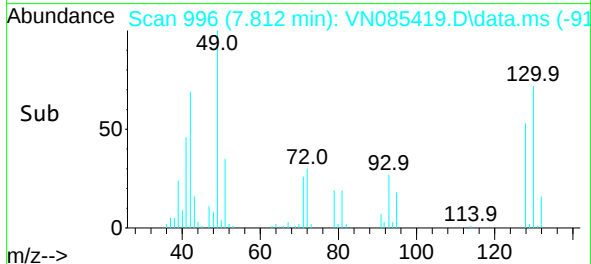
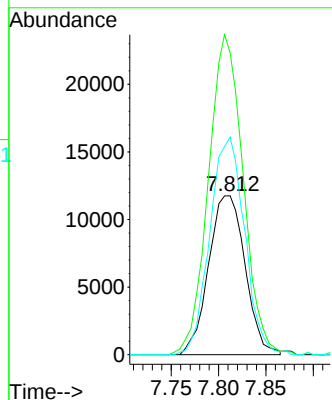
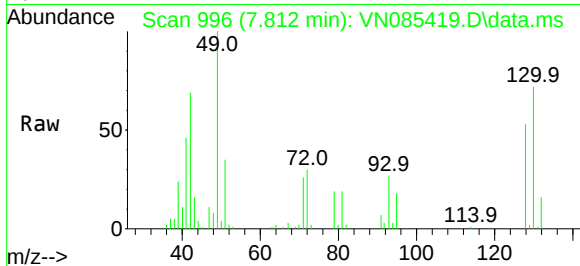
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

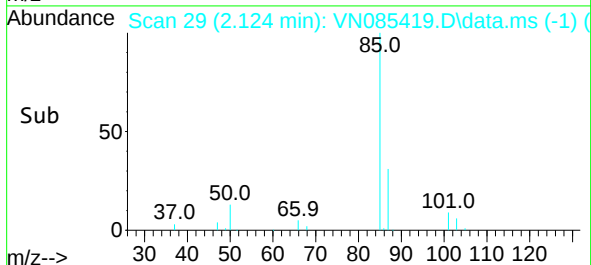
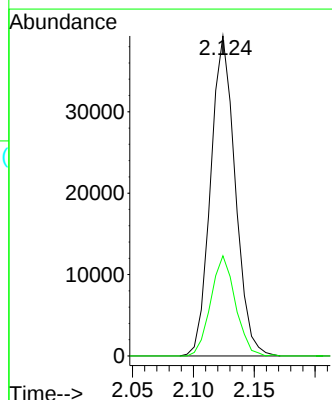
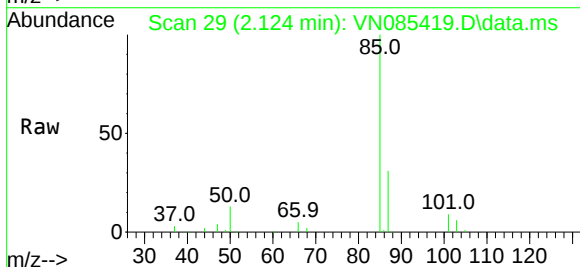
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

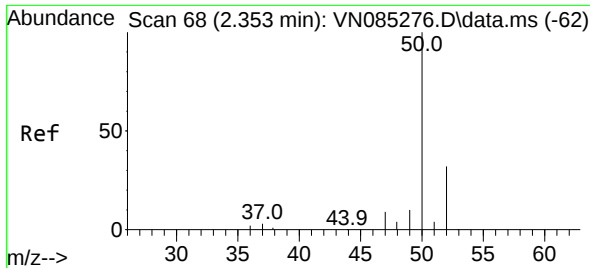
Tgt Ion:128 Resp: 31512
Ion Ratio Lower Upper
128 100
49 190.7 0.0 497.8
130 130.2 0.0 328.5



#2
Dichlorodifluoromethane
Concen: 20.955 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 85 Resp: 55214
Ion Ratio Lower Upper
85 100
87 31.3 16.5 49.5

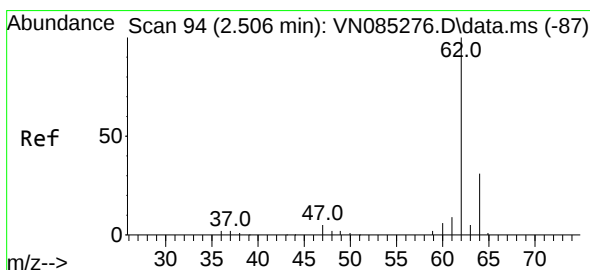
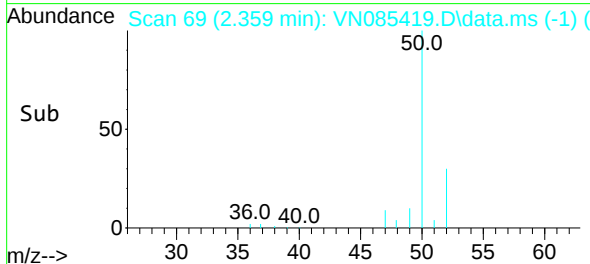
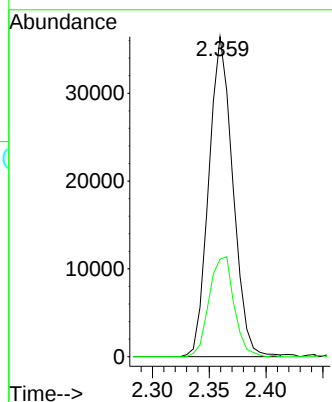
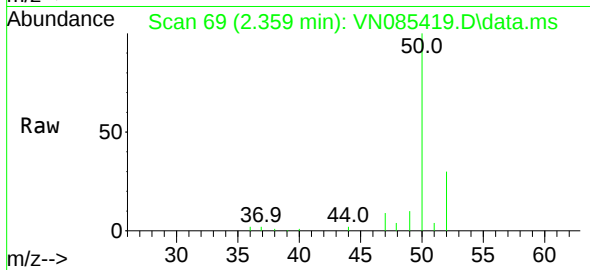




#3
Chloromethane
Concen: 20.203 ug/l
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

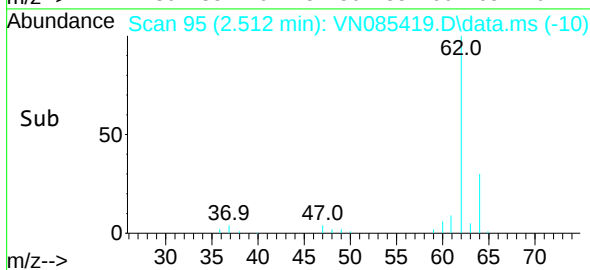
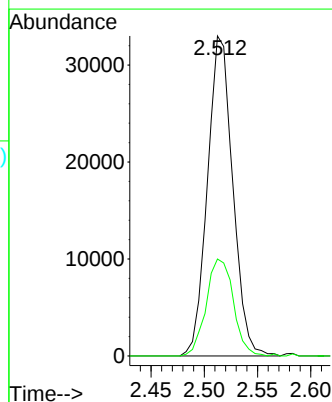
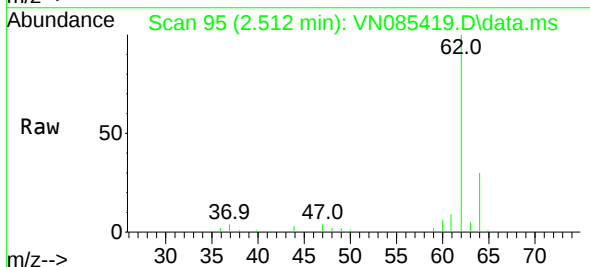
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

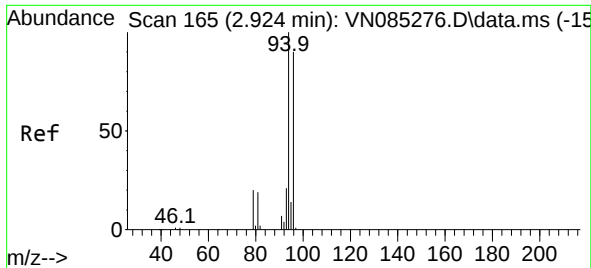
Tgt Ion: 50 Resp: 53746
Ion Ratio Lower Upper
50 100
52 30.5 26.5 39.7



#4
Vinyl Chloride
Concen: 20.180 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 62 Resp: 54510
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.4

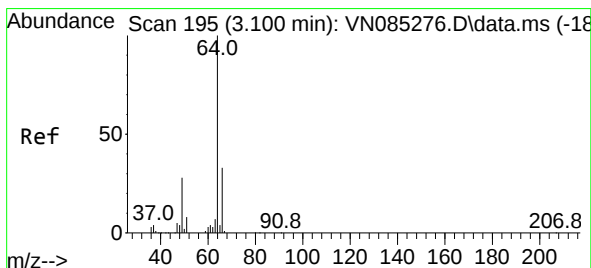
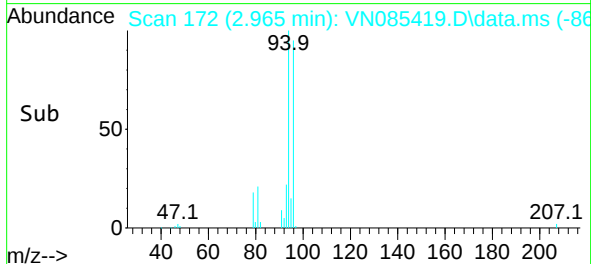
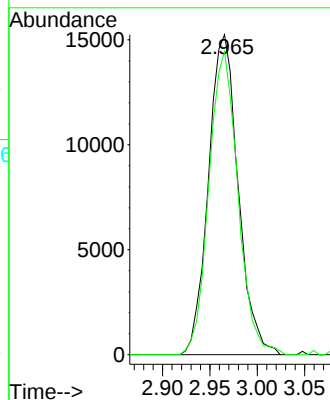
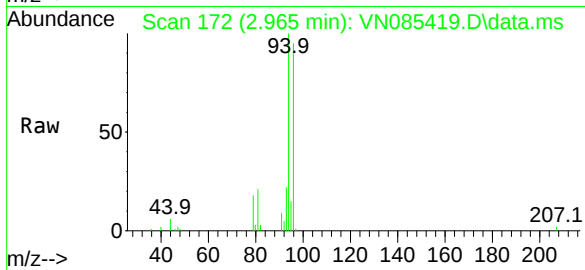




#5
Bromomethane
Concen: 21.025 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

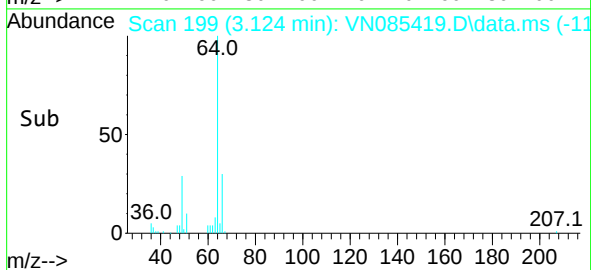
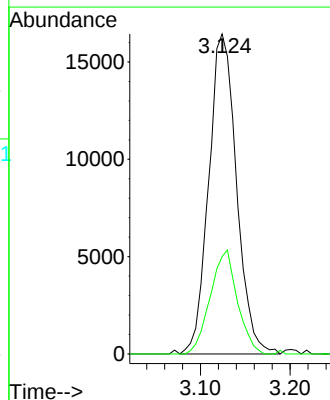
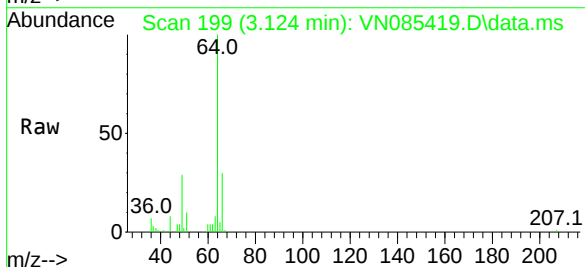
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ClientSampleId :
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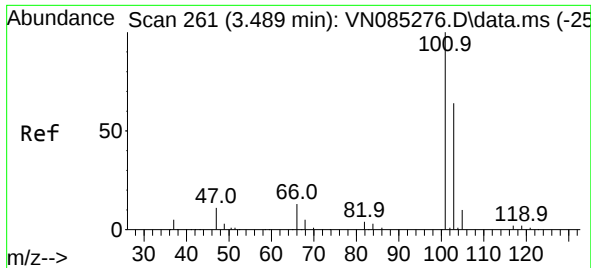
Tgt Ion: 94 Resp: 33201
Ion Ratio Lower Upper
94 100
96 94.7 75.6 113.4



#6
Chloroethane
Concen: 20.751 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 64 Resp: 35385
Ion Ratio Lower Upper
64 100
66 30.4 22.2 33.4

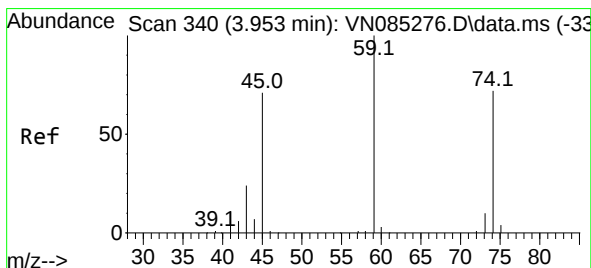
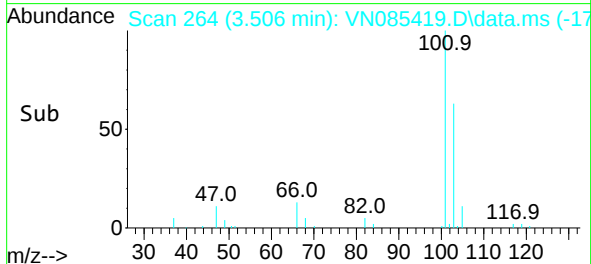
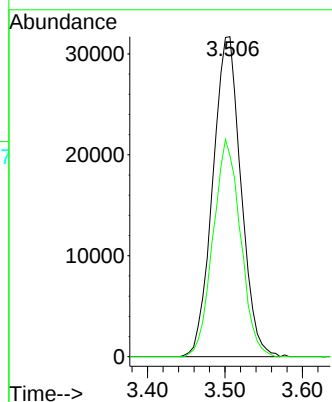
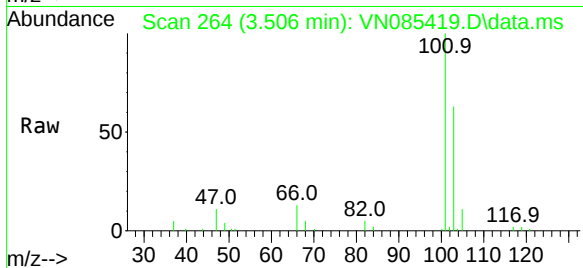




#7
 Trichlorofluoromethane
 Concen: 21.665 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085419.D
 Acq: 10 Jan 2025 11:33

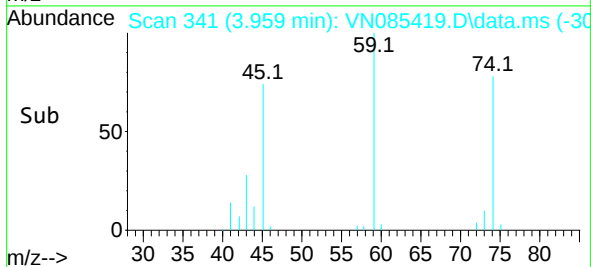
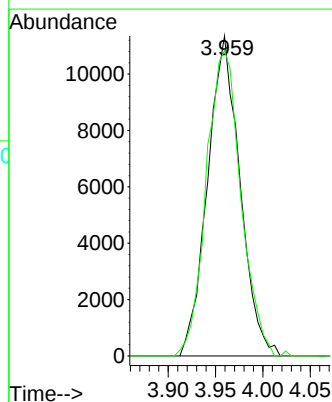
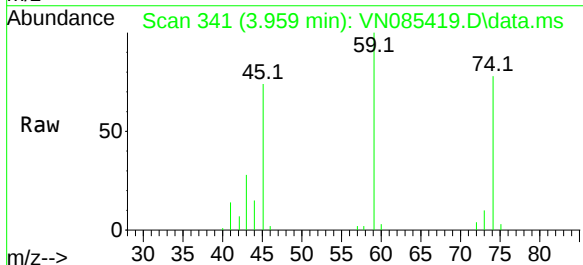
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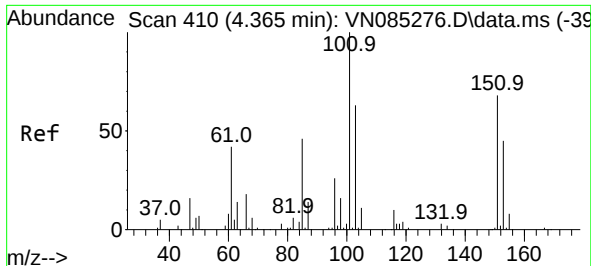
Tgt Ion:101 Resp: 80400
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.6 78.8



#8
 Diethyl Ether
 Concen: 21.121 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085419.D
 Acq: 10 Jan 2025 11:33

Tgt Ion: 74 Resp: 26994
 Ion Ratio Lower Upper
 74 100
 45 101.6 20.8 187.6

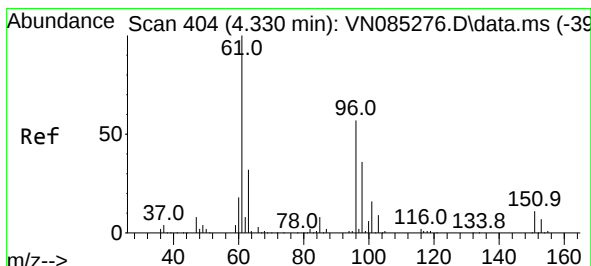
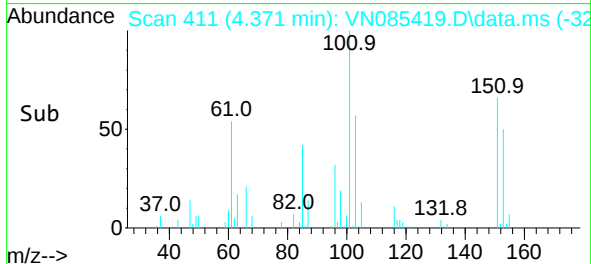
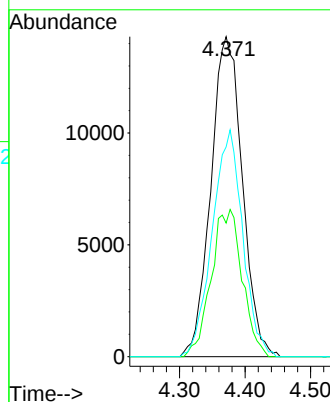
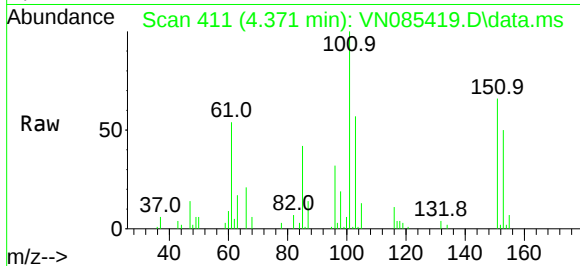




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.380 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

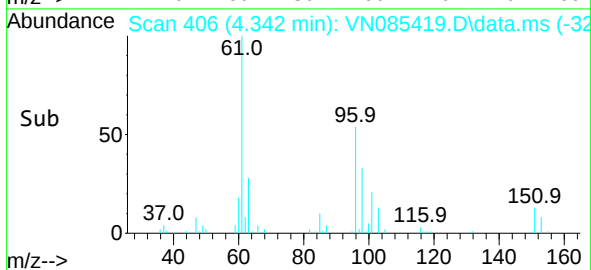
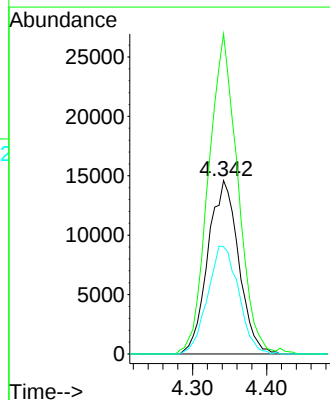
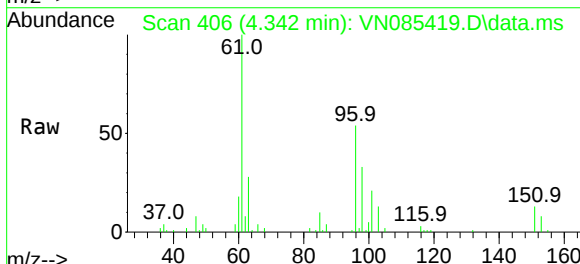
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

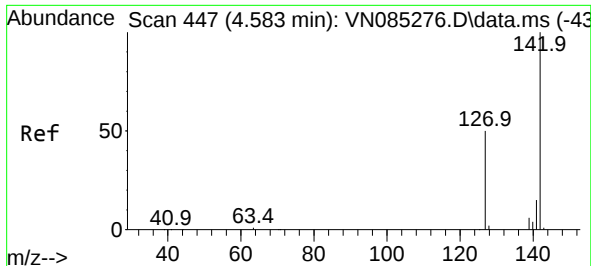
Tgt Ion:101 Resp: 47692
Ion Ratio Lower Upper
101 100
85 24.2 0.0 96.6
151 68.8 0.0 147.4



#10
1,1-Dichloroethene
Concen: 21.614 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

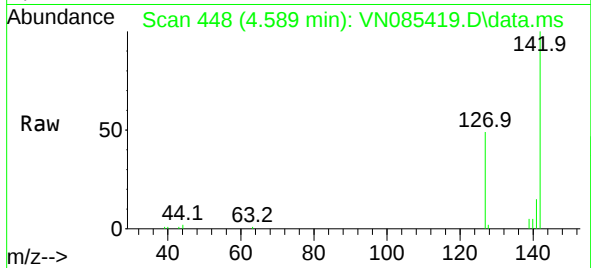
Tgt Ion: 96 Resp: 42076
Ion Ratio Lower Upper
96 100
61 182.4 145.9 218.9
98 61.8 51.9 77.9



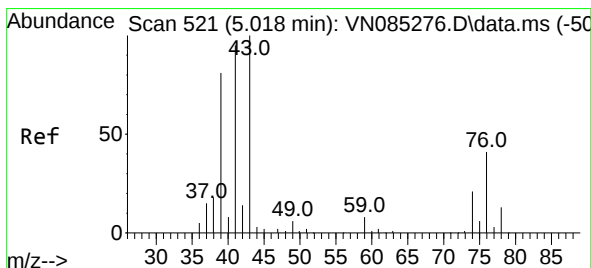
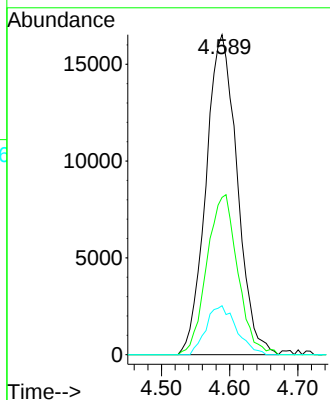
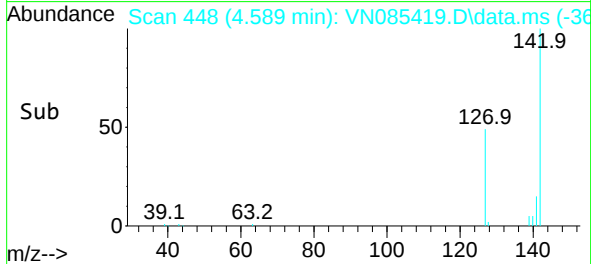


#11
Methyl Iodide
Concen: 22.564 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

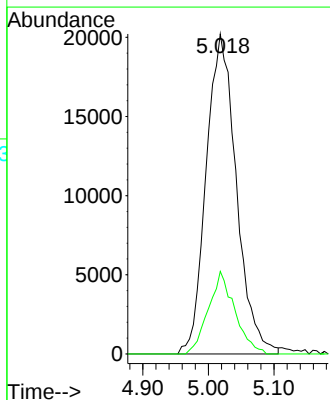
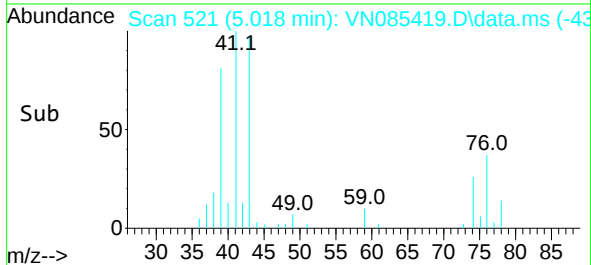
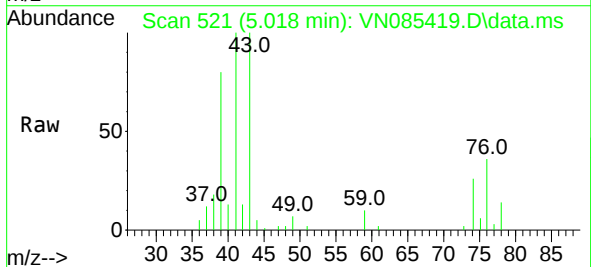


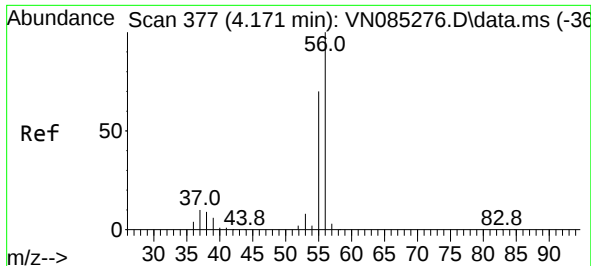
Tgt Ion:142 Resp: 52645
Ion Ratio Lower Upper
142 100
127 49.2 25.1 75.4
141 15.3 6.9 20.7



#12
Methyl Acetate
Concen: 22.247 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 43 Resp: 64678
Ion Ratio Lower Upper
43 100
74 26.0 20.5 30.7

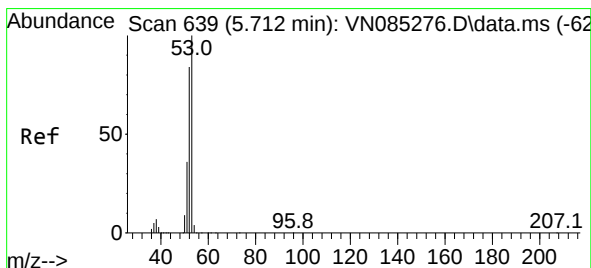
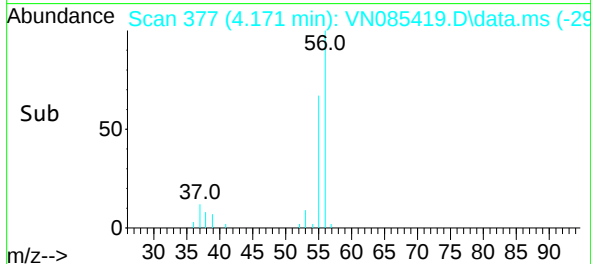
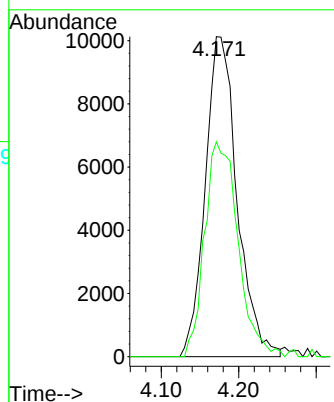
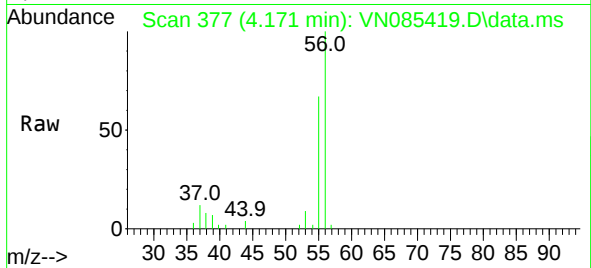




#13
Acrolein
Concen: 111.678 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

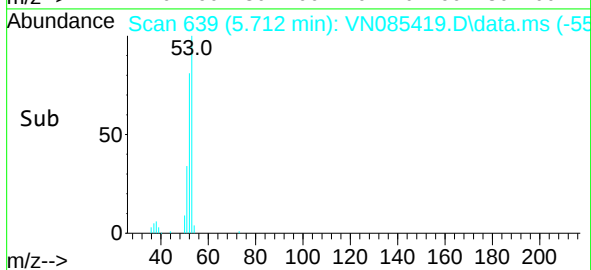
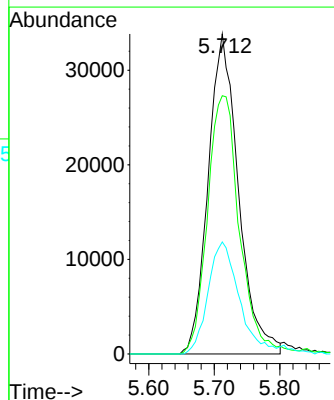
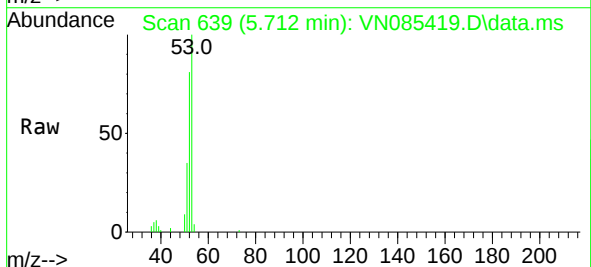
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

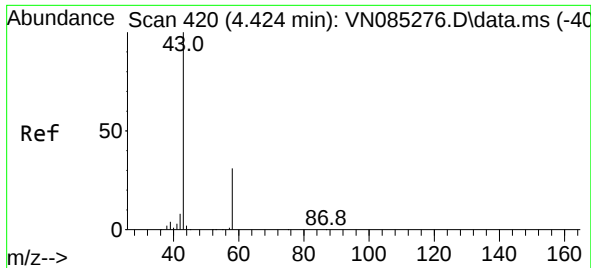
Tgt Ion: 56 Resp: 28984
Ion Ratio Lower Upper
56 100
55 44.8 56.8 85.2#



#14
Acrylonitrile
Concen: 96.587 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 53 Resp: 108604
Ion Ratio Lower Upper
53 100
52 85.0 41.6 124.8
51 35.8 18.1 54.4

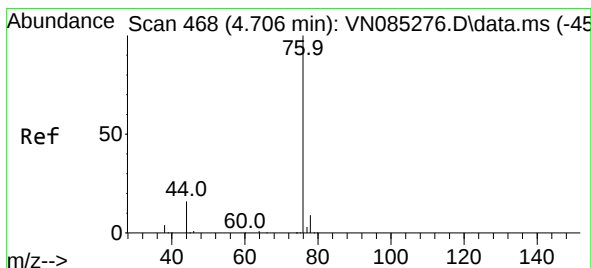
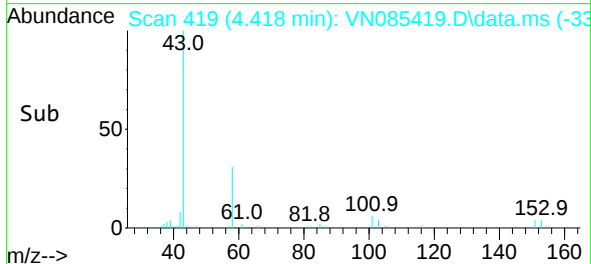
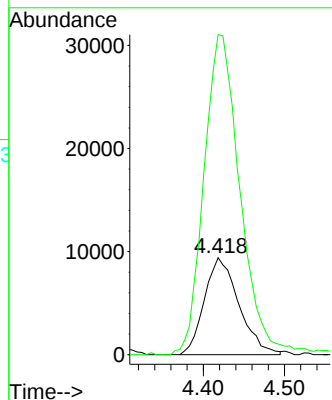
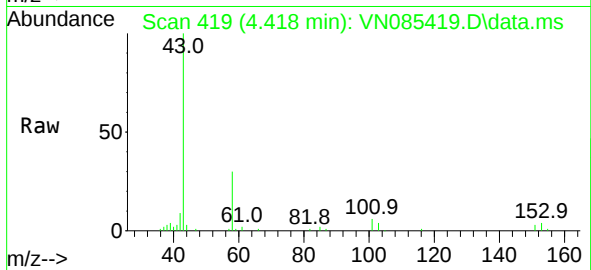




#15
Acetone
Concen: 98.360 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

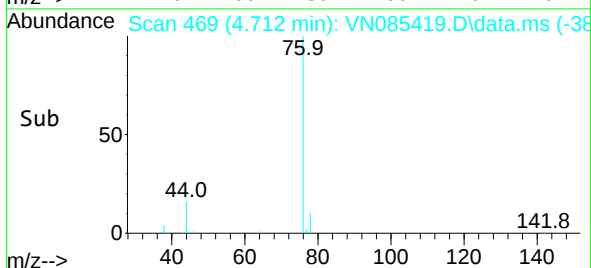
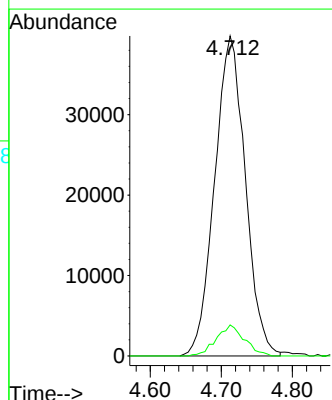
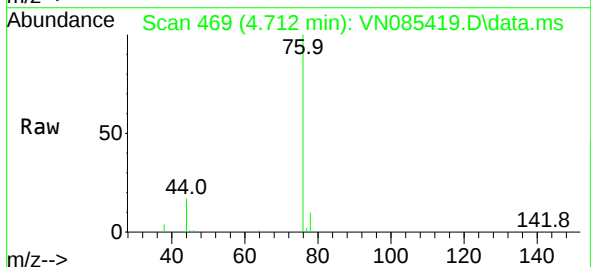
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

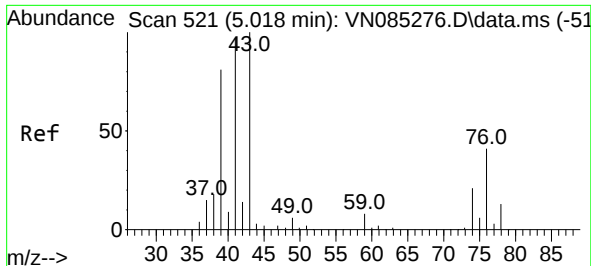
Tgt Ion: 58 Resp: 27899
Ion Ratio Lower Upper
58 100
43 324.7 258.8 388.2



#16
Carbon Disulfide
Concen: 20.158 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 76 Resp: 119284
Ion Ratio Lower Upper
76 100
78 9.7 6.6 9.8

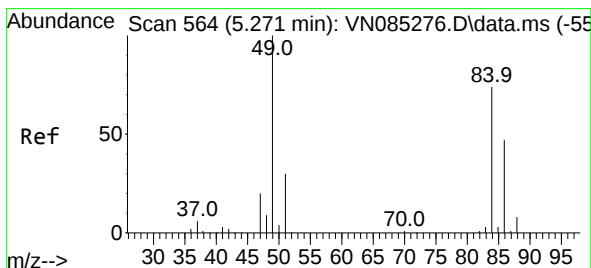
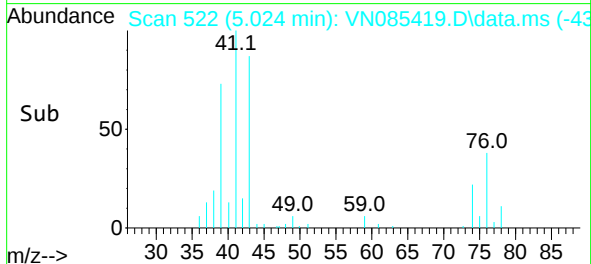
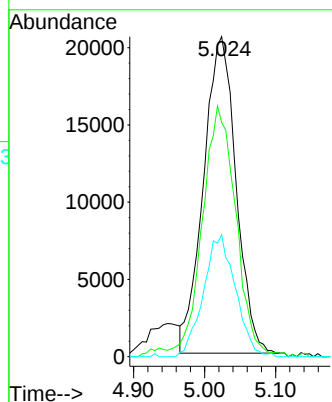
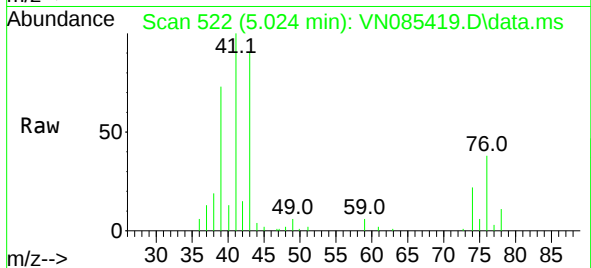




#17
Allyl chloride
Concen: 20.731 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

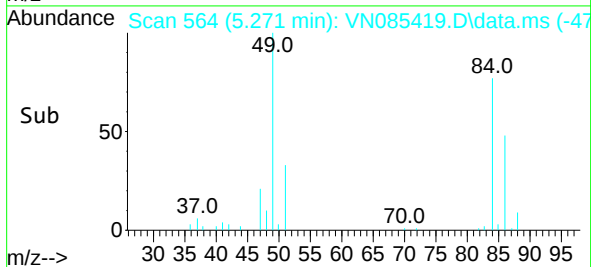
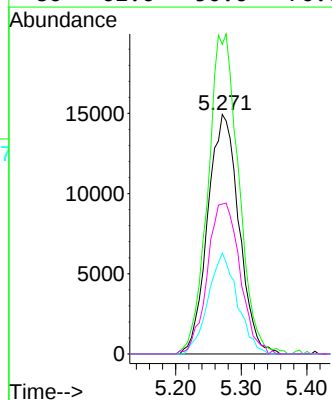
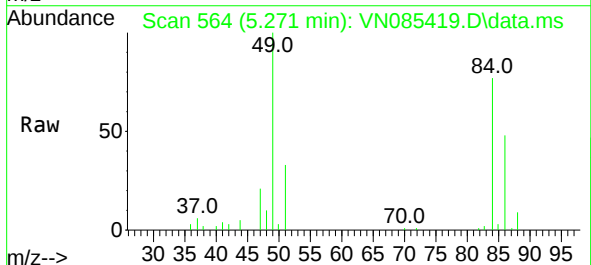
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

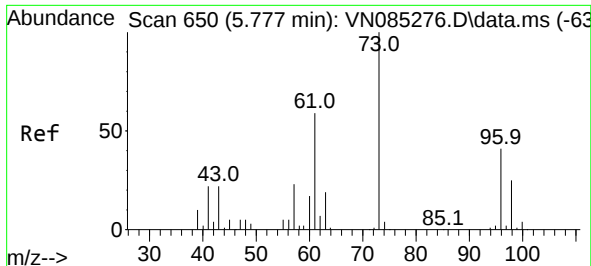
Tgt Ion: 41 Resp: 65284
Ion Ratio Lower Upper
41 100
39 73.0 41.3 124.1
76 38.5 19.5 58.5



#18
Methylene Chloride
Concen: 21.258 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 84 Resp: 49314
Ion Ratio Lower Upper
84 100
49 128.0 104.9 157.3
51 42.1 30.2 45.4
86 62.6 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 21.508 ug/l

RT: 5.783 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

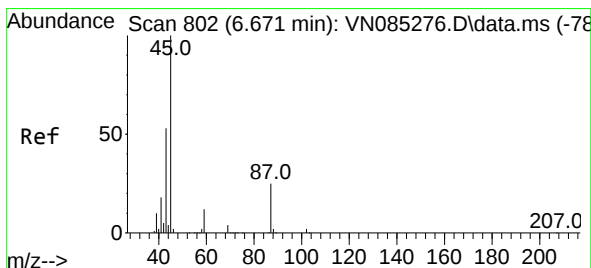
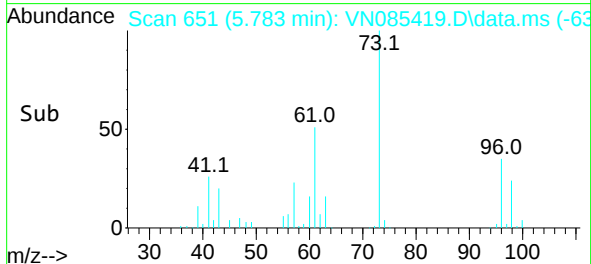
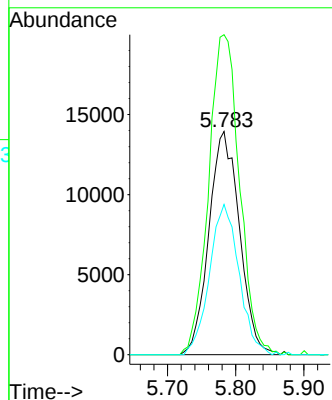
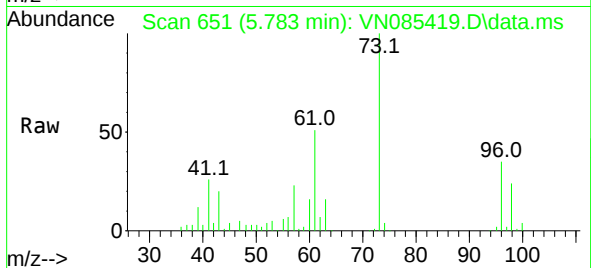
Tgt Ion: 96 Resp: 43549

Ion Ratio Lower Upper

96 100

61 143.4 124.2 186.4

98 67.3 51.0 76.4



#20

Diisopropyl ether

Concen: 21.496 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Tgt Ion: 45 Resp: 155139

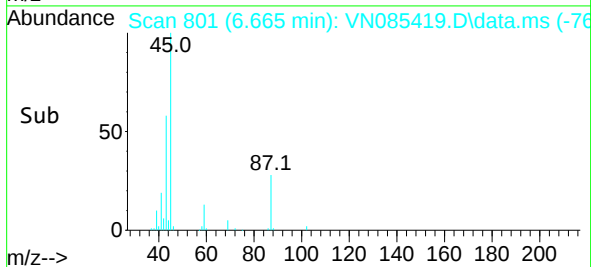
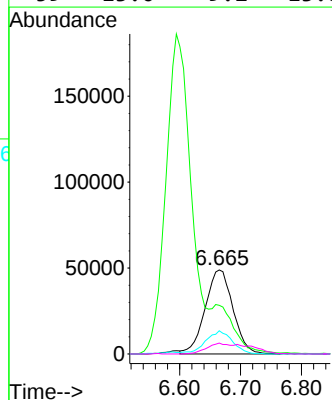
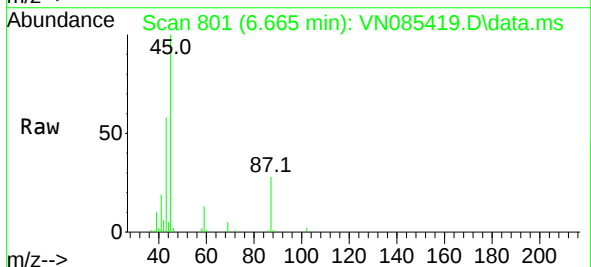
Ion Ratio Lower Upper

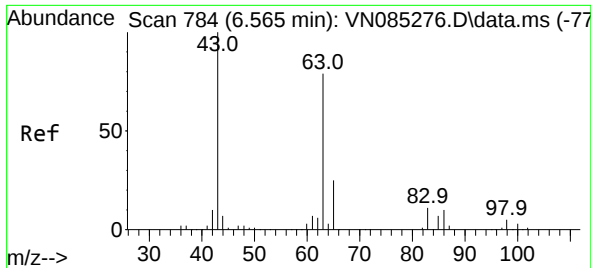
45 100

43 56.8 46.6 69.8

87 27.6 22.3 33.5

59 13.0 9.2 13.8

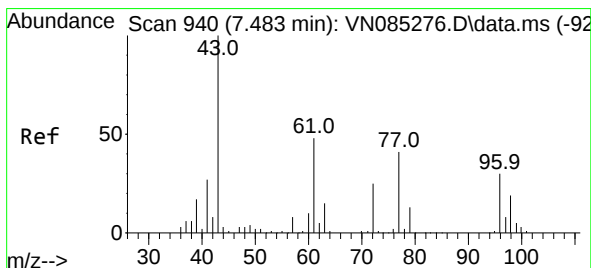
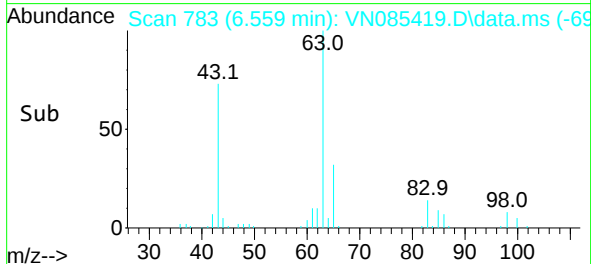
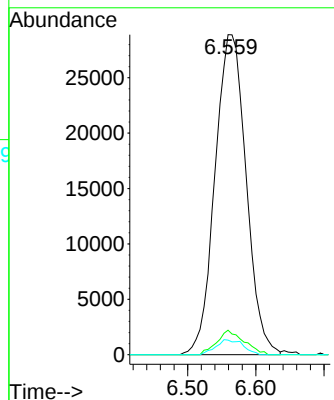
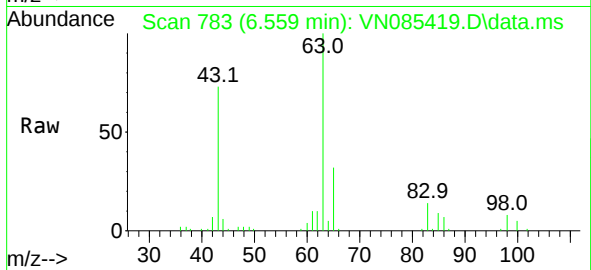




#21
1,1-Dichloroethane
Concen: 21.784 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

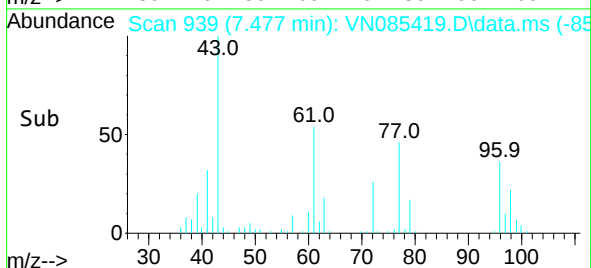
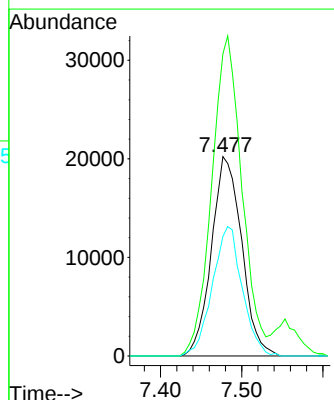
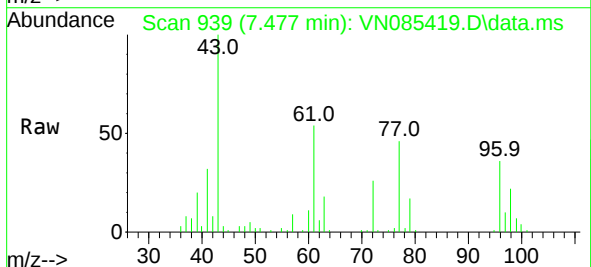
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

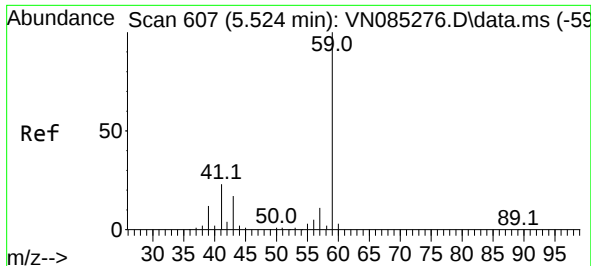
Tgt Ion: 63 Resp: 91911
Ion Ratio Lower Upper
63 100
98 7.7 2.4 7.1#
100 4.6 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 21.706 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 96 Resp: 52335
Ion Ratio Lower Upper
96 100
61 159.7 128.1 192.1
98 64.3 52.7 79.1

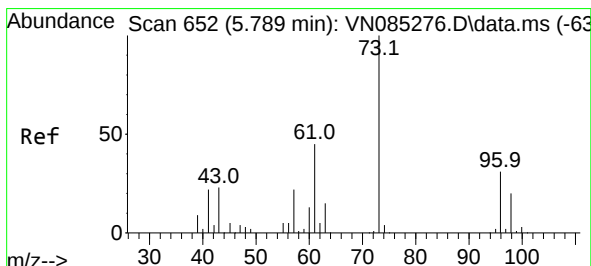
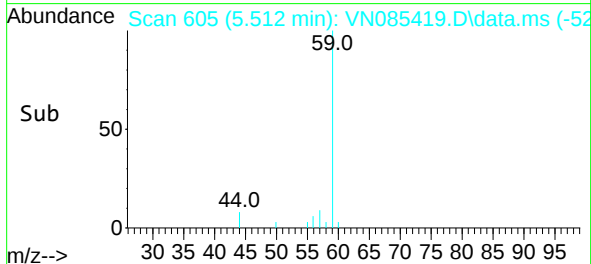
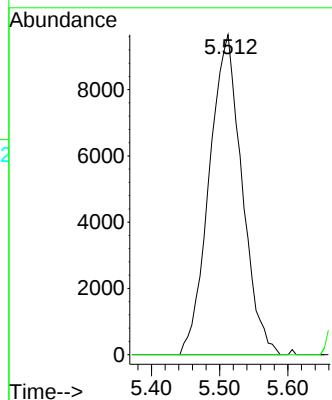
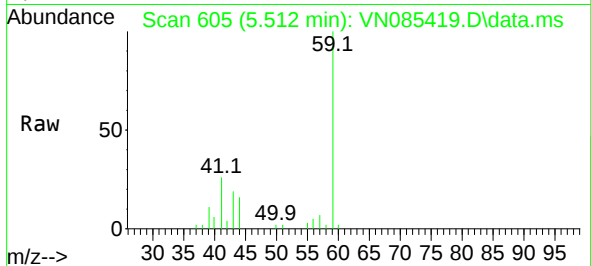




#23
tert-Butyl Alcohol
Concen: 87.128 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

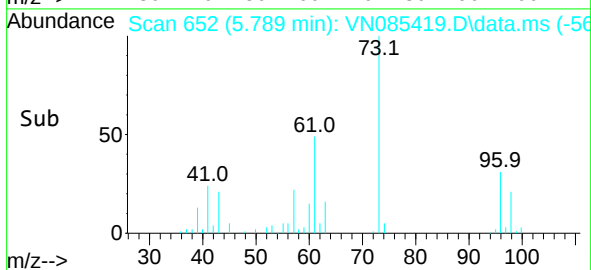
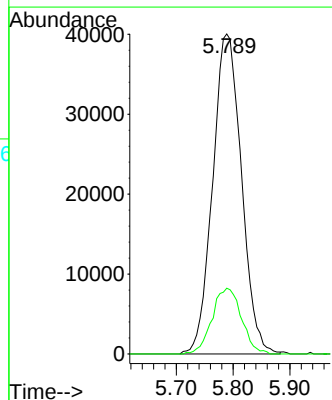
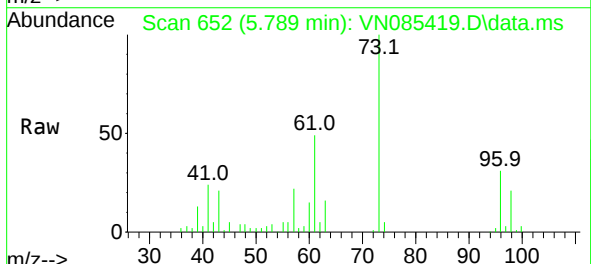
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

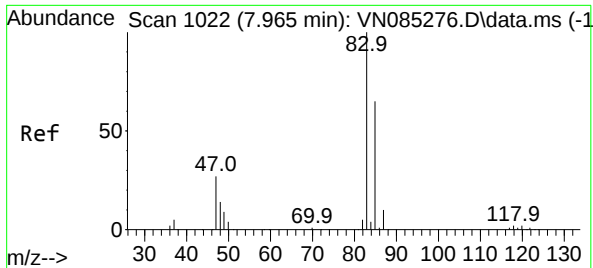
Tgt Ion: 59 Resp: 32287
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 22.059 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.012 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 73 Resp: 140947
Ion Ratio Lower Upper
73 100
43 21.0 18.6 27.8

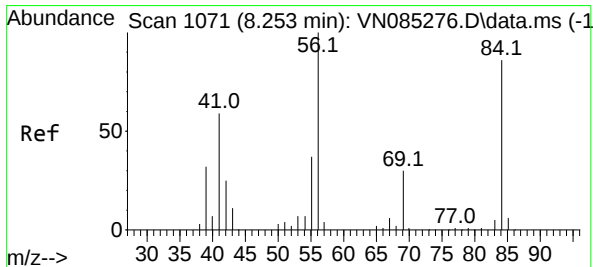
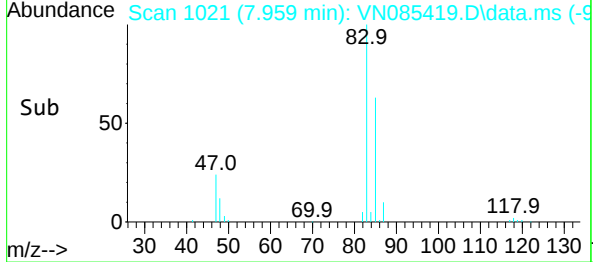
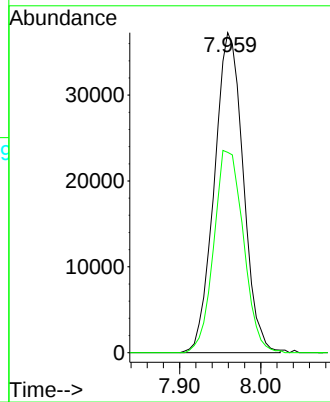
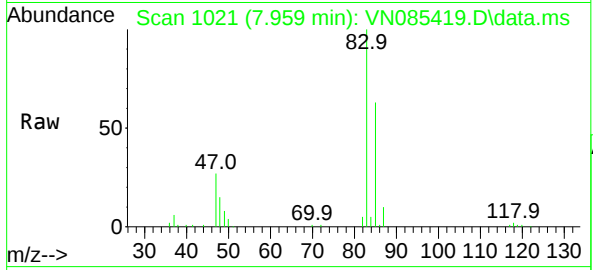




#25
Chloroform
Concen: 21.581 ug/l
RT: 7.959 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

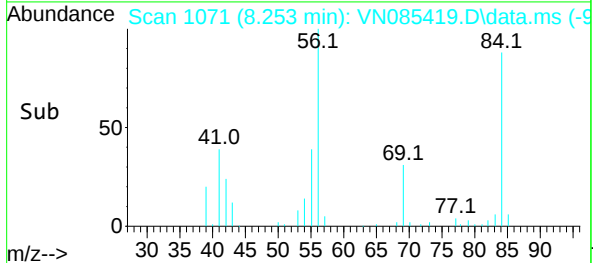
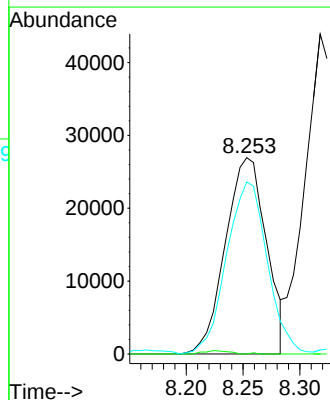
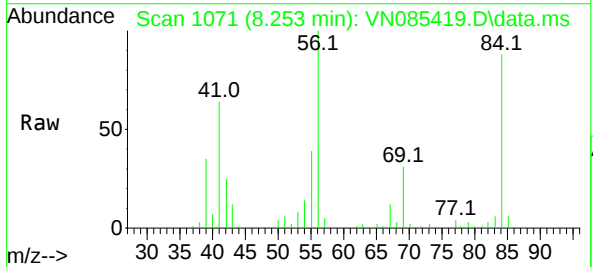
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

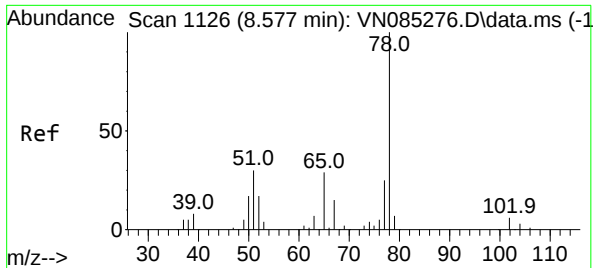
Tgt Ion: 83 Resp: 92301
Ion Ratio Lower Upper
83 100
85 62.6 52.0 78.0



#26
Cyclohexane
Concen: 21.005 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 56 Resp: 67571
Ion Ratio Lower Upper
56 100
89 1.0 0.0 0.0#
84 87.3 67.6 101.4

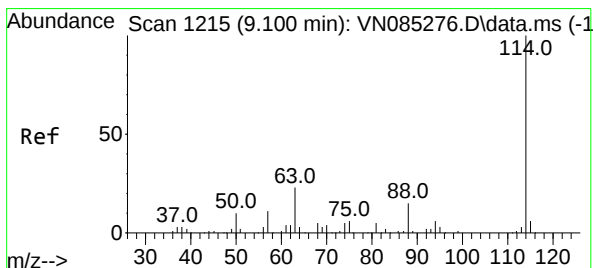
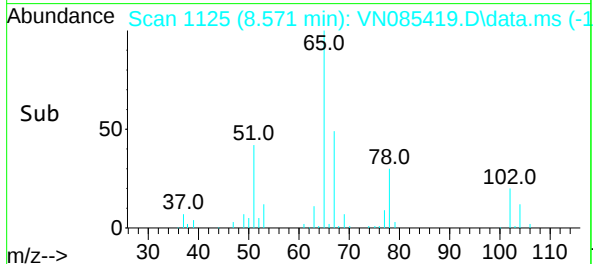
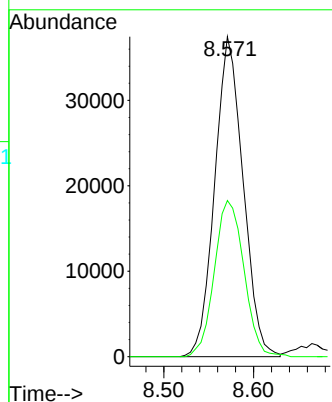
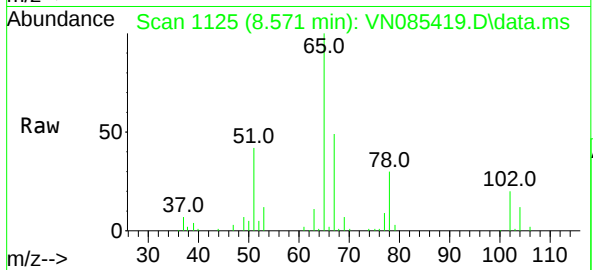




#27
 1,2-Dichloroethane-d4
 Concen: 29.620 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VN085419.D
 Acq: 10 Jan 2025 11:33

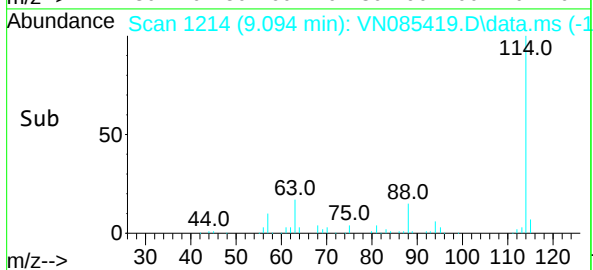
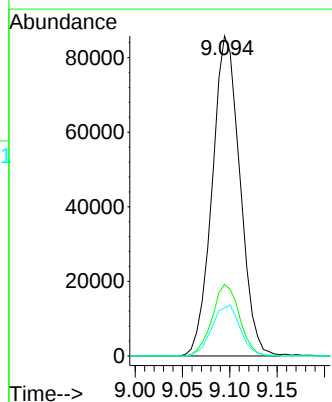
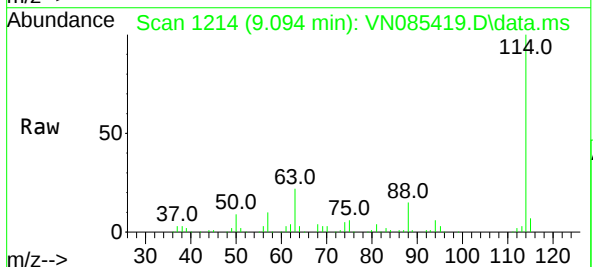
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

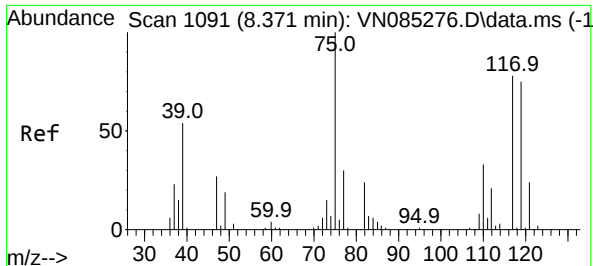
Tgt Ion: 65 Resp: 82108
 Ion Ratio Lower Upper
 65 100
 67 51.0 42.0 63.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN085419.D
 Acq: 10 Jan 2025 11:33

Tgt Ion: 114 Resp: 174744
 Ion Ratio Lower Upper
 114 100
 63 22.0 18.0 27.0
 88 16.2 12.9 19.3





#29

1,1-Dichloropropene

Concen: 20.805 ug/l

RT: 8.365 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

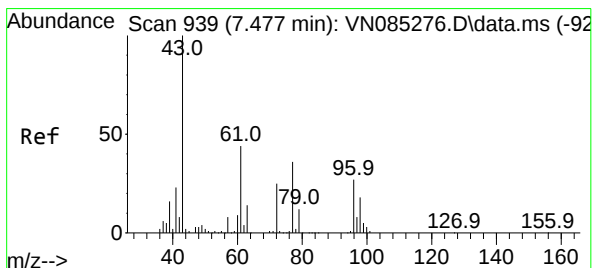
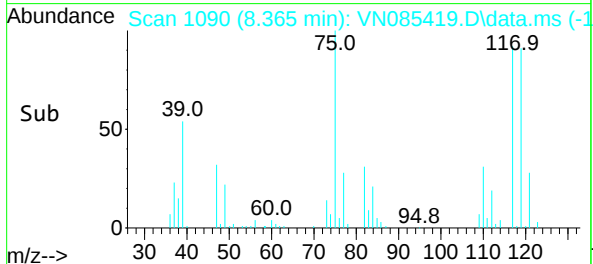
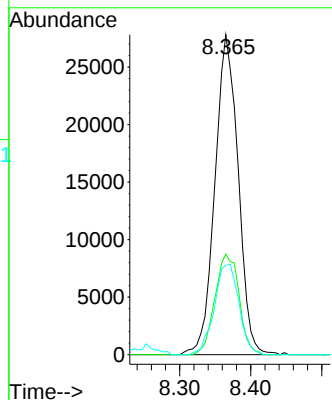
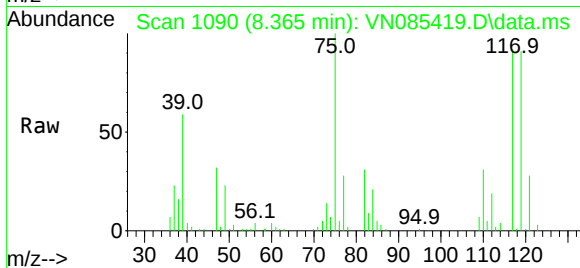
Tgt Ion: 75 Resp: 63120

Ion Ratio Lower Upper

75 100

110 32.6 0.0 64.8

77 30.0 0.0 60.8



#30

2-Butanone

Concen: 88.920 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.000 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

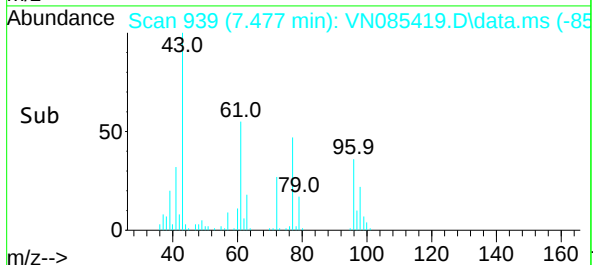
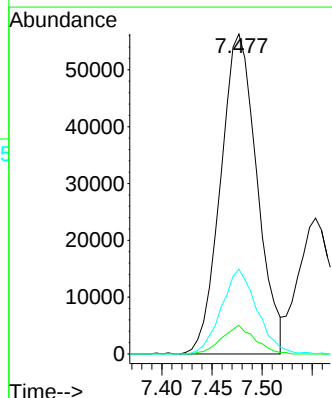
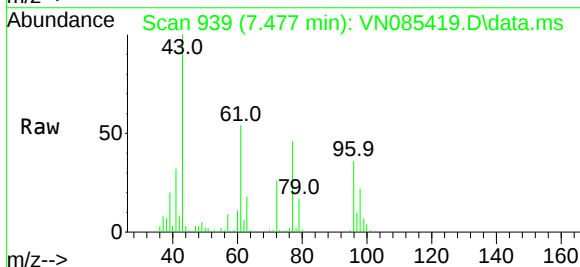
Tgt Ion: 43 Resp: 142404

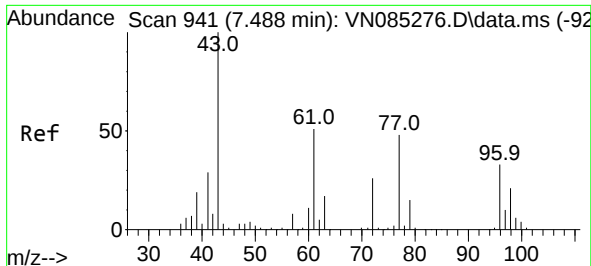
Ion Ratio Lower Upper

43 100

57 8.1 6.2 9.2

72 25.8 19.9 29.9





#31

2,2-Dichloropropane

Concen: 21.027 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

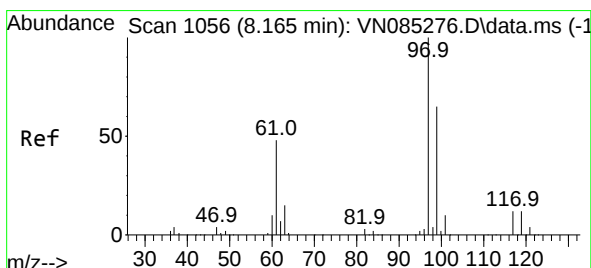
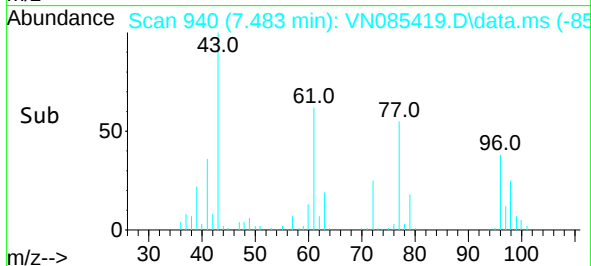
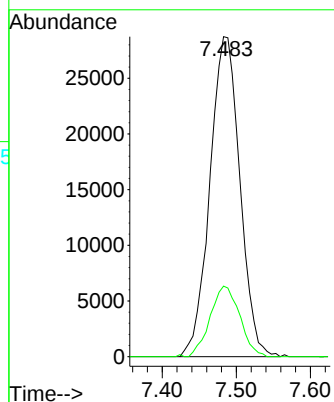
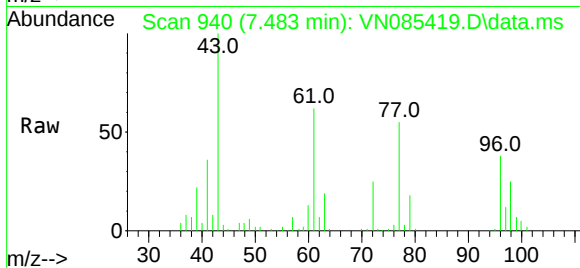
VN0110WBS01

Tgt Ion: 77 Resp: 80838

Ion Ratio Lower Upper

77 100

97 21.7 16.9 25.3



#32

1,1,1-Trichloroethane

Concen: 20.269 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

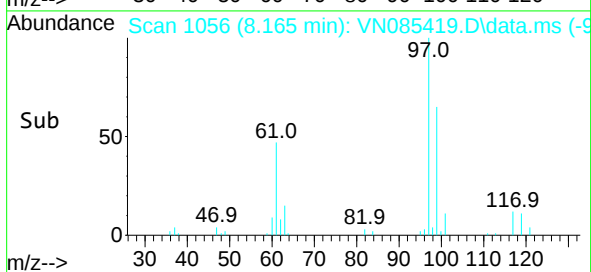
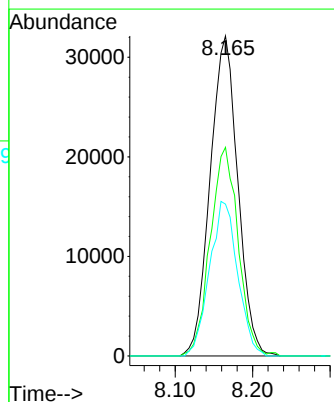
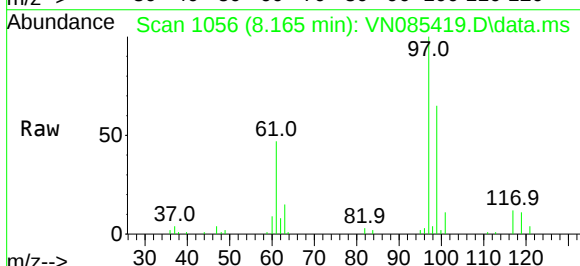
Tgt Ion: 97 Resp: 79941

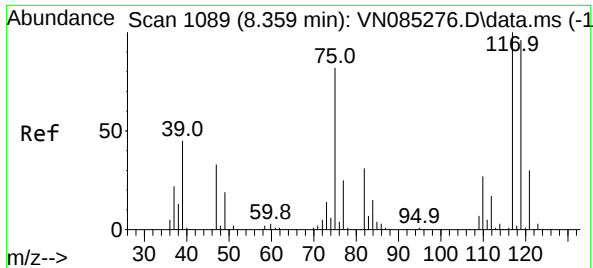
Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.2

61 49.0 39.8 59.8

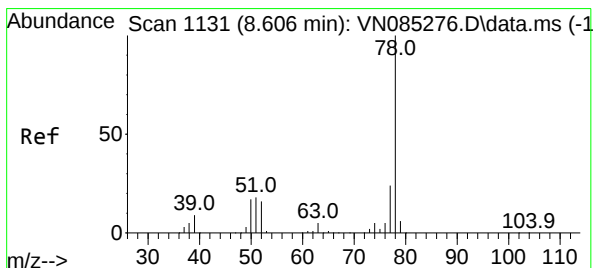
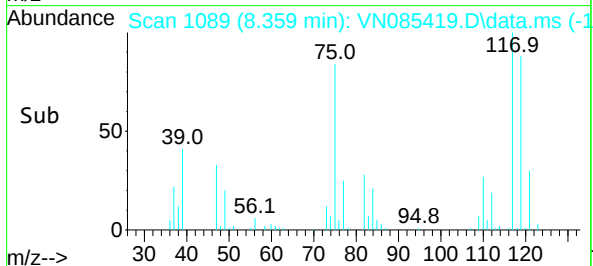
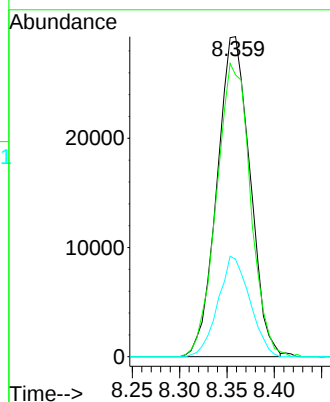
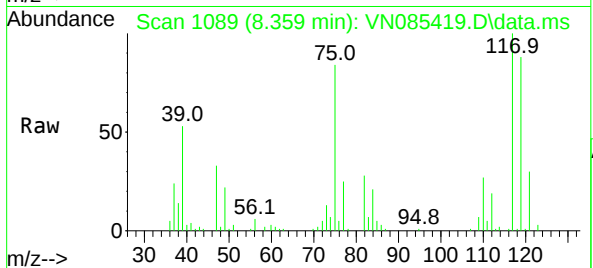




#33
Carbon Tetrachloride
Concen: 20.581 ug/l
RT: 8.359 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

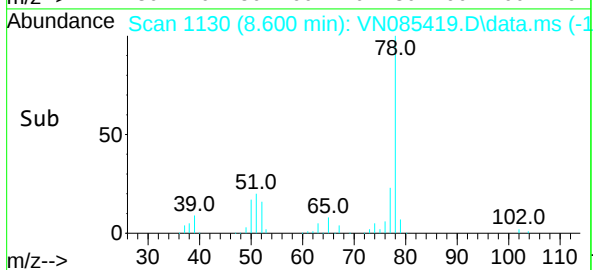
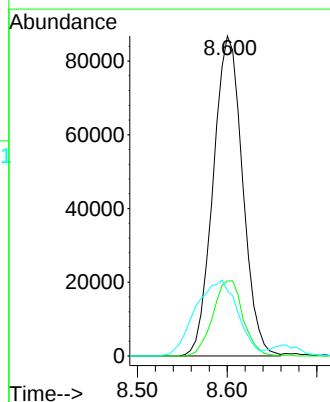
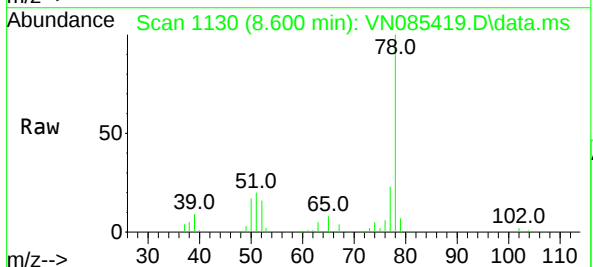
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

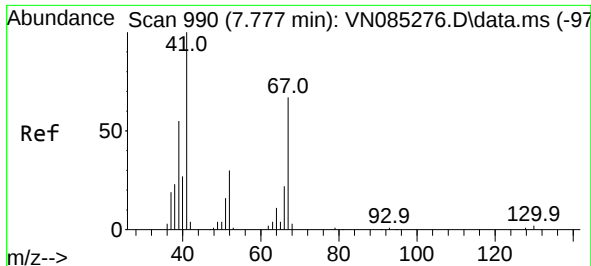
Tgt Ion:	117	Resp:	71059
Ion	Ratio	Lower	Upper
117	100		
119	88.1	71.6	107.4
121	30.4	23.5	35.3



#34
Benzene
Concen: 20.605 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion:	78	Resp:	197604
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9
51	17.2	14.6	21.8

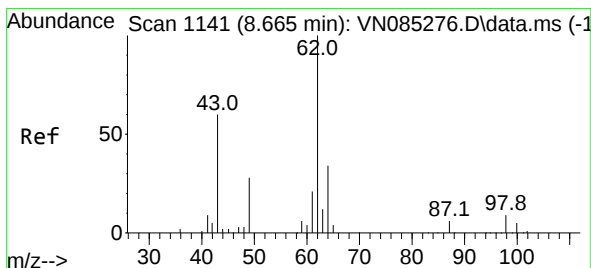
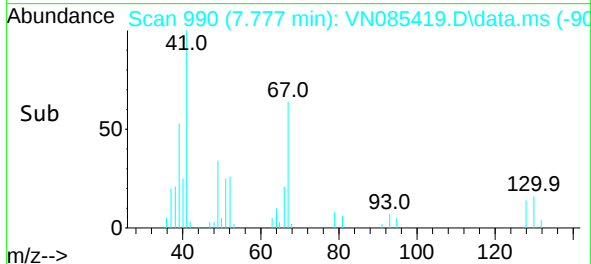
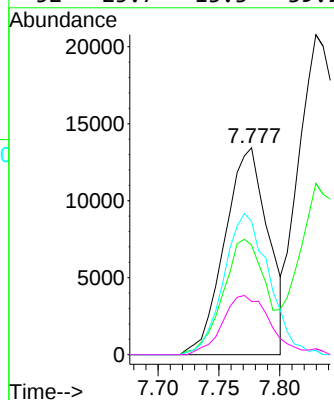
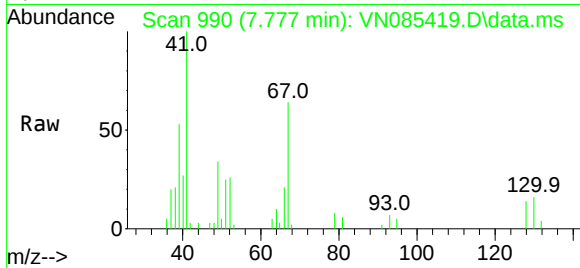




#35
Methacrylonitrile
Concen: 18.829 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

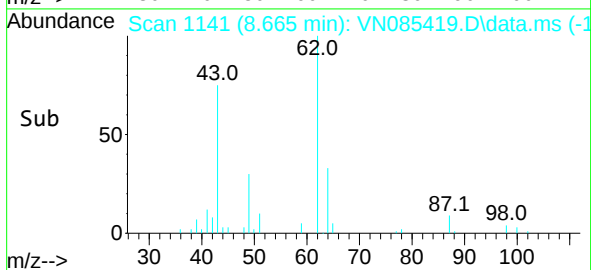
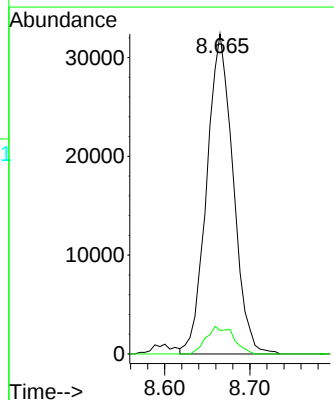
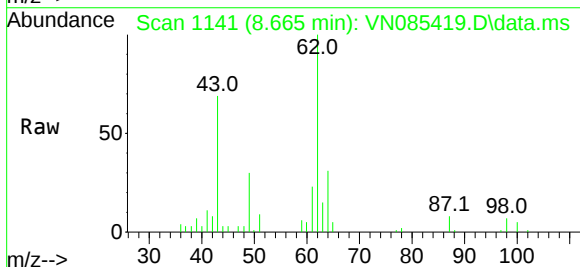
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

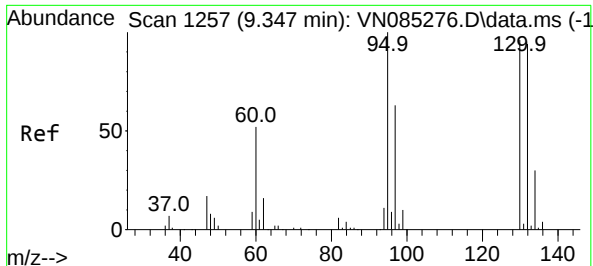
Tgt Ion: 41	Resp: 33380
Ion Ratio	Lower Upper
41 100	
39 53.0	26.7 80.0
67 64.5	32.5 97.5
52 25.7	13.3 39.9



#36
1,2-Dichloroethane
Concen: 20.065 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 62	Resp: 69584
Ion Ratio	Lower Upper
62 100	
98 5.0	6.6 10.0#

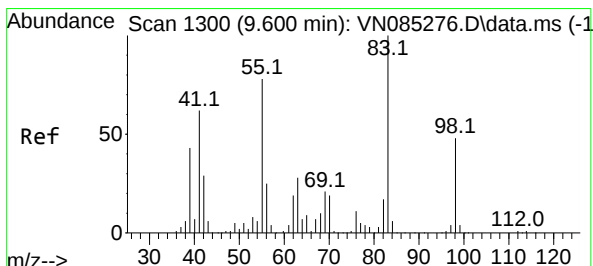
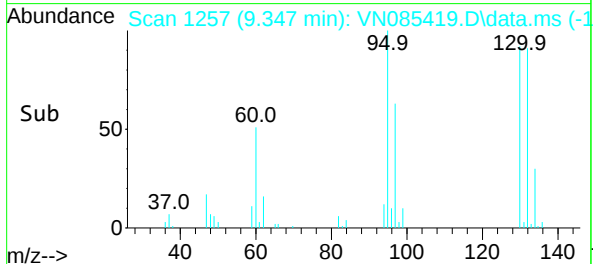
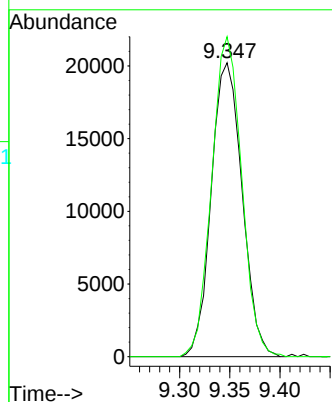
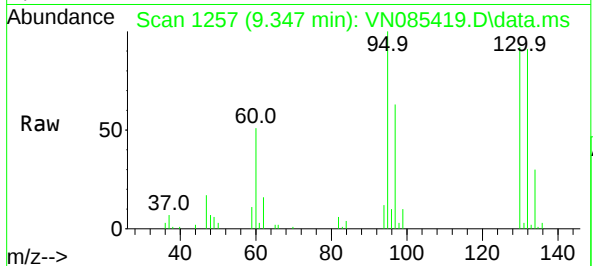




#37
Trichloroethene
Concen: 20.505 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

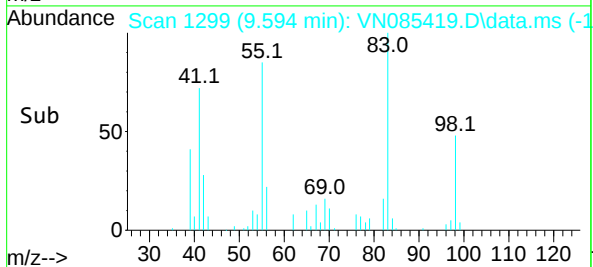
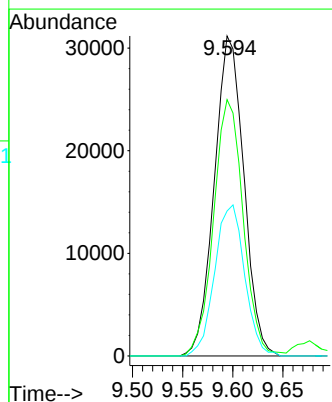
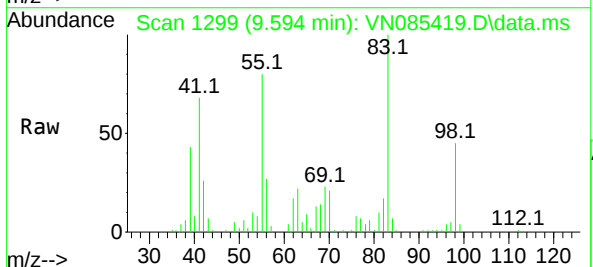
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

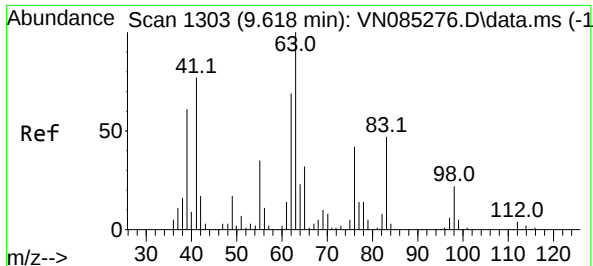
Tgt Ion:130 Resp: 43267
Ion Ratio Lower Upper
130 100
95 108.9 80.0 120.0



#38
Methylcyclohexane
Concen: 20.369 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 83 Resp: 63951
Ion Ratio Lower Upper
83 100
55 80.3 43.6 130.8
98 47.9 24.2 72.6





#39

1,2-Dichloropropane

Concen: 20.452 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

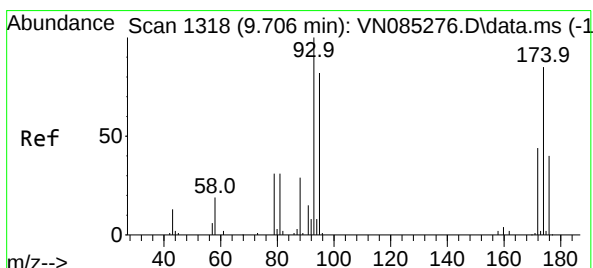
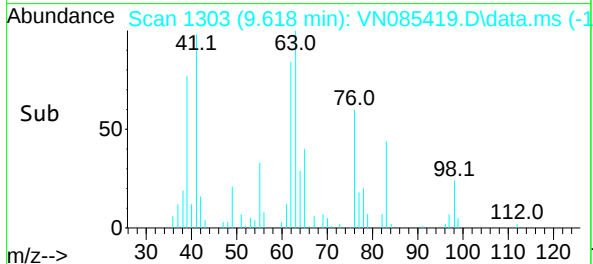
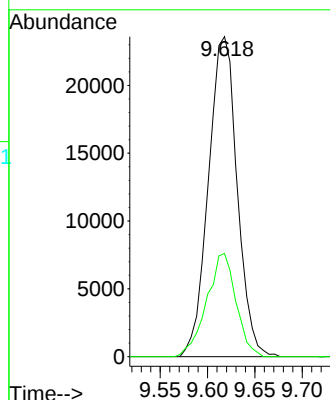
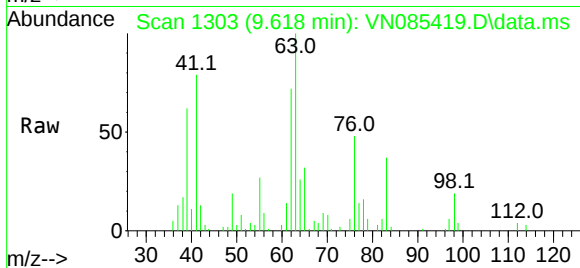
VN0110WBS01

Tgt Ion: 63 Resp: 49902

Ion Ratio Lower Upper

63 100

65 32.3 26.1 39.1



#40

Dibromomethane

Concen: 20.017 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

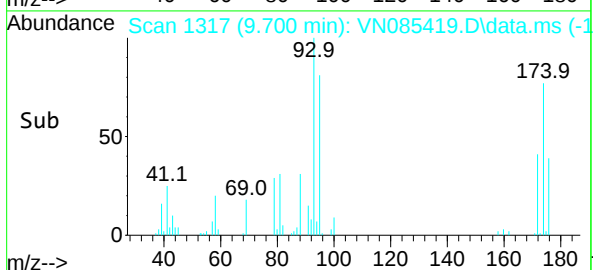
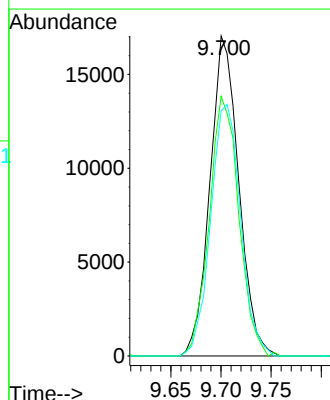
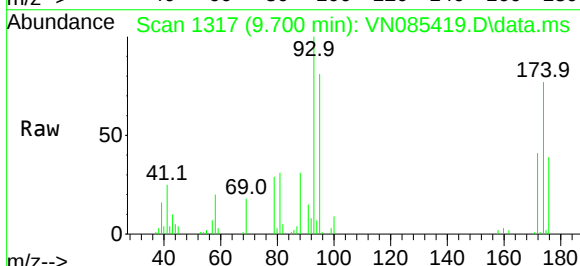
Tgt Ion: 93 Resp: 34052

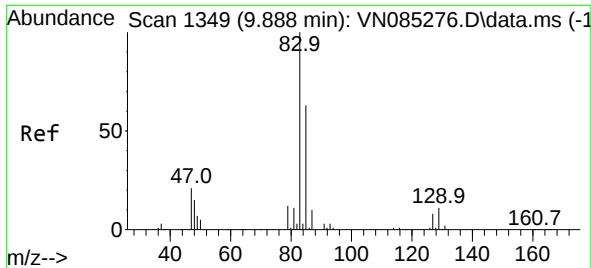
Ion Ratio Lower Upper

93 100

95 83.1 0.0 167.6

174 81.7 0.0 171.0

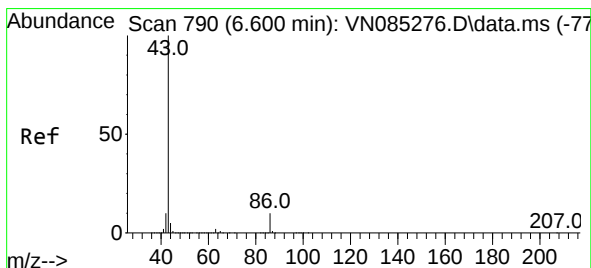
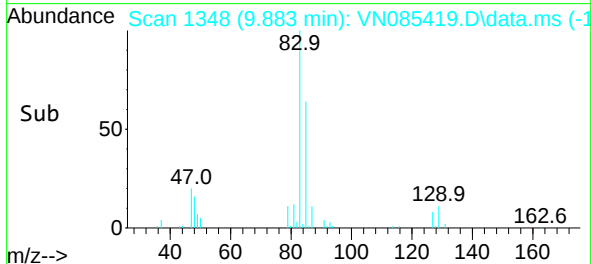
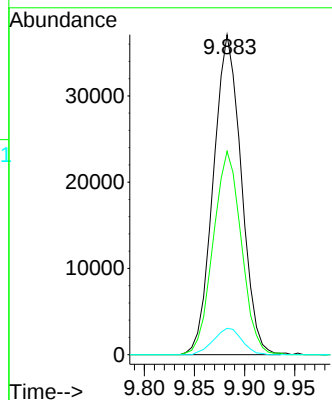
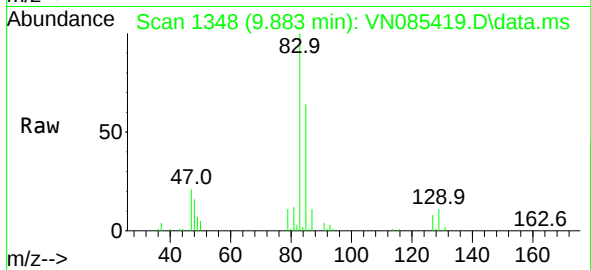




#41
Bromodichloromethane
Concen: 20.217 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

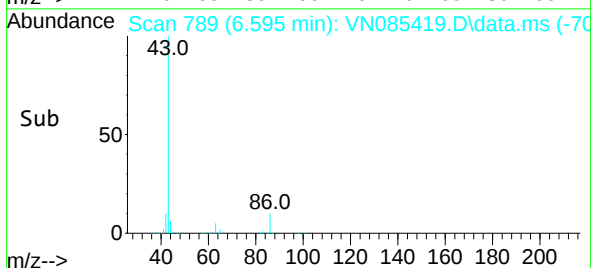
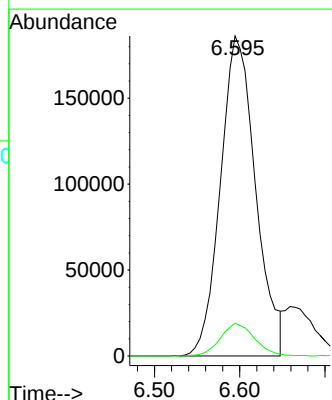
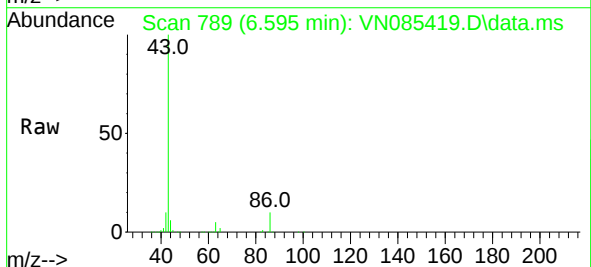
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

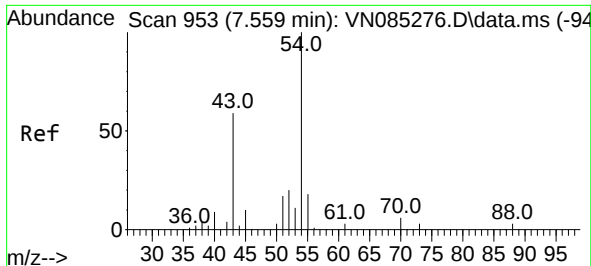
Tgt Ion: 83 Resp: 71873
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.2 5.8 8.6



#42
Vinyl Acetate
Concen: 94.580 ug/l
RT: 6.595 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 43 Resp: 534666
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9

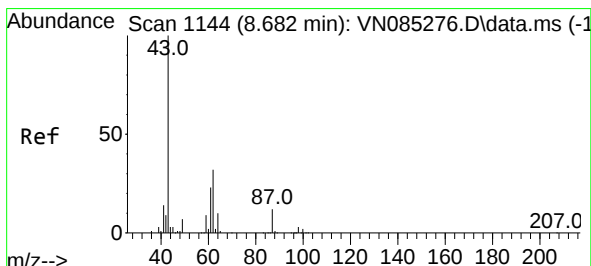
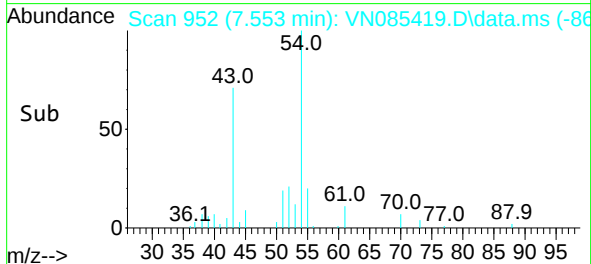
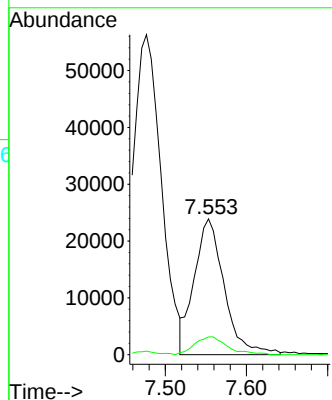
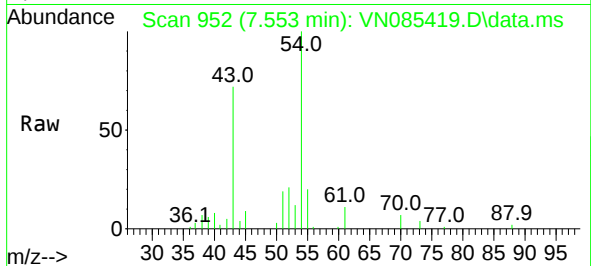




#43
Ethyl Acetate
Concen: 18.530 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

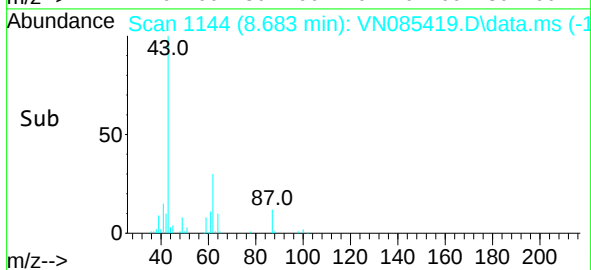
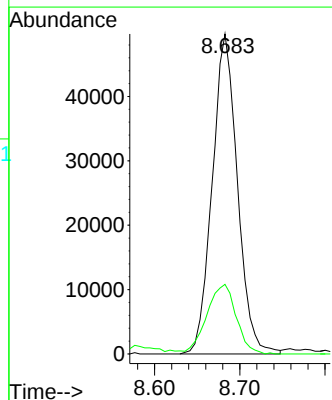
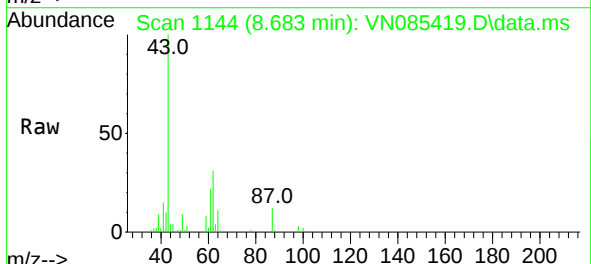
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

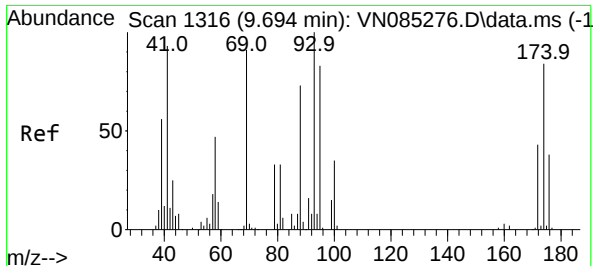
Tgt Ion: 43 Resp: 61368
Ion Ratio Lower Upper
43 100
45 13.1 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.599 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 43 Resp: 102325
Ion Ratio Lower Upper
43 100
61 25.2 19.7 29.5





#45

1,4-Dioxane

Concen: 334.335 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

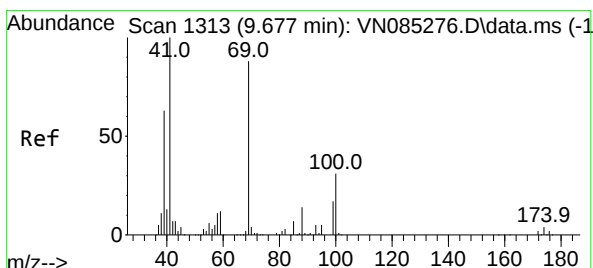
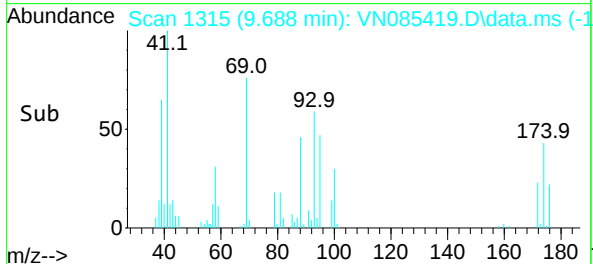
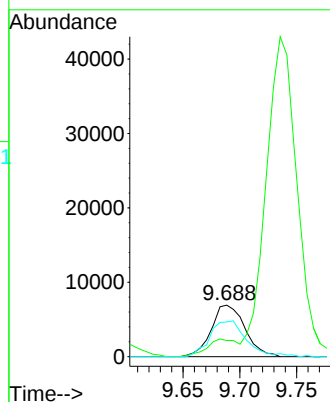
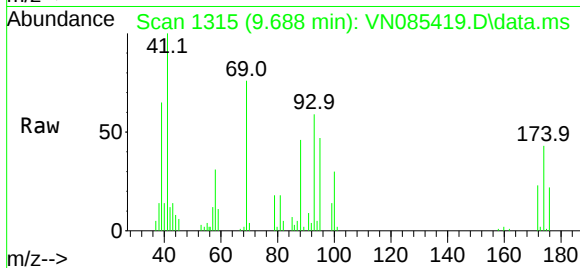
Tgt Ion: 88 Resp: 14307

Ion Ratio Lower Upper

88 100

43 31.4 25.4 38.2

58 73.2 58.5 87.7



#46

Methyl methacrylate

Concen: 18.744 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

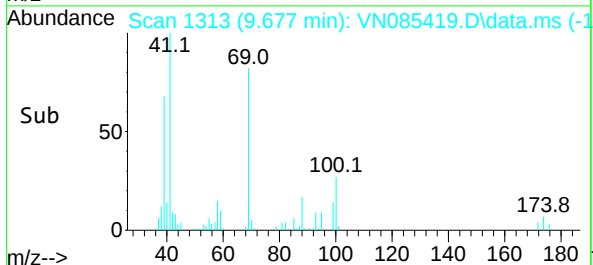
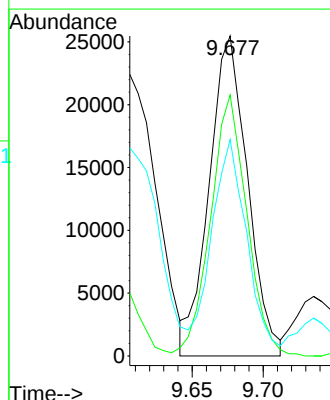
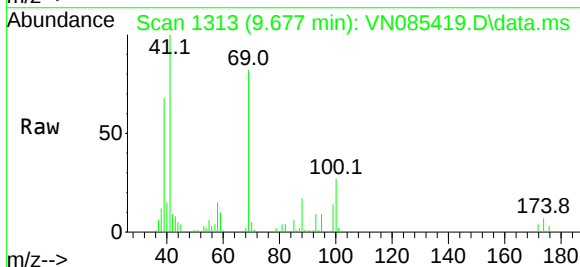
Tgt Ion: 41 Resp: 47868

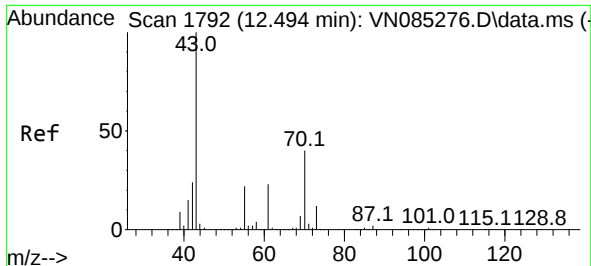
Ion Ratio Lower Upper

41 100

69 83.6 39.9 119.6

39 67.8 31.6 95.0

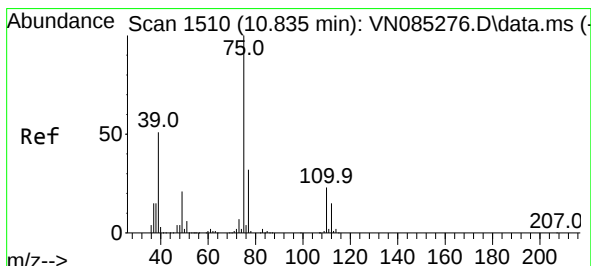
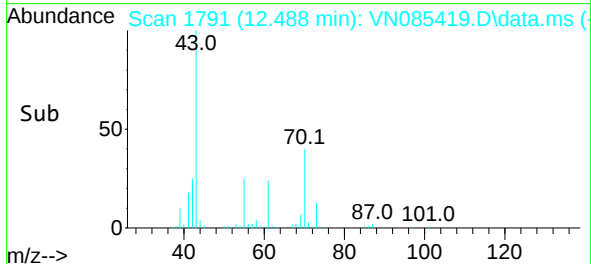
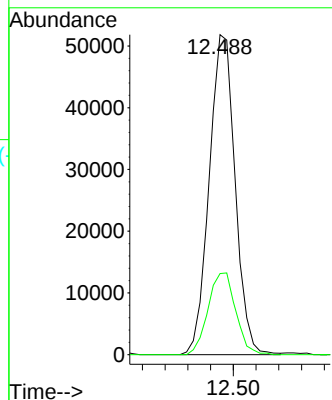
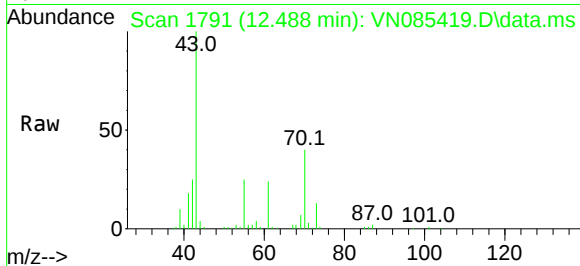




#47
n-amyl acetate
Concen: 17.536 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

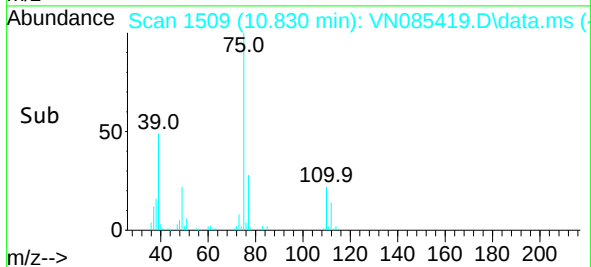
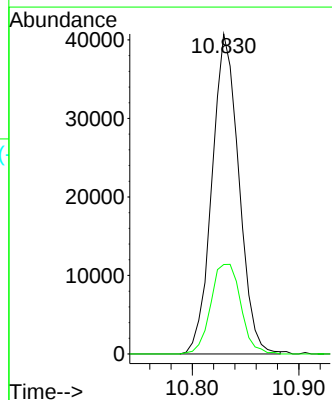
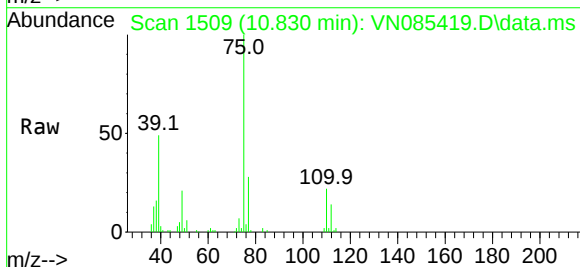
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

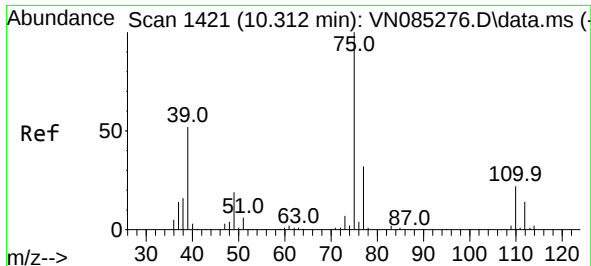
Tgt Ion: 43 Resp: 82190
Ion Ratio Lower Upper
43 100
55 27.2 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 20.360 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 75 Resp: 71496
Ion Ratio Lower Upper
75 100
77 28.0 23.8 35.6

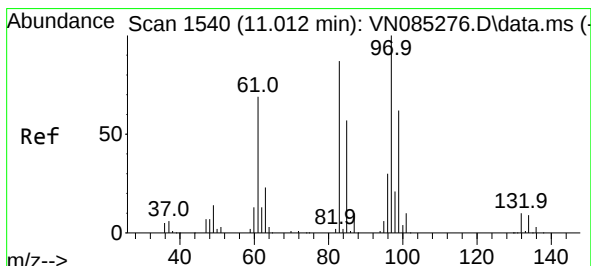
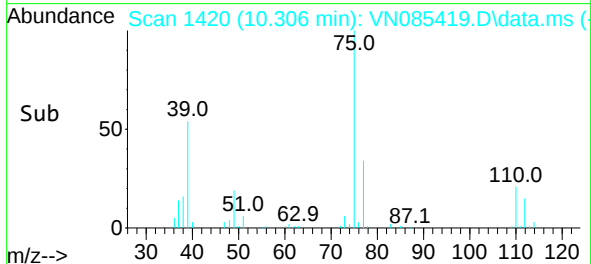
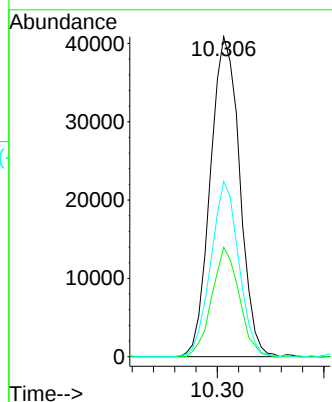
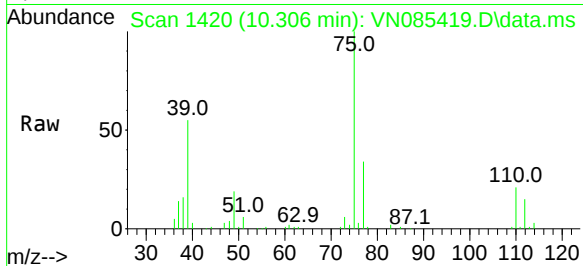




#49
 cis-1,3-Dichloropropene
 Concen: 20.653 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN085419.D
 Acq: 10 Jan 2025 11:33

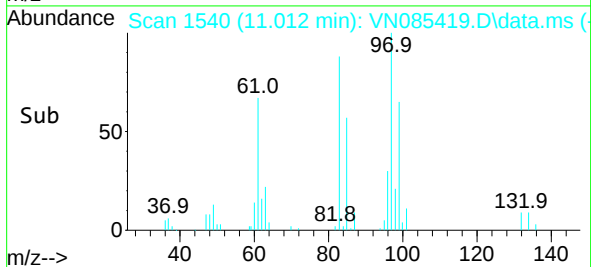
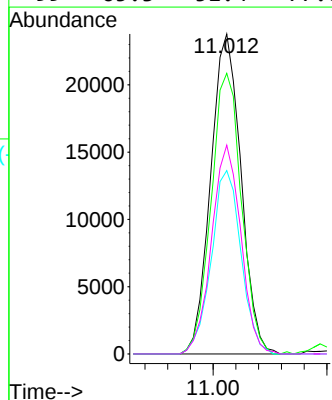
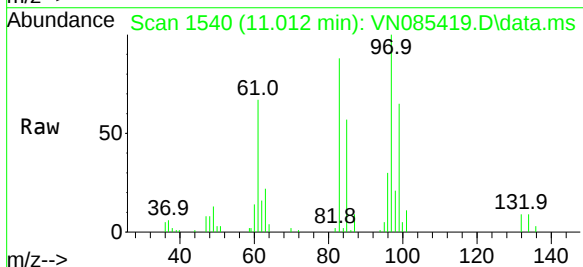
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

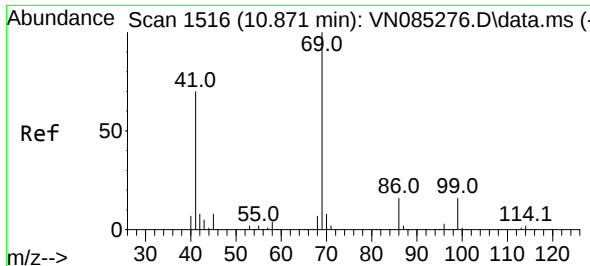
Tgt Ion:	75	Resp:	77970
Ion	Ratio	Lower	Upper
75	100		
77	34.2	26.6	40.0
39	54.7	41.9	62.9



#50
 1,1,2-Trichloroethane
 Concen: 19.764 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN085419.D
 Acq: 10 Jan 2025 11:33

Tgt Ion:	97	Resp:	43971
Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.2	108.2
85	57.3	46.6	70.0
99	65.3	51.4	77.0

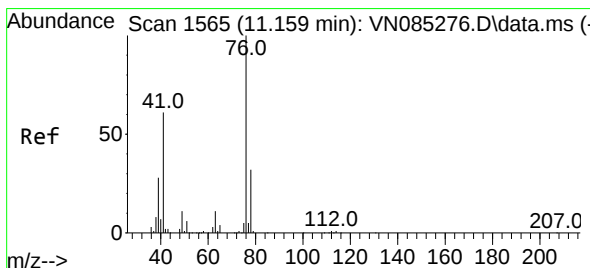
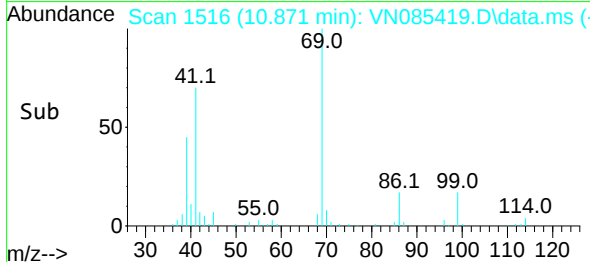
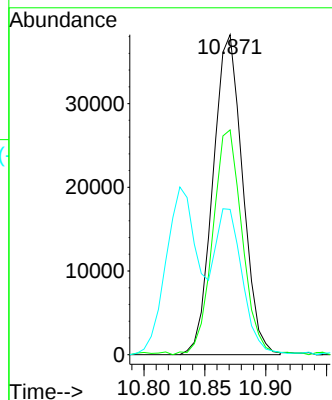
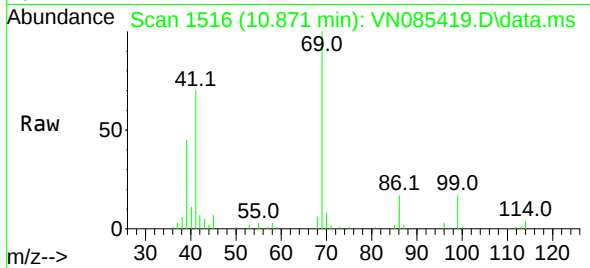




#51
Ethyl methacrylate
Concen: 19.180 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

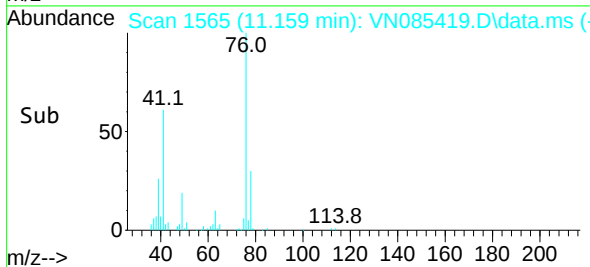
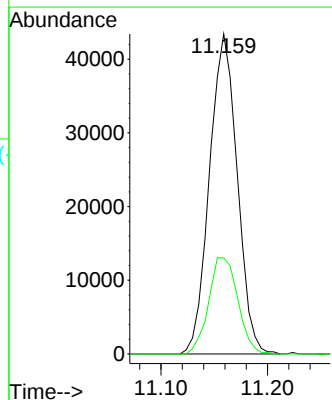
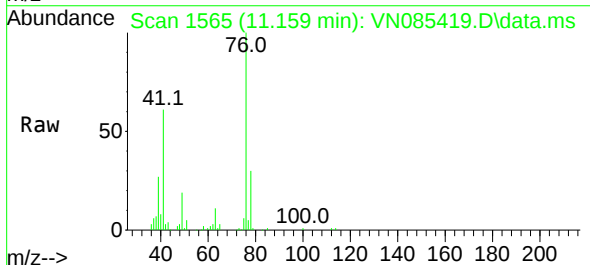
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

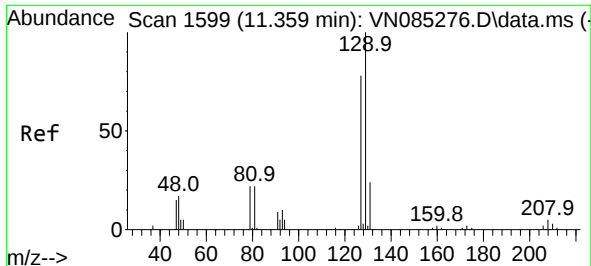
Tgt Ion: 69 Resp: 64540
Ion Ratio Lower Upper
69 100
41 69.5 38.1 114.5
39 44.6 24.1 72.2



#52
1,3-Dichloropropane
Concen: 20.223 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 76 Resp: 78537
Ion Ratio Lower Upper
76 100
78 31.6 0.0 66.2

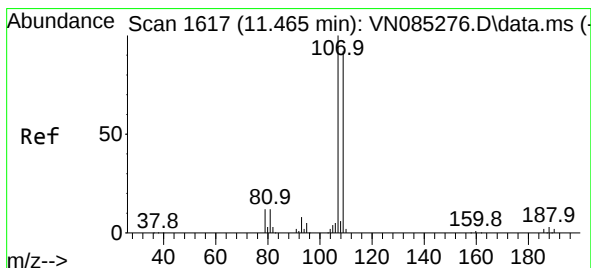
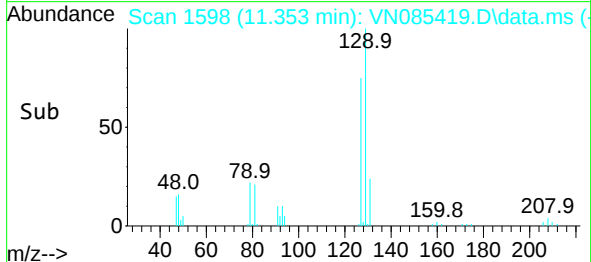
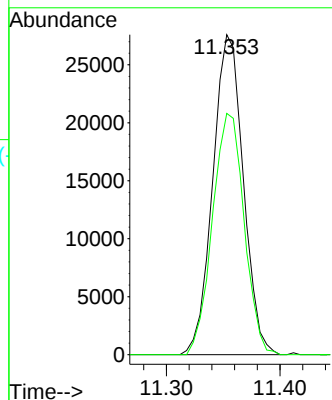
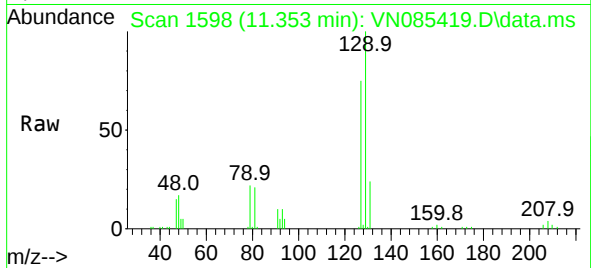




#53
Dibromochloromethane
Concen: 19.766 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

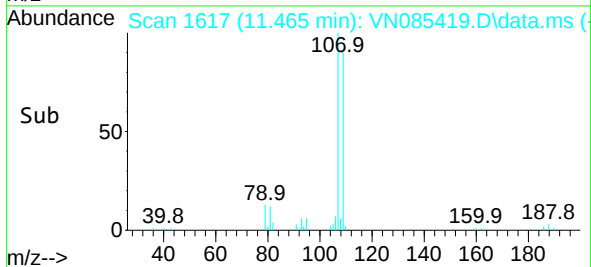
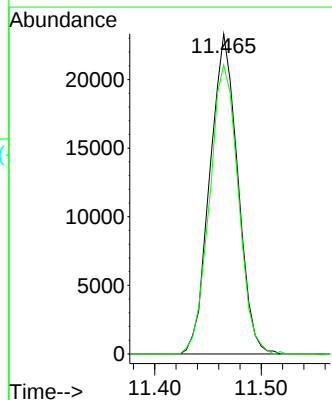
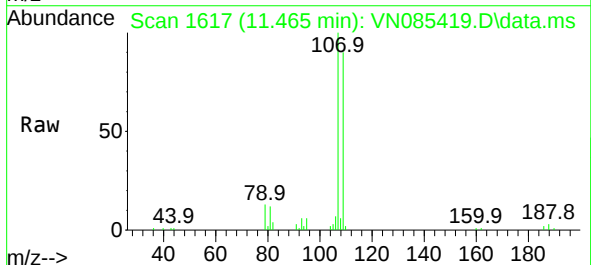
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

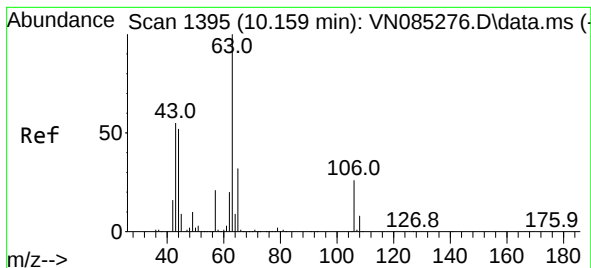
Tgt Ion:129 Resp: 51529
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.3



#54
1,2-Dibromoethane
Concen: 19.662 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion:107 Resp: 42333
Ion Ratio Lower Upper
107 100
109 93.1 76.2 114.4

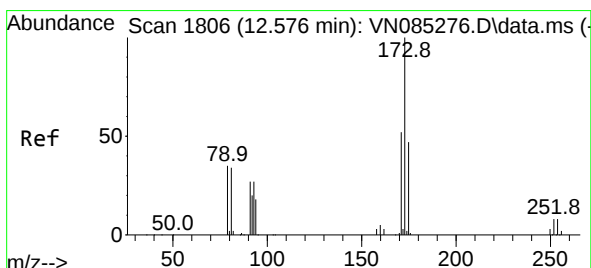
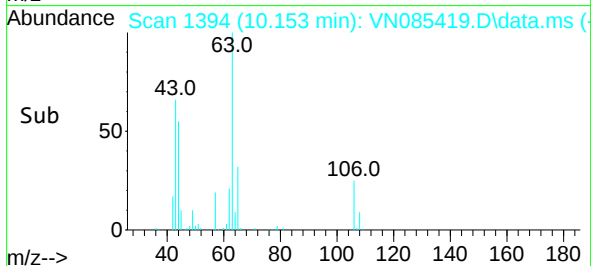
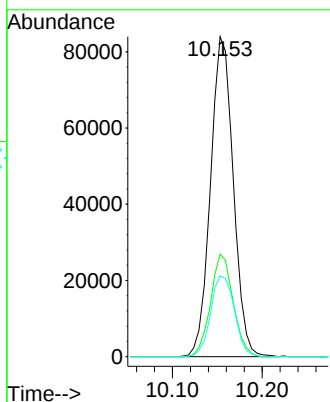
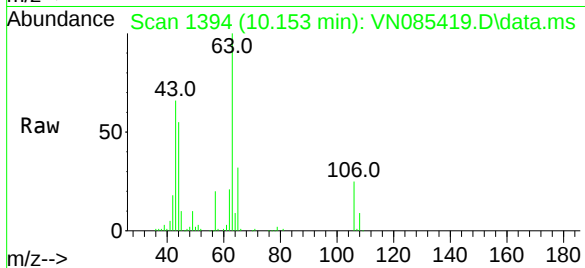




#55
2-Chloroethyl vinyl ether
Concen: 85.393 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

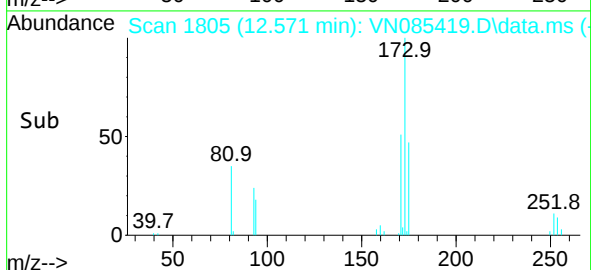
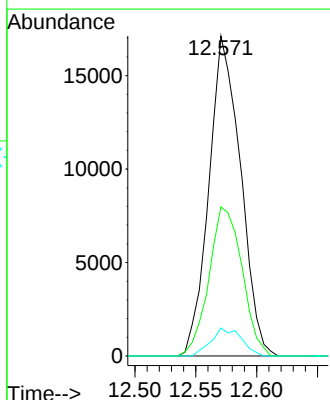
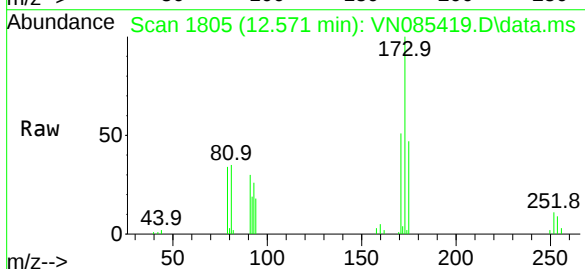
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

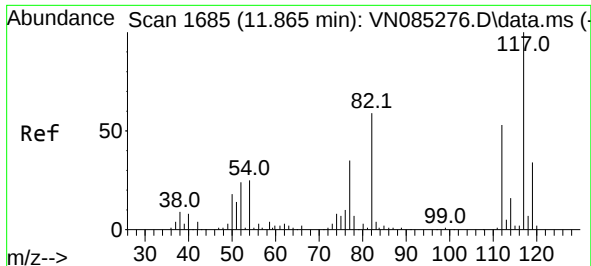
Tgt Ion: 63 Resp: 148014
Ion Ratio Lower Upper
63 100
65 31.7 25.9 38.9
106 26.4 21.2 31.8



#56
Bromoform
Concen: 18.198 ug/l
RT: 12.571 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 173 Resp: 30949
Ion Ratio Lower Upper
173 100
175 48.7 39.4 59.2
254 8.3 7.2 10.8

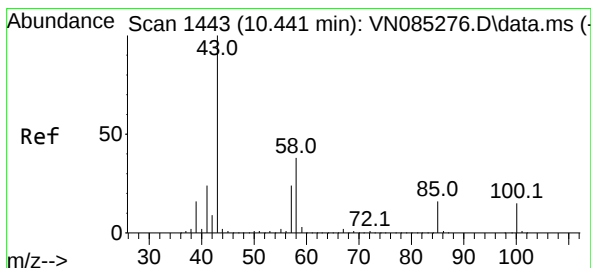
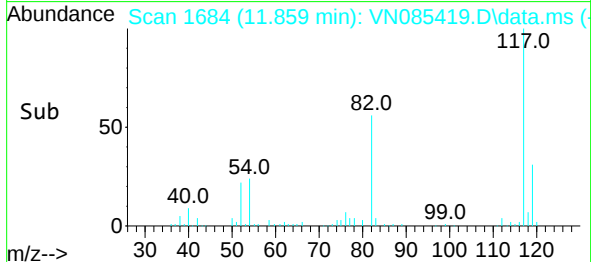
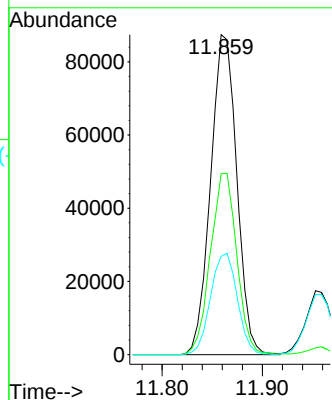
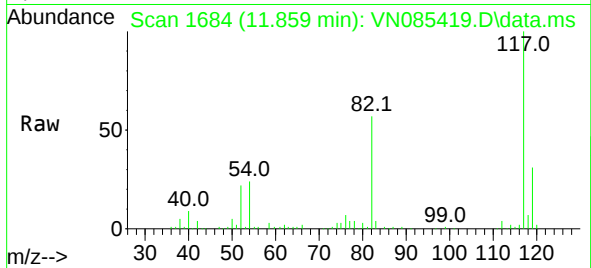




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

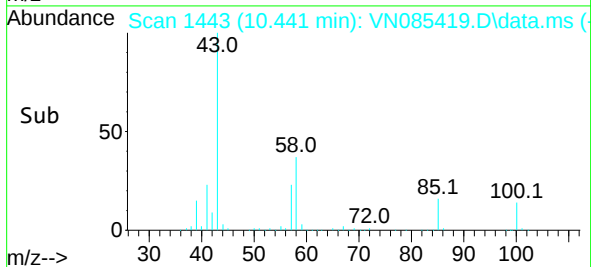
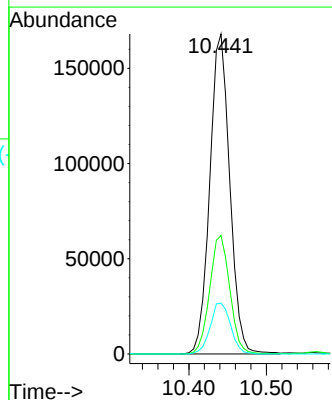
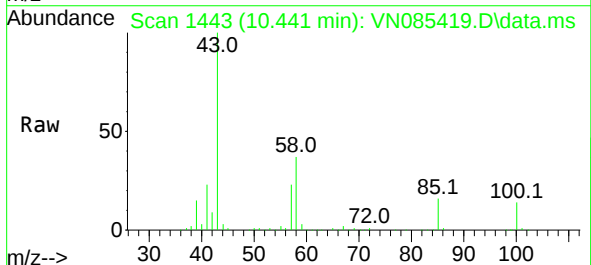
Instrument :
MSVOA_N
ClientSampleId :
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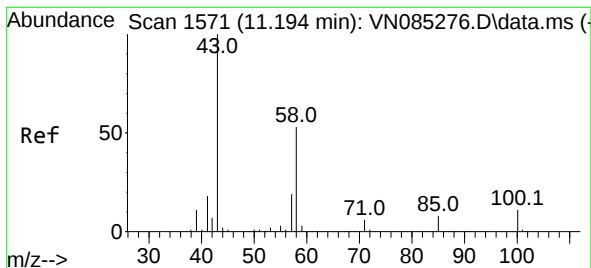
Tgt Ion:117 Resp: 158580
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.0
119 32.3 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 93.661 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 43 Resp: 301102
Ion Ratio Lower Upper
43 100
58 37.2 29.2 43.8
85 16.2 12.8 19.2

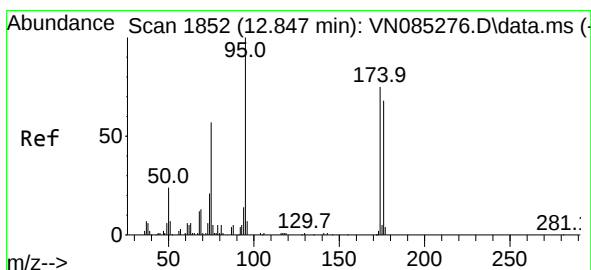
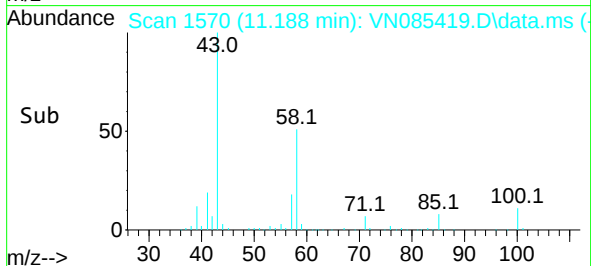
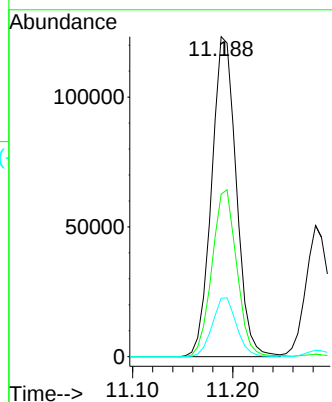
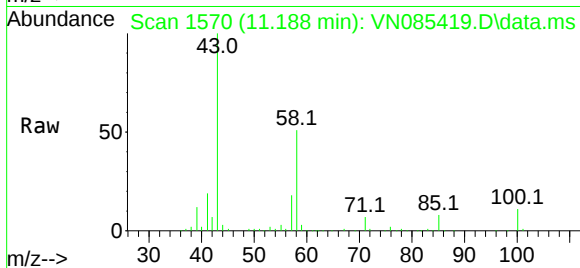




#59
2-Hexanone
Concen: 90.373 ug/l
RT: 11.188 min Scan# 11570
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

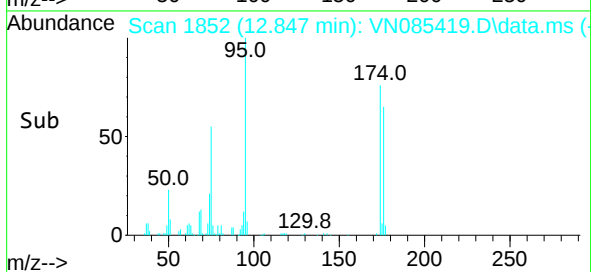
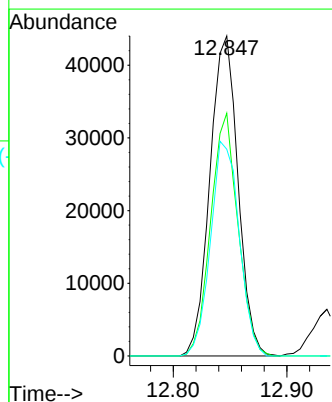
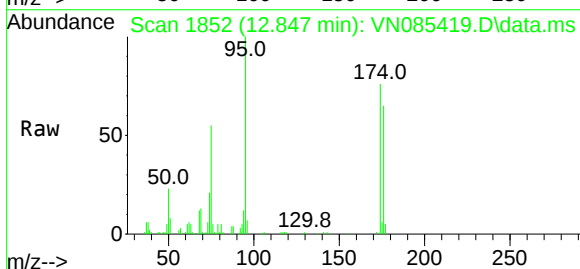
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

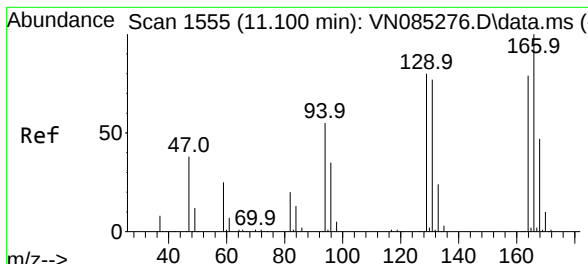
Tgt Ion: 43 Resp: 211060
Ion Ratio Lower Upper
43 100
58 52.2 40.2 60.4
57 18.0 14.2 21.4



#60
4-Bromofluorobenzene
Concen: 29.504 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 95 Resp: 75788
Ion Ratio Lower Upper
95 100
174 73.4 57.8 86.8
176 68.3 57.1 85.7

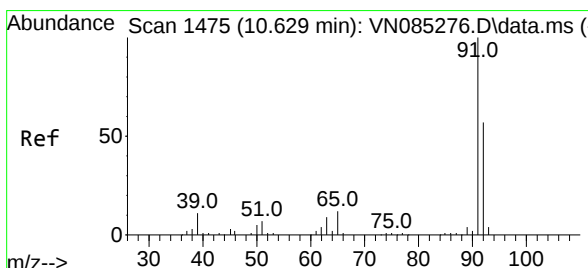
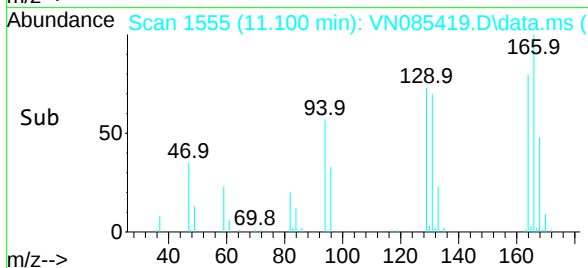
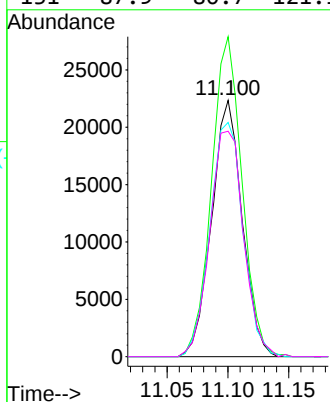
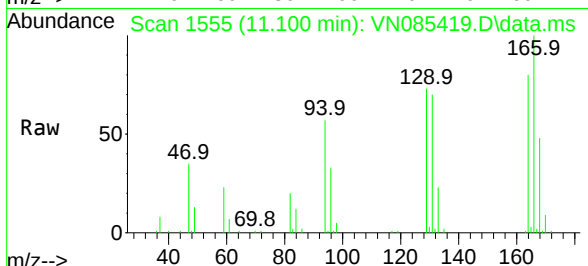




#61
Tetrachloroethene
Concen: 22.073 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

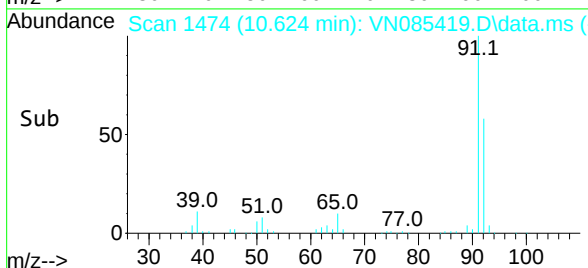
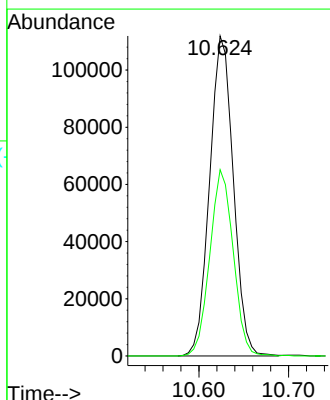
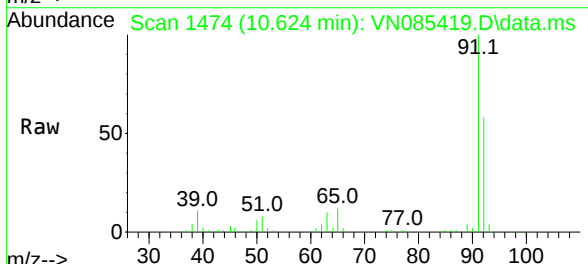
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

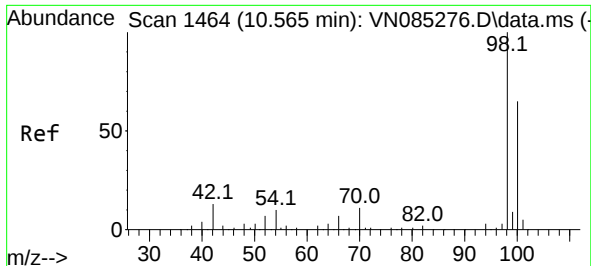
Tgt Ion:164 Resp: 39076
Ion Ratio Lower Upper
164 100
166 124.8 109.0 163.4
129 91.4 85.1 127.7
131 87.9 80.7 121.1



#62
Toluene
Concen: 21.084 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 91 Resp: 205407
Ion Ratio Lower Upper
91 100
92 57.5 45.9 68.9

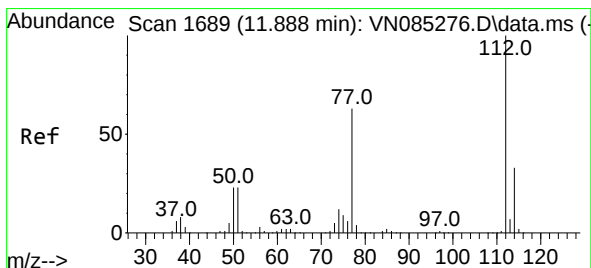
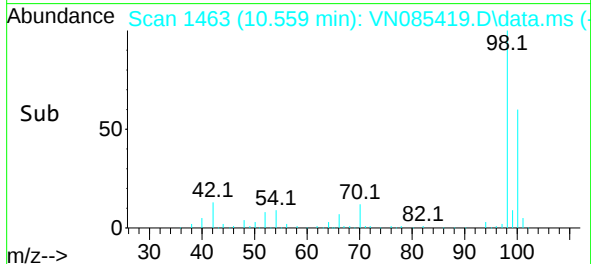
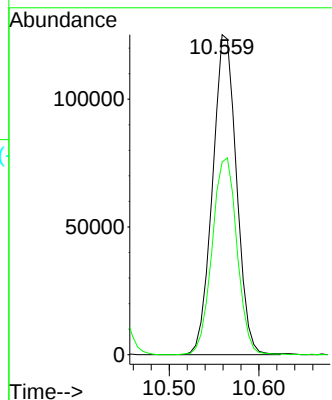
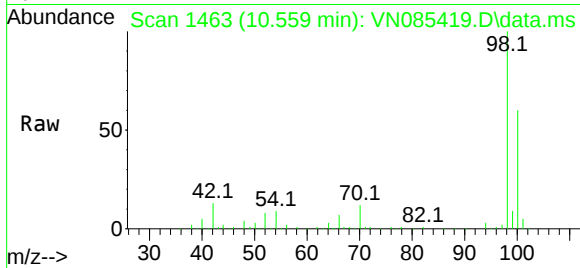




#63
Toluene-d8
Concen: 29.984 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

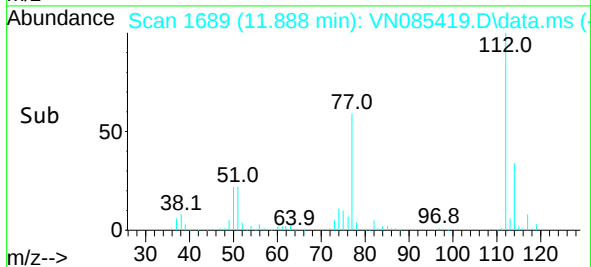
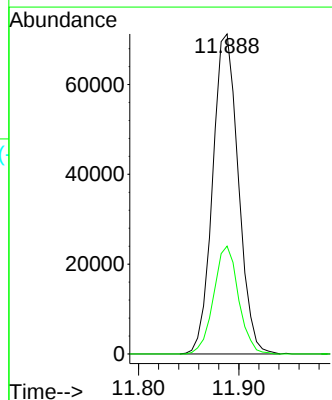
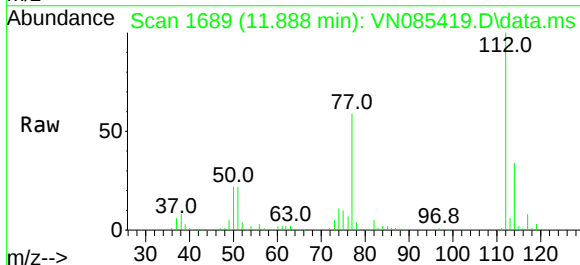
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

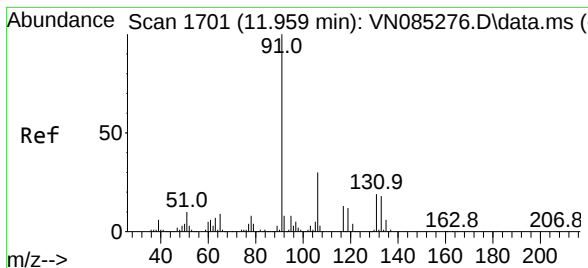
Tgt Ion: 98 Resp: 232183
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2



#64
Chlorobenzene
Concen: 21.569 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 112 Resp: 126737
Ion Ratio Lower Upper
112 100
114 33.7 26.4 39.6

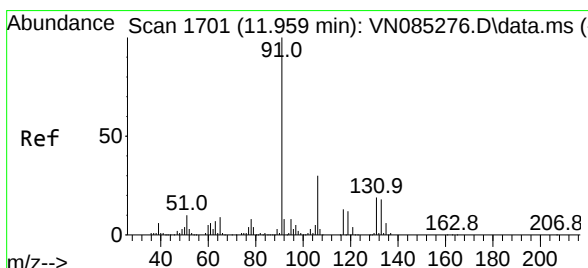
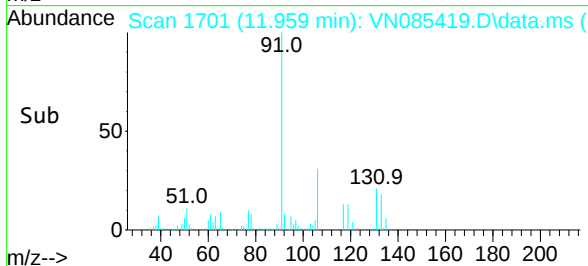
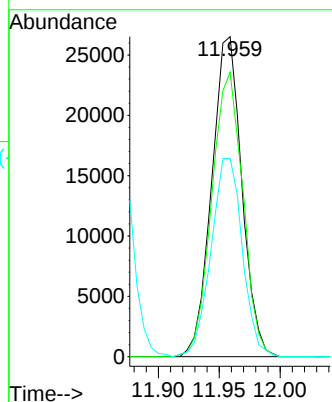
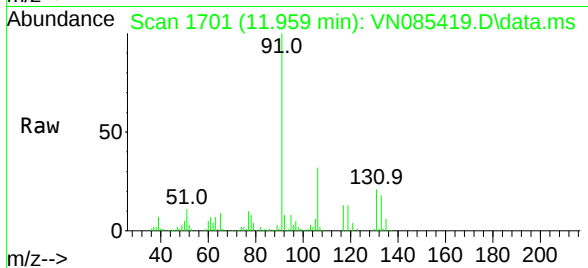




#65
1,1,1,2-Tetrachloroethane
Concen: 21.406 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

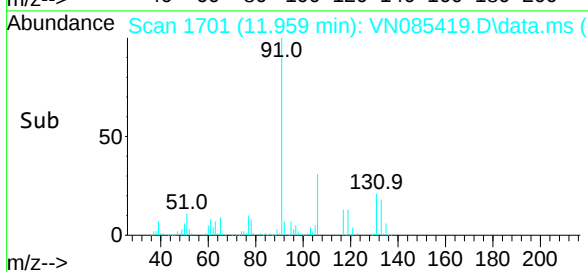
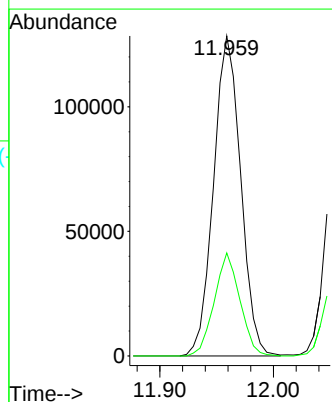
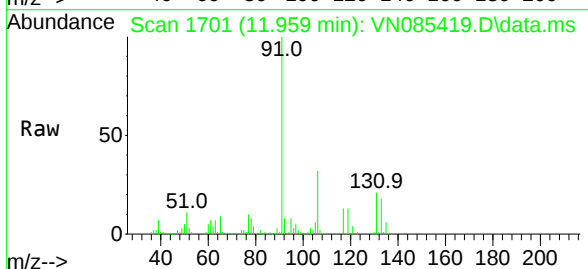
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

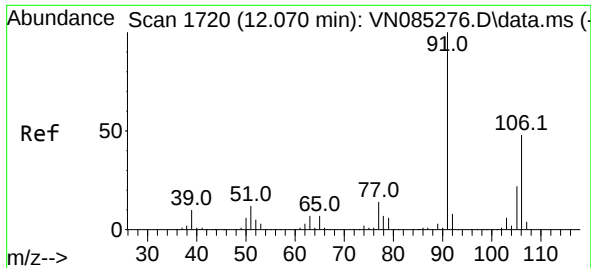
Tgt Ion:131 Resp: 45615
Ion Ratio Lower Upper
131 100
133 91.5 0.0 189.4
119 64.4 0.0 135.0



#66
Ethyl Benzene
Concen: 20.783 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 91 Resp: 213047
Ion Ratio Lower Upper
91 100
106 32.2 23.2 34.8

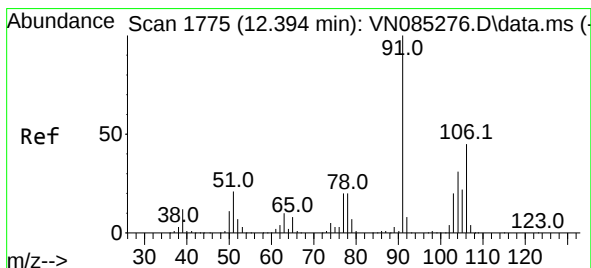
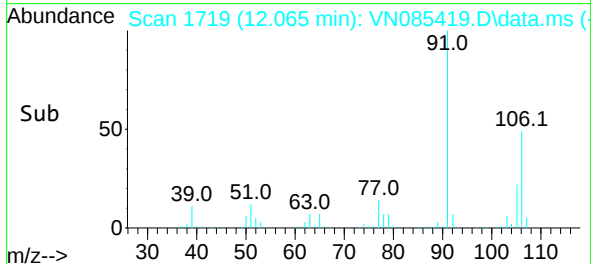
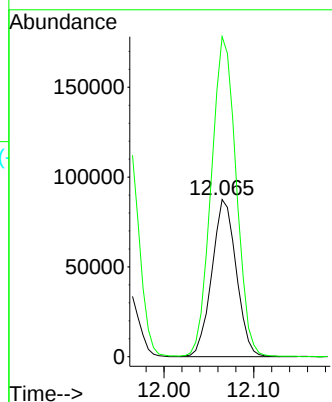
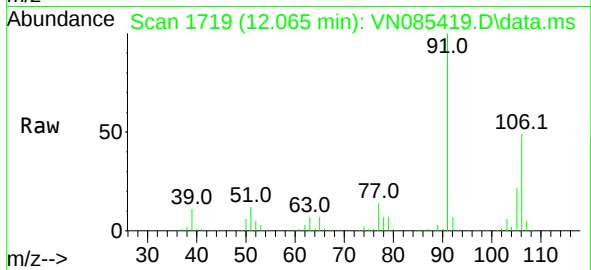




#67
m/p-Xylenes
Concen: 42.944 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

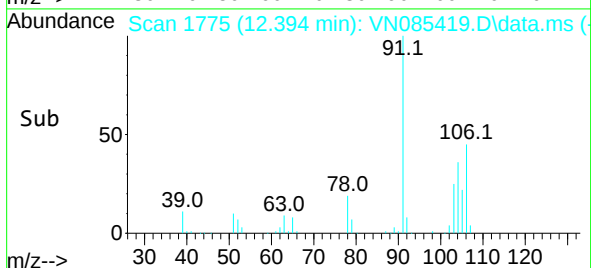
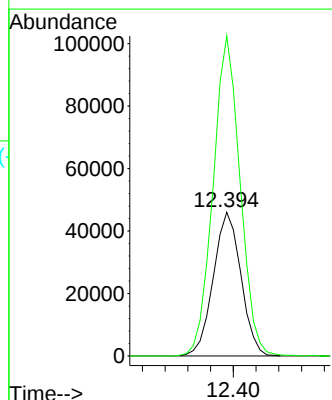
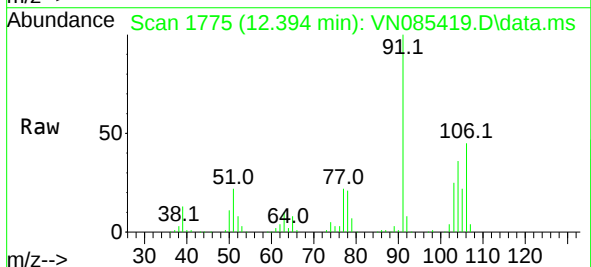
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

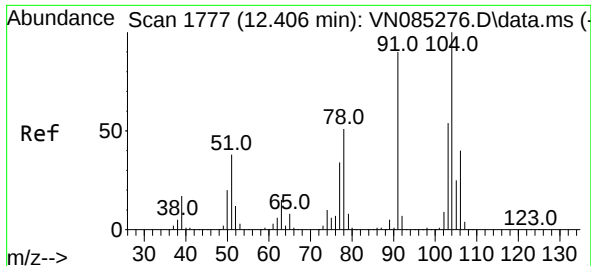
Tgt Ion:106 Resp: 165155
Ion Ratio Lower Upper
106 100
91 208.4 167.0 250.4



#68
o-Xylene
Concen: 21.238 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion:106 Resp: 77801
Ion Ratio Lower Upper
106 100
91 217.3 110.6 331.8

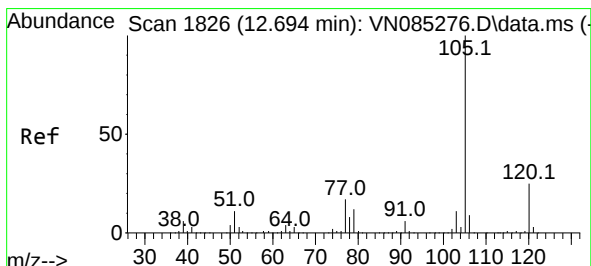
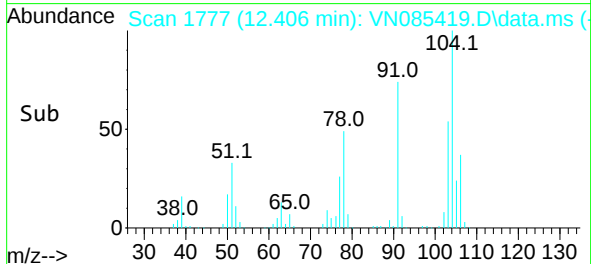
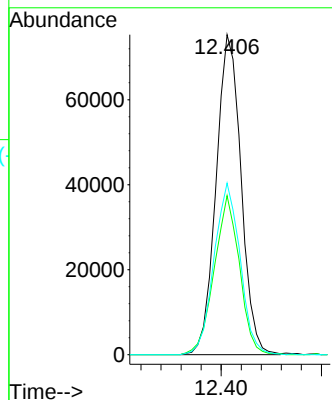
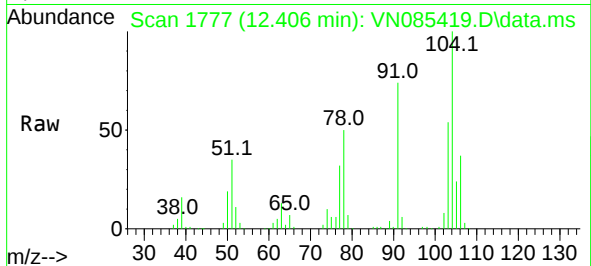




#69
Styrene
Concen: 21.040 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

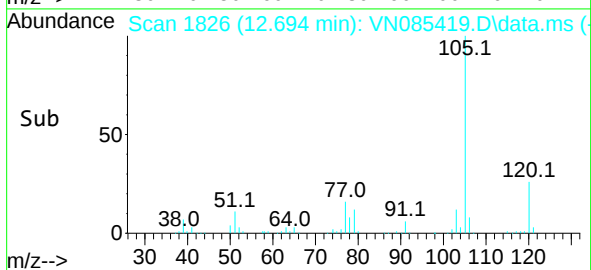
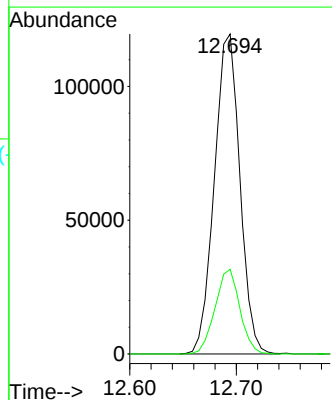
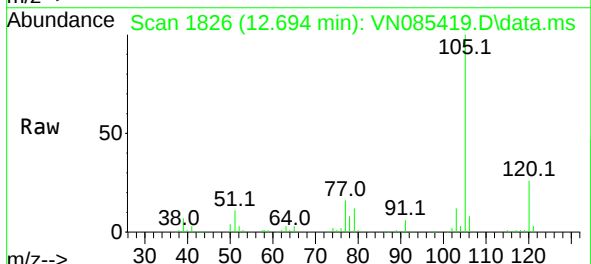
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

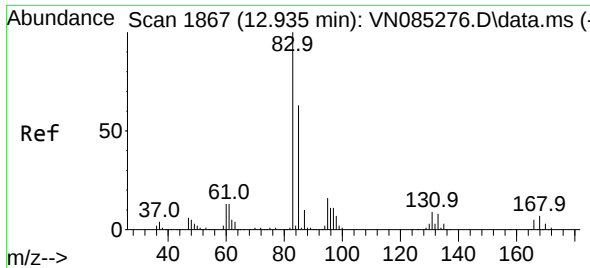
Tgt Ion:104 Resp: 130260
Ion Ratio Lower Upper
104 100
78 50.2 41.0 61.4
103 56.0 44.8 67.2



#70
Isopropylbenzene
Concen: 21.603 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion:105 Resp: 198717
Ion Ratio Lower Upper
105 100
120 25.7 18.4 34.2

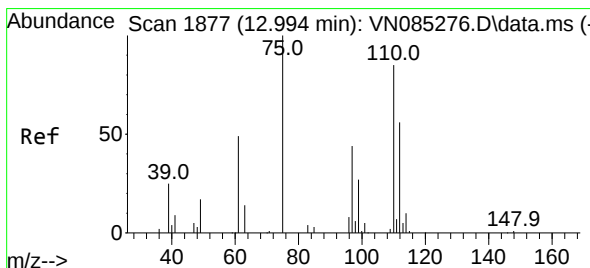
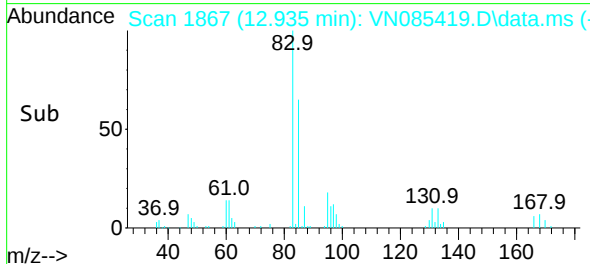
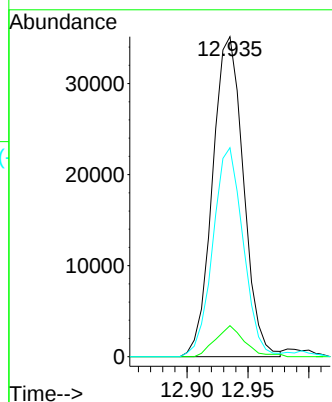
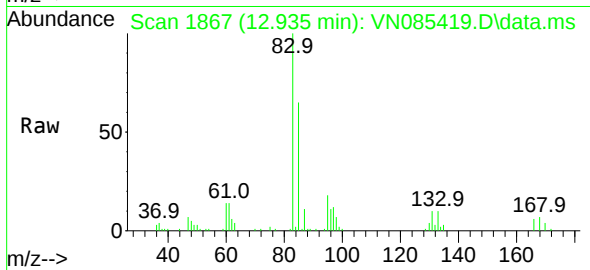




#71
1,1,2,2-Tetrachloroethane
Concen: 19.054 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

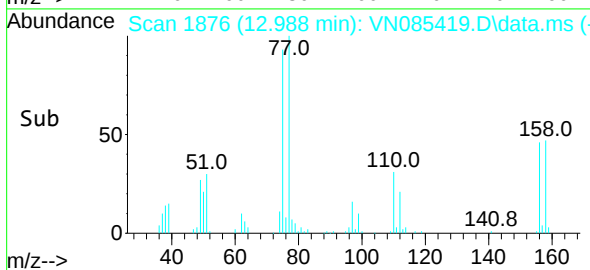
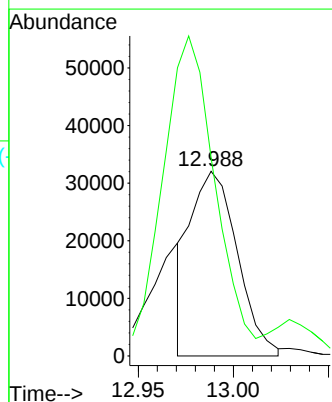
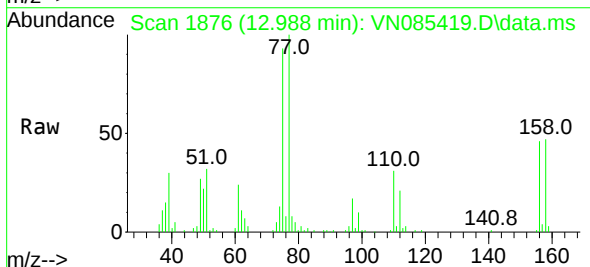
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

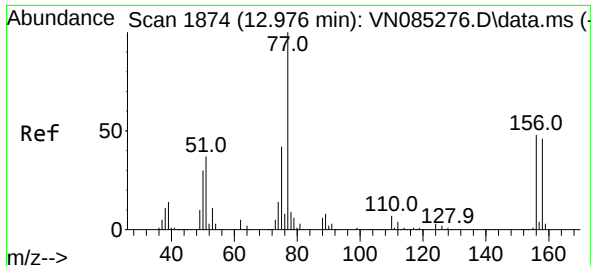
Tgt Ion: 83 Resp: 62162
Ion Ratio Lower Upper
83 100
131 9.0 5.0 15.0
85 64.0 33.0 98.9



#72
1,2,3-Trichloropropane
Concen: 19.782 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 75 Resp: 54928
Ion Ratio Lower Upper
75 100
77 195.4 0.0 407.2

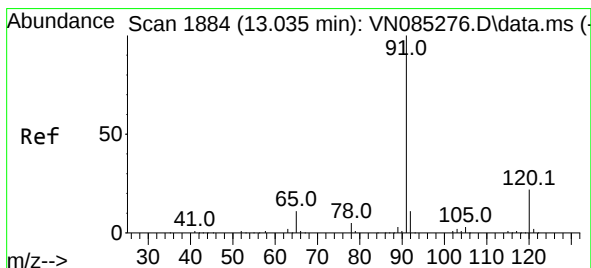
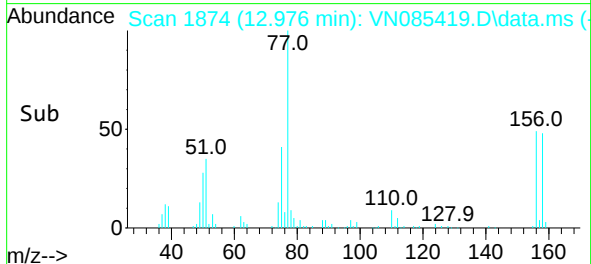
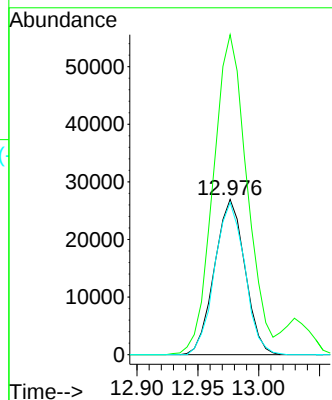
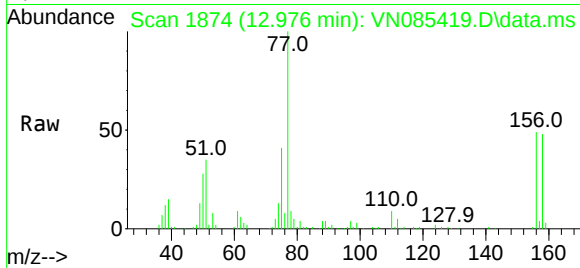




#73
Bromobenzene
Concen: 20.670 ug/l
RT: 12.976 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

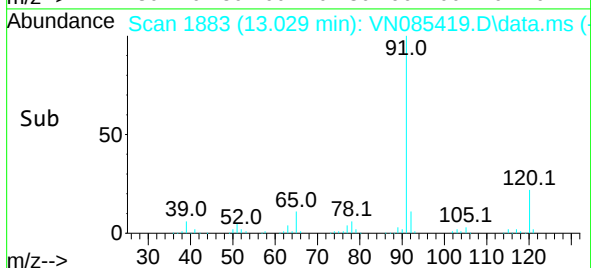
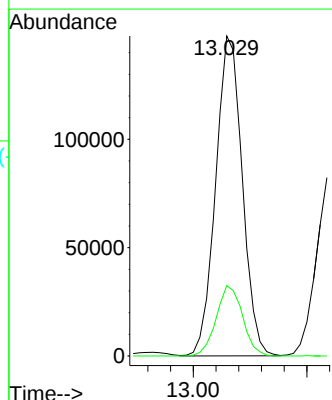
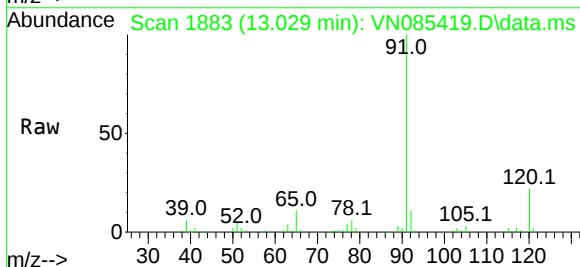
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

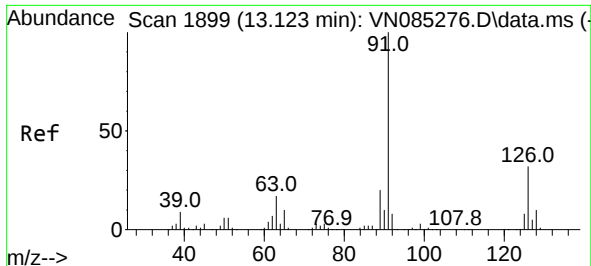
Tgt Ion	Ratio	Lower	Upper
156	100		
77	228.5	0.0	462.6
158	97.1	0.0	186.4



#74
n-propylbenzene
Concen: 20.947 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	0.0	41.4

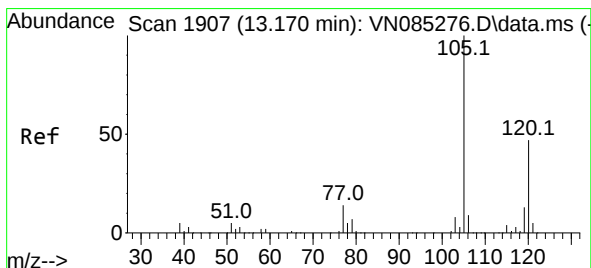
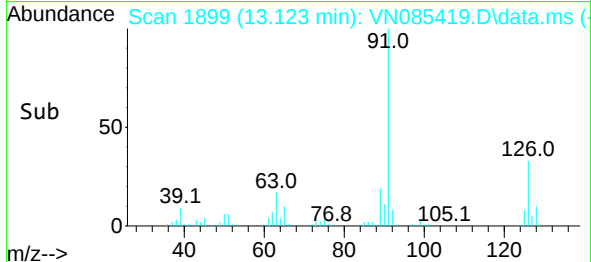
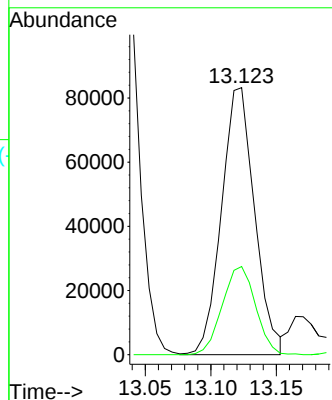
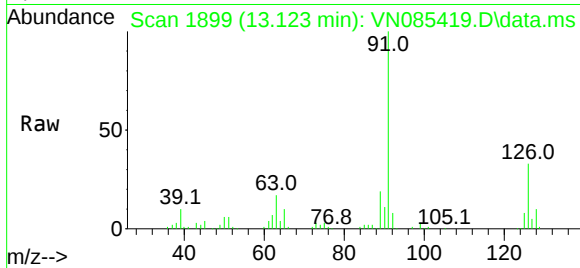




#75
2-Chlorotoluene
Concen: 21.174 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

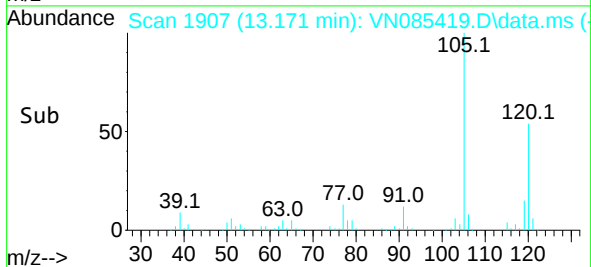
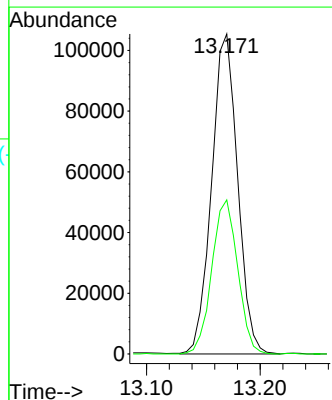
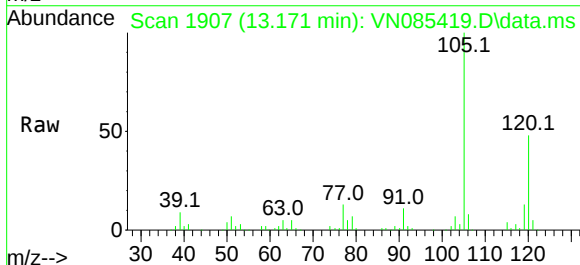
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

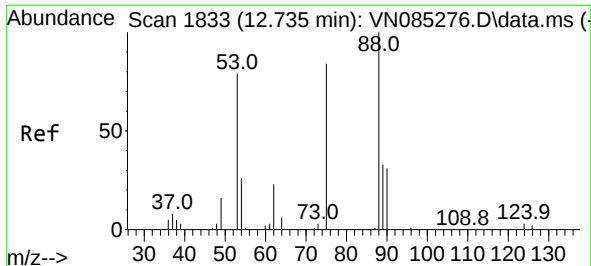
Tgt Ion: 91 Resp: 146170
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 21.349 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 105 Resp: 167566
Ion Ratio Lower Upper
105 100
120 47.9 0.0 95.0

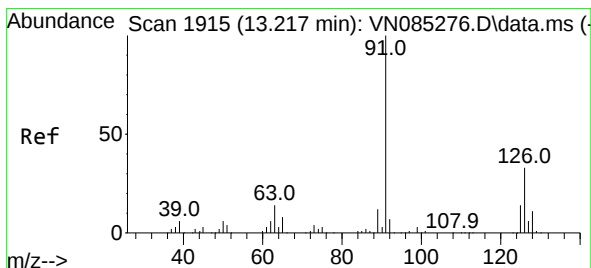
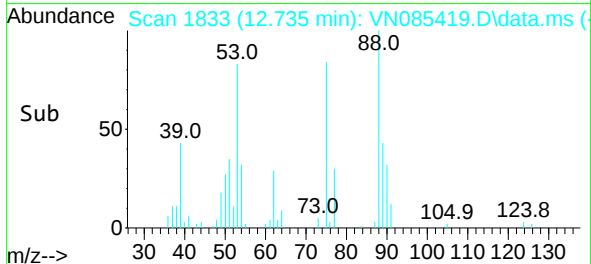
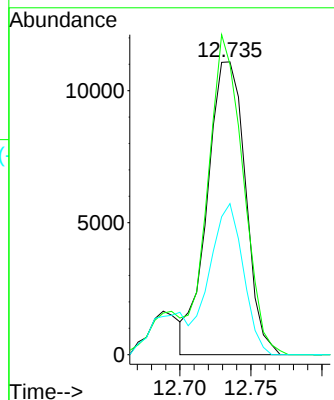
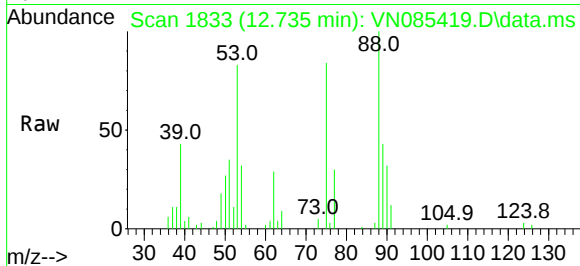




#77
t-1,4-Dichloro-2-butene
Concen: 18.245 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

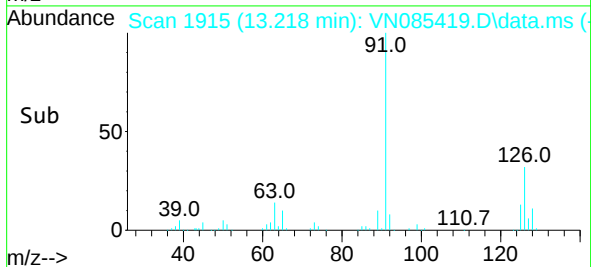
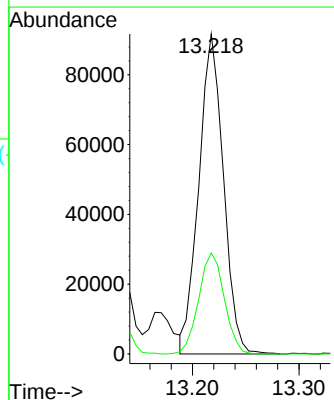
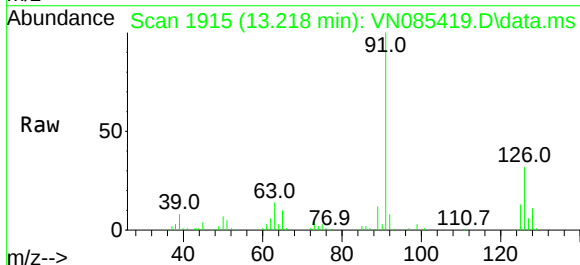
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

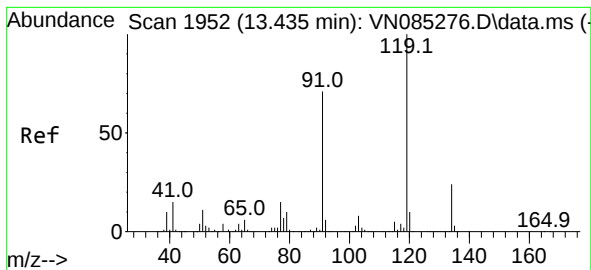
Tgt Ion:	75	Resp:	20704
Ion	Ratio	Lower	Upper
75	100		
53	97.7	54.9	164.5
89	51.6	22.8	68.3



#78
4-Chlorotoluene
Concen: 20.955 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion:	91	Resp:	147080
Ion	Ratio	Lower	Upper
91	100		
126	32.9	0.0	63.6

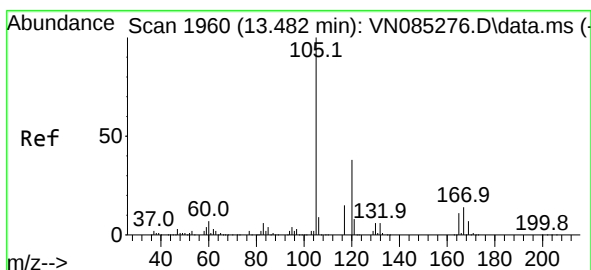
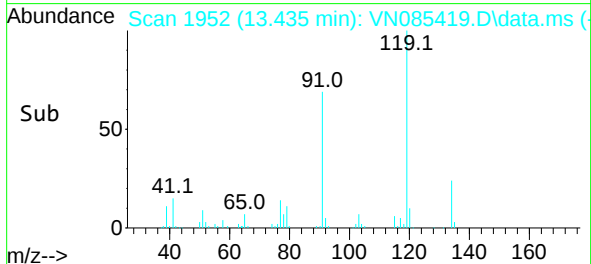
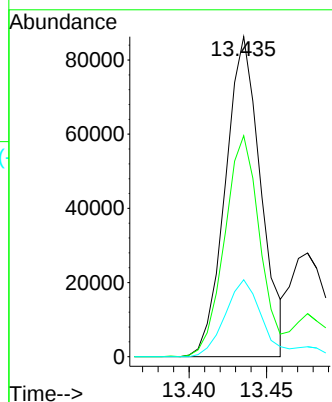
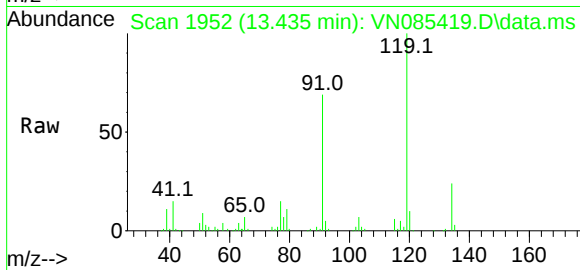




#79
tert-butylbenzene
Concen: 21.431 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

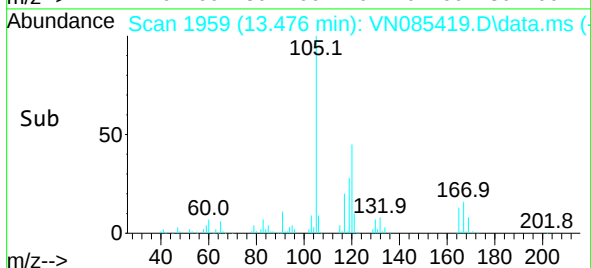
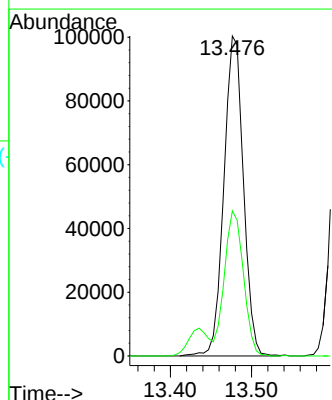
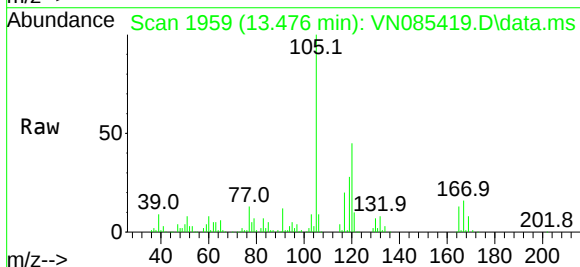
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

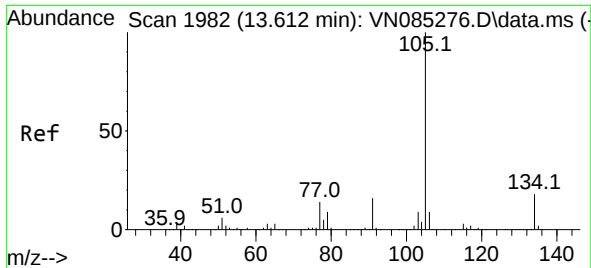
Tgt Ion:119 Resp: 137558
Ion Ratio Lower Upper
119 100
91 68.3 0.0 142.0
134 24.5 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 21.504 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion:105 Resp: 168002
Ion Ratio Lower Upper
105 100
120 44.1 0.0 89.8

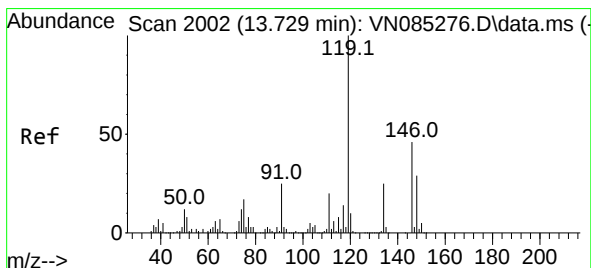
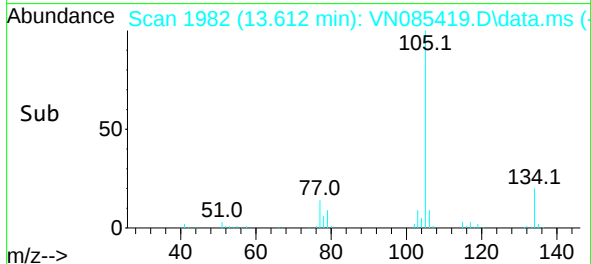
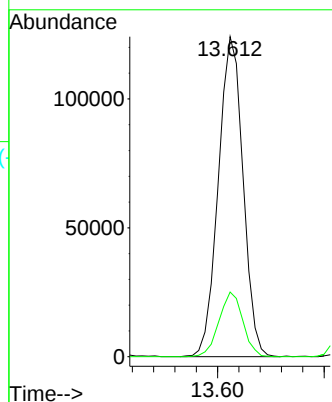
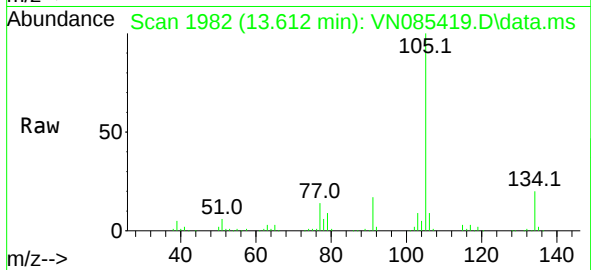




#81
sec-Butylbenzene
Concen: 21.568 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

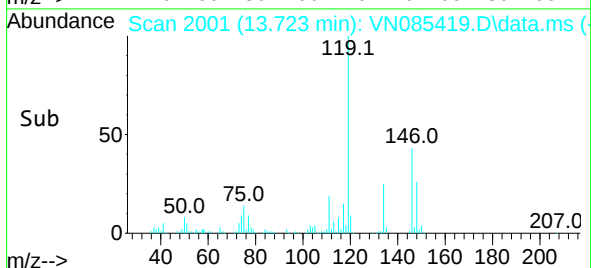
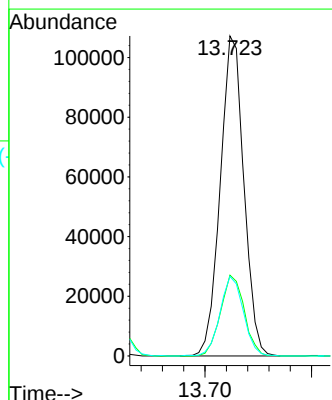
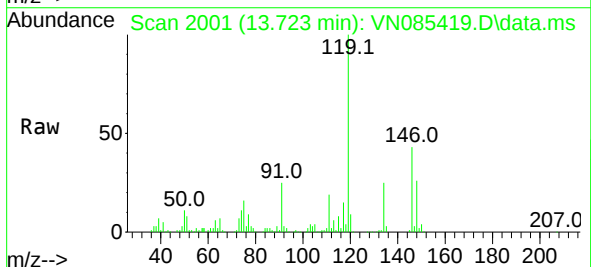
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

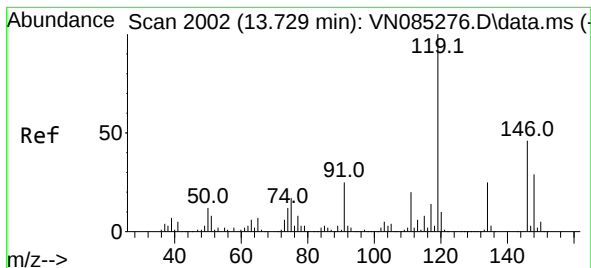
Tgt Ion:105 Resp: 199871
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.8



#82
p-Isopropyltoluene
Concen: 21.580 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion:119 Resp: 164693
Ion Ratio Lower Upper
119 100
134 25.4 0.0 51.4
91 24.6 0.0 51.4





#83

1,3-Dichlorobenzene

Concen: 21.022 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

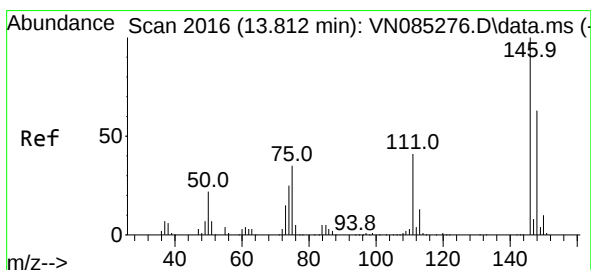
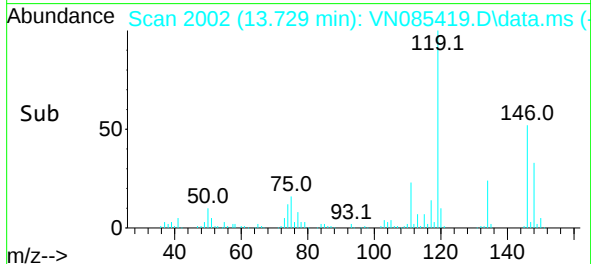
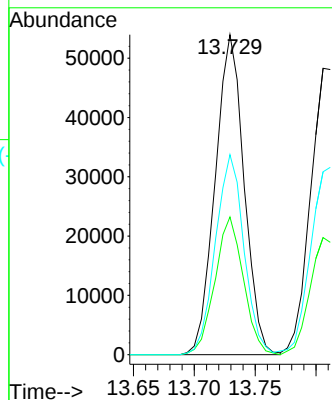
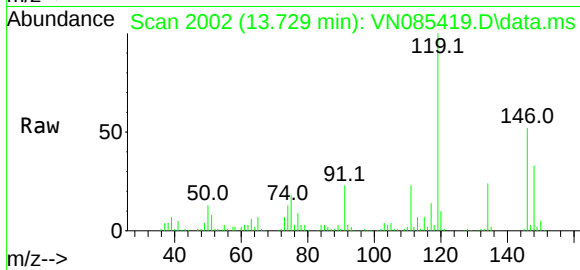
Tgt Ion:146 Resp: 89091

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.3

148 61.7 31.1 93.5



#84

1,4-Dichlorobenzene

Concen: 20.671 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

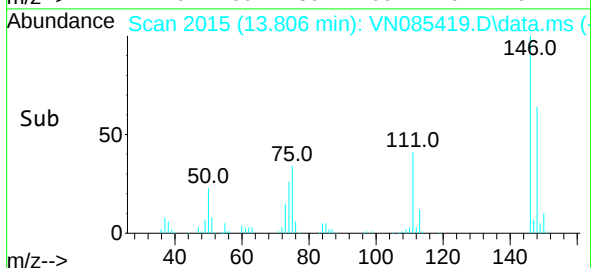
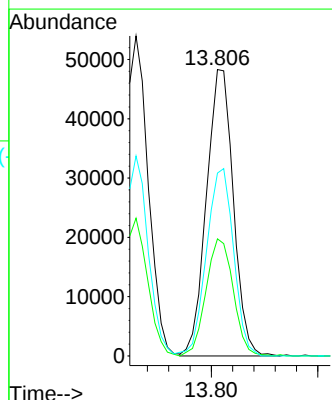
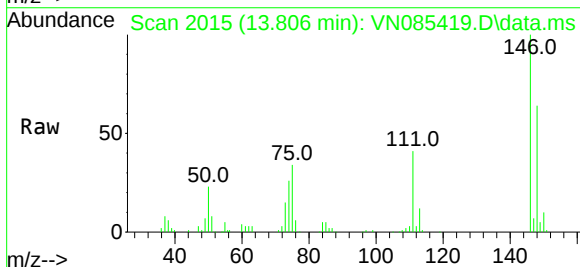
Tgt Ion:146 Resp: 84756

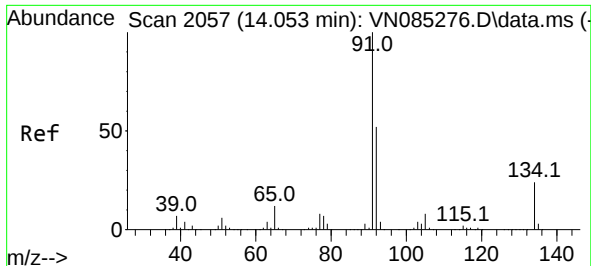
Ion Ratio Lower Upper

146 100

111 41.3 20.7 62.1

148 65.9 33.2 99.6

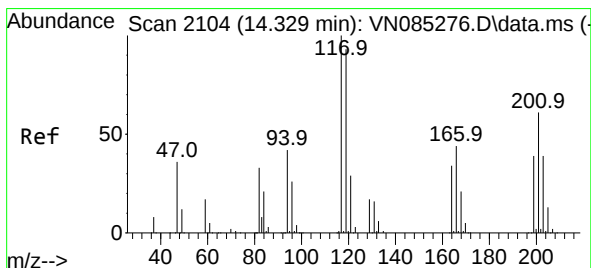
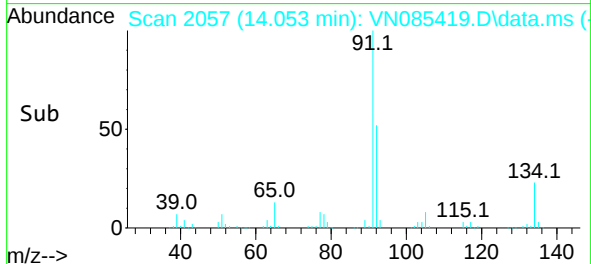
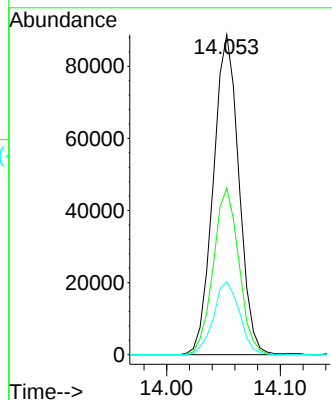
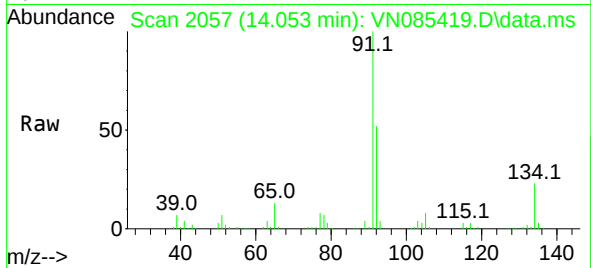




#85
n-Butylbenzene
Concen: 21.123 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

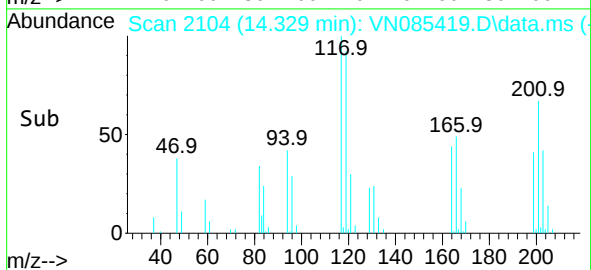
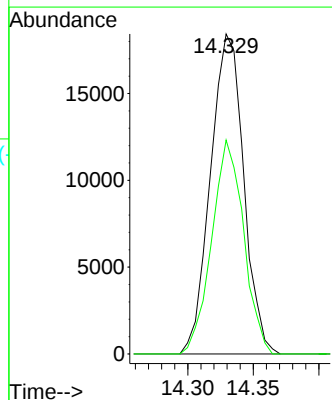
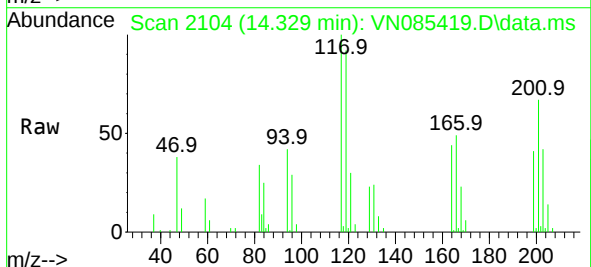
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

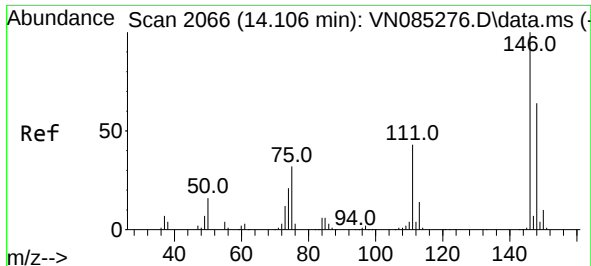
Tgt Ion: 91 Resp: 139177
Ion Ratio Lower Upper
91 100
92 51.9 0.0 102.0
134 23.2 0.0 46.4



#86
Hexachloroethane
Concen: 19.803 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 117 Resp: 32446
Ion Ratio Lower Upper
117 100
201 64.2 31.8 95.3

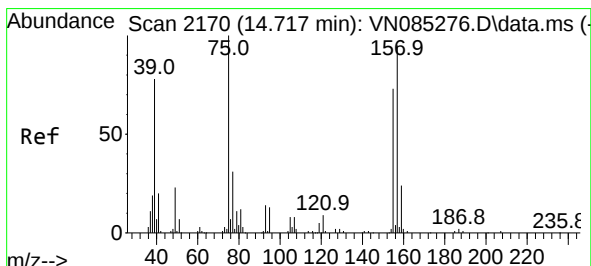
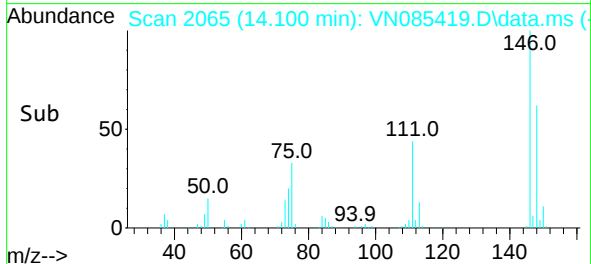
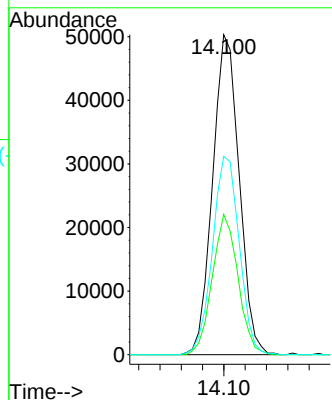
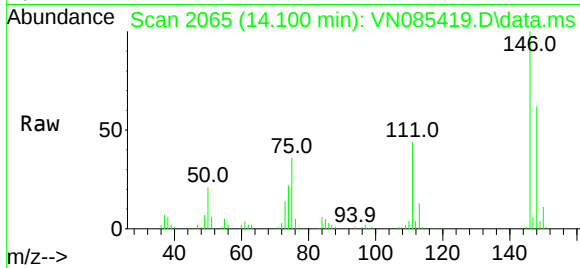




#87
1,2-Dichlorobenzene
Concen: 21.606 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

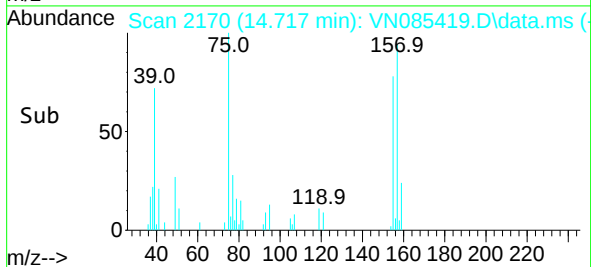
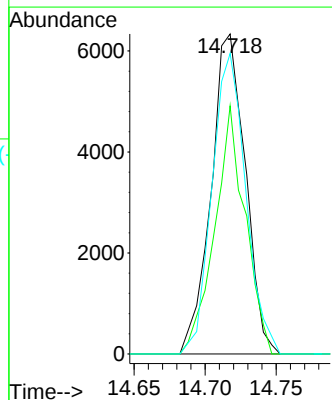
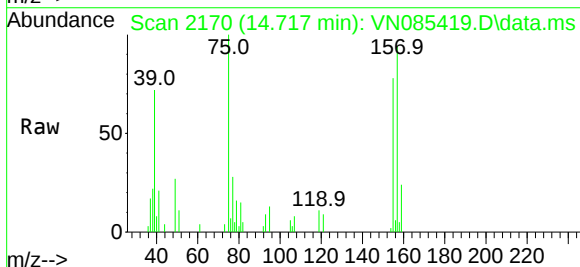
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS01

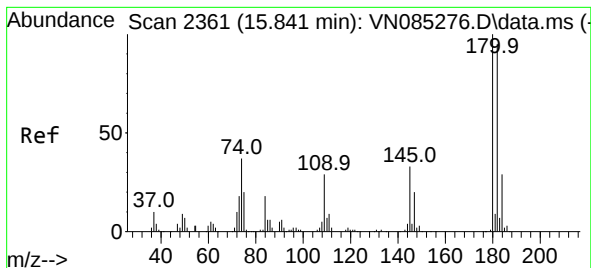
Tgt Ion:146 Resp: 86991
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.3
148 62.7 32.5 97.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.862 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085419.D
Acq: 10 Jan 2025 11:33

Tgt Ion: 75 Resp: 10638
Ion Ratio Lower Upper
75 100
155 69.0 53.4 80.0
157 92.5 74.2 111.4





#89

1,2,4-Trichlorobenzene

Concen: 20.471 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

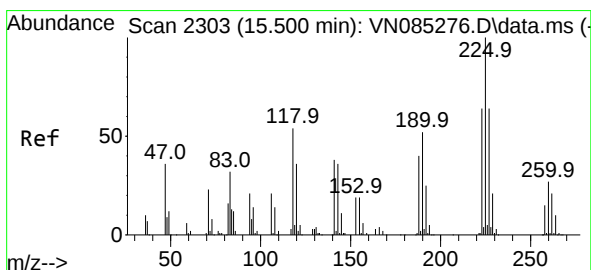
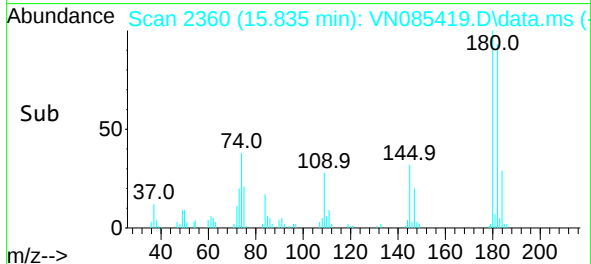
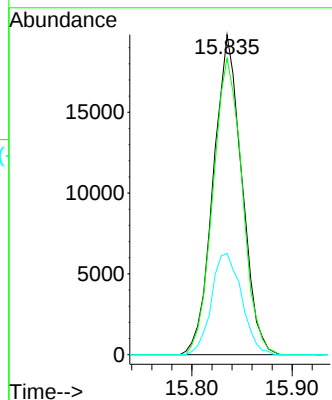
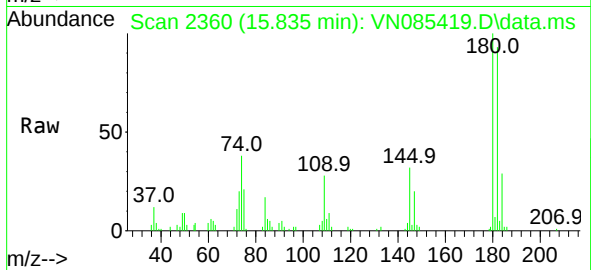
Tgt Ion:180 Resp: 39049

Ion Ratio Lower Upper

180 100

182 95.0 76.5 114.7

145 33.4 27.4 41.2



#90

Hexachlorobutadiene

Concen: 21.675 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

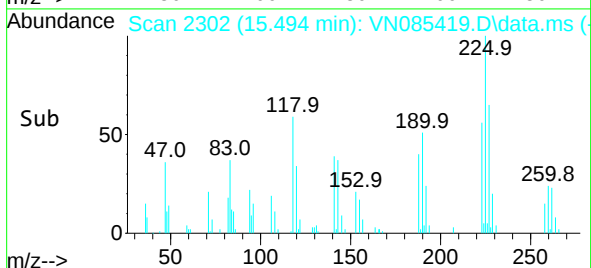
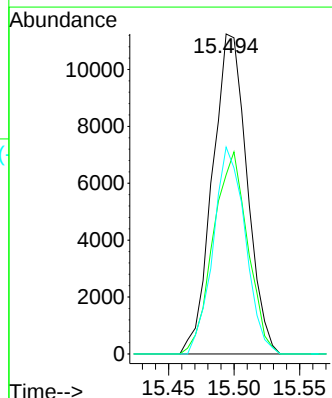
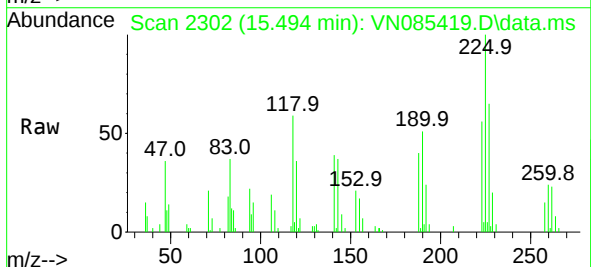
Tgt Ion:225 Resp: 20609

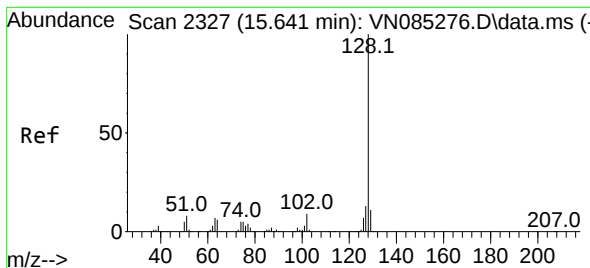
Ion Ratio Lower Upper

225 100

223 63.0 0.0 116.2

227 60.1 0.0 116.4





#91

Naphthalene

Concen: 18.798 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS01

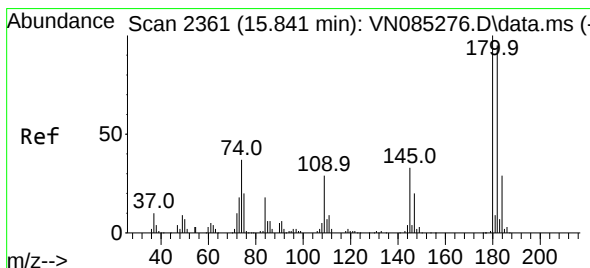
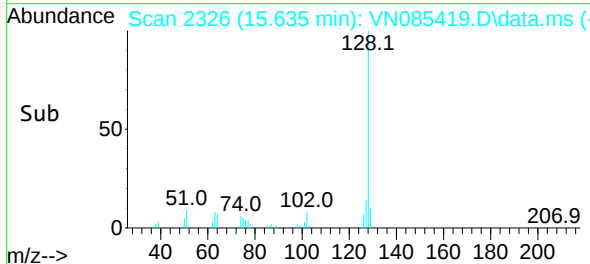
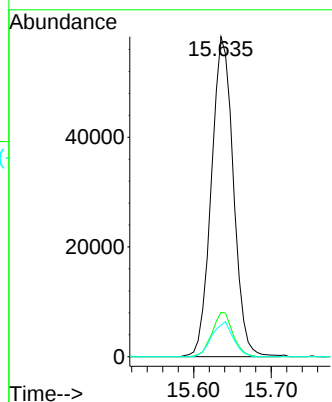
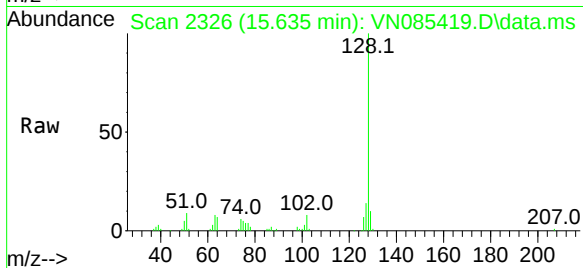
Tgt Ion:128 Resp: 115209

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.6 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 20.471 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085419.D

Acq: 10 Jan 2025 11:33

Tgt Ion:180 Resp: 39049

Ion Ratio Lower Upper

180 100

182 95.0 0.0 191.2

145 33.4 0.0 68.6

