

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011425\
 Data File : VN085443.D
 Acq On : 14 Jan 2025 17:19
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jan 15 01:46:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 01:28:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	3273	1.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.440%#
35) Dibromofluoromethane	8.159	113	2258	1.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.140%#
50) Toluene-d8	10.565	98	7164	0.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.920%#
62) 4-Bromofluorobenzene	12.841	95	2428	0.951	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	1.900%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	2382	1.054	ug/l	91
3) Chloromethane	2.359	50	2801	1.145	ug/l	93
4) Vinyl Chloride	2.512	62	2732	1.111	ug/l #	81
5) Bromomethane	2.971	94	2279	1.534	ug/l	97
6) Chloroethane	3.124	64	1809	1.160	ug/l	94
7) Trichlorofluoromethane	3.512	101	3860	1.082	ug/l	88
8) Diethyl Ether	3.953	74	1526	1.238	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.359	101	1308	0.651	ug/l #	68
10) Methyl Iodide	4.600	142	2478	1.077	ug/l #	87
11) Tert butyl alcohol	5.512	59	1314	4.260	ug/l #	71
12) 1,1-Dichloroethene	4.330	96	1660	0.927	ug/l #	67
13) Acrolein	4.177	56	1510	3.586	ug/l	86
14) Allyl chloride	5.024	41	3179	1.094	ug/l #	85
15) Acrylonitrile	5.718	53	4967	5.070	ug/l #	70
16) Acetone	4.436	43	5102	5.862	ug/l	92
17) Carbon Disulfide	4.706	76	6601	1.197	ug/l #	87
18) Methyl Acetate	5.030	43	2908	1.099	ug/l #	80
19) Methyl tert-butyl Ether	5.789	73	5156	0.887	ug/l #	87
20) Methylene Chloride	5.265	84	2190	1.016	ug/l #	87
21) trans-1,2-Dichloroethene	5.794	96	2110	1.102	ug/l #	66
22) Diisopropyl ether	6.677	45	5691	0.882	ug/l #	88
23) Vinyl Acetate	6.606	43	22593	4.988	ug/l	98
24) 1,1-Dichloroethane	6.553	63	2873	0.730	ug/l #	84
25) 2-Butanone	7.483	43	5203	4.062	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	3104	0.976	ug/l	92
27) cis-1,2-Dichloroethene	7.477	96	2185	0.969	ug/l	92
28) Bromochloromethane	7.812	49	2082	1.138	ug/l #	89
29) Tetrahydrofuran	7.835	42	3693	4.548	ug/l	98
30) Chloroform	7.965	83	4250	1.045	ug/l #	80
31) Cyclohexane	8.218	56	7152	2.092	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	3678	1.031	ug/l #	56
36) 1,1-Dichloropropene	8.371	75	3084	1.046	ug/l #	84
37) Ethyl Acetate	7.553	43	911	0.306	ug/l #	88
38) Carbon Tetrachloride	8.359	117	3436	1.018	ug/l	90
39) Methylcyclohexane	9.600	83	2403	0.867	ug/l #	87
40) Benzene	8.606	78	8480	0.957	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	1458	0.941	ug/l #	76
42) 1,2-Dichloroethane	8.665	62	3131	0.938	ug/l	91
43) Isopropyl Acetate	8.682	43	4803	1.007	ug/l #	87
44) Trichloroethene	9.347	130	2133	1.034	ug/l	71
45) 1,2-Dichloropropane	9.618	63	2246	0.992	ug/l	99
46) Dibromomethane	9.706	93	1769	1.083	ug/l	92
47) Bromodichloromethane	9.882	83	2935	0.882	ug/l	90
48) Methyl methacrylate	9.677	41	1886	0.878	ug/l	96
49) 1,4-Dioxane	9.688	88	673	18.616	ug/l #	47
51) 4-Methyl-2-Pentanone	10.441	43	11523	4.163	ug/l	93
52) Toluene	10.618	92	4180	0.814	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	2522	0.802	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	2725	0.811	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	1901	0.935	ug/l	91
56) Ethyl methacrylate	10.871	69	1923	2.471	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	3113	0.881	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.153	63	4929	3.822	ug/l	91
59) 2-Hexanone	11.194	43	7905	4.058	ug/l	87
60) Dibromochloromethane	11.359	129	2339	0.953	ug/l	98
61) 1,2-Dibromoethane	11.465	107	2022	1.000	ug/l	90
64) Tetrachloroethene	11.106	164	1658	0.947	ug/l #	83
65) Chlorobenzene	11.888	112	5401	0.960	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	2185	1.058	ug/l #	64
67) Ethyl Benzene	11.959	91	7347	0.802	ug/l	94
68) m/p-Xylenes	12.070	106	5059	1.494	ug/l	100
69) o-Xylene	12.394	106	2478	0.766	ug/l	97
70) Styrene	12.406	104	3812	0.712	ug/l	99
71) Bromoform	12.582	173	1208	0.818	ug/l #	88
73) Isopropylbenzene	12.688	105	5506	0.820	ug/l	98
74) N-amyl acetate	12.494	43	2716	0.899	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	2616	1.102	ug/l #	96
76) 1,2,3-Trichloropropane	12.982	75	3212	1.590	ug/l	42
77) Bromobenzene	12.976	156	1733	0.987	ug/l	97
78) n-propylbenzene	13.029	91	6424	0.808	ug/l	93
79) 2-Chlorotoluene	13.117	91	4483	0.871	ug/l	97
80) 1,3,5-Trimethylbenzene	13.165	105	4301	0.775	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.735	75	695	0.929	ug/l #	76
82) 4-Chlorotoluene	13.223	91	4268	0.833	ug/l	99
83) tert-Butylbenzene	13.435	119	3753	0.805	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	3758	0.679	ug/l	93
85) sec-Butylbenzene	13.612	105	4614	0.714	ug/l	99
86) p-Isopropyltoluene	13.723	119	3538	0.716	ug/l	98
87) 1,3-Dichlorobenzene	13.723	146	3038	0.940	ug/l	95
88) 1,4-Dichlorobenzene	13.723	146	3038	0.907	ug/l	95
89) n-Butylbenzene	14.053	91	3527	0.761	ug/l	93
90) Hexachloroethane	14.341	117	1355	1.102	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	3515	1.090	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.711	75	402	0.928	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	1310	0.874	ug/l #	80
94) Hexachlorobutadiene	15.500	225	822	1.033	ug/l	89
95) Naphthalene	15.641	128	4210	0.941	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.835	180	1494	0.985	ug/l #	86

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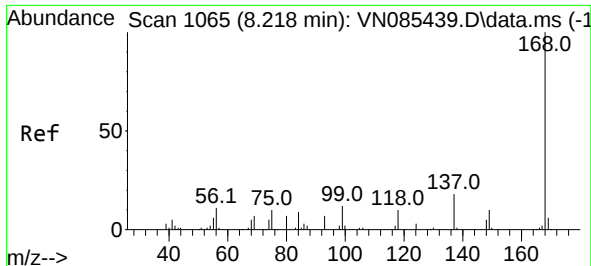
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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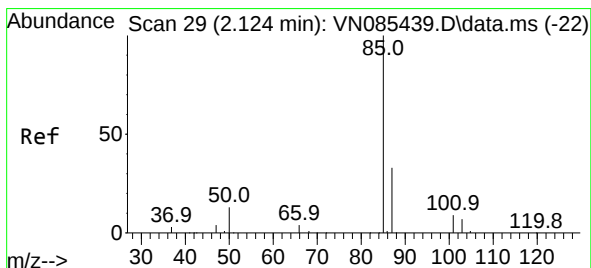
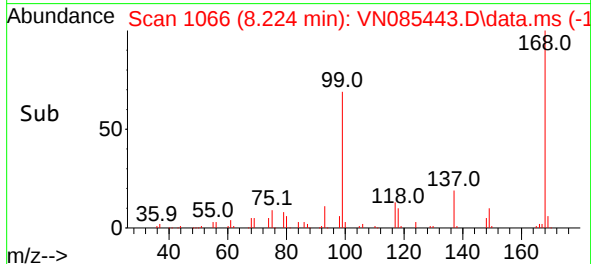
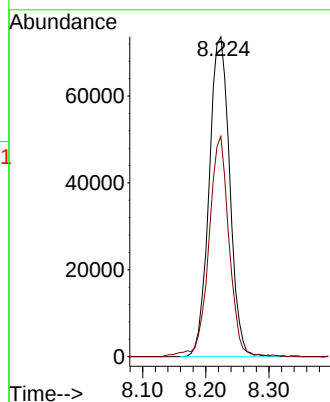
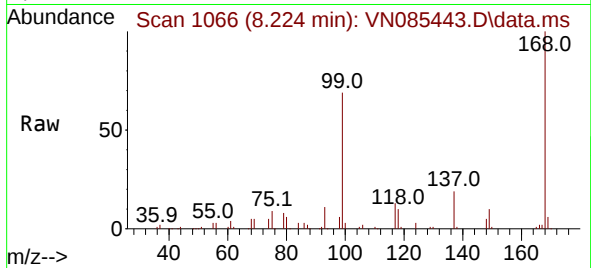




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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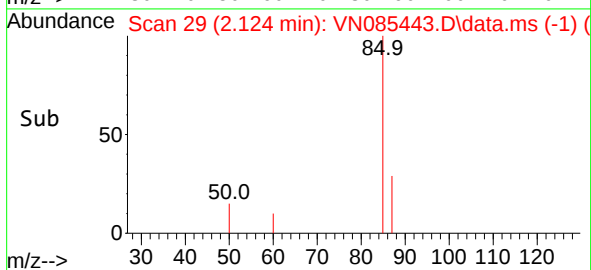
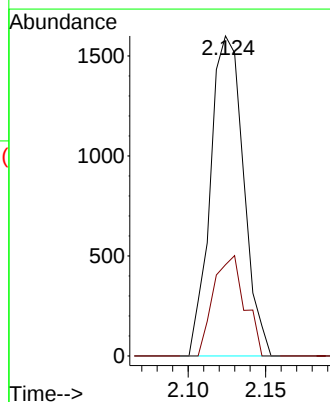
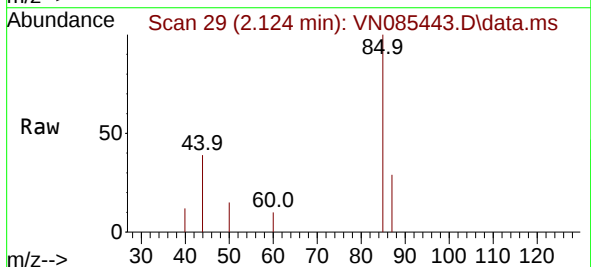
Instrument :
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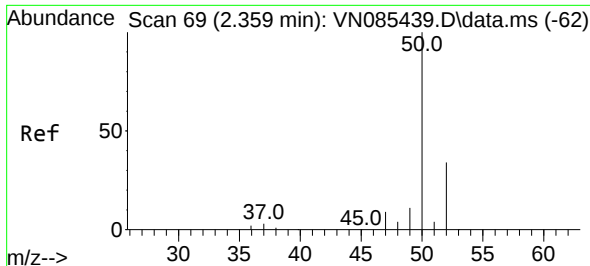
Tgt Ion:168 Resp: 166880
Ion Ratio Lower Upper
168 100
99 68.6 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 1.054 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 85 Resp: 2382
Ion Ratio Lower Upper
85 100
87 28.5 16.7 50.1

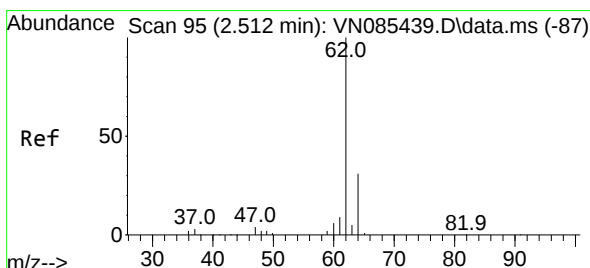
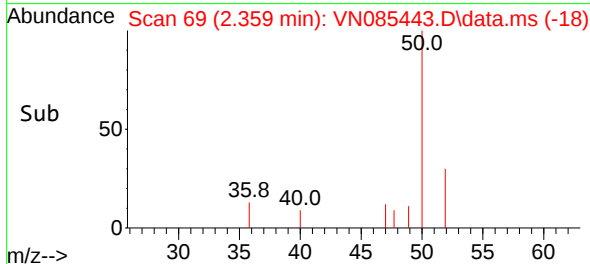
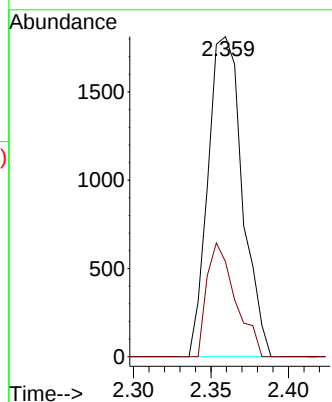
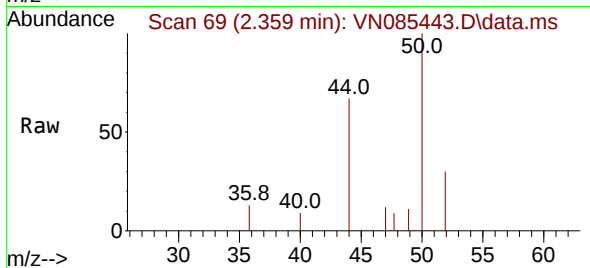




#3
Chloromethane
Concen: 1.145 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

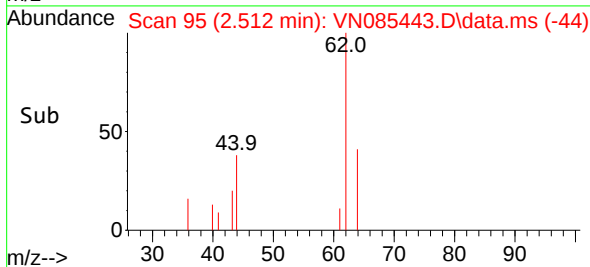
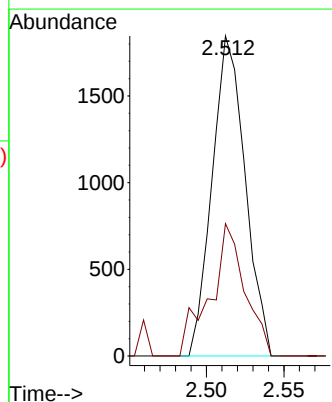
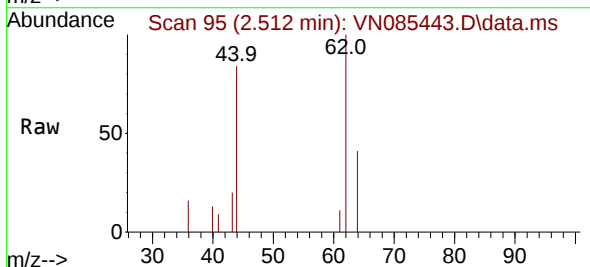
Instrument :
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ClientSampleId :
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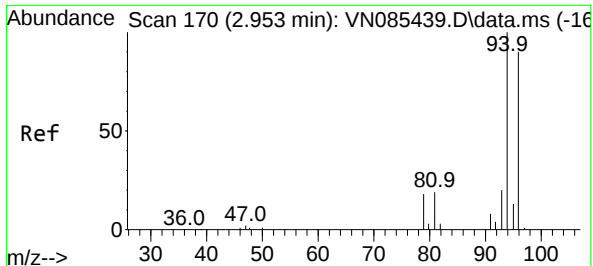
Tgt Ion: 50 Resp: 2801
Ion Ratio Lower Upper
50 100
52 29.7 27.0 40.6



#4
Vinyl Chloride
Concen: 1.111 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 62 Resp: 2732
Ion Ratio Lower Upper
62 100
64 41.4 24.8 37.2#

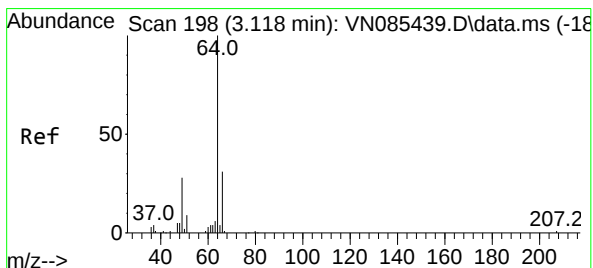
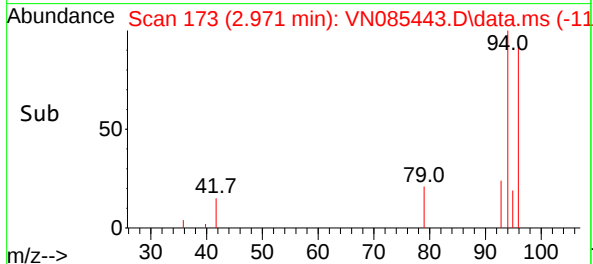
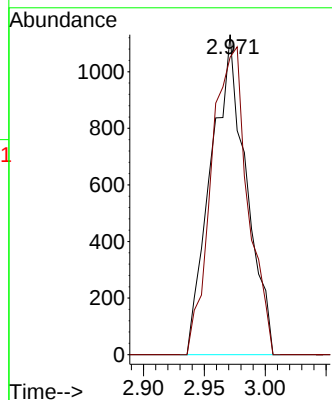
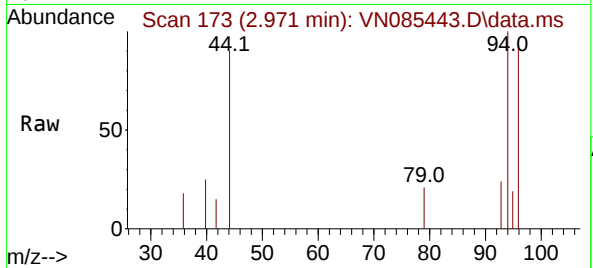




#5
Bromomethane
Concen: 1.534 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

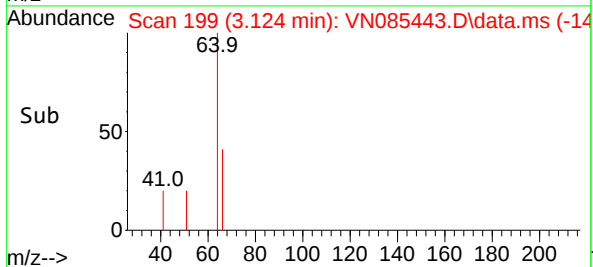
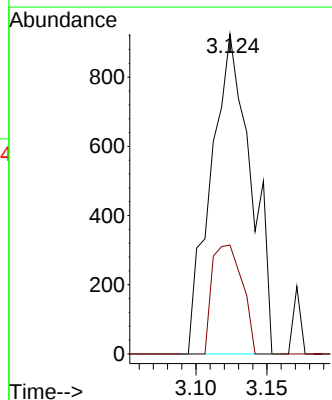
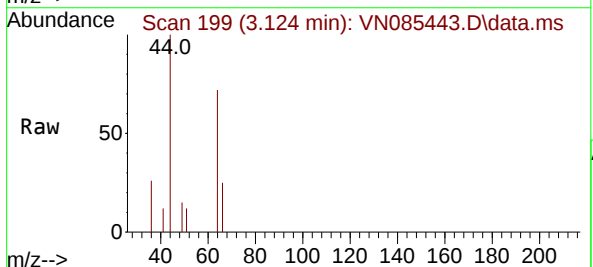
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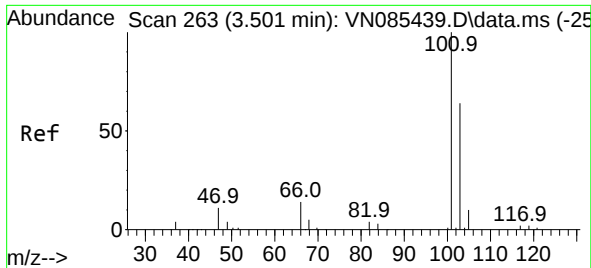
Tgt Ion: 94 Resp: 2279
Ion Ratio Lower Upper
94 100
96 92.9 71.8 107.6



#6
Chloroethane
Concen: 1.160 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 64 Resp: 1809
Ion Ratio Lower Upper
64 100
66 34.1 24.6 36.8

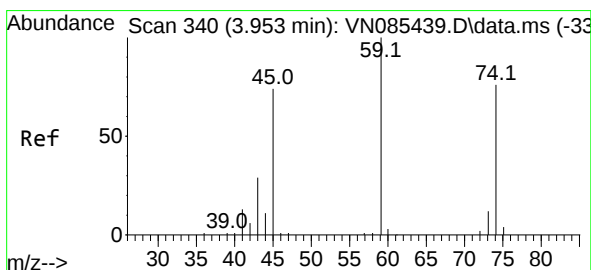
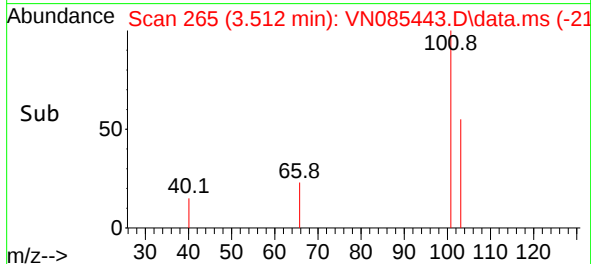
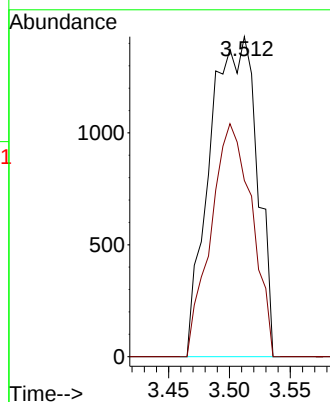
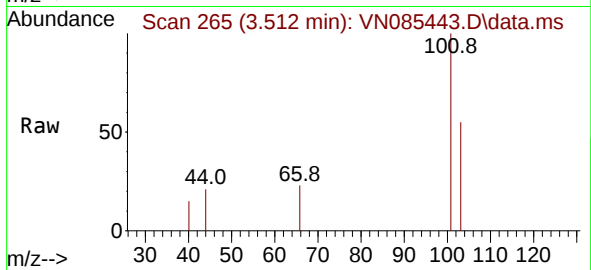




#7
 Trichlorofluoromethane
 Concen: 1.082 ug/l
 RT: 3.512 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

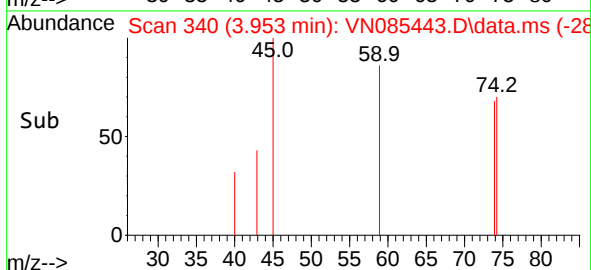
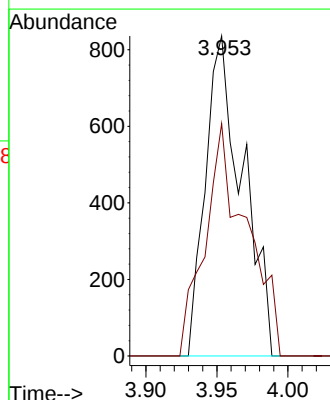
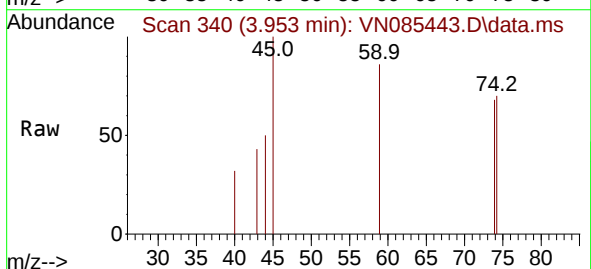
Instrument :
 MSVOA_N
 ClientSampleId :
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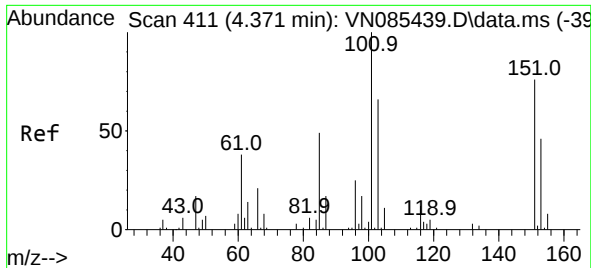
Tgt Ion:101 Resp: 3860
 Ion Ratio Lower Upper
 101 100
 103 55.0 51.4 77.2



#8
 Diethyl Ether
 Concen: 1.238 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN085443.D
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Tgt Ion: 74 Resp: 1526
 Ion Ratio Lower Upper
 74 100
 45 80.9 49.7 149.1

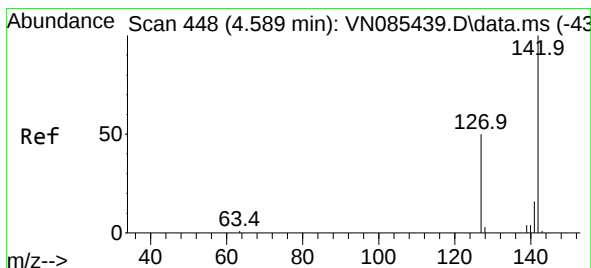
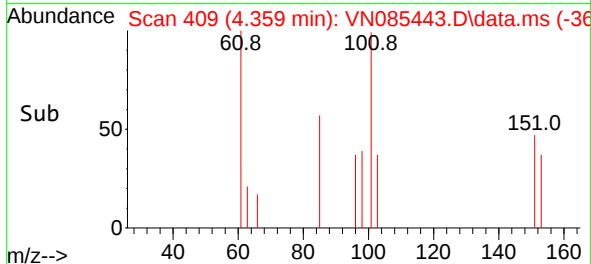
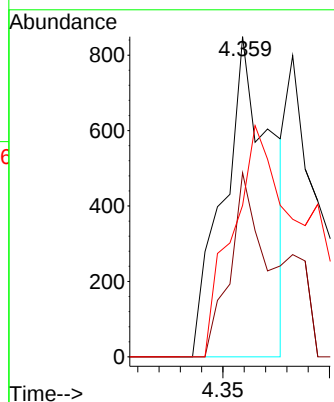
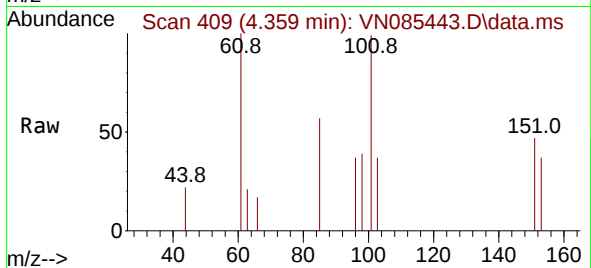




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.651 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

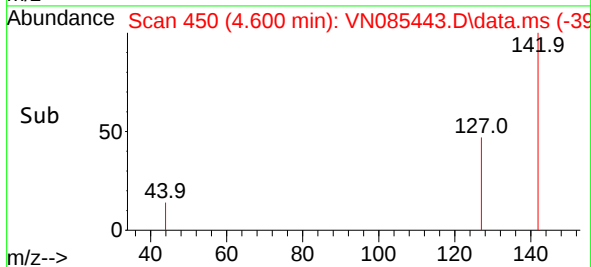
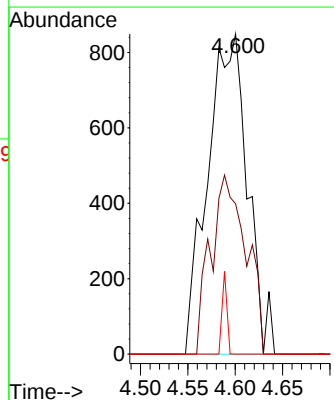
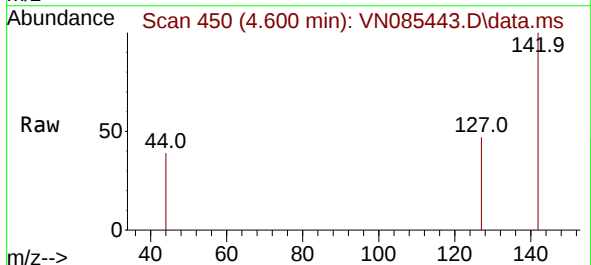
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

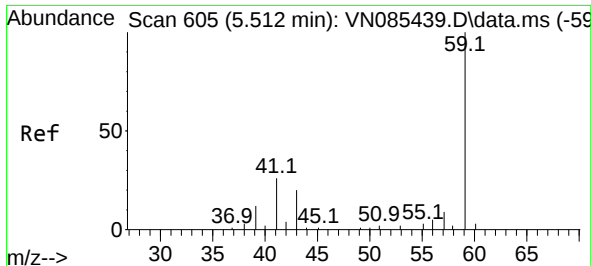
Tgt Ion:101 Resp: 1308
Ion Ratio Lower Upper
101 100
85 58.3 37.8 56.8#
151 109.4 58.8 88.2#



#10
Methyl Iodide
Concen: 1.077 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion:142 Resp: 2478
Ion Ratio Lower Upper
142 100
127 47.0 40.3 60.5
141 0.0 12.8 19.2#

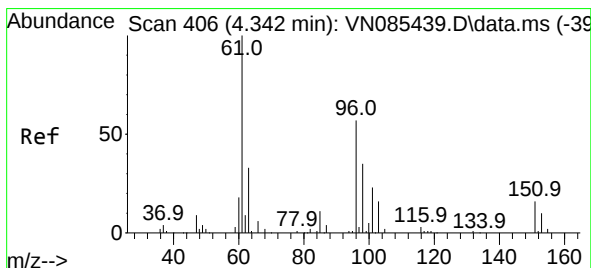
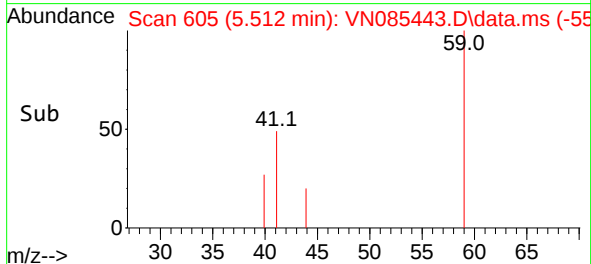
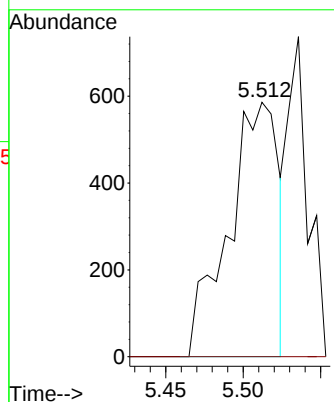
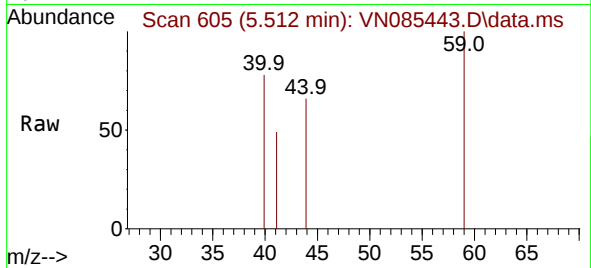




#11
Tert butyl alcohol
Concen: 4.260 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

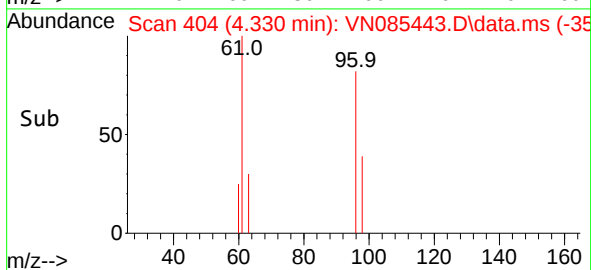
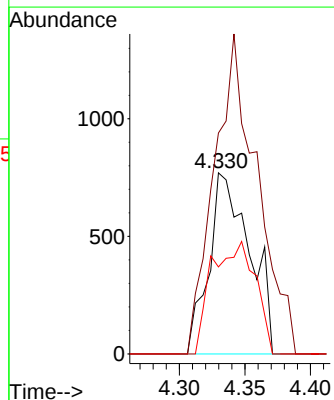
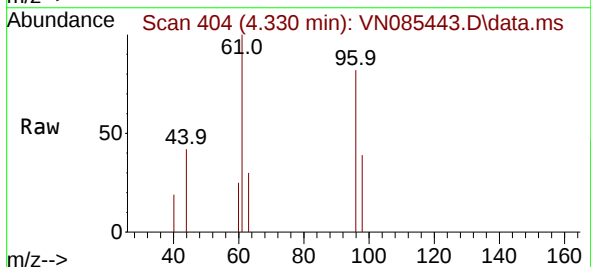
Instrument : MSVOA_N
ClientSampleId : VSTDIC001

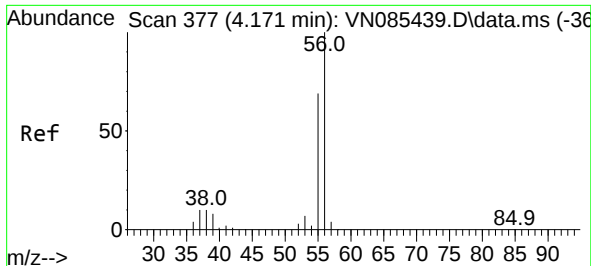
Tgt Ion: 59 Resp: 1314
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 0.927 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 96 Resp: 1660
Ion Ratio Lower Upper
96 100
61 122.1 141.0 211.4#
98 48.1 49.0 73.6#





#13

Acrolein

Concen: 3.586 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

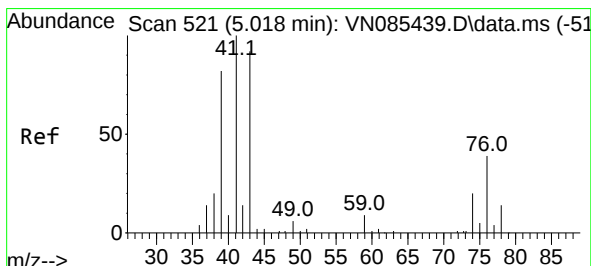
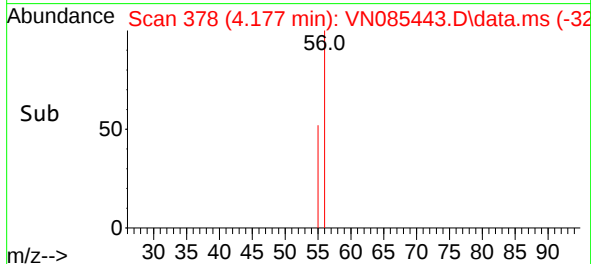
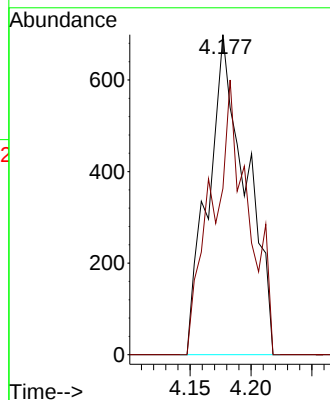
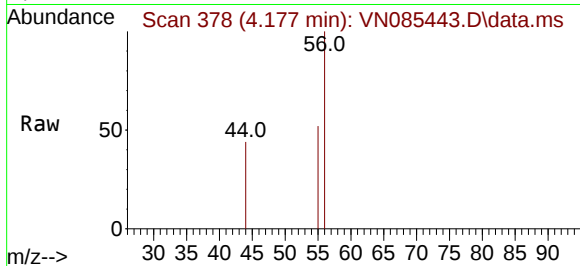
VSTDICC001

Tgt Ion: 56 Resp: 1510

Ion Ratio Lower Upper

56 100

55 81.8 56.3 84.5



#14

Allyl chloride

Concen: 1.094 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

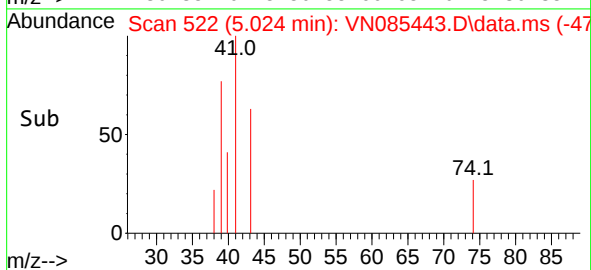
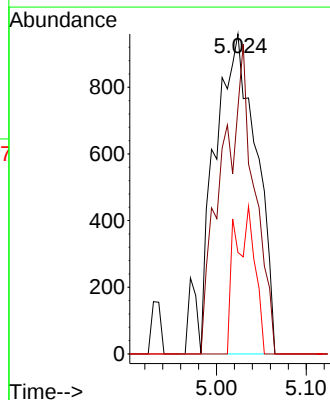
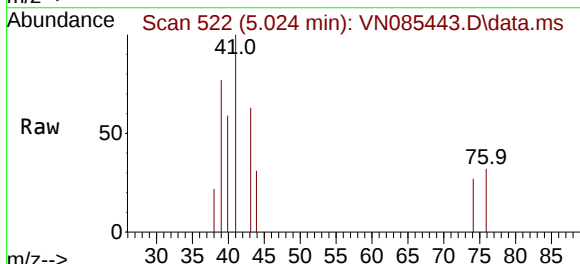
Tgt Ion: 41 Resp: 3179

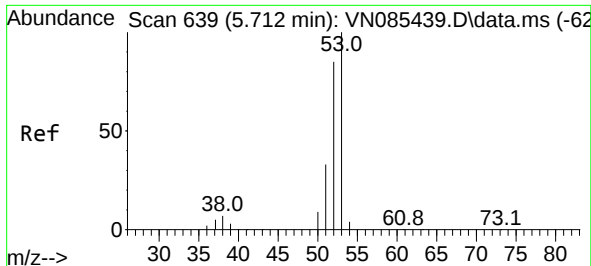
Ion Ratio Lower Upper

41 100

39 73.1 64.4 96.6

76 21.4 30.5 45.7#

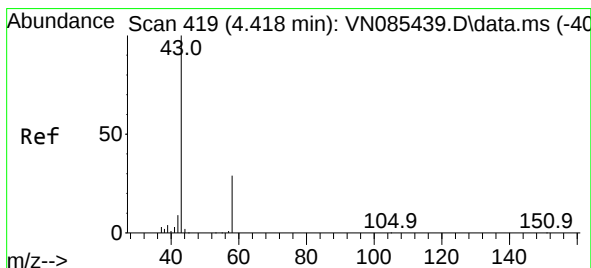
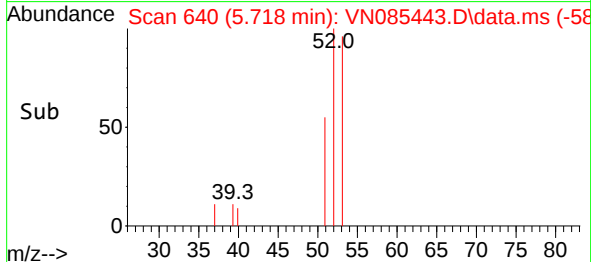
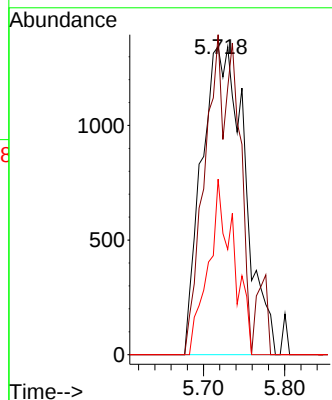
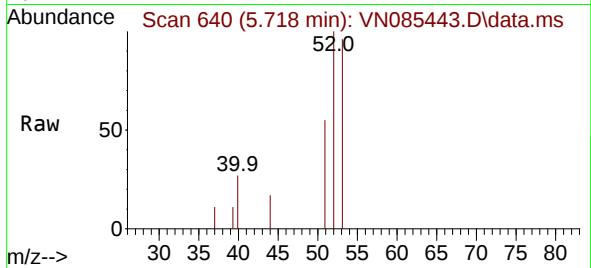




#15
Acrylonitrile
Concen: 5.070 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

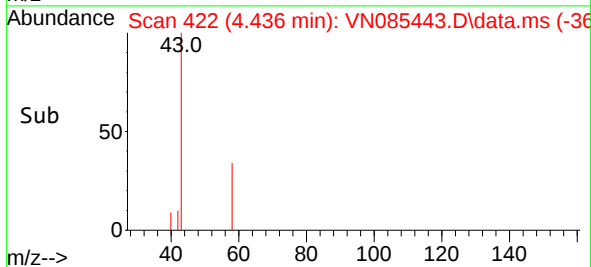
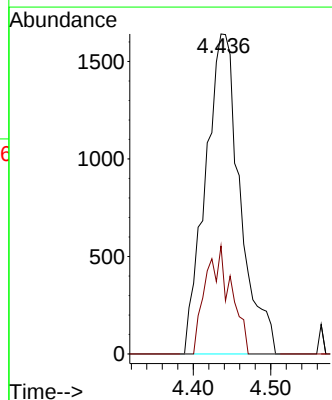
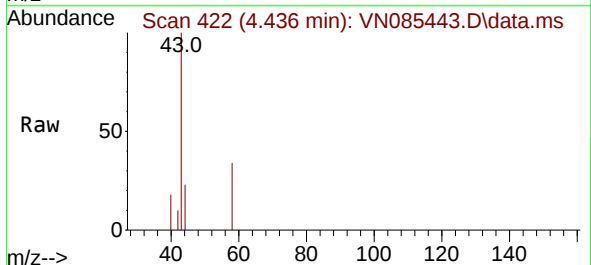
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

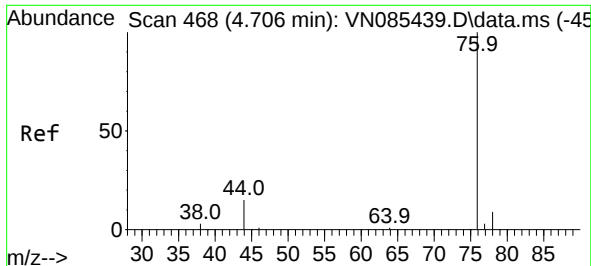
Tgt Ion: 53 Resp: 4967
Ion Ratio Lower Upper
53 100
52 45.1 65.5 98.3#
51 33.3 29.8 44.8



#16
Acetone
Concen: 5.862 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 43 Resp: 5102
Ion Ratio Lower Upper
43 100
58 33.8 23.8 35.6

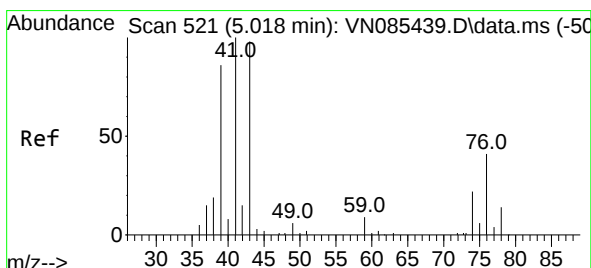
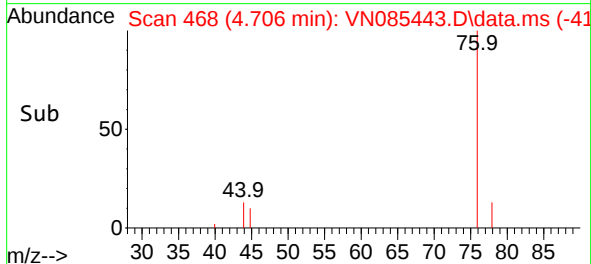
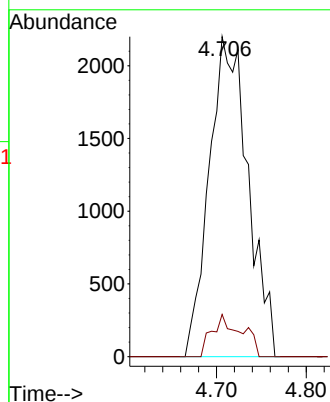
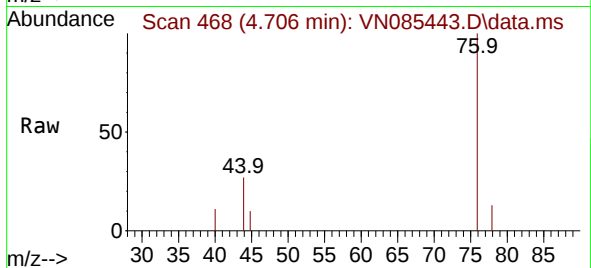




#17
Carbon Disulfide
Concen: 1.197 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

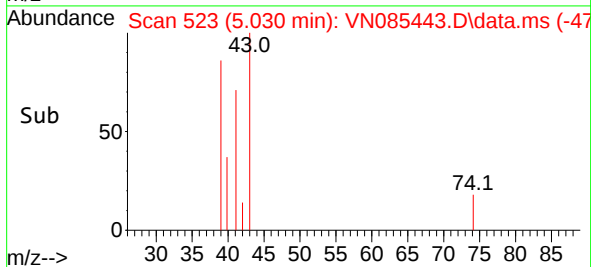
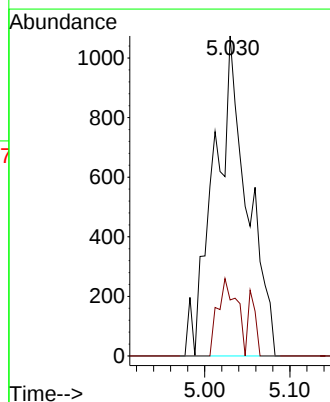
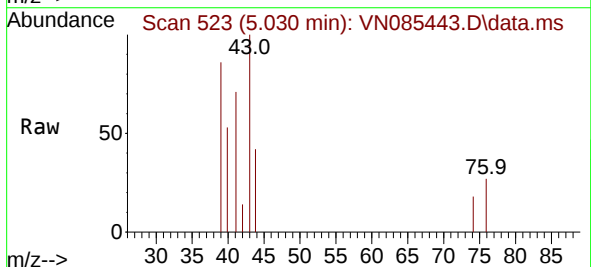
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

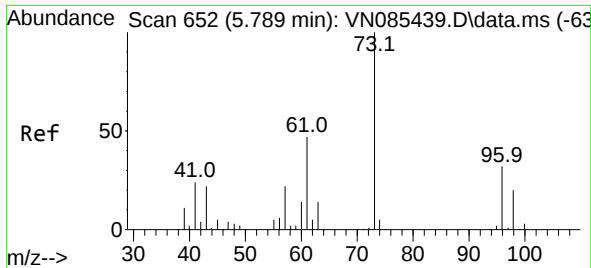
Tgt Ion: 76 Resp: 6601
Ion Ratio Lower Upper
76 100
78 13.2 6.9 10.3#



#18
Methyl Acetate
Concen: 1.099 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 43 Resp: 2908
Ion Ratio Lower Upper
43 100
74 13.8 18.6 28.0#

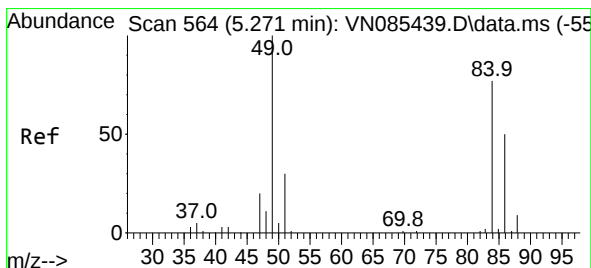
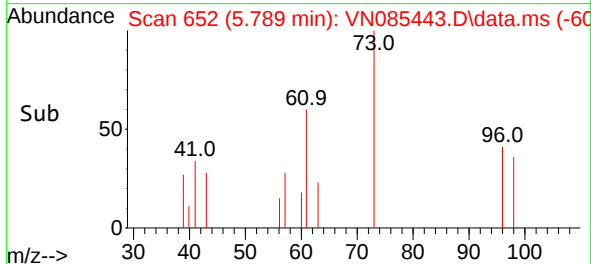
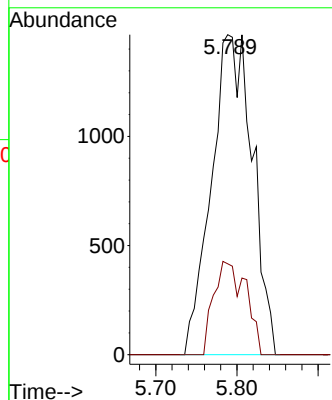
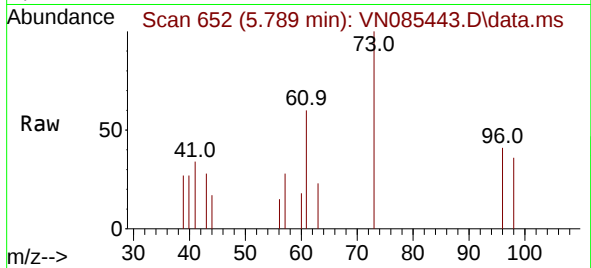




#19
Methyl tert-butyl Ether
Concen: 0.887 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

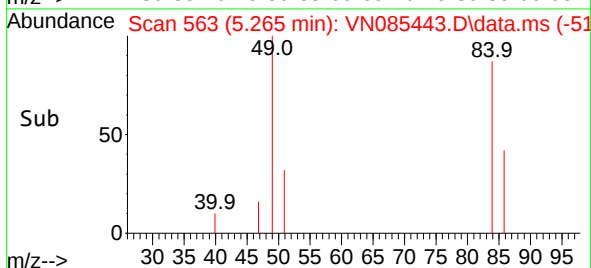
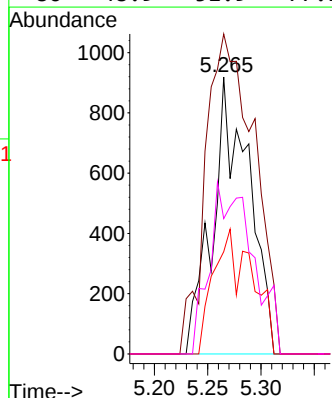
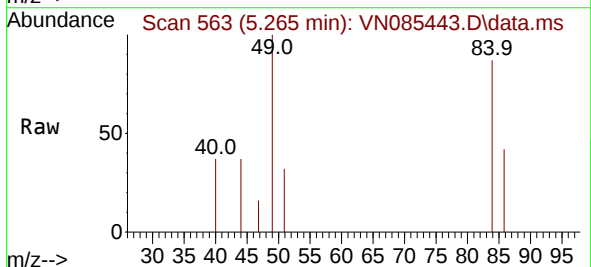
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

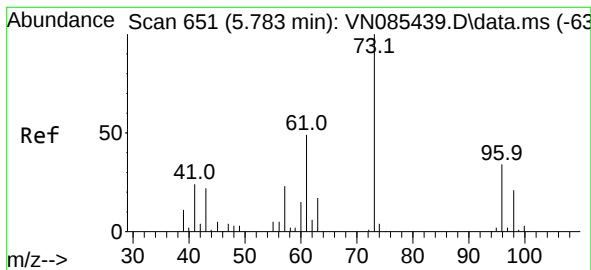
Tgt Ion: 73 Resp: 5156
Ion Ratio Lower Upper
73 100
57 28.4 17.8 26.8#



#20
Methylene Chloride
Concen: 1.016 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 84 Resp: 2190
Ion Ratio Lower Upper
84 100
49 115.6 104.1 156.1
51 36.9 31.0 46.4
86 48.9 51.9 77.9#





#21

trans-1,2-Dichloroethene

Concen: 1.102 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

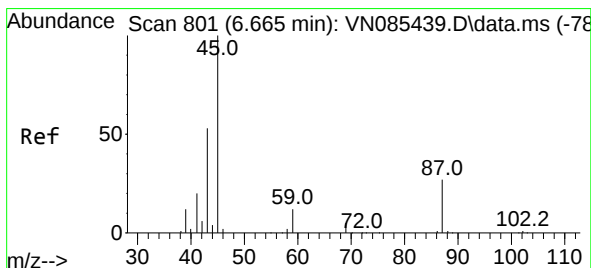
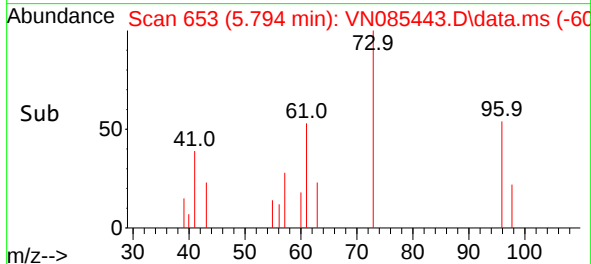
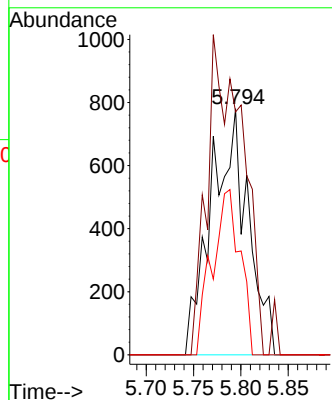
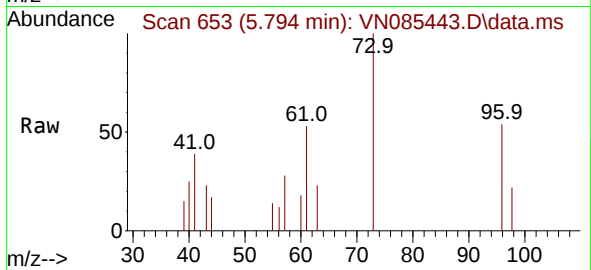
Tgt Ion: 96 Resp: 2110

Ion Ratio Lower Upper

96 100

61 98.7 115.7 173.5#

98 41.8 49.8 74.8#



#22

Diisopropyl ether

Concen: 0.882 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.012 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Tgt Ion: 45 Resp: 5691

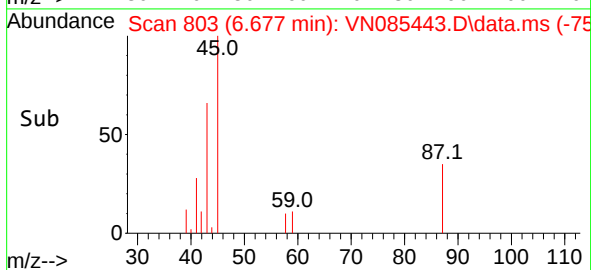
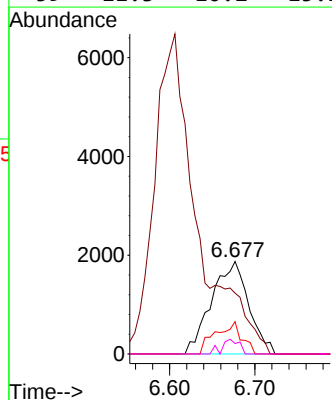
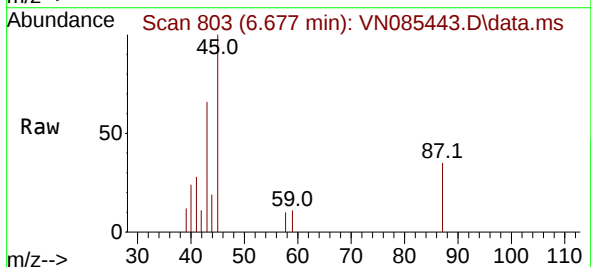
Ion Ratio Lower Upper

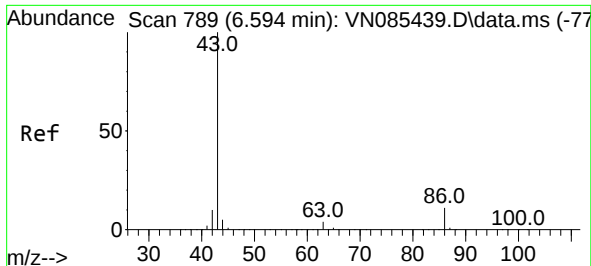
45 100

43 65.9 45.0 67.6

87 35.0 21.8 32.8#

59 11.3 10.2 15.2

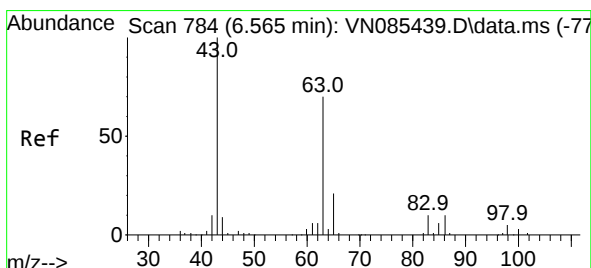
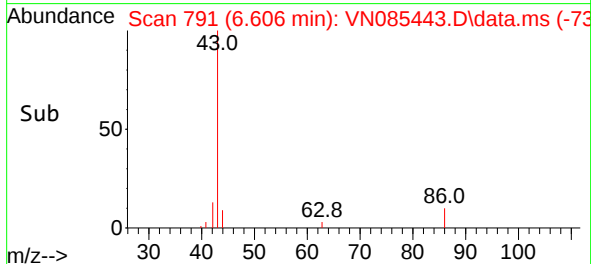
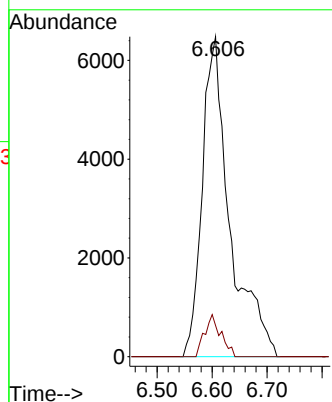
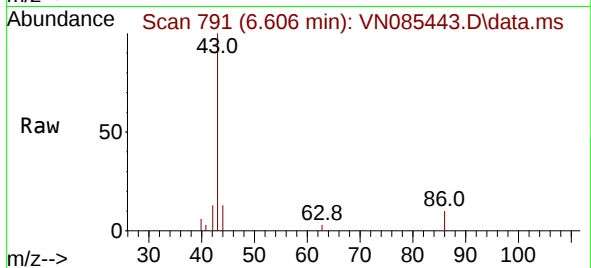




#23
 Vinyl Acetate
 Concen: 4.988 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

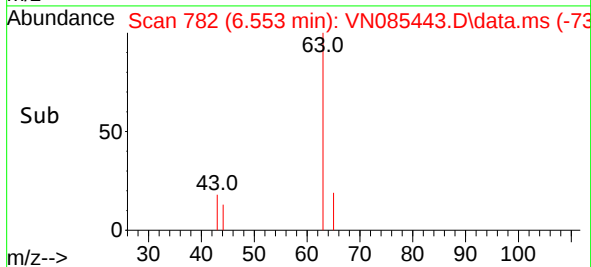
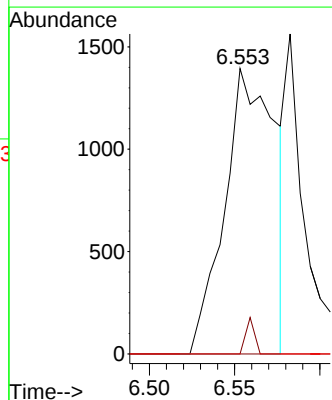
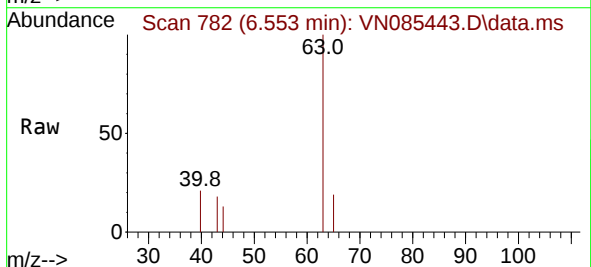
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

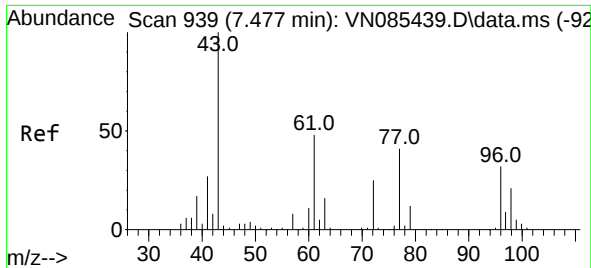
Tgt Ion: 43 Resp: 22593
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 0.730 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.012 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

Tgt Ion: 63 Resp: 2873
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.0 6.0#

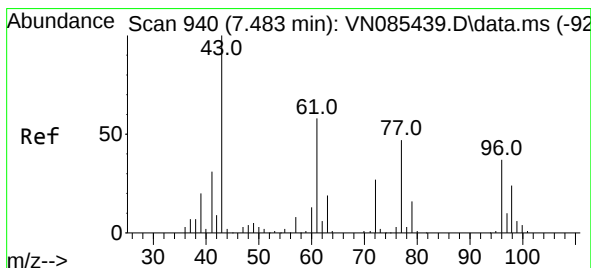
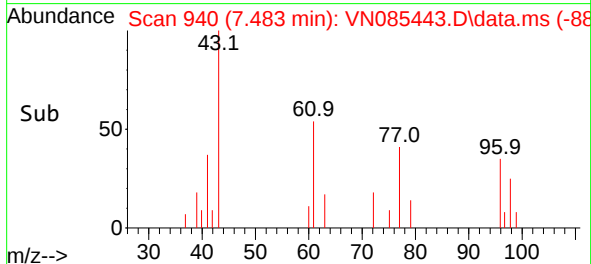
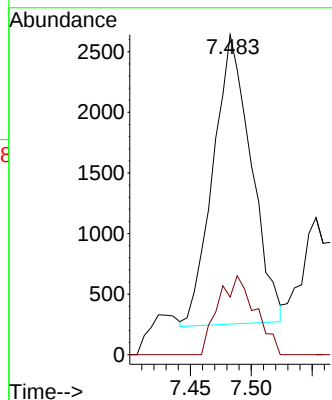
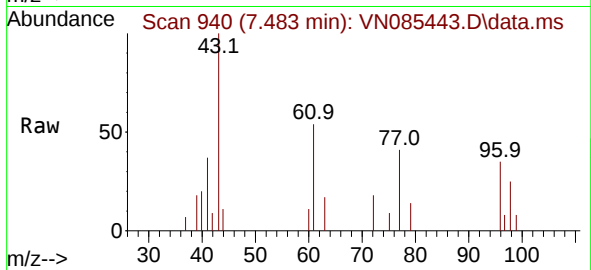




#25
2-Butanone
Concen: 4.062 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

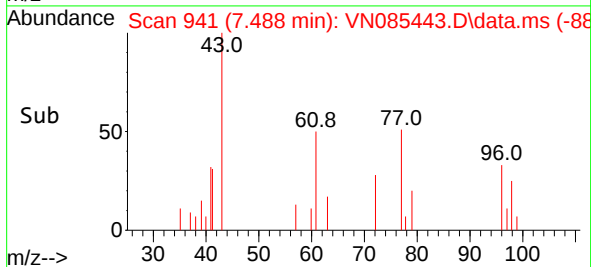
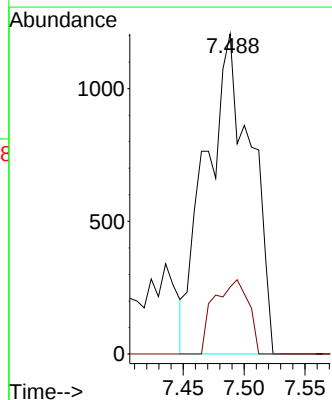
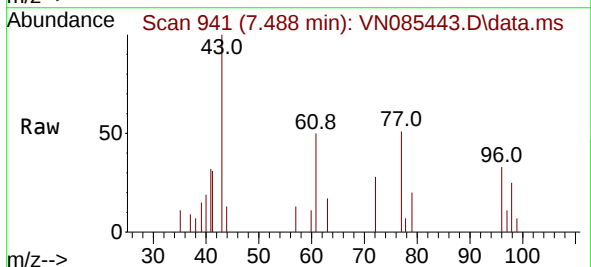
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

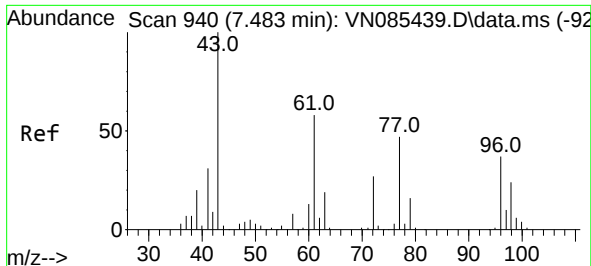
Tgt Ion: 43 Resp: 5203
Ion Ratio Lower Upper
43 100
72 20.1 20.2 30.4#



#26
2,2-Dichloropropane
Concen: 0.976 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 77 Resp: 3104
Ion Ratio Lower Upper
77 100
97 17.7 10.7 32.1



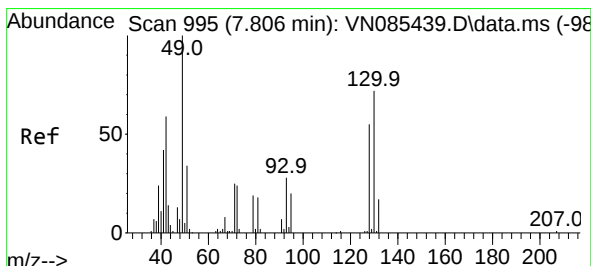
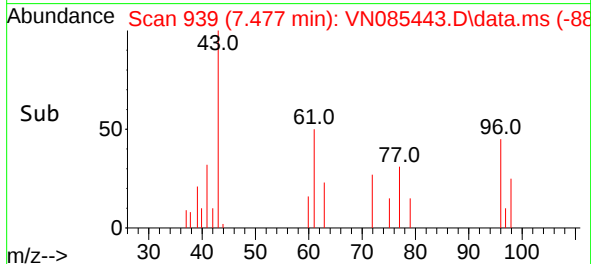
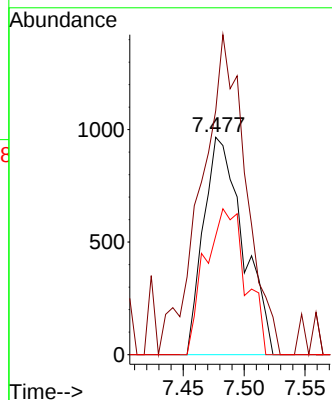
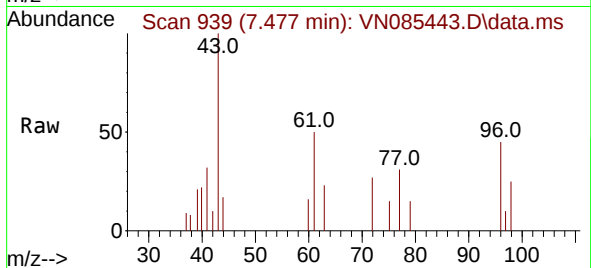


#27
 cis-1,2-Dichloroethene
 Concen: 0.969 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 2185

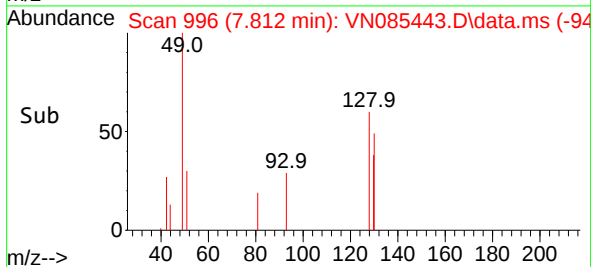
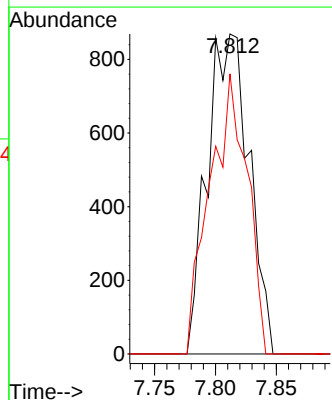
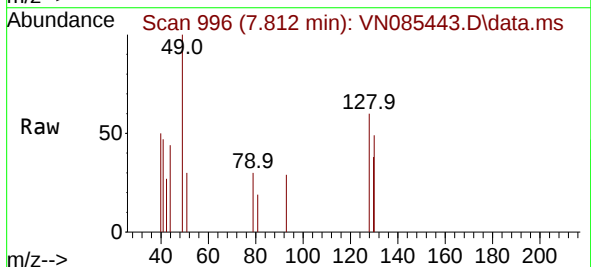
Ion	Ratio	Lower	Upper
96	100		
61	166.1	0.0	311.8
98	68.7	0.0	126.0

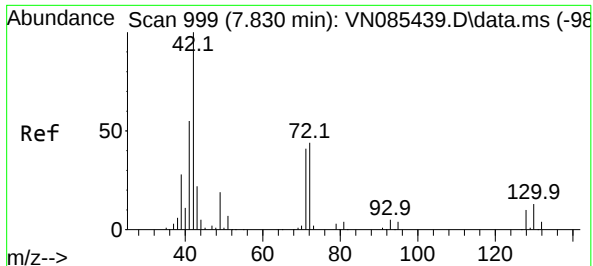


#28
 Bromochloromethane
 Concen: 1.138 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

Tgt Ion: 49 Resp: 2082

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	78.0	55.0	82.4





#29

Tetrahydrofuran

Concen: 4.548 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

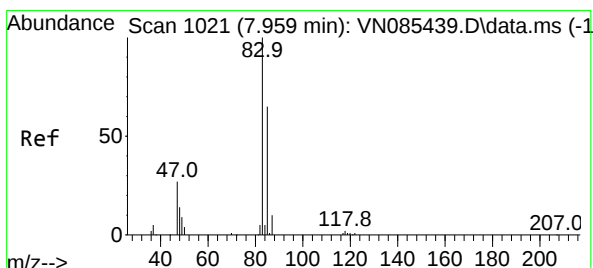
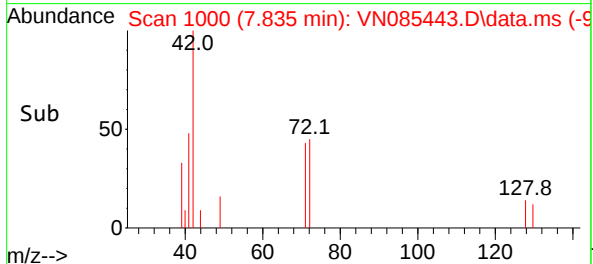
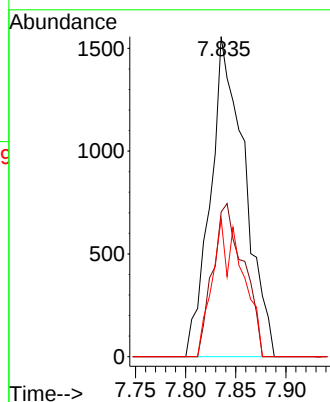
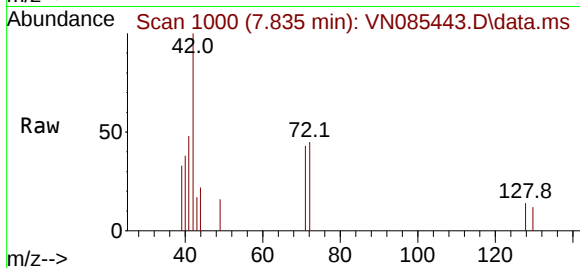
Tgt Ion: 42 Resp: 3693

Ion Ratio Lower Upper

42 100

72 43.1 34.2 51.2

71 37.9 32.5 48.7



#30

Chloroform

Concen: 1.045 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085443.D

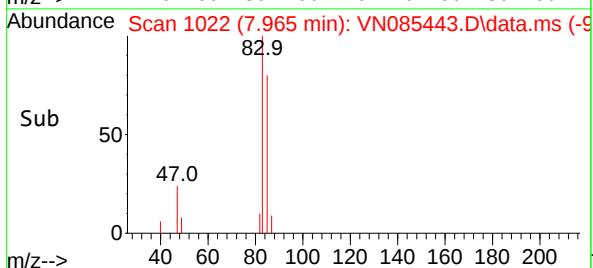
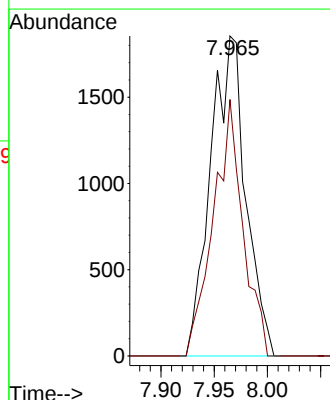
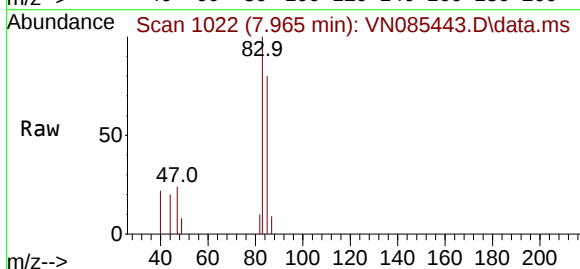
Acq: 14 Jan 2025 17:19

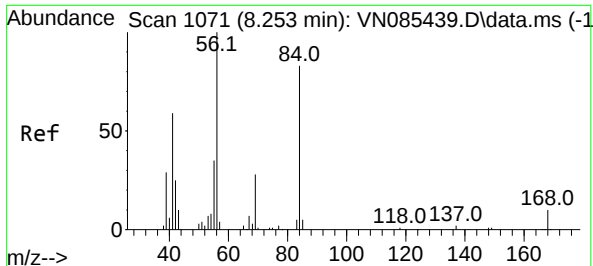
Tgt Ion: 83 Resp: 4250

Ion Ratio Lower Upper

83 100

85 80.2 51.8 77.6#

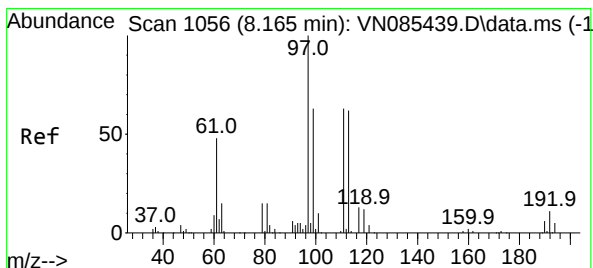
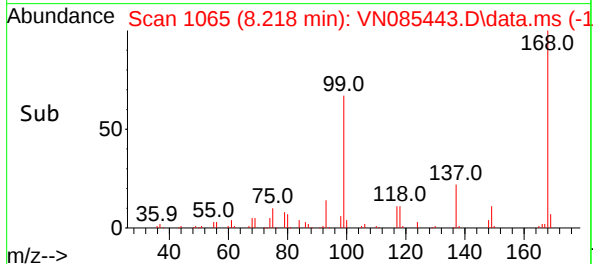
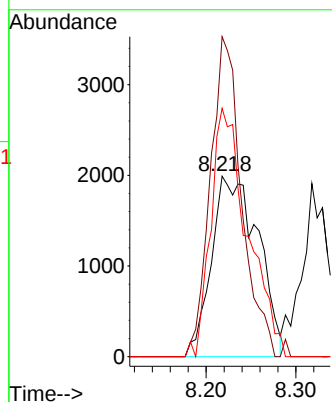
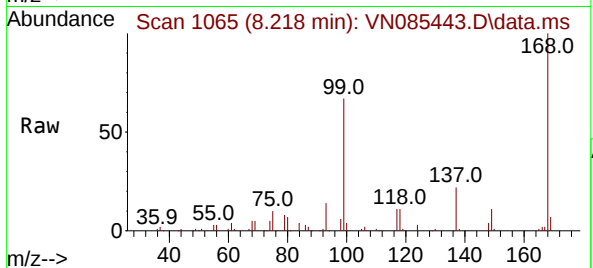




#31
Cyclohexane
Concen: 2.092 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

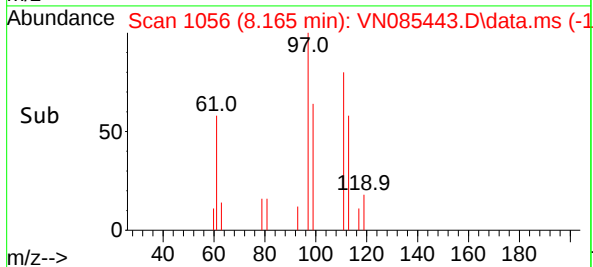
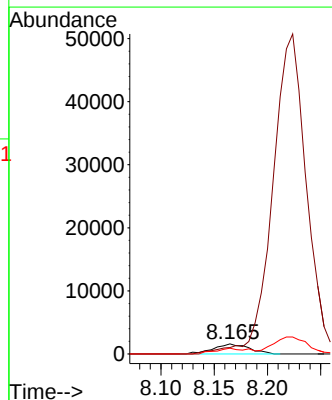
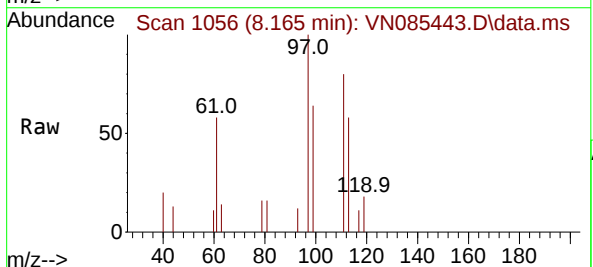
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

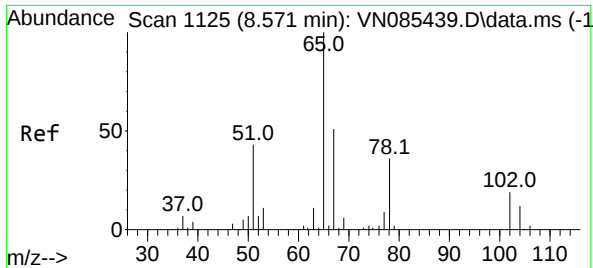
Tgt Ion: 56 Resp: 7152
Ion Ratio Lower Upper
56 100
69 177.3 22.2 33.4#
84 137.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 1.031 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 97 Resp: 3678
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.6#
61 52.2 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 1.215 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

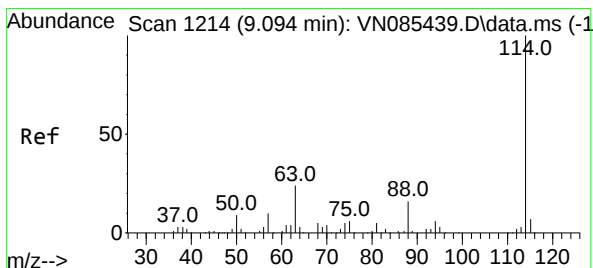
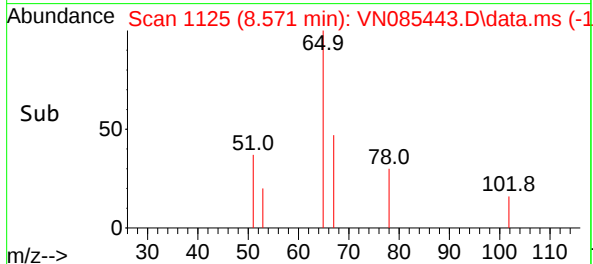
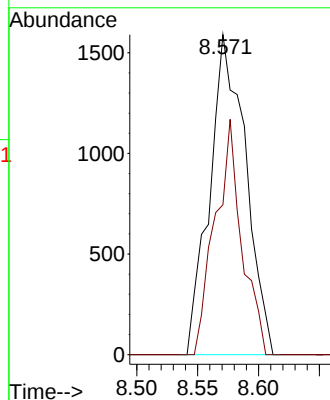
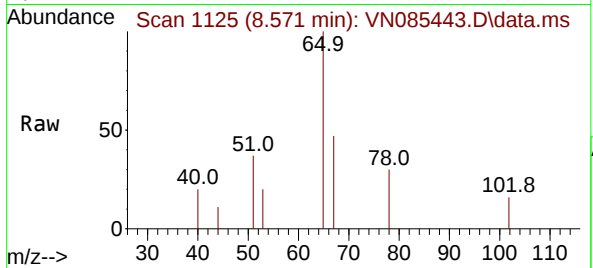
VSTDIC001

Tgt Ion: 65 Resp: 3273

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

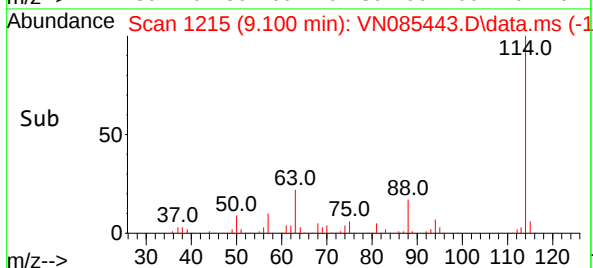
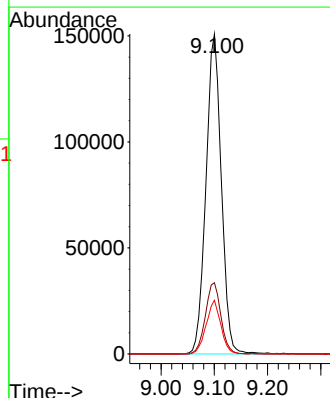
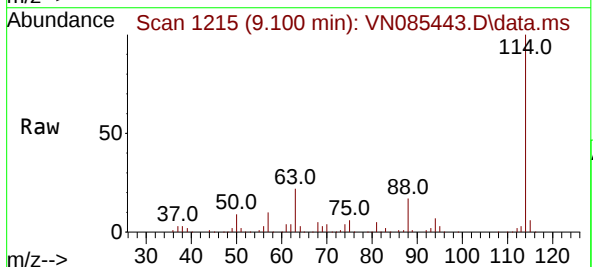
Tgt Ion: 114 Resp: 302938

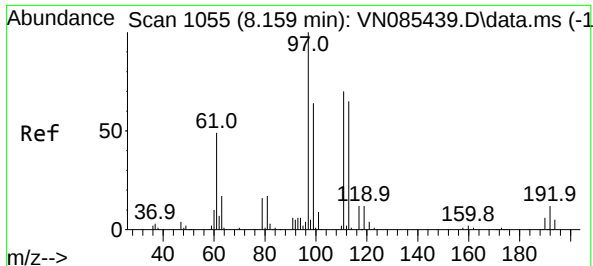
Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.6

88 16.8 0.0 32.6

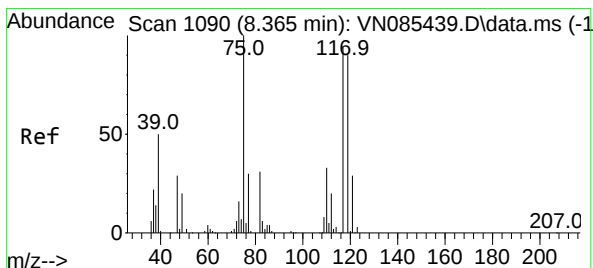
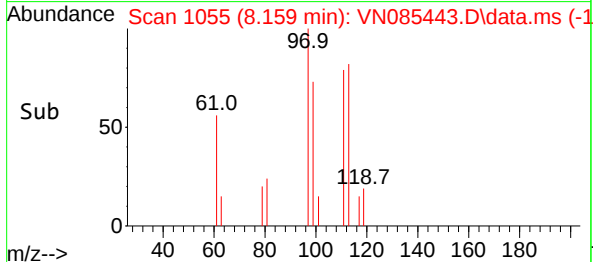
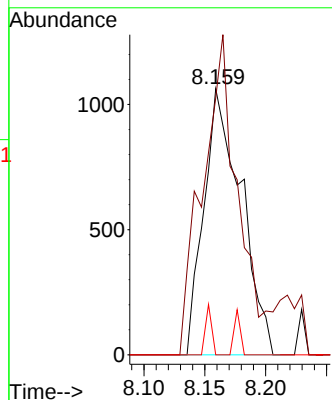
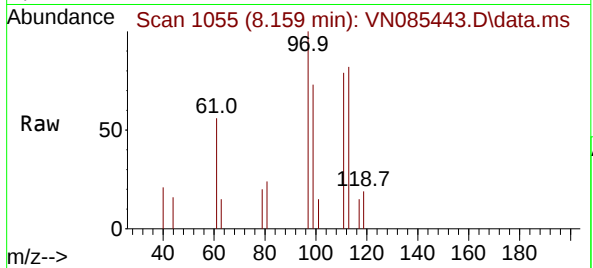




#35
Dibromofluoromethane
Concen: 1.074 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

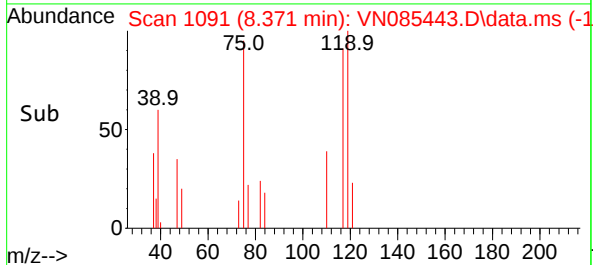
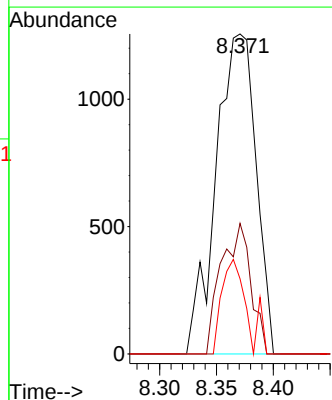
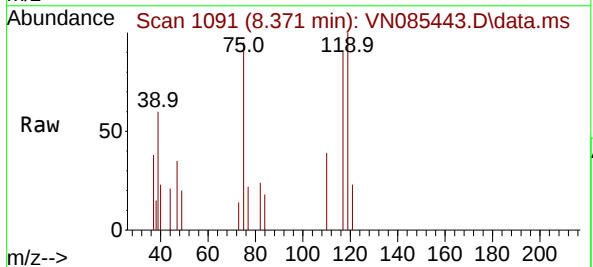
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

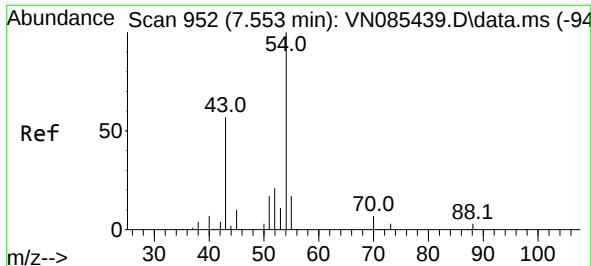
Tgt Ion:113 Resp: 2258
Ion Ratio Lower Upper
113 100
111 116.7 82.7 124.1
192 3.1 14.3 21.5#



#36
1,1-Dichloropropene
Concen: 1.046 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 75 Resp: 3084
Ion Ratio Lower Upper
75 100
110 30.1 16.5 49.5
77 15.9 24.4 36.6#

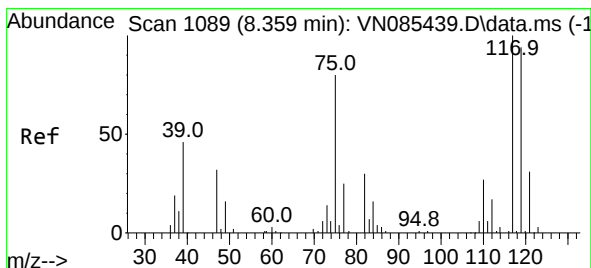
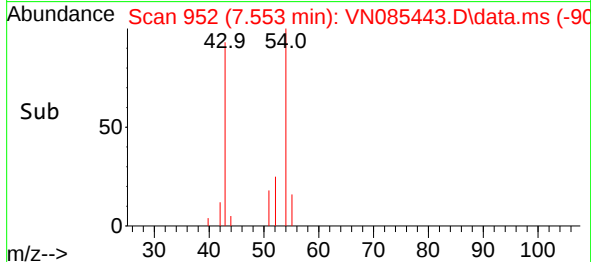
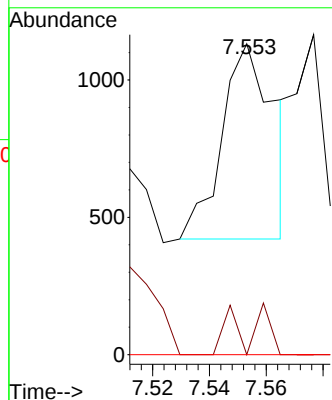
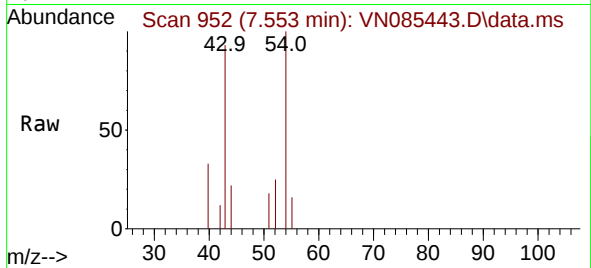




#37
Ethyl Acetate
Concen: 0.306 ug/l
RT: 7.553 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

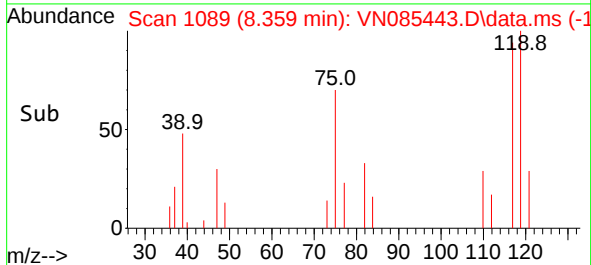
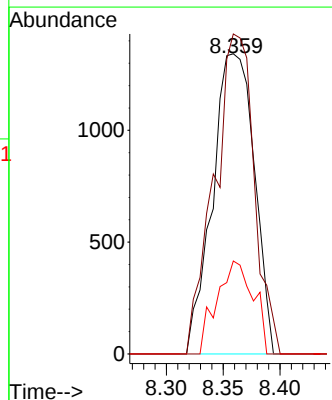
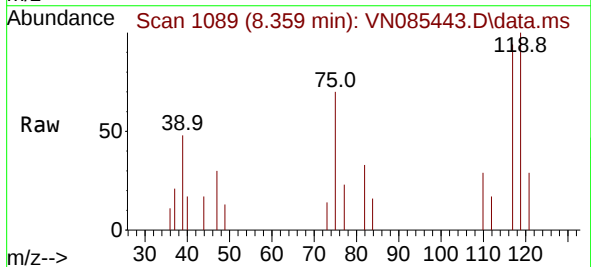
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

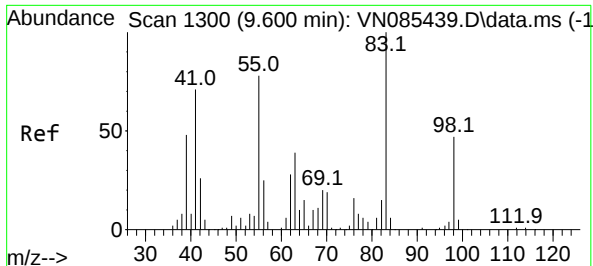
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
61 14.3 10.9 16.3
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 1.018 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 117 Resp: 3436
Ion Ratio Lower Upper
117 100
119 106.6 75.4 113.2
121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 0.867 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

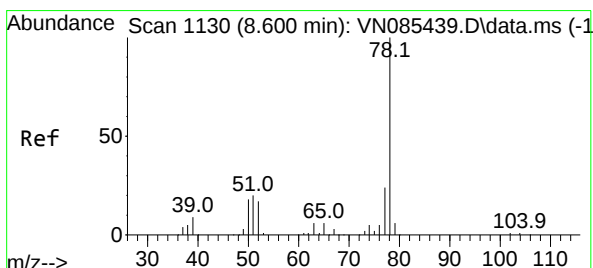
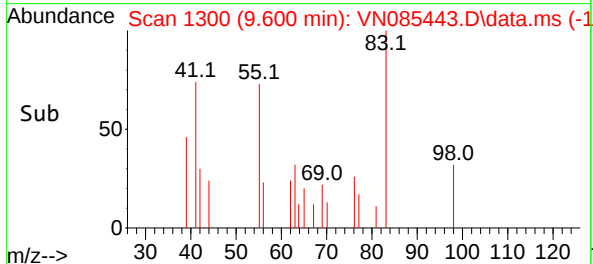
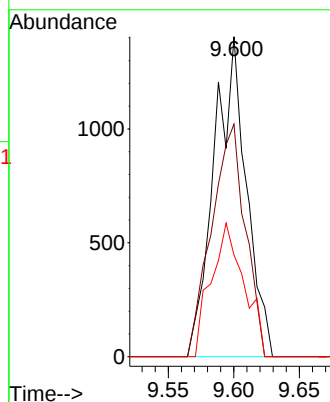
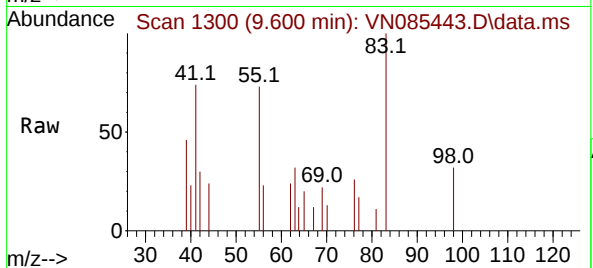
Tgt Ion: 83 Resp: 2403

Ion Ratio Lower Upper

83 100

55 72.7 62.6 94.0

98 31.8 37.7 56.5#



#40

Benzene

Concen: 0.957 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085443.D

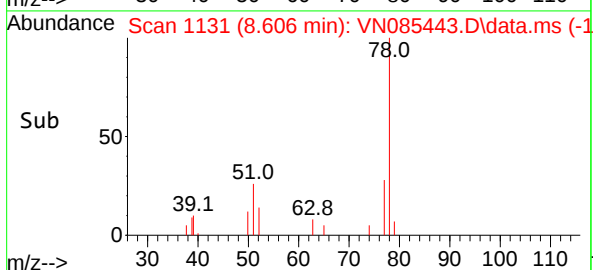
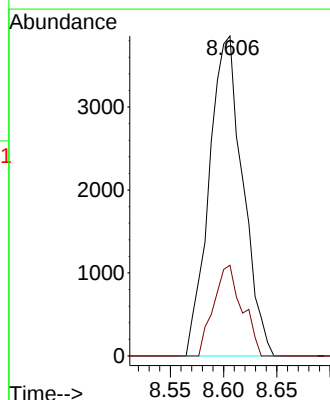
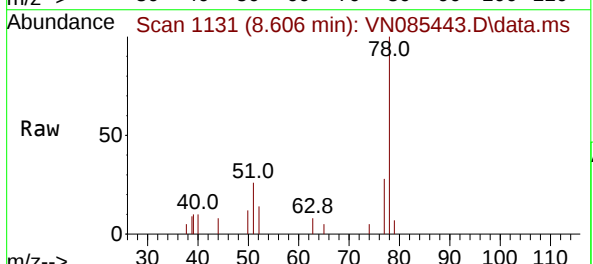
Acq: 14 Jan 2025 17:19

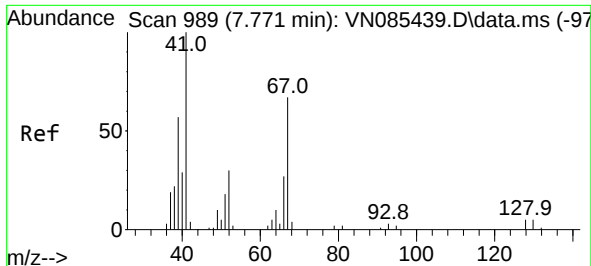
Tgt Ion: 78 Resp: 8480

Ion Ratio Lower Upper

78 100

77 28.3 19.0 28.6

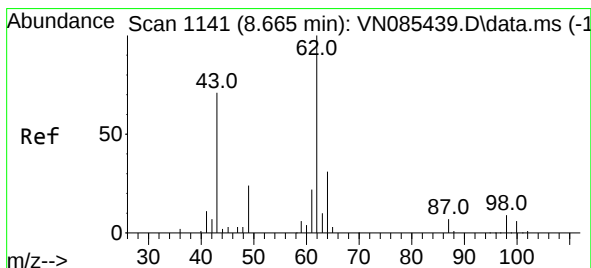
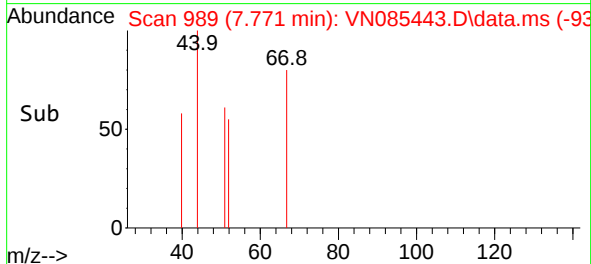
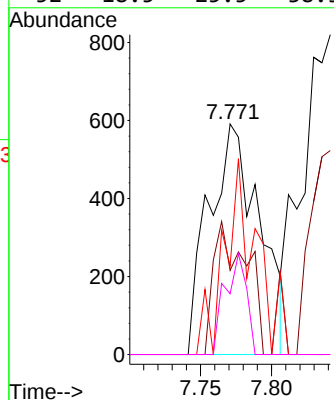
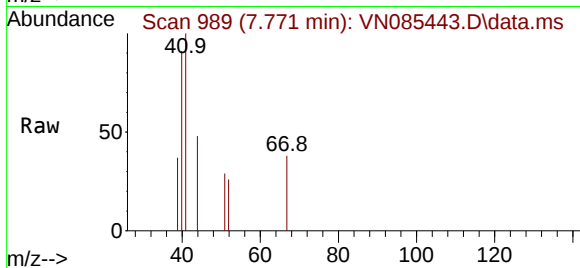




#41
Methacrylonitrile
Concen: 0.941 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

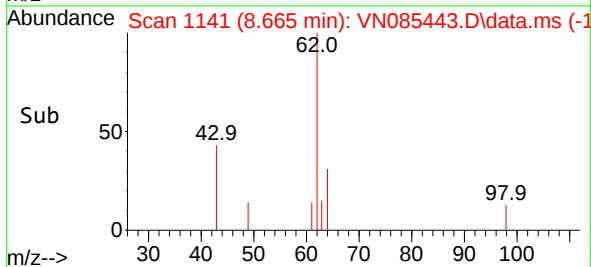
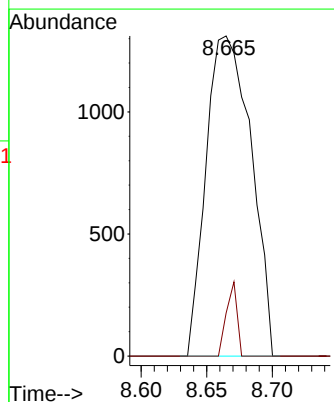
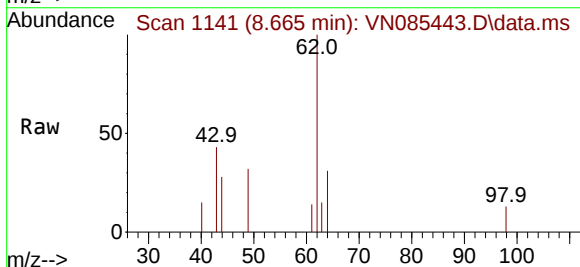
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

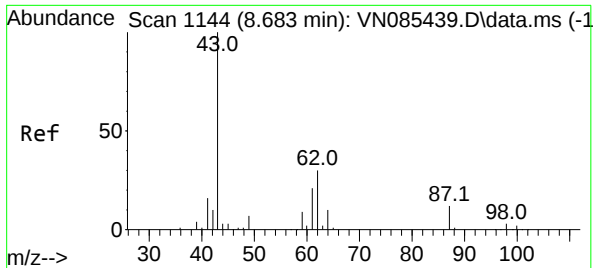
Tgt Ion: 41	Resp: 1458
Ion Ratio	Lower Upper
41 100	
39 37.6	46.0 69.0#
67 53.8	57.4 86.2#
52 18.5	25.5 38.3#



#42
1,2-Dichloroethane
Concen: 0.938 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 62	Resp: 3131
Ion Ratio	Lower Upper
62 100	
98 5.4	0.0 17.0

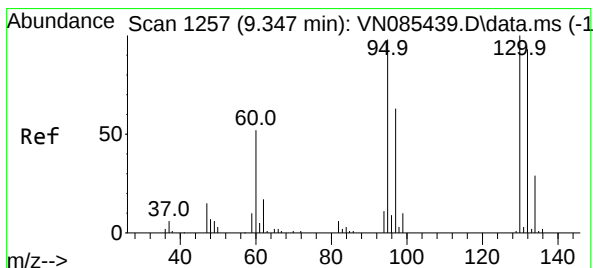
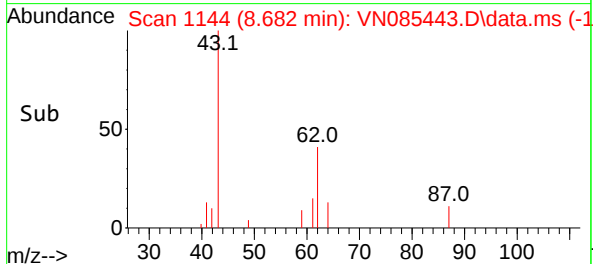
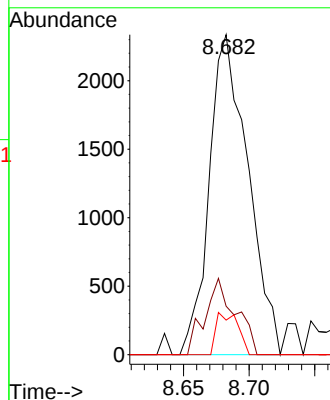
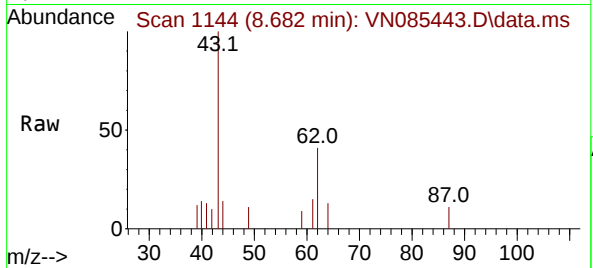




#43
Isopropyl Acetate
Concen: 1.007 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

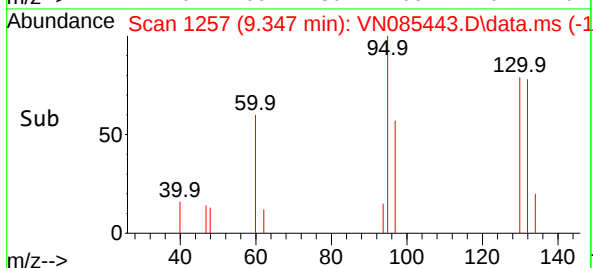
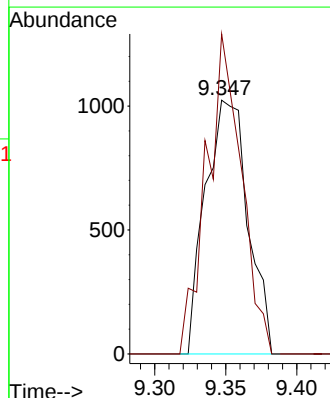
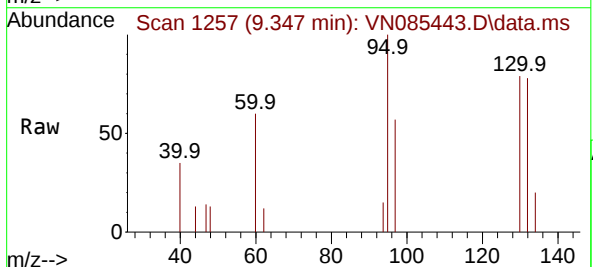
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

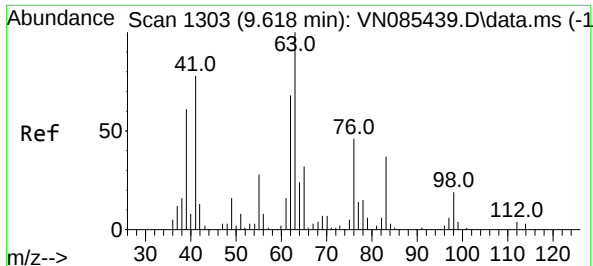
Tgt Ion: 43 Resp: 4803
Ion Ratio Lower Upper
43 100
61 18.9 20.7 31.1#
87 7.3 9.8 14.8#



#44
Trichloroethene
Concen: 1.034 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion:130 Resp: 2133
Ion Ratio Lower Upper
130 100
95 126.1 0.0 195.8





#45

1,2-Dichloropropane

Concen: 0.992 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

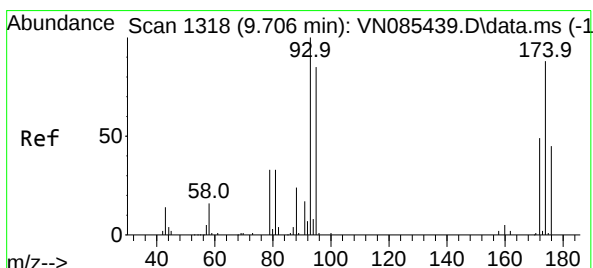
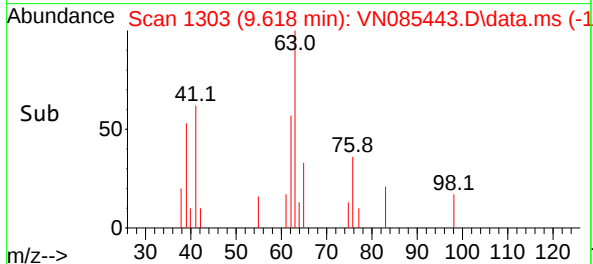
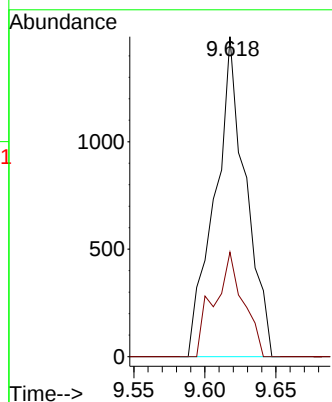
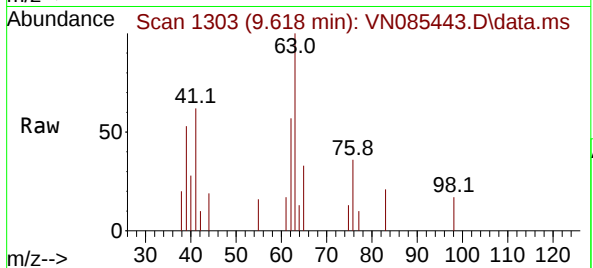
VSTDIC001

Tgt Ion: 63 Resp: 2246

Ion Ratio Lower Upper

63 100

65 32.6 25.6 38.4



#46

Dibromomethane

Concen: 1.083 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

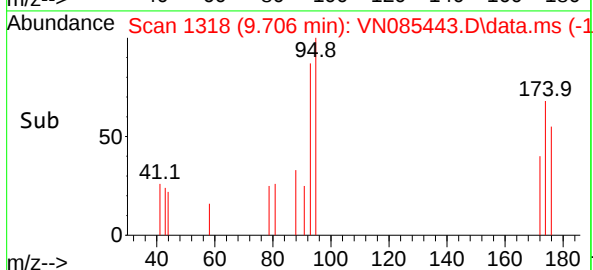
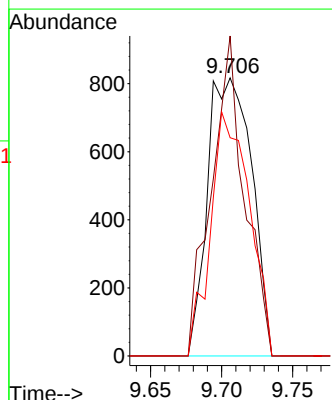
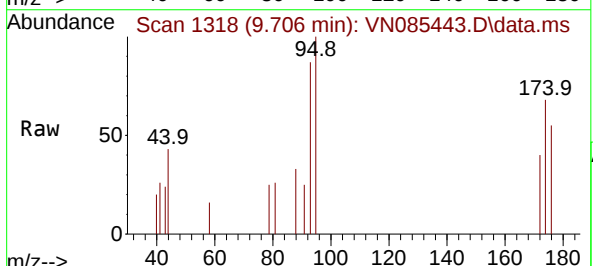
Tgt Ion: 93 Resp: 1769

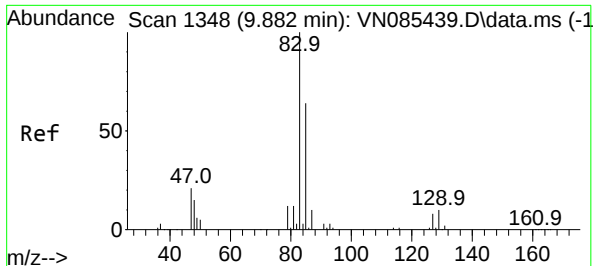
Ion Ratio Lower Upper

93 100

95 86.5 64.7 97.1

174 77.4 69.0 103.4

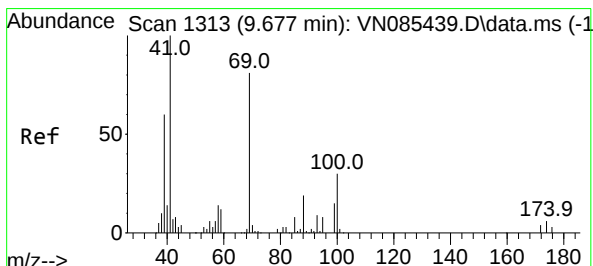
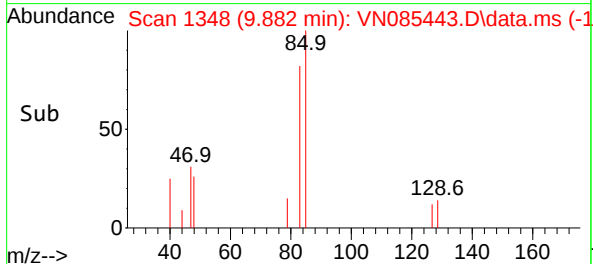
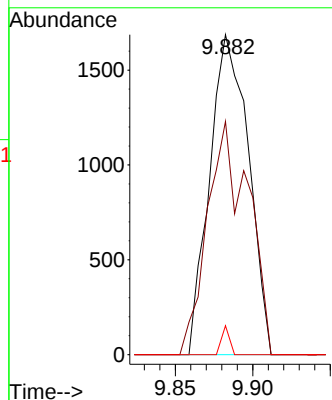
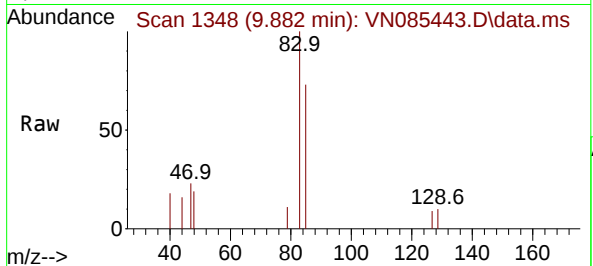




#47
Bromodichloromethane
Concen: 0.882 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

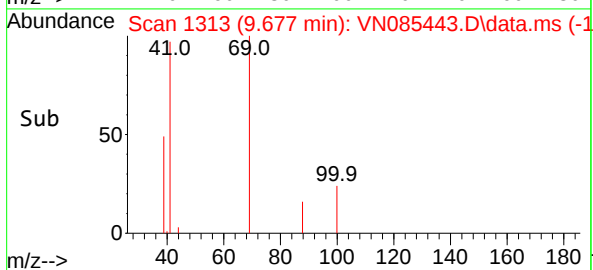
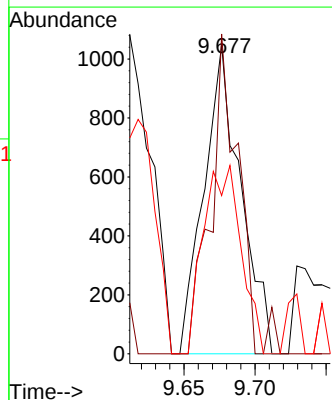
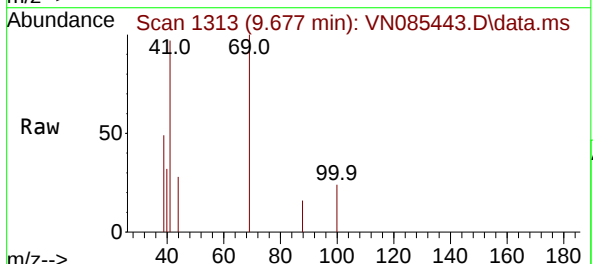
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

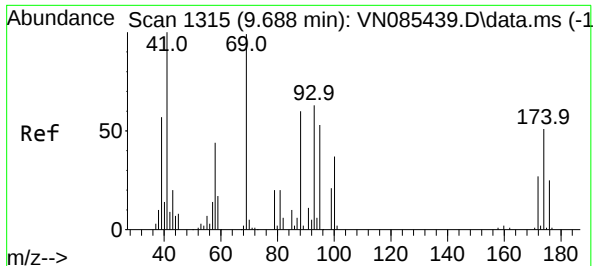
Tgt Ion:	83	Resp:	2935
Ion	Ratio	Lower	Upper
83	100		
85	72.9	51.2	76.8
127	9.0	6.5	9.7



#48
Methyl methacrylate
Concen: 0.878 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion:	41	Resp:	1886
Ion	Ratio	Lower	Upper
41	100		
69	76.2	64.7	97.1
39	62.8	49.0	73.6





#49

1,4-Dioxane

Concen: 18.616 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

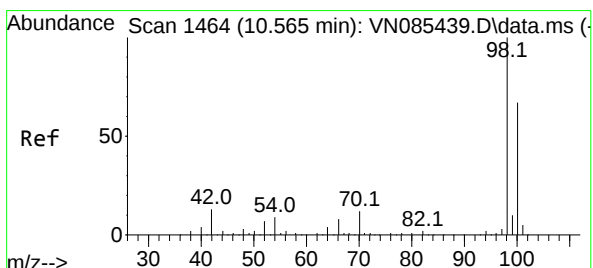
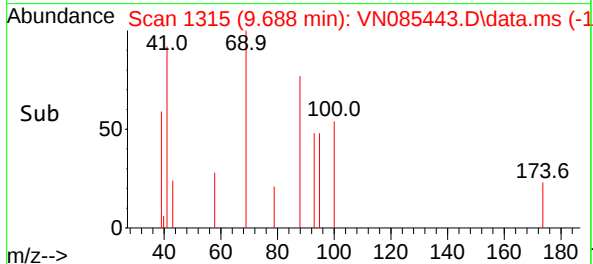
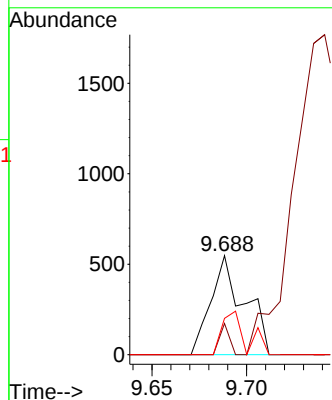
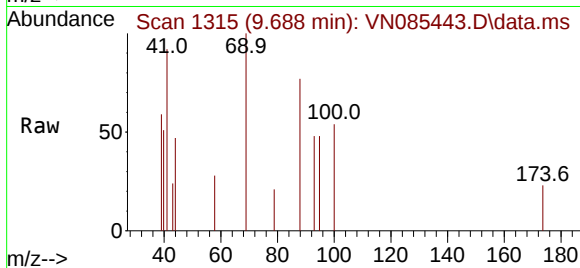
Tgt Ion: 88 Resp: 673

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 31.1 59.5 89.3#



#50

Toluene-d8

Concen: 0.959 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085443.D

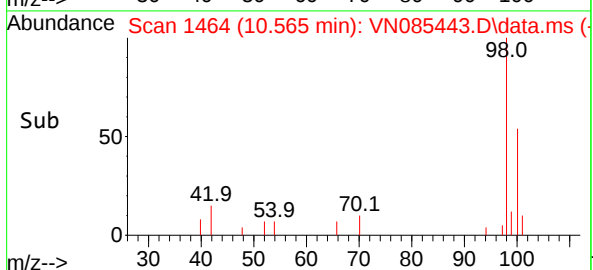
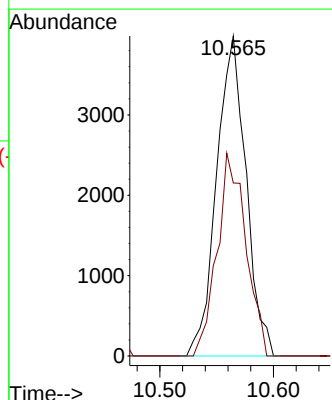
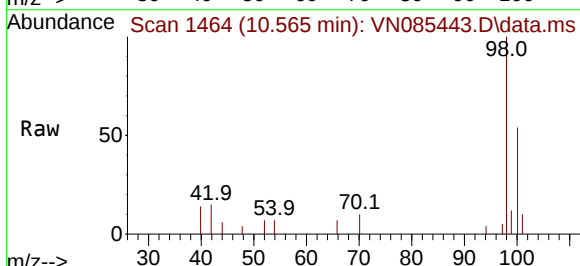
Acq: 14 Jan 2025 17:19

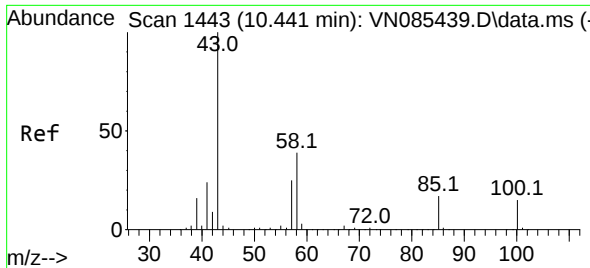
Tgt Ion: 98 Resp: 7164

Ion Ratio Lower Upper

98 100

100 61.9 52.2 78.4

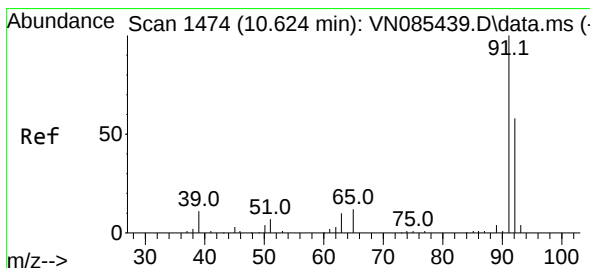
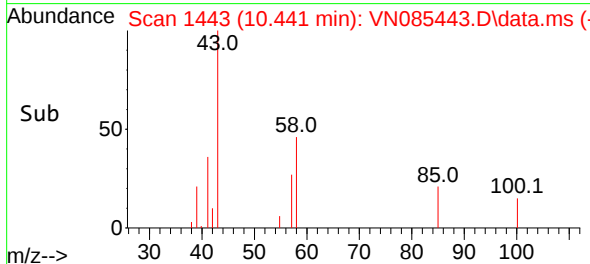
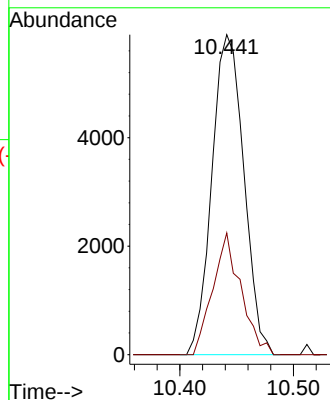
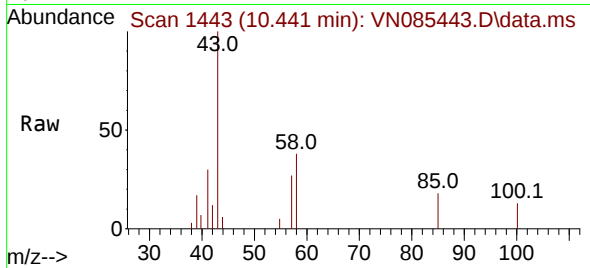




#51
4-Methyl-2-Pentanone
Concen: 4.163 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

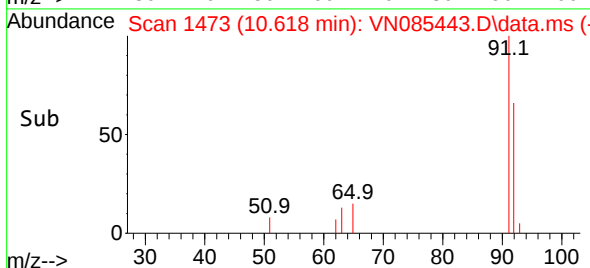
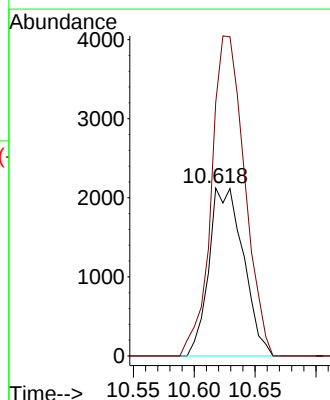
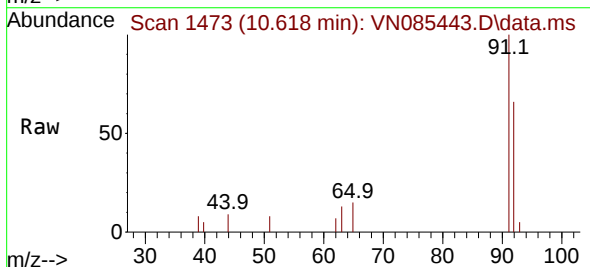
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

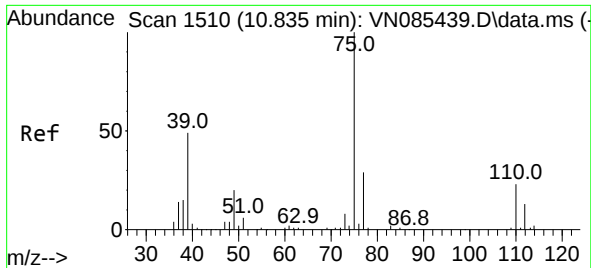
Tgt Ion: 43 Resp: 11523
Ion Ratio Lower Upper
43 100
58 33.6 30.5 45.7



#52
Toluene
Concen: 0.814 ug/l
RT: 10.618 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 92 Resp: 4180
Ion Ratio Lower Upper
92 100
91 183.9 139.2 208.8

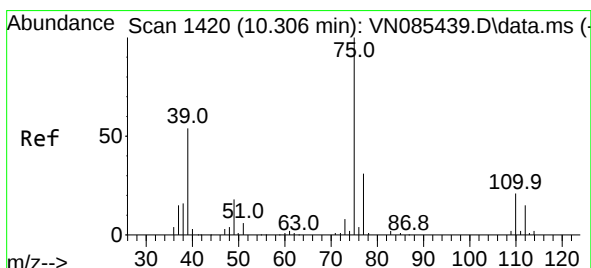
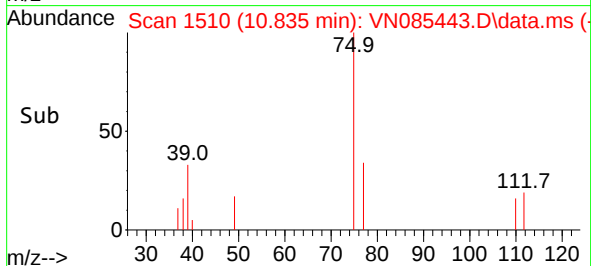
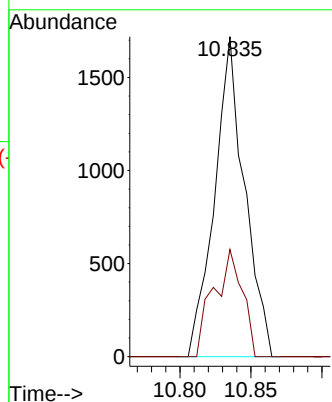
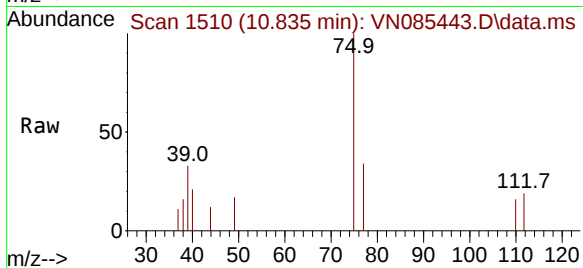




#53
 t-1,3-Dichloropropene
 Concen: 0.802 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

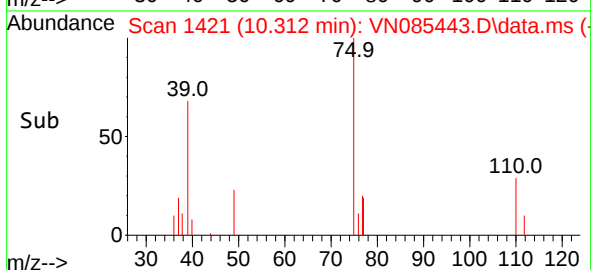
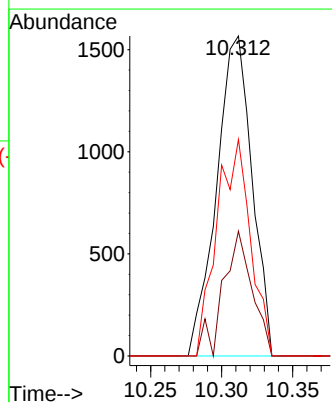
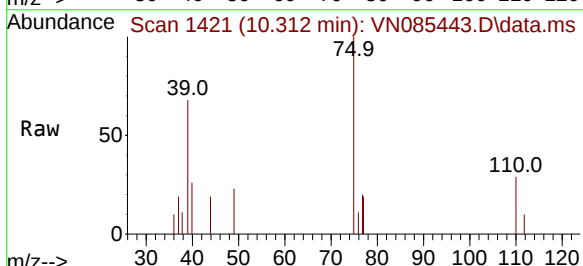
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

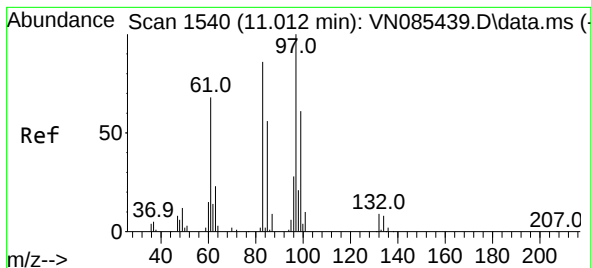
Tgt Ion: 75 Resp: 2522
 Ion Ratio Lower Upper
 75 100
 77 33.5 23.5 35.3



#54
 cis-1,3-Dichloropropene
 Concen: 0.811 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

Tgt Ion: 75 Resp: 2725
 Ion Ratio Lower Upper
 75 100
 77 39.0 25.0 37.4#
 39 67.6 43.1 64.7#





#55

1,1,2-Trichloroethane

Concen: 0.935 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 1901

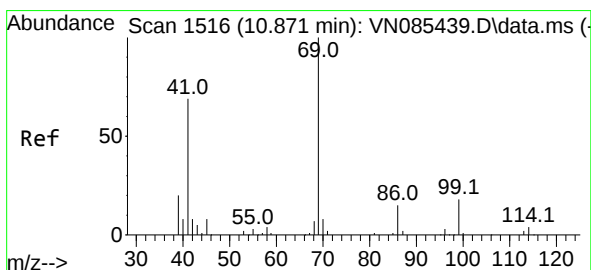
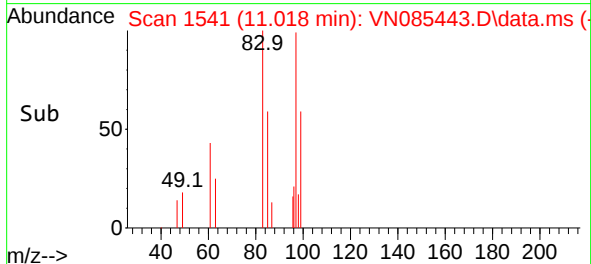
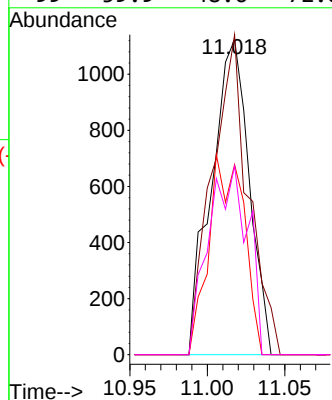
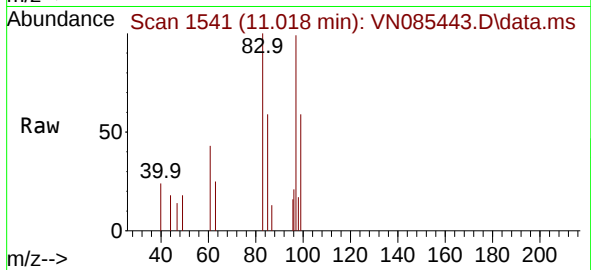
Ion Ratio Lower Upper

97 100

83 101.5 69.0 103.6

85 60.3 44.6 66.8

99 59.9 48.6 72.8



#56

Ethyl methacrylate

Concen: 2.471 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

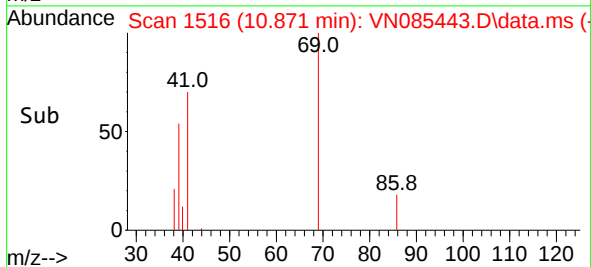
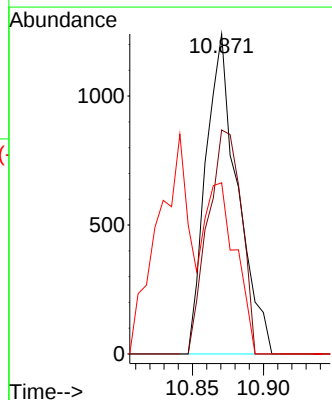
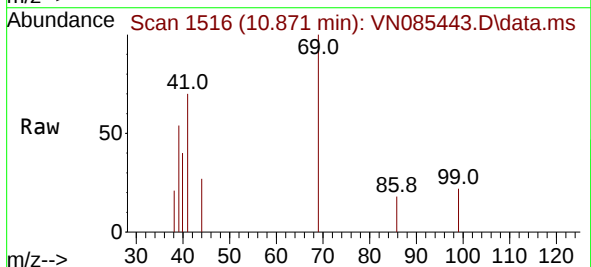
Tgt Ion: 69 Resp: 1923

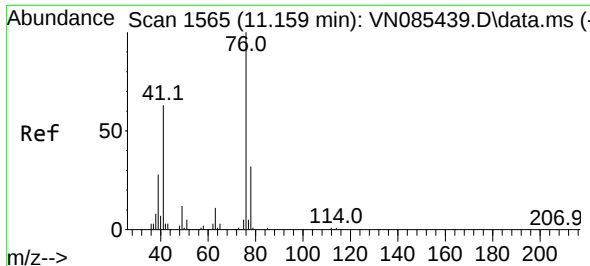
Ion Ratio Lower Upper

69 100

41 74.4 54.6 82.0

39 52.4 32.4 48.6#





#57

1,3-Dichloropropane

Concen: 0.881 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

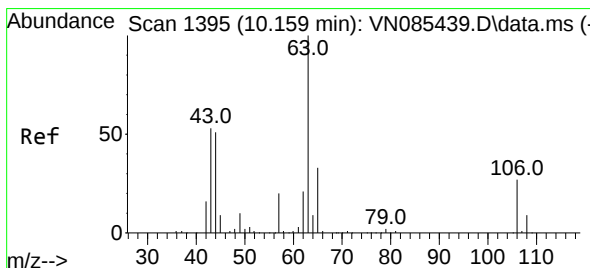
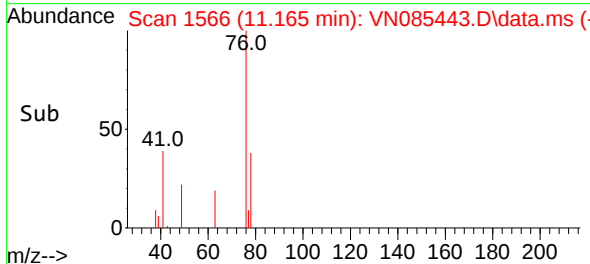
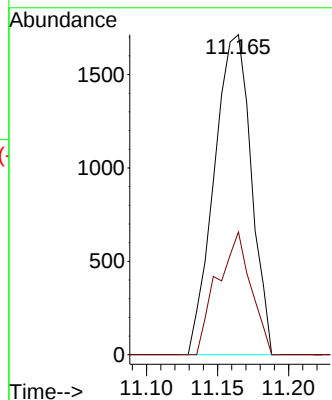
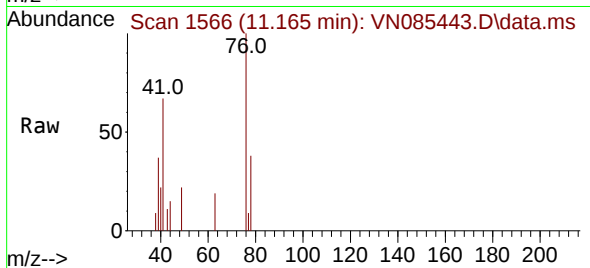
VSTDIC001

Tgt Ion: 76 Resp: 3113

Ion Ratio Lower Upper

76 100

78 34.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 3.822 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN085443.D

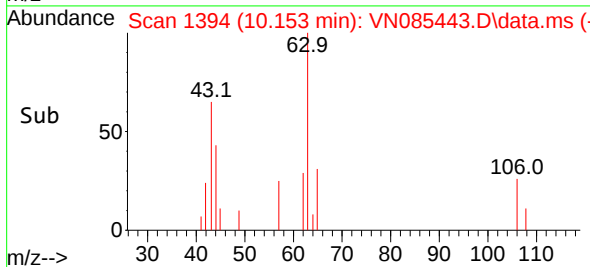
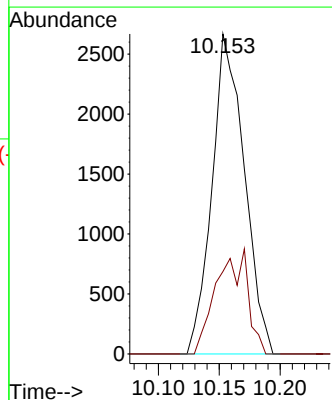
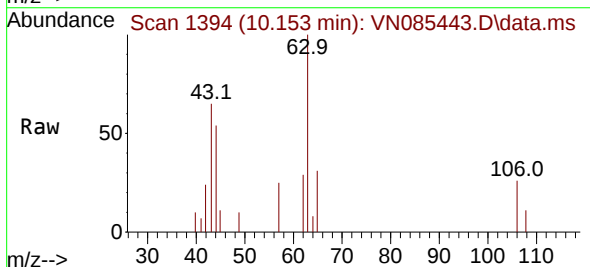
Acq: 14 Jan 2025 17:19

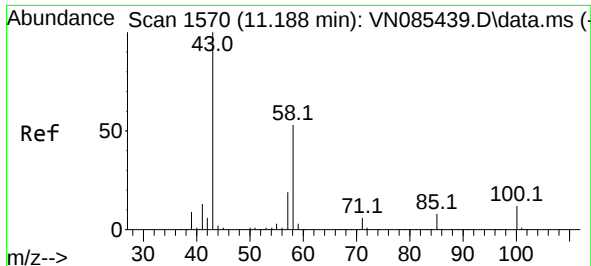
Tgt Ion: 63 Resp: 4929

Ion Ratio Lower Upper

63 100

106 31.7 21.6 32.4

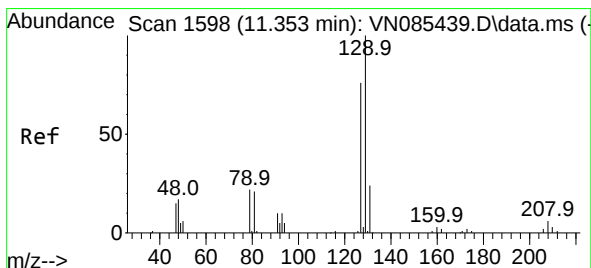
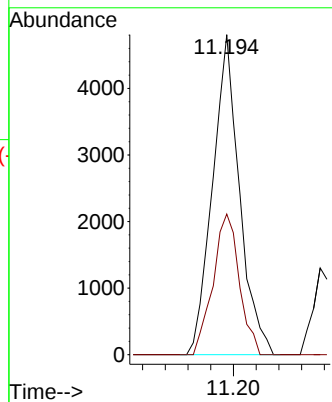
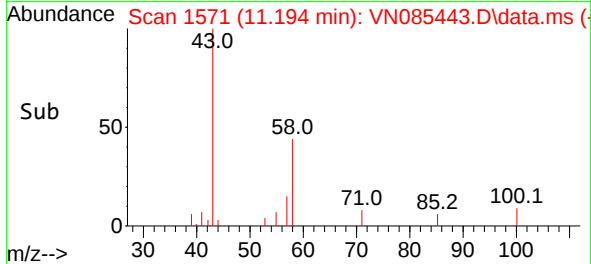
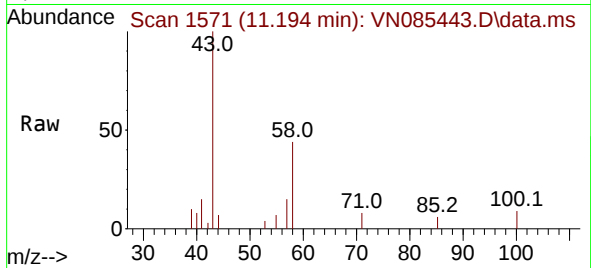




#59
2-Hexanone
Concen: 4.058 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

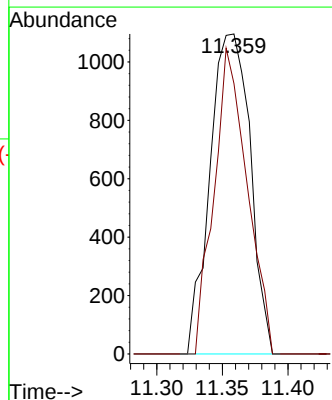
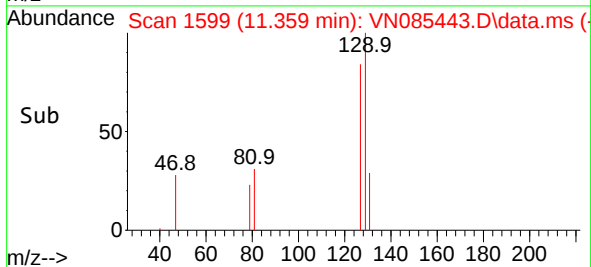
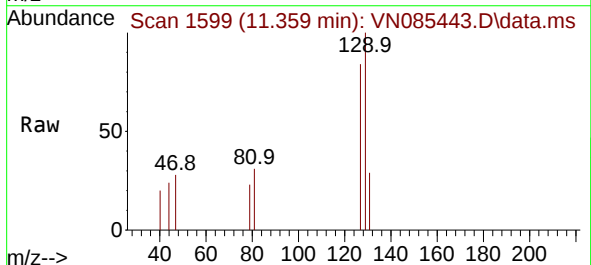
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

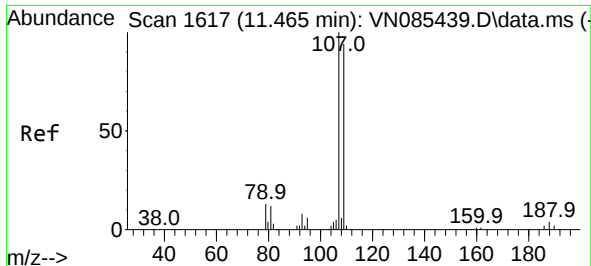
Tgt Ion: 43 Resp: 7905
Ion Ratio Lower Upper
43 100
58 42.9 26.2 78.6



#60
Dibromochloromethane
Concen: 0.953 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 129 Resp: 2339
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.8

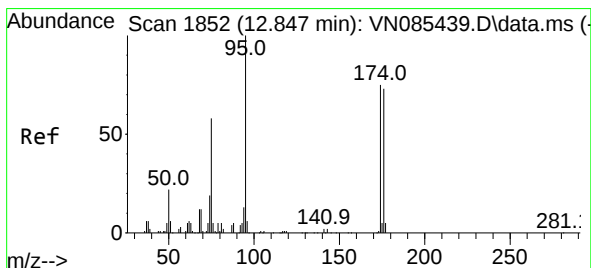
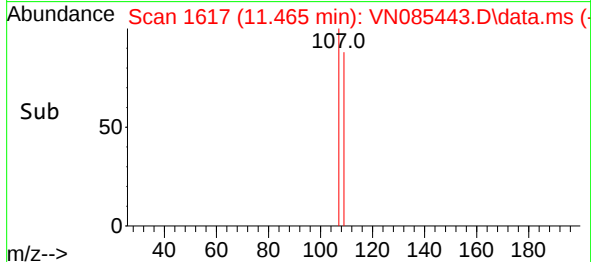
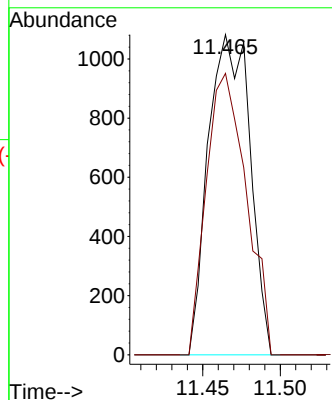
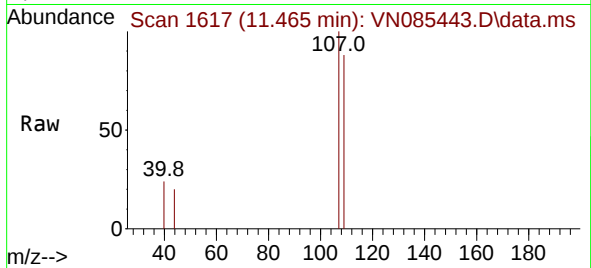




#61
1,2-Dibromoethane
Concen: 1.000 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

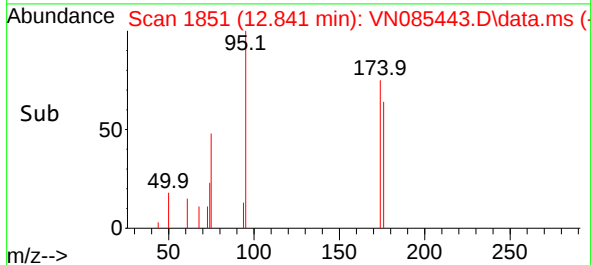
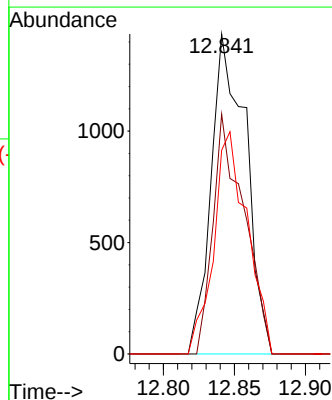
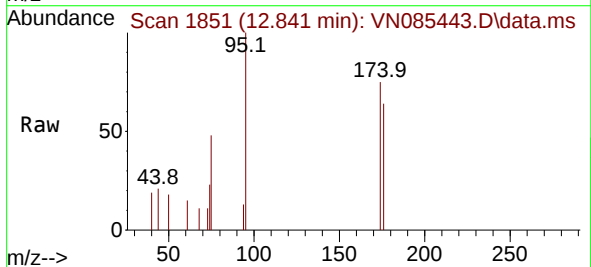
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

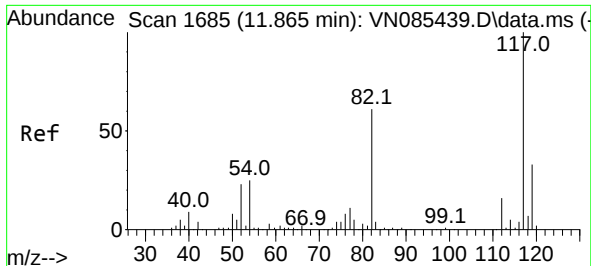
Tgt Ion:107 Resp: 2022
Ion Ratio Lower Upper
107 100
109 84.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 0.951 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 95 Resp: 2428
Ion Ratio Lower Upper
95 100
174 67.5 0.0 145.0
176 67.3 0.0 142.4

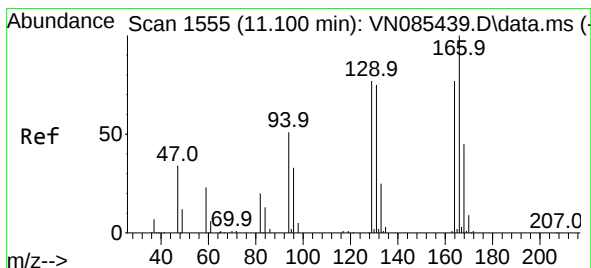
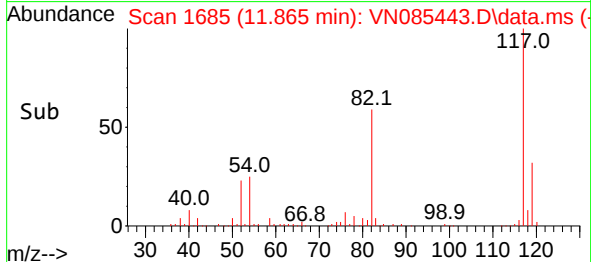
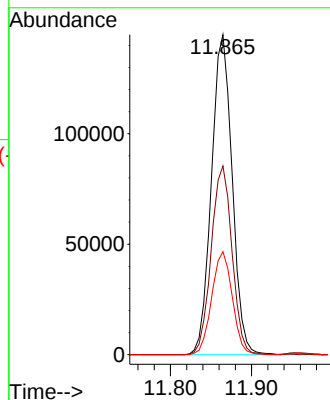
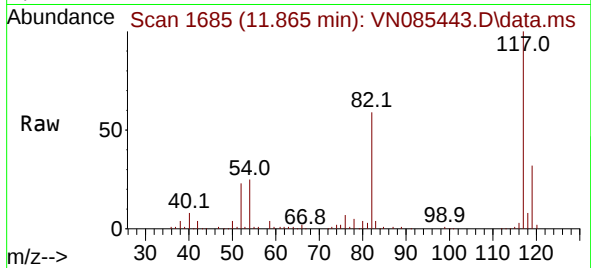




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

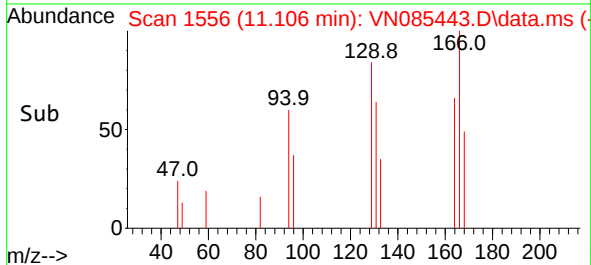
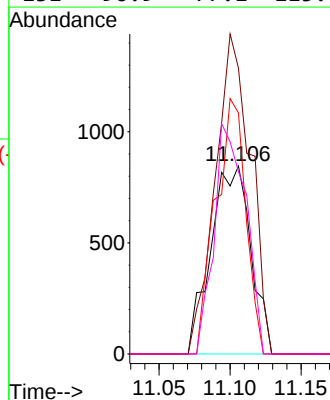
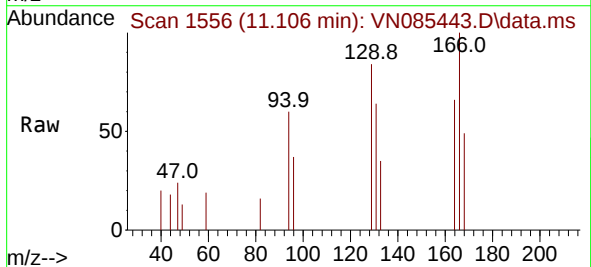
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

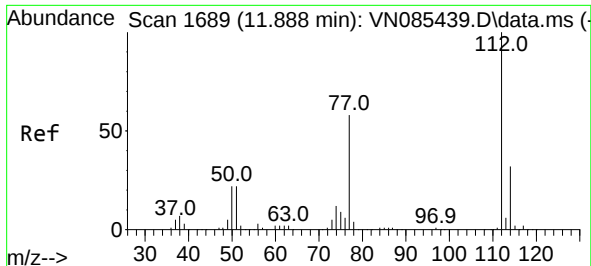
Tgt Ion:117 Resp: 256851
Ion Ratio Lower Upper
117 100
82 59.0 48.6 72.8
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 0.947 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion:164 Resp: 1658
Ion Ratio Lower Upper
164 100
166 152.1 103.4 155.2
129 128.3 79.2 118.8#
131 96.9 77.1 115.7

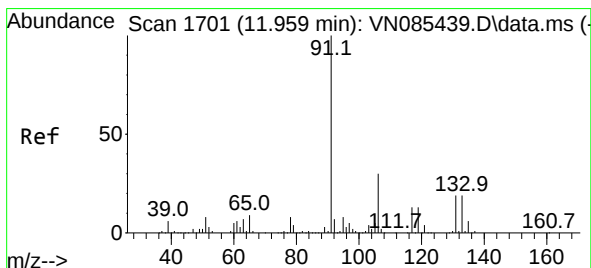
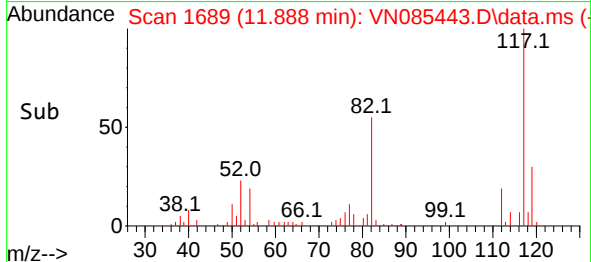
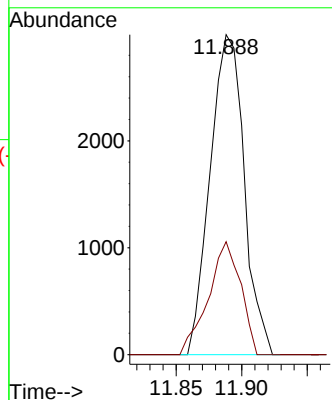
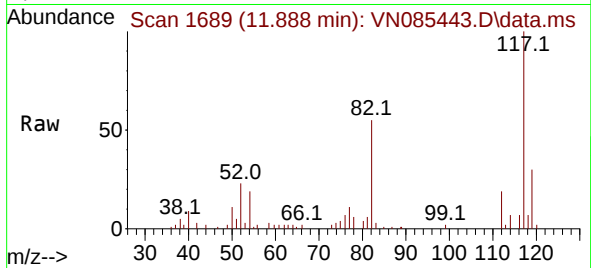




#65
Chlorobenzene
Concen: 0.960 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

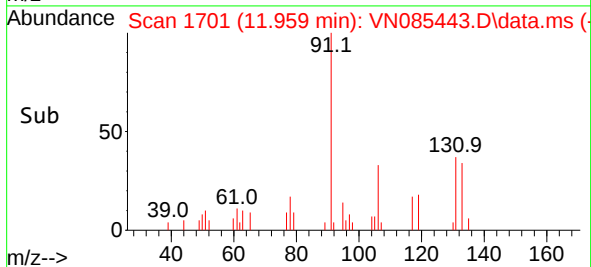
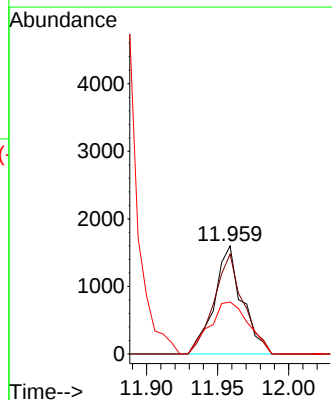
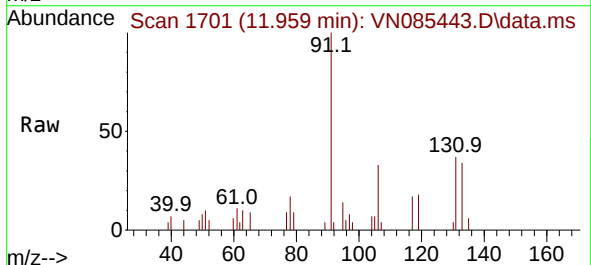
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

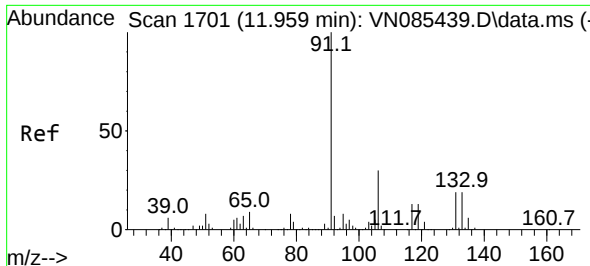
Tgt Ion:112 Resp: 5401
Ion Ratio Lower Upper
112 100
114 35.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 1.058 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion:131 Resp: 2185
Ion Ratio Lower Upper
131 100
133 97.7 47.4 142.3
119 0.0 33.1 99.5#

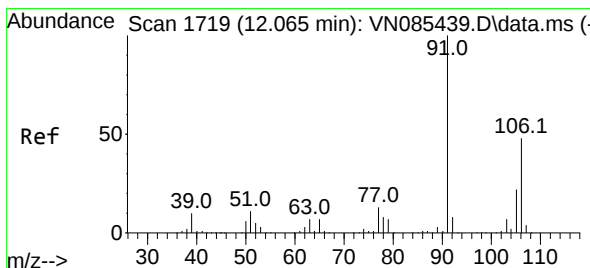
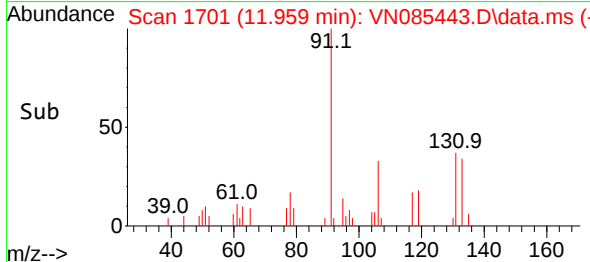
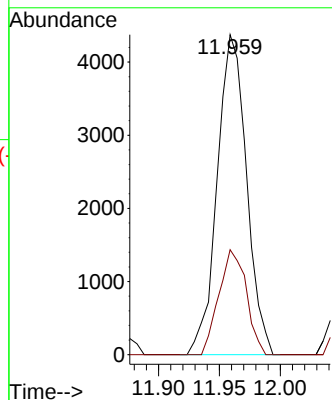
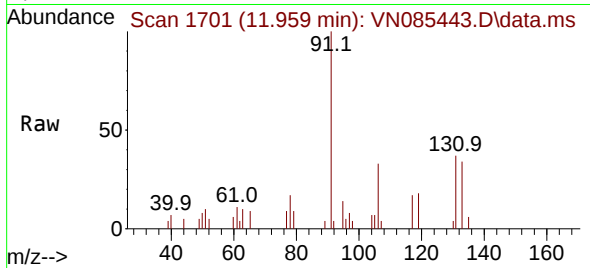




#67
Ethyl Benzene
Concen: 0.802 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

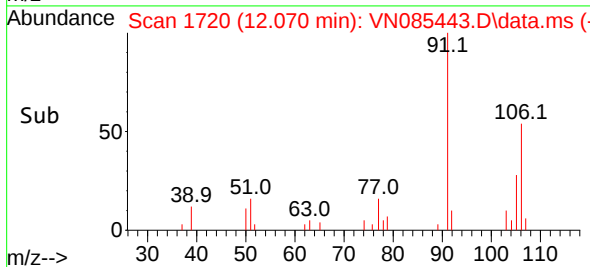
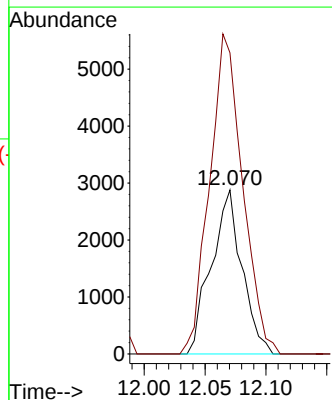
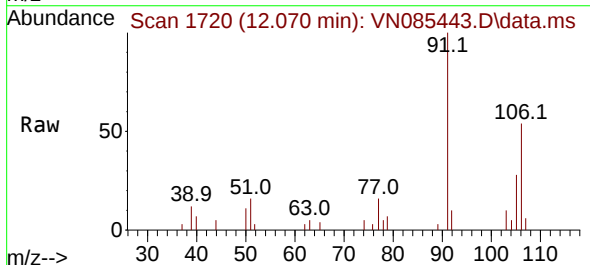
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

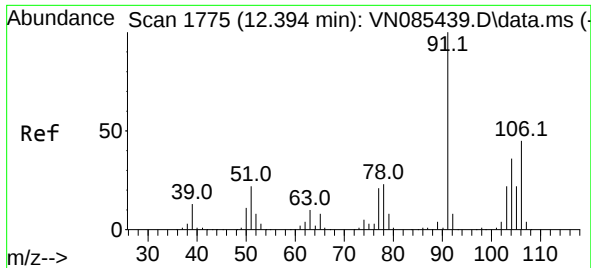
Tgt Ion: 91 Resp: 7347
Ion Ratio Lower Upper
91 100
106 32.8 23.8 35.8



#68
m/p-Xylenes
Concen: 1.494 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion:106 Resp: 5059
Ion Ratio Lower Upper
106 100
91 209.3 167.7 251.5

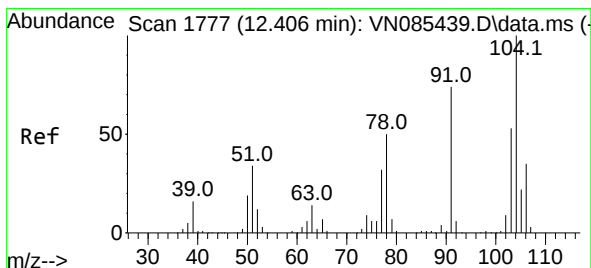
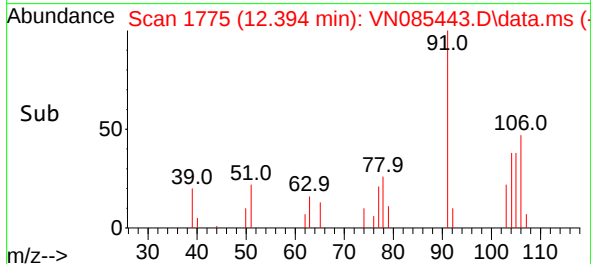
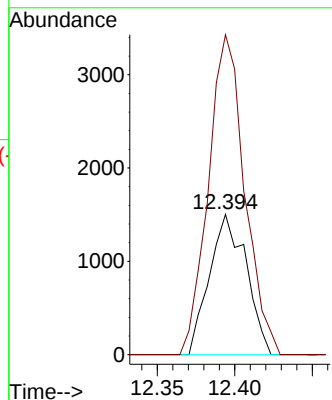
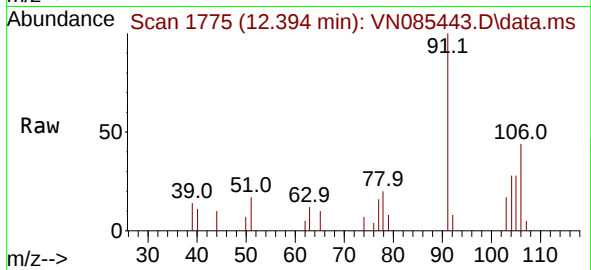




#69
o-Xylene
Concen: 0.766 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

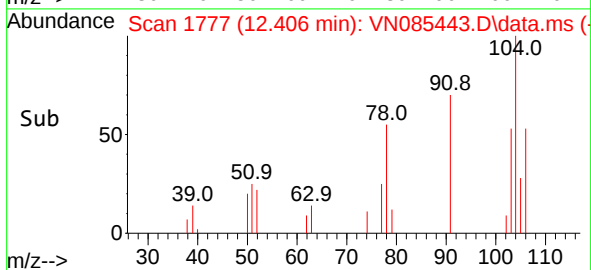
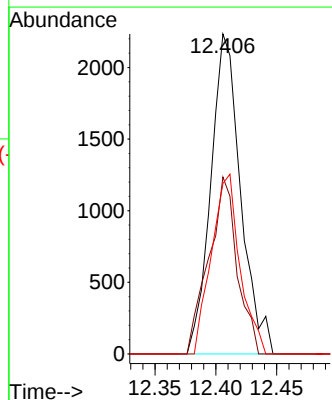
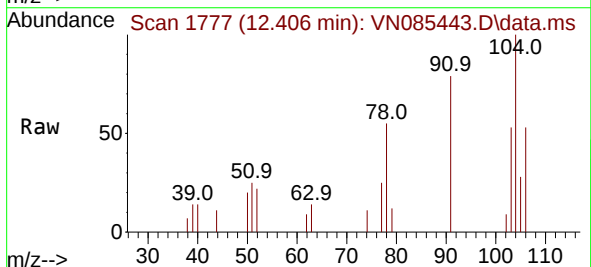
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

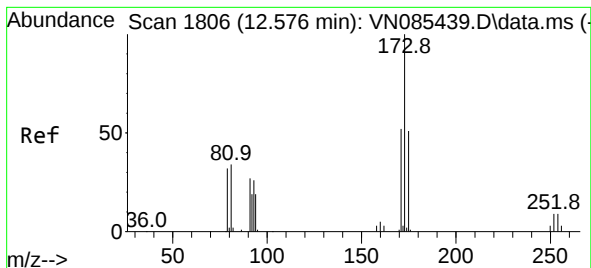
Tgt Ion:106 Resp: 2478
Ion Ratio Lower Upper
106 100
91 225.4 110.4 331.2



#70
Styrene
Concen: 0.712 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion:104 Resp: 3812
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 53.7 43.8 65.8





#71

Bromoform

Concen: 0.818 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

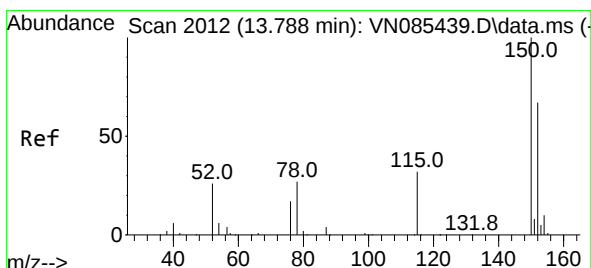
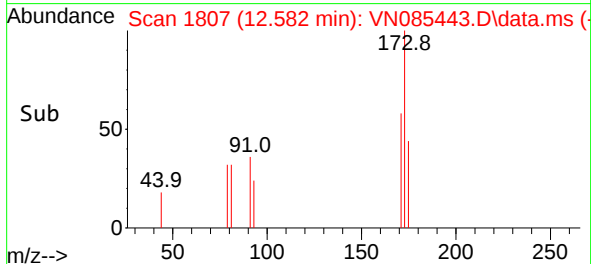
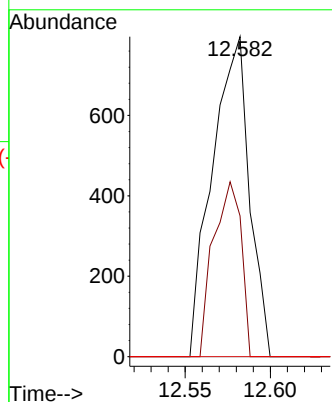
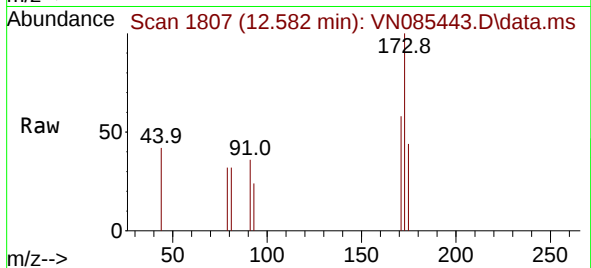
Tgt Ion:173 Resp: 1208

Ion Ratio Lower Upper

173 100

175 40.7 24.4 73.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

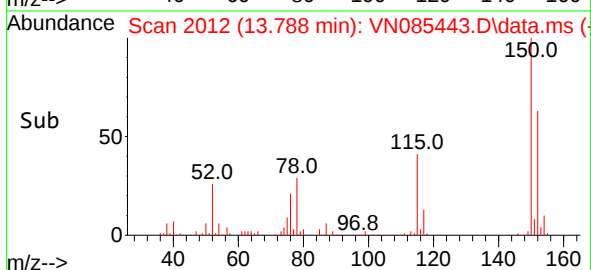
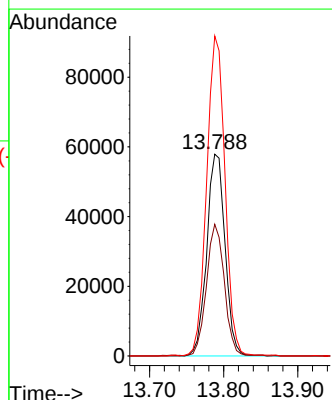
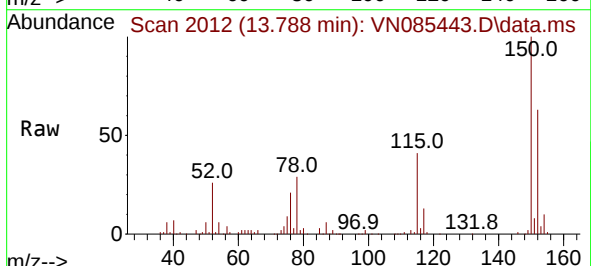
Tgt Ion:152 Resp: 99539

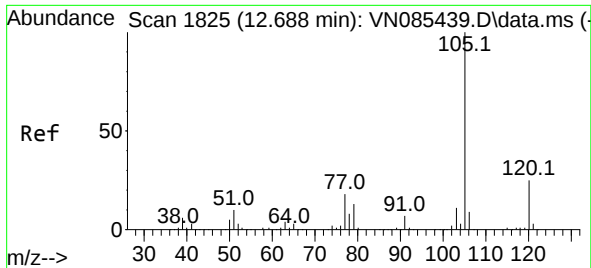
Ion Ratio Lower Upper

152 100

115 63.8 31.1 93.3

150 158.5 0.0 343.6

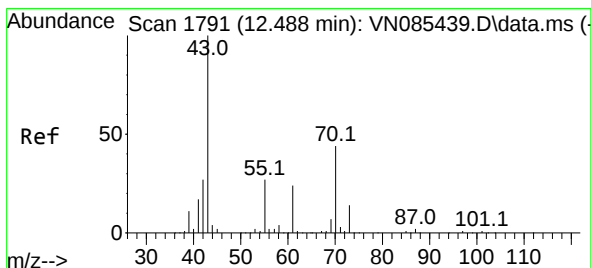
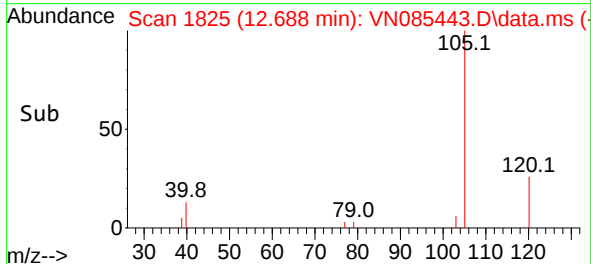
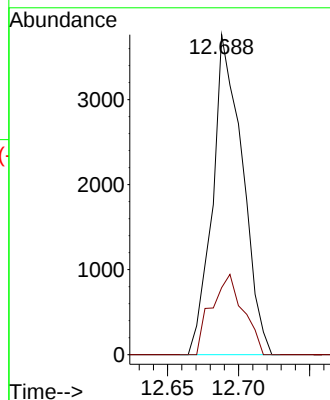
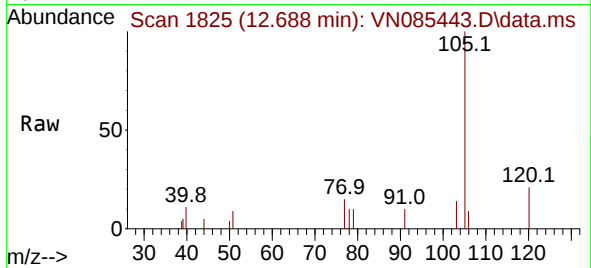




#73
Isopropylbenzene
Concen: 0.820 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

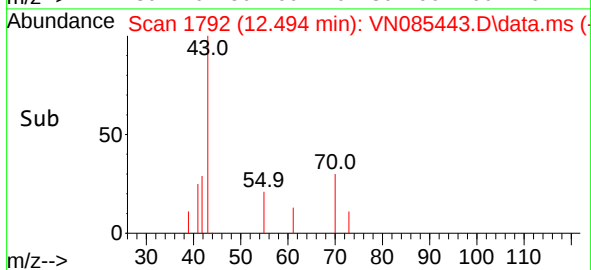
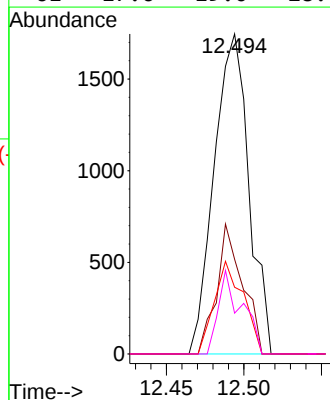
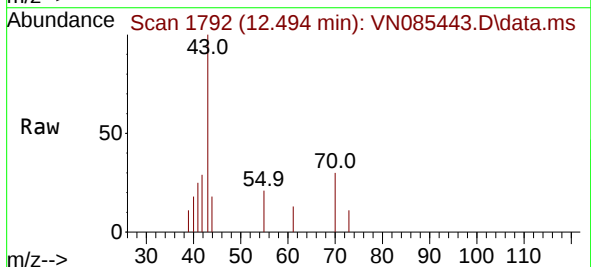
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

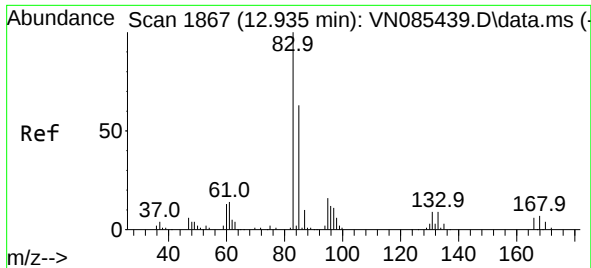
Tgt Ion:105 Resp: 5506
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.3



#74
N-ethyl acetate
Concen: 0.899 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 43 Resp: 2716
Ion Ratio Lower Upper
43 100
70 30.4 34.0 51.0#
55 24.2 21.4 32.2
61 17.6 19.0 28.4#

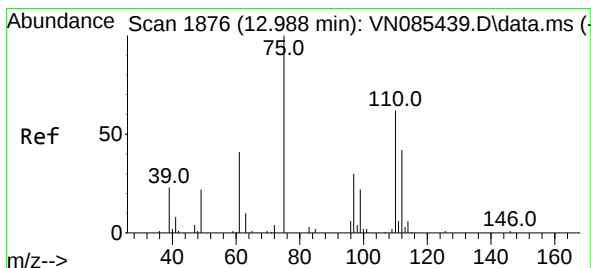
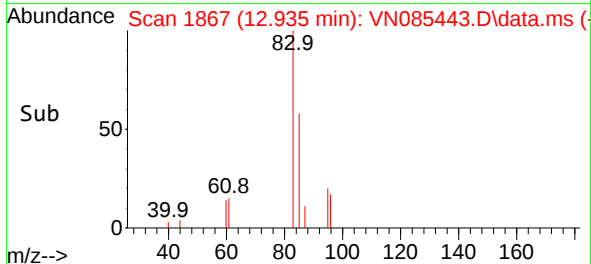
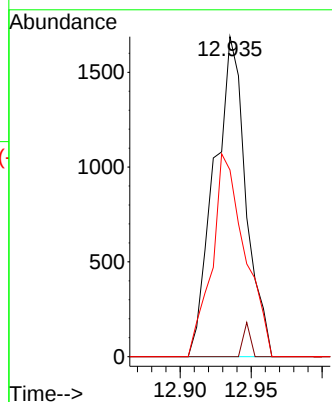
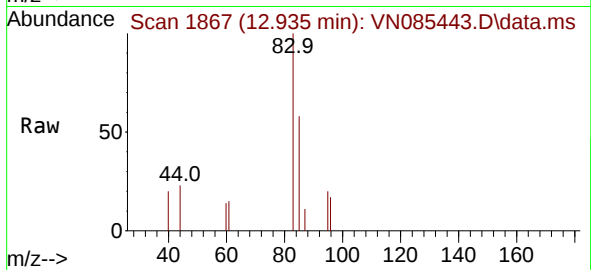




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.102 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

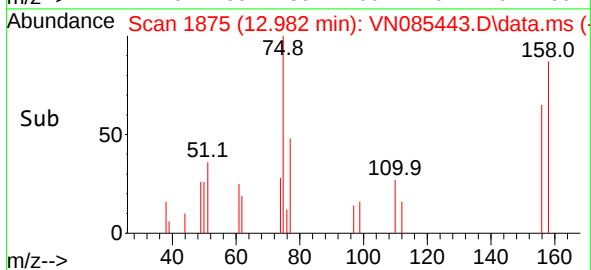
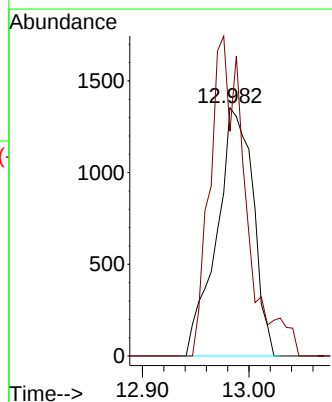
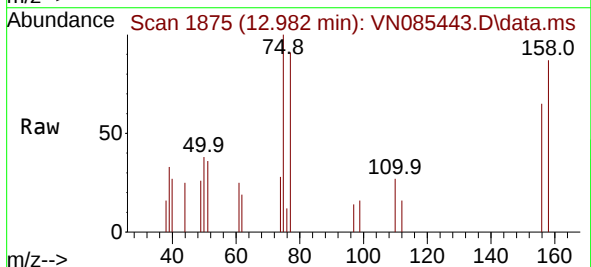
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

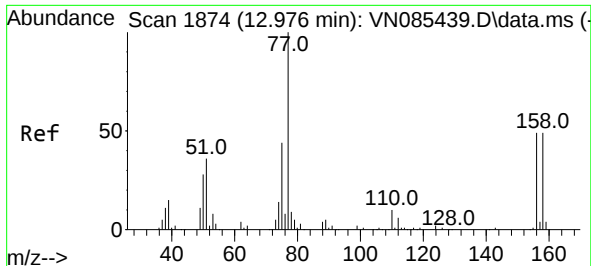
Tgt Ion: 83 Resp: 2616
 Ion Ratio Lower Upper
 83 100
 131 2.4 4.8 14.4#
 85 65.7 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 1.590 ug/l
 RT: 12.982 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

Tgt Ion: 75 Resp: 3212
 Ion Ratio Lower Upper
 75 100
 77 126.0 109.7 329.2

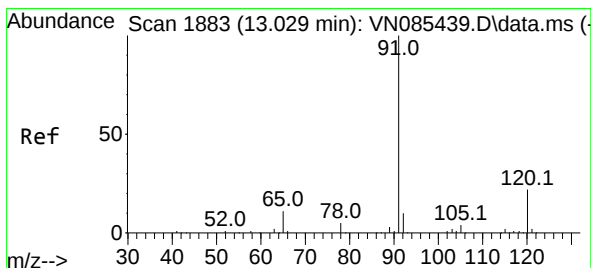
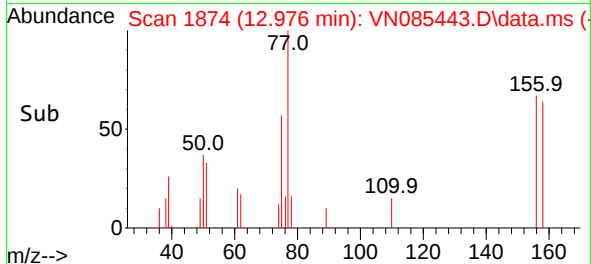
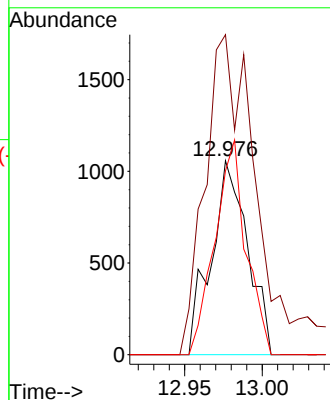
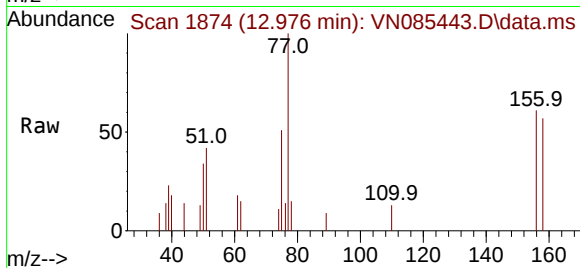




#77
Bromobenzene
Concen: 0.987 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

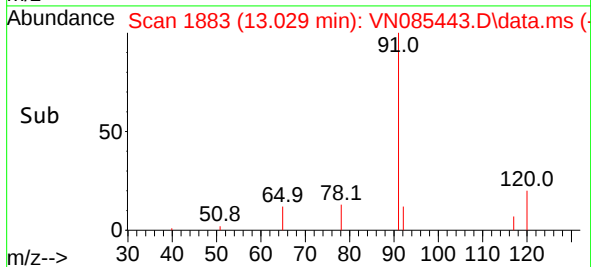
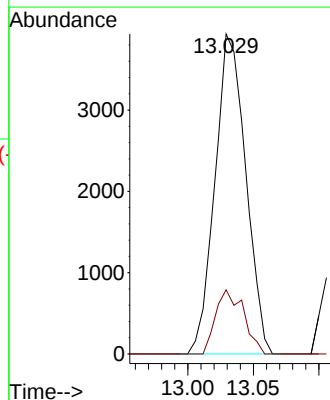
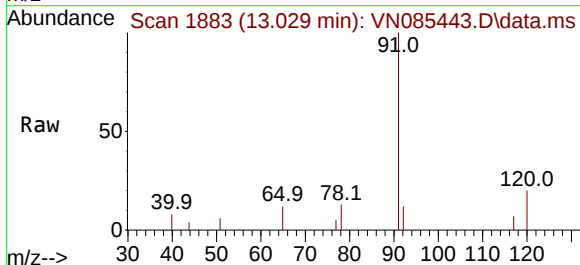
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

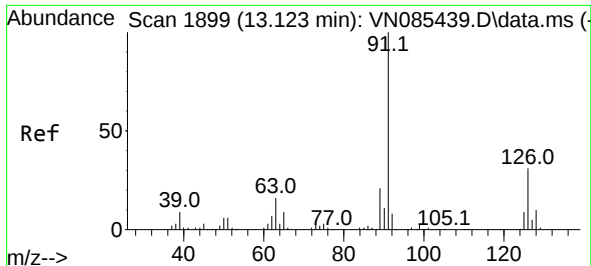
Tgt Ion:156 Resp: 1733
Ion Ratio Lower Upper
156 100
77 233.6 114.1 342.4
158 94.9 48.9 146.8



#78
n-propylbenzene
Concen: 0.808 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 91 Resp: 6424
Ion Ratio Lower Upper
91 100
120 18.2 10.9 32.6

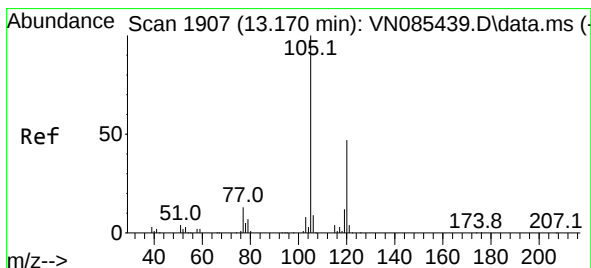
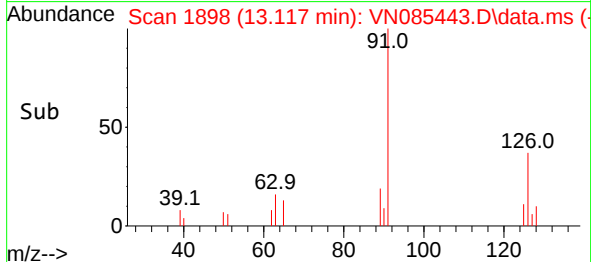
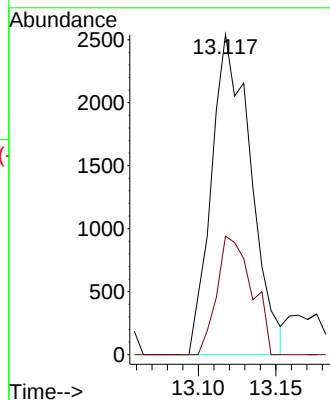
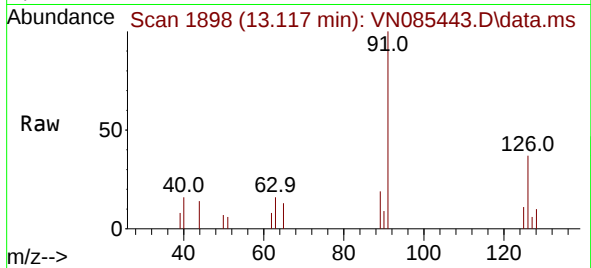




#79
2-Chlorotoluene
Concen: 0.871 ug/l
RT: 13.117 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

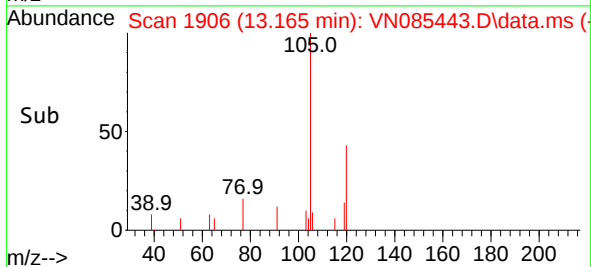
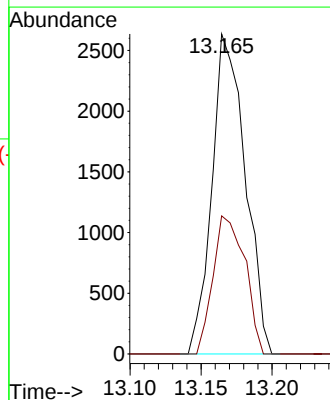
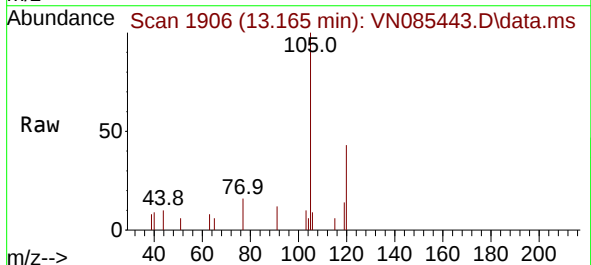
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

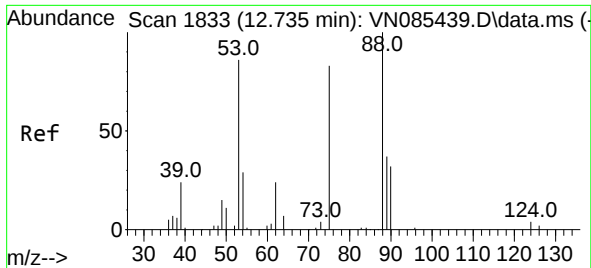
Tgt Ion: 91 Resp: 4483
Ion Ratio Lower Upper
91 100
126 32.9 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 0.775 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 105 Resp: 4301
Ion Ratio Lower Upper
105 100
120 41.2 23.9 71.7

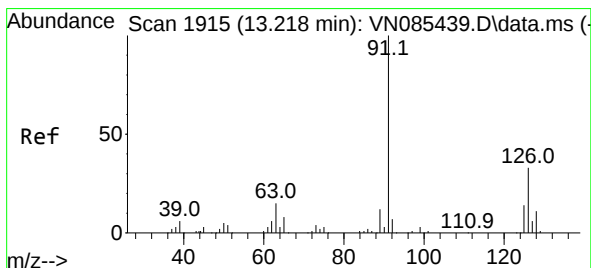
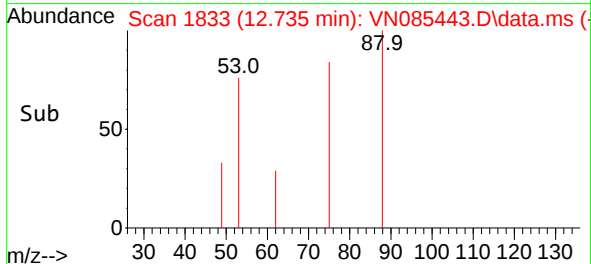
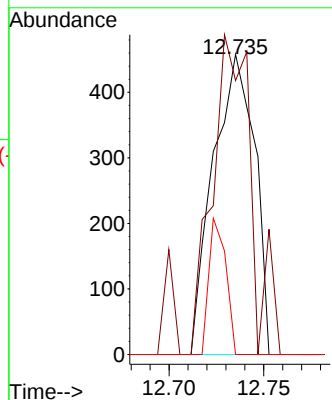
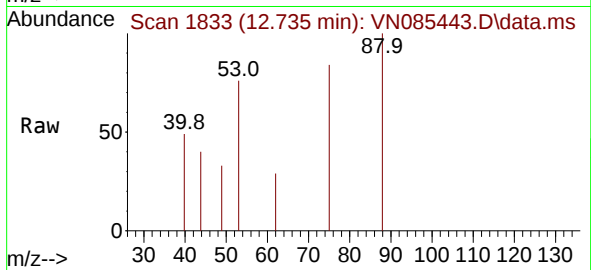




#81
trans-1,4-Dichloro-2-butene
Concen: 0.929 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

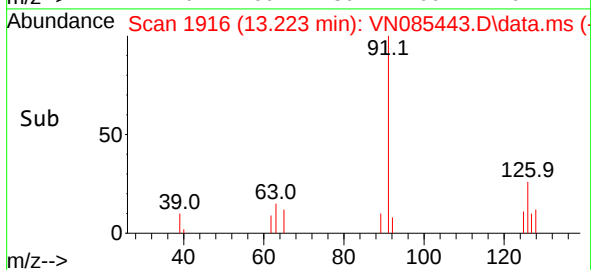
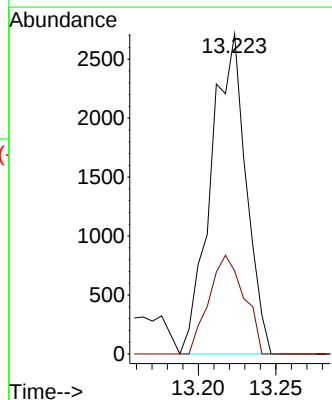
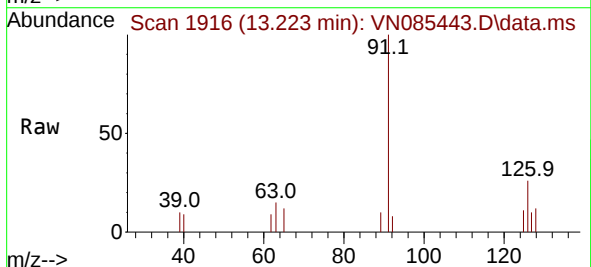
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

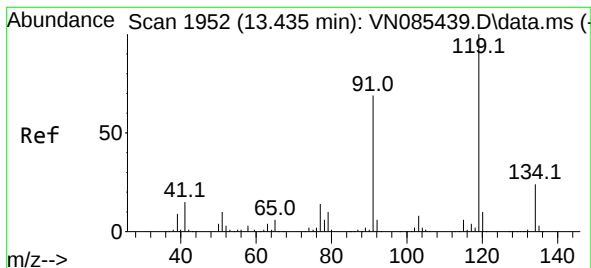
Tgt Ion: 75 Resp: 695
Ion Ratio Lower Upper
75 100
53 101.2 95.6 143.4
89 18.6 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.833 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 91 Resp: 4268
Ion Ratio Lower Upper
91 100
126 31.0 15.9 47.7





#83

tert-Butylbenzene

Concen: 0.805 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

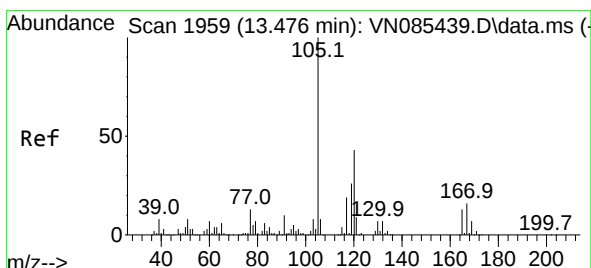
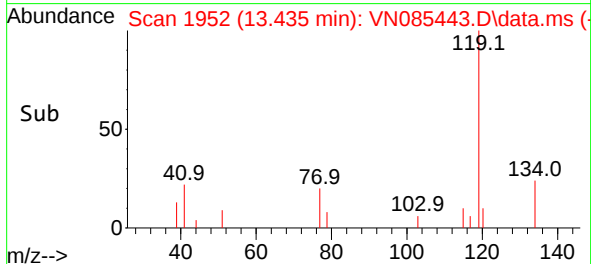
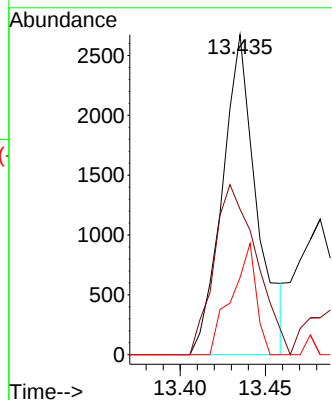
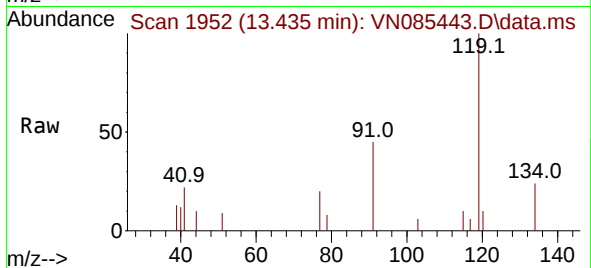
Tgt Ion:119 Resp: 3753

Ion Ratio Lower Upper

119 100

91 65.9 35.1 105.3

134 24.9 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 0.679 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085443.D

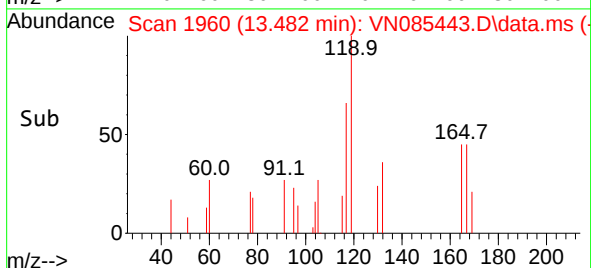
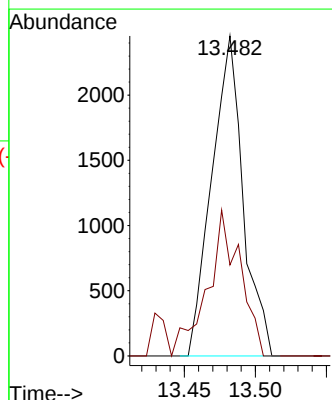
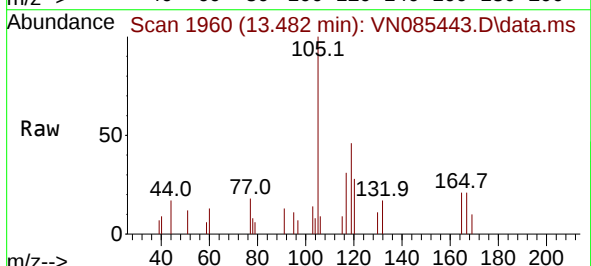
Acq: 14 Jan 2025 17:19

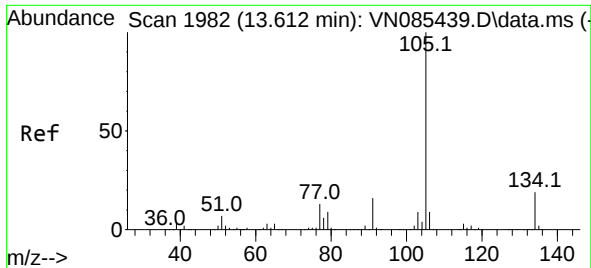
Tgt Ion:105 Resp: 3758

Ion Ratio Lower Upper

105 100

120 47.7 21.6 65.0

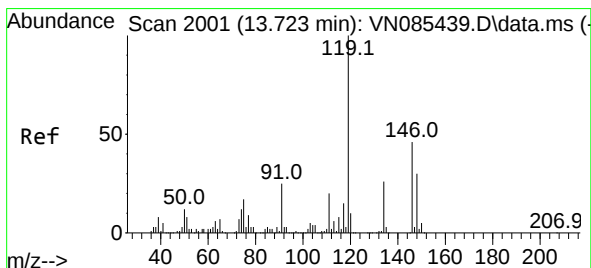
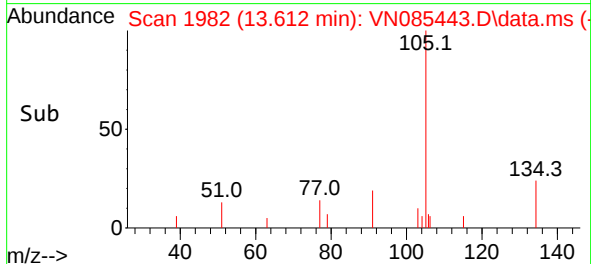
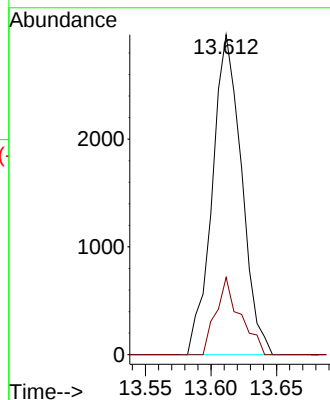
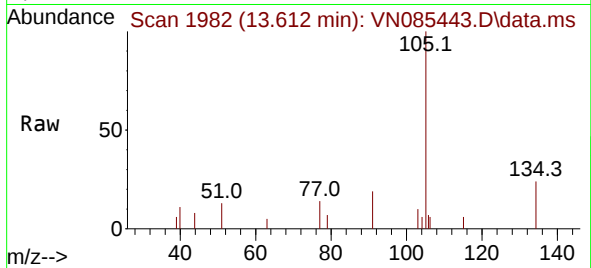




#85
 sec-Butylbenzene
 Concen: 0.714 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

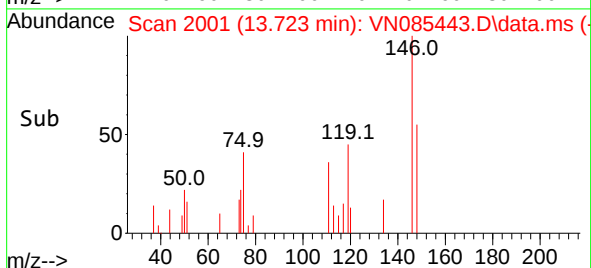
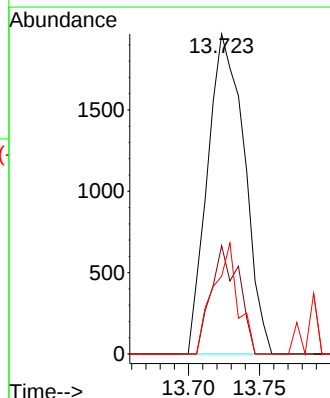
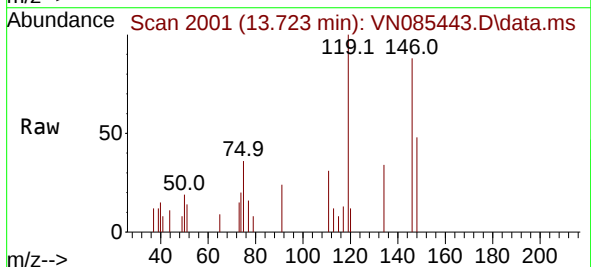
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

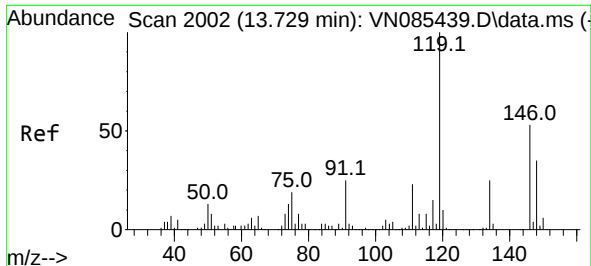
Tgt Ion:105 Resp: 4614
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 0.716 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

Tgt Ion:119 Resp: 3538
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 23.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 0.940 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

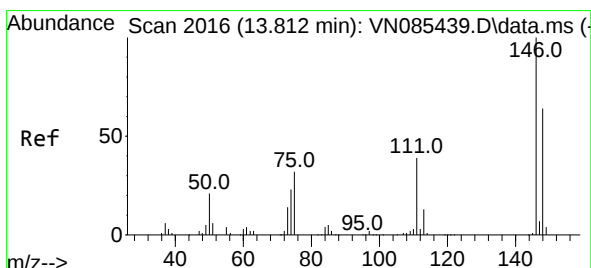
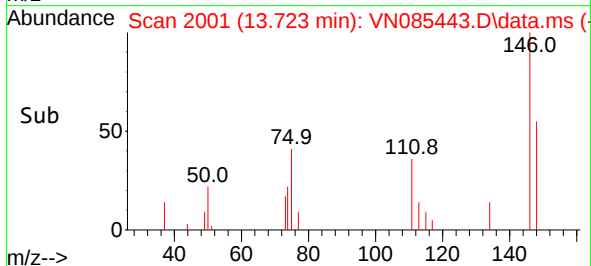
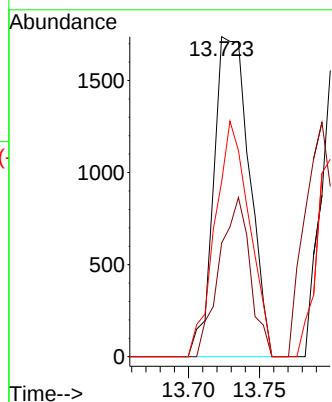
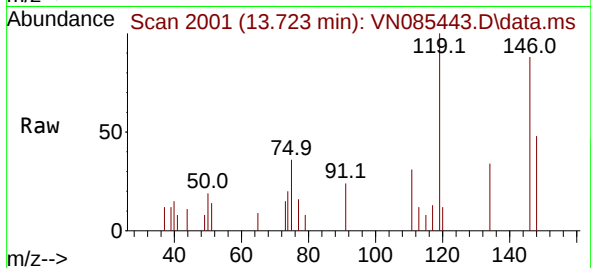
Tgt Ion:146 Resp: 3038

Ion Ratio Lower Upper

146 100

111 43.0 21.4 64.3

148 70.9 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 0.907 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.088 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

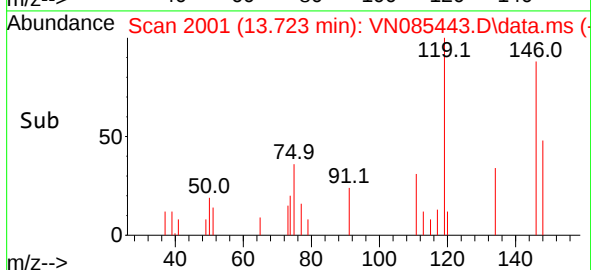
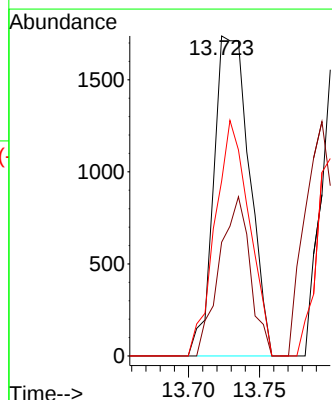
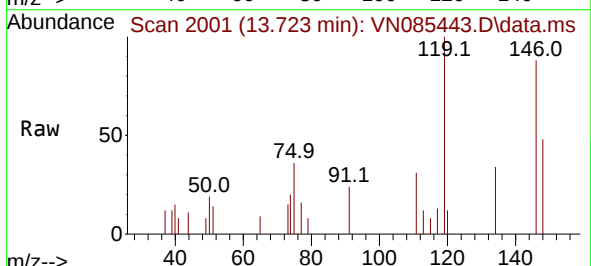
Tgt Ion:146 Resp: 3038

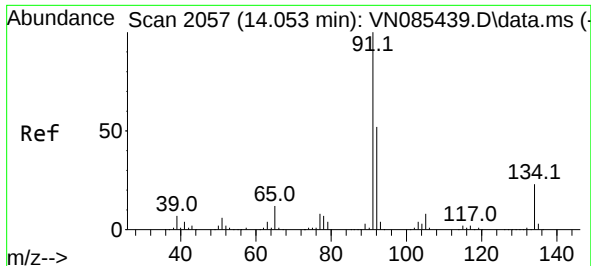
Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.7

148 70.9 32.4 97.0





#89

n-Butylbenzene

Concen: 0.761 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085443.D

Acq: 14 Jan 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

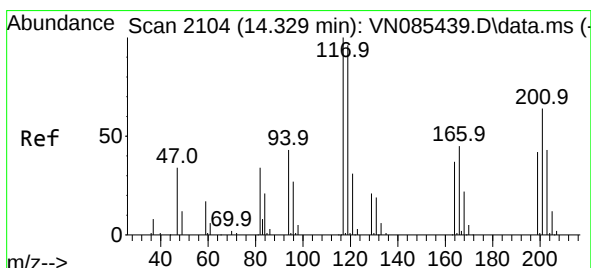
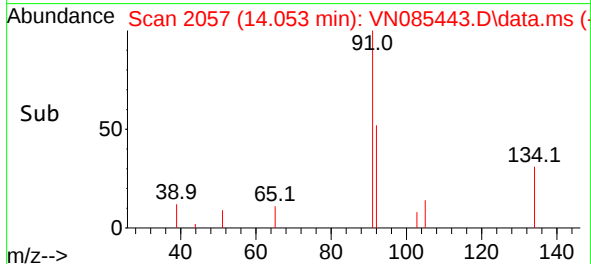
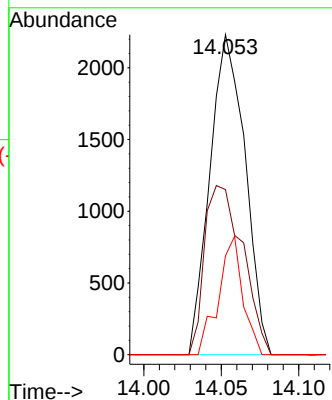
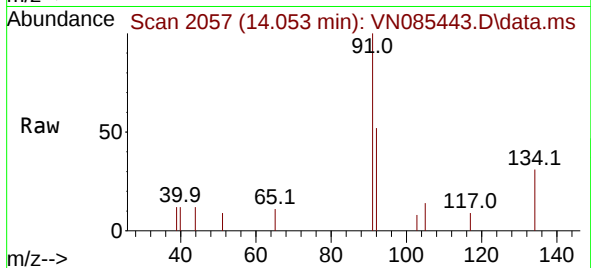
Tgt Ion: 91 Resp: 3527

Ion Ratio Lower Upper

91 100

92 57.2 25.8 77.3

134 25.5 11.7 35.1



#90

Hexachloroethane

Concen: 1.102 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.012 min

Lab File: VN085443.D

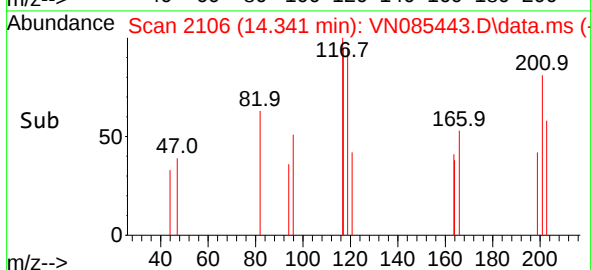
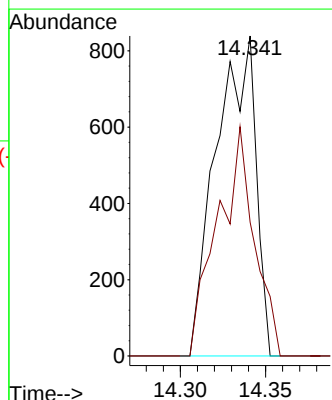
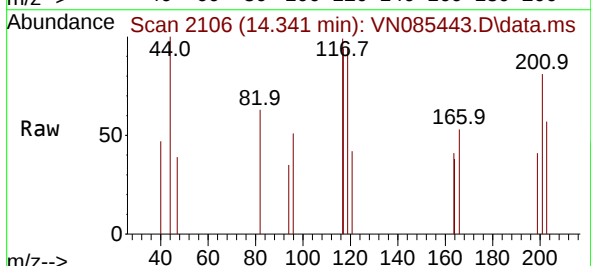
Acq: 14 Jan 2025 17:19

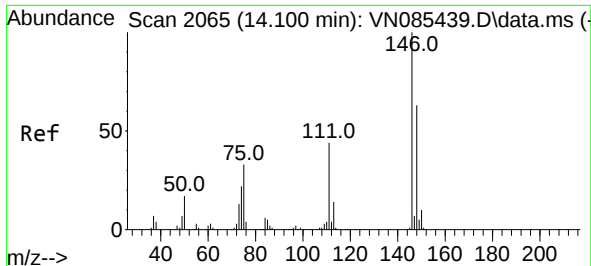
Tgt Ion: 117 Resp: 1355

Ion Ratio Lower Upper

117 100

201 66.5 33.7 101.0

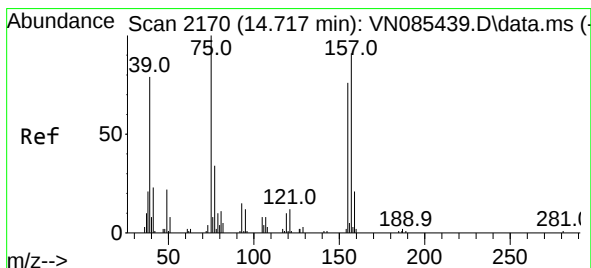
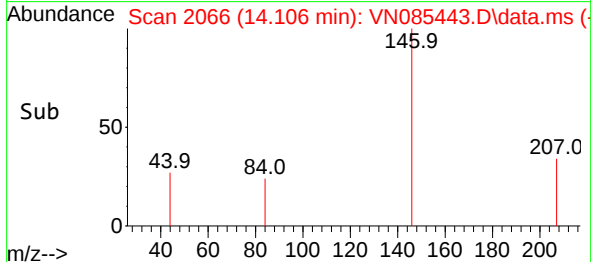
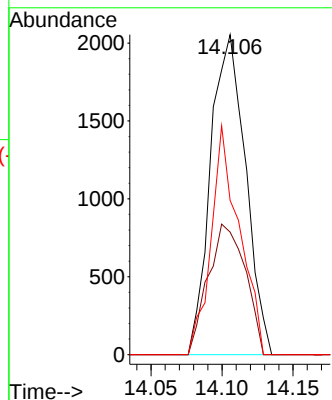
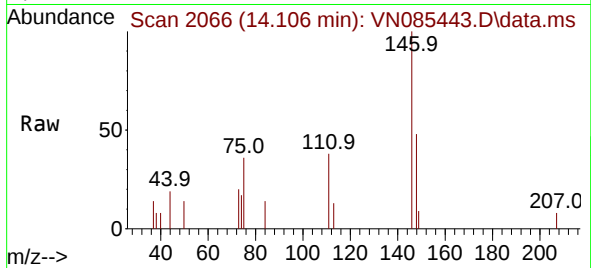




#91
1,2-Dichlorobenzene
Concen: 1.090 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

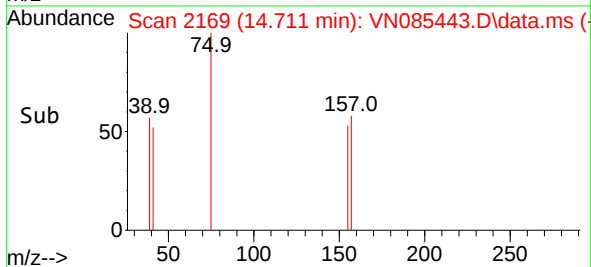
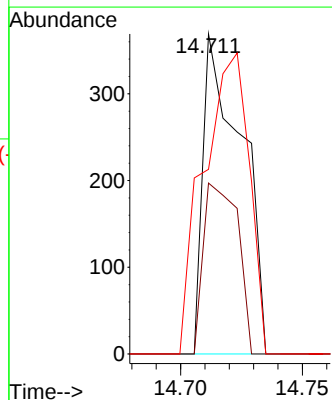
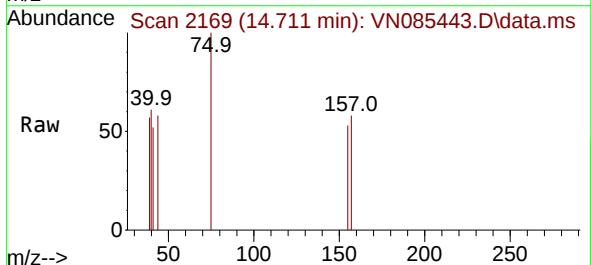
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

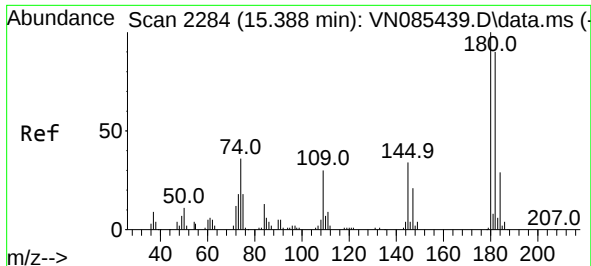
Tgt Ion:146 Resp: 3515
Ion Ratio Lower Upper
146 100
111 43.4 21.7 65.1
148 57.8 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.928 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion: 75 Resp: 402
Ion Ratio Lower Upper
75 100
155 48.0 36.4 109.2
157 112.7 45.4 136.1

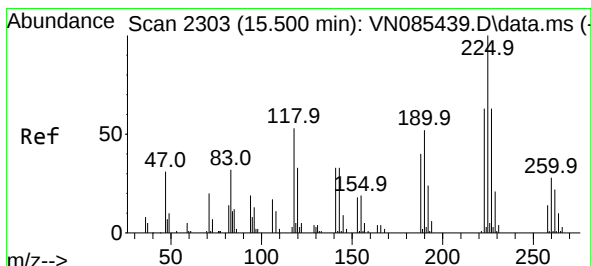
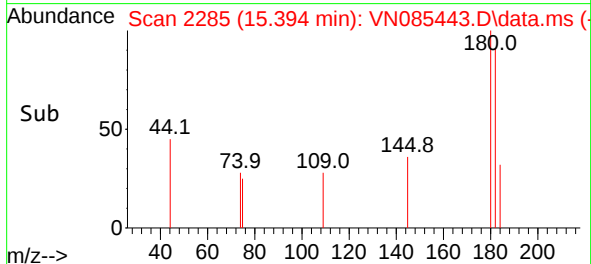
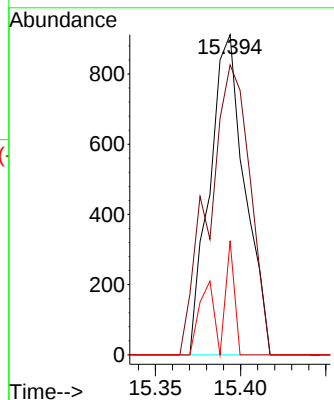
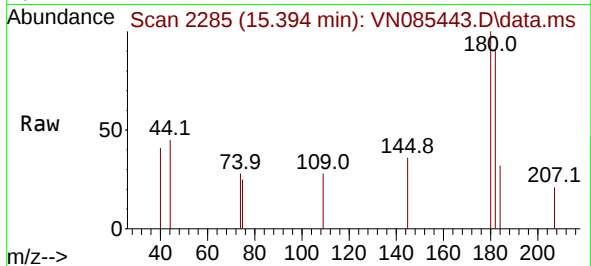




#93
 1,2,4-Trichlorobenzene
 Concen: 0.874 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

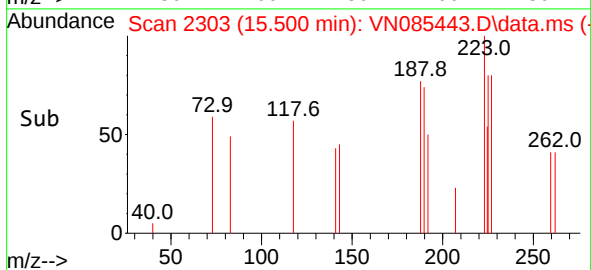
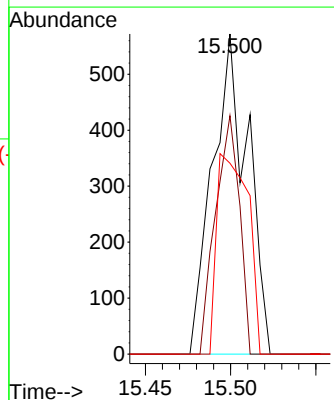
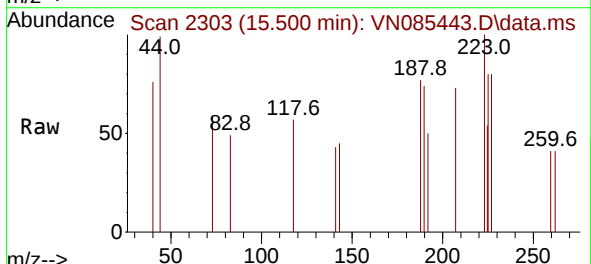
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

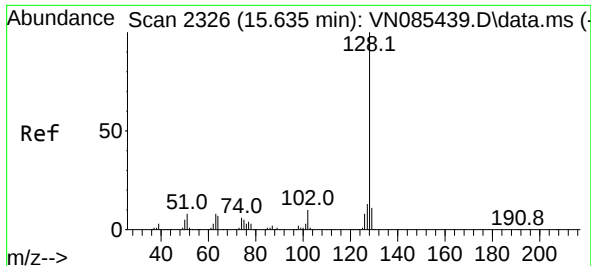
Tgt Ion:180 Resp: 1310
 Ion Ratio Lower Upper
 180 100
 182 106.3 46.8 140.3
 145 9.7 16.0 48.0#



#94
 Hexachlorobutadiene
 Concen: 1.033 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN085443.D
 Acq: 14 Jan 2025 17:19

Tgt Ion:225 Resp: 822
 Ion Ratio Lower Upper
 225 100
 223 50.7 30.7 92.1
 227 55.7 30.9 92.5

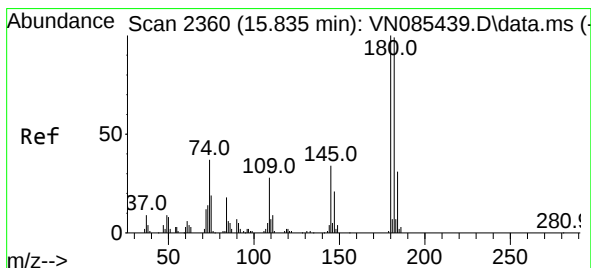
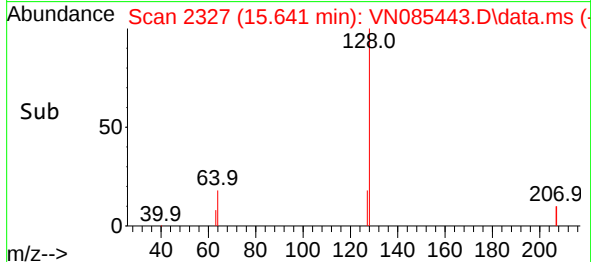
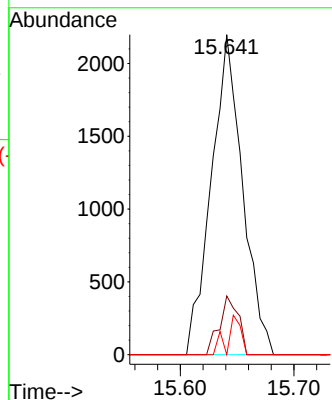
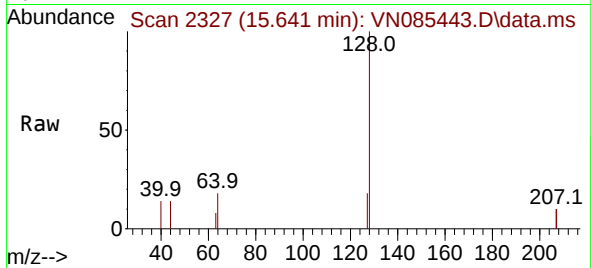




#95
Naphthalene
Concen: 0.941 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 4210
Ion Ratio Lower Upper
128 100
127 11.1 10.6 16.0
129 5.3 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.985 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085443.D
Acq: 14 Jan 2025 17:19

Tgt Ion:180 Resp: 1494
Ion Ratio Lower Upper
180 100
182 90.2 47.4 142.2
145 11.8 16.9 50.7#

