

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044659.D
 Acq On : 16 Jan 2025 08:39
 Operator :
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 00:59:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 00:59:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	31935	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	175523	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	154224	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	93745	30.407	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.367%	
60) 4-Bromofluorobenzene	11.079	95	89238	29.790	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.300%	
63) Toluene-d8	8.641	98	258118	30.772	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.567%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	10161	3.962	ug/l	96
3) Chloromethane	1.294	50	15014	5.027	ug/l	99
4) Vinyl Chloride	1.374	62	14464	4.949	ug/l	93
5) Bromomethane	1.593	94	3833	5.432	ug/l	97
6) Chloroethane	1.660	64	1795	3.804	ug/l	91
7) Trichlorofluoromethane	1.867	101	16029	5.008	ug/l	96
8) Diethyl Ether	2.130	74	6314	5.114	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	11362	4.955	ug/l	99
10) 1,1-Dichloroethene	2.306	96	12297	5.213	ug/l	93
11) Methyl Iodide	2.441	142	16127	4.934	ug/l	98
12) Methyl Acetate	2.703	43	16652	4.835	ug/l	100
13) Acrolein	2.233	56	12799	33.611	ug/l	99
14) Acrylonitrile	3.062	53	32592	25.973	ug/l	99
15) Acetone	2.386	58	8941	26.553	ug/l	95
16) Carbon Disulfide	2.501	76	31970	4.877	ug/l	98
17) Allyl chloride	2.654	41	20504	4.820	ug/l	99
18) Methylene Chloride	2.782	84	13392	5.071	ug/l	88
19) trans-1,2-Dichloroethene	3.081	96	12096	5.157	ug/l	90
20) Diisopropyl ether	3.757	45	40086	5.192	ug/l #	86
21) 1,1-Dichloroethane	3.599	63	22559	4.925	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	14274	4.917	ug/l	94
23) tert-Butyl Alcohol	2.977	59	8816	16.194	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	41947	5.132	ug/l	100
25) Chloroform	5.080	83	22809	5.012	ug/l	98
26) Cyclohexane	5.452	56	20174	5.241	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	15595	5.108	ug/l	96
30) 2-Butanone	4.562	43	44109	26.301	ug/l	99
31) 2,2-Dichloropropane	4.556	77	141	0.033	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	21324	5.270	ug/l	100
33) Carbon Tetrachloride	5.659	117	18012	5.277	ug/l	94
34) Benzene	6.025	78	50311	5.165	ug/l	100
35) Methacrylonitrile	4.922	41	9621	5.133	ug/l	96
36) 1,2-Dichloroethane	6.080	62	17847	5.125	ug/l #	92
37) Trichloroethene	7.116	130	11515	4.896	ug/l	98
38) Methylcyclohexane	7.366	83	21311	5.138	ug/l	99
39) 1,2-Dichloropropane	7.421	63	12181	5.015	ug/l	93
40) Dibromomethane	7.574	93	9326	5.165	ug/l	96
41) Bromodichloromethane	7.818	83	19506	5.231	ug/l	97
42) Vinyl Acetate	3.715	43	176672	26.526	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

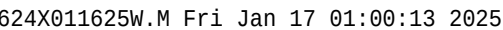
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 00:59:31 2025
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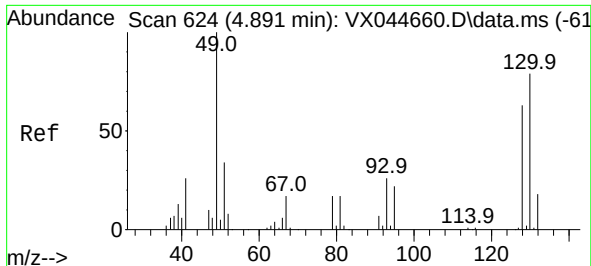
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Ethyl Acetate	4.714	43	15761	4.791	ug/l #	95
44) Isopropyl Acetate	6.342	43	29728	5.030	ug/l	99
45) 1,4-Dioxane	7.671	88	6188	109.953	ug/l	98
46) Methyl methacrylate	7.696	41	14808	5.119	ug/l	91
47) n-amyl Acetate	10.841	43	25825	5.207	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	19698	5.005	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	21573	5.112	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	12425	5.334	ug/l	95
51) Ethyl methacrylate	9.116	69	20798	5.148	ug/l	95
52) 1,3-Dichloropropane	9.305	76	21568	5.362	ug/l	99
53) Dibromochloromethane	9.518	129	14835	5.338	ug/l	97
54) 1,2-Dibromoethane	9.610	107	13144	5.346	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	55031	28.109	ug/l	100
56) Bromoform	10.799	173	9949	5.399	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	88064	27.090	ug/l	100
59) 2-Hexanone	9.433	43	64656	27.167	ug/l	99
61) Tetrachloroethene	9.269	164	9388	5.075	ug/l	94
62) Toluene	8.714	91	53894	5.307	ug/l	97
64) Chlorobenzene	10.073	112	32777	5.197	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	11815	5.215	ug/l	97
66) Ethyl Benzene	10.189	91	56887	5.133	ug/l	99
67) m/p-Xylenes	10.299	106	43104	10.581	ug/l	99
68) o-Xylene	10.640	106	21611	5.286	ug/l	99
69) Styrene	10.652	104	35022	5.217	ug/l	99
70) Isopropylbenzene	10.957	105	54978	5.349	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	19252	5.562	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	19820	6.818	ug/l	86
73) Bromobenzene	11.195	156	12540	5.237	ug/l	98
74) n-propylbenzene	11.299	91	59373	5.082	ug/l	99
75) 2-Chlorotoluene	11.360	91	38923	5.300	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	44812	5.369	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	7275	5.290	ug/l	95
78) 4-Chlorotoluene	11.451	91	42547	5.261	ug/l	100
79) tert-butylbenzene	11.713	119	46656	5.441	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	44923	5.334	ug/l	99
81) sec-Butylbenzene	11.890	105	53980	5.272	ug/l	98
82) p-Isopropyltoluene	12.006	119	43716	5.187	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	21317	5.012	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	20782	4.984	ug/l	100
85) n-Butylbenzene	12.329	91	35040	4.797	ug/l	99
86) Hexachloroethane	12.536	117	10162	5.481	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	22448	5.286	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	4748	5.705	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	12251	4.642	ug/l	99
90) Hexachlorobutadiene	13.719	225	5203	5.096	ug/l	98
91) Naphthalene	13.774	128	48452	4.907	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	12639	4.708	ug/l	98

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

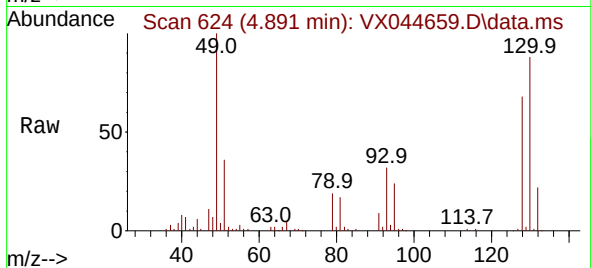
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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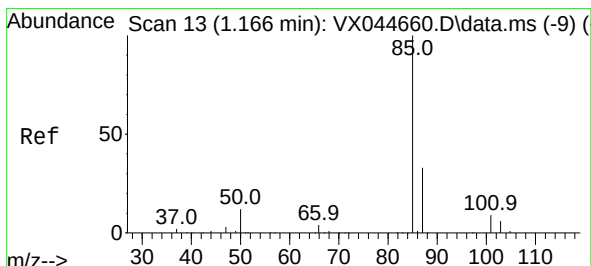
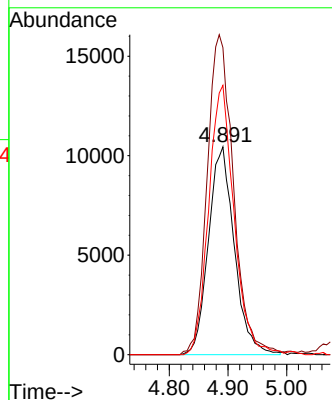
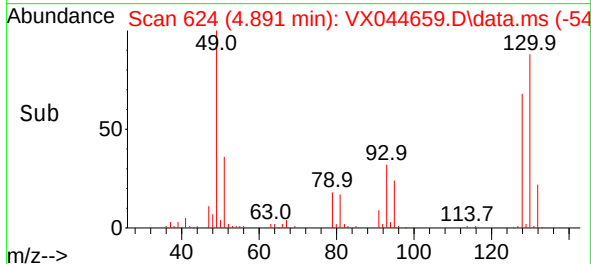


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Instrument :
MSVOA_X
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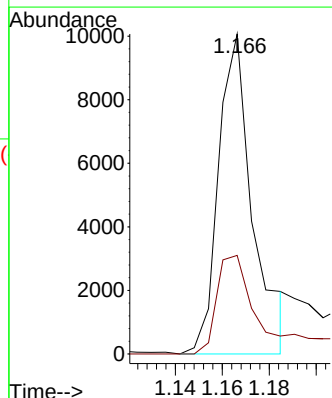
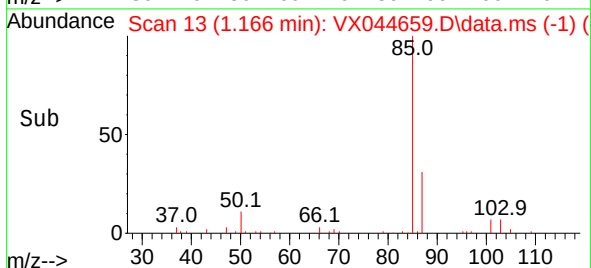
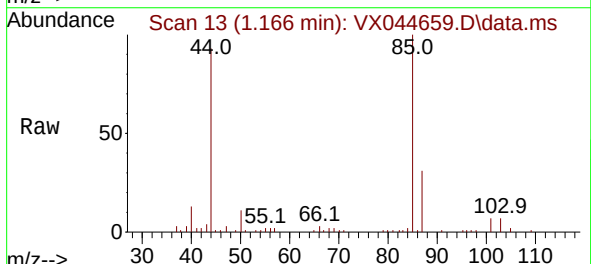


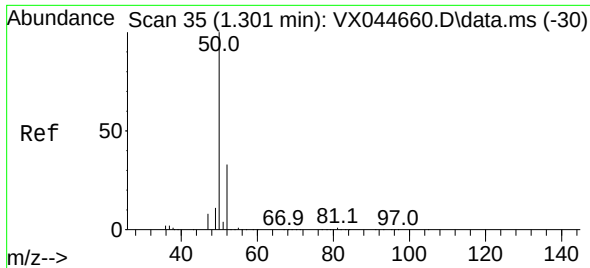
Tgt Ion:128 Resp: 31935
Ion Ratio Lower Upper
128 100
49 156.6 0.0 411.5
130 126.2 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 3.962 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 85 Resp: 10161
Ion Ratio Lower Upper
85 100
87 30.8 16.6 49.8

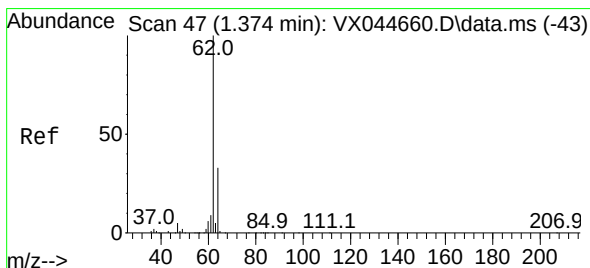
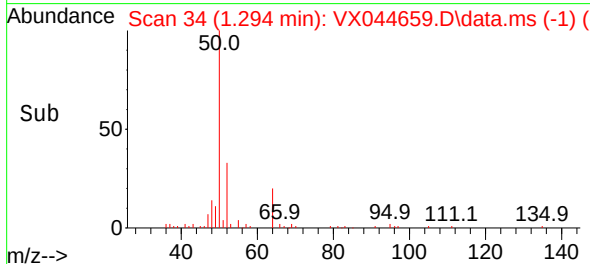
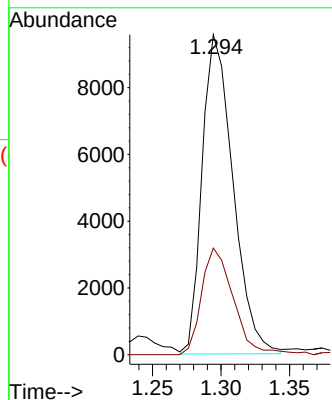
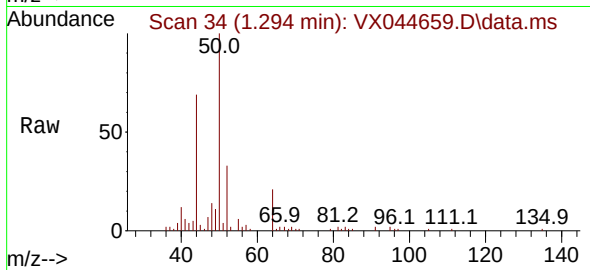




#3
Chloromethane
Concen: 5.027 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

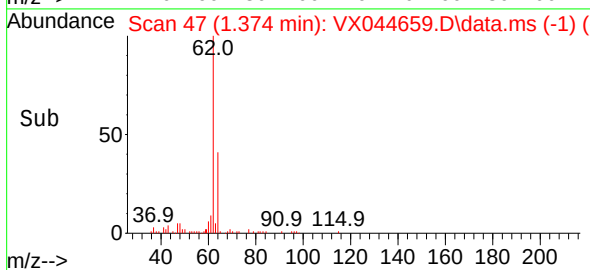
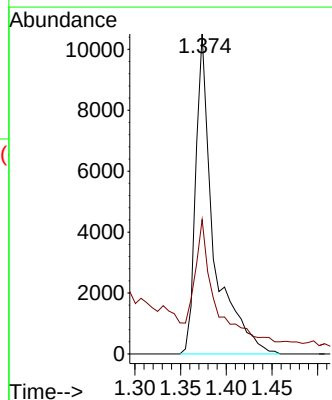
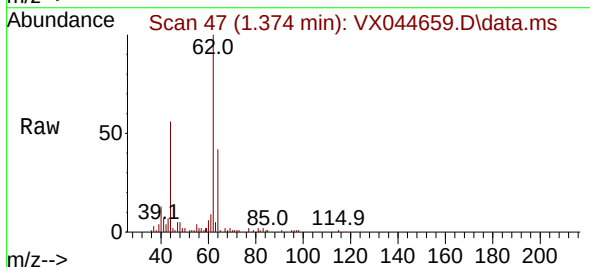
Instrument :
MSVOA_X
ClientSampleId :

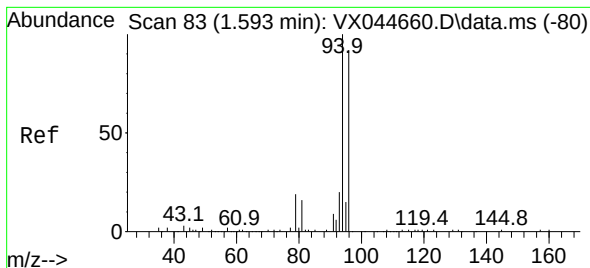
Tgt Ion: 50 Resp: 15014
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7



#4
Vinyl Chloride
Concen: 4.949 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 62 Resp: 14464
Ion Ratio Lower Upper
62 100
64 38.2 27.3 40.9





#5

Bromomethane

Concen: 5.432 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

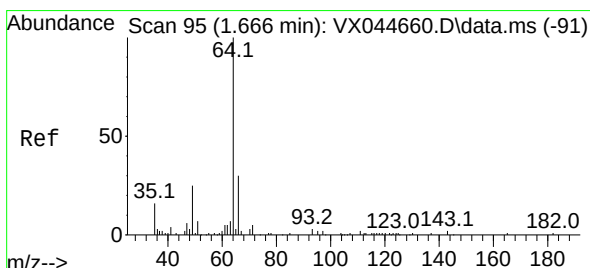
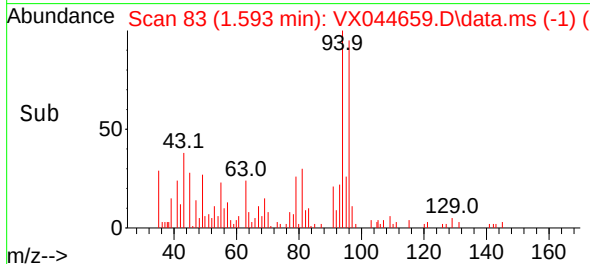
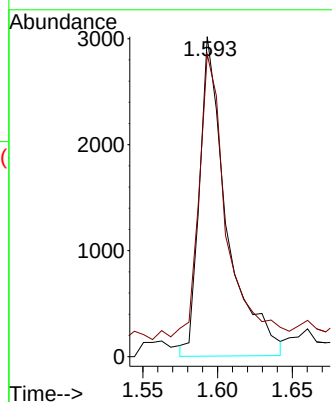
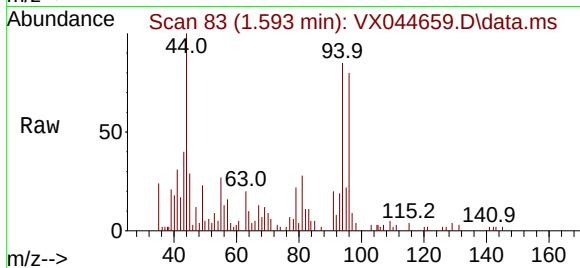
ClientSampleId :

Tgt Ion: 94 Resp: 3833

Ion Ratio Lower Upper

94 100

96 88.7 73.3 109.9



#6

Chloroethane

Concen: 3.804 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX044659.D

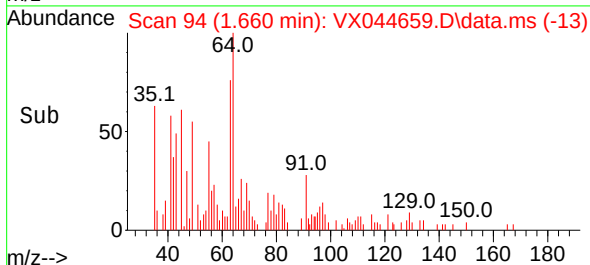
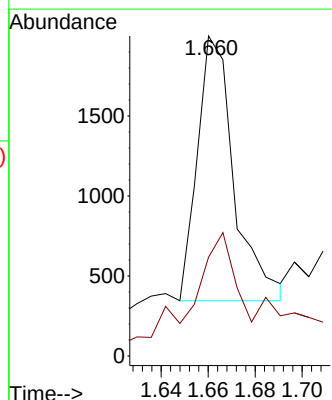
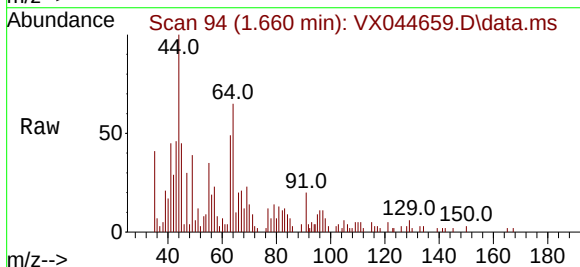
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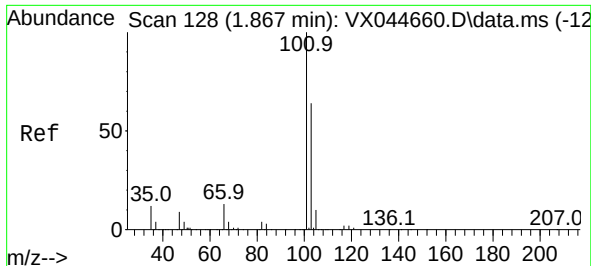
Tgt Ion: 64 Resp: 1795

Ion Ratio Lower Upper

64 100

66 25.0 23.8 35.6

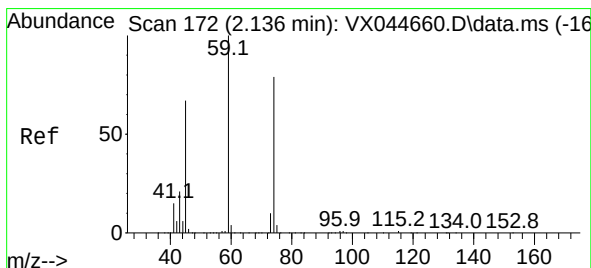
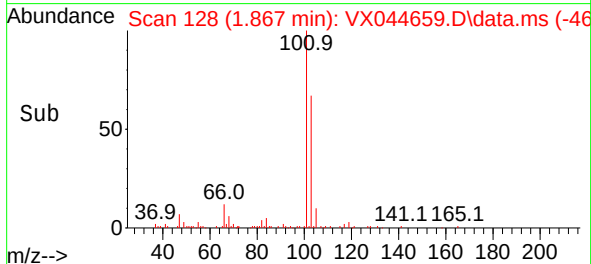
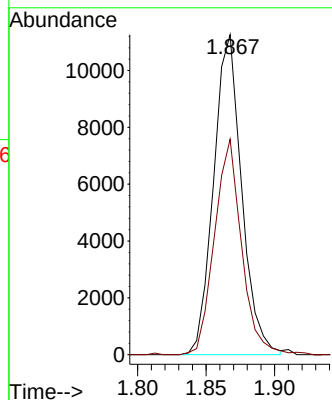
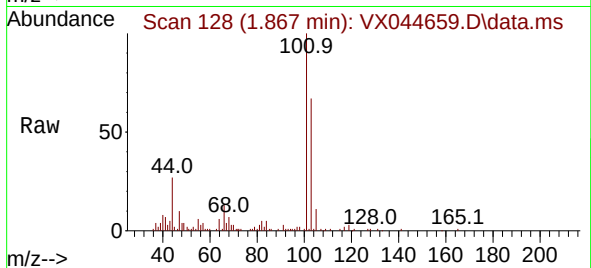




#7
 Trichlorofluoromethane
 Concen: 5.008 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

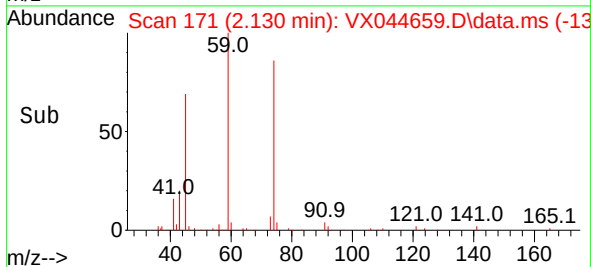
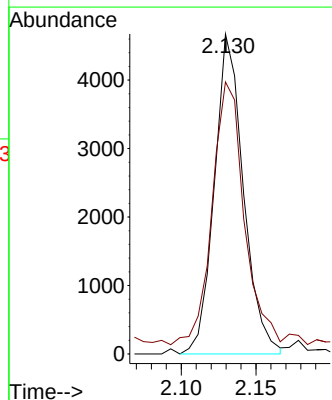
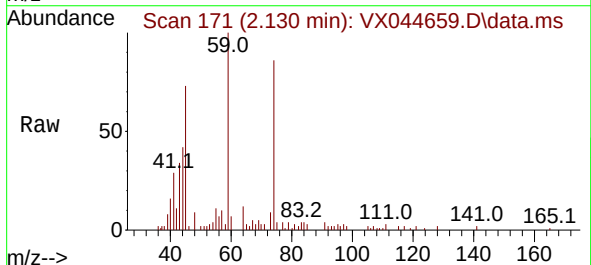
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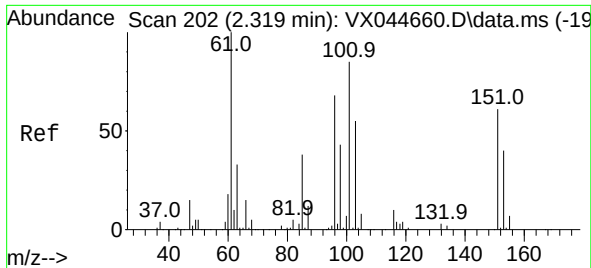
Tgt Ion:101 Resp: 16029
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.1 76.7



#8
 Diethyl Ether
 Concen: 5.114 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

Tgt Ion: 74 Resp: 6314
 Ion Ratio Lower Upper
 74 100
 45 90.1 18.8 168.8

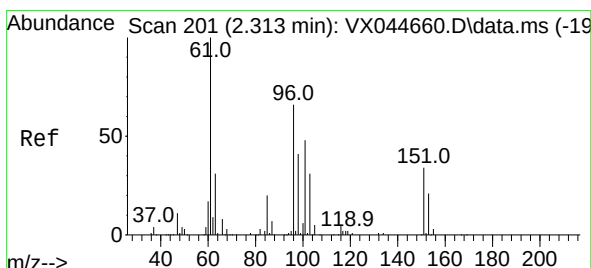
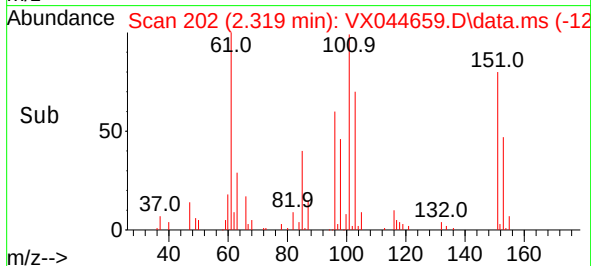
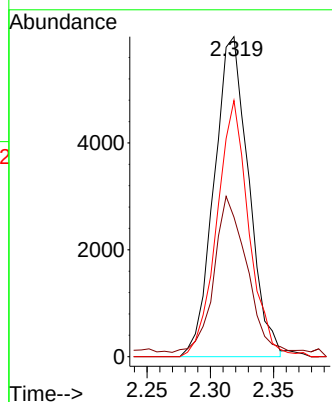
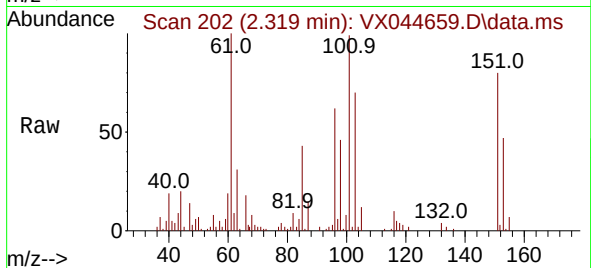




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.955 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

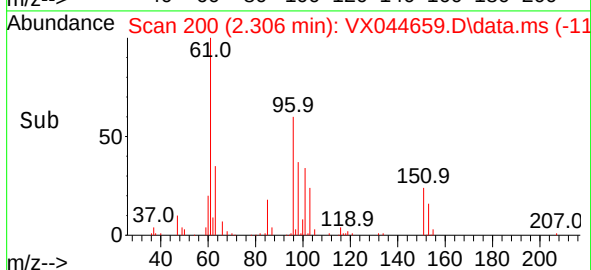
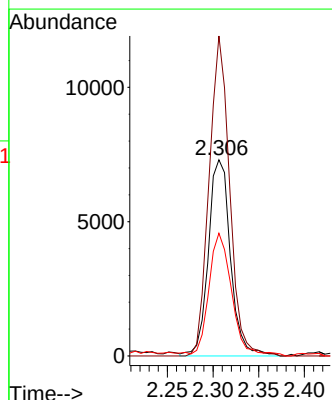
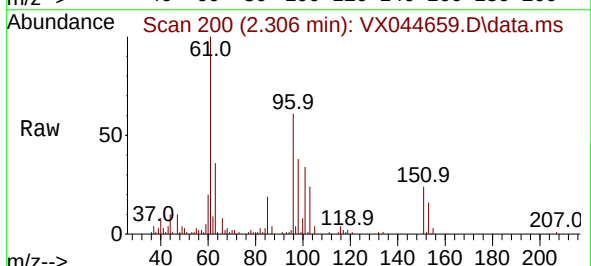
Instrument :
MSVOA_X
ClientSampleId :

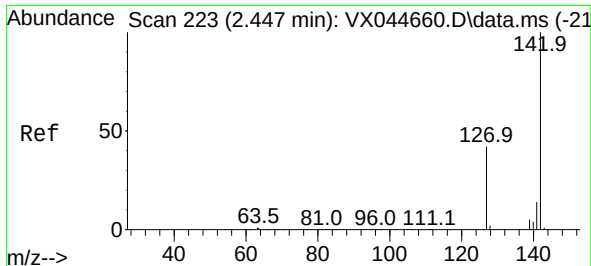
Tgt Ion:101 Resp: 11362
Ion Ratio Lower Upper
101 100
85 45.7 0.0 88.0
151 74.2 0.0 147.0



#10
1,1-Dichloroethene
Concen: 5.213 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

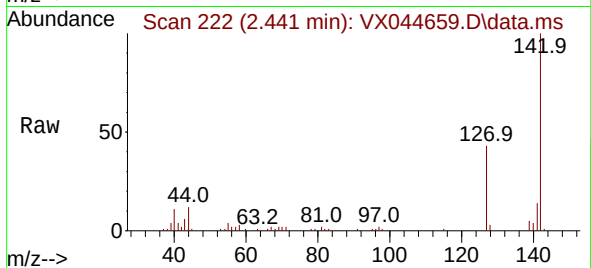
Tgt Ion: 96 Resp: 12297
Ion Ratio Lower Upper
96 100
61 163.1 121.6 182.4
98 61.4 50.3 75.5



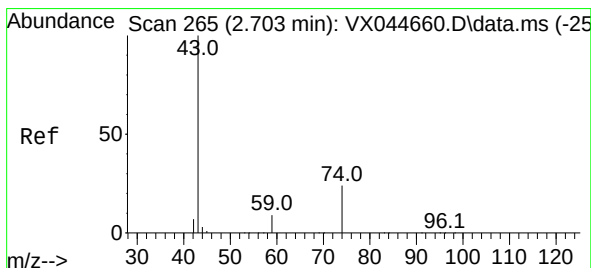
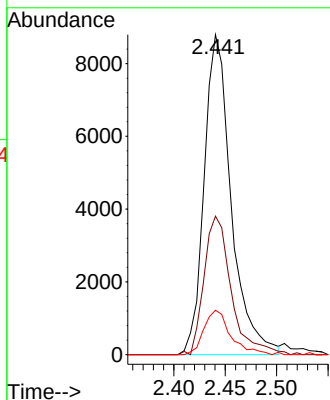
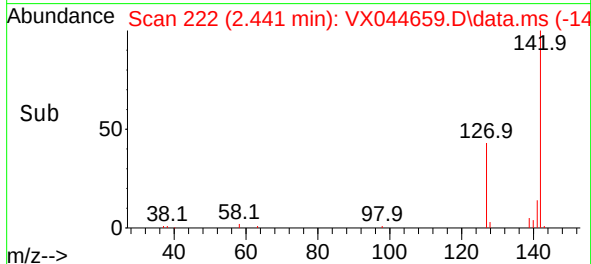


#11
Methyl Iodide
Concen: 4.934 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Instrument :
MSVOA_X
ClientSampleId :

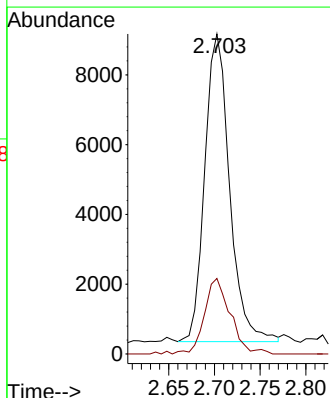
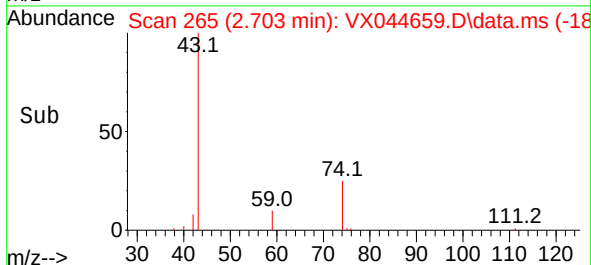
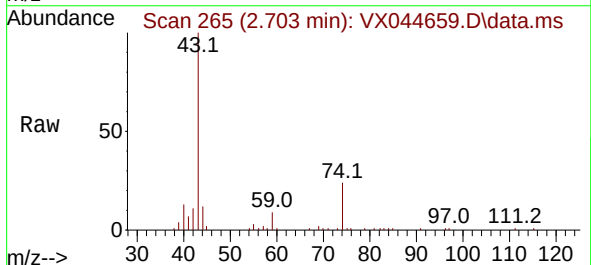


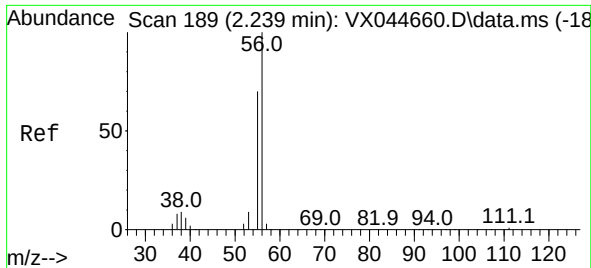
Tgt Ion:142 Resp: 16127
Ion Ratio Lower Upper
142 100
127 43.3 20.8 62.4
141 13.7 7.0 20.9



#12
Methyl Acetate
Concen: 4.835 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 43 Resp: 16652
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2

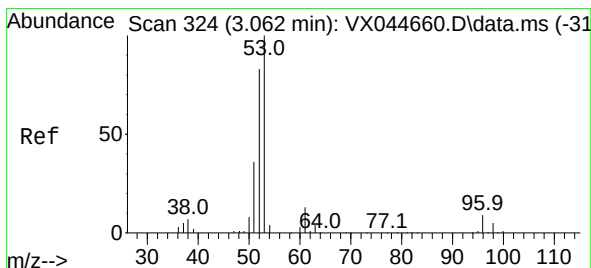
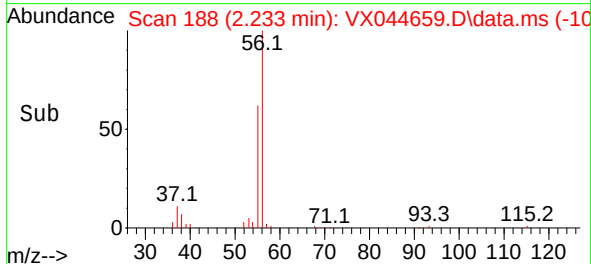
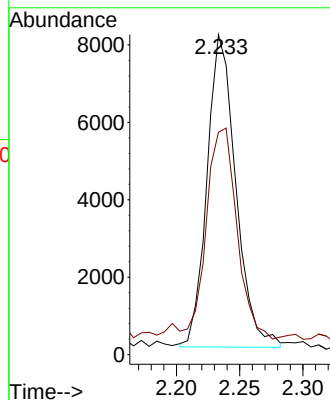
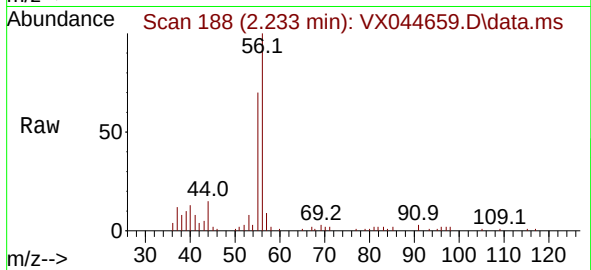




#13
Acrolein
Concen: 33.611 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

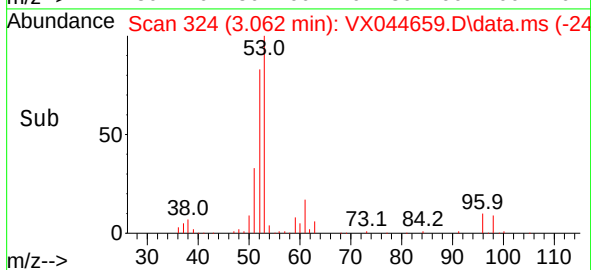
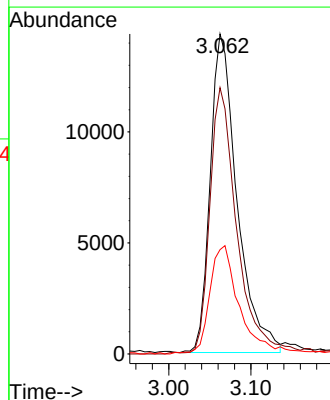
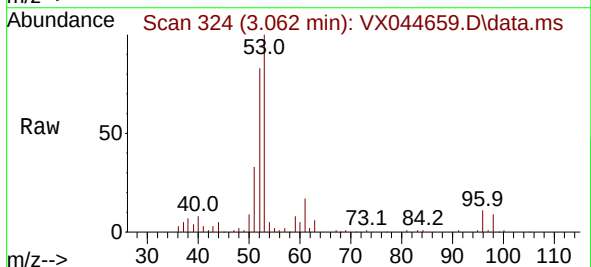
Instrument :
MSVOA_X
ClientSampleId :

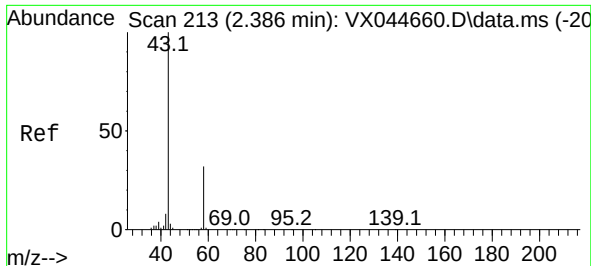
Tgt Ion: 56 Resp: 12799
Ion Ratio Lower Upper
56 100
55 71.4 57.5 86.3



#14
Acrylonitrile
Concen: 25.973 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 53 Resp: 32592
Ion Ratio Lower Upper
53 100
52 83.9 41.4 124.2
51 36.5 18.1 54.4

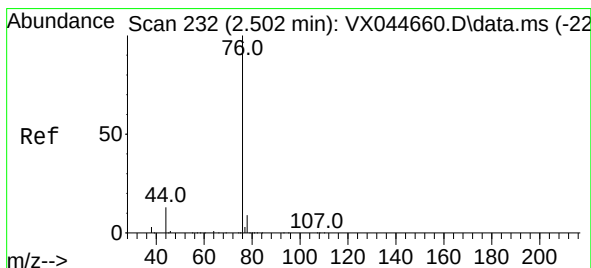
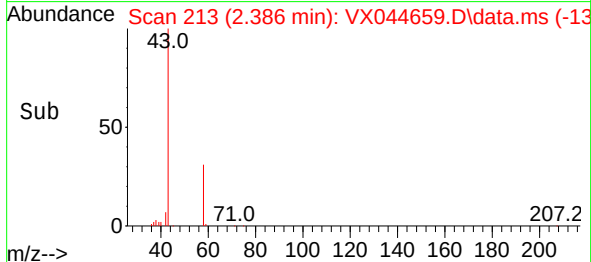
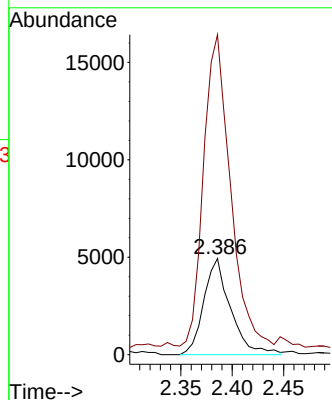
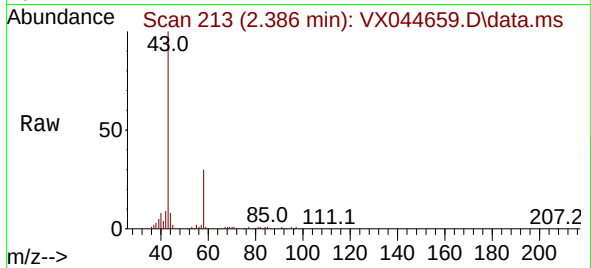




#15
Acetone
Concen: 26.553 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

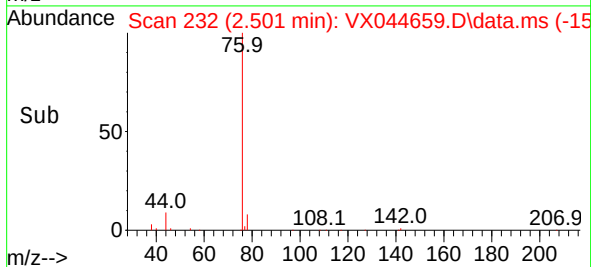
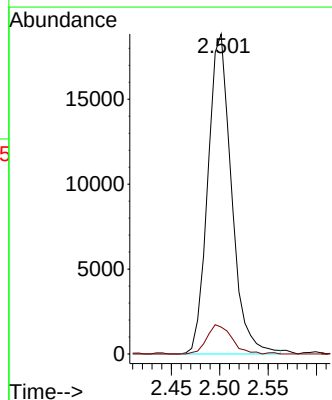
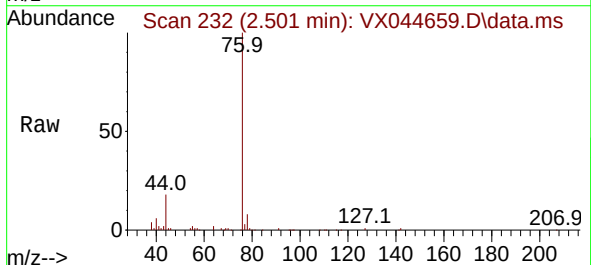
Instrument :
MSVOA_X
ClientSampleId :

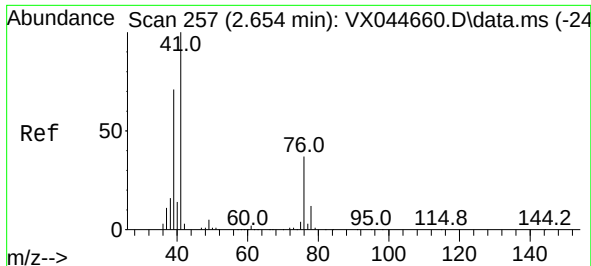
Tgt Ion: 58 Resp: 8941
Ion Ratio Lower Upper
58 100
43 323.5 251.0 376.4



#16
Carbon Disulfide
Concen: 4.877 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 76 Resp: 31970
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

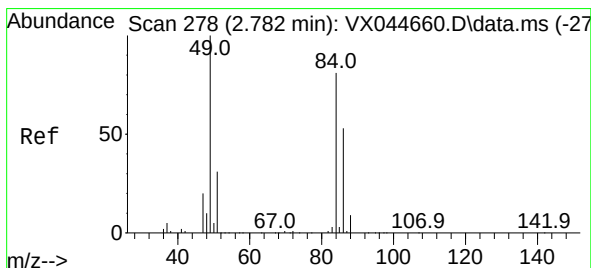
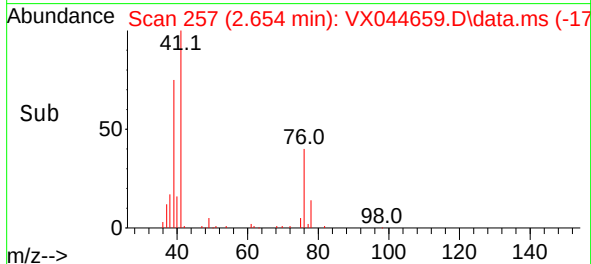
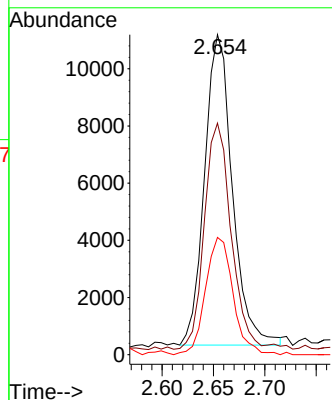
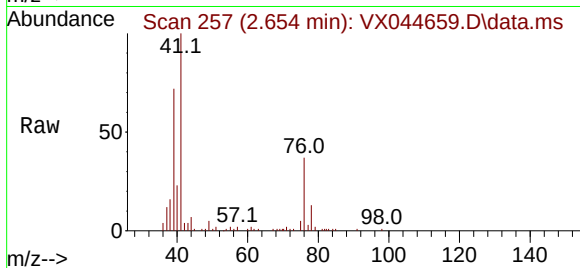




#17
 Allyl chloride
 Concen: 4.820 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

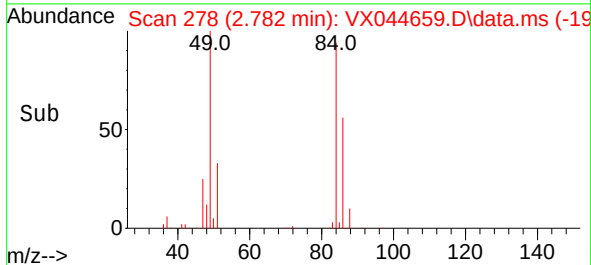
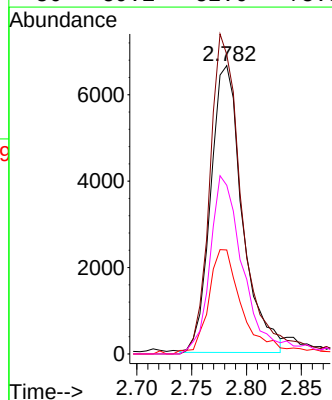
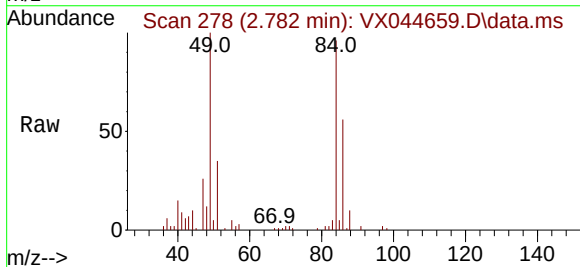
Instrument :
 MSVOA_X
 ClientSampleId :

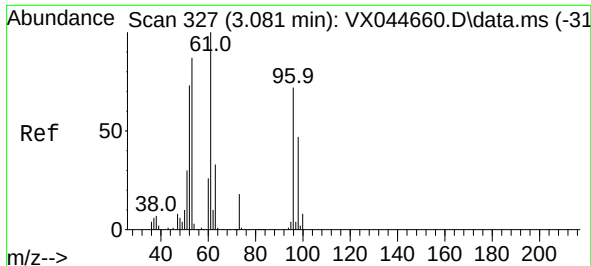
Tgt Ion:	41	Resp:	20504
Ion	Ratio	Lower	Upper
41	100		
39	72.6	35.6	106.8
76	37.8	18.9	56.5



#18
 Methylene Chloride
 Concen: 5.071 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

Tgt Ion:	84	Resp:	13392
Ion	Ratio	Lower	Upper
84	100		
49	104.9	98.3	147.5
51	35.2	30.6	46.0
86	59.1	52.6	78.8





#19

trans-1,2-Dichloroethene

Concen: 5.157 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :

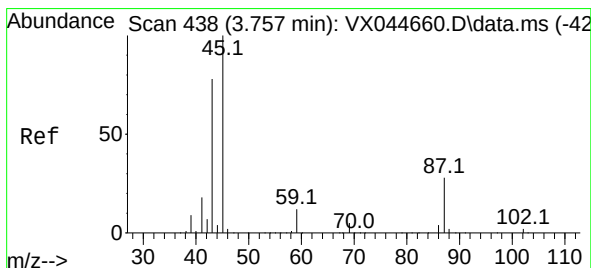
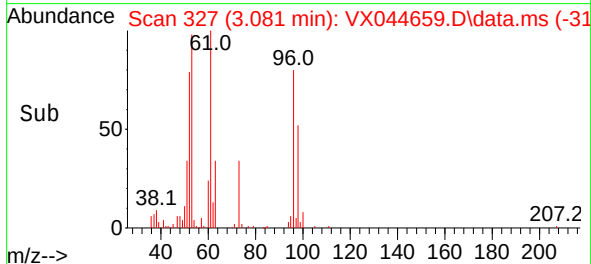
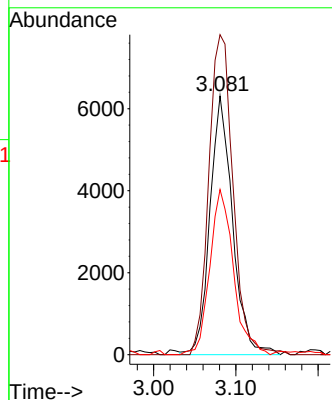
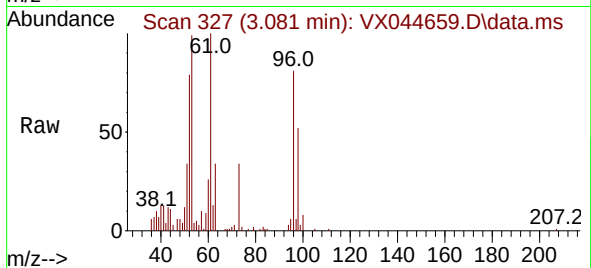
Tgt Ion: 96 Resp: 12096

Ion Ratio Lower Upper

96 100

61 123.7 111.5 167.3

98 63.8 52.6 79.0



#20

Diisopropyl ether

Concen: 5.192 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Tgt Ion: 45 Resp: 40086

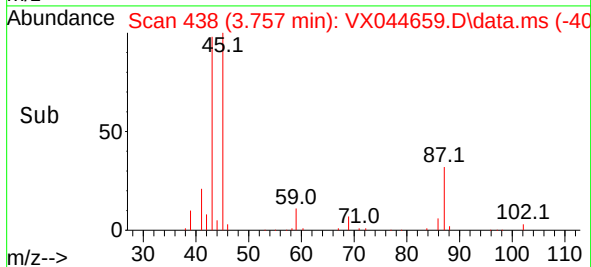
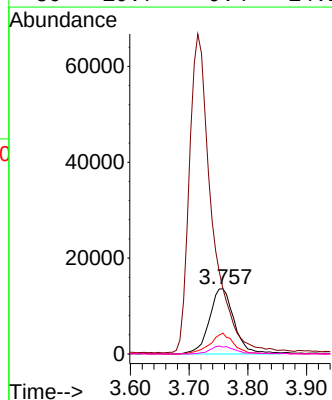
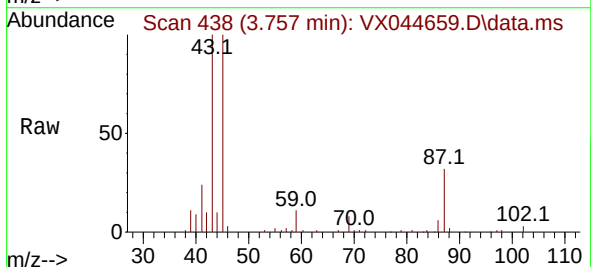
Ion Ratio Lower Upper

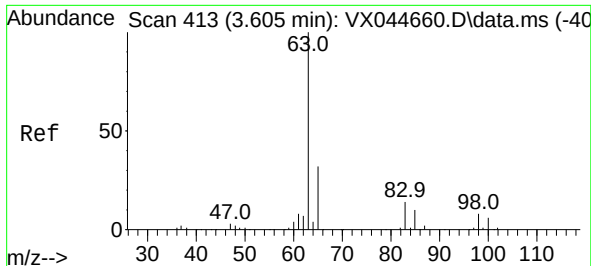
45 100

43 94.9 62.6 94.0#

87 31.8 22.7 34.1

59 10.7 9.4 14.2





#21

1,1-Dichloroethane

Concen: 4.925 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :

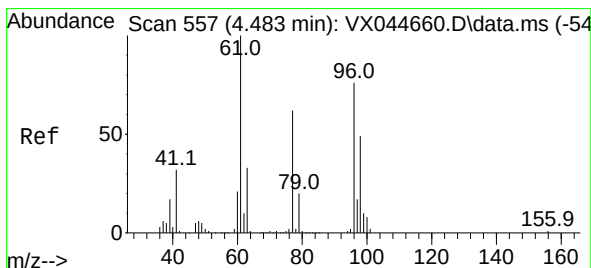
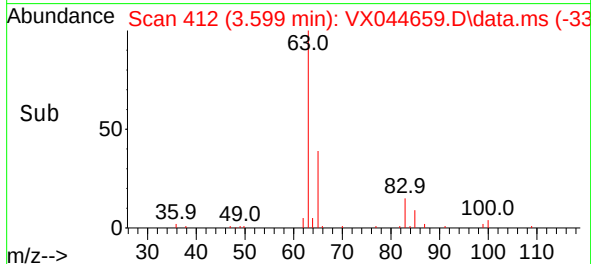
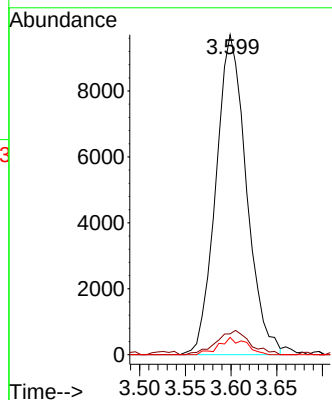
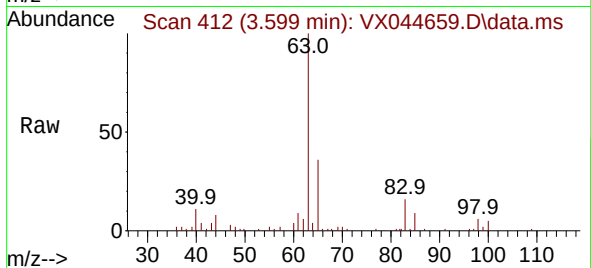
Tgt Ion: 63 Resp: 22559

Ion Ratio Lower Upper

63 100

98 6.5 4.0 11.9

100 5.4 2.8 8.3



#22

cis-1,2-Dichloroethene

Concen: 4.917 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

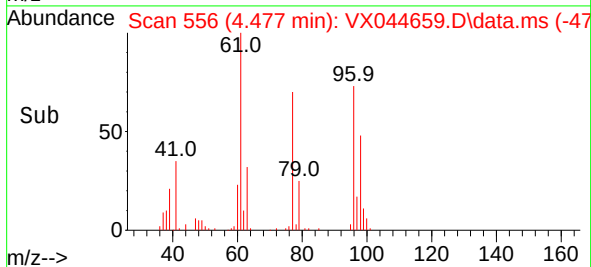
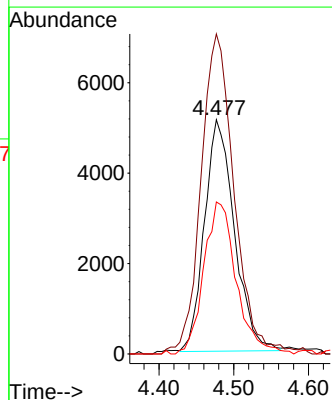
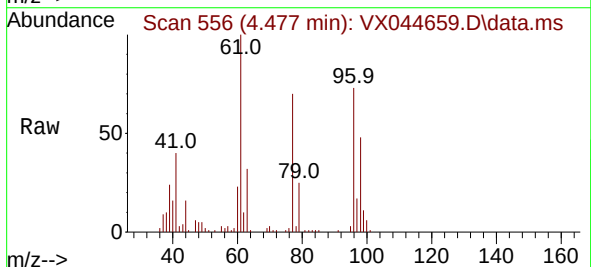
Tgt Ion: 96 Resp: 14274

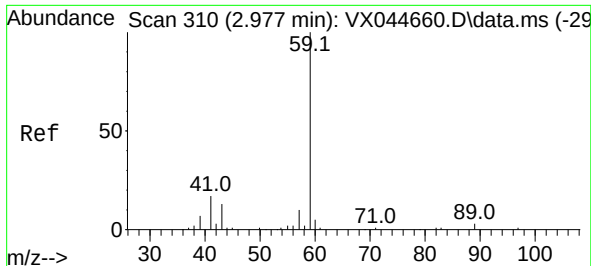
Ion Ratio Lower Upper

96 100

61 149.9 115.2 172.8

98 70.9 51.8 77.6





#23

tert-Butyl Alcohol

Concen: 16.194 ug/l

RT: 2.977 min Scan# 310

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

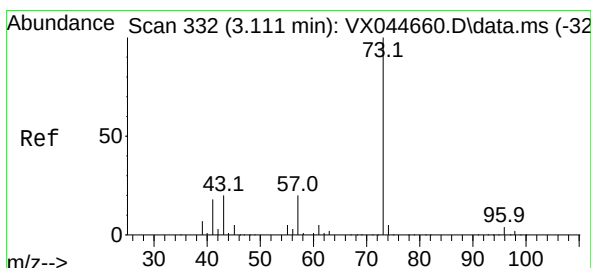
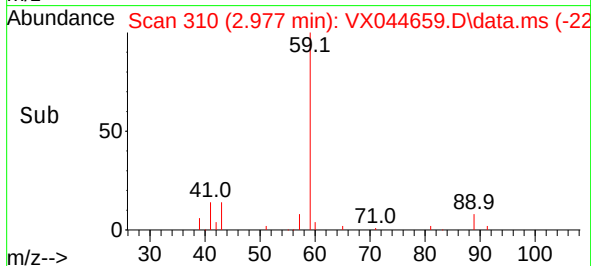
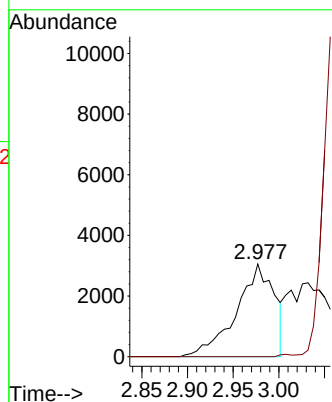
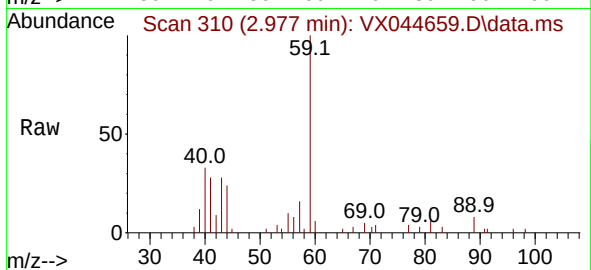
ClientSampleId :

Tgt Ion: 59 Resp: 8816

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 5.132 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX044659.D

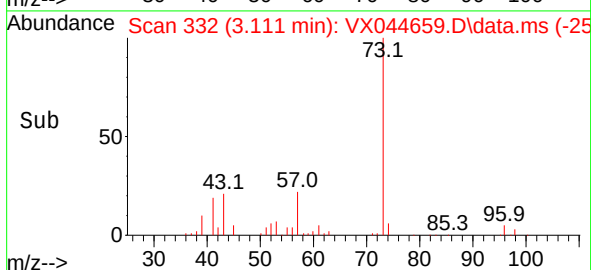
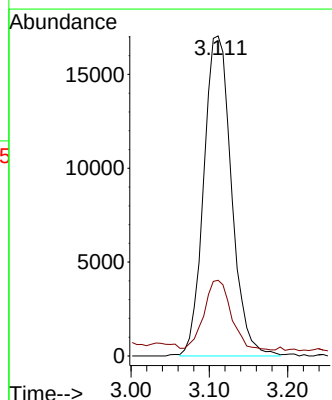
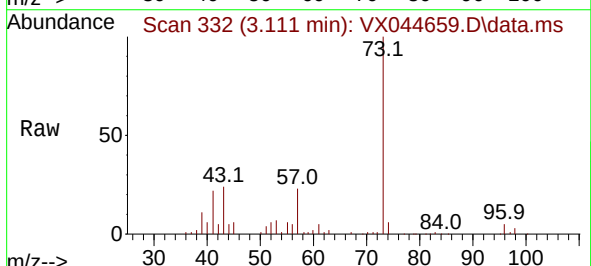
Acq: 16 Jan 2025 08:39

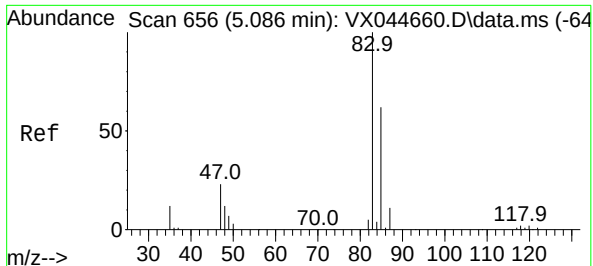
Tgt Ion: 73 Resp: 41947

Ion Ratio Lower Upper

73 100

43 21.3 16.9 25.3





#25

Chloroform

Concen: 5.012 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

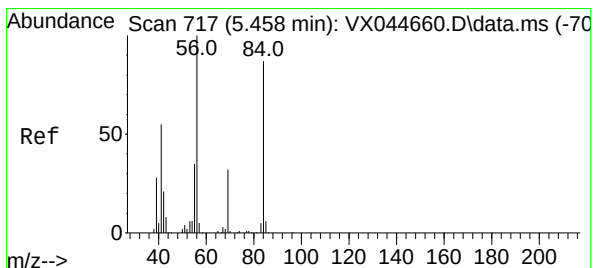
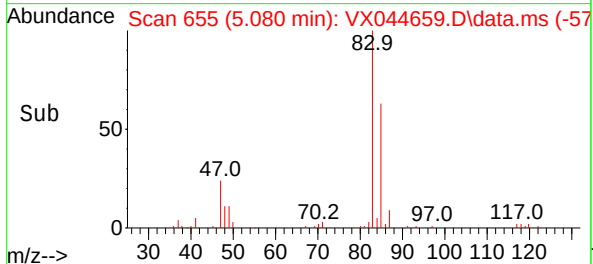
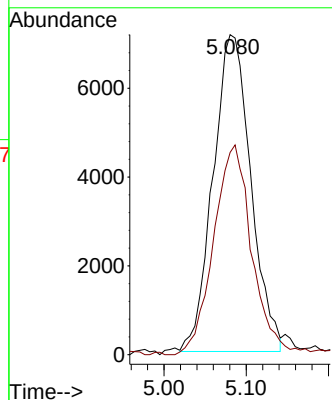
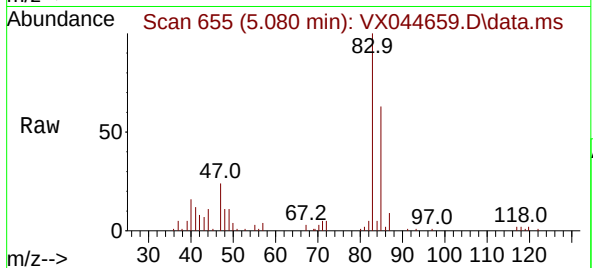
ClientSampleId :

Tgt Ion: 83 Resp: 22809

Ion Ratio Lower Upper

83 100

85 63.2 49.4 74.2



#26

Cyclohexane

Concen: 5.241 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

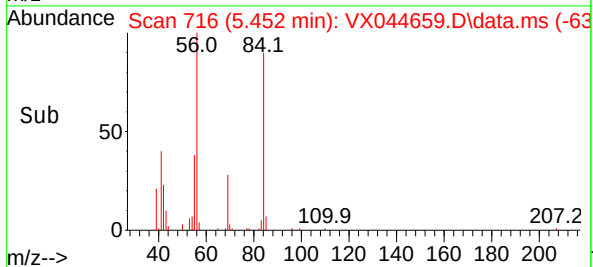
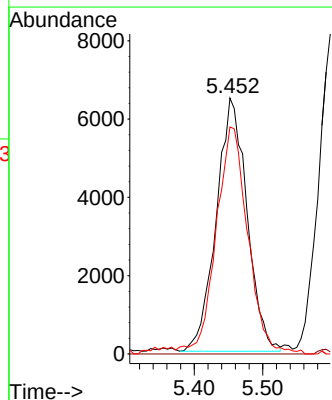
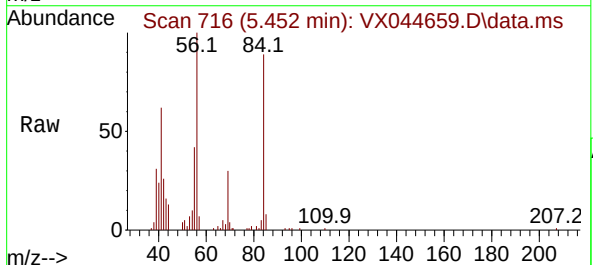
Tgt Ion: 56 Resp: 20174

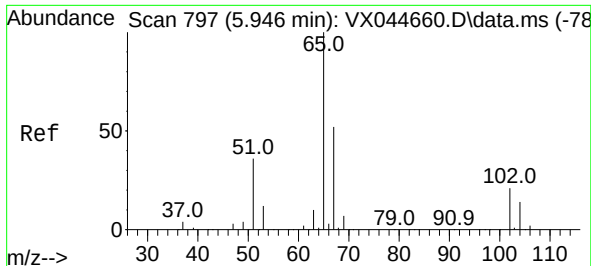
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.3 72.2 108.4

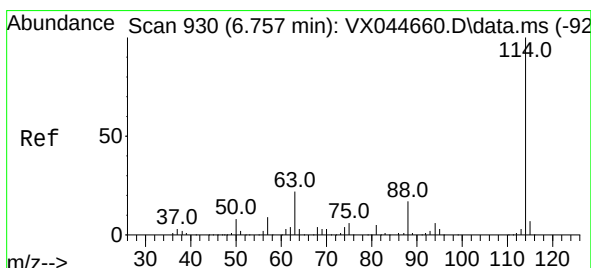
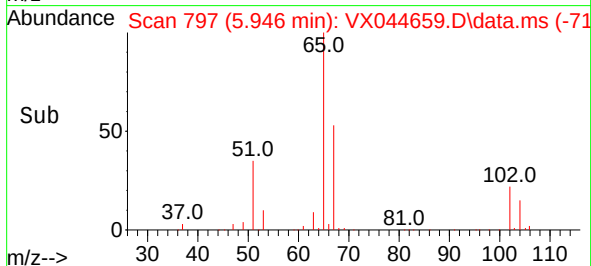
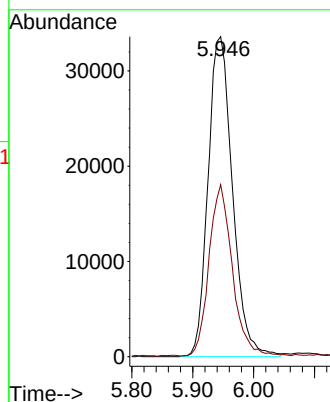
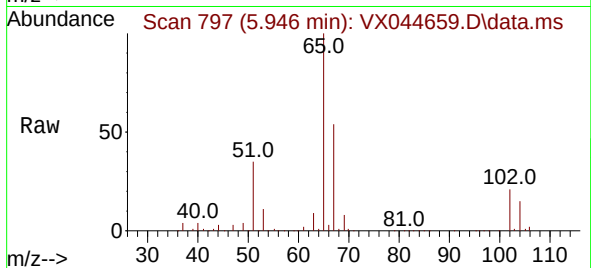




#27
 1,2-Dichloroethane-d4
 Concen: 30.407 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

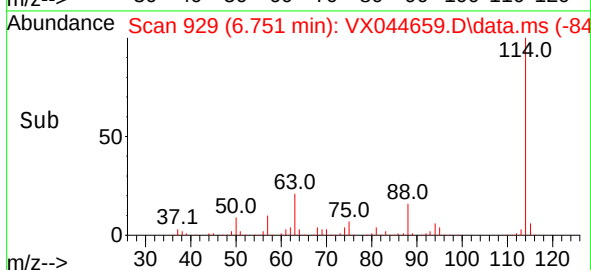
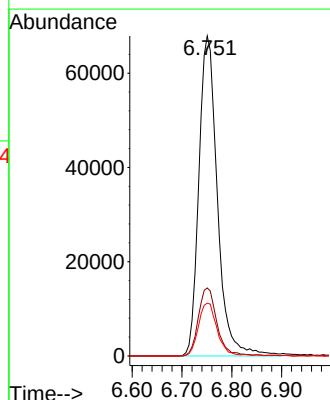
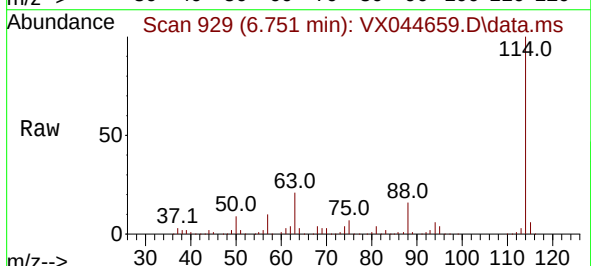
Instrument :
 MSVOA_X
 ClientSampleId :

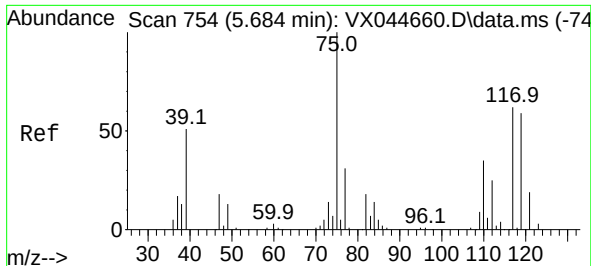
Tgt Ion: 65 Resp: 93745
 Ion Ratio Lower Upper
 65 100
 67 51.1 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

Tgt Ion: 114 Resp: 175523
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.6 24.8
 88 16.5 13.4 20.2

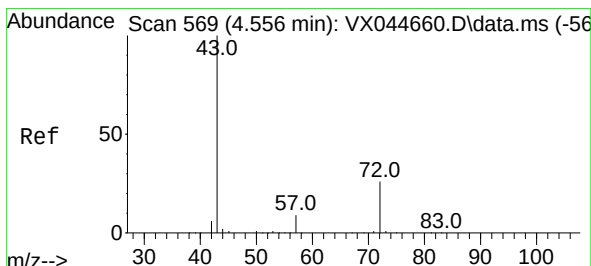
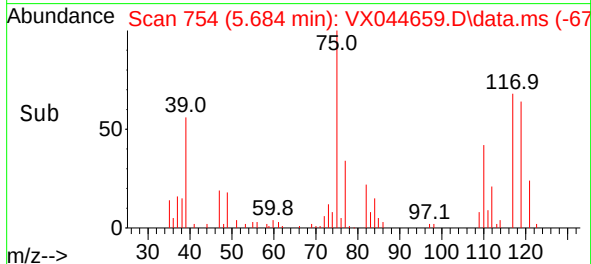
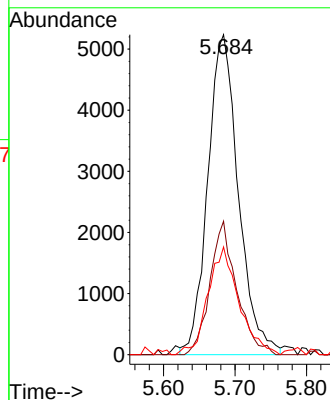
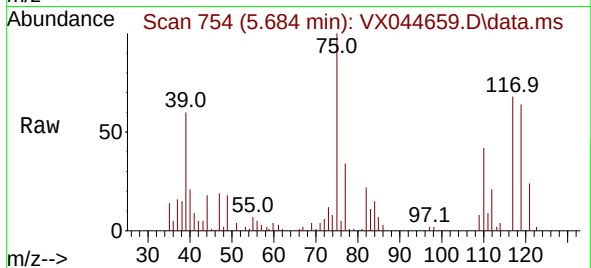




#29
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

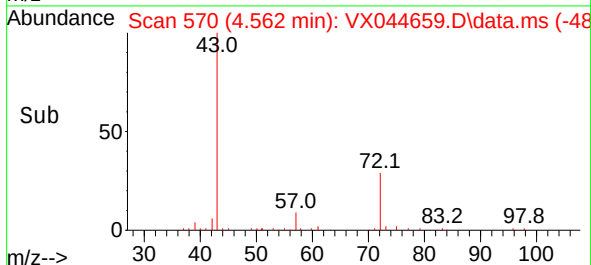
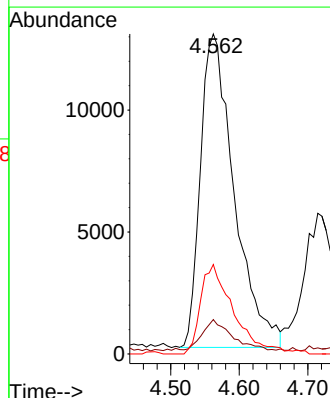
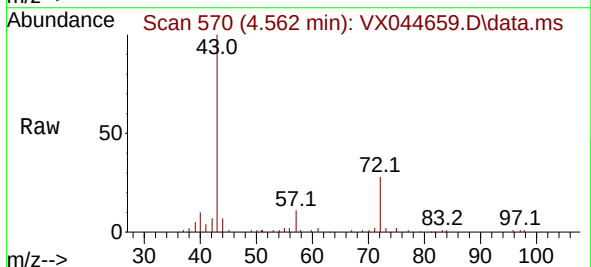
Instrument :
MSVOA_X
ClientSampleId :

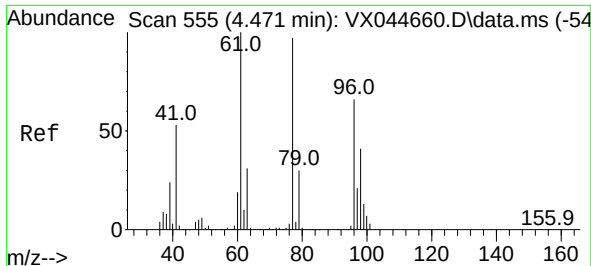
Tgt Ion: 75 Resp: 15595
Ion Ratio Lower Upper
75 100
110 35.9 0.0 69.4
77 33.2 0.0 59.8



#30
2-Butanone
Concen: 26.301 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 43 Resp: 44109
Ion Ratio Lower Upper
43 100
57 7.3 6.4 9.6
72 27.4 21.5 32.3

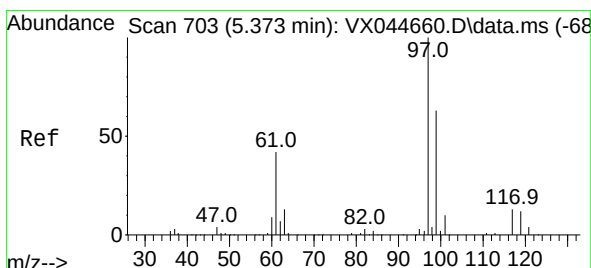
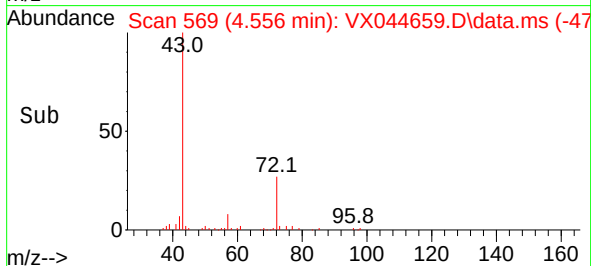
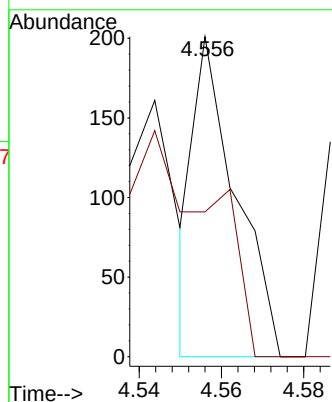
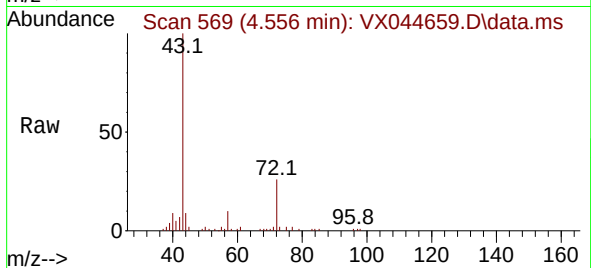




#31
2,2-Dichloropropane
Concen: 0.033 ug/l
RT: 4.556 min Scan# 51
Delta R.T. 0.085 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

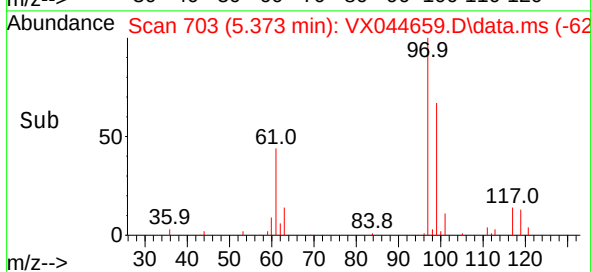
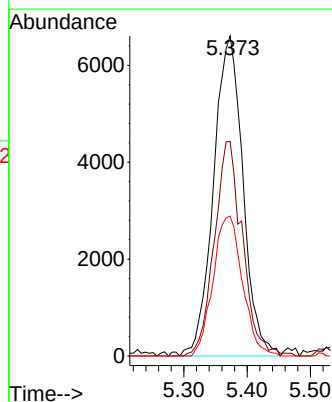
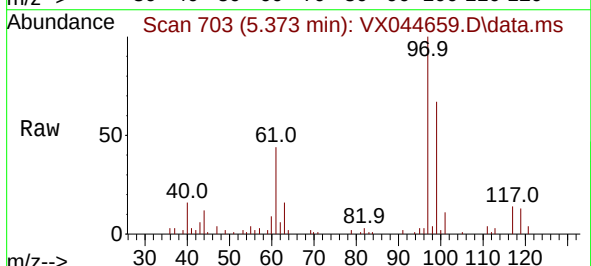
Instrument :
MSVOA_X
ClientSampleId :

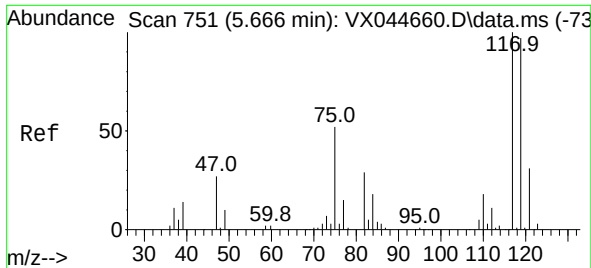
Tgt Ion: 77 Resp: 141
Ion Ratio Lower Upper
77 100
97 27.0 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 5.270 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 97 Resp: 21324
Ion Ratio Lower Upper
97 100
99 63.2 50.5 75.7
61 43.7 34.6 51.8

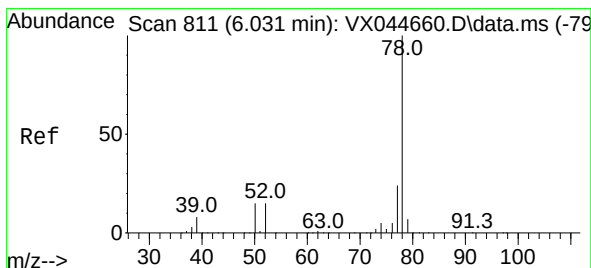
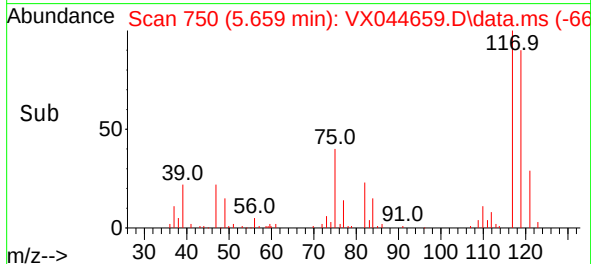
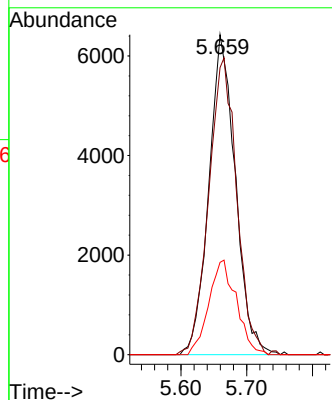
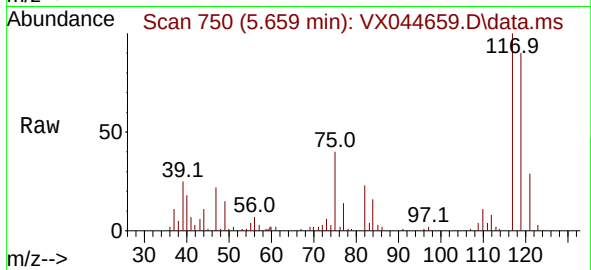




#33
Carbon Tetrachloride
Concen: 5.277 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

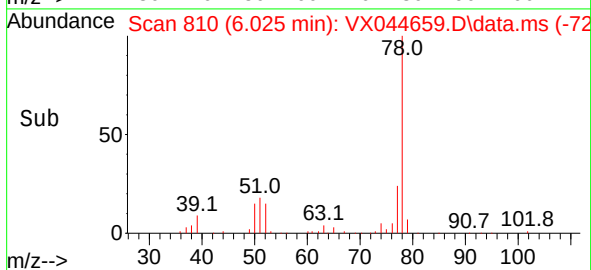
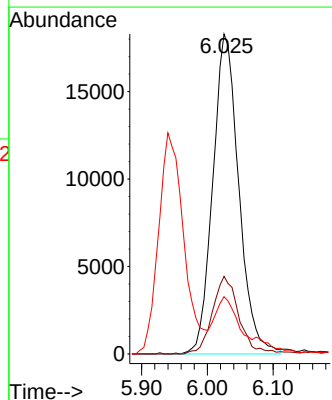
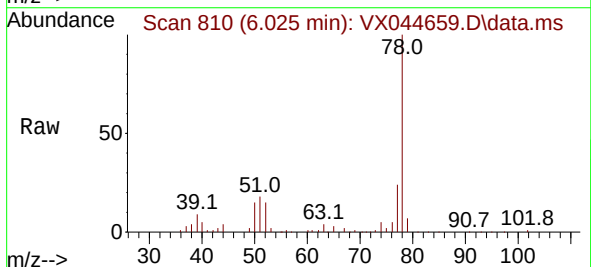
Instrument :
MSVOA_X
ClientSampleId :

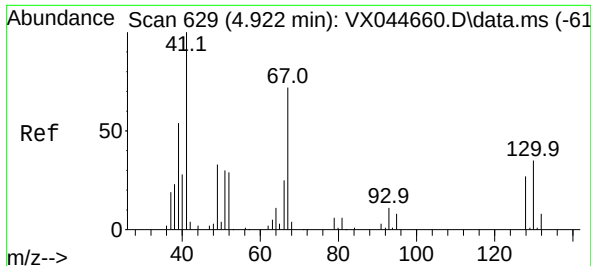
Tgt Ion:117 Resp: 18012
Ion Ratio Lower Upper
117 100
119 89.7 77.3 115.9
121 28.9 24.6 37.0



#34
Benzene
Concen: 5.165 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

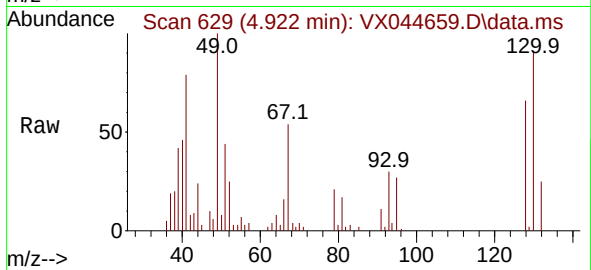
Tgt Ion: 78 Resp: 50311
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9
51 16.1 12.7 19.1



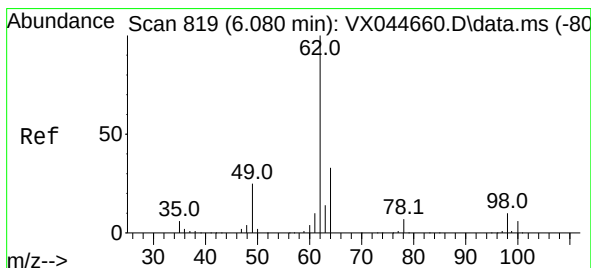
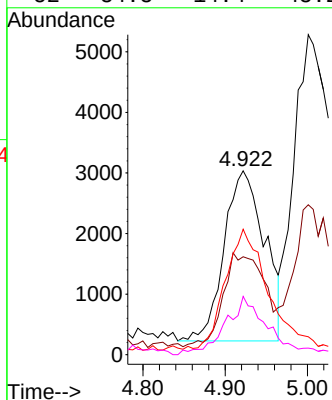
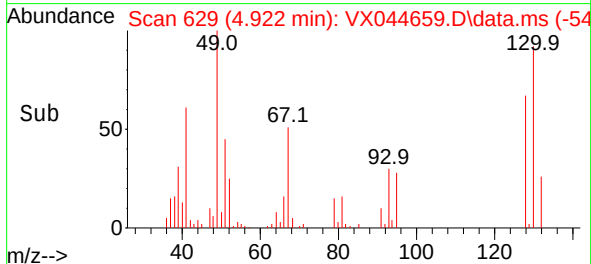


#35
Methacrylonitrile
Concen: 5.133 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Instrument :
MSVOA_X
ClientSampleId :

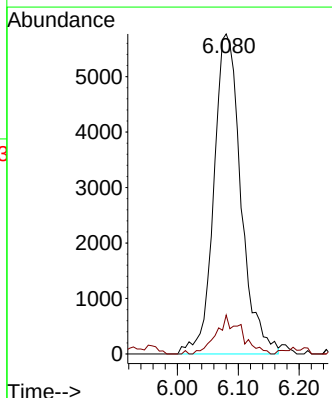
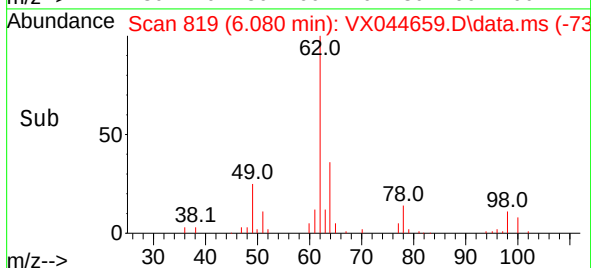
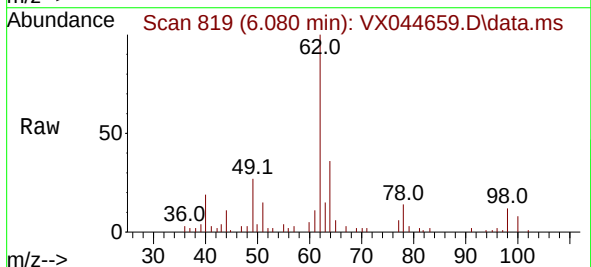


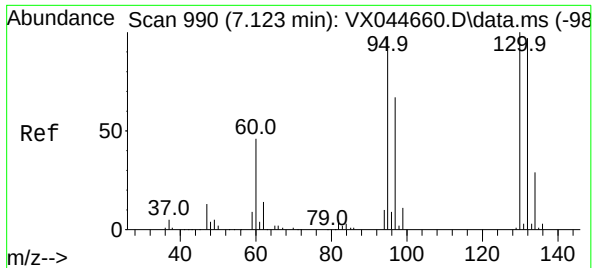
Tgt Ion:	41	Resp:	9621
Ion	Ratio	Lower	Upper
41	100		
39	51.1	27.1	81.3
67	69.9	35.8	107.4
52	34.3	14.4	43.2



#36
1,2-Dichloroethane
Concen: 5.125 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion:	62	Resp:	17847
Ion	Ratio	Lower	Upper
62	100		
98	6.2	7.4	11.2#





#37

Trichloroethene

Concen: 4.896 ug/l

RT: 7.116 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

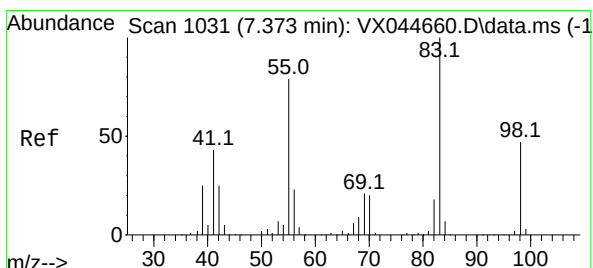
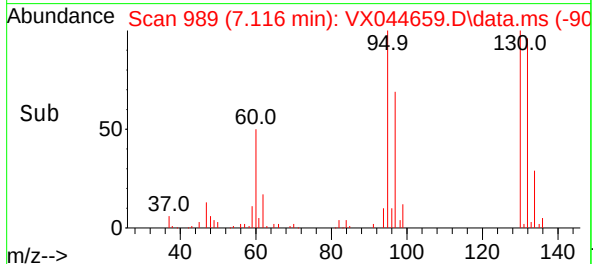
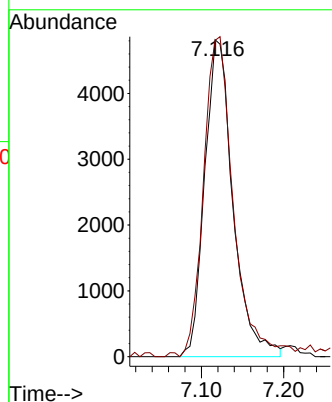
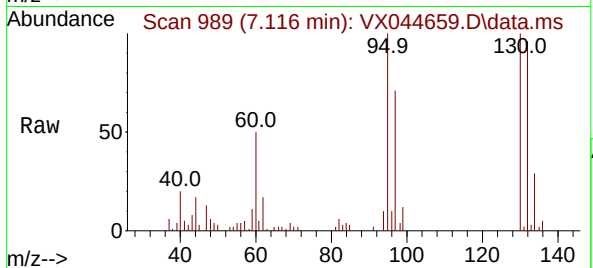
ClientSampleId :

Tgt Ion:130 Resp: 11515

Ion Ratio Lower Upper

130 100

95 99.8 78.2 117.4



#38

Methylcyclohexane

Concen: 5.138 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

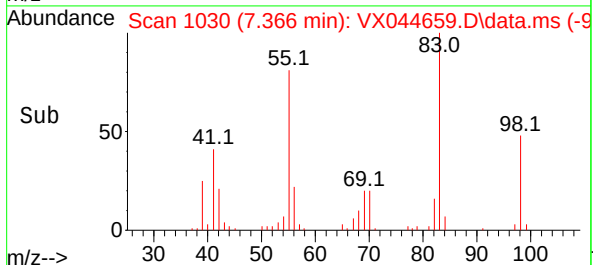
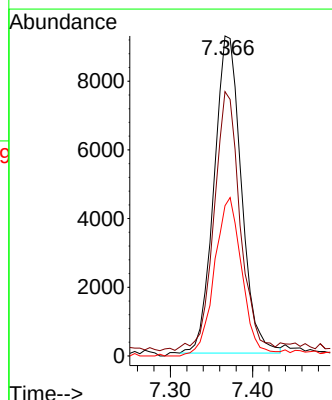
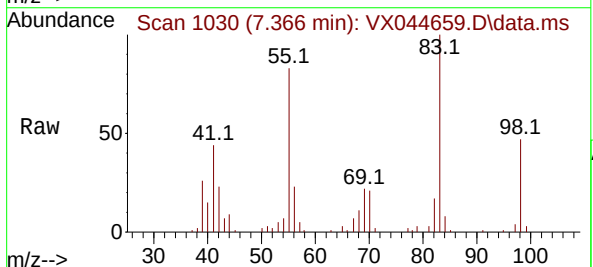
Tgt Ion: 83 Resp: 21311

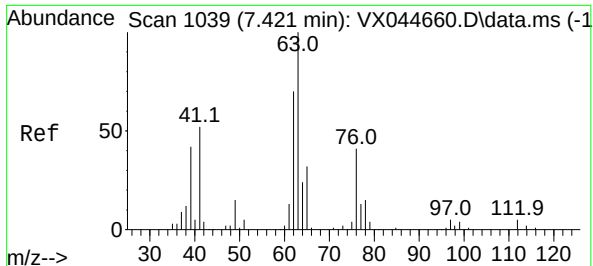
Ion Ratio Lower Upper

83 100

55 76.7 38.4 115.2

98 50.5 24.4 73.4





#39

1,2-Dichloropropane

Concen: 5.015 ug/l

RT: 7.421 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

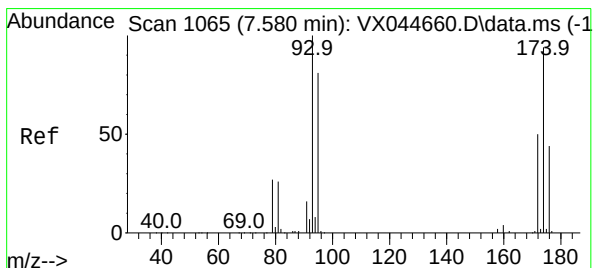
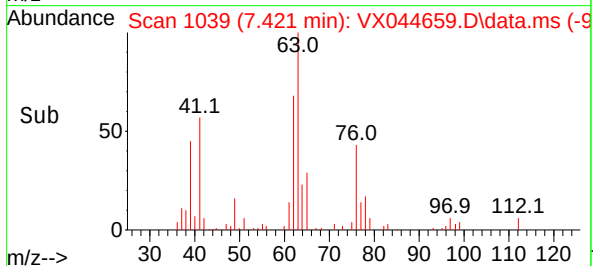
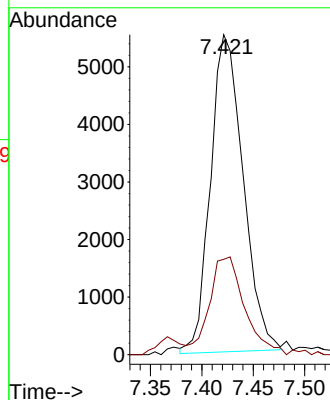
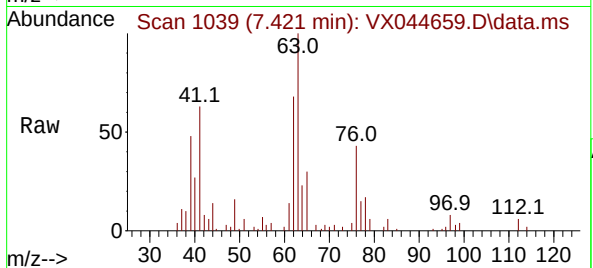
ClientSampleId :

Tgt Ion: 63 Resp: 12181

Ion Ratio Lower Upper

63 100

65 28.2 25.5 38.3



#40

Dibromomethane

Concen: 5.165 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

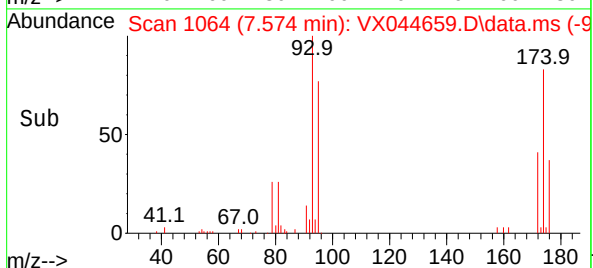
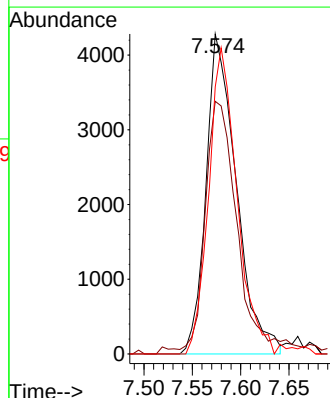
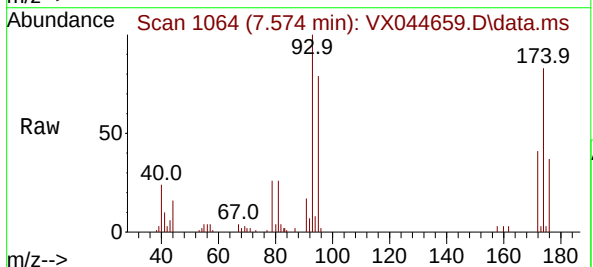
Tgt Ion: 93 Resp: 9326

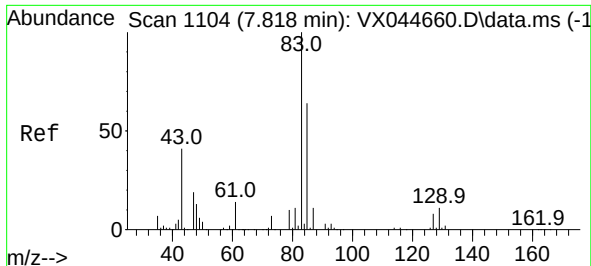
Ion Ratio Lower Upper

93 100

95 77.3 0.0 167.0

174 89.6 0.0 182.0

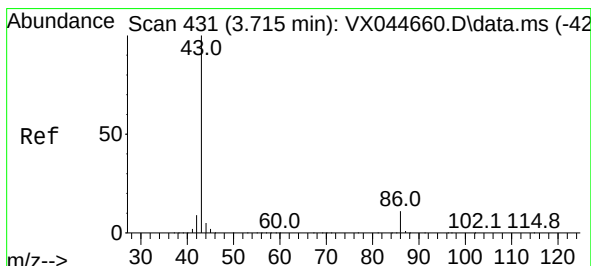
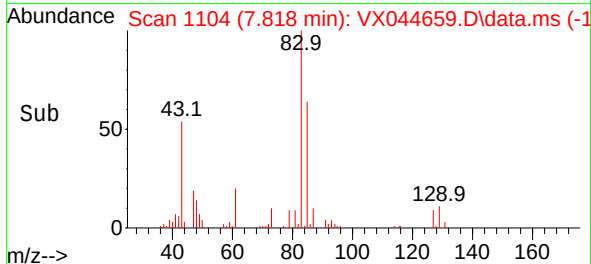
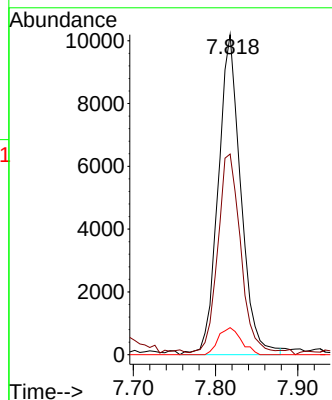
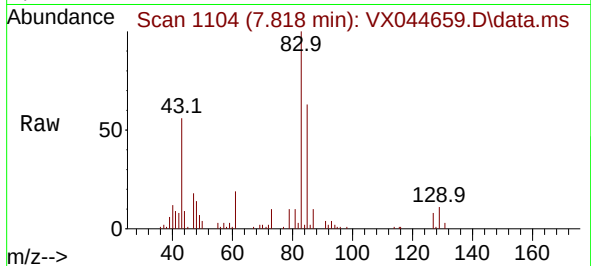




#41
Bromodichloromethane
Concen: 5.231 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

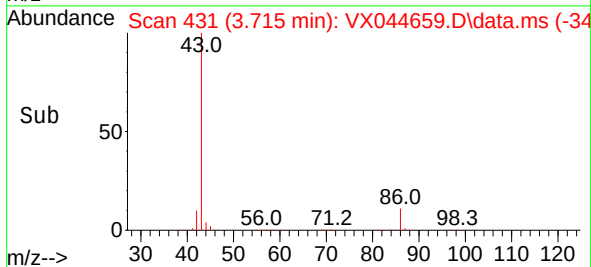
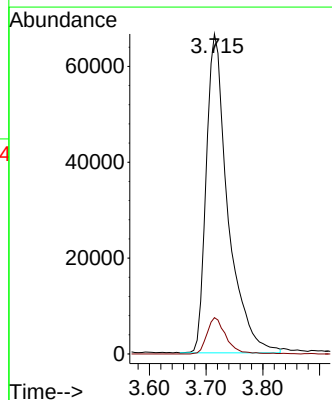
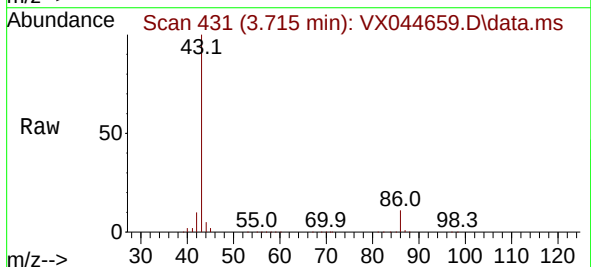
Instrument :
MSVOA_X
ClientSampleId :

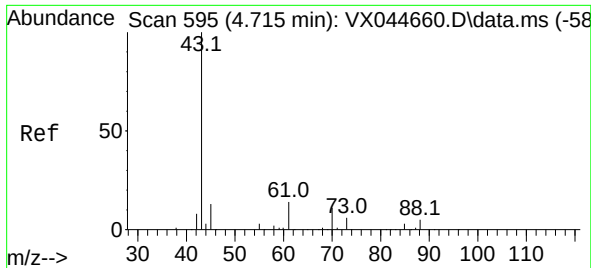
Tgt Ion: 83 Resp: 19506
Ion Ratio Lower Upper
83 100
85 61.3 50.9 76.3
127 8.5 6.5 9.7



#42
Vinyl Acetate
Concen: 26.526 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 43 Resp: 176672
Ion Ratio Lower Upper
43 100
86 9.7 8.0 12.0

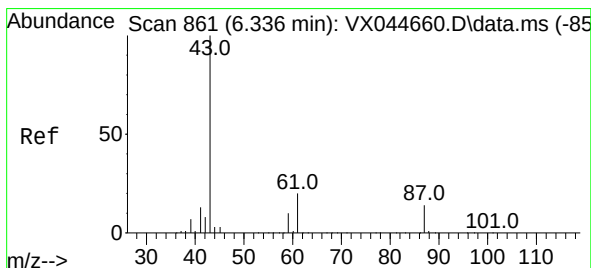
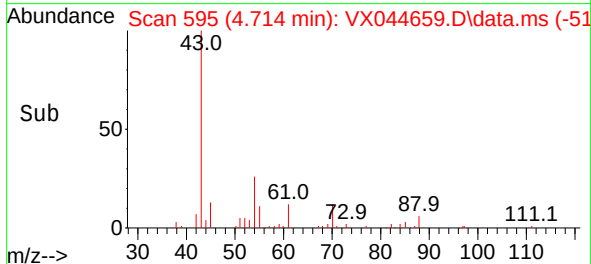
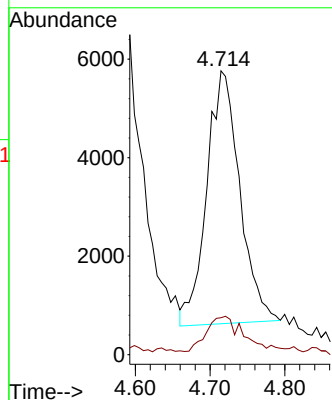
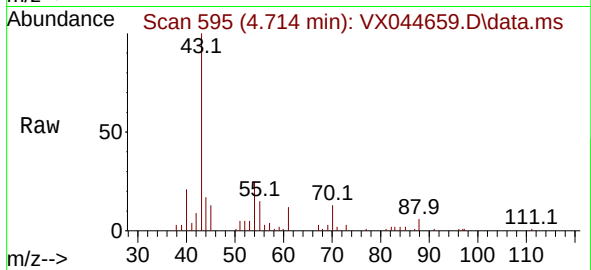




#43
Ethyl Acetate
Concen: 4.791 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

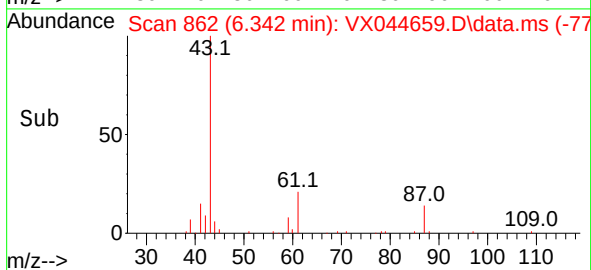
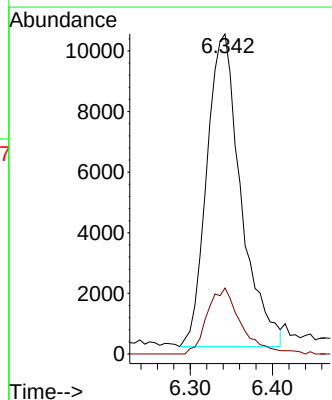
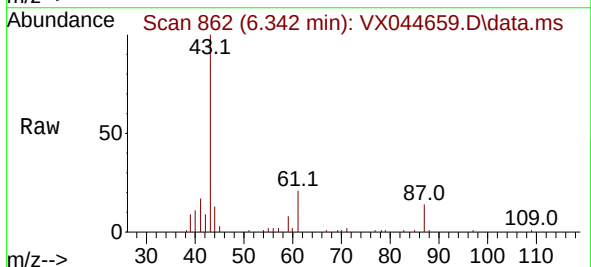
Instrument :
MSVOA_X
ClientSampleId :

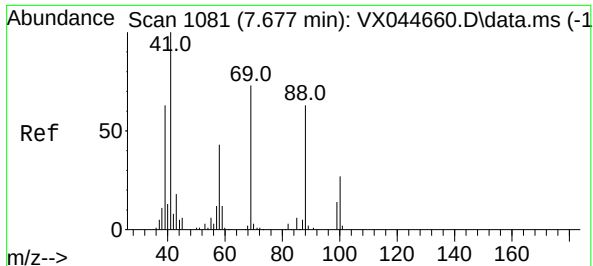
Tgt Ion: 43 Resp: 15761
Ion Ratio Lower Upper
43 100
45 10.8 0.1 0.1#



#44
Isopropyl Acetate
Concen: 5.030 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 43 Resp: 29728
Ion Ratio Lower Upper
43 100
61 20.7 16.2 24.4





#45

1,4-Dioxane

Concen: 109.953 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :

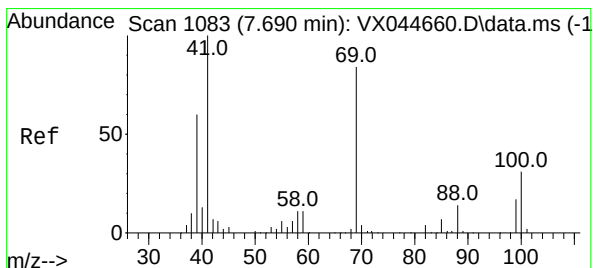
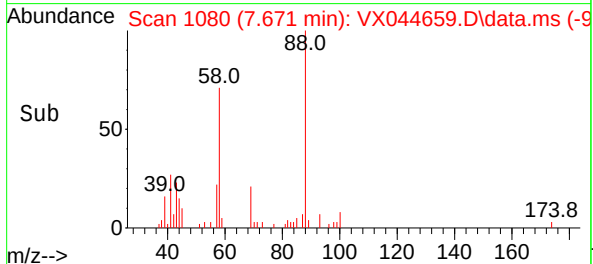
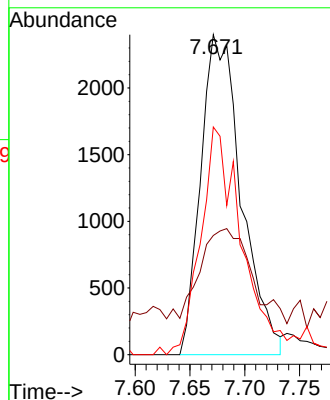
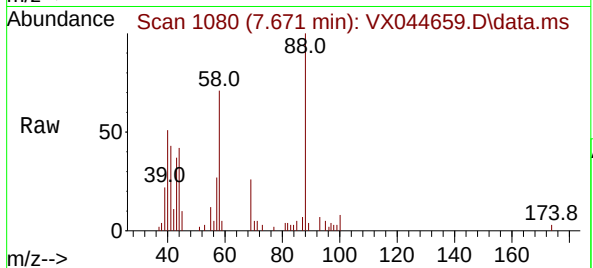
Tgt Ion: 88 Resp: 6188

Ion Ratio Lower Upper

88 100

43 32.0 25.9 38.9

58 71.0 58.9 88.3



#46

Methyl methacrylate

Concen: 5.119 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

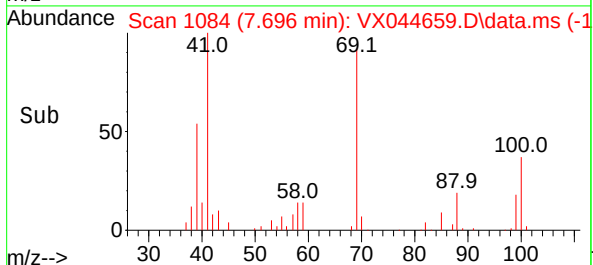
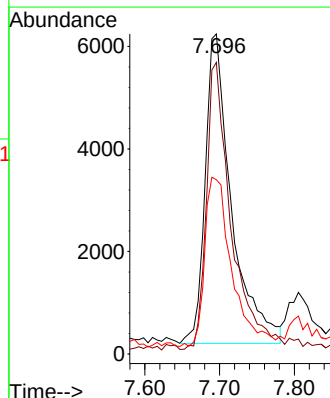
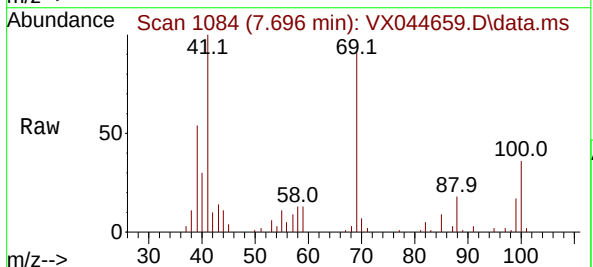
Tgt Ion: 41 Resp: 14808

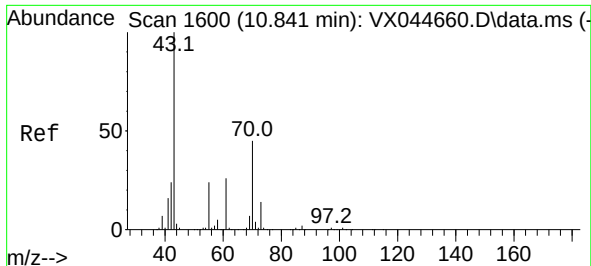
Ion Ratio Lower Upper

41 100

69 92.8 41.9 125.7

39 53.9 30.1 90.3





#47

n-amyl acetate

Concen: 5.207 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

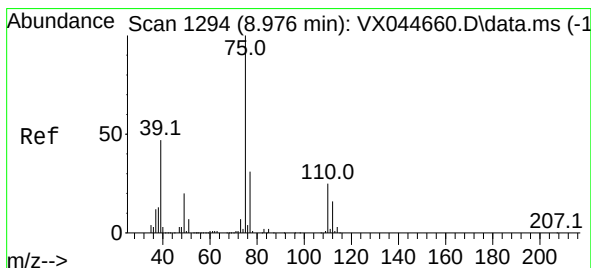
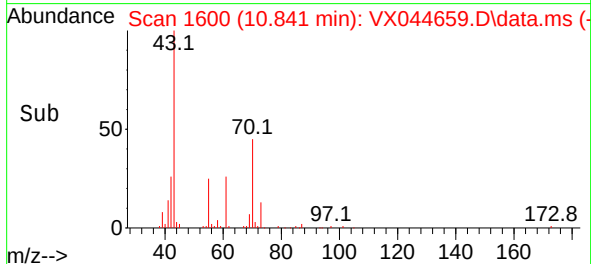
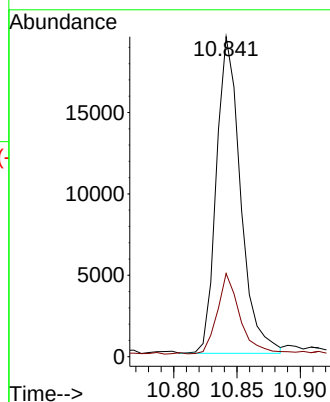
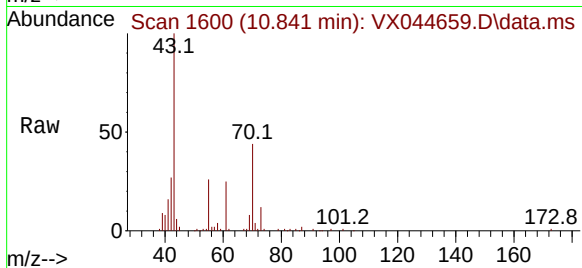
ClientSampleId :

Tgt Ion: 43 Resp: 25825

Ion Ratio Lower Upper

43 100

55 23.5 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 5.005 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044659.D

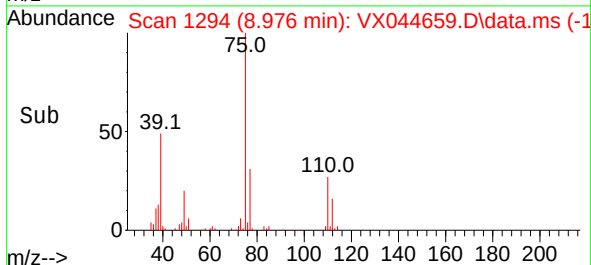
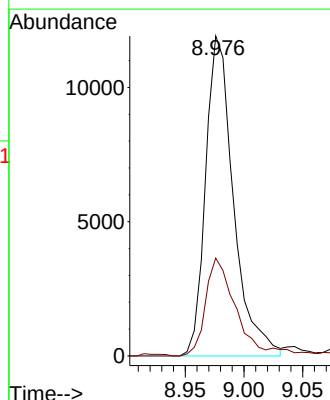
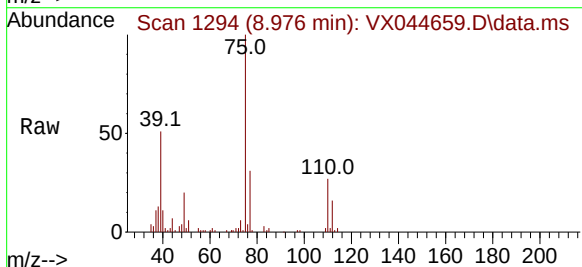
Acq: 16 Jan 2025 08:39

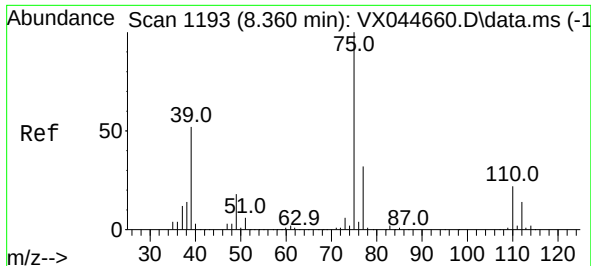
Tgt Ion: 75 Resp: 19698

Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2

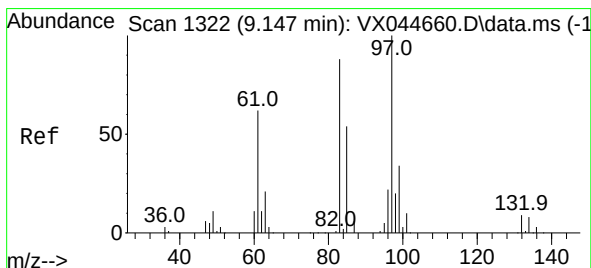
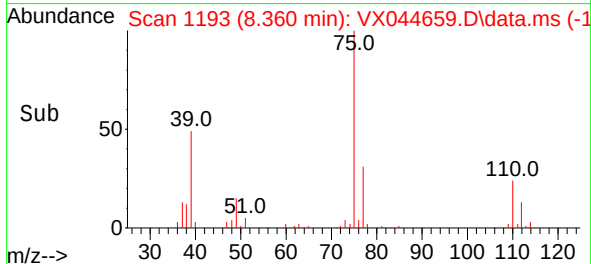
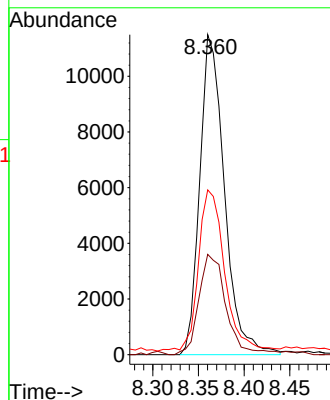
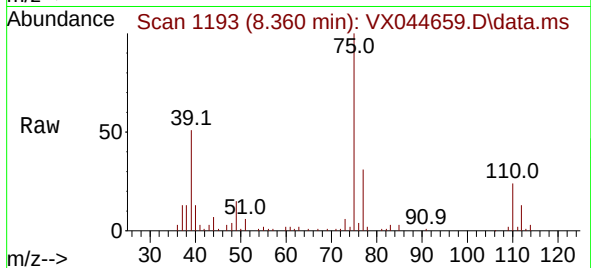




#49
 cis-1,3-Dichloropropene
 Concen: 5.112 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

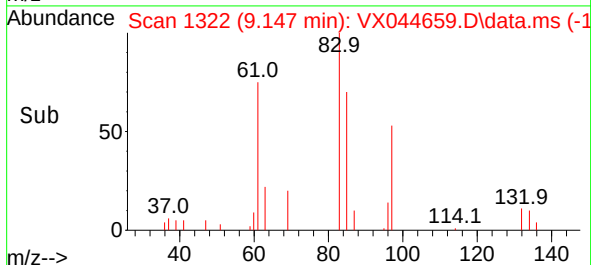
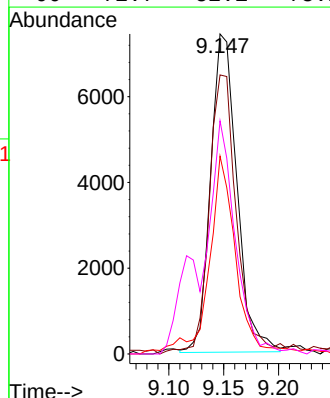
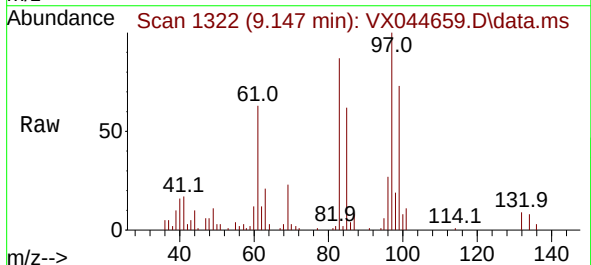
Instrument :
 MSVOA_X
 ClientSampleId :

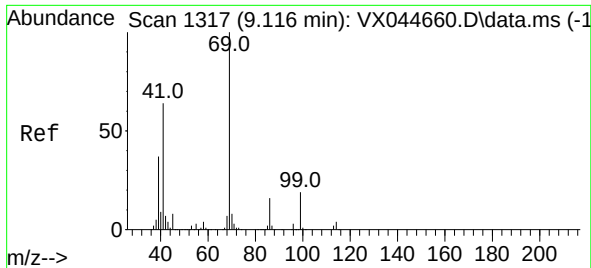
Tgt Ion: 75 Resp: 21573
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 50.0 41.4 62.0



#50
 1,1,2-Trichloroethane
 Concen: 5.334 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

Tgt Ion: 97 Resp: 12425
 Ion Ratio Lower Upper
 97 100
 83 86.9 69.2 103.8
 85 60.8 44.8 67.2
 99 72.7 52.1 78.1

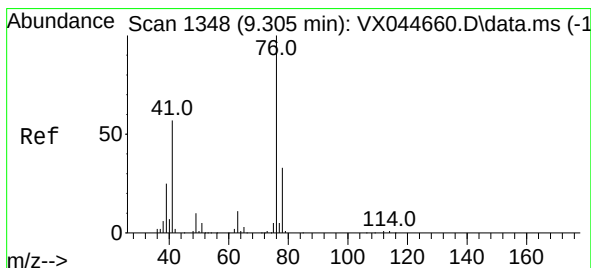
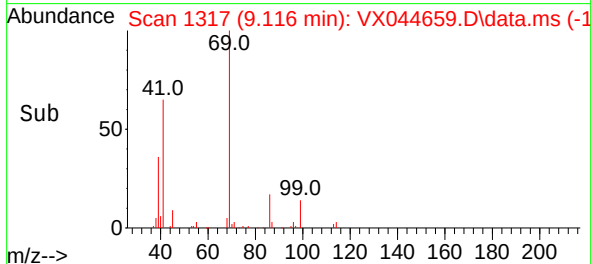
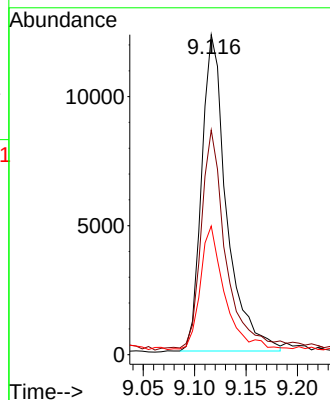
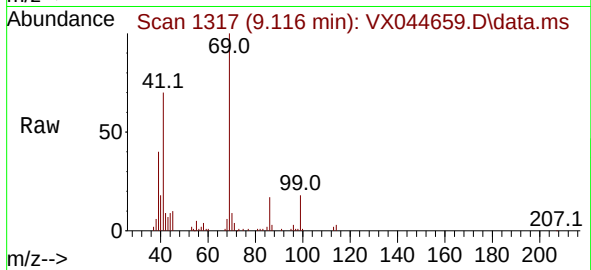




#51
Ethyl methacrylate
Concen: 5.148 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

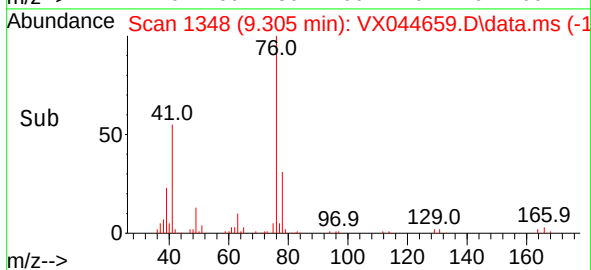
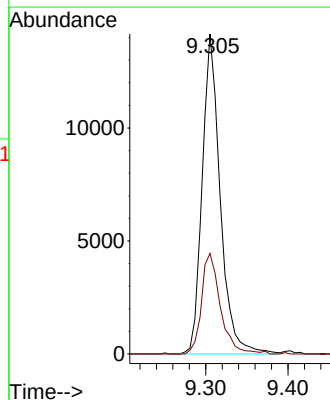
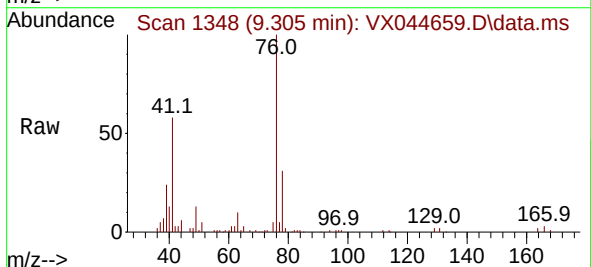
Instrument :
MSVOA_X
ClientSampleId :

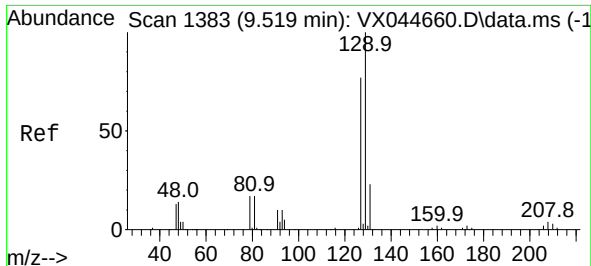
Tgt Ion: 69 Resp: 20798
Ion Ratio Lower Upper
69 100
41 68.9 32.0 96.0
39 38.8 18.6 55.6



#52
1,3-Dichloropropane
Concen: 5.362 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 76 Resp: 21568
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.0





#53

Dibromochloromethane

Concen: 5.338 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

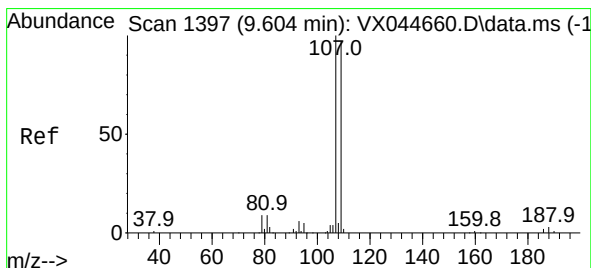
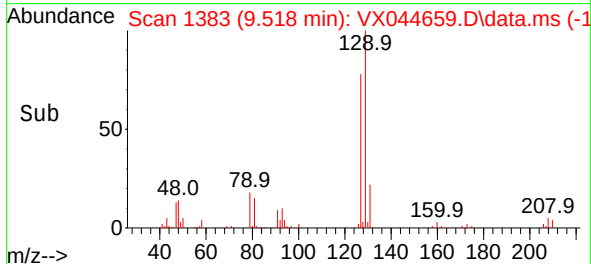
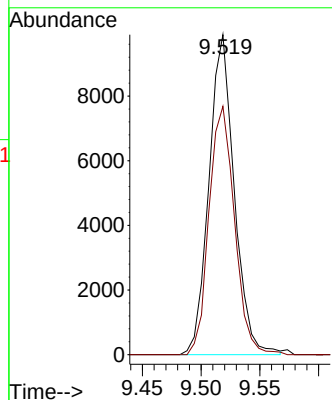
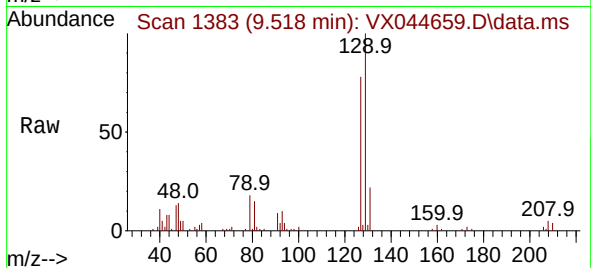
ClientSampleId :

Tgt Ion:129 Resp: 14835

Ion Ratio Lower Upper

129 100

127 78.2 37.8 113.4



#54

1,2-Dibromoethane

Concen: 5.346 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX044659.D

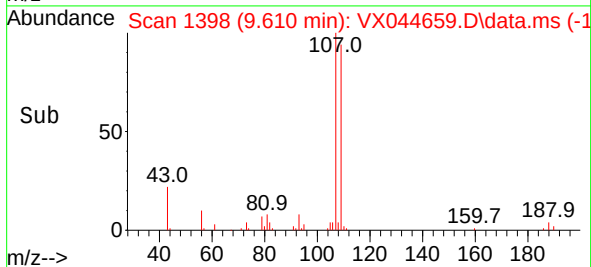
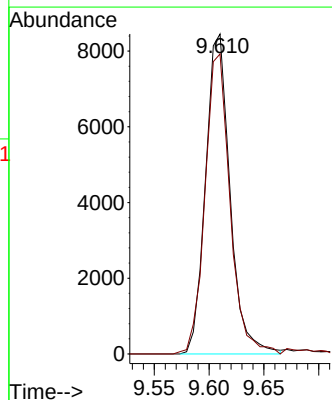
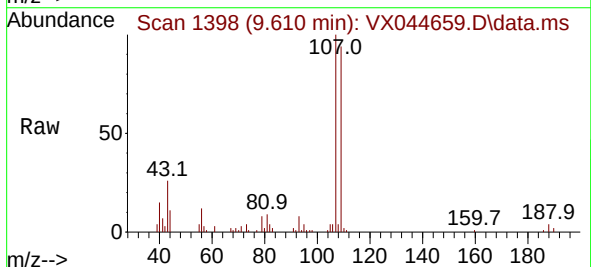
Acq: 16 Jan 2025 08:39

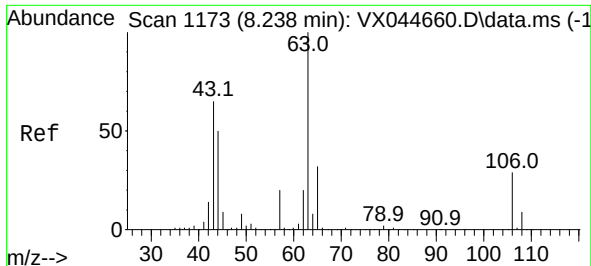
Tgt Ion:107 Resp: 13144

Ion Ratio Lower Upper

107 100

109 94.5 75.5 113.3

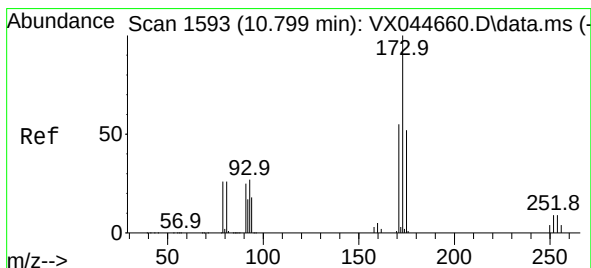
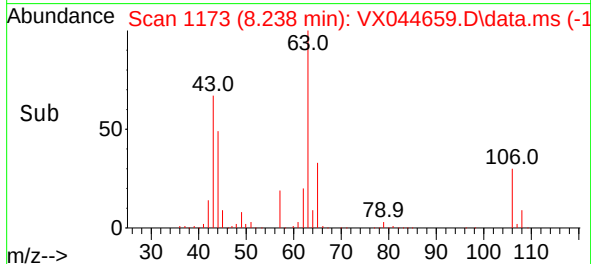
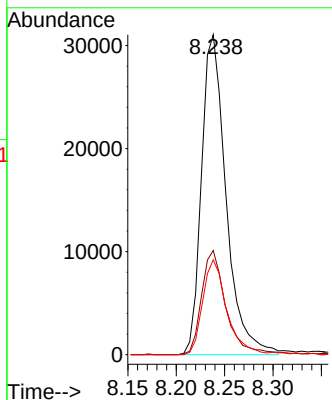
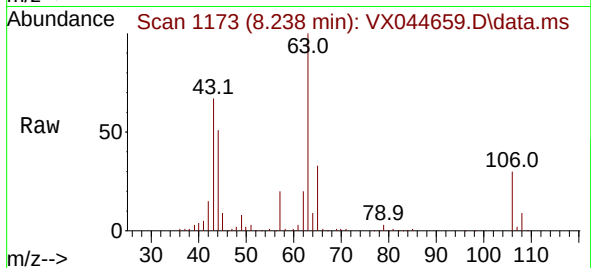




#55
2-Chloroethyl vinyl ether
Concen: 28.109 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

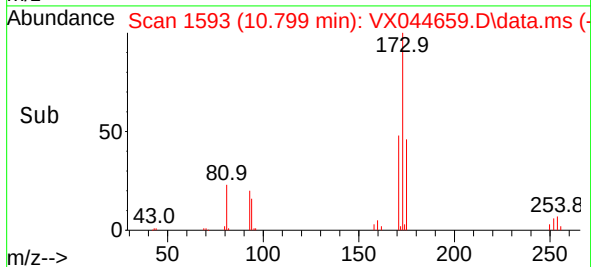
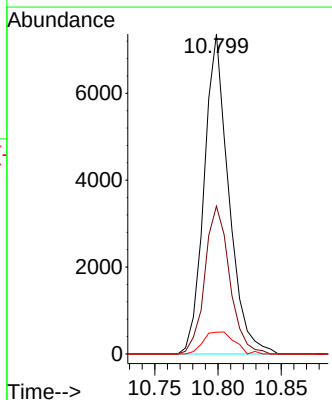
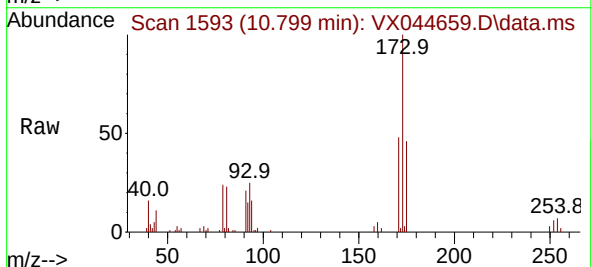
Instrument :
MSVOA_X
ClientSampleId :

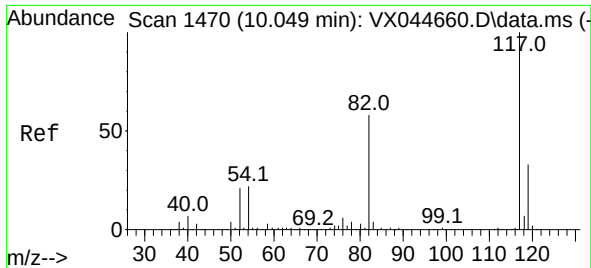
Tgt Ion: 63 Resp: 55031
Ion Ratio Lower Upper
63 100
65 32.4 25.8 38.6
106 28.9 23.1 34.7



#56
Bromoform
Concen: 5.399 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 173 Resp: 9949
Ion Ratio Lower Upper
173 100
175 46.6 39.0 58.6
254 8.5 6.5 9.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :

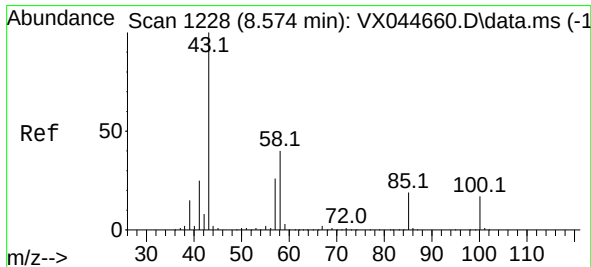
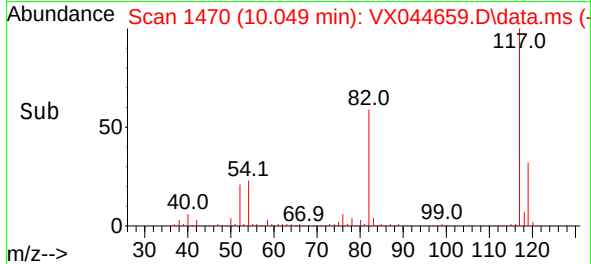
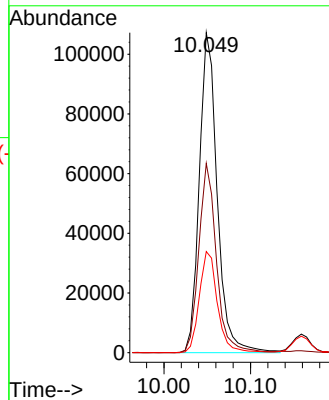
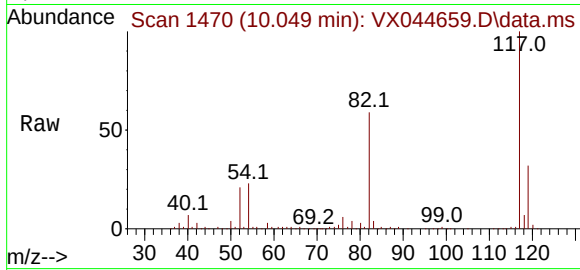
Tgt Ion:117 Resp: 154224

Ion Ratio Lower Upper

117 100

82 58.1 45.8 68.6

119 31.9 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 27.090 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

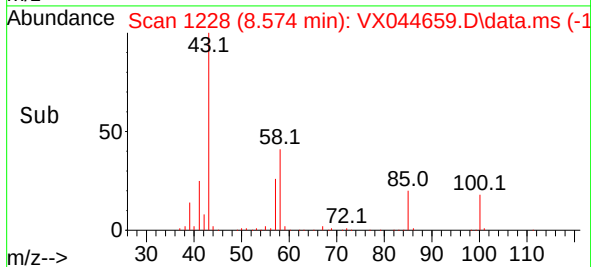
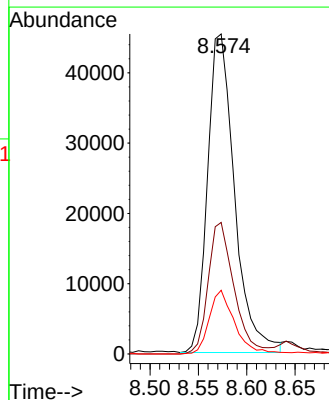
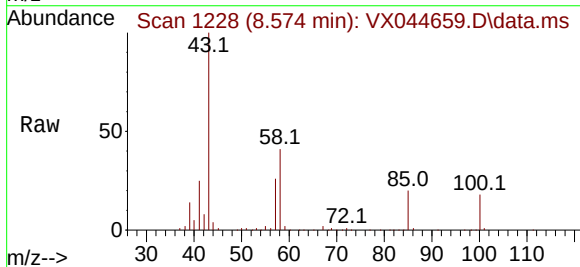
Tgt Ion: 43 Resp: 88064

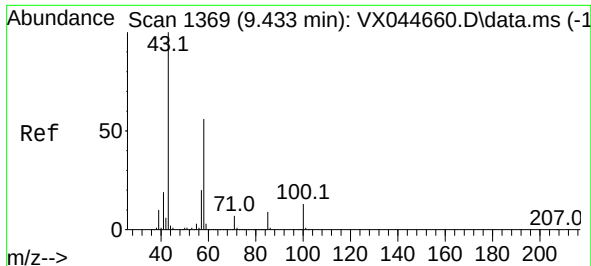
Ion Ratio Lower Upper

43 100

58 39.5 31.7 47.5

85 18.9 15.0 22.6





#59

2-Hexanone

Concen: 27.167 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX044659.D

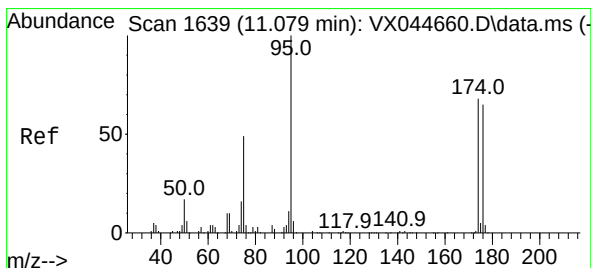
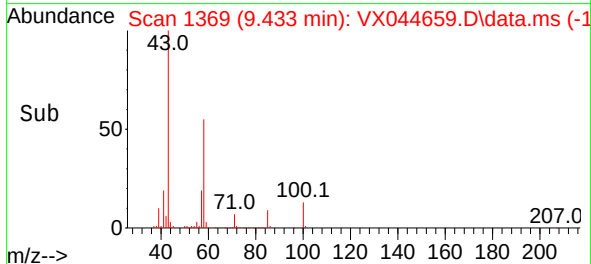
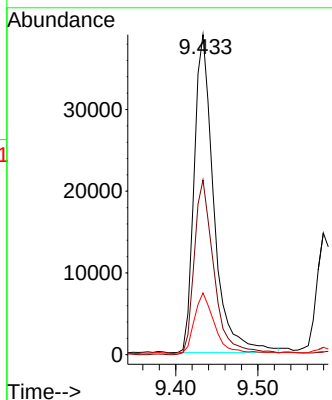
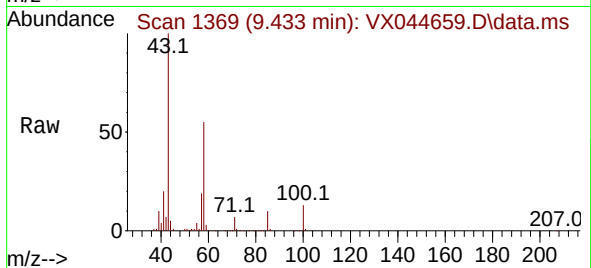
Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	43	Resp:	64656
Ion Ratio	Lower	Upper	
43	100		
58	55.0	44.4	66.6
57	19.1	15.5	23.3



#60

4-Bromofluorobenzene

Concen: 29.790 ug/l

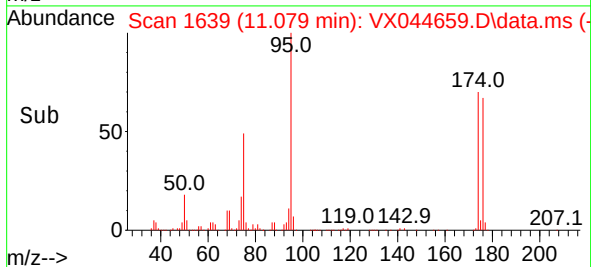
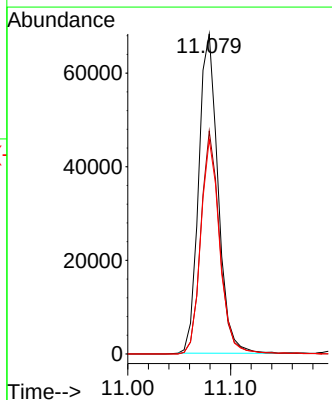
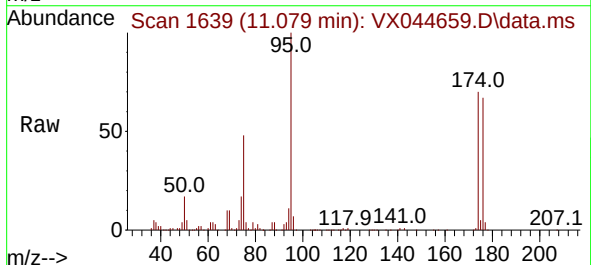
RT: 11.079 min Scan# 1639

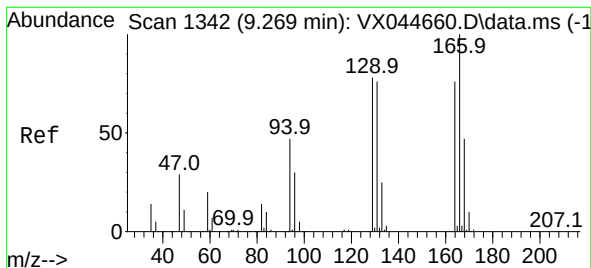
Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Tgt Ion:	95	Resp:	89238
Ion Ratio	Lower	Upper	
95	100		
174	67.7	54.6	81.8
176	66.0	52.8	79.2





#61

Tetrachloroethene

Concen: 5.075 ug/l

RT: 9.269 min Scan# 1

Delta R.T. -0.000 min

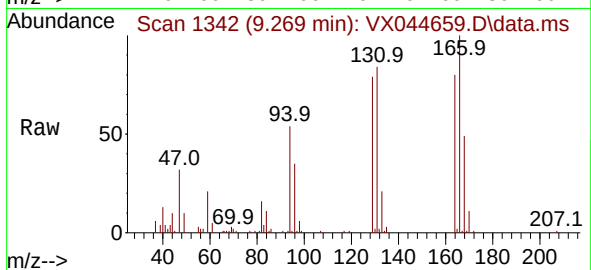
Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 9388

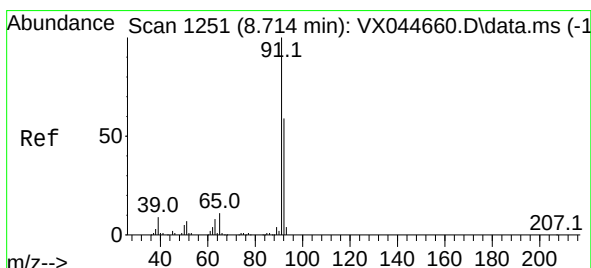
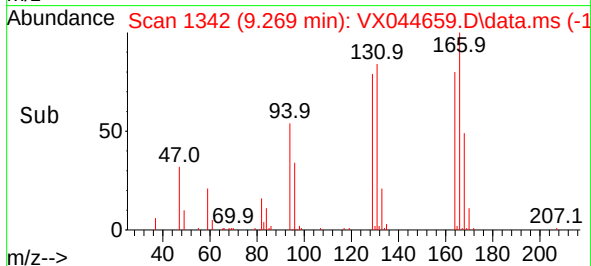
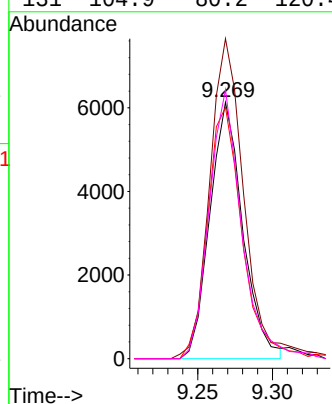
Ion Ratio Lower Upper

164 100

166 123.0 105.6 158.4

129 98.0 82.8 124.2

131 104.9 80.2 120.4



#62

Toluene

Concen: 5.307 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044659.D

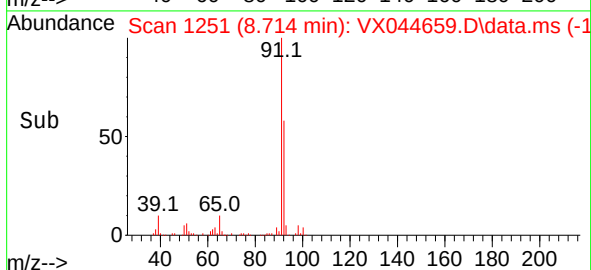
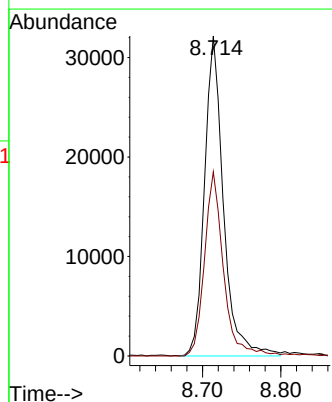
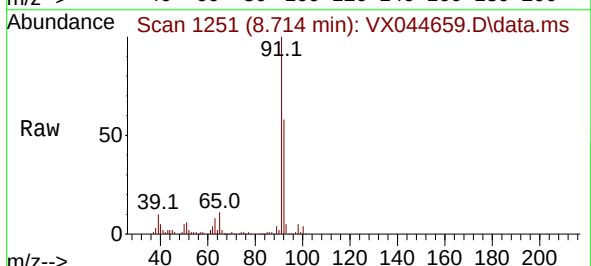
Acq: 16 Jan 2025 08:39

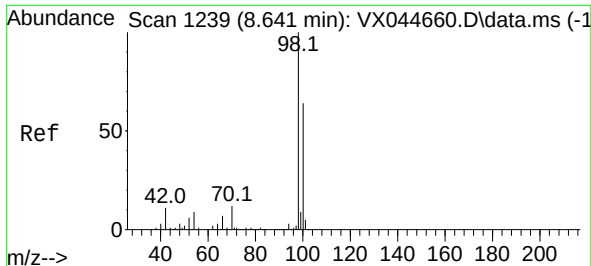
Tgt Ion: 91 Resp: 53894

Ion Ratio Lower Upper

91 100

92 57.2 47.3 70.9

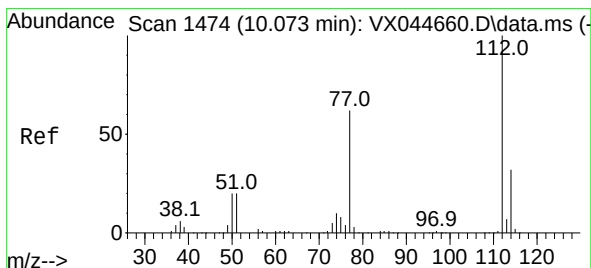
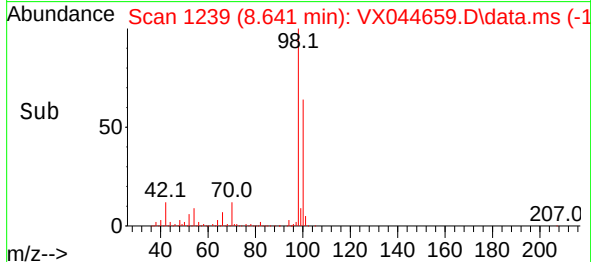
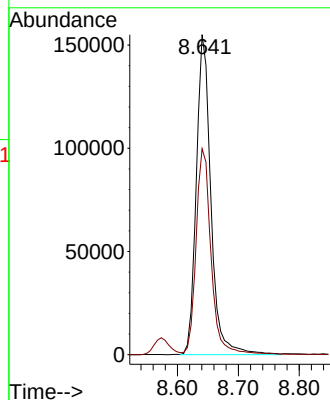
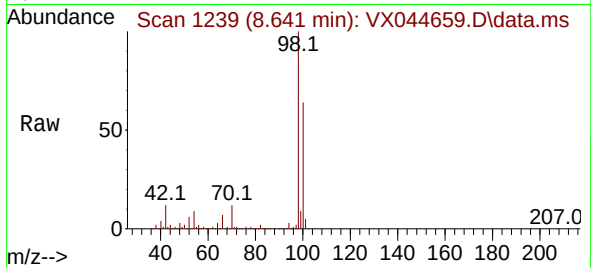




#63
Toluene-d8
Concen: 30.772 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

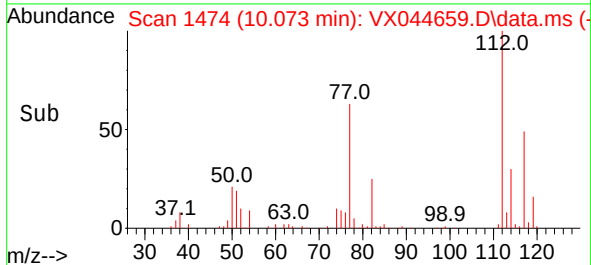
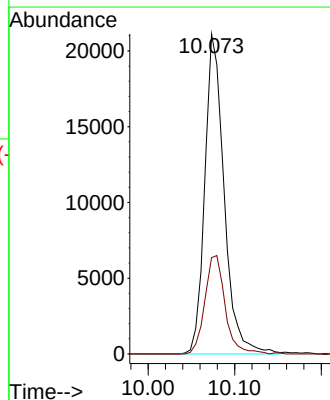
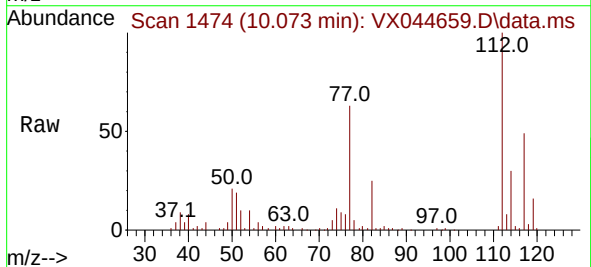
Instrument :
MSVOA_X
ClientSampleId :

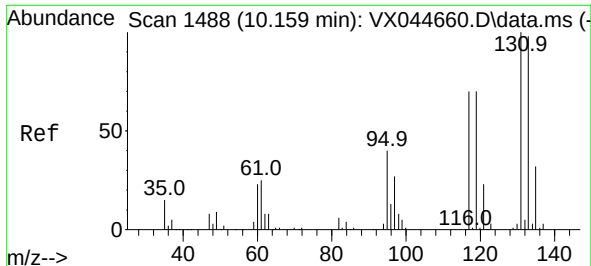
Tgt Ion: 98 Resp: 258118
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#64
Chlorobenzene
Concen: 5.197 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 112 Resp: 32777
Ion Ratio Lower Upper
112 100
114 30.1 25.5 38.3

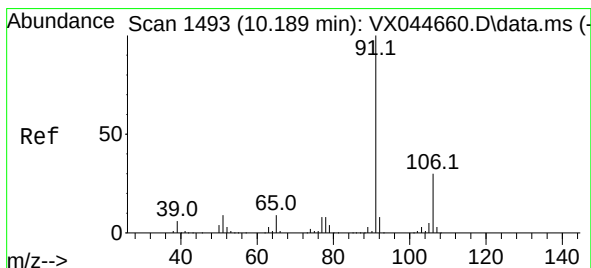
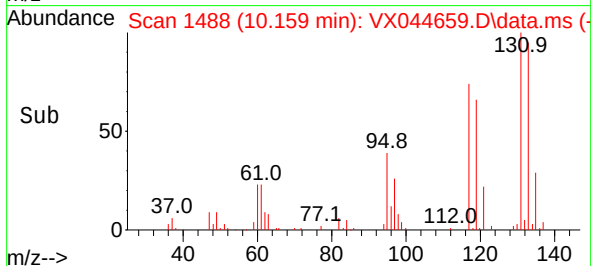
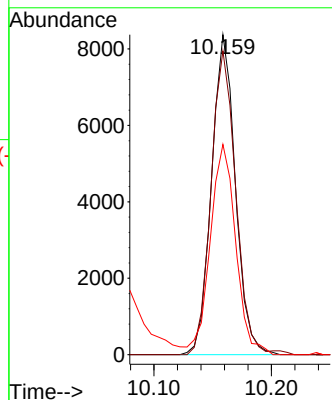
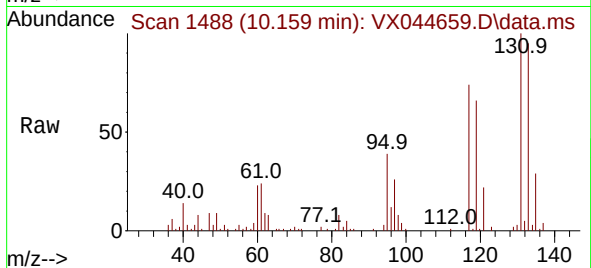




#65
 1,1,1,2-Tetrachloroethane
 Concen: 5.215 ug/l
 RT: 10.159 min Scan# 1488
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

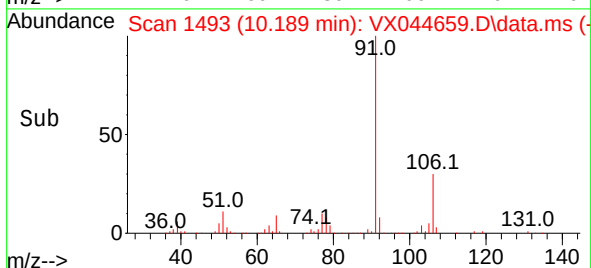
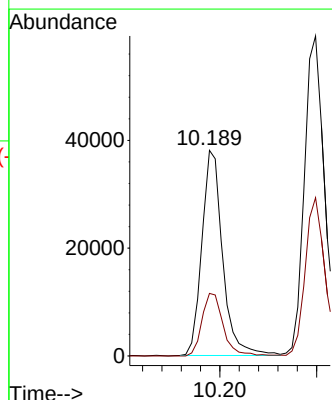
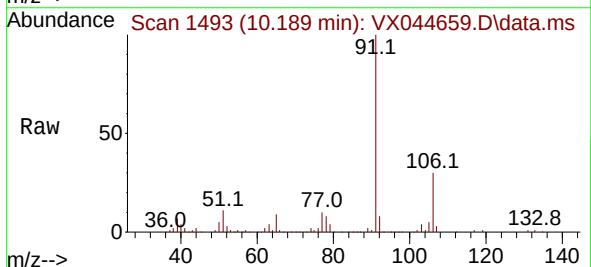
Instrument :
 MSVOA_X
 ClientSampleId :

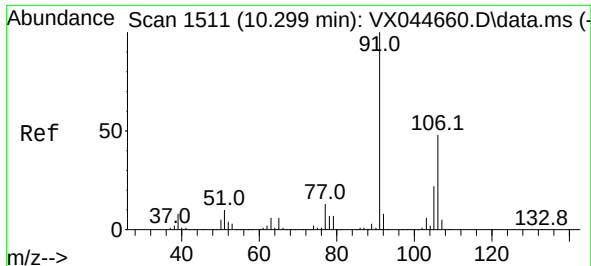
Tgt Ion:131 Resp: 11815
 Ion Ratio Lower Upper
 131 100
 133 97.8 0.0 192.4
 119 70.0 0.0 133.4



#66
 Ethyl Benzene
 Concen: 5.133 ug/l
 RT: 10.189 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

Tgt Ion: 91 Resp: 56887
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.0 36.0

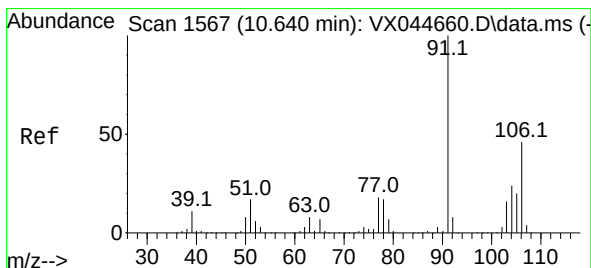
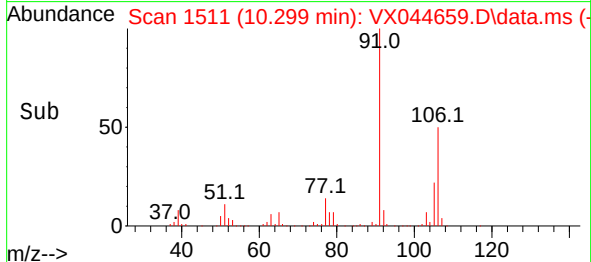
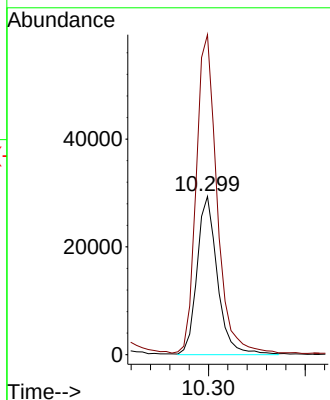
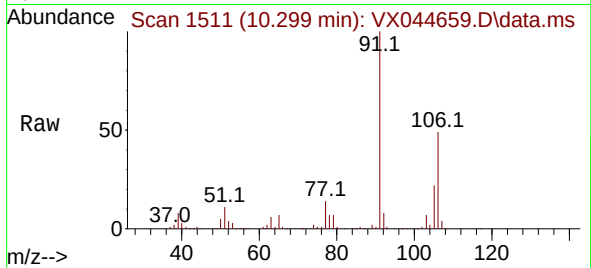




#67
m/p-Xylenes
Concen: 10.581 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

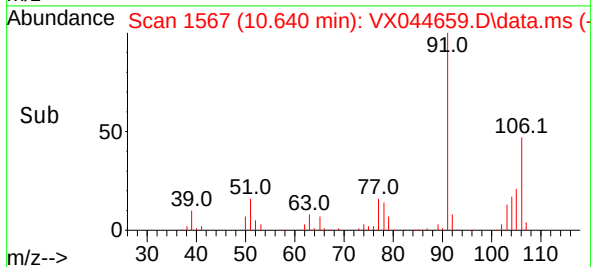
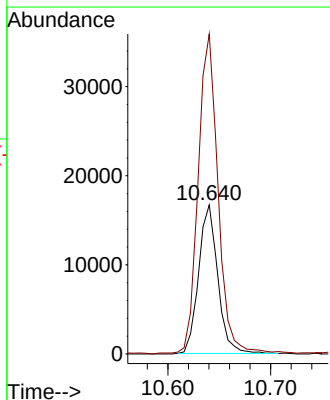
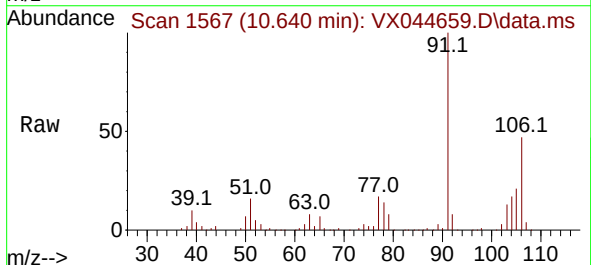
Instrument :
MSVOA_X
ClientSampleId :

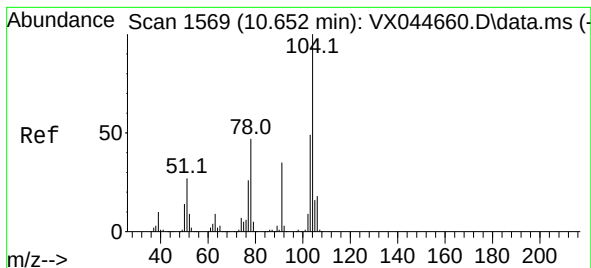
Tgt Ion:106 Resp: 43104
Ion Ratio Lower Upper
106 100
91 207.4 166.8 250.2



#68
o-Xylene
Concen: 5.286 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion:106 Resp: 21611
Ion Ratio Lower Upper
106 100
91 221.3 109.7 329.1





#69

Styrene

Concen: 5.217 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :

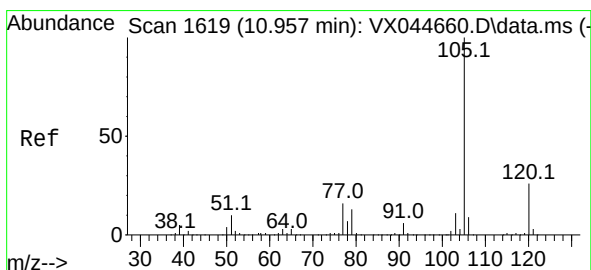
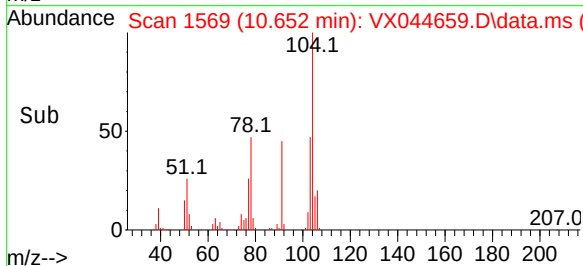
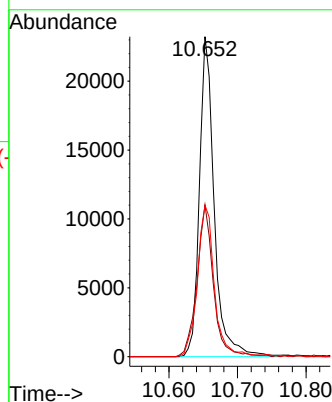
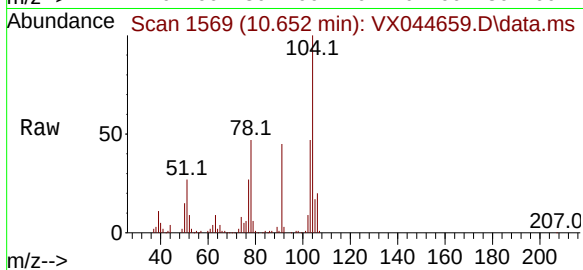
Tgt Ion:104 Resp: 35022

Ion Ratio Lower Upper

104 100

78 52.2 42.0 63.0

103 53.3 43.1 64.7



#70

Isopropylbenzene

Concen: 5.349 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044659.D

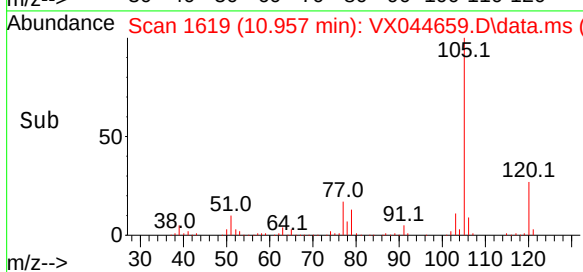
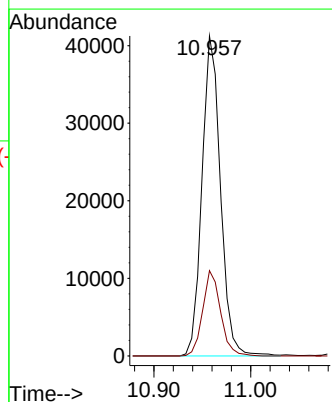
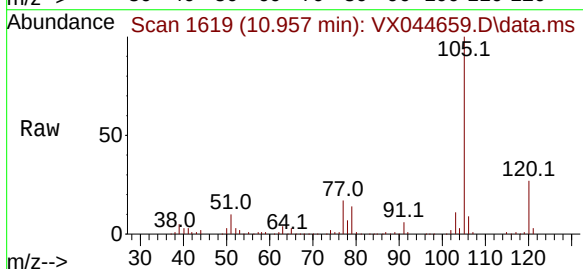
Acq: 16 Jan 2025 08:39

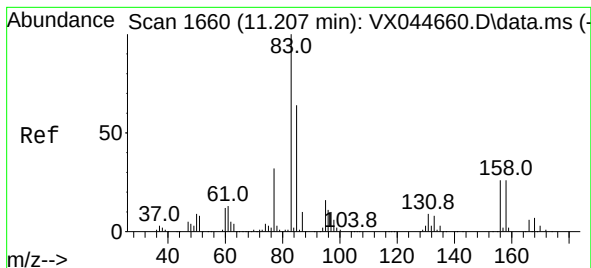
Tgt Ion:105 Resp: 54978

Ion Ratio Lower Upper

105 100

120 25.8 18.6 34.6

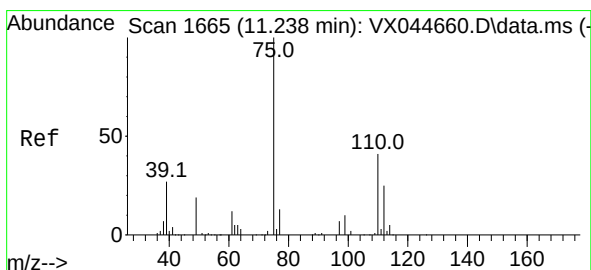
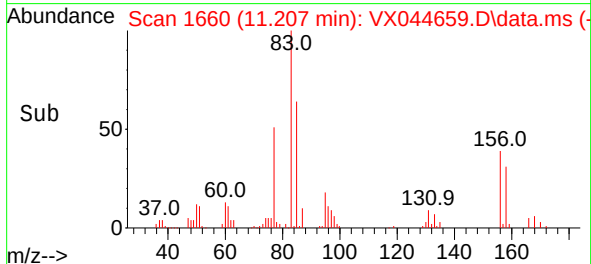
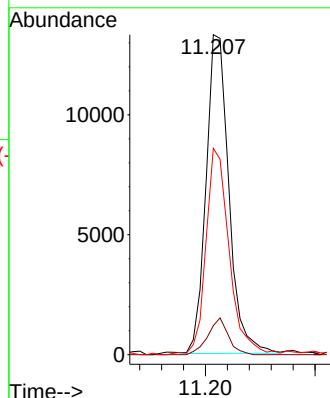
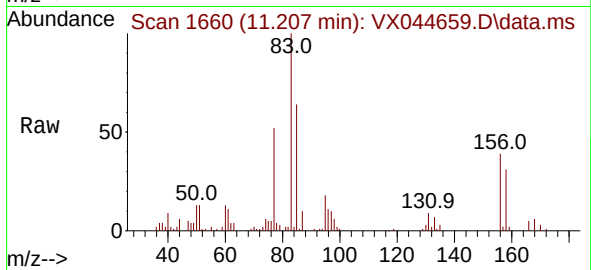




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.562 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

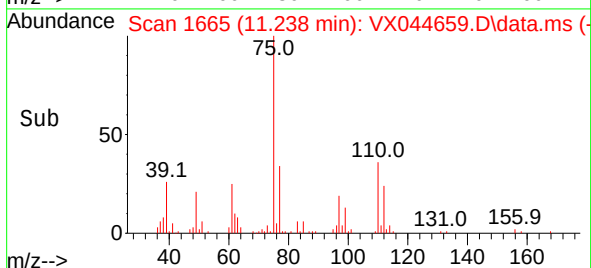
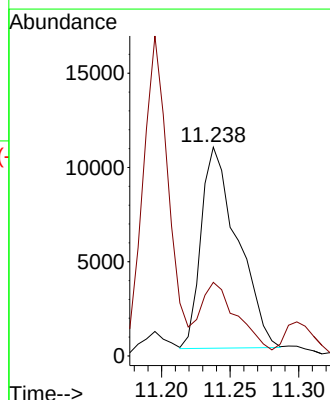
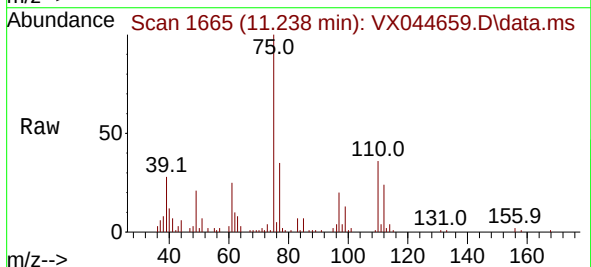
Instrument :
 MSVOA_X
 ClientSampleId :

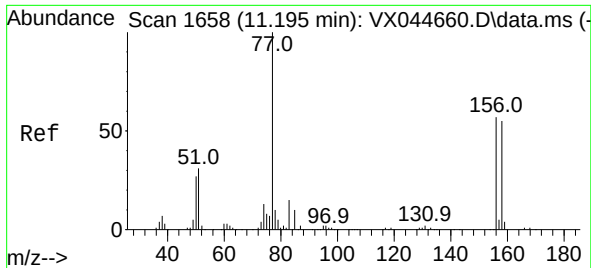
Tgt Ion: 83 Resp: 19252
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 14.9
 85 65.5 33.0 99.0



#72
 1,2,3-Trichloropropane
 Concen: 6.818 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

Tgt Ion: 75 Resp: 19820
 Ion Ratio Lower Upper
 75 100
 77 32.4 0.0 83.0

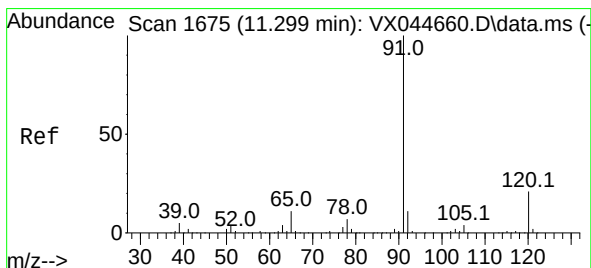
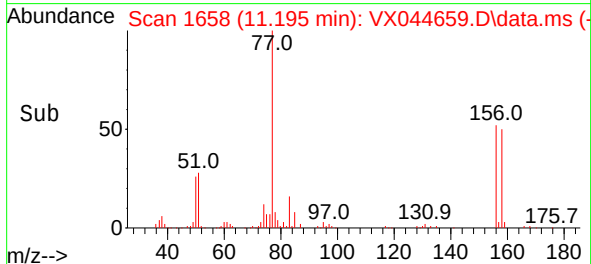
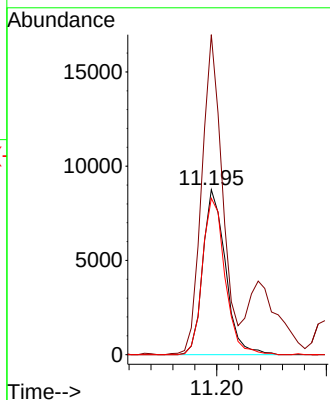
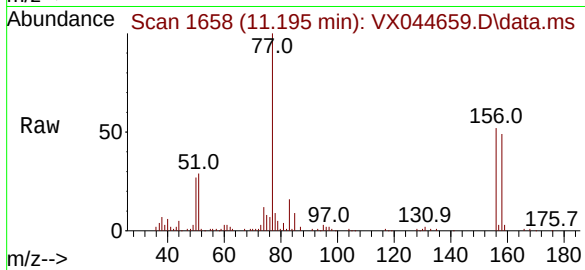




#73
Bromobenzene
Concen: 5.237 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

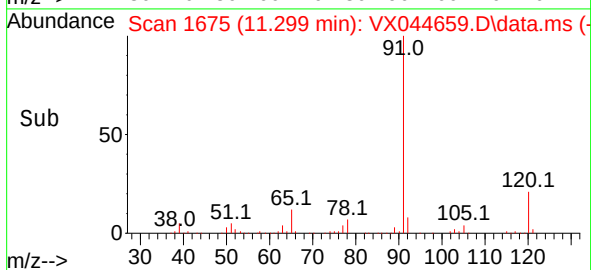
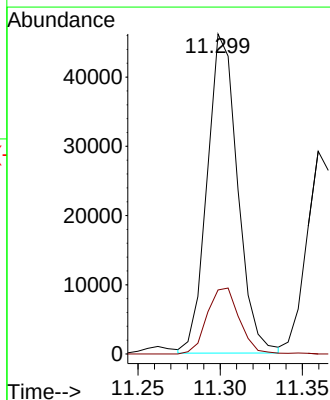
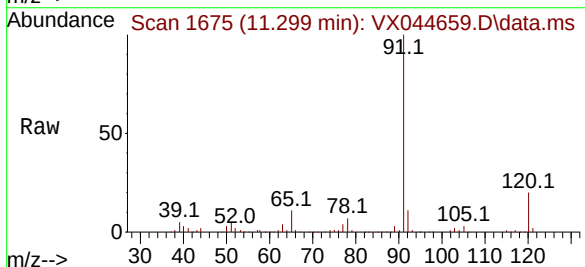
Instrument :
MSVOA_X
ClientSampleId :

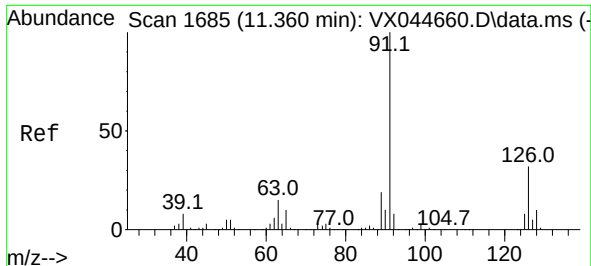
Tgt Ion:156 Resp: 12540
Ion Ratio Lower Upper
156 100
77 175.5 0.0 354.6
158 94.3 0.0 193.6



#74
n-propylbenzene
Concen: 5.082 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 91 Resp: 59373
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0

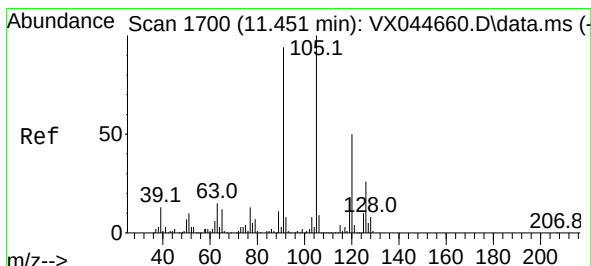
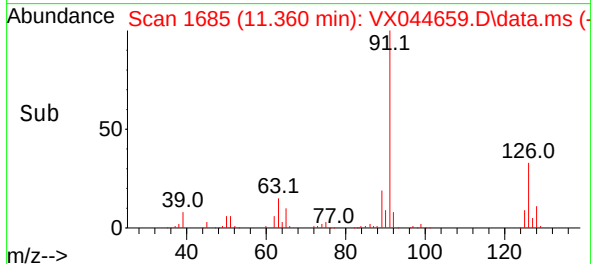
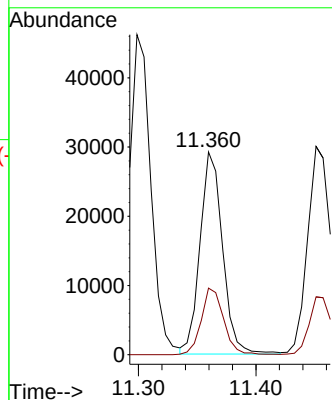
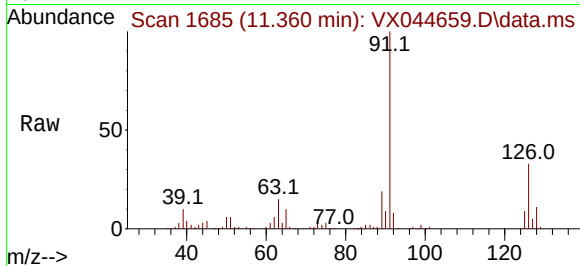




#75
2-Chlorotoluene
Concen: 5.300 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

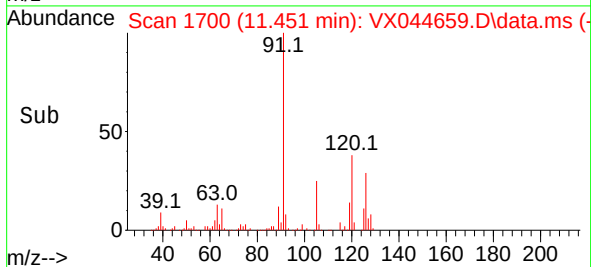
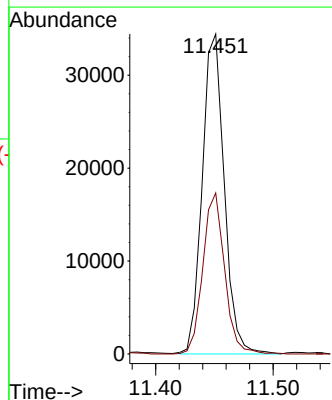
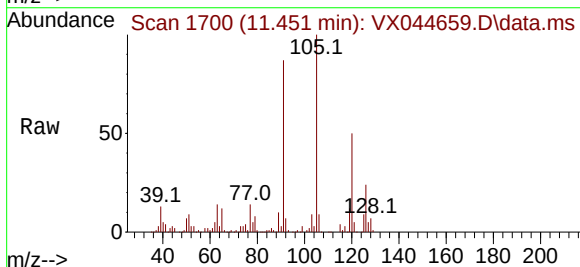
Instrument :
MSVOA_X
ClientSampleId :

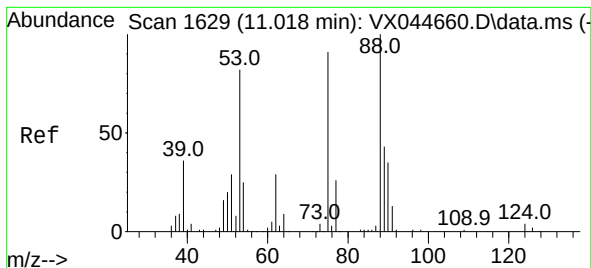
Tgt Ion: 91 Resp: 38923
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 5.369 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 105 Resp: 44812
Ion Ratio Lower Upper
105 100
120 49.6 0.0 96.8

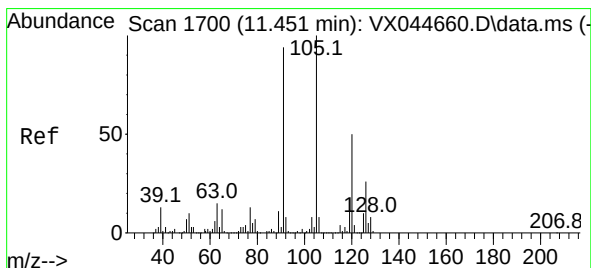
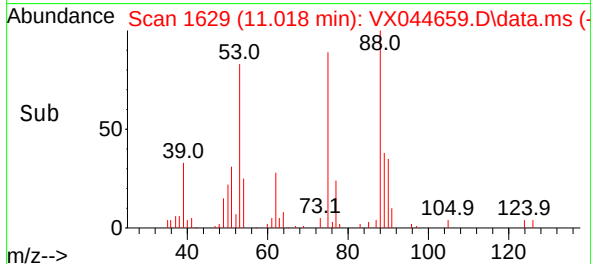
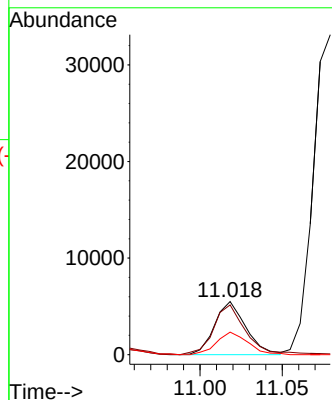
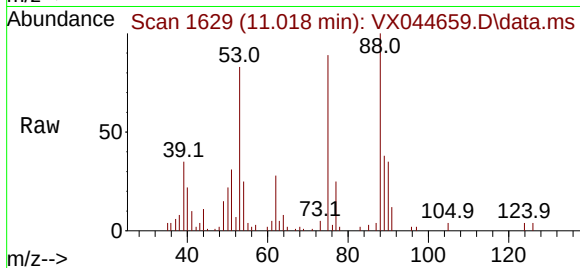




#77
t-1,4-Dichloro-2-butene
Concen: 5.290 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

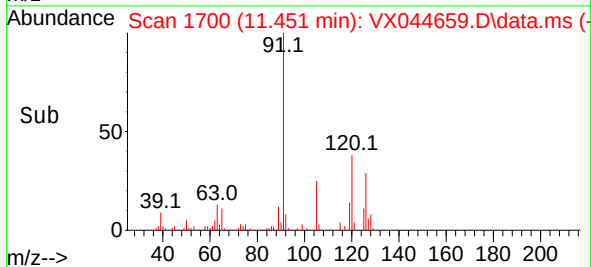
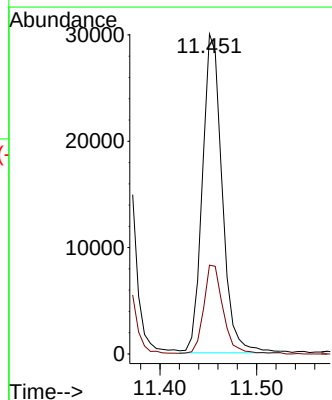
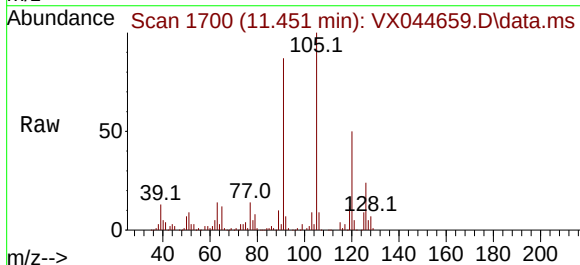
Instrument :
MSVOA_X
ClientSampleId :

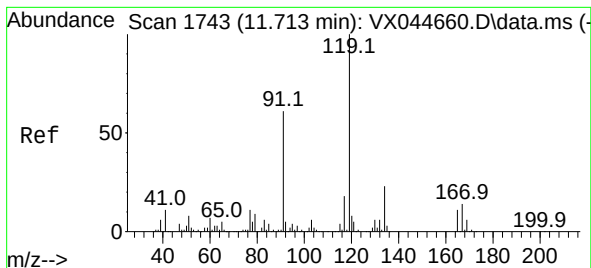
Tgt Ion: 75 Resp: 7275
Ion Ratio Lower Upper
75 100
53 93.8 45.3 135.9
89 42.5 23.8 71.2



#78
4-Chlorotoluene
Concen: 5.261 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion: 91 Resp: 42547
Ion Ratio Lower Upper
91 100
126 27.5 0.0 55.4





#79

tert-butylbenzene

Concen: 5.441 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :

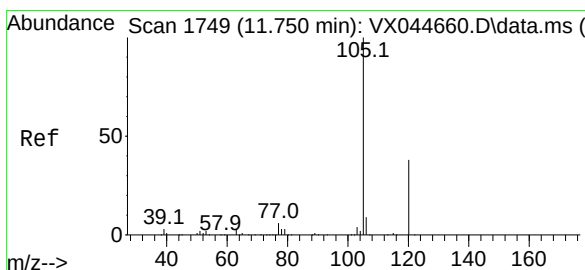
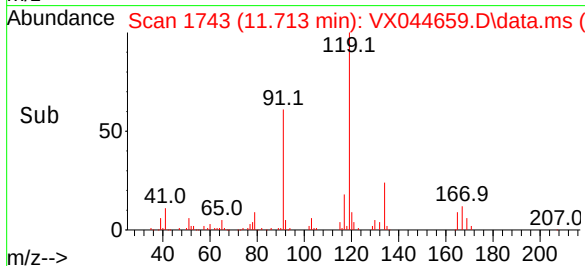
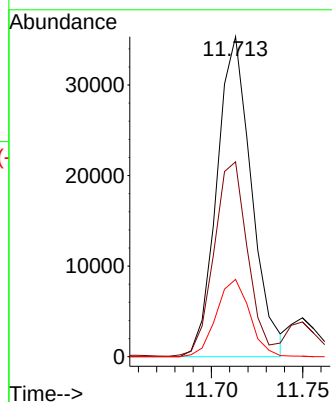
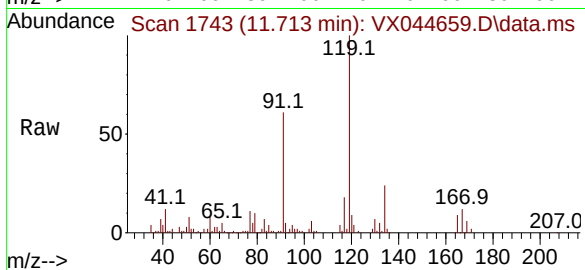
Tgt Ion:119 Resp: 46656

Ion Ratio Lower Upper

119 100

91 58.5 0.0 119.0

134 23.2 0.0 44.8



#80

1,2,4-Trimethylbenzene

Concen: 5.334 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044659.D

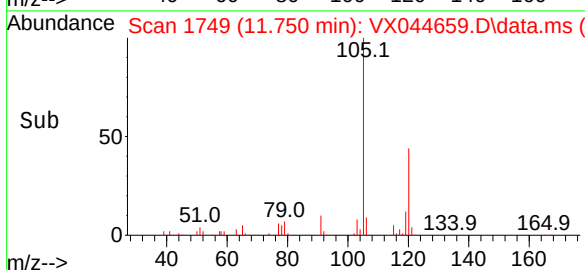
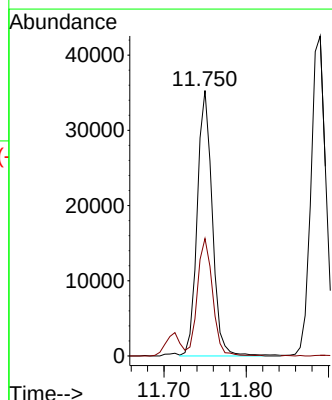
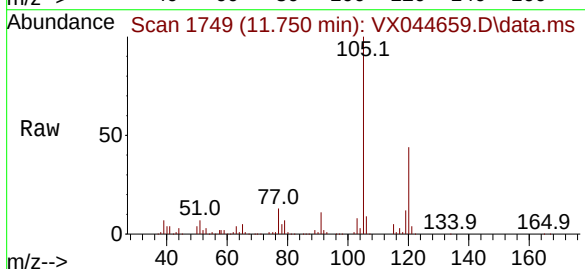
Acq: 16 Jan 2025 08:39

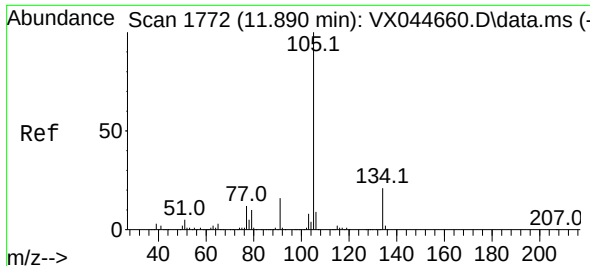
Tgt Ion:105 Resp: 44923

Ion Ratio Lower Upper

105 100

120 44.7 0.0 88.4

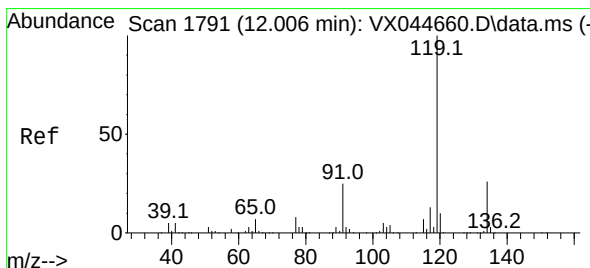
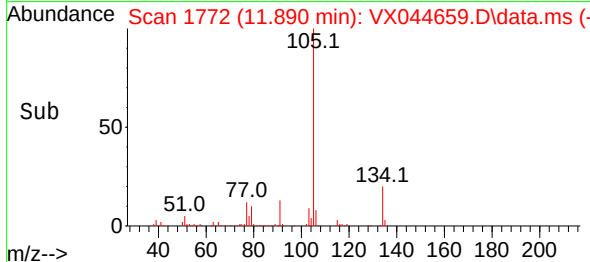
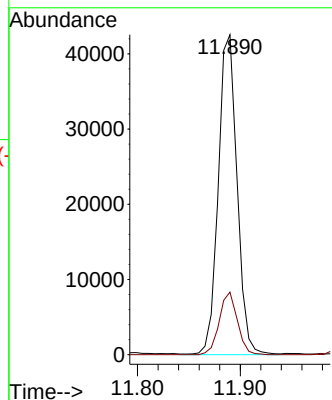
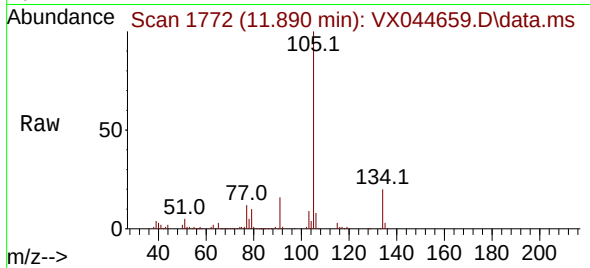




#81
 sec-Butylbenzene
 Concen: 5.272 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

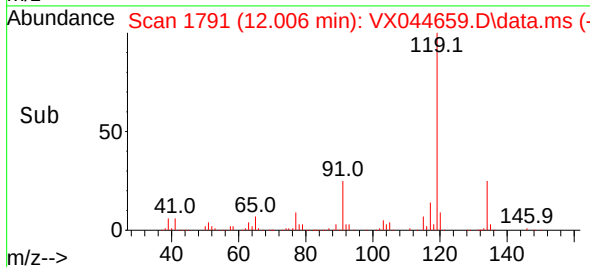
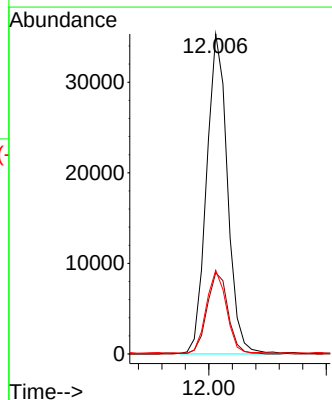
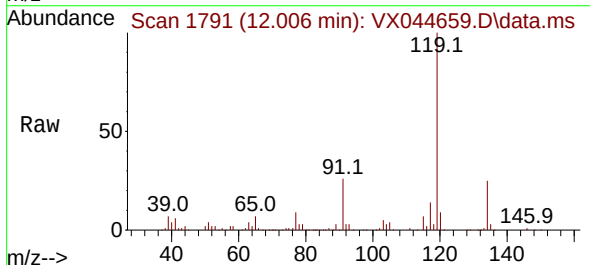
Instrument :
 MSVOA_X
 ClientSampleId :

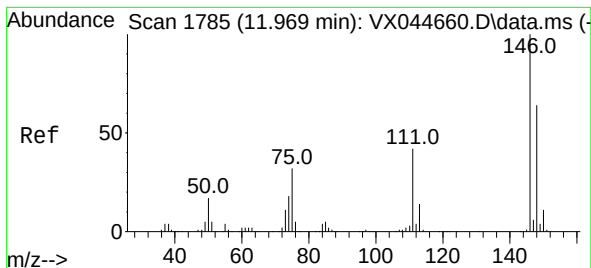
Tgt Ion:105 Resp: 53980
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 5.187 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044659.D
 Acq: 16 Jan 2025 08:39

Tgt Ion:119 Resp: 43716
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.2
 91 24.7 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 5.012 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

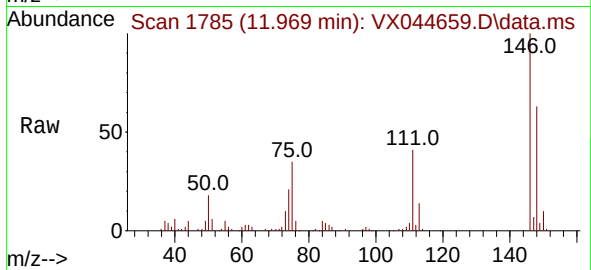
Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :



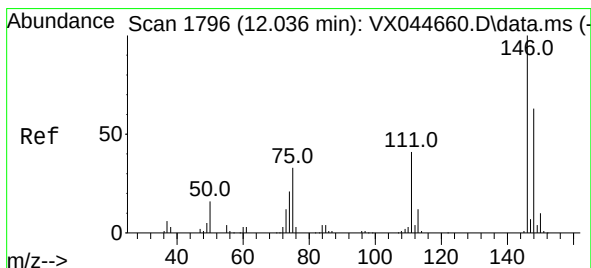
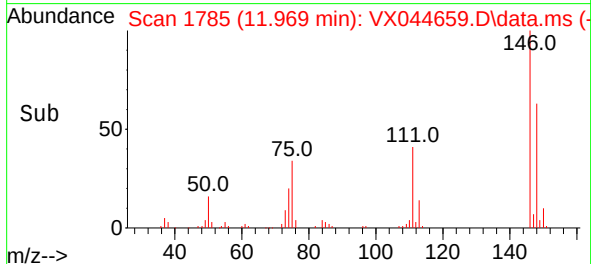
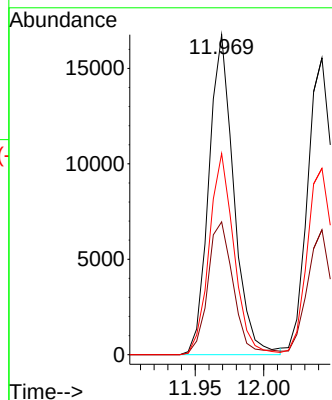
Tgt Ion:146 Resp: 21317

Ion Ratio Lower Upper

146 100

111 42.0 21.6 64.6

148 62.4 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 4.984 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

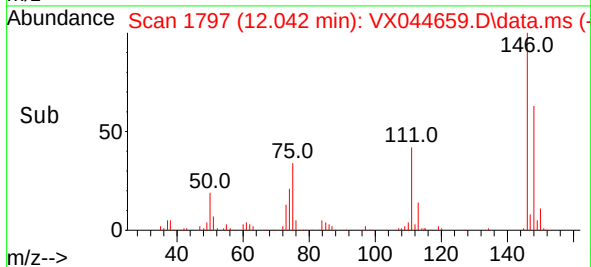
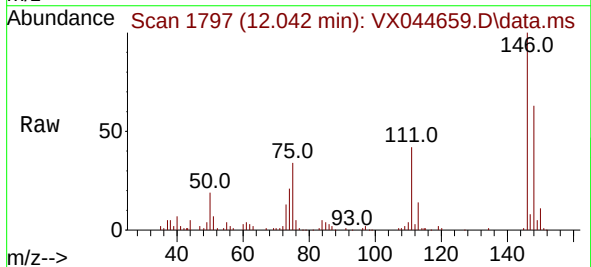
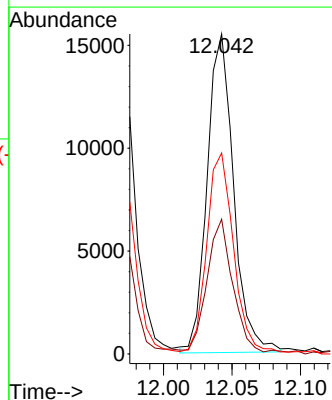
Tgt Ion:146 Resp: 20782

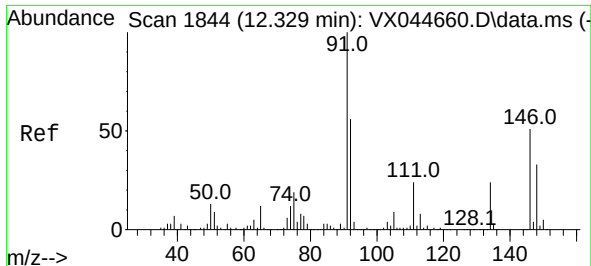
Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.5

148 64.6 32.1 96.5





#85

n-Butylbenzene

Concen: 4.797 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :

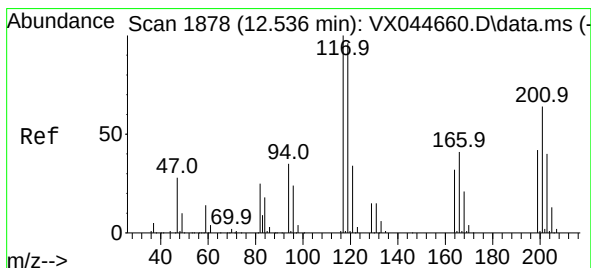
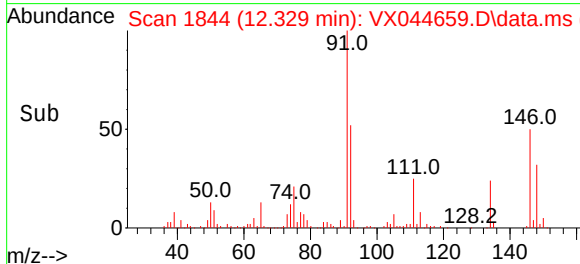
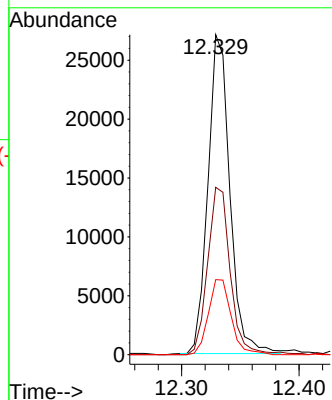
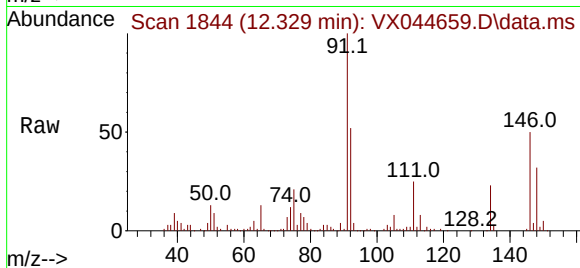
Tgt Ion: 91 Resp: 35040

Ion Ratio Lower Upper

91 100

92 53.8 0.0 109.4

134 24.5 0.0 49.2



#86

Hexachloroethane

Concen: 5.481 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044659.D

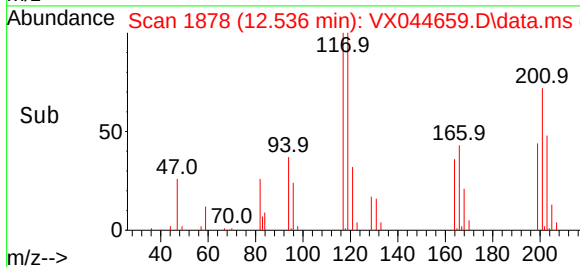
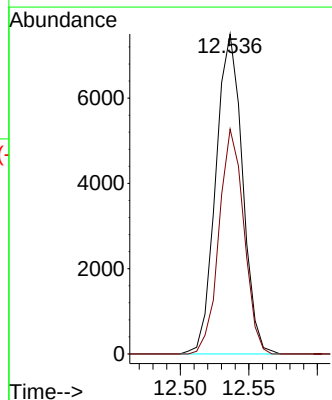
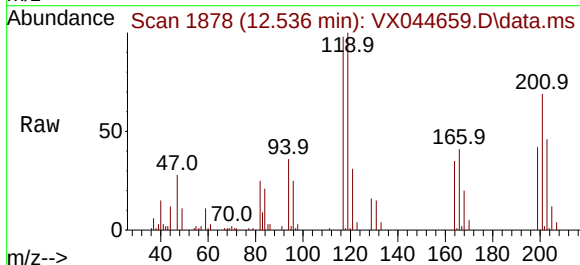
Acq: 16 Jan 2025 08:39

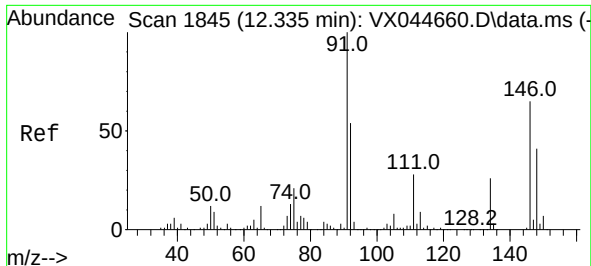
Tgt Ion: 117 Resp: 10162

Ion Ratio Lower Upper

117 100

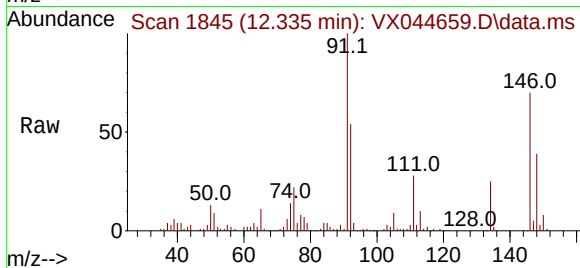
201 65.5 33.0 98.9



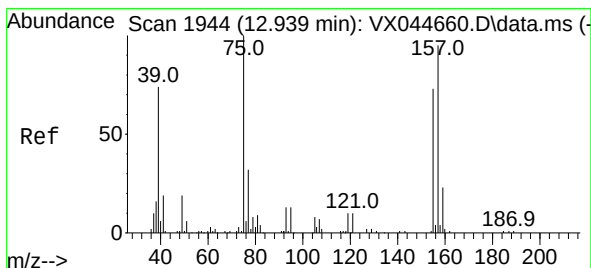
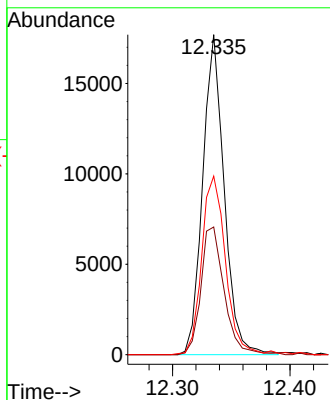
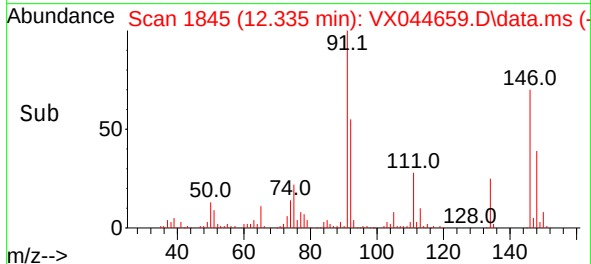


#87
1,2-Dichlorobenzene
Concen: 5.286 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

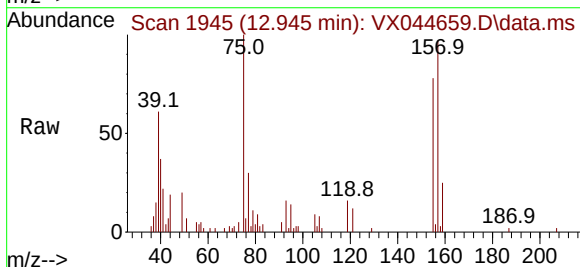
Instrument :
MSVOA_X
ClientSampleId :



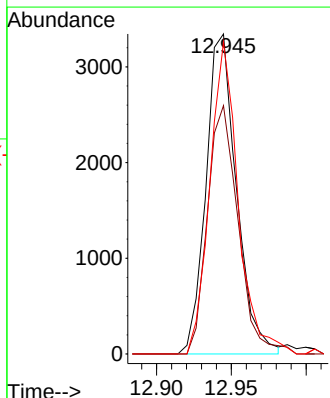
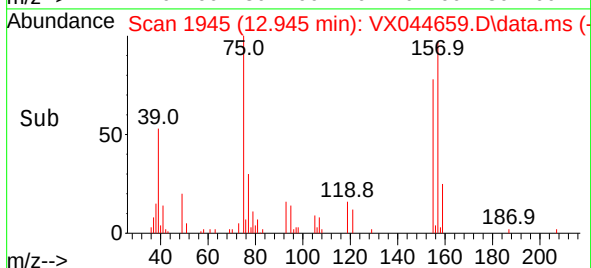
Tgt Ion:146 Resp: 22448
Ion Ratio Lower Upper
146 100
111 43.0 22.2 66.6
148 60.3 32.1 96.3

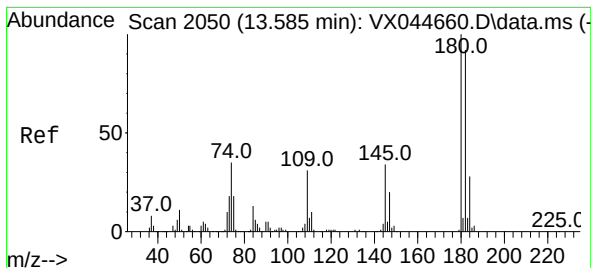


#88
1,2-Dibromo-3-Chloropropane
Concen: 5.705 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39



Tgt Ion: 75 Resp: 4748
Ion Ratio Lower Upper
75 100
155 78.0 62.3 93.5
157 90.7 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 4.642 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044659.D

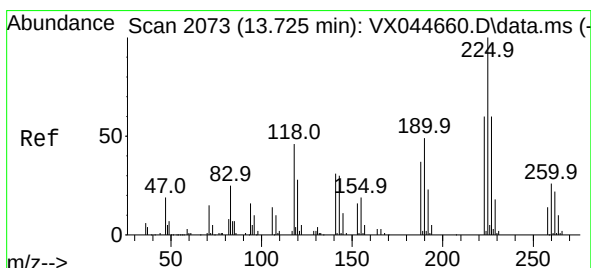
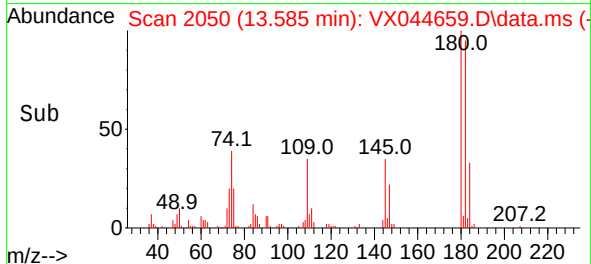
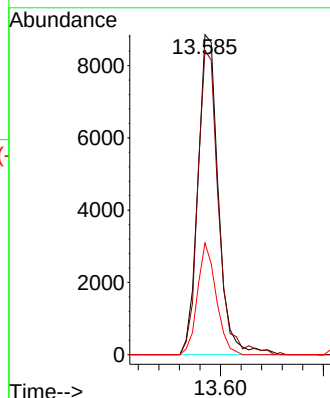
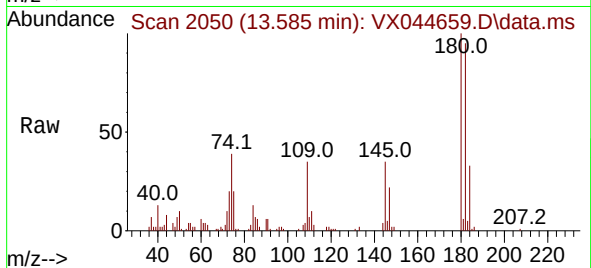
Acq: 16 Jan 2025 08:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	12251
Ion Ratio	Lower	Upper
180	100	
182	93.6	75.6 113.4
145	31.8	26.6 40.0



#90

Hexachlorobutadiene

Concen: 5.096 ug/l

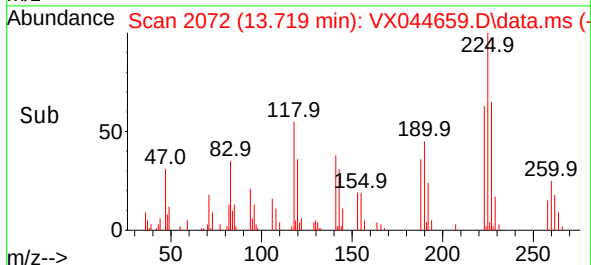
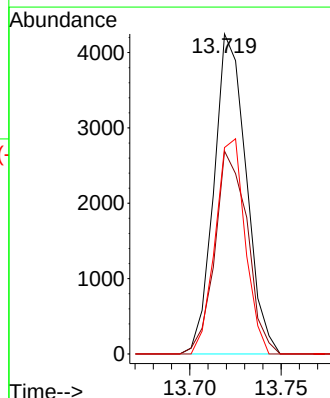
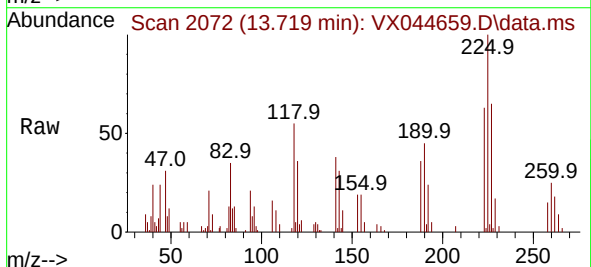
RT: 13.719 min Scan# 2072

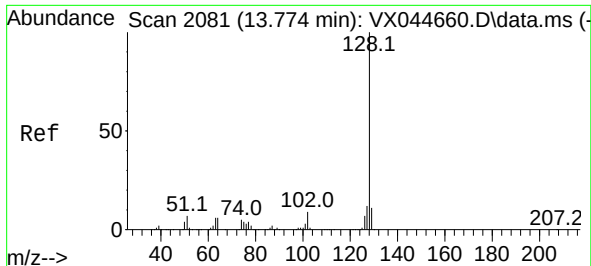
Delta R.T. -0.006 min

Lab File: VX044659.D

Acq: 16 Jan 2025 08:39

Tgt Ion:225	Resp:	5203
Ion Ratio	Lower	Upper
225	100	
223	63.9	0.0 123.0
227	62.3	0.0 124.2

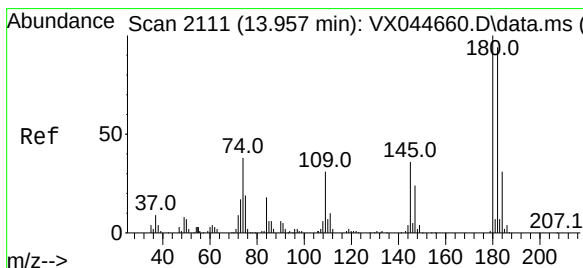
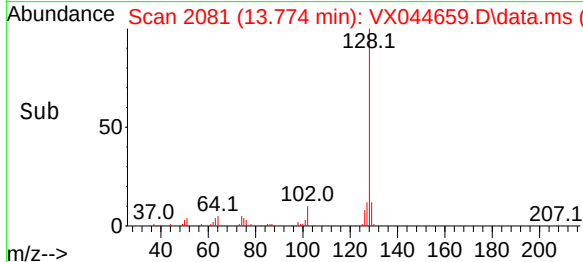
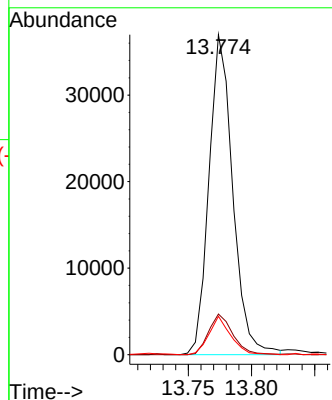
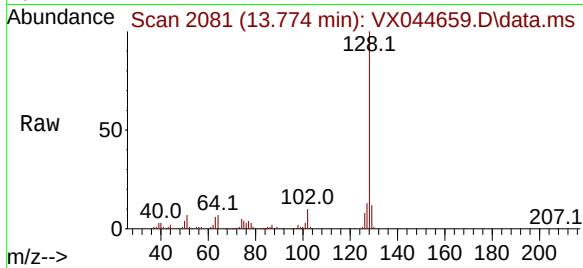




#91
Naphthalene
Concen: 4.907 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 48452
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 4.708 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044659.D
Acq: 16 Jan 2025 08:39

Tgt Ion:180 Resp: 12639
Ion Ratio Lower Upper
180 100
182 92.7 0.0 187.8
145 36.5 0.0 69.8

