

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045527.D
 Acq On : 01 Apr 2025 17:52
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 02 02:52:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	32500	19.697	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	39.400%#
35) Dibromofluoromethane	5.385	113	21963	19.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	38.520%#
50) Toluene-d8	8.647	98	79303	19.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	39.840%#
62) 4-Bromofluorobenzene	11.079	95	28795	19.858	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	39.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25265	18.724	ug/l	97
3) Chloromethane	1.301	50	28034	20.223	ug/l	98
4) Vinyl Chloride	1.374	62	25285	19.931	ug/l	97
5) Bromomethane	1.593	94	11815	19.642	ug/l	99
6) Chloroethane	1.666	64	14071	20.905	ug/l	98
7) Trichlorofluoromethane	1.874	101	38815	20.518	ug/l	98
8) Diethyl Ether	2.136	74	12852	20.235	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22917	20.673	ug/l	95
10) Methyl Iodide	2.441	142	28478	20.596	ug/l	99
11) Tert butyl alcohol	2.983	59	22453	101.253	ug/l	100
12) 1,1-Dichloroethene	2.306	96	22103	20.406	ug/l	96
13) Acrolein	2.239	56	28991	94.938	ug/l	99
14) Allyl chloride	2.660	41	41233	20.063	ug/l	99
15) Acrylonitrile	3.062	53	74487	106.412	ug/l	98
16) Acetone	2.386	43	69788	103.000	ug/l	99
17) Carbon Disulfide	2.502	76	51771	19.352	ug/l	98
18) Methyl Acetate	2.703	43	31190	19.994	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	78284	20.660	ug/l	96
20) Methylene Chloride	2.782	84	26212	20.664	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22968	20.755	ug/l	92
22) Diisopropyl ether	3.757	45	84046	20.760	ug/l #	81
23) Vinyl Acetate	3.721	43	361881	103.458	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47560	20.772	ug/l	99
25) 2-Butanone	4.556	43	105062	105.931	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28956	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27425	20.342	ug/l	98
28) Bromochloromethane	4.897	49	22285	20.141	ug/l	100
29) Tetrahydrofuran	5.007	42	66994	104.187	ug/l	99
30) Chloroform	5.093	83	48639	20.646	ug/l	100
31) Cyclohexane	5.458	56	41450	20.478	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	40407	20.270	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30504	19.808	ug/l	98
37) Ethyl Acetate	4.715	43	39163	20.180	ug/l	98
38) Carbon Tetrachloride	5.672	117	33533	20.148	ug/l	94
39) Methylcyclohexane	7.373	83	38303	20.291	ug/l	97
40) Benzene	6.031	78	97667	20.766	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21740	21.046	ug/l	97
42) 1,2-Dichloroethane	6.086	62	41733	21.484	ug/l	100
43) Isopropyl Acetate	6.342	43	61222	20.814	ug/l	99
44) Trichloroethene	7.123	130	22918	20.501	ug/l	97
45) 1,2-Dichloropropane	7.428	63	24926	21.241	ug/l	90
46) Dibromomethane	7.580	93	19104	21.207	ug/l	99
47) Bromodichloromethane	7.818	83	37036	20.587	ug/l	99
48) Methyl methacrylate	7.696	41	31247	20.575	ug/l	99
49) 1,4-Dioxane	7.659	88	12104	440.515	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	212645	109.055	ug/l	99
52) Toluene	8.714	92	60357	21.208	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29870	18.764	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	35099	20.762	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	24191	21.331	ug/l	96
56) Ethyl methacrylate	9.116	69	36155	20.600	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41900	21.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	91923	103.534	ug/l	100
59) 2-Hexanone	9.427	43	156999	108.730	ug/l	99
60) Dibromochloromethane	9.519	129	25992	21.023	ug/l	98
61) 1,2-Dibromoethane	9.604	107	24456	21.303	ug/l	99
64) Tetrachloroethene	9.269	164	21379	21.015	ug/l	98
65) Chlorobenzene	10.079	112	64727	21.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21447	20.064	ug/l	98
67) Ethyl Benzene	10.189	91	115368	20.921	ug/l	99
68) m/p-Xylenes	10.299	106	84420	42.092	ug/l	99
69) o-Xylene	10.640	106	41803	21.158	ug/l	100
70) Styrene	10.653	104	69290	21.249	ug/l	99
71) Bromoform	10.799	173	15659	19.619	ug/l #	99
73) Isopropylbenzene	10.957	105	110396	21.093	ug/l	100
74) N-amyl acetate	10.842	43	51238	20.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38177	20.764	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40414	25.357	ug/l	89
77) Bromobenzene	11.195	156	24902	20.592	ug/l	100
78) n-propylbenzene	11.299	91	130994	21.729	ug/l	98
79) 2-Chlorotoluene	11.360	91	81817	21.229	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93328	21.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	17.961	ug/l	88
82) 4-Chlorotoluene	11.451	91	90704	21.108	ug/l	99
83) tert-Butylbenzene	11.713	119	89828	20.964	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	92242	21.235	ug/l	100
85) sec-Butylbenzene	11.890	105	112800	21.433	ug/l	100
86) p-Isopropyltoluene	12.006	119	91866	21.173	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45105	20.490	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	46208	20.706	ug/l	99
89) n-Butylbenzene	12.329	91	77739	20.662	ug/l	100
90) Hexachloroethane	12.536	117	14544	19.505	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	45732	20.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8153	21.203	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	24787	20.347	ug/l	98
94) Hexachlorobutadiene	13.725	225	10488	19.979	ug/l	97
95) Naphthalene	13.774	128	94875	20.928	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26113	20.471	ug/l	98

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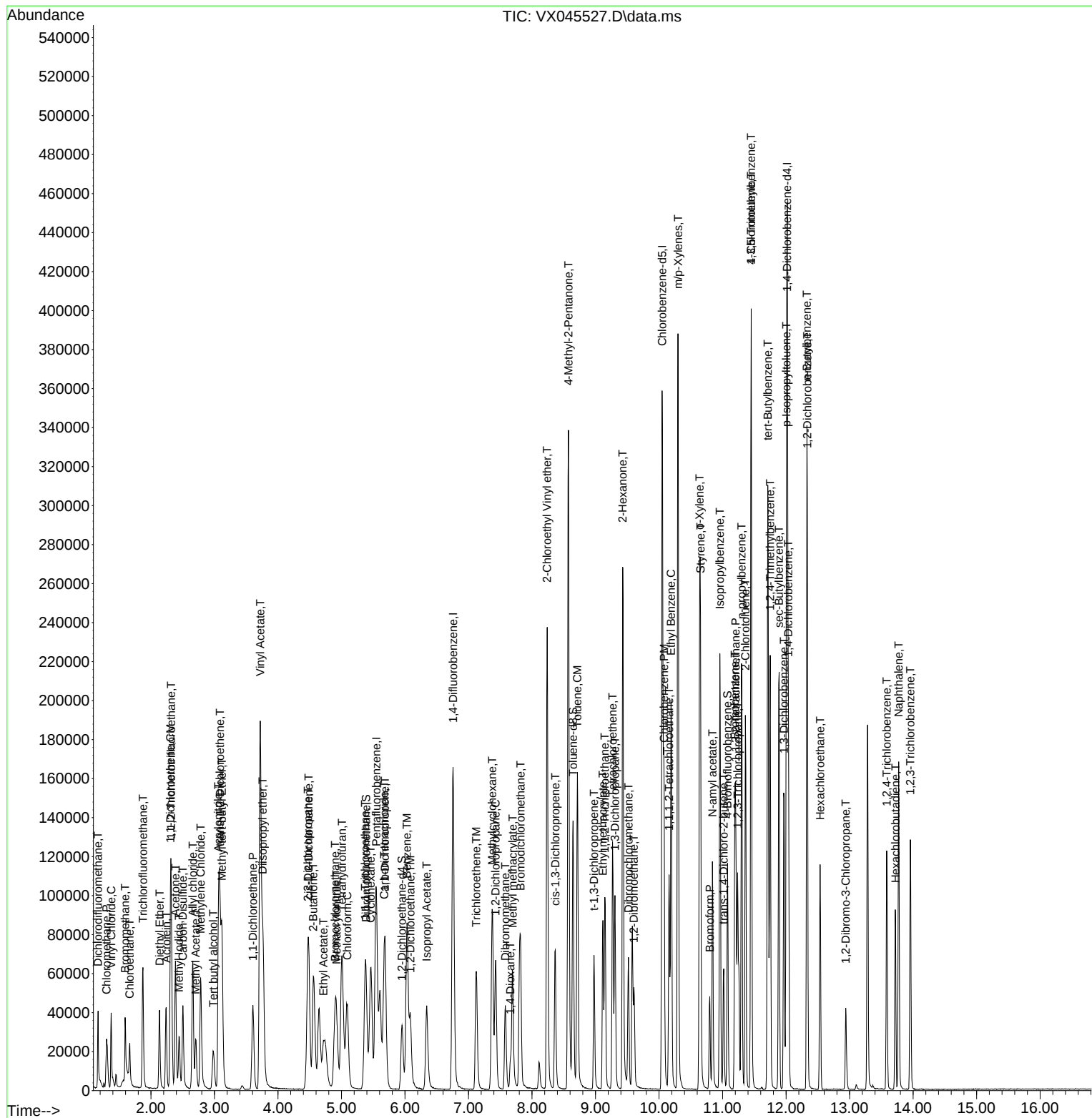
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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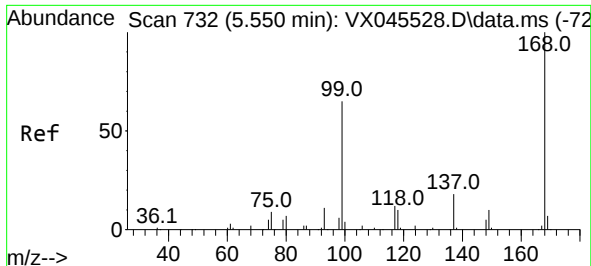
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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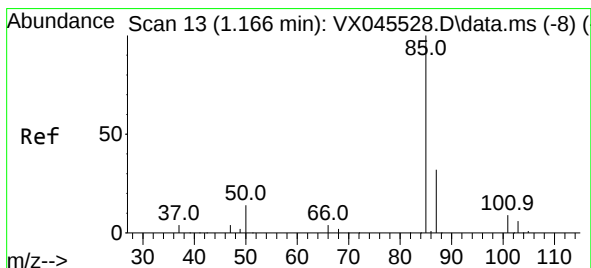
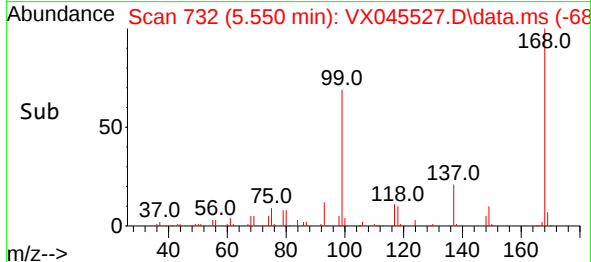
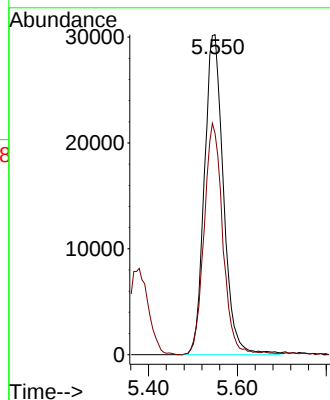
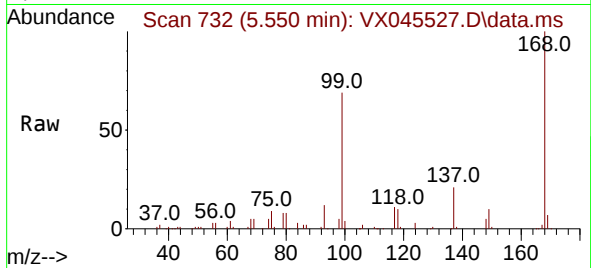




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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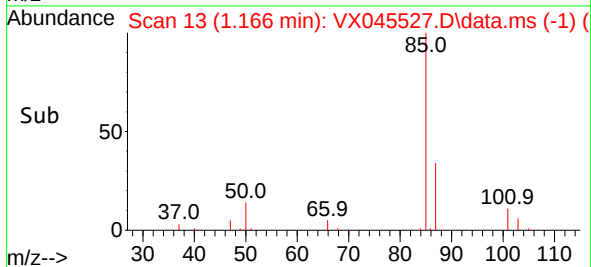
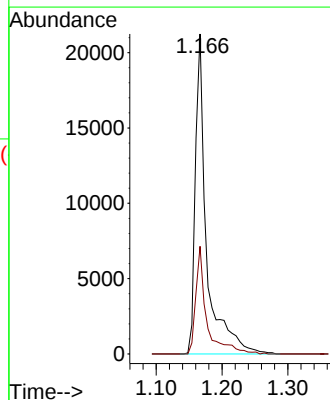
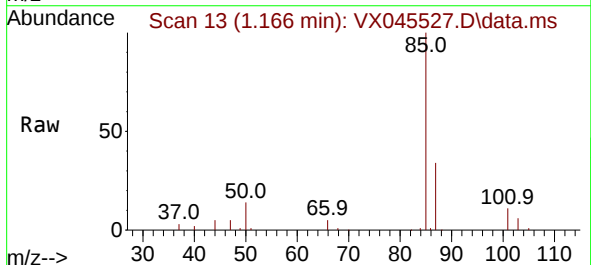
Instrument :
MSVOA_X
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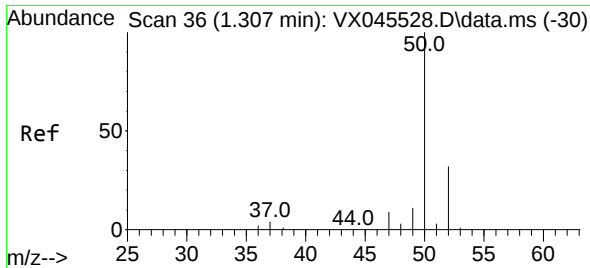
Tgt Ion:168 Resp: 90228
Ion Ratio Lower Upper
168 100
99 69.1 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 18.724 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 85 Resp: 25265
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.2

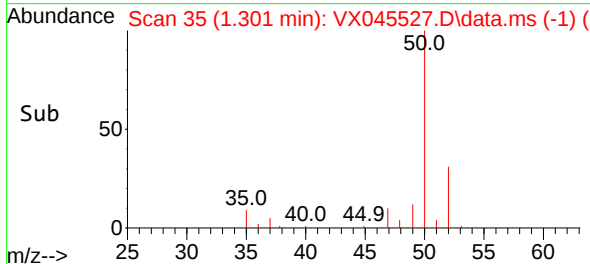
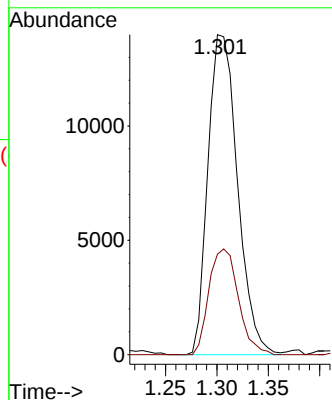
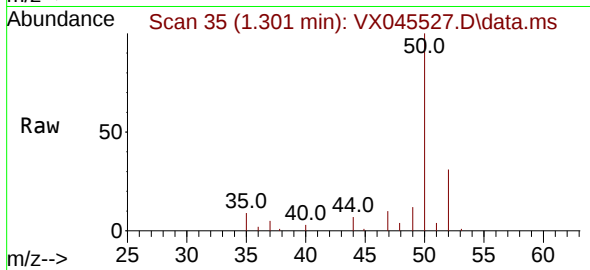




#3
Chloromethane
Concen: 20.223 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045527.D
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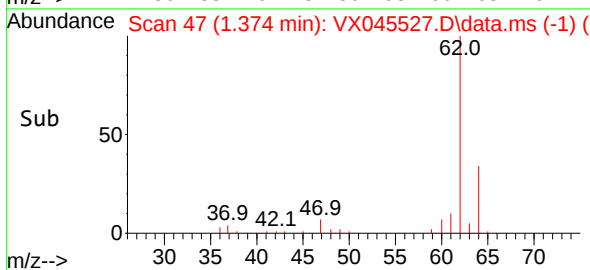
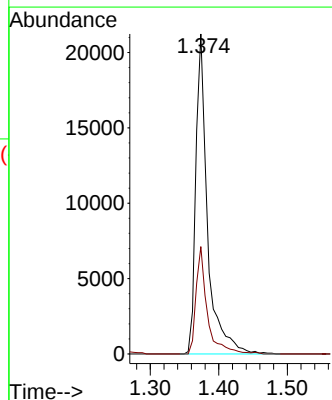
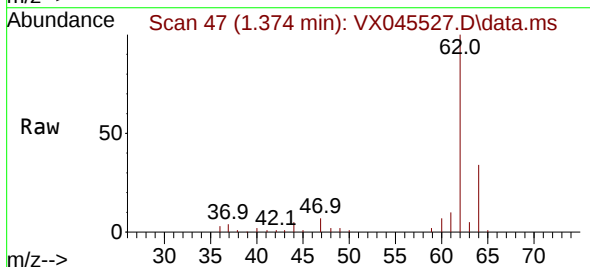
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 28034
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9



#4
Vinyl Chloride
Concen: 19.931 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 62 Resp: 25285
Ion Ratio Lower Upper
62 100
64 33.5 25.5 38.3

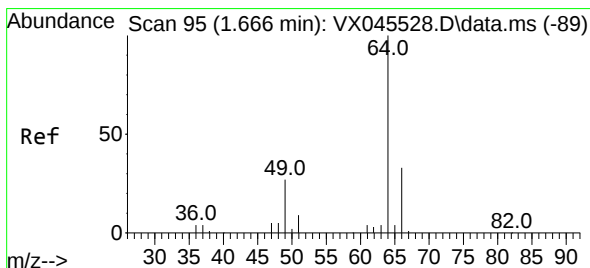
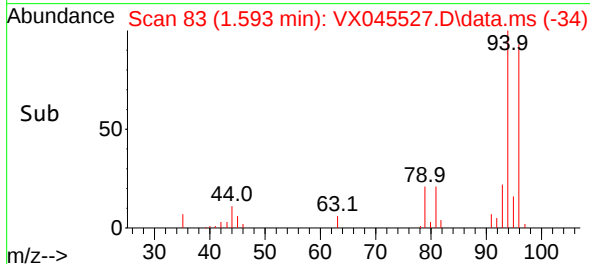
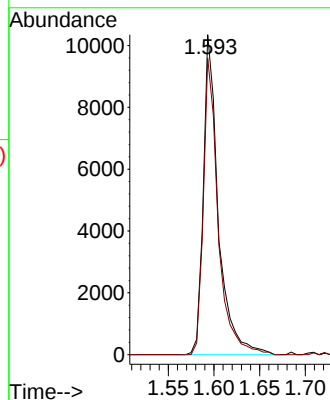
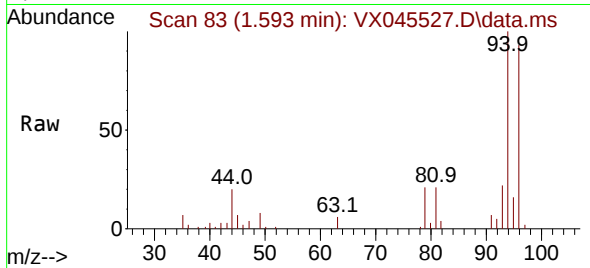




#5
Bromomethane
Concen: 19.642 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045527.D
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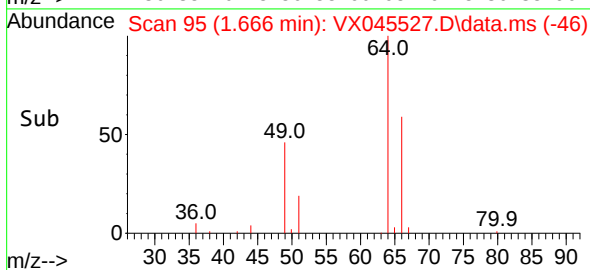
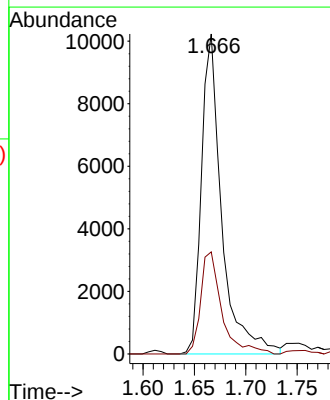
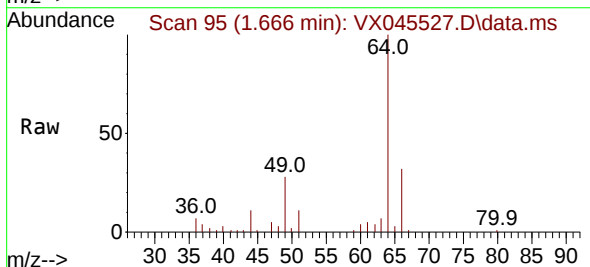
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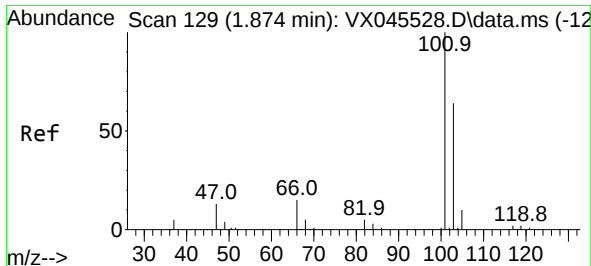
Tgt Ion: 94 Resp: 11815
Ion Ratio Lower Upper
94 100
96 92.7 74.8 112.2



#6
Chloroethane
Concen: 20.905 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 64 Resp: 14071
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5

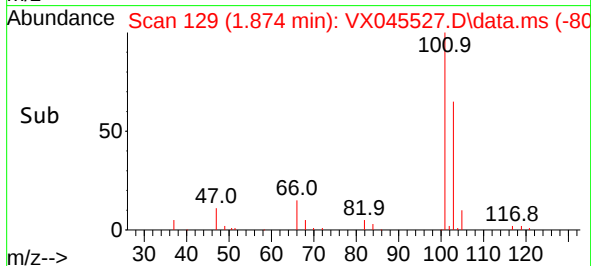
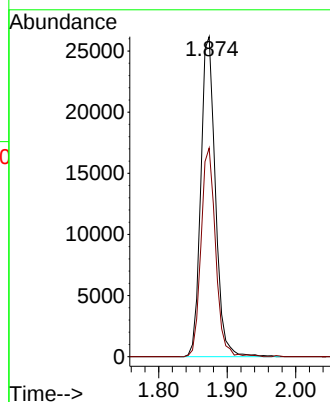
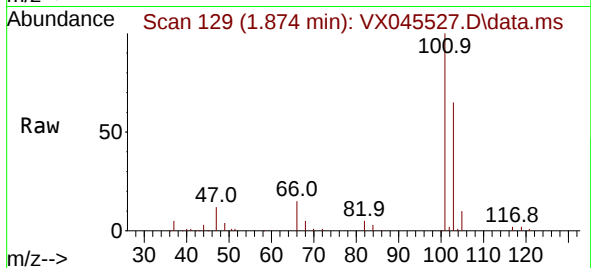




#7
Trichlorofluoromethane
Concen: 20.518 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045527.D
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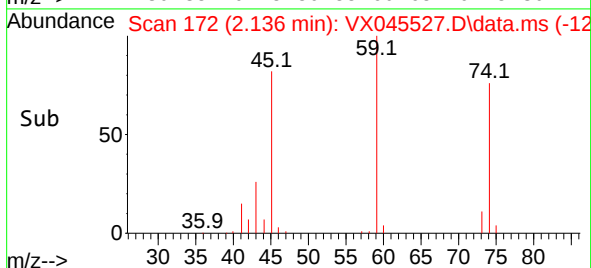
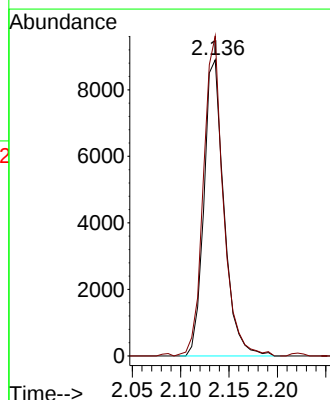
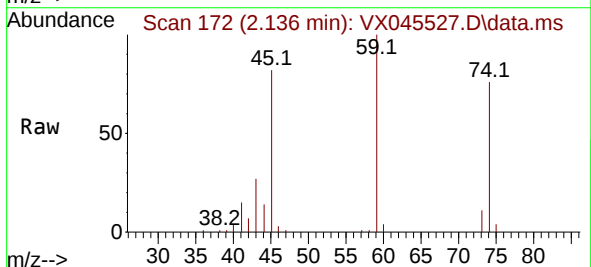
Instrument :
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Tgt Ion:101 Resp: 38815
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7



#8
Diethyl Ether
Concen: 20.235 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 74 Resp: 12852
Ion Ratio Lower Upper
74 100
45 107.6 53.0 159.1

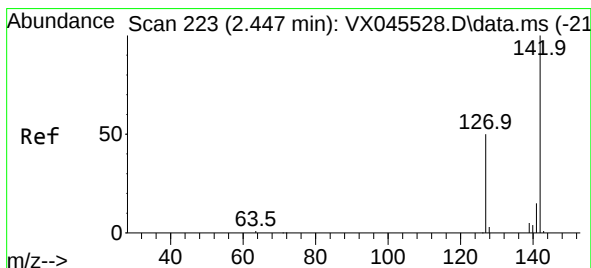
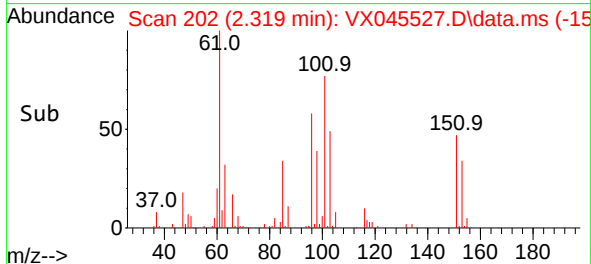
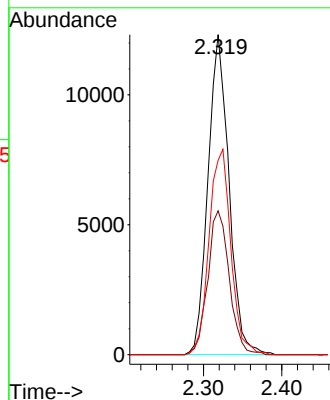
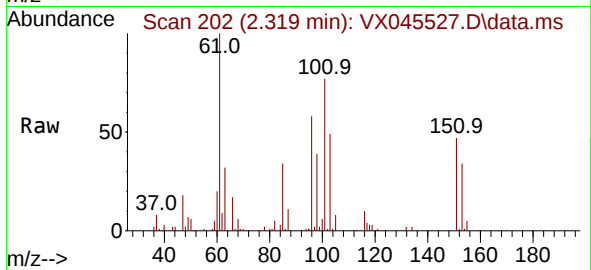




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.673 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045527.D
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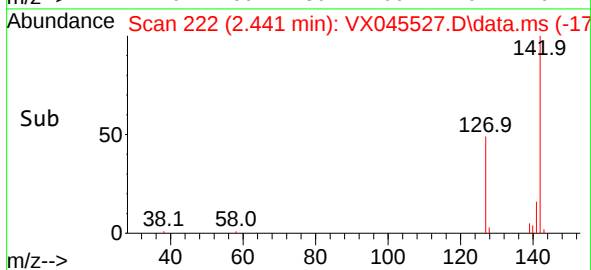
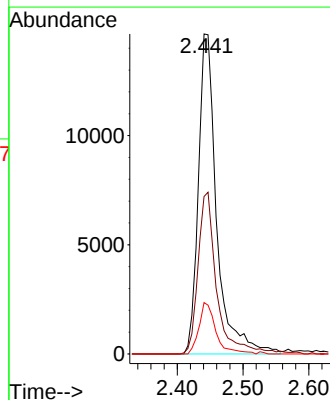
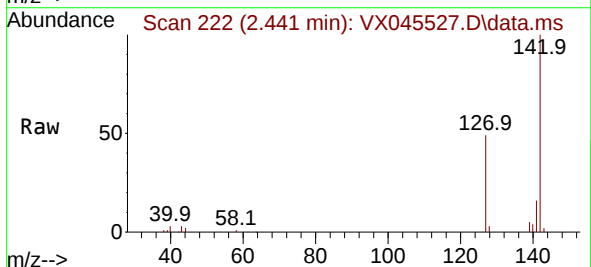
Instrument :
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Tgt Ion:101 Resp: 22917
Ion Ratio Lower Upper
101 100
85 46.2 38.9 58.3
151 66.8 57.5 86.3



#10
Methyl Iodide
Concen: 20.596 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:142 Resp: 28478
Ion Ratio Lower Upper
142 100
127 51.5 40.2 60.4
141 14.8 11.7 17.5

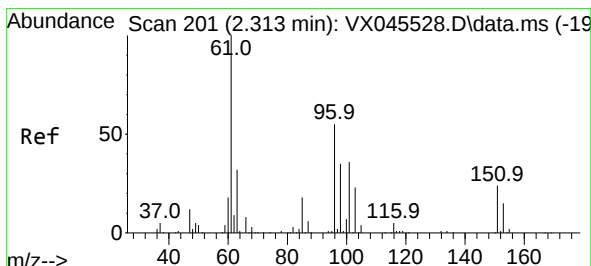
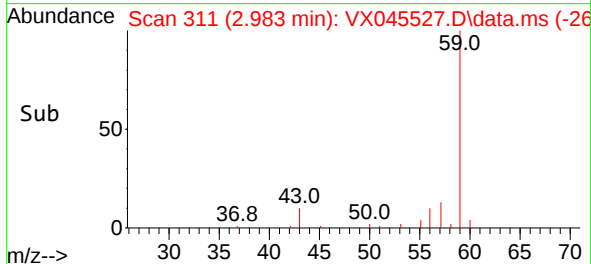
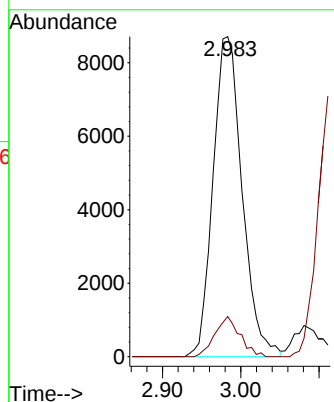
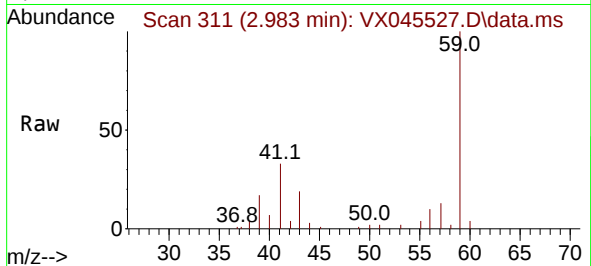




#11
Tert butyl alcohol
Concen: 101.253 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

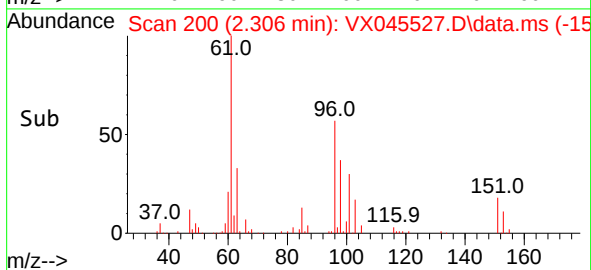
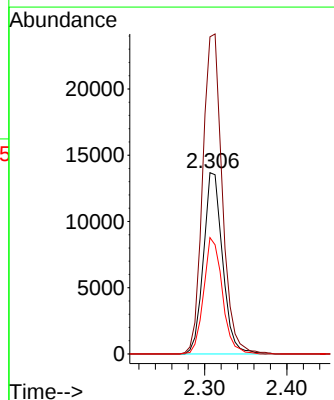
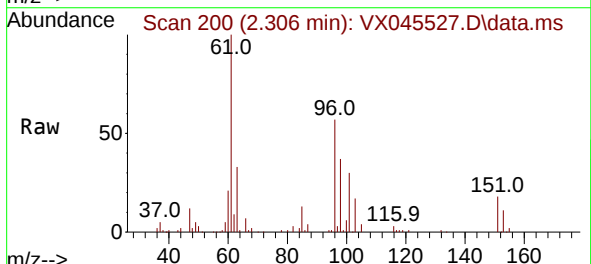
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

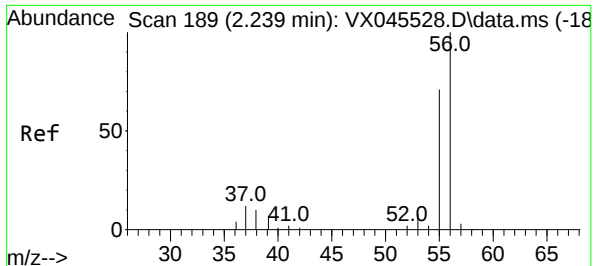
Tgt Ion: 59 Resp: 22453
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.406 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 96 Resp: 22103
Ion Ratio Lower Upper
96 100
61 175.0 145.7 218.5
98 64.2 51.6 77.4





#13

Acrolein

Concen: 94.938 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

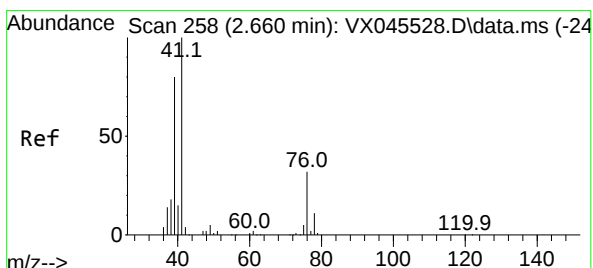
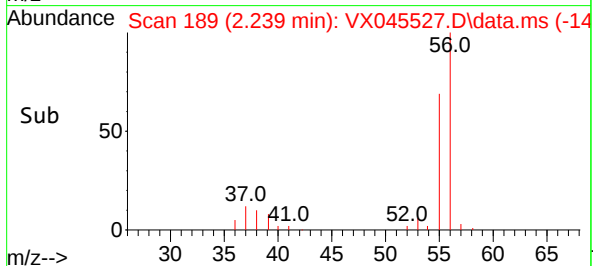
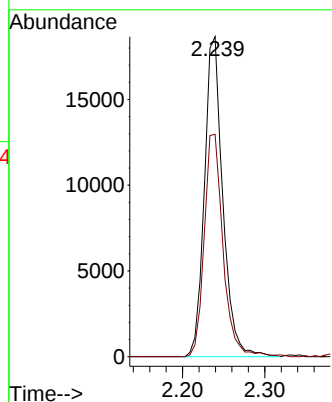
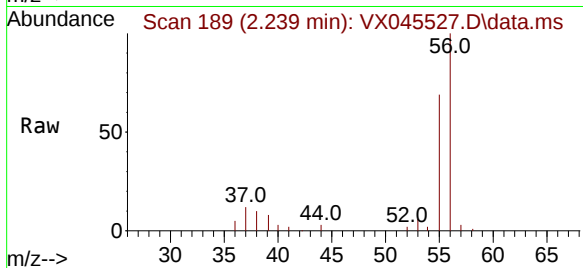
VSTDIC020

Tgt Ion: 56 Resp: 28991

Ion Ratio Lower Upper

56 100

55 71.2 56.2 84.2



#14

Allyl chloride

Concen: 20.063 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

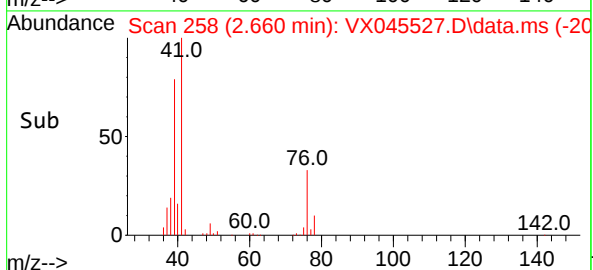
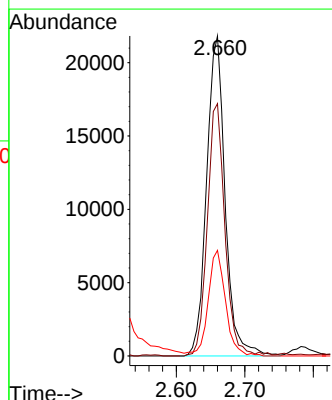
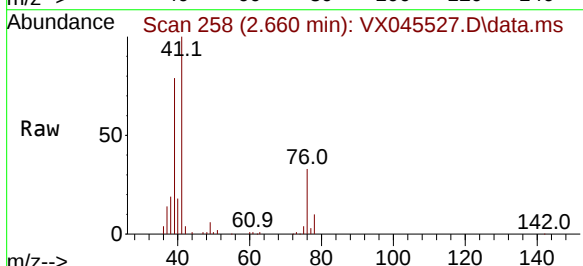
Tgt Ion: 41 Resp: 41233

Ion Ratio Lower Upper

41 100

39 74.2 60.2 90.2

76 31.0 24.6 36.8

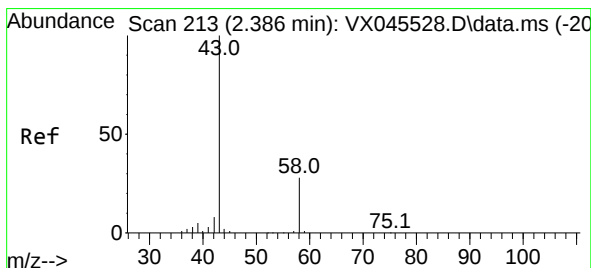
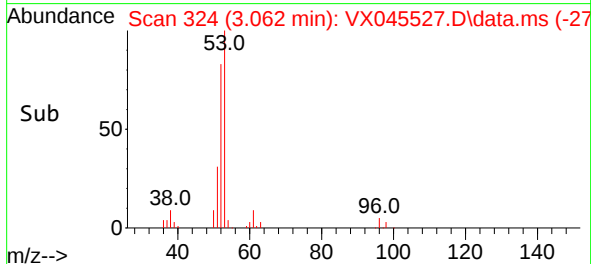
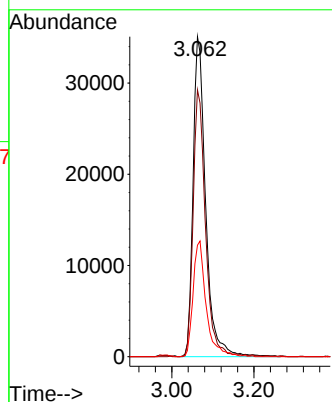
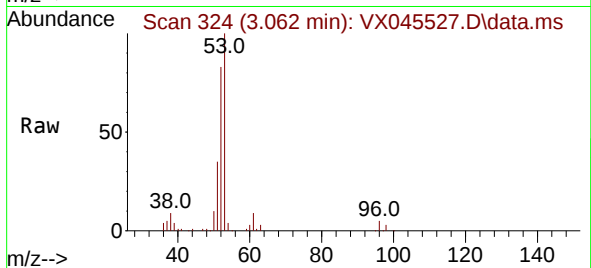




#15
Acrylonitrile
Concen: 106.412 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

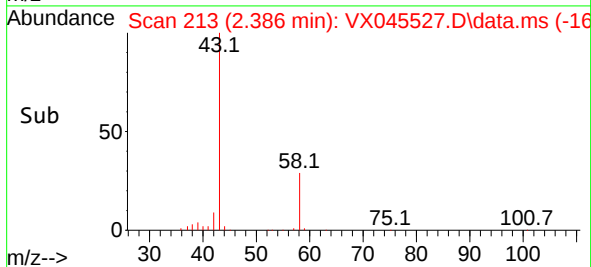
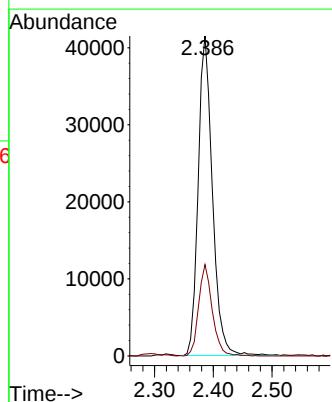
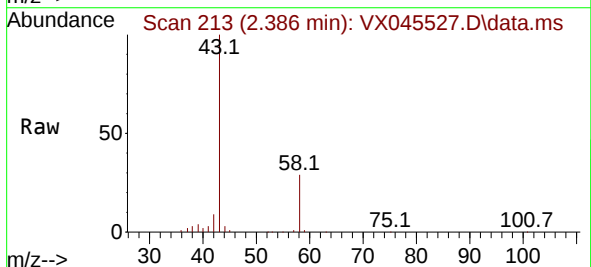
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

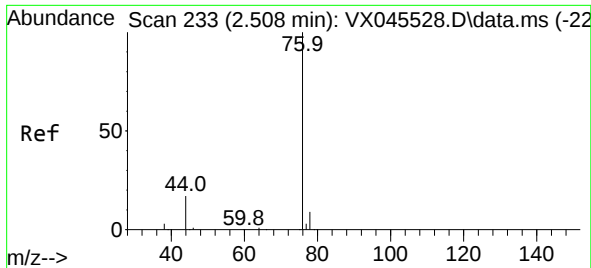
Tgt Ion: 53 Resp: 74487
Ion Ratio Lower Upper
53 100
52 81.8 67.4 101.2
51 37.6 29.9 44.9



#16
Acetone
Concen: 103.000 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 69788
Ion Ratio Lower Upper
43 100
58 28.6 22.3 33.5

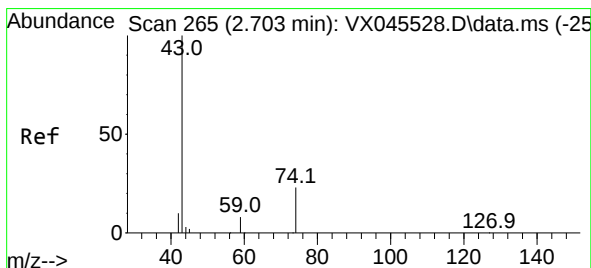
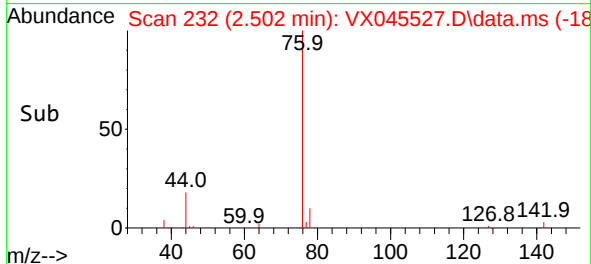
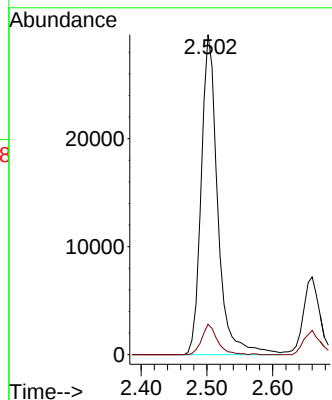
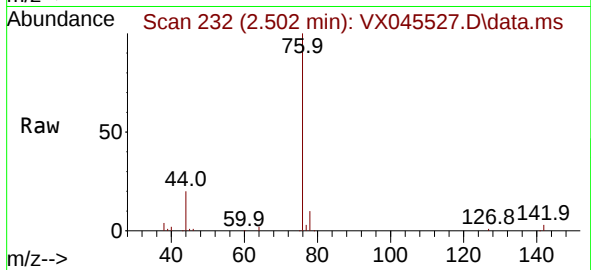




#17
Carbon Disulfide
Concen: 19.352 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

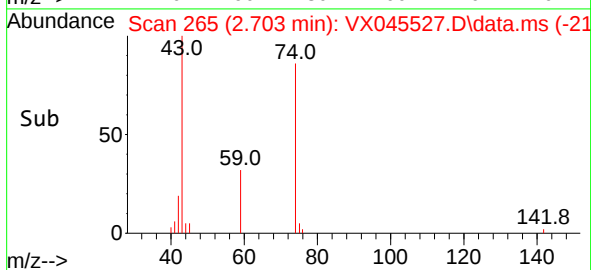
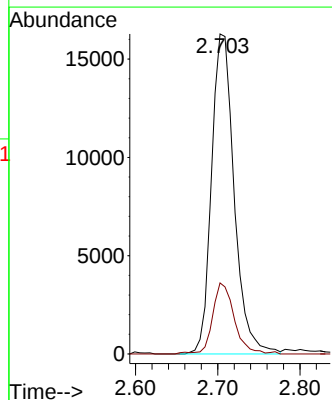
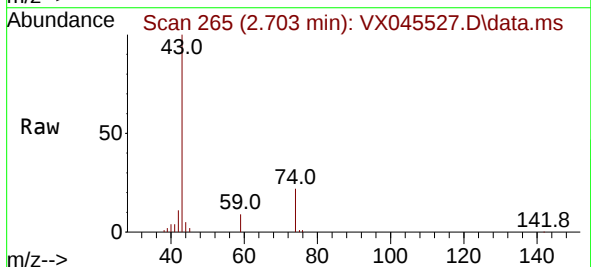
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

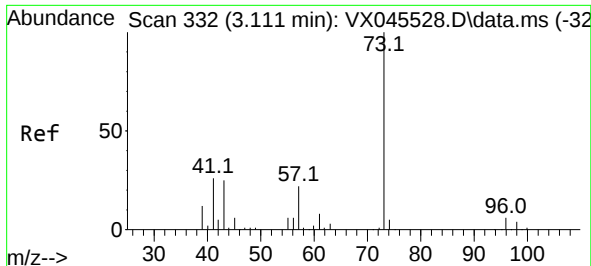
Tgt Ion: 76 Resp: 51771
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 19.994 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 31190
Ion Ratio Lower Upper
43 100
74 21.3 17.5 26.3

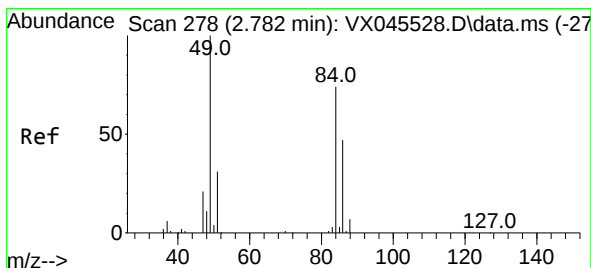
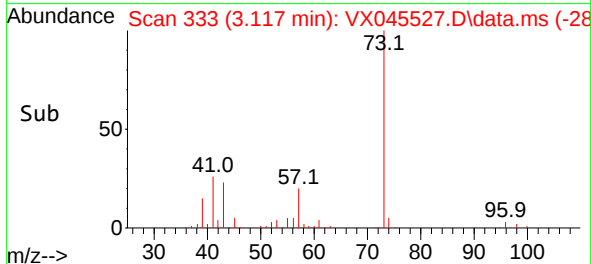
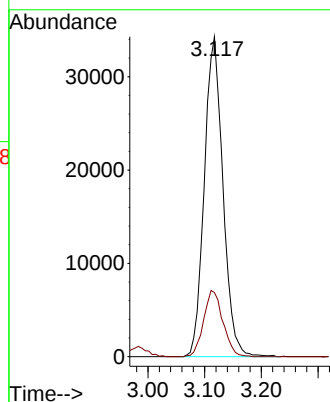
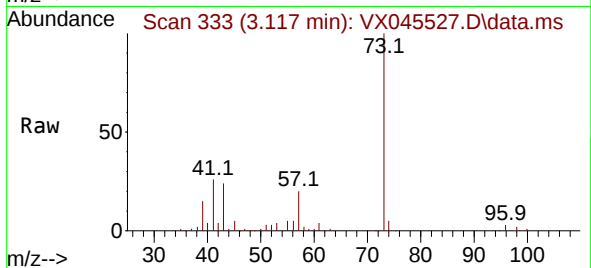




#19
Methyl tert-butyl Ether
Concen: 20.660 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

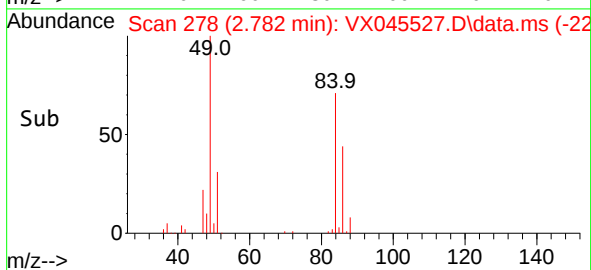
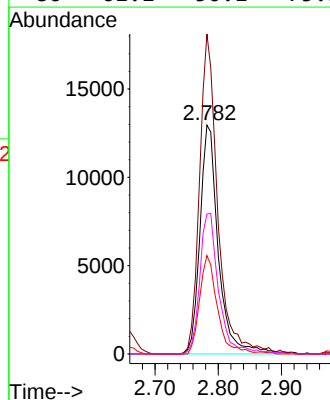
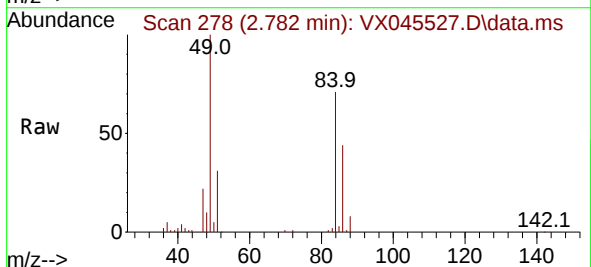
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 78284
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4



#20
Methylene Chloride
Concen: 20.664 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 84 Resp: 26212
Ion Ratio Lower Upper
84 100
49 139.9 107.5 161.3
51 43.0 33.0 49.6
86 61.1 50.1 75.1

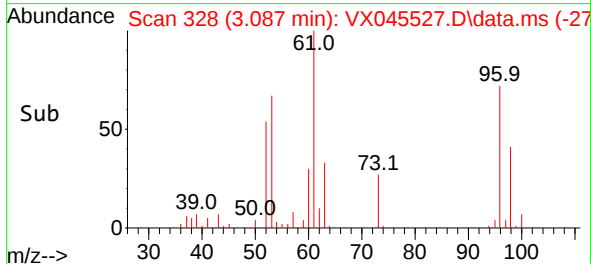
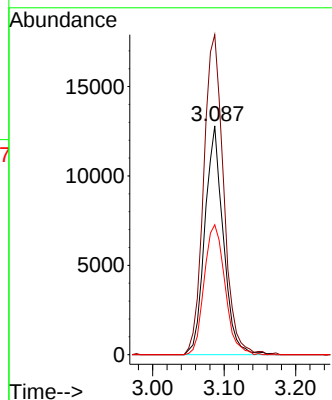
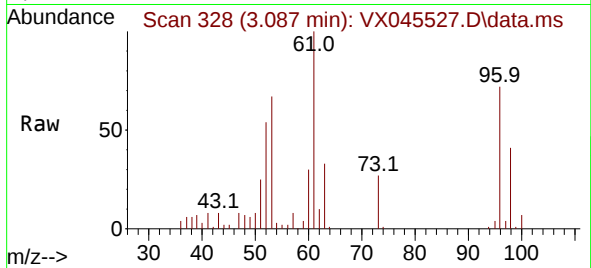




#21
trans-1,2-Dichloroethene
Concen: 20.755 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

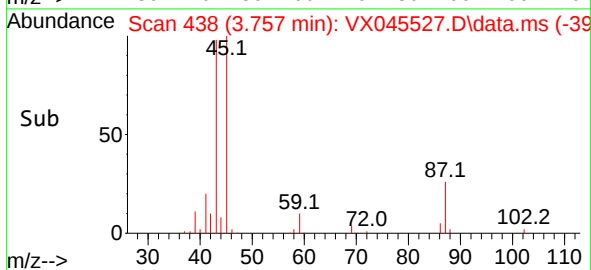
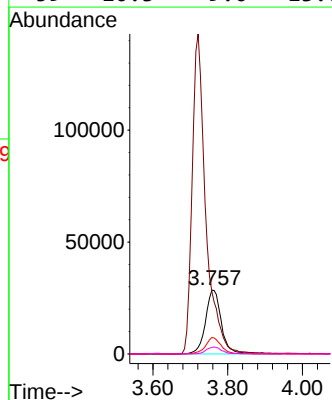
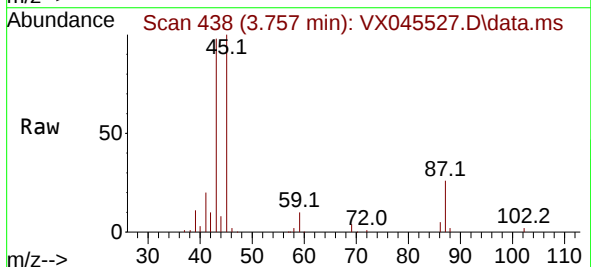
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

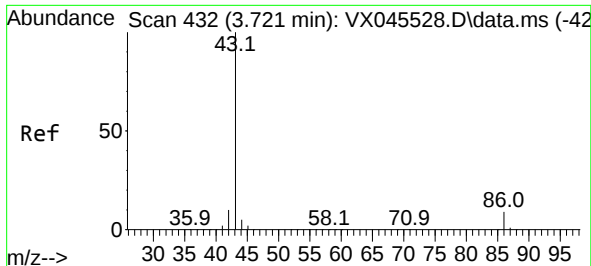
Tgt Ion: 96 Resp: 22968
Ion Ratio Lower Upper
96 100
61 139.8 121.0 181.6
98 56.7 49.7 74.5



#22
Diisopropyl ether
Concen: 20.760 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 45 Resp: 84046
Ion Ratio Lower Upper
45 100
43 98.0 59.3 88.9#
87 25.9 20.4 30.6
59 10.3 9.0 13.6

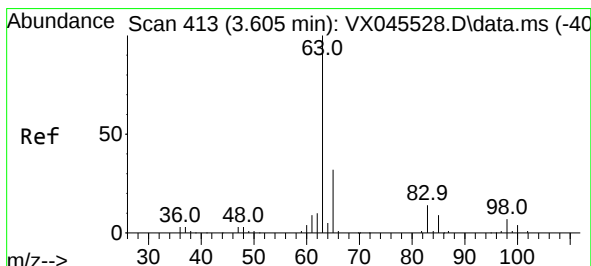
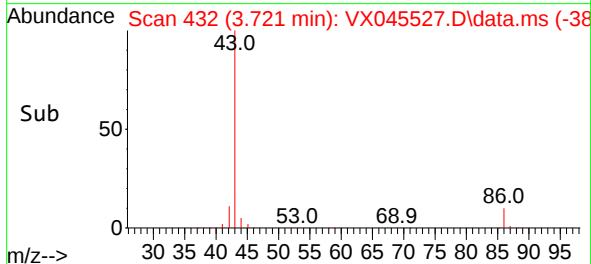
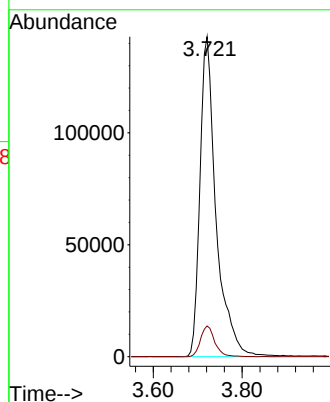
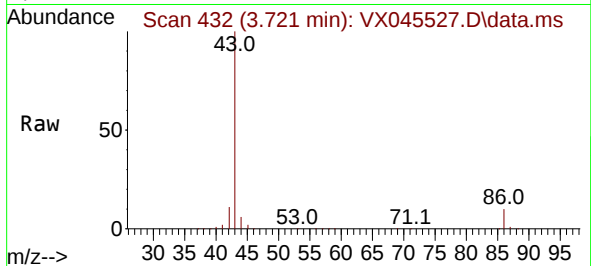




#23
 Vinyl Acetate
 Concen: 103.458 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

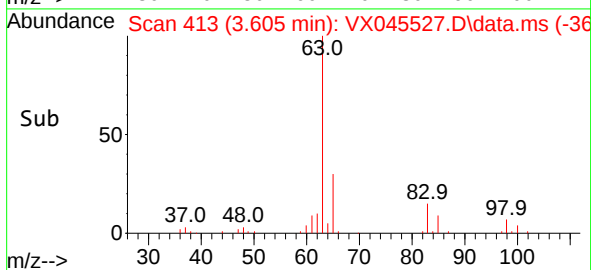
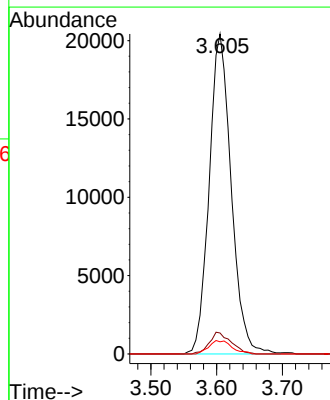
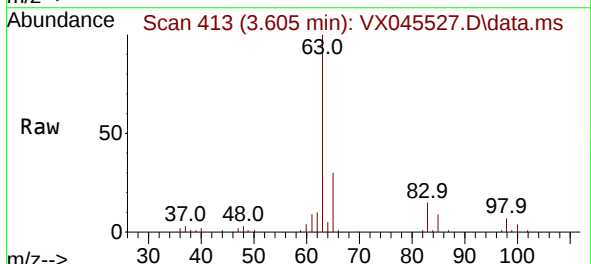
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

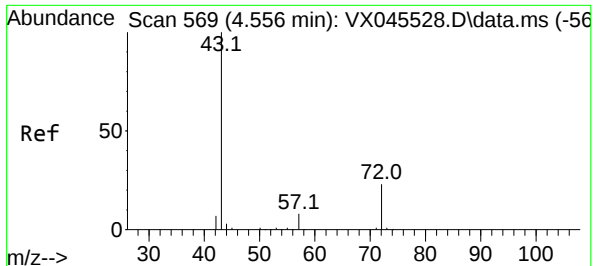
Tgt Ion: 43 Resp: 361881
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.772 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

Tgt Ion: 63 Resp: 47560
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 3.8 2.2 6.6

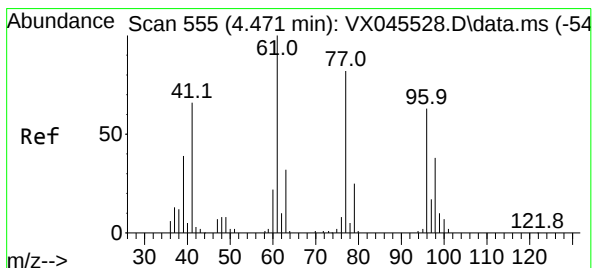
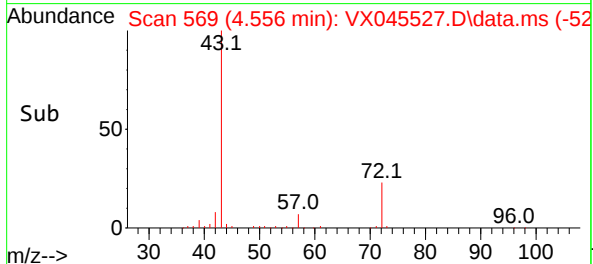
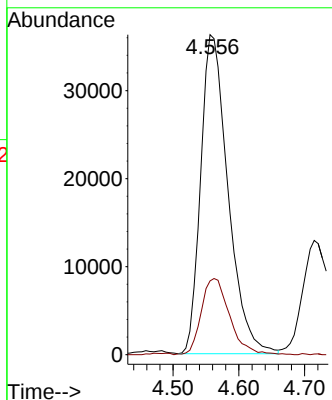
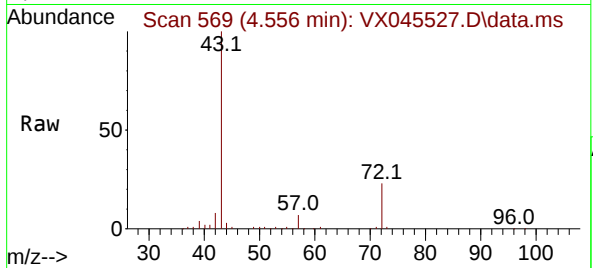




#25
2-Butanone
Concen: 105.931 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

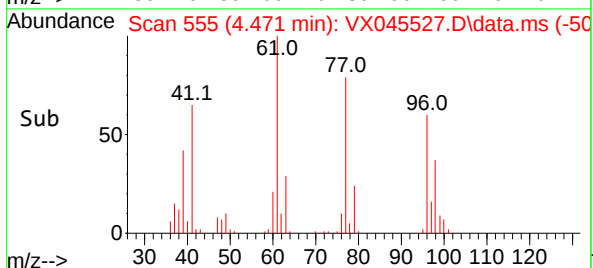
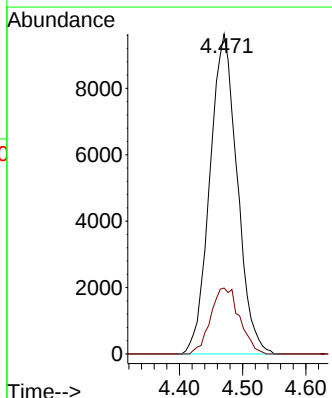
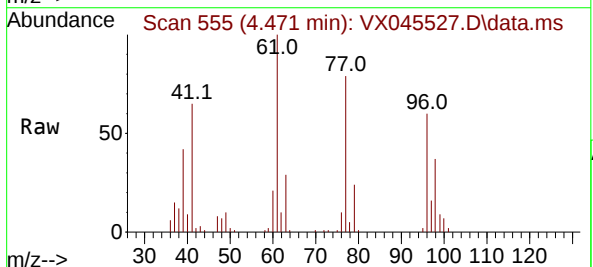
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 105062
Ion Ratio Lower Upper
43 100
72 22.9 18.6 28.0



#26
2,2-Dichloropropane
Concen: 19.574 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 77 Resp: 28956
Ion Ratio Lower Upper
77 100
97 21.8 10.6 31.8

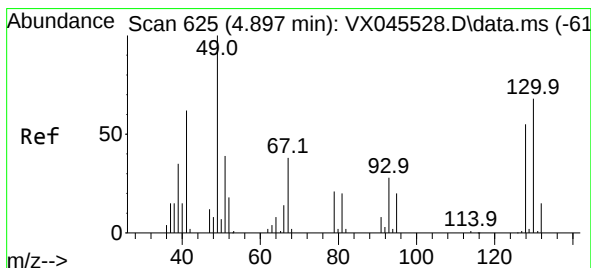
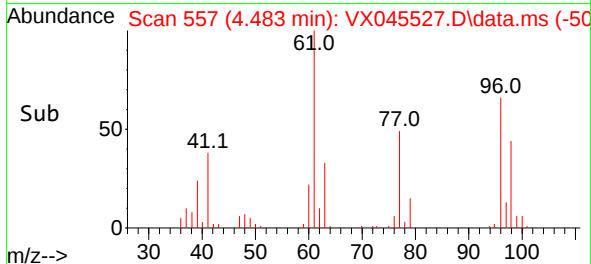
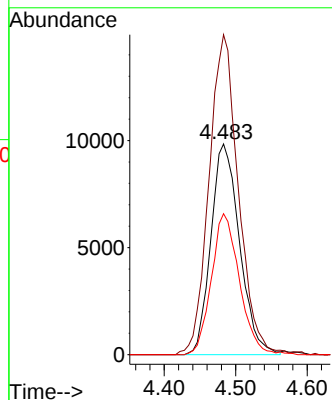
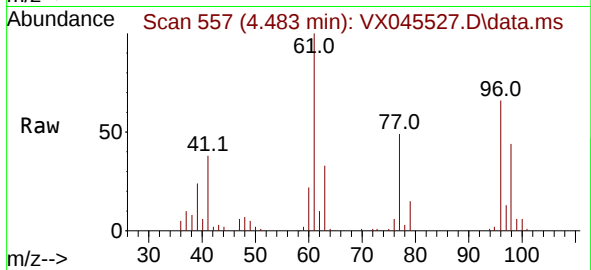




#27
 cis-1,2-Dichloroethene
 Concen: 20.342 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

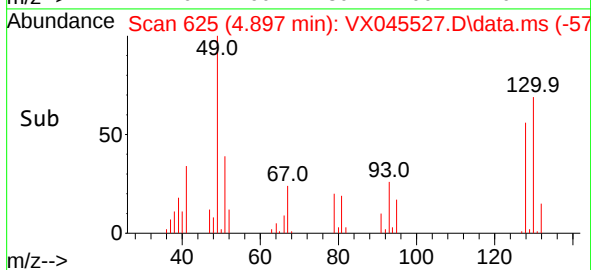
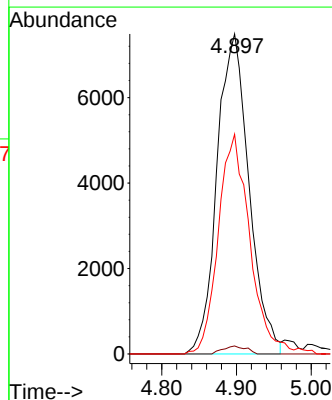
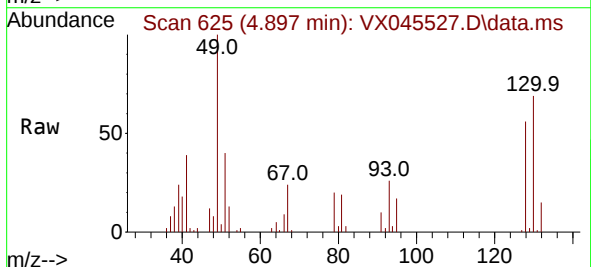
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

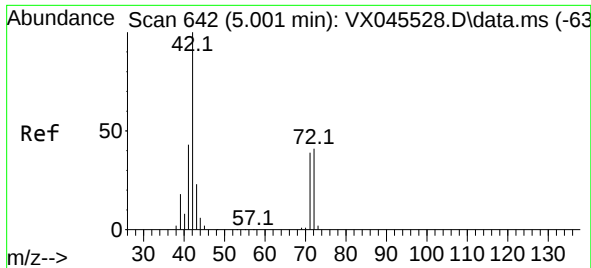
Tgt Ion: 96 Resp: 27425
 Ion Ratio Lower Upper
 96 100
 61 155.2 0.0 313.2
 98 65.5 0.0 126.4



#28
 Bromochloromethane
 Concen: 20.141 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

Tgt Ion: 49 Resp: 22285
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 68.0 54.6 81.8





#29

Tetrahydrofuran

Concen: 104.187 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

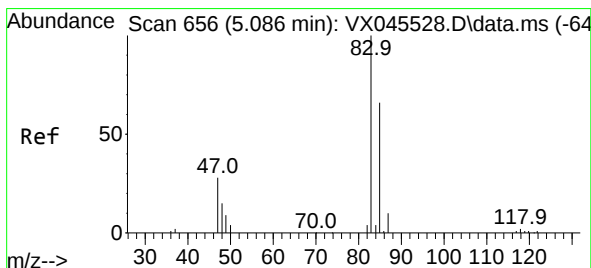
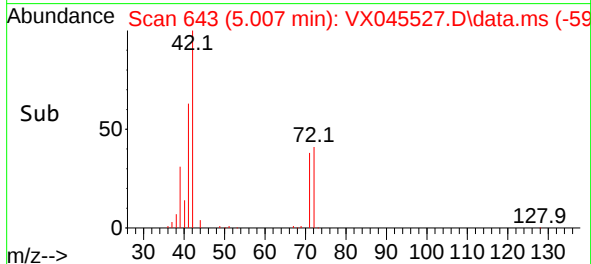
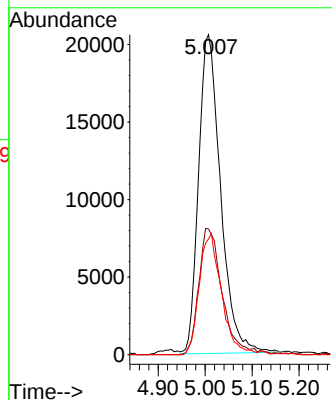
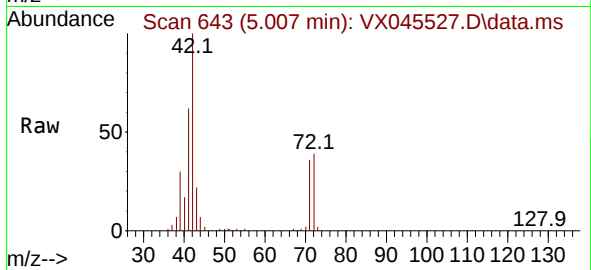
Tgt Ion: 42 Resp: 66994

Ion Ratio Lower Upper

42 100

72 42.1 33.4 50.0

71 38.2 31.4 47.0



#30

Chloroform

Concen: 20.646 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX045527.D

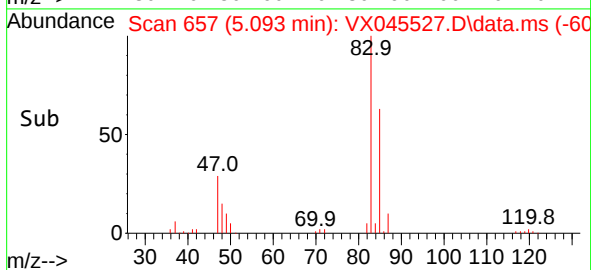
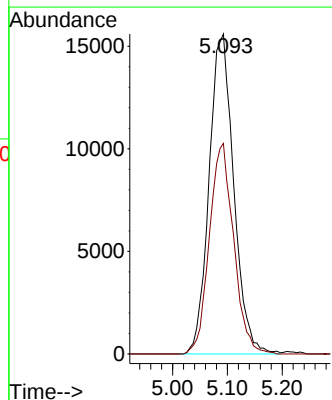
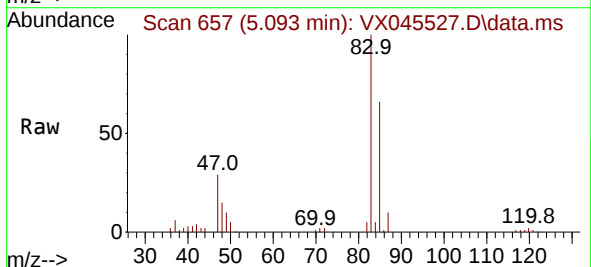
Acq: 01 Apr 2025 17:52

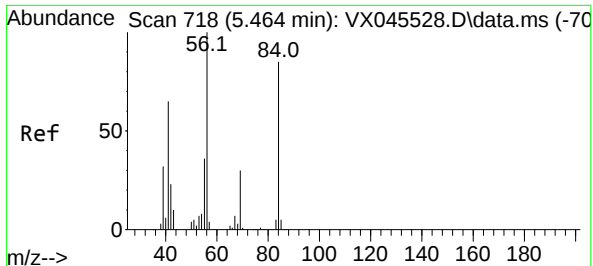
Tgt Ion: 83 Resp: 48639

Ion Ratio Lower Upper

83 100

85 65.8 52.8 79.2

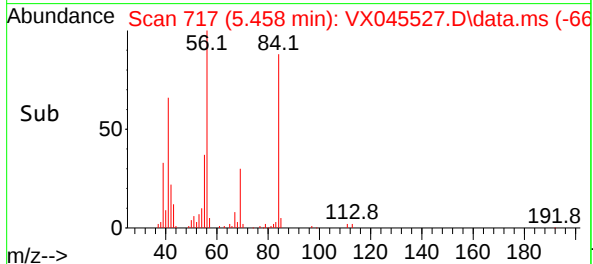
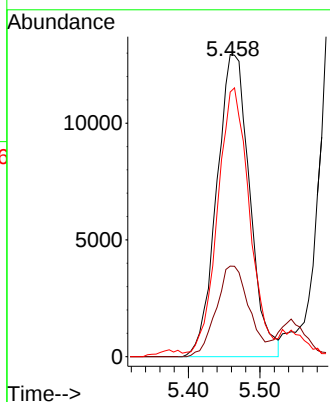
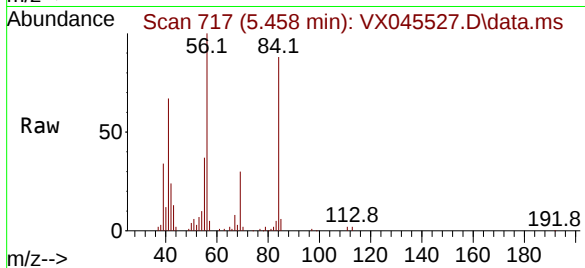




#31
Cyclohexane
Concen: 20.478 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

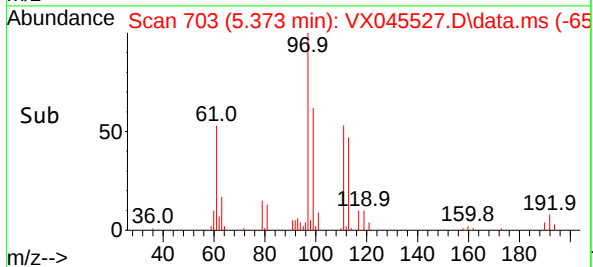
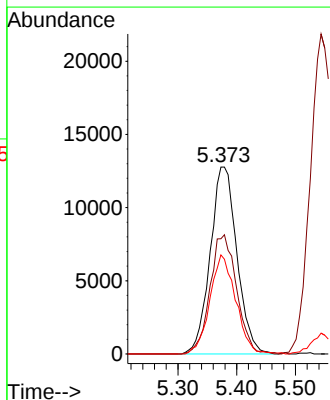
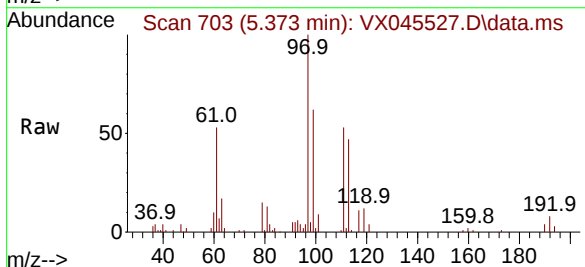
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 41450
Ion Ratio Lower Upper
56 100
69 30.0 23.6 35.4
84 85.5 67.7 101.5



#32
1,1,1-Trichloroethane
Concen: 20.270 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 97 Resp: 40407
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 51.3 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 19.697 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

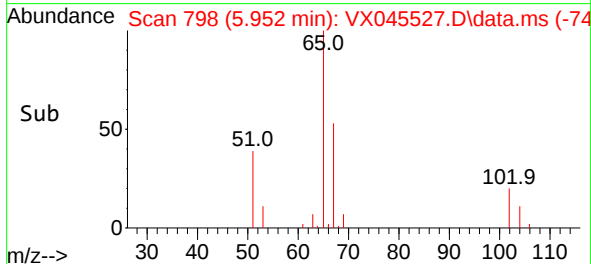
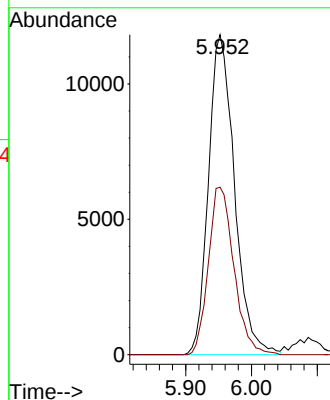
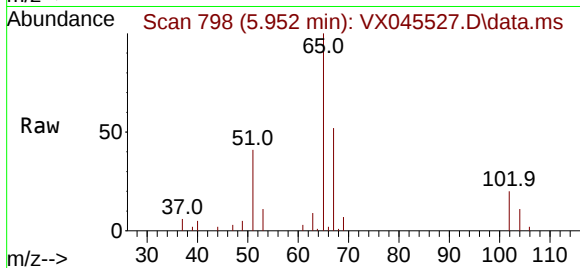
VSTDIC020

Tgt Ion: 65 Resp: 32500

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

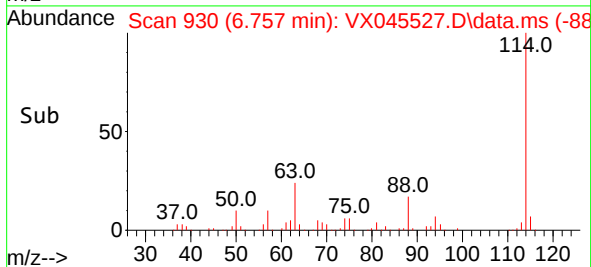
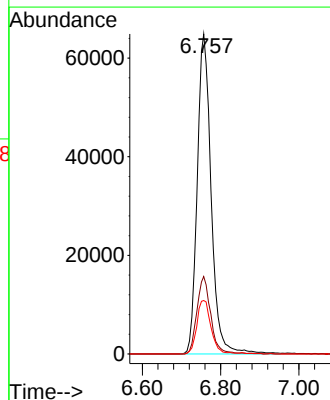
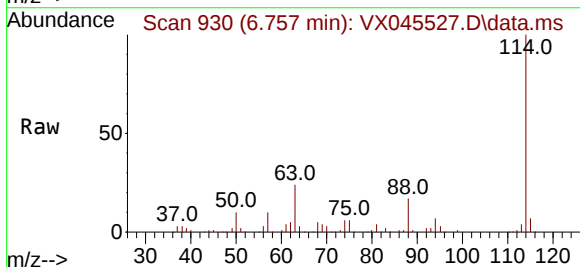
Tgt Ion: 114 Resp: 160754

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

88 16.7 0.0 35.4

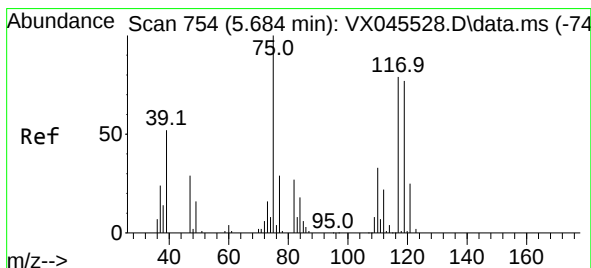
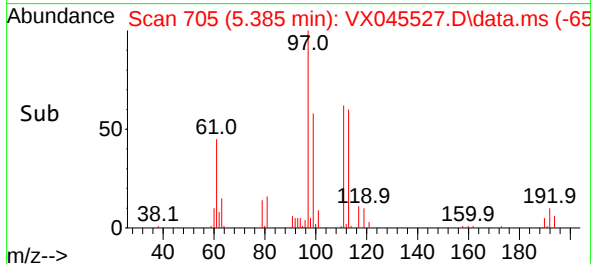
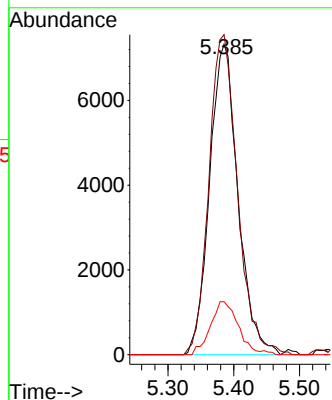
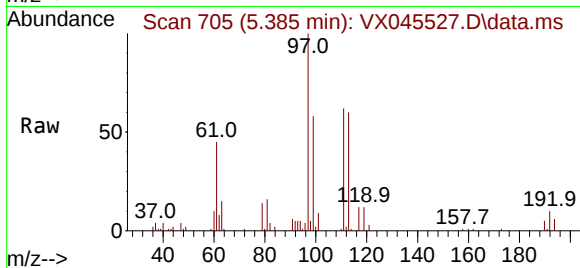




#35
Dibromofluoromethane
Concen: 19.256 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

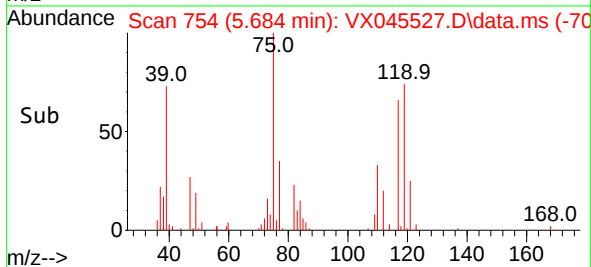
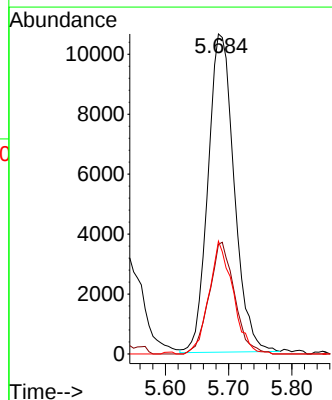
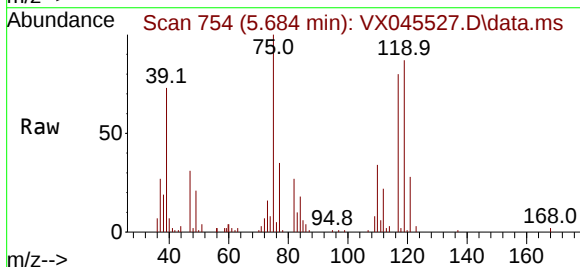
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

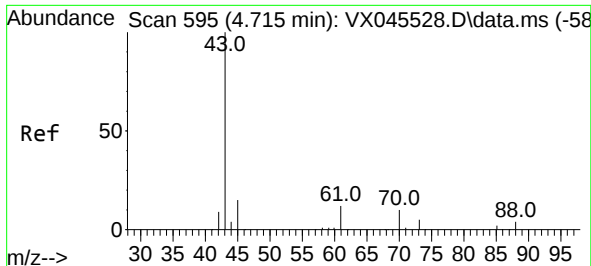
Tgt Ion:113 Resp: 21963
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 17.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 19.808 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 30504
Ion Ratio Lower Upper
75 100
110 34.0 16.9 50.6
77 32.7 25.0 37.4





#37

Ethyl Acetate

Concen: 20.180 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

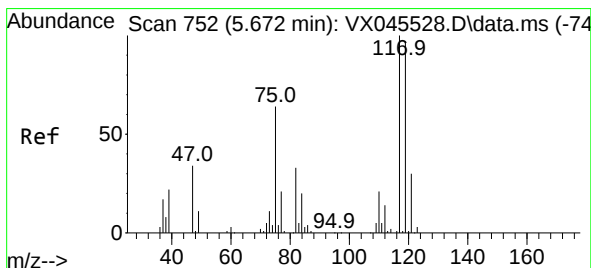
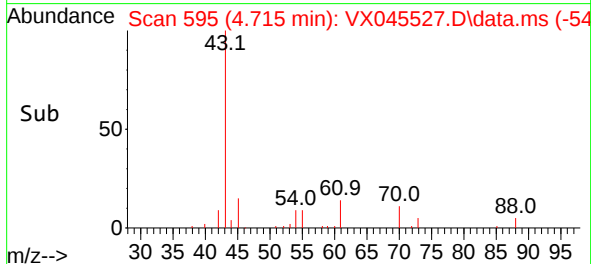
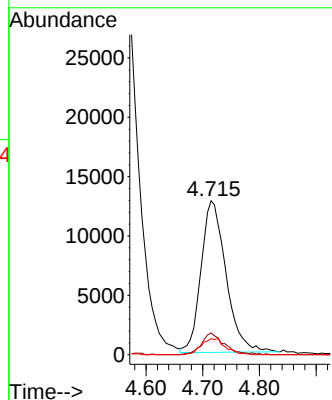
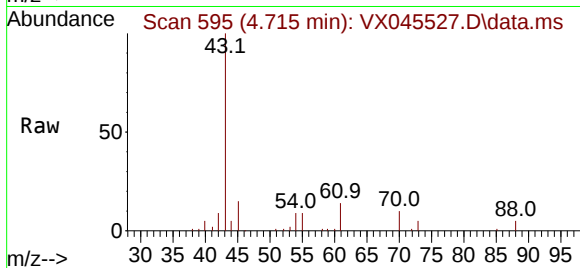
Tgt Ion: 43 Resp: 39163

Ion Ratio Lower Upper

43 100

61 13.1 9.9 14.9

70 10.1 7.5 11.3



#38

Carbon Tetrachloride

Concen: 20.148 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

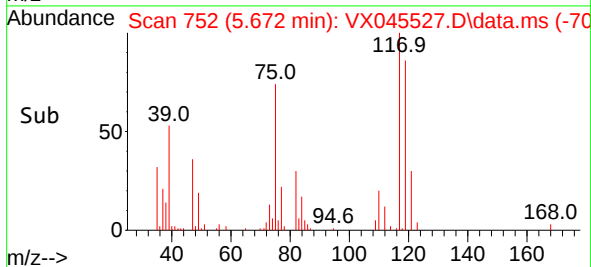
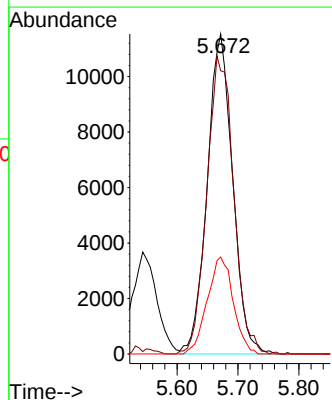
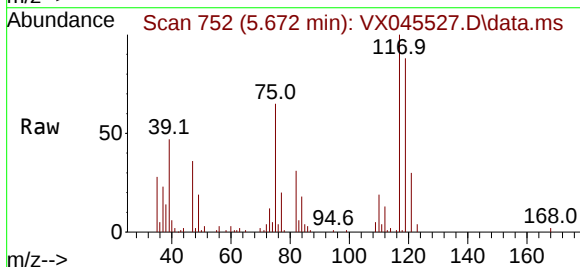
Tgt Ion: 117 Resp: 33533

Ion Ratio Lower Upper

117 100

119 88.5 76.9 115.3

121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 20.291 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

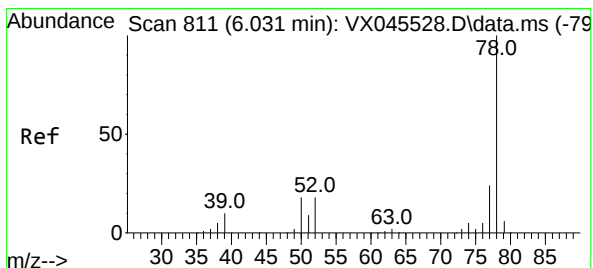
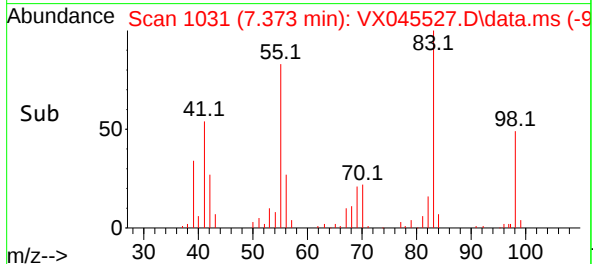
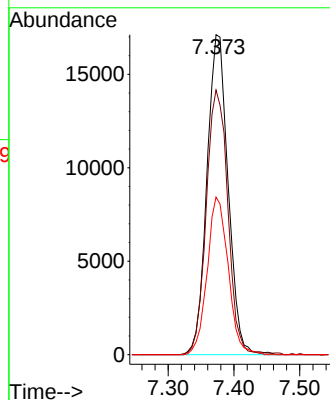
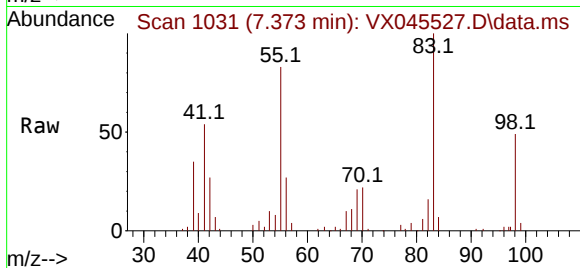
Tgt Ion: 83 Resp: 38303

Ion Ratio Lower Upper

83 100

55 82.7 64.9 97.3

98 49.2 37.4 56.0



#40

Benzene

Concen: 20.766 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045527.D

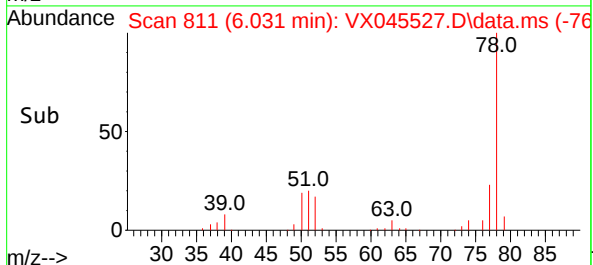
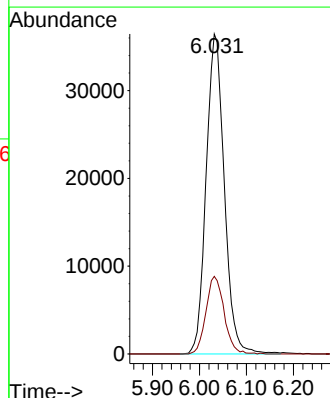
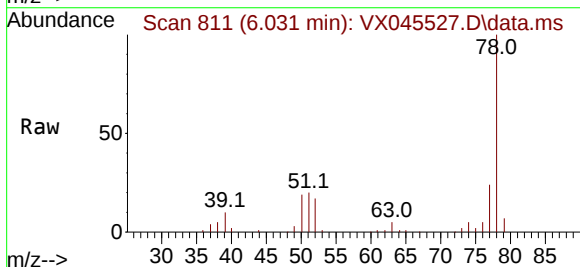
Acq: 01 Apr 2025 17:52

Tgt Ion: 78 Resp: 97667

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6



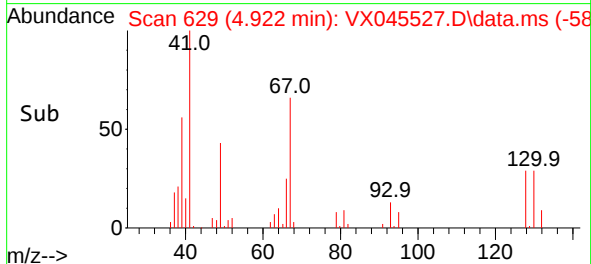
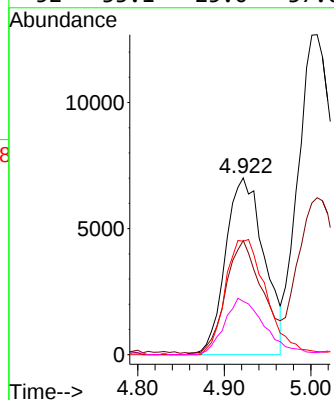
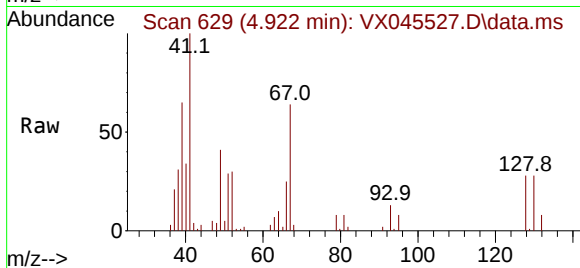


#41
Methacrylonitrile
Concen: 21.046 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 21740

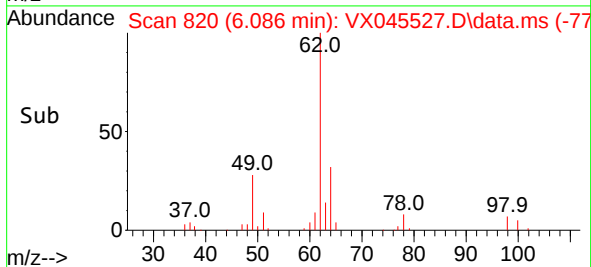
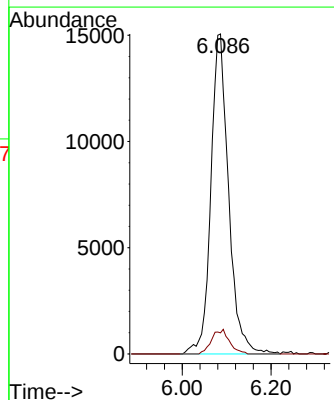
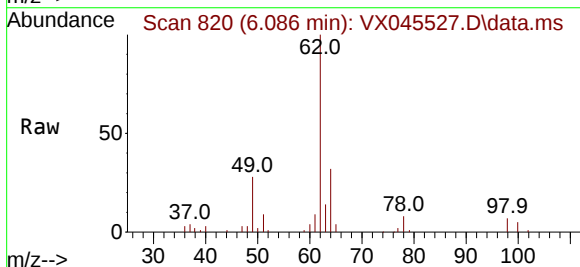
Ion	Ratio	Lower	Upper
41	100		
39	60.3	47.0	70.6
67	69.9	53.2	79.8
52	33.1	25.0	37.6



#42
1,2-Dichloroethane
Concen: 21.484 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 62 Resp: 41733

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2

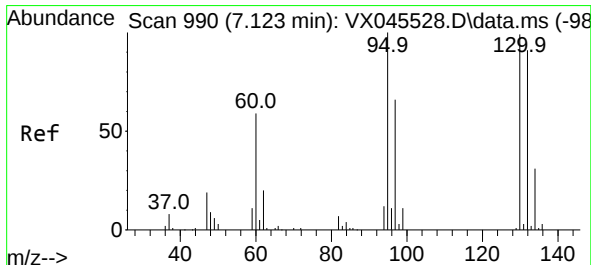
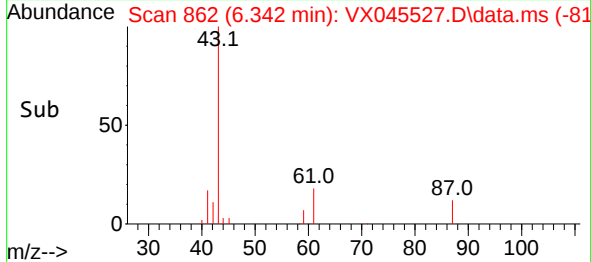
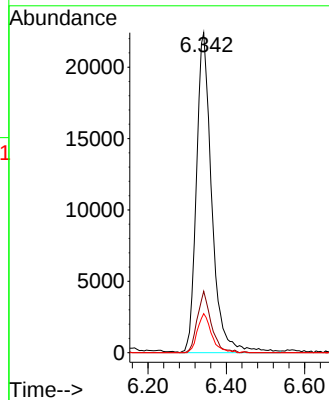
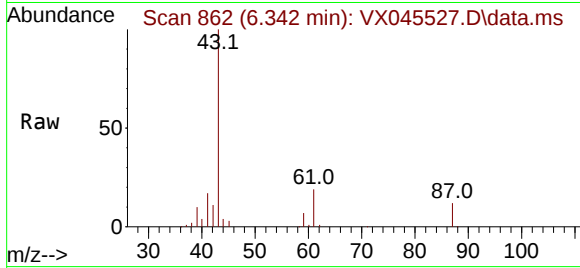




#43
Isopropyl Acetate
Concen: 20.814 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

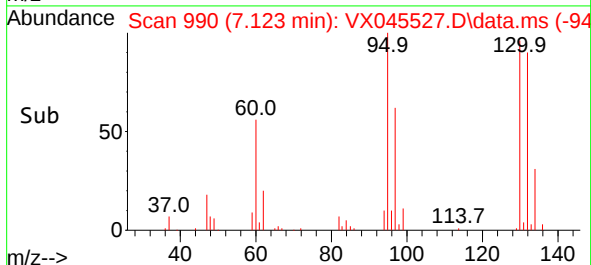
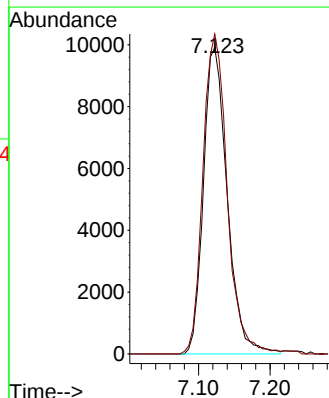
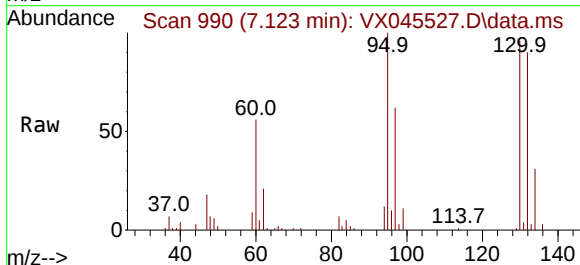
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

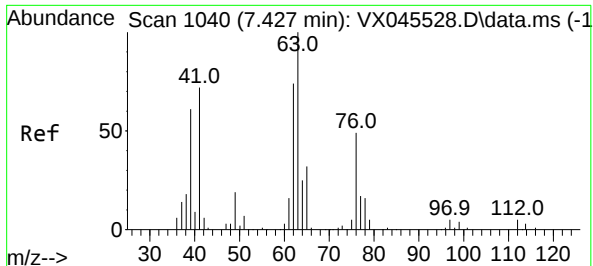
Tgt Ion: 43 Resp: 61222
Ion Ratio Lower Upper
43 100
61 17.3 14.1 21.1
87 11.2 9.2 13.8



#44
Trichloroethene
Concen: 20.501 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 130 Resp: 22918
Ion Ratio Lower Upper
130 100
95 104.4 0.0 202.0





#45

1,2-Dichloropropane

Concen: 21.241 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

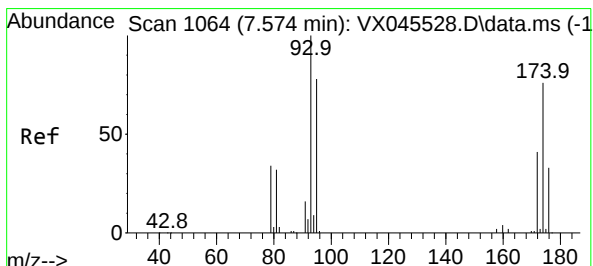
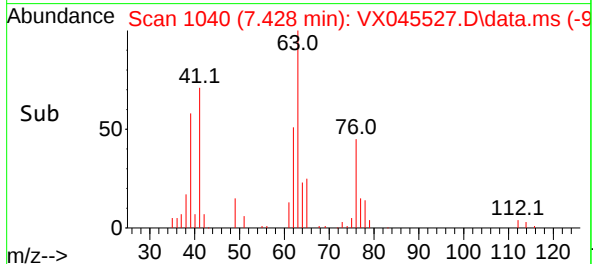
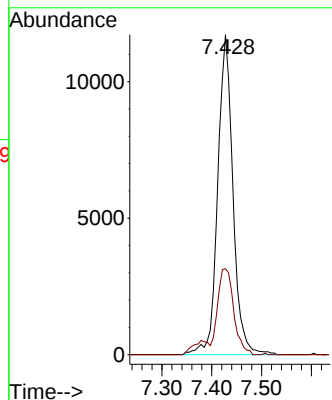
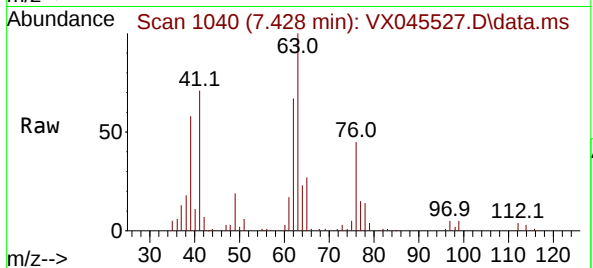
VSTDICC020

Tgt Ion: 63 Resp: 24926

Ion Ratio Lower Upper

63 100

65 26.9 25.8 38.6



#46

Dibromomethane

Concen: 21.207 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

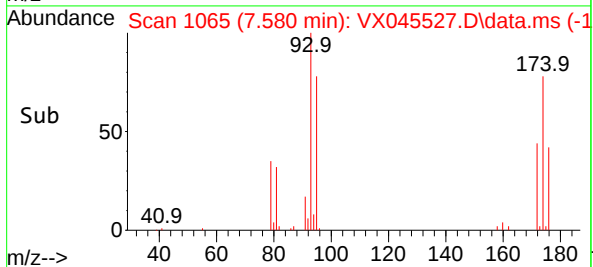
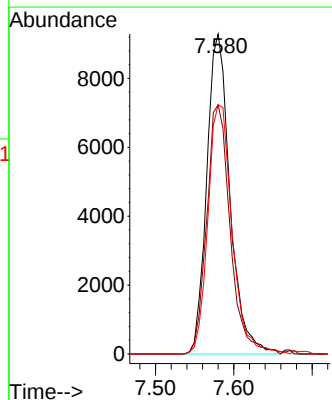
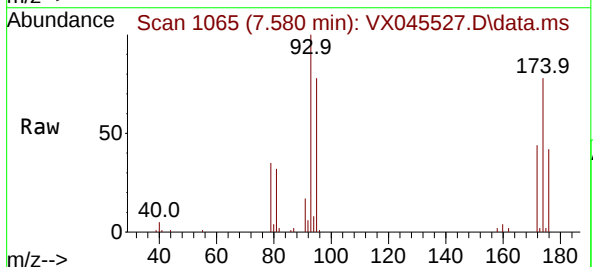
Tgt Ion: 93 Resp: 19104

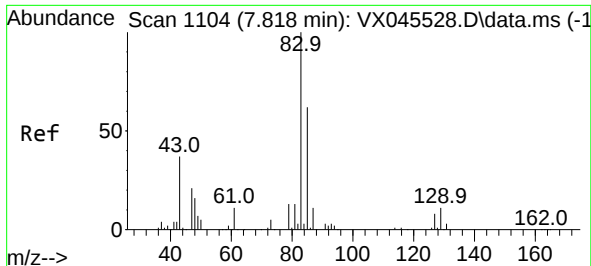
Ion Ratio Lower Upper

93 100

95 79.2 64.8 97.2

174 81.1 65.4 98.0

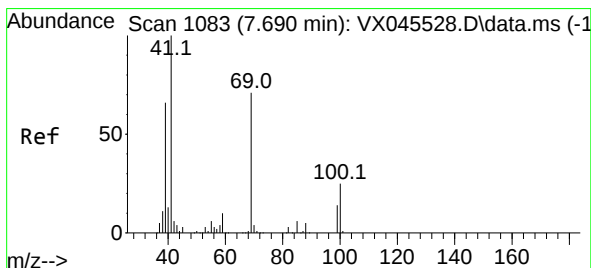
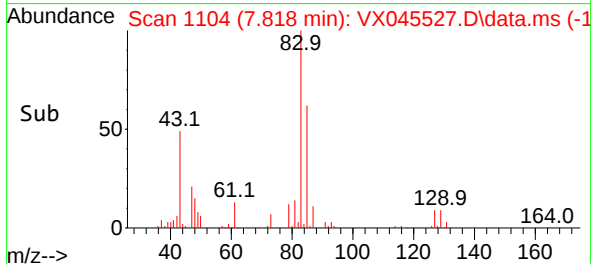
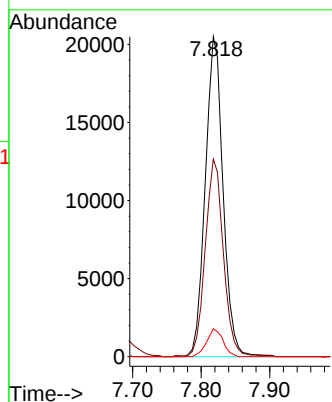
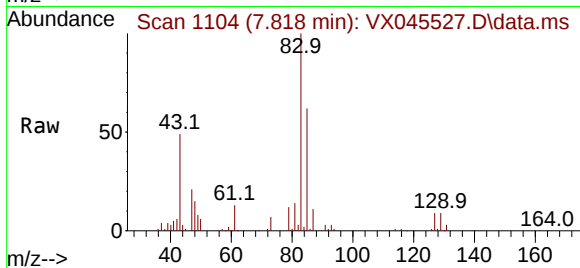




#47
Bromodichloromethane
Concen: 20.587 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

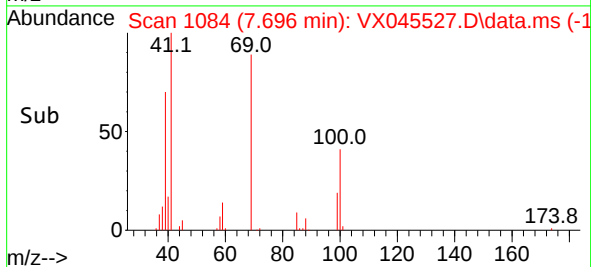
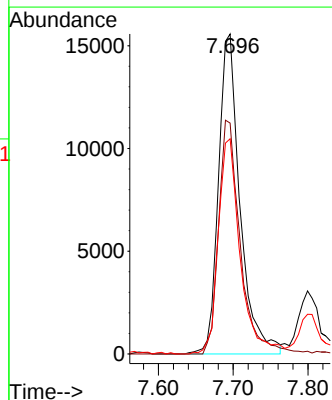
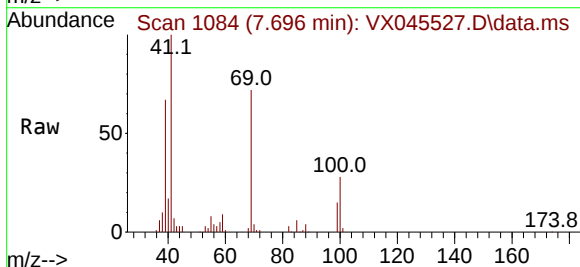
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

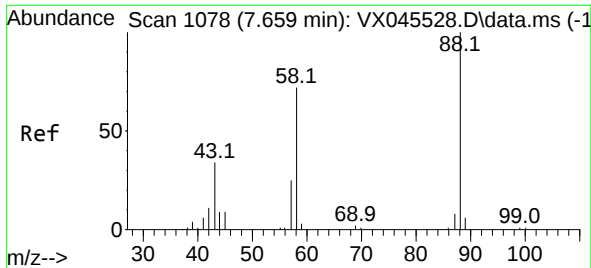
Tgt Ion: 83 Resp: 37036
Ion Ratio Lower Upper
83 100
85 61.7 49.7 74.5
127 8.7 6.1 9.1



#48
Methyl methacrylate
Concen: 20.575 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 41 Resp: 31247
Ion Ratio Lower Upper
41 100
69 73.4 58.2 87.2
39 68.7 53.6 80.4

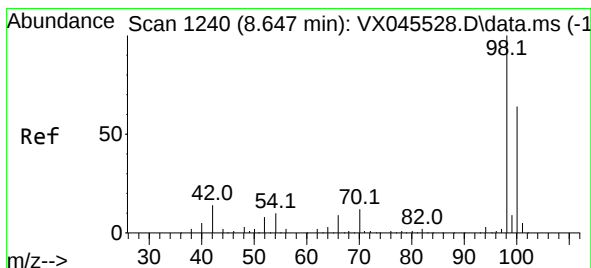
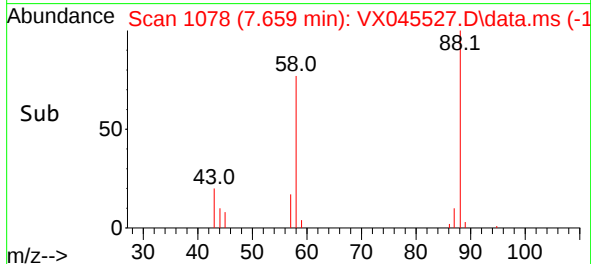
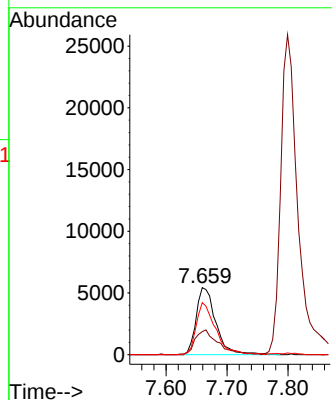
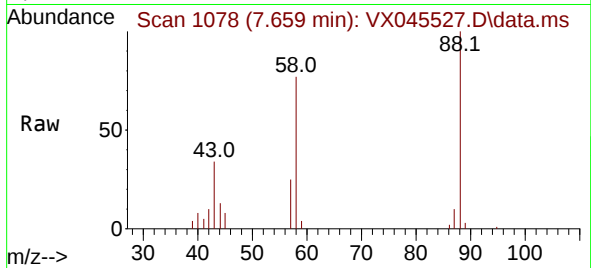




#49
1,4-Dioxane
Concen: 440.515 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

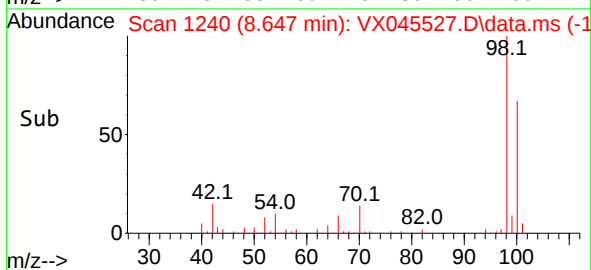
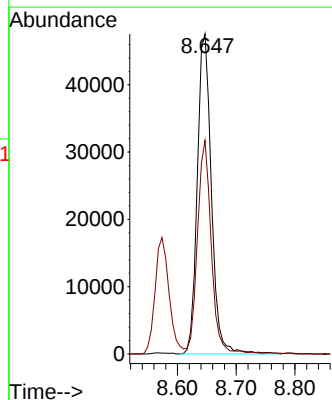
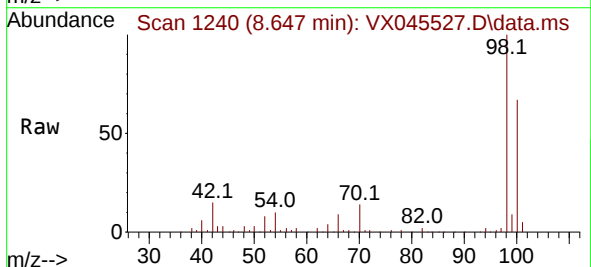
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

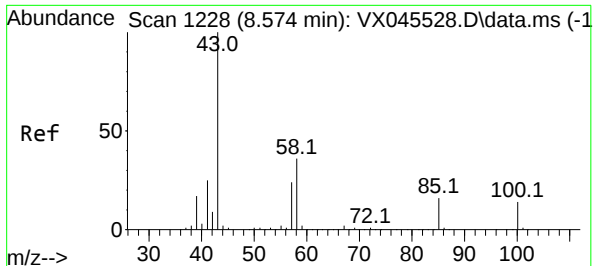
Tgt Ion: 88 Resp: 12104
Ion Ratio Lower Upper
88 100
43 43.5 32.2 48.4
58 76.4 58.6 88.0



#50
Toluene-d8
Concen: 19.921 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 98 Resp: 79303
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

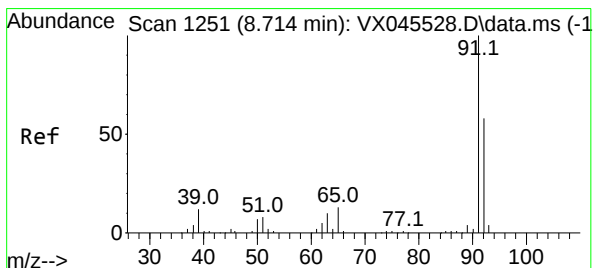
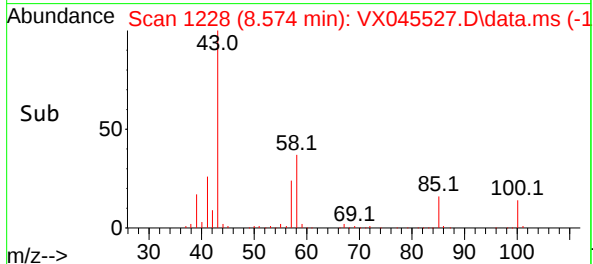
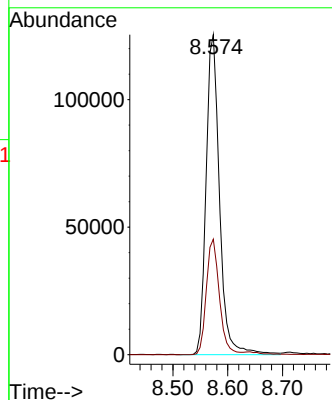
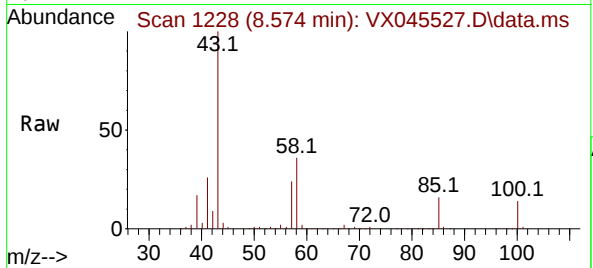




#51
4-Methyl-2-Pentanone
Concen: 109.055 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

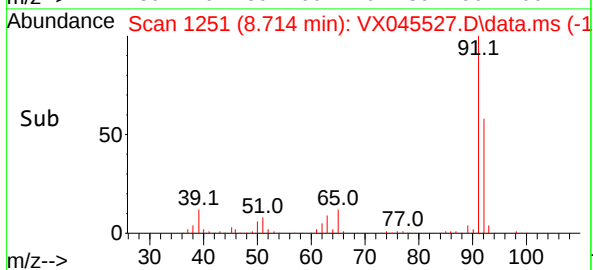
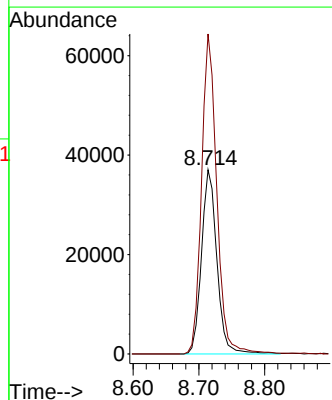
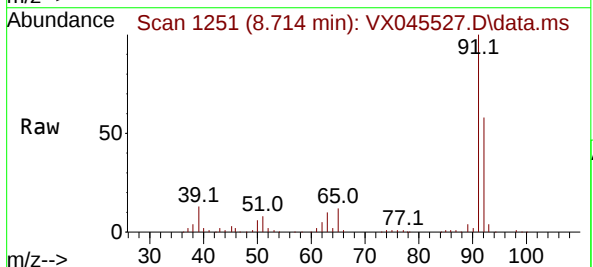
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 212645
Ion Ratio Lower Upper
43 100
58 35.2 28.5 42.7



#52
Toluene
Concen: 21.208 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 92 Resp: 60357
Ion Ratio Lower Upper
92 100
91 171.6 138.7 208.1

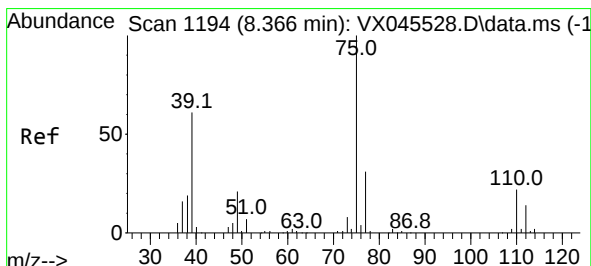
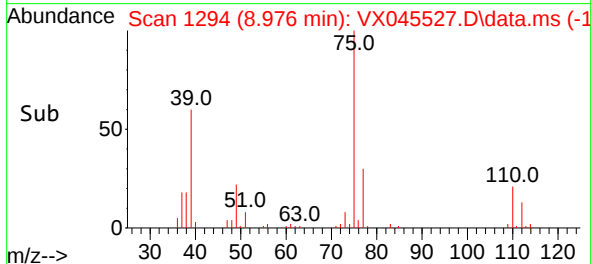
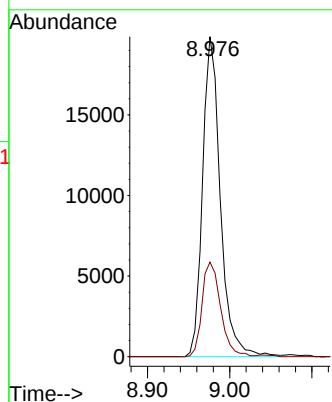
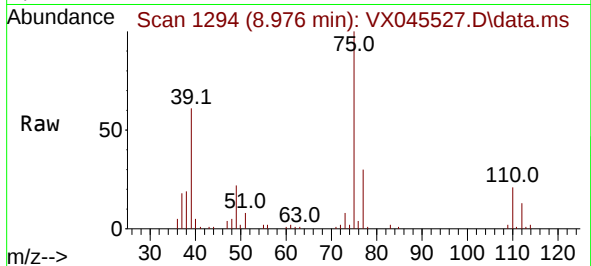




#53
 t-1,3-Dichloropropene
 Concen: 18.764 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

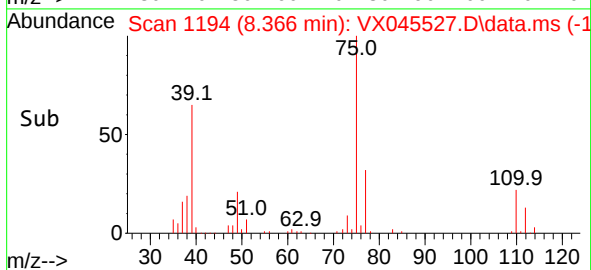
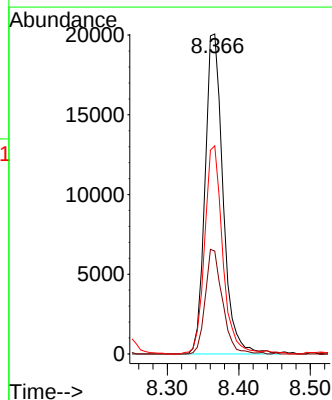
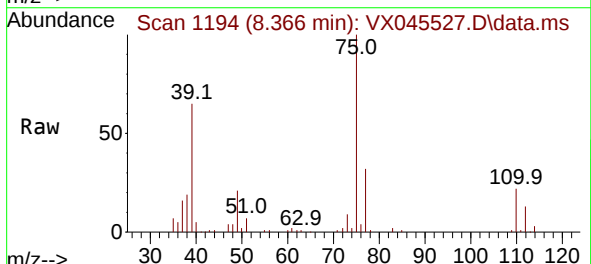
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

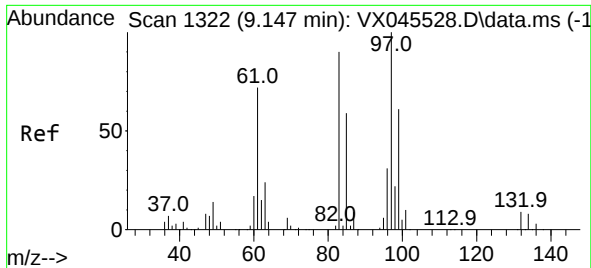
Tgt Ion: 75 Resp: 29870
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.762 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 35099
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8
 39 65.0 48.4 72.6

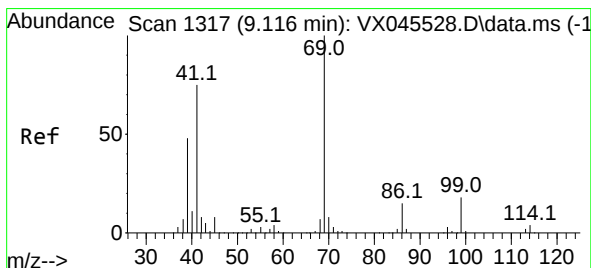
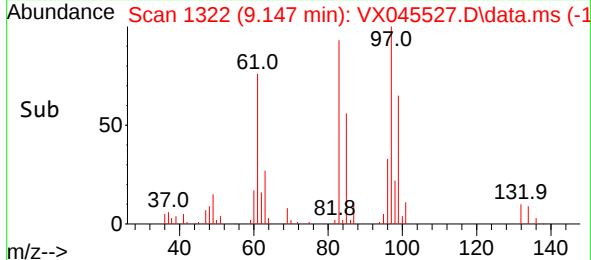
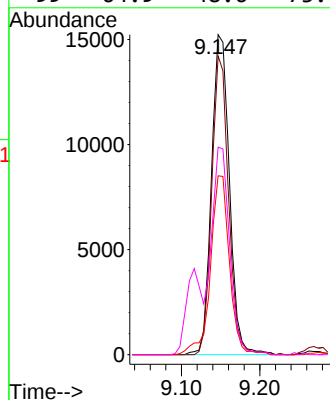
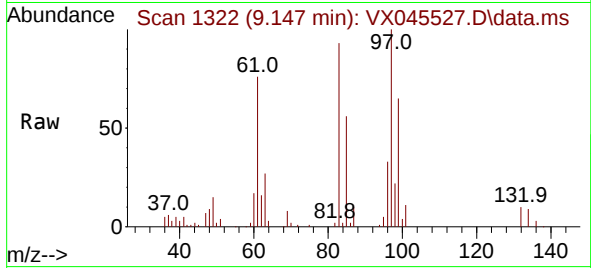




#55
1,1,2-Trichloroethane
Concen: 21.331 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

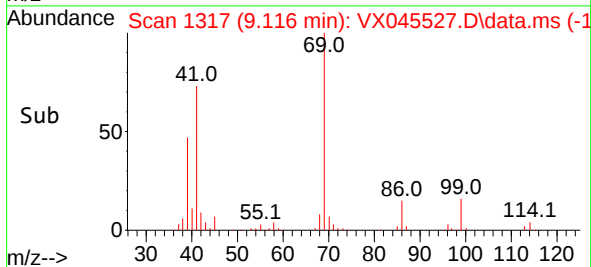
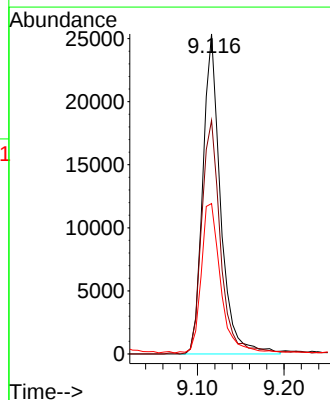
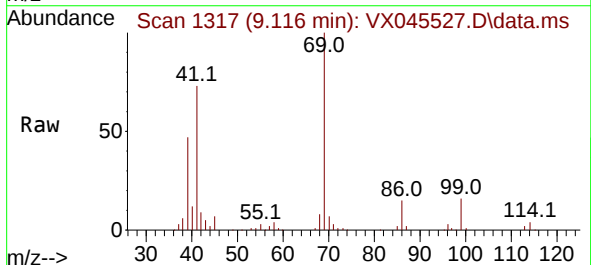
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

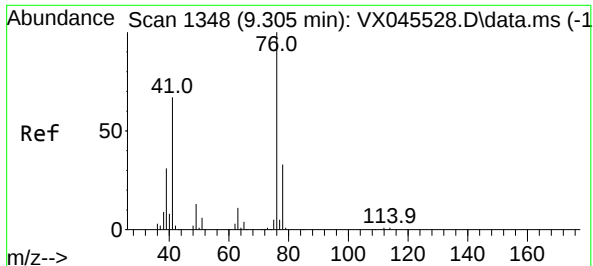
Tgt Ion:	97	Resp:	24191
Ion	Ratio	Lower	Upper
97	100		
83	93.4	71.8	107.8
85	55.9	47.0	70.6
99	64.9	48.6	73.0



#56
Ethyl methacrylate
Concen: 20.600 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:	69	Resp:	36155
Ion	Ratio	Lower	Upper
69	100		
41	77.4	61.3	91.9
39	51.5	40.2	60.2





#57

1,3-Dichloropropane

Concen: 21.217 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

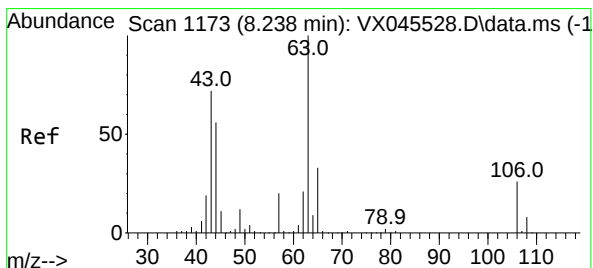
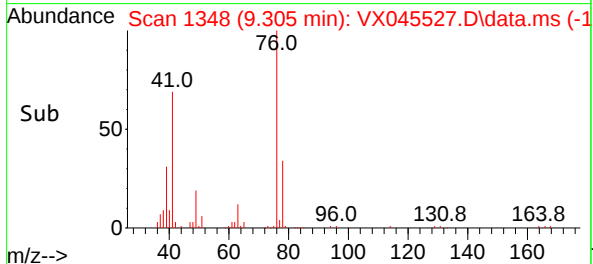
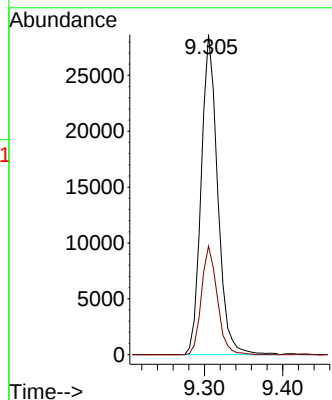
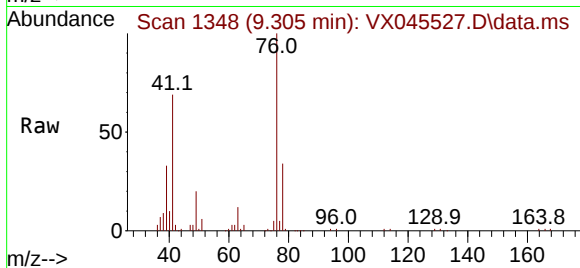
VSTDICC020

Tgt Ion: 76 Resp: 41900

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 103.534 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045527.D

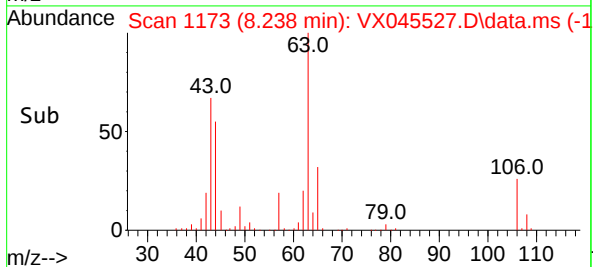
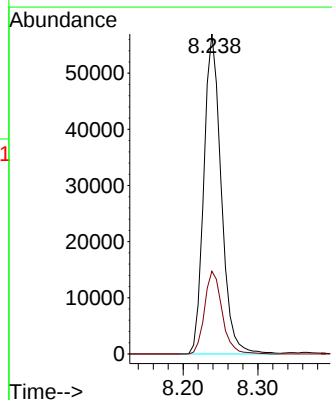
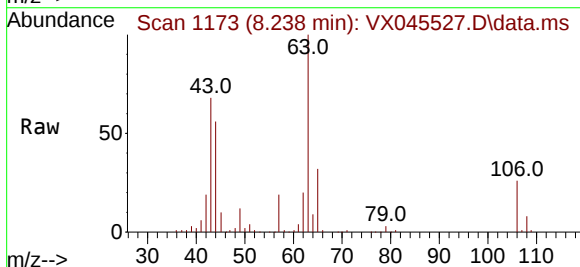
Acq: 01 Apr 2025 17:52

Tgt Ion: 63 Resp: 91923

Ion Ratio Lower Upper

63 100

106 26.1 21.0 31.6





#59

2-Hexanone

Concen: 108.730 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

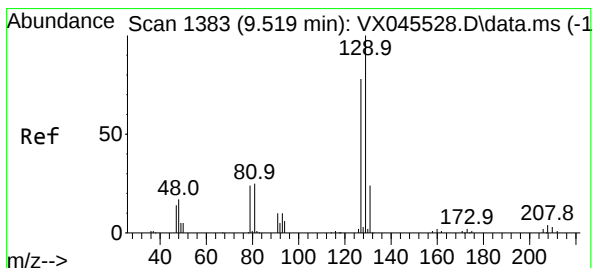
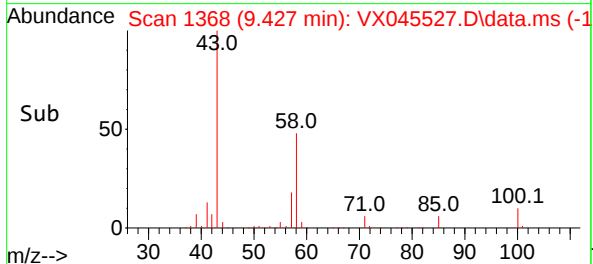
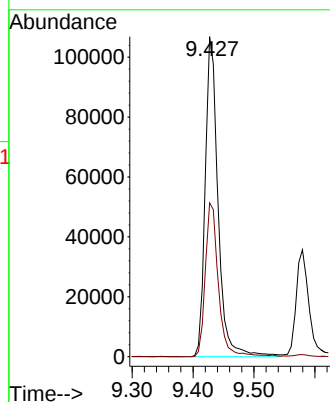
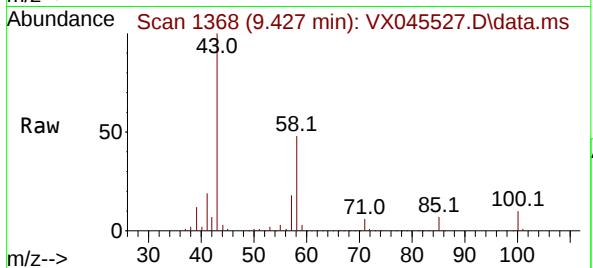
VSTDIC020

Tgt Ion: 43 Resp: 156999

Ion Ratio Lower Upper

43 100

58 49.1 24.9 74.6



#60

Dibromochloromethane

Concen: 21.023 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045527.D

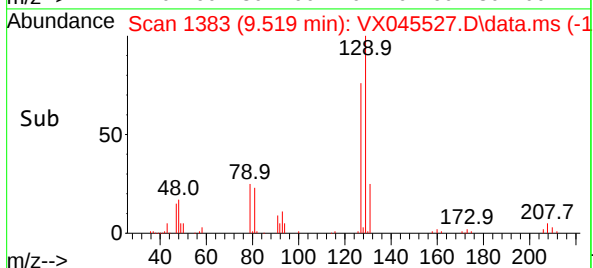
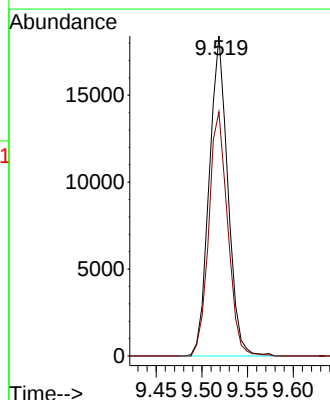
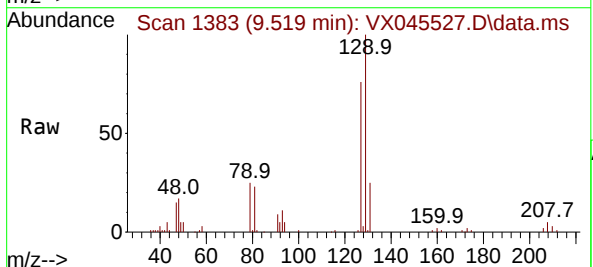
Acq: 01 Apr 2025 17:52

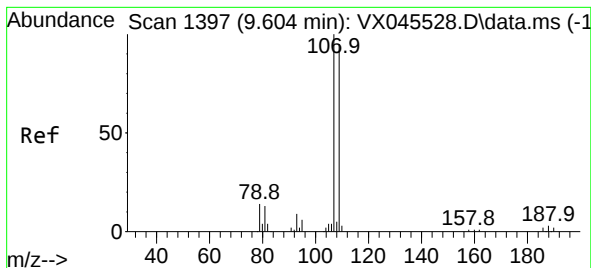
Tgt Ion: 129 Resp: 25992

Ion Ratio Lower Upper

129 100

127 77.3 39.4 118.2

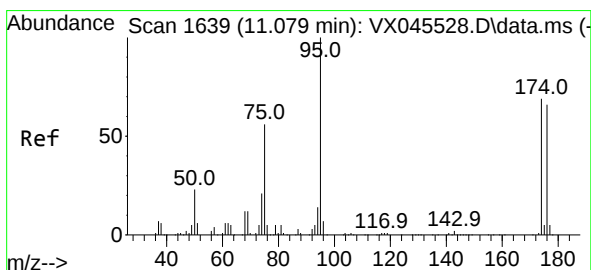
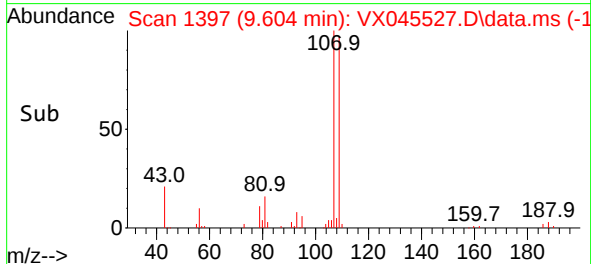
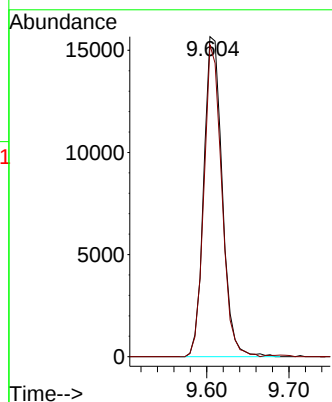
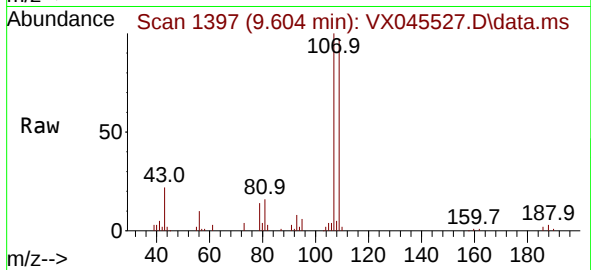




#61
1,2-Dibromoethane
Concen: 21.303 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

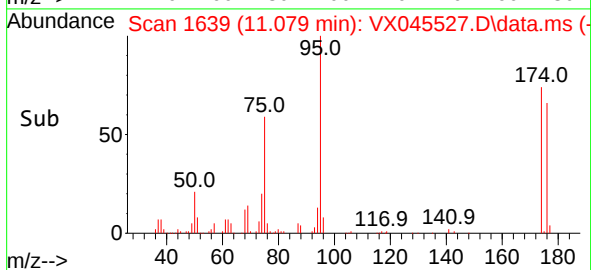
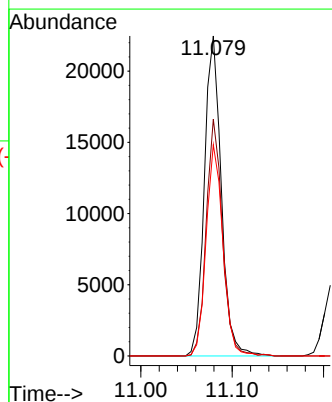
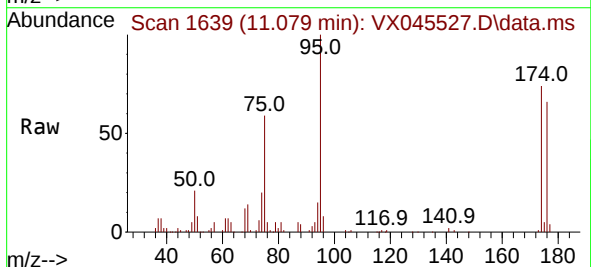
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 24456
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 19.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 95 Resp: 28795
Ion Ratio Lower Upper
95 100
174 71.1 0.0 135.8
176 65.8 0.0 131.4

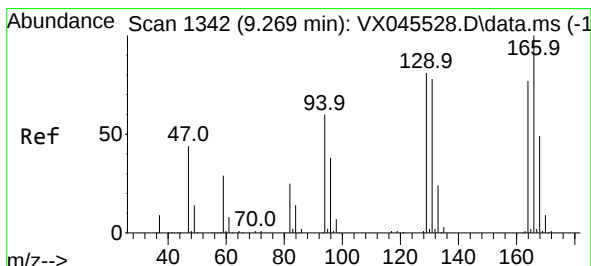
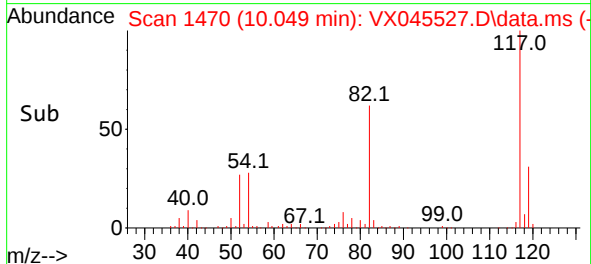
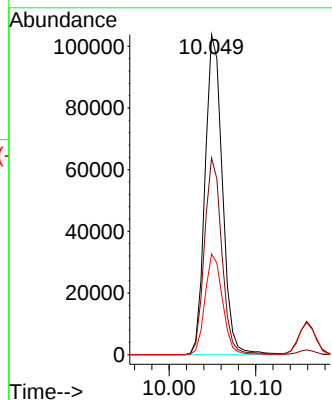
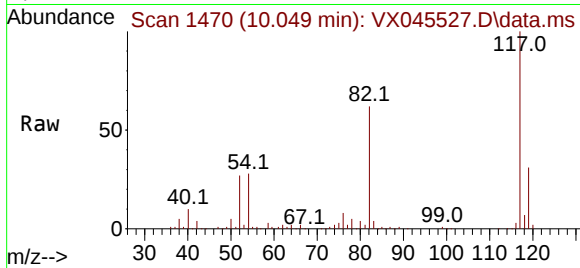




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

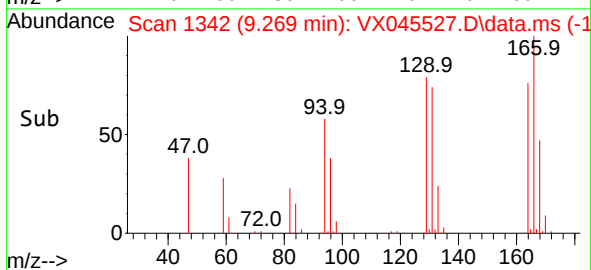
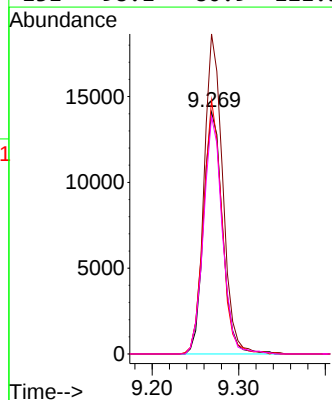
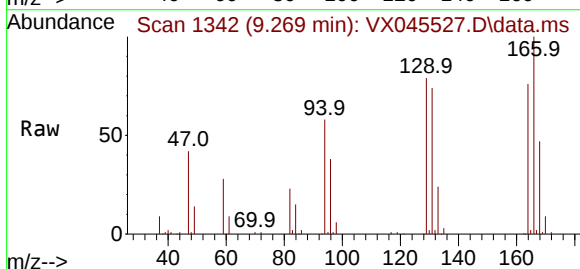
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 144087
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 31.5 25.1 37.7



#64
Tetrachloroethene
Concen: 21.015 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:164 Resp: 21379
Ion Ratio Lower Upper
164 100
166 132.2 103.8 155.8
129 104.9 84.3 126.5
131 98.1 80.9 121.3





#65

Chlorobenzene

Concen: 21.023 ug/l

RT: 10.079 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

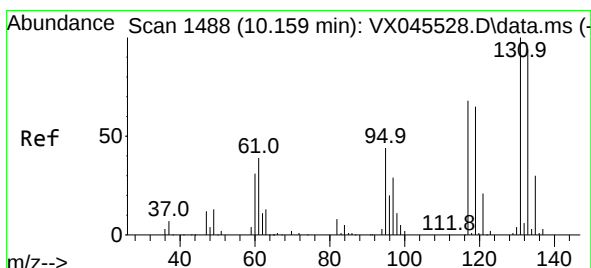
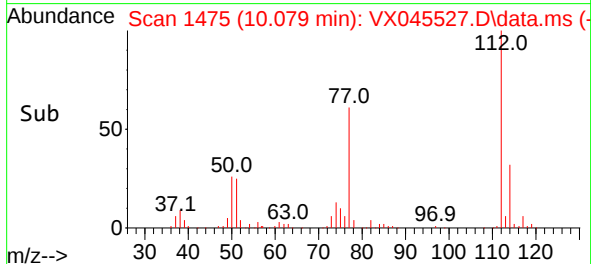
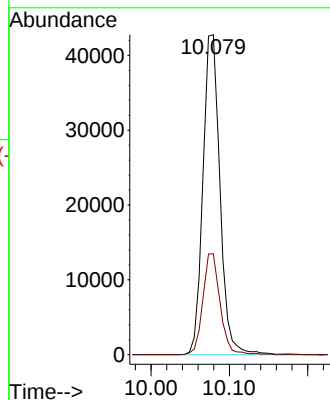
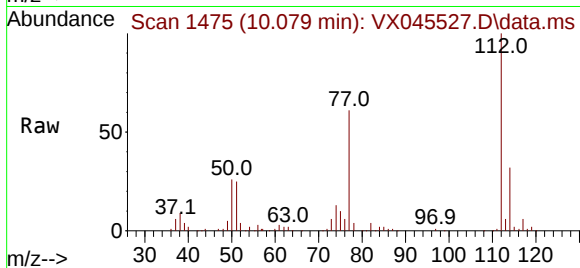
VSTDIC020

Tgt Ion:112 Resp: 64727

Ion Ratio Lower Upper

112 100

114 31.6 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.064 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

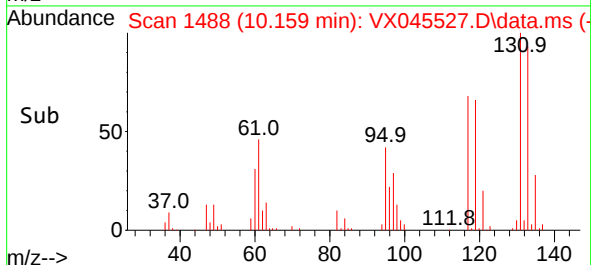
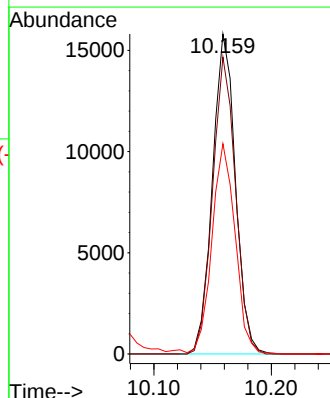
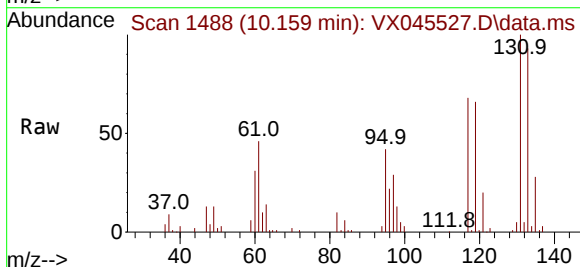
Tgt Ion:131 Resp: 21447

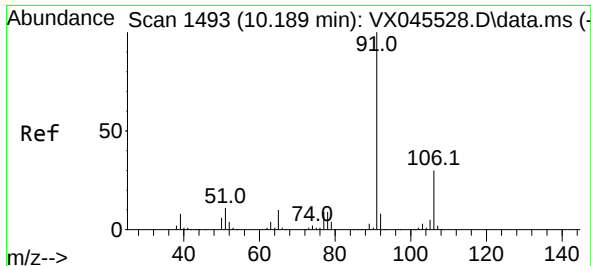
Ion Ratio Lower Upper

131 100

133 92.8 47.5 142.5

119 66.3 32.9 98.6





#67

Ethyl Benzene

Concen: 20.921 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

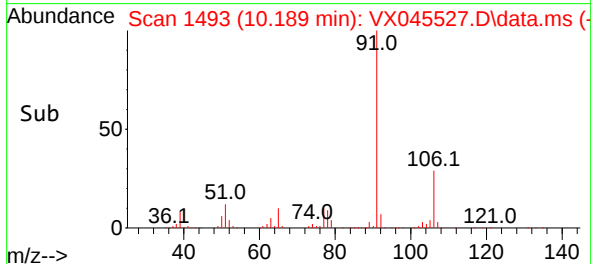
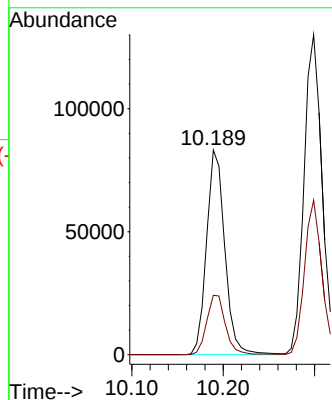
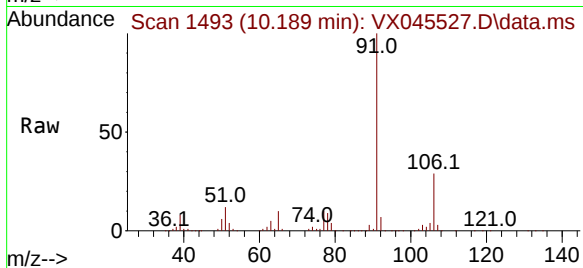
VSTDICC020

Tgt Ion: 91 Resp: 115368

Ion Ratio Lower Upper

91 100

106 29.0 23.7 35.5



#68

m/p-Xylenes

Concen: 42.092 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045527.D

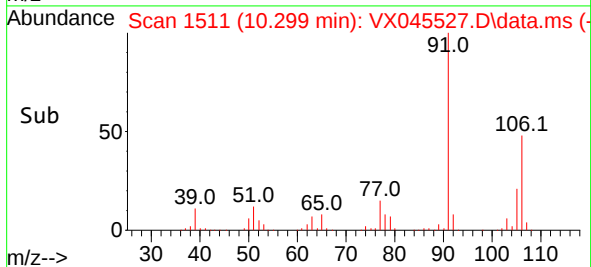
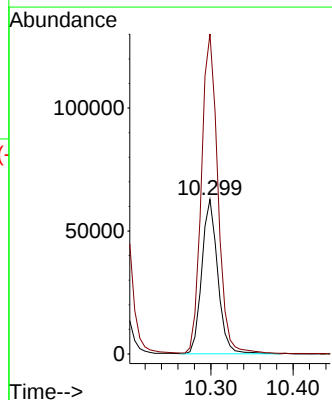
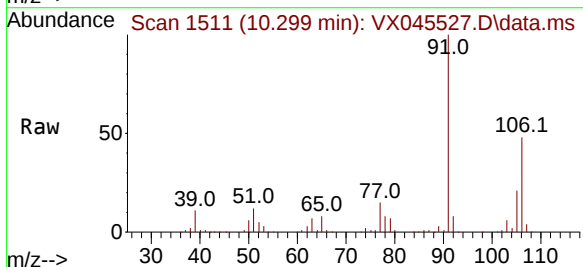
Acq: 01 Apr 2025 17:52

Tgt Ion:106 Resp: 84420

Ion Ratio Lower Upper

106 100

91 214.4 172.6 258.8

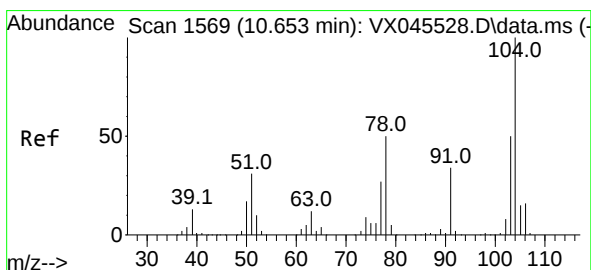
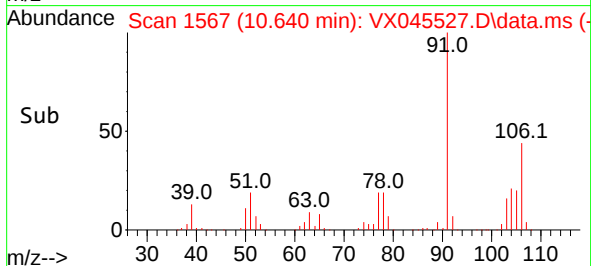
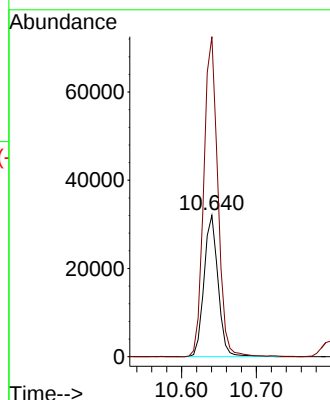
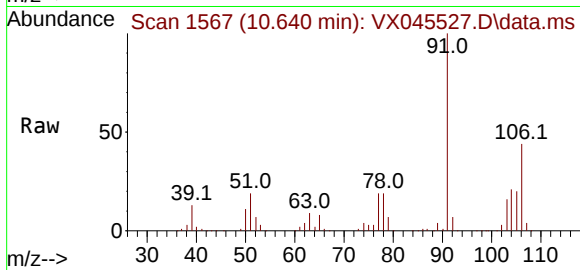




#69
o-Xylene
Concen: 21.158 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

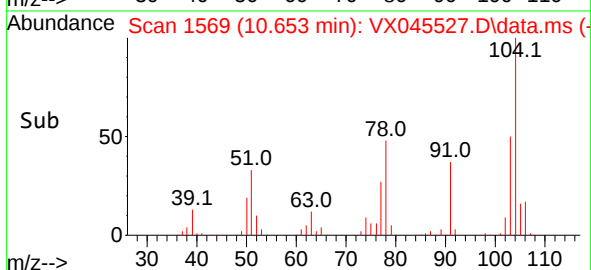
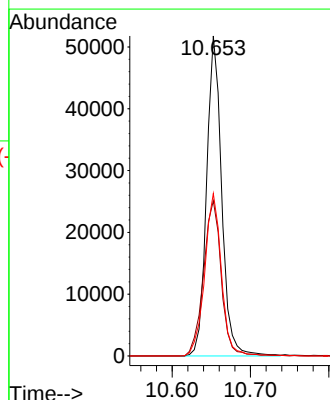
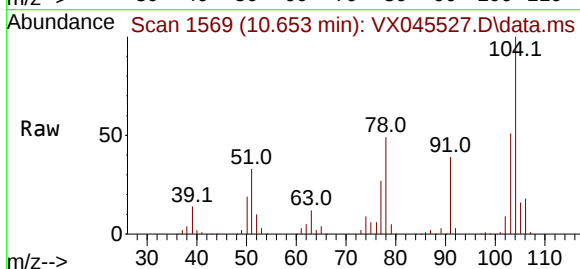
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 41803
Ion Ratio Lower Upper
106 100
91 226.9 113.6 340.6



#70
Styrene
Concen: 21.249 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:104 Resp: 69290
Ion Ratio Lower Upper
104 100
78 57.0 45.4 68.2
103 56.5 43.8 65.8





#71

Bromoform

Concen: 19.619 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

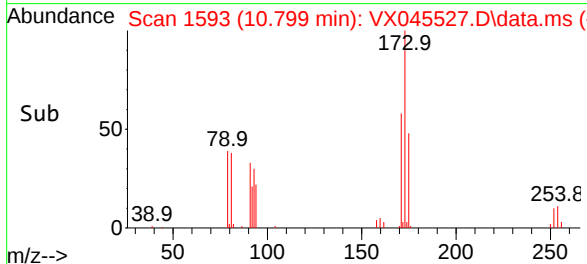
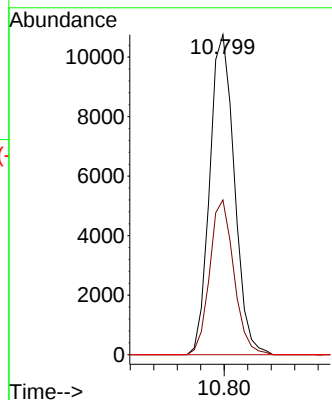
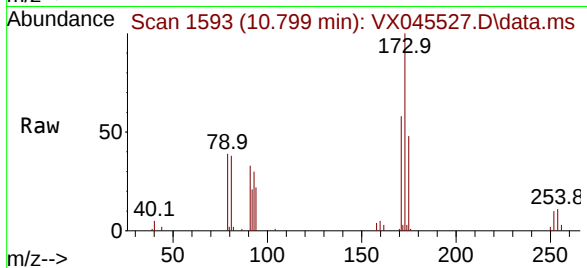
Tgt Ion:173 Resp: 15659

Ion Ratio Lower Upper

173 100

175 47.5 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

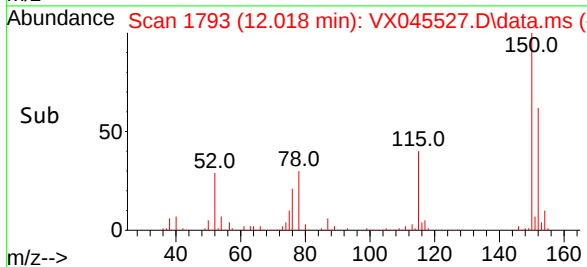
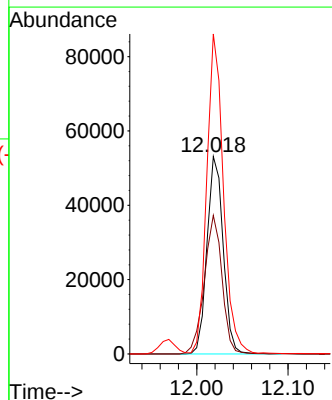
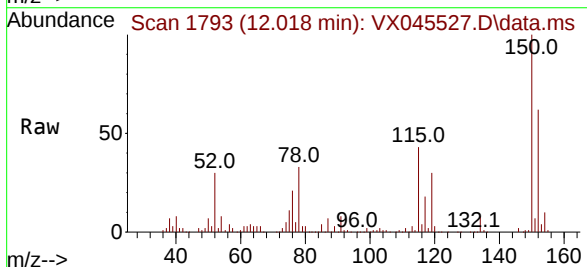
Tgt Ion:152 Resp: 65341

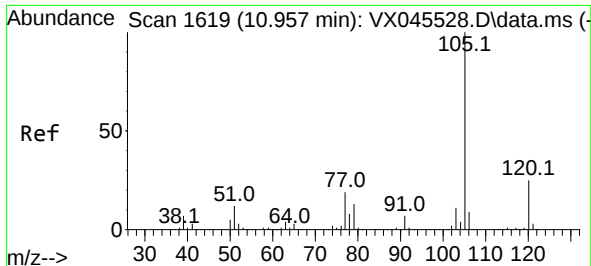
Ion Ratio Lower Upper

152 100

115 76.8 46.9 140.7

150 166.0 0.0 349.4

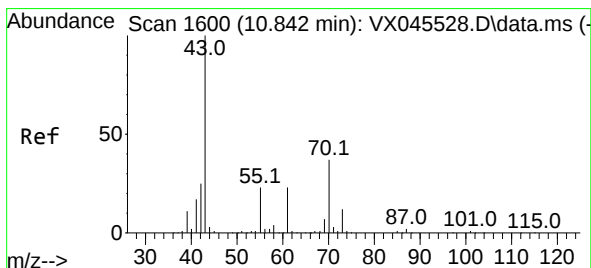
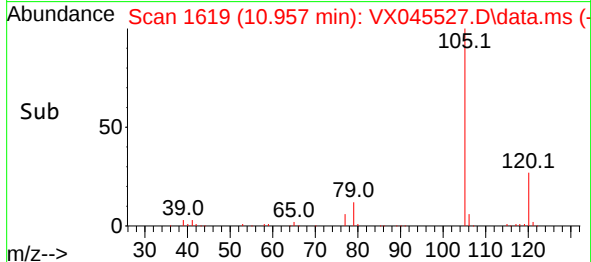
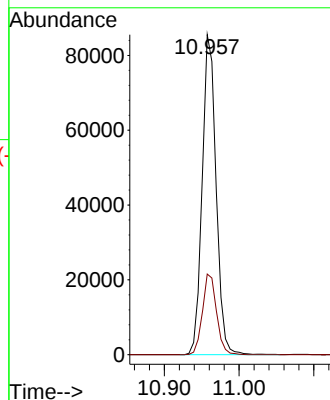
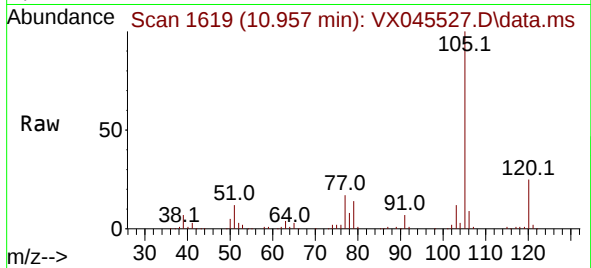




#73
Isopropylbenzene
Concen: 21.093 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

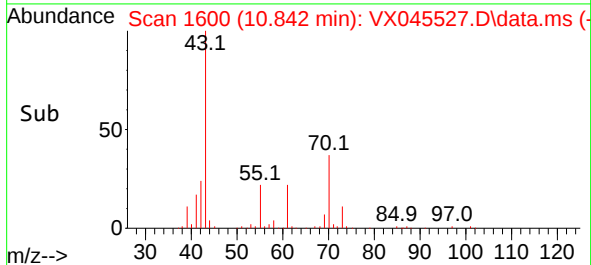
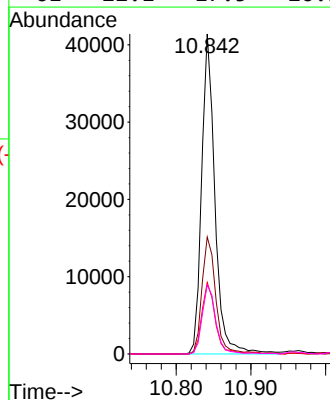
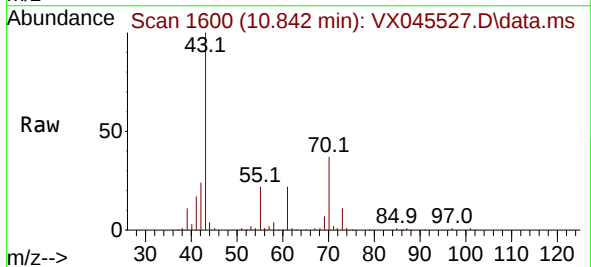
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 110396
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0



#74
N-ethyl acetate
Concen: 20.466 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 51238
Ion Ratio Lower Upper
43 100
70 38.1 30.1 45.1
55 22.5 18.3 27.5
61 22.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.764 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

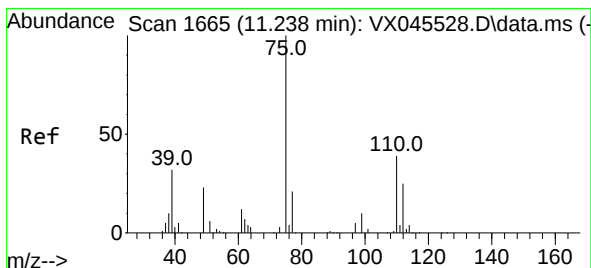
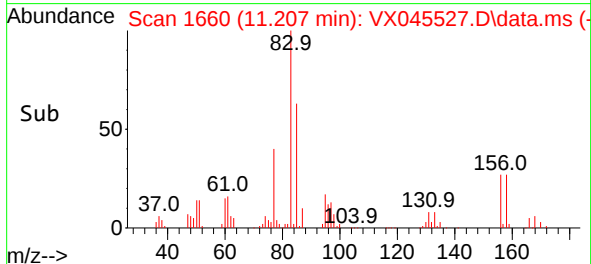
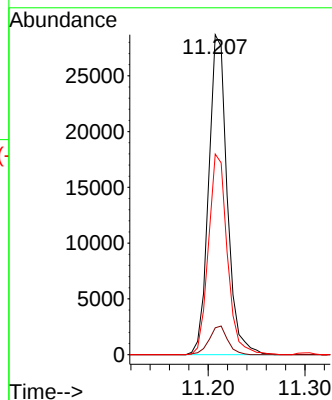
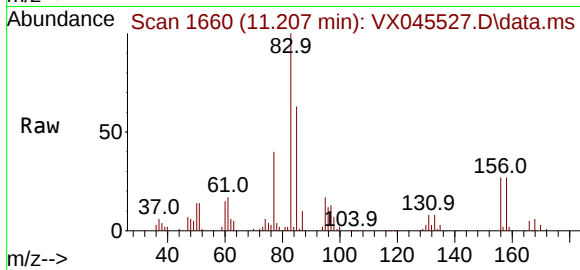
Tgt Ion: 83 Resp: 38177

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.1

85 63.7 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 25.357 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045527.D

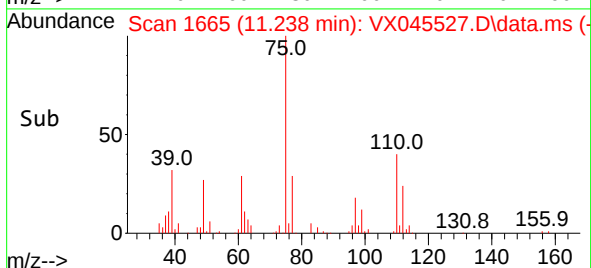
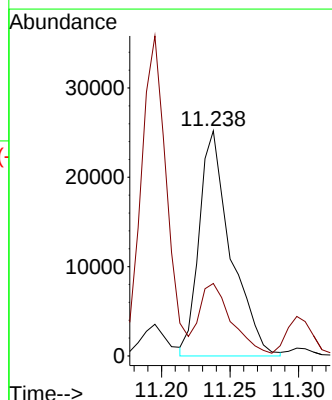
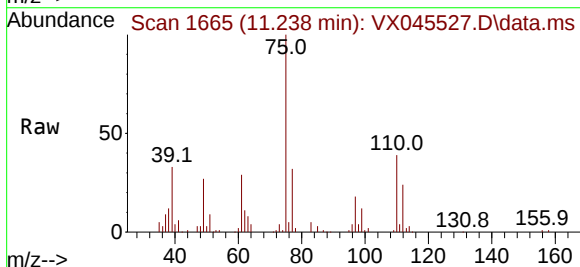
Acq: 01 Apr 2025 17:52

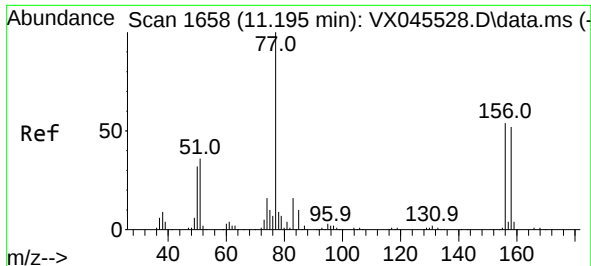
Tgt Ion: 75 Resp: 40414

Ion Ratio Lower Upper

75 100

77 33.3 20.0 59.9

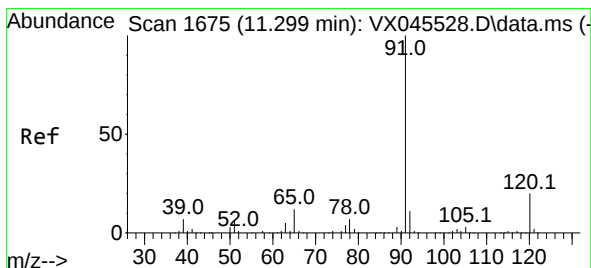
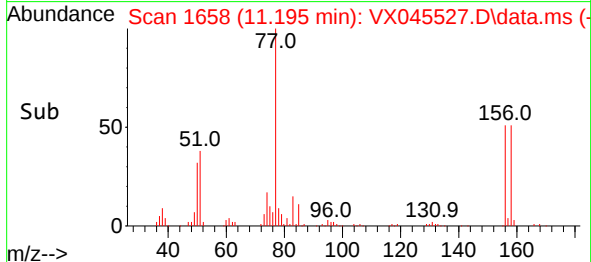
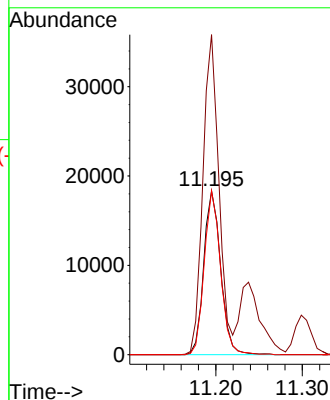
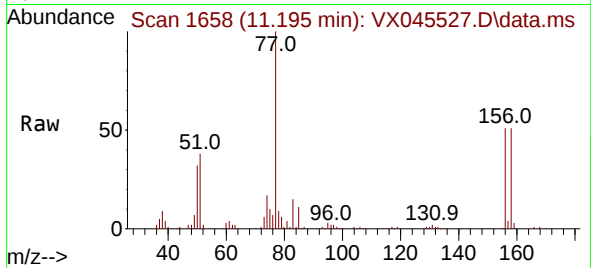




#77
Bromobenzene
Concen: 20.592 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

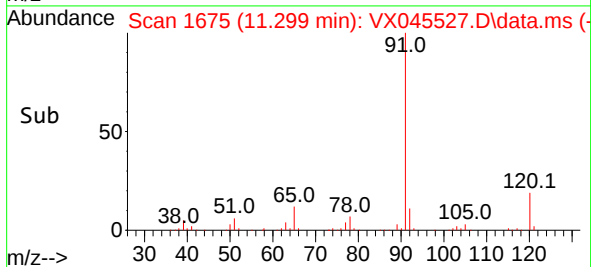
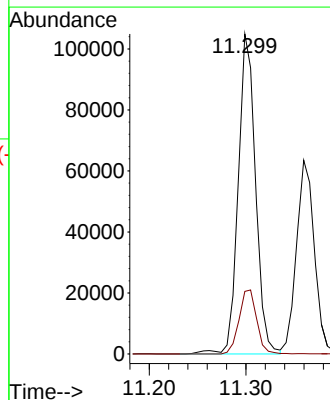
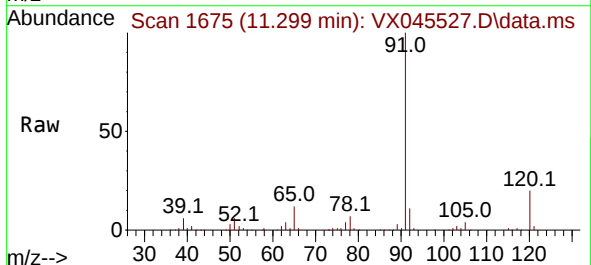
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 24902
Ion Ratio Lower Upper
156 100
77 185.0 92.6 277.8
158 96.7 48.1 144.4



#78
n-propylbenzene
Concen: 21.729 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 91 Resp: 130994
Ion Ratio Lower Upper
91 100
120 20.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 21.229 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

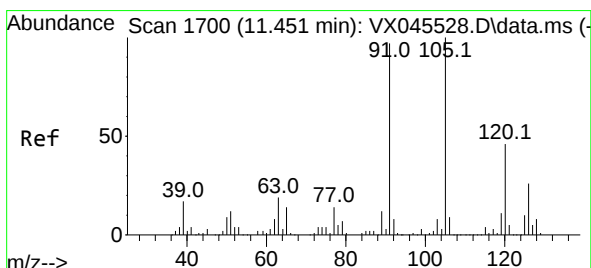
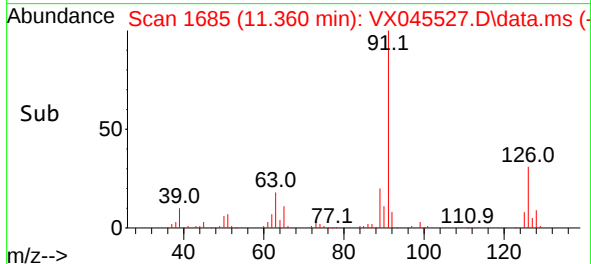
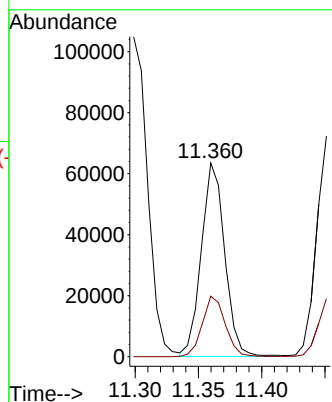
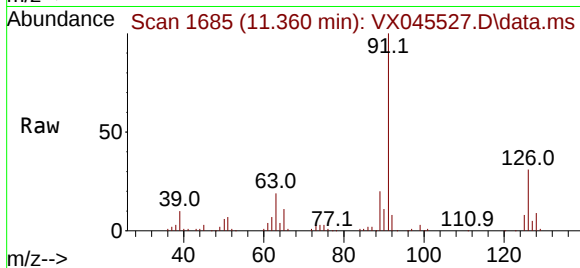
VSTDICC020

Tgt Ion: 91 Resp: 81817

Ion Ratio Lower Upper

91 100

126 30.9 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 21.564 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045527.D

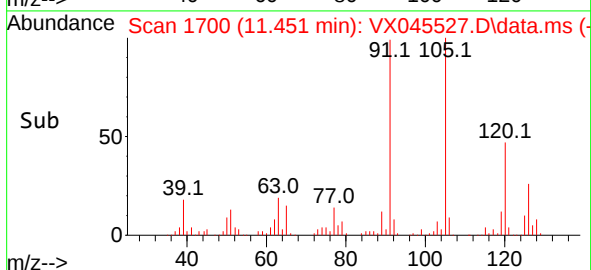
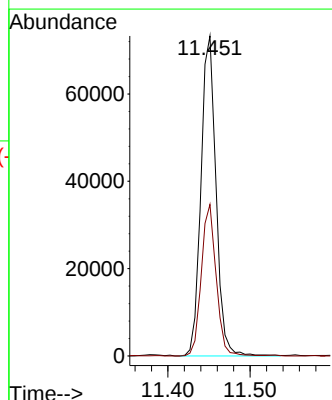
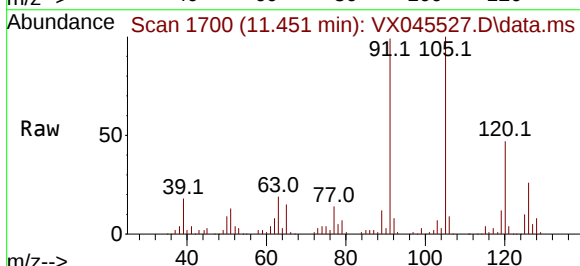
Acq: 01 Apr 2025 17:52

Tgt Ion: 105 Resp: 93328

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0

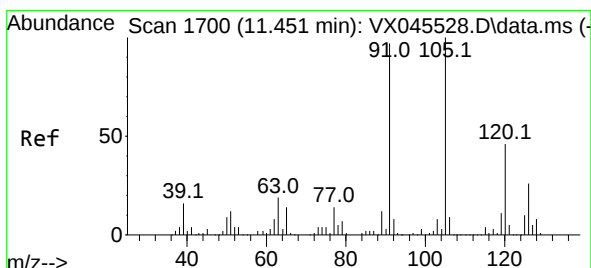
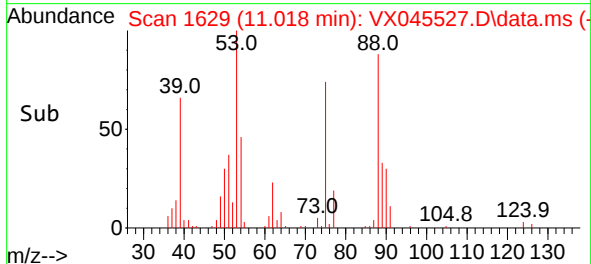
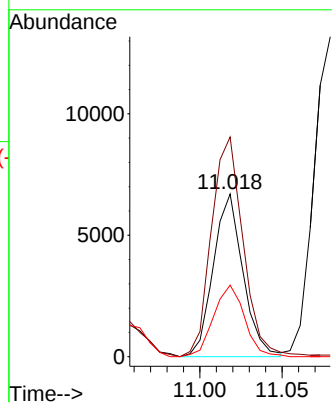
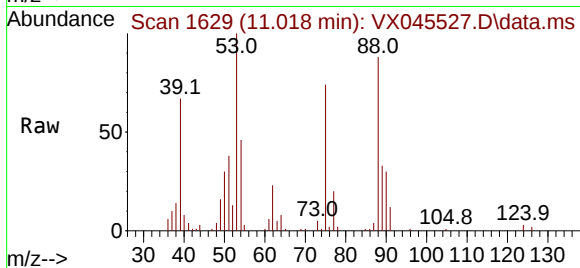




#81
trans-1,4-Dichloro-2-butene
Concen: 17.961 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

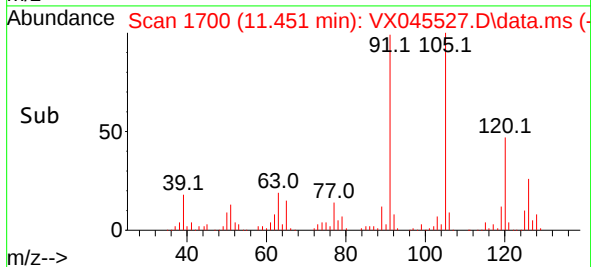
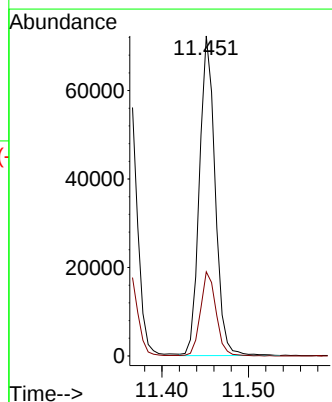
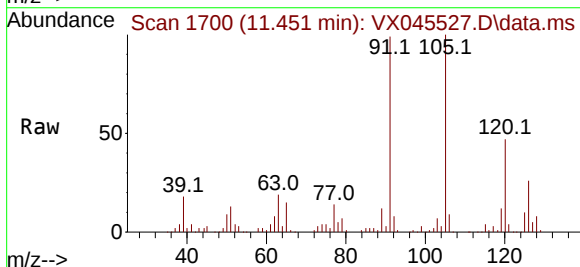
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 8435
Ion Ratio Lower Upper
75 100
53 144.7 101.8 152.6
89 45.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.108 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 91 Resp: 90704
Ion Ratio Lower Upper
91 100
126 26.2 13.3 39.9





#83

tert-Butylbenzene

Concen: 20.964 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

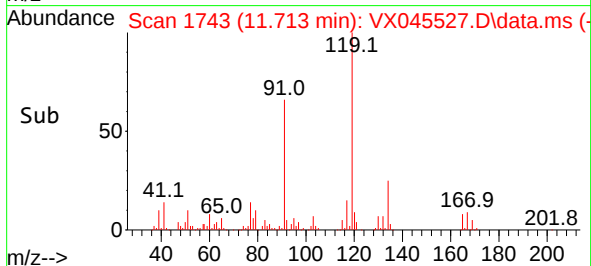
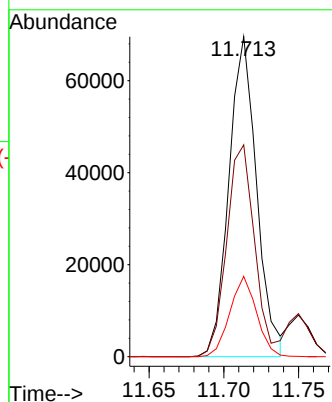
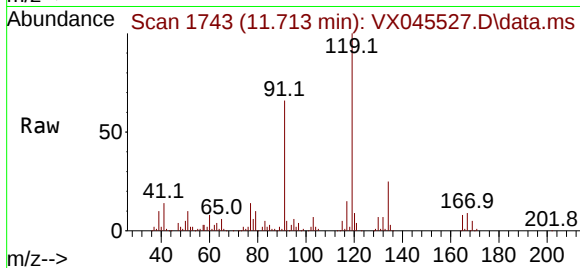
Tgt Ion:119 Resp: 89828

Ion Ratio Lower Upper

119 100

91 65.7 32.4 97.2

134 24.2 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 21.235 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045527.D

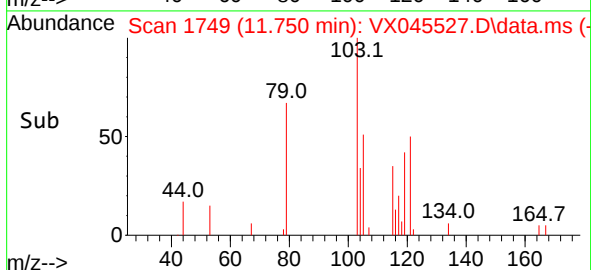
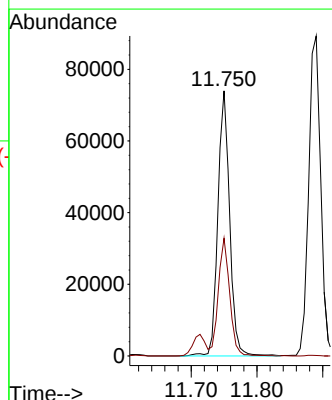
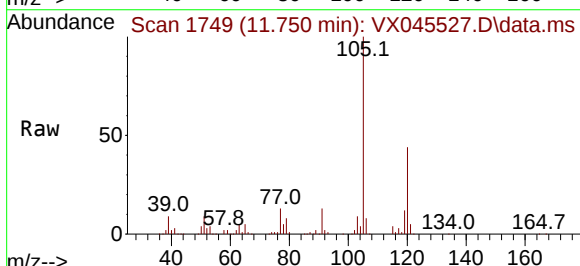
Acq: 01 Apr 2025 17:52

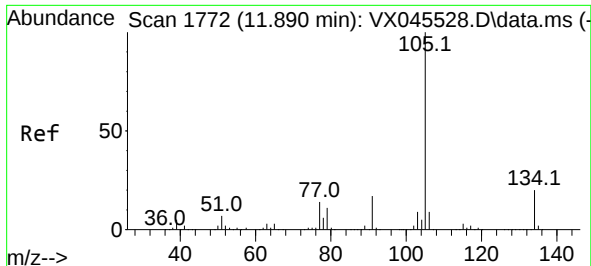
Tgt Ion:105 Resp: 92242

Ion Ratio Lower Upper

105 100

120 43.1 21.4 64.3

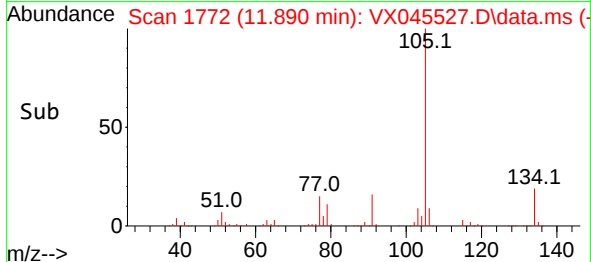
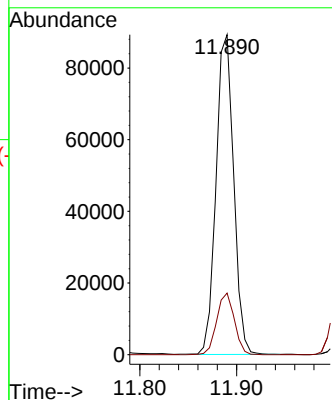
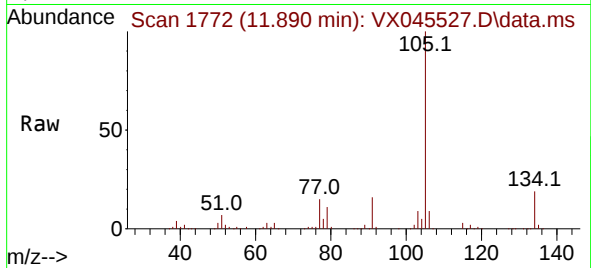




#85
 sec-Butylbenzene
 Concen: 21.433 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

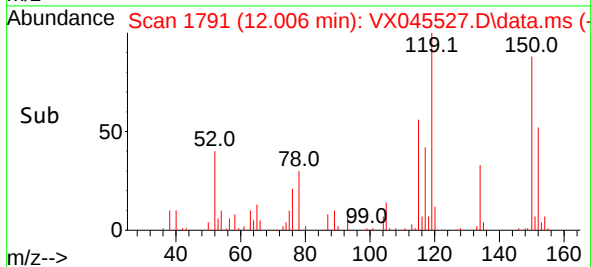
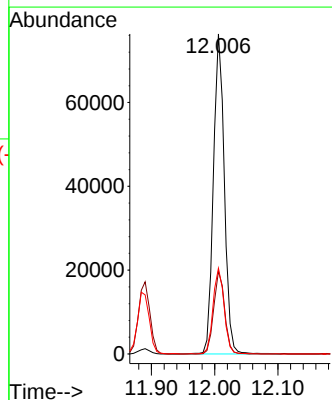
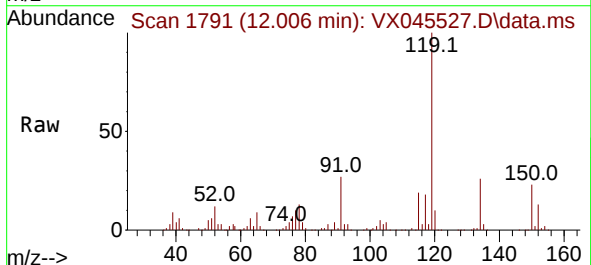
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 112800
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 21.173 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

Tgt Ion:119 Resp: 91866
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 27.1 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 20.490 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

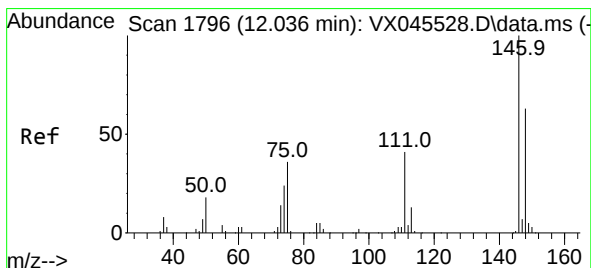
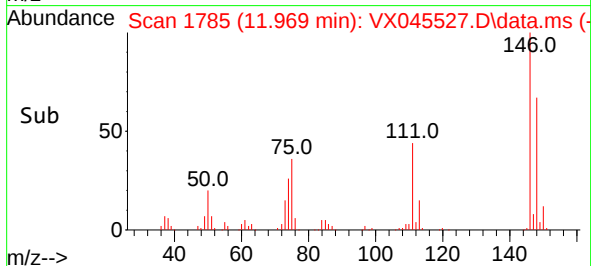
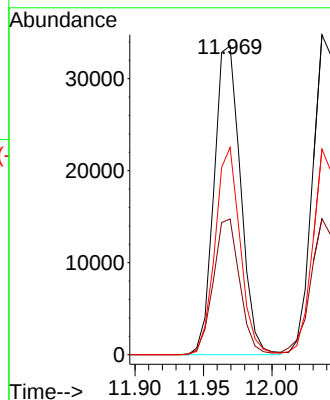
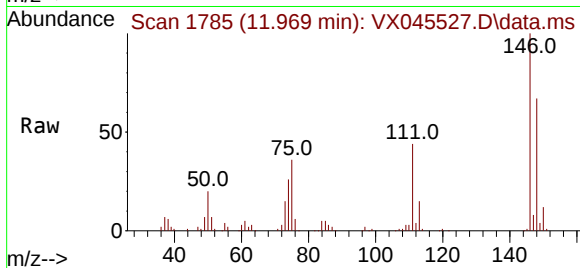
Tgt Ion:146 Resp: 45105

Ion Ratio Lower Upper

146 100

111 43.9 22.2 66.6

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.706 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

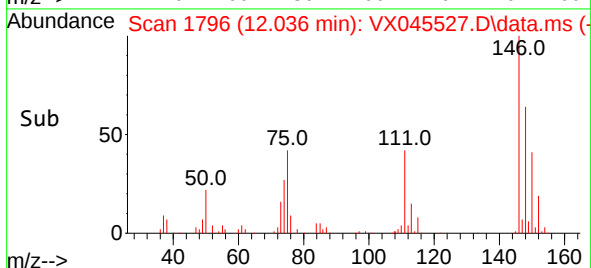
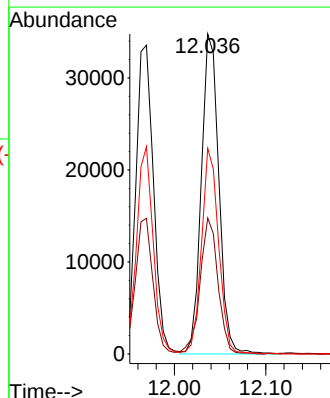
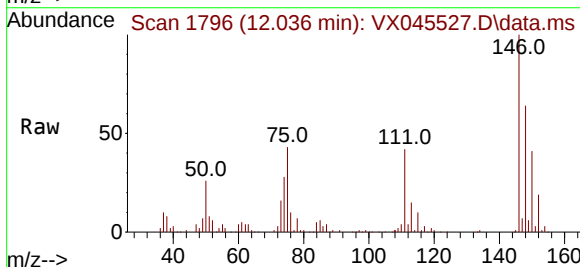
Tgt Ion:146 Resp: 46208

Ion Ratio Lower Upper

146 100

111 43.6 20.9 62.8

148 62.6 31.5 94.5

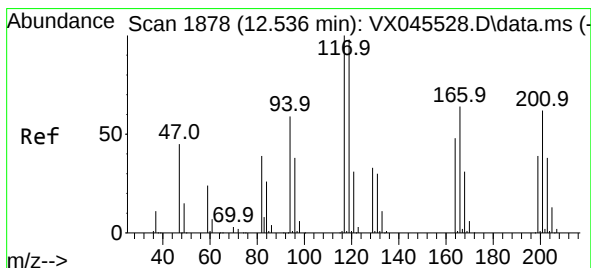
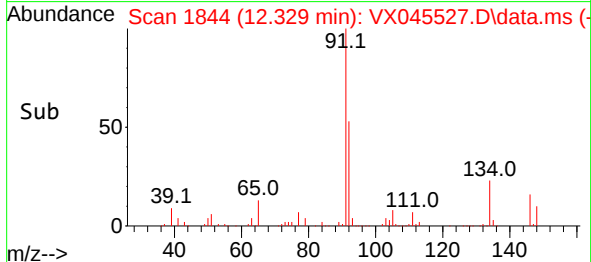
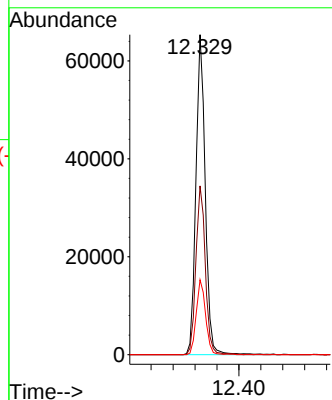
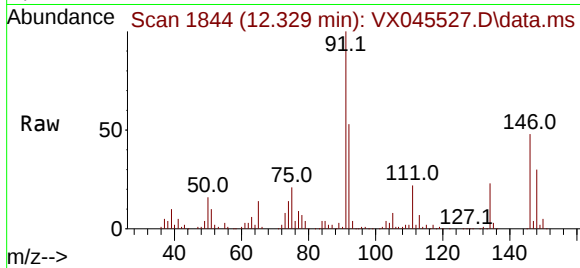




#89
n-Butylbenzene
Concen: 20.662 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

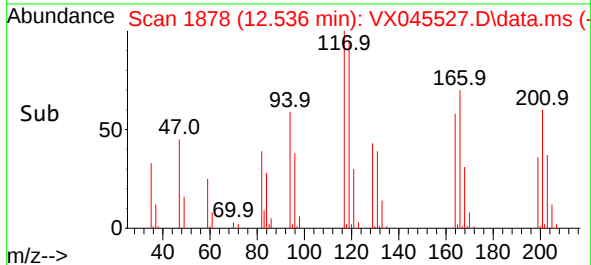
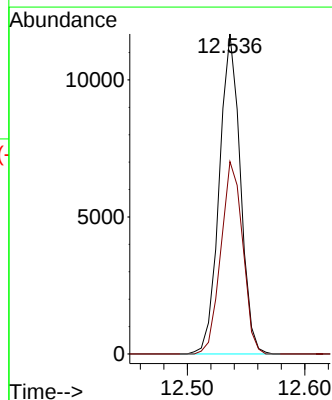
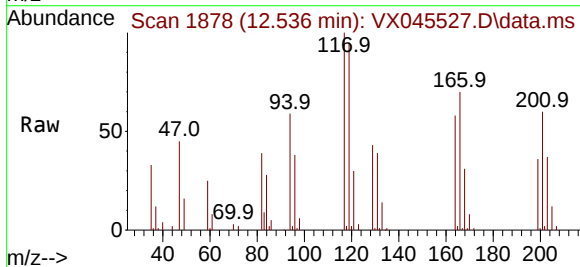
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 77739
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 23.4 11.9 35.7



#90
Hexachloroethane
Concen: 19.505 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 117 Resp: 14544
Ion Ratio Lower Upper
117 100
201 62.2 31.2 93.6

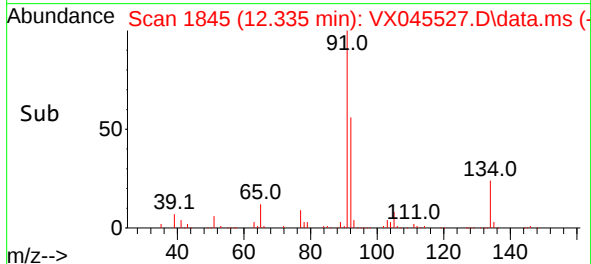
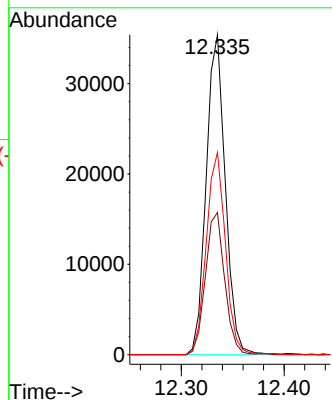
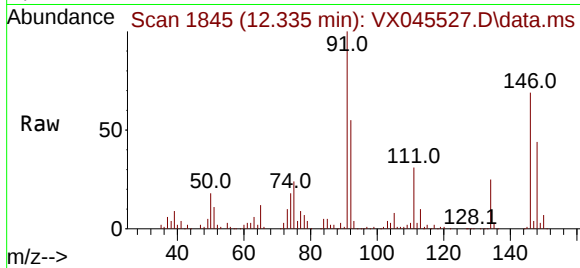




#91
1,2-Dichlorobenzene
Concen: 20.896 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

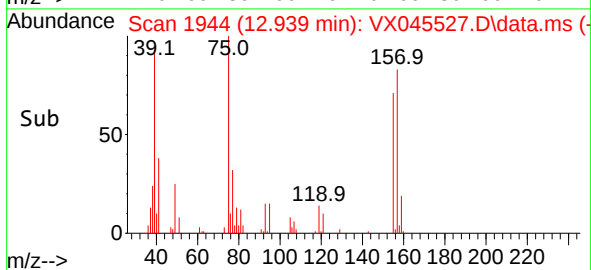
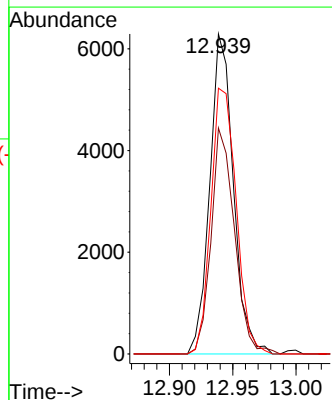
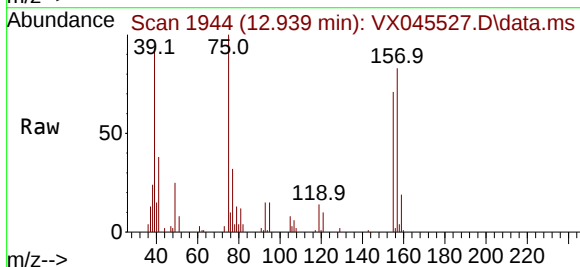
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

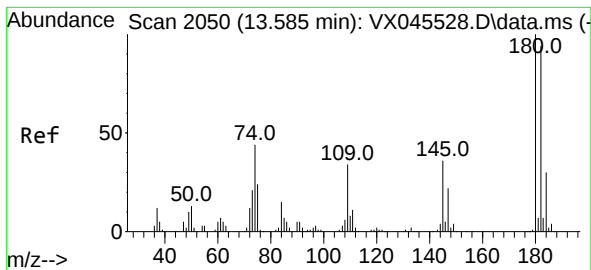
Tgt Ion:146 Resp: 45732
Ion Ratio Lower Upper
146 100
111 45.0 22.9 68.8
148 63.6 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.203 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 8153
Ion Ratio Lower Upper
75 100
155 70.0 34.9 104.7
157 89.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.347 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

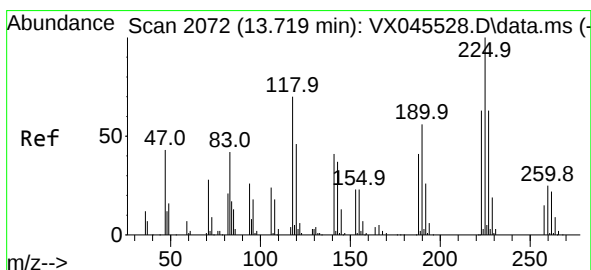
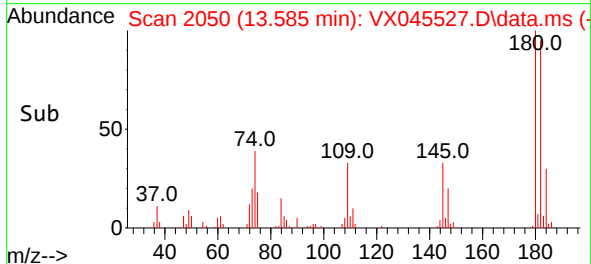
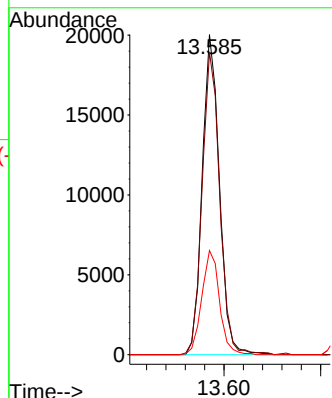
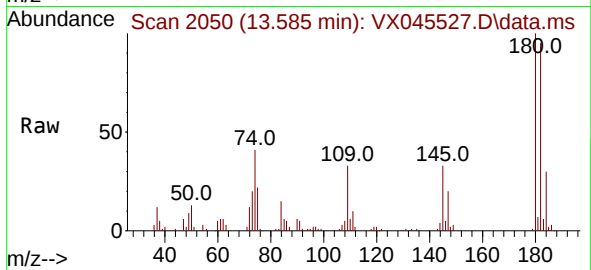
Tgt Ion:180 Resp: 24787

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.6

145 33.6 17.9 53.8



#94

Hexachlorobutadiene

Concen: 19.979 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

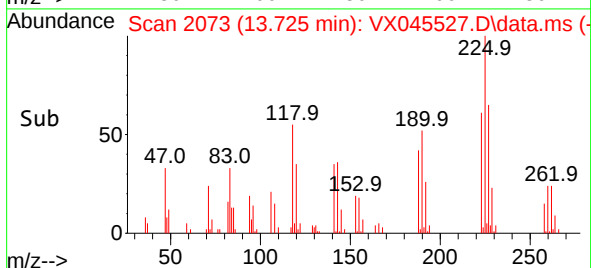
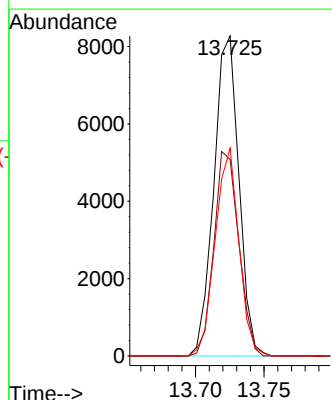
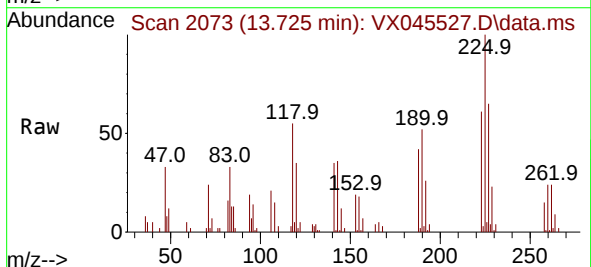
Tgt Ion:225 Resp: 10488

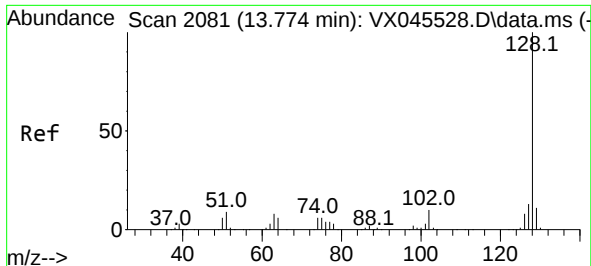
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.3

227 61.6 32.2 96.6

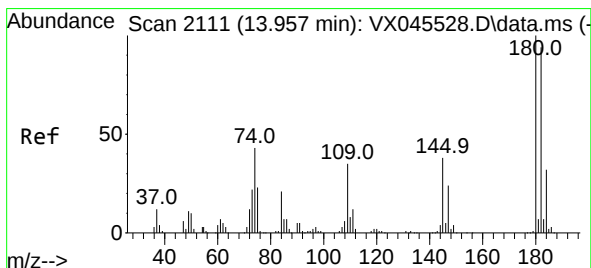
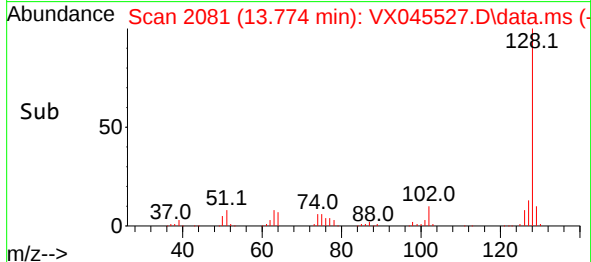
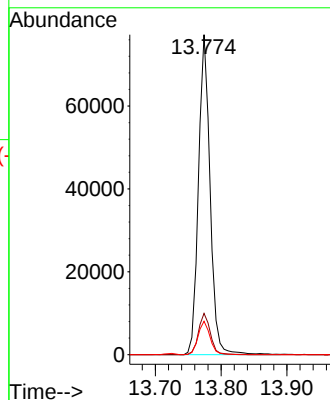
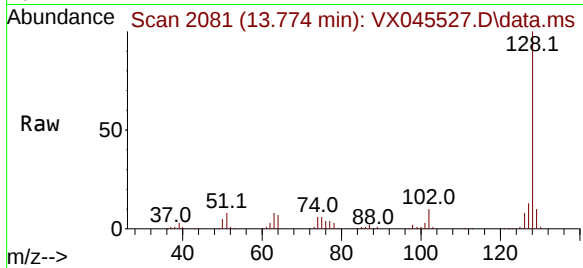




#95
Naphthalene
Concen: 20.928 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	94875
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.471 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:	180	Resp:	26113
Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.3	141.8
145	36.7	18.2	54.6

