

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045530.D
 Acq On : 01 Apr 2025 19:02
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 02 02:54:59 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	5.544	168	90033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61380	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	252998	153.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 307.320%#	
35) Dibromofluoromethane	5.379	113	173598	152.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 305.780%#	
50) Toluene-d8	8.647	98	603264	152.216	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 304.440%#	
62) 4-Bromofluorobenzene	11.079	95	220921	153.035	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 306.060%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	221436	164.460	ug/l	100
3) Chloromethane	1.307	50	198321	143.373	ug/l	98
4) Vinyl Chloride	1.374	62	197096	155.697	ug/l	100
5) Bromomethane	1.593	94	88225	146.986	ug/l	97
6) Chloroethane	1.660	64	86251	128.421	ug/l	97
7) Trichlorofluoromethane	1.868	101	267098	141.495	ug/l	100
8) Diethyl Ether	2.136	74	96467	152.215	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	171118	154.698	ug/l	97
10) Methyl Iodide	2.441	142	202594	146.838	ug/l	99
11) Tert butyl alcohol	2.989	59	167769	758.202	ug/l	100
12) 1,1-Dichloroethene	2.307	96	166365	153.921	ug/l	97
13) Acrolein	2.239	56	232818	764.070	ug/l	100
14) Allyl chloride	2.654	41	313268	152.755	ug/l	99
15) Acrylonitrile	3.069	53	507965	727.247	ug/l	100
16) Acetone	2.386	43	479564	709.323	ug/l	99
17) Carbon Disulfide	2.502	76	443495	166.133	ug/l	99
18) Methyl Acetate	2.703	43	228558	146.832	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	598532	158.301	ug/l	99
20) Methylene Chloride	2.782	84	186382	147.254	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	170283	154.210	ug/l	98
22) Diisopropyl ether	3.764	45	636728	157.617	ug/l	94
23) Vinyl Acetate	3.721	43	2911326	834.120	ug/l	100
24) 1,1-Dichloroethane	3.605	63	349040	152.778	ug/l	99
25) 2-Butanone	4.556	43	740096	747.834	ug/l	99
26) 2,2-Dichloropropane	4.465	77	252063	170.765	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	205254	152.571	ug/l	98
28) Bromochloromethane	4.891	49	155600	140.938	ug/l	97
29) Tetrahydrofuran	5.001	42	475589	741.226	ug/l	100
30) Chloroform	5.087	83	353681	150.451	ug/l	98
31) Cyclohexane	5.458	56	310219	153.595	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	315136	158.426	ug/l	98
36) 1,1-Dichloropropene	5.684	75	239776	156.399	ug/l	98
37) Ethyl Acetate	4.715	43	294559	152.461	ug/l	99
38) Carbon Tetrachloride	5.672	117	266770	161.005	ug/l	99
39) Methylcyclohexane	7.373	83	303251	161.366	ug/l	96
40) Benzene	6.031	78	703311	150.208	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	164699	160.155	ug/l	98
42) 1,2-Dichloroethane	6.080	62	296168	153.146	ug/l	100
43) Isopropyl Acetate	6.336	43	475823	162.494	ug/l	99
44) Trichloroethene	7.117	130	170940	153.599	ug/l	95
45) 1,2-Dichloropropane	7.428	63	179457	153.610	ug/l	98
46) Dibromomethane	7.574	93	135415	150.996	ug/l	98
47) Bromodichloromethane	7.818	83	279881	156.272	ug/l	98
48) Methyl methacrylate	7.690	41	240818	159.281	ug/l	99
49) 1,4-Dioxane	7.659	88	74929	2739.196	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1414771	728.817	ug/l	99
52) Toluene	8.714	92	420015	148.245	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	267671	150.589	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	287973	171.104	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	163426	144.752	ug/l	98
56) Ethyl methacrylate	9.116	69	285895	163.624	ug/l	98
57) 1,3-Dichloropropane	9.305	76	288430	146.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	703881	796.340	ug/l	99
59) 2-Hexanone	9.433	43	1053971	733.198	ug/l	100
60) Dibromochloromethane	9.519	129	194342	157.895	ug/l	98
61) 1,2-Dibromoethane	9.610	107	174571	152.745	ug/l	99
64) Tetrachloroethene	9.269	164	138926	147.568	ug/l	98
65) Chlorobenzene	10.080	112	444631	156.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	156069	157.769	ug/l	99
67) Ethyl Benzene	10.189	91	821130	160.907	ug/l	99
68) m/p-Xylenes	10.299	106	583228	314.231	ug/l	99
69) o-Xylene	10.640	106	285670	156.241	ug/l	100
70) Styrene	10.653	104	480722	159.299	ug/l	99
71) Bromoform	10.799	173	126115	170.743	ug/l #	98
73) Isopropylbenzene	10.957	105	764406	155.475	ug/l	100
74) N-amyl acetate	10.842	43	408934	173.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249980	144.737	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	284853	190.257	ug/l	87
77) Bromobenzene	11.195	156	171573	151.033	ug/l	99
78) n-propylbenzene	11.305	91	897084	158.408	ug/l	100
79) 2-Chlorotoluene	11.360	91	537263	148.399	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	620819	152.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	78805	178.636	ug/l	93
82) 4-Chlorotoluene	11.451	91	615594	152.505	ug/l	99
83) tert-Butylbenzene	11.713	119	627039	155.783	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	629704	154.317	ug/l	100
85) sec-Butylbenzene	11.890	105	790355	159.869	ug/l	100
86) p-Isopropyltoluene	12.006	119	641521	157.397	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	314077	151.885	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	314197	149.876	ug/l	99
89) n-Butylbenzene	12.329	91	604445	171.019	ug/l	100
90) Hexachloroethane	12.536	117	121761	173.829	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	307031	149.342	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64317	178.062	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	199365	174.213	ug/l	99
94) Hexachlorobutadiene	13.725	225	77792	157.752	ug/l	99
95) Naphthalene	13.774	128	733300	172.191	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	201989	168.562	ug/l	99

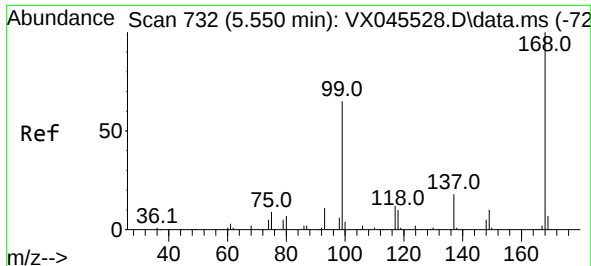
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Response via : Initial Calibration

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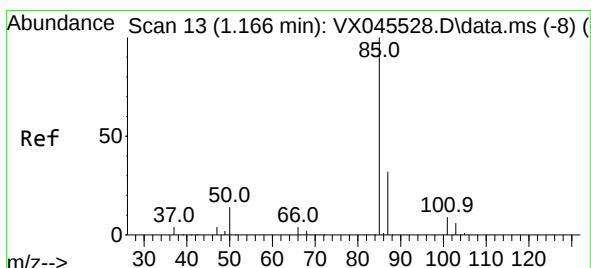
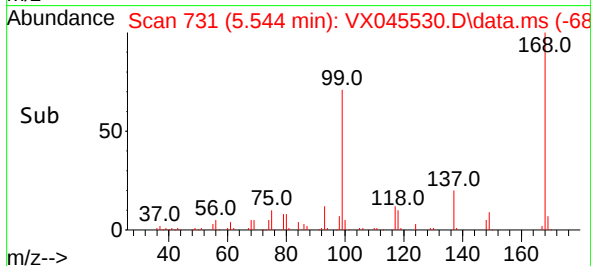
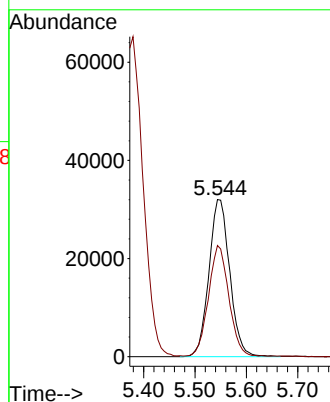
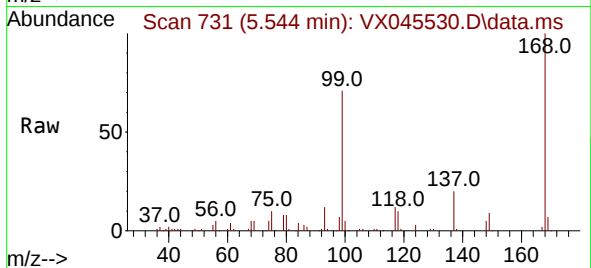
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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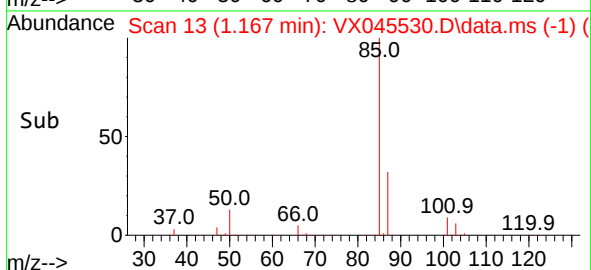
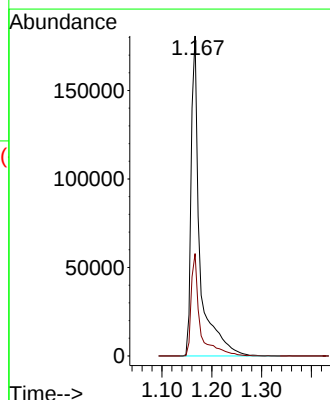
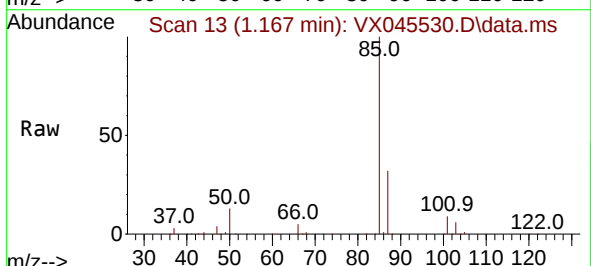
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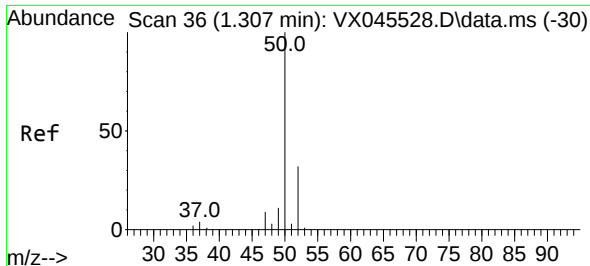
Tgt Ion:168 Resp: 90033
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 164.460 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 85 Resp: 221436
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

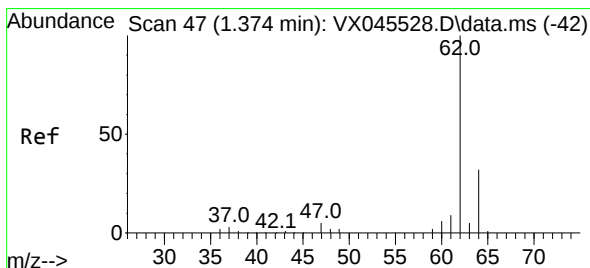
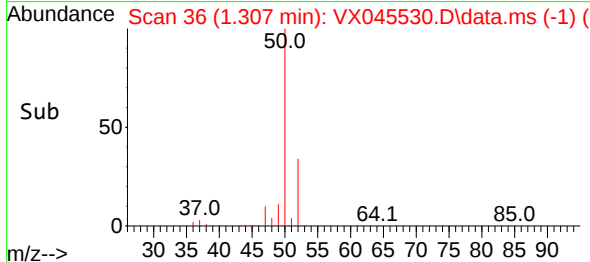
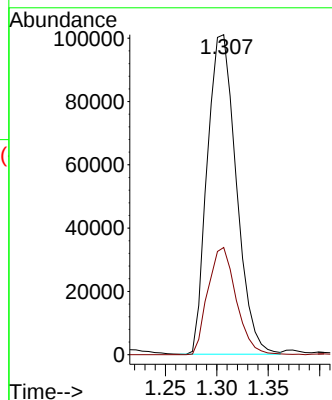
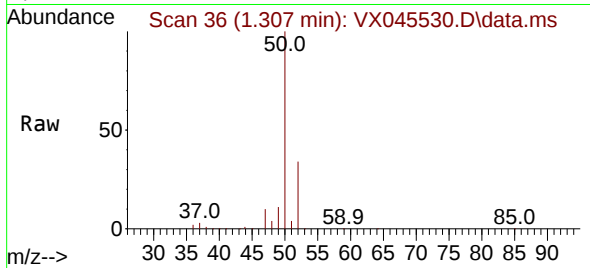




#3
Chloromethane
Concen: 143.373 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

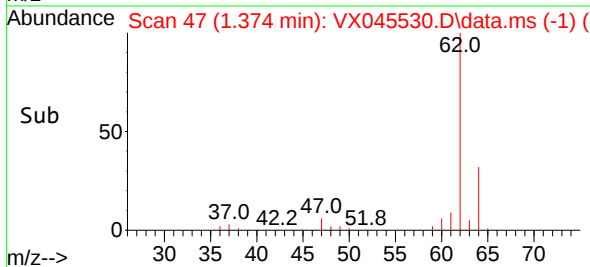
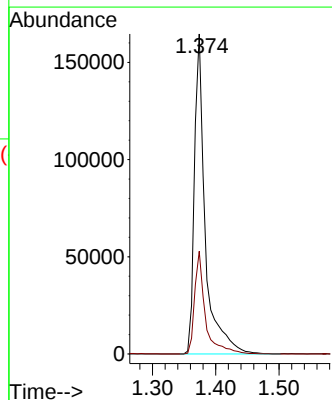
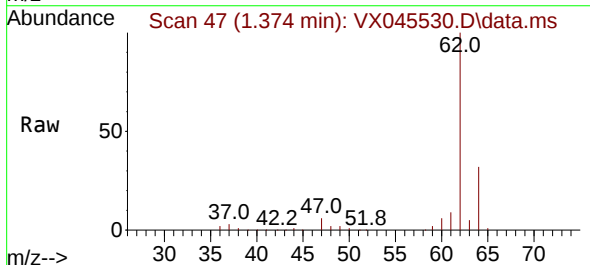
Instrument :
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ClientSampleId :
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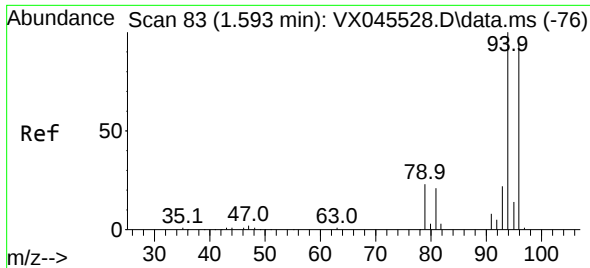
Tgt Ion: 50 Resp: 198321
Ion Ratio Lower Upper
50 100
52 33.6 25.9 38.9



#4
Vinyl Chloride
Concen: 155.697 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 62 Resp: 197096
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

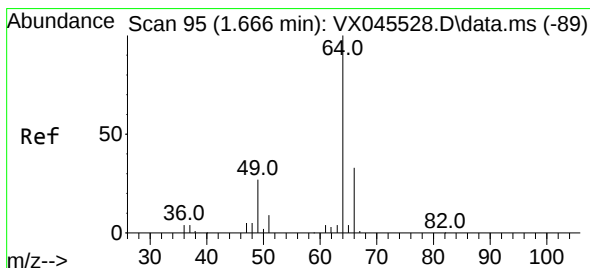
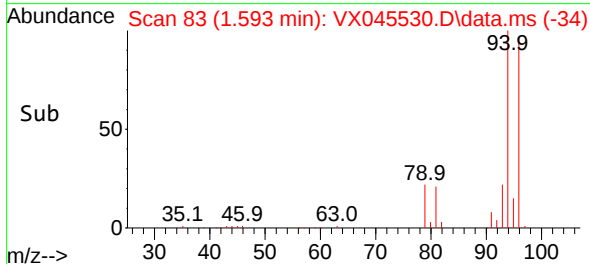
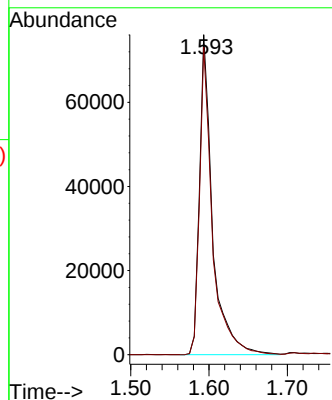
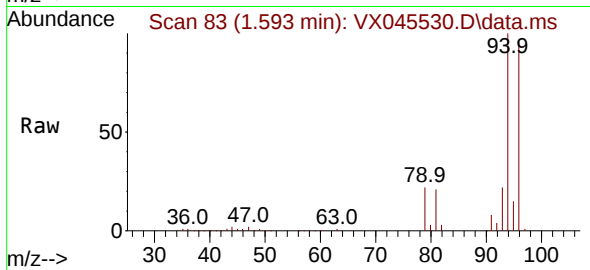




#5
Bromomethane
Concen: 146.986 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

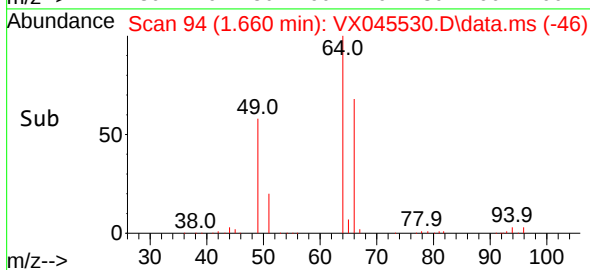
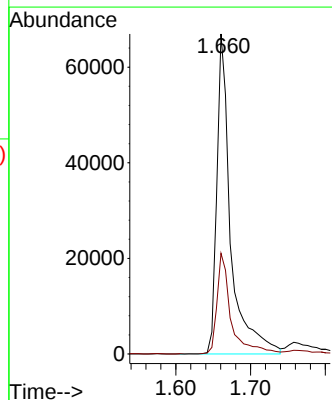
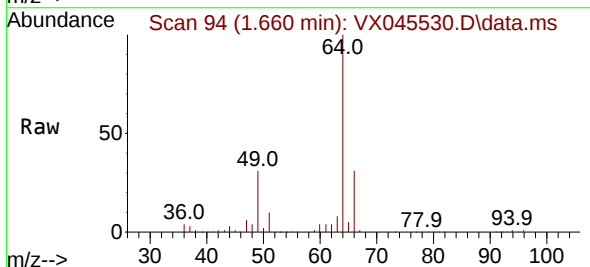
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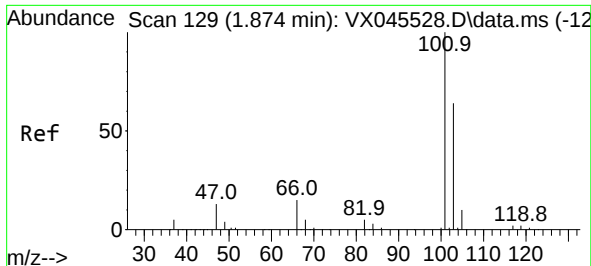
Tgt Ion: 94 Resp: 88225
Ion Ratio Lower Upper
94 100
96 96.1 74.8 112.2



#6
Chloroethane
Concen: 128.421 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 64 Resp: 86251
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5

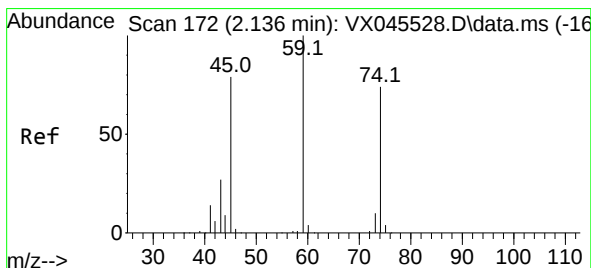
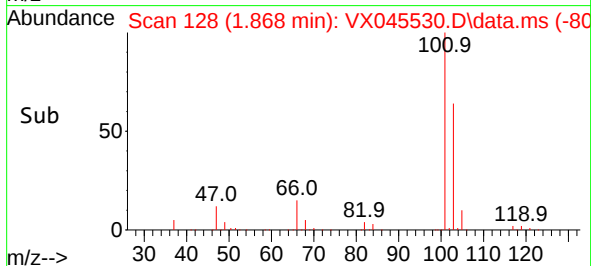
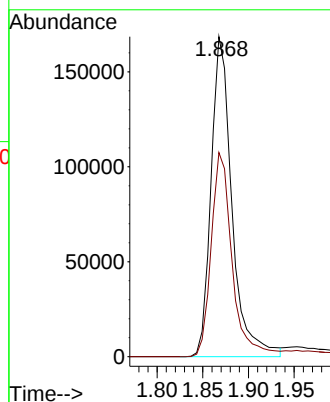
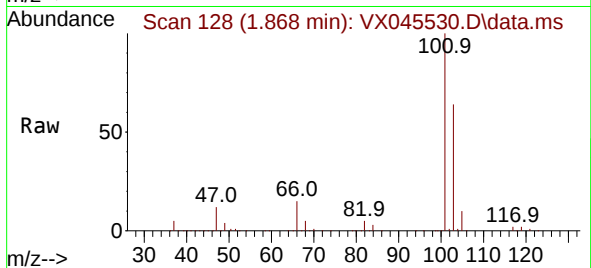




#7
Trichlorofluoromethane
Concen: 141.495 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

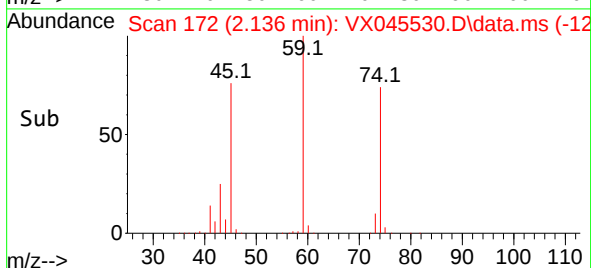
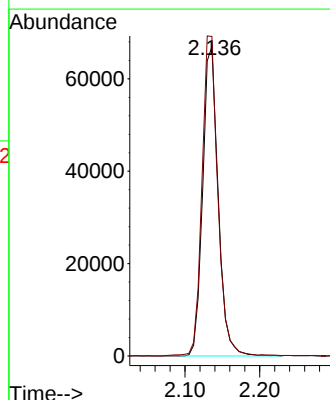
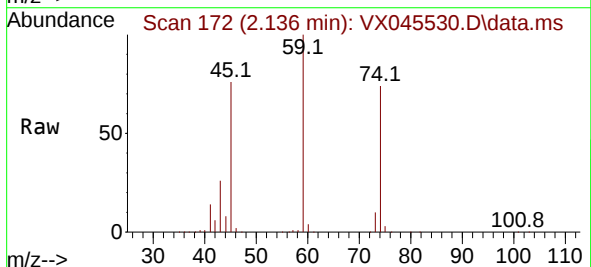
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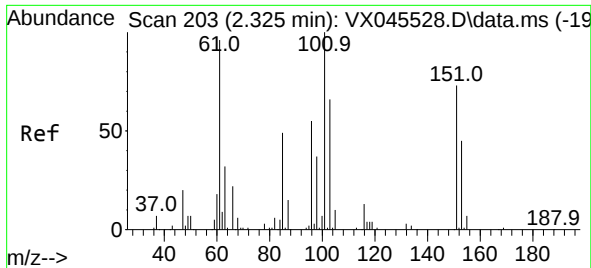
Tgt Ion:101 Resp: 267098
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7



#8
Diethyl Ether
Concen: 152.215 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 74 Resp: 96467
Ion Ratio Lower Upper
74 100
45 105.8 53.0 159.1

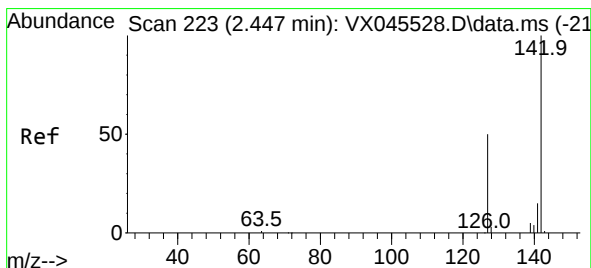
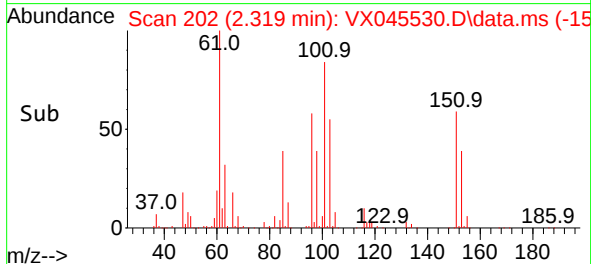
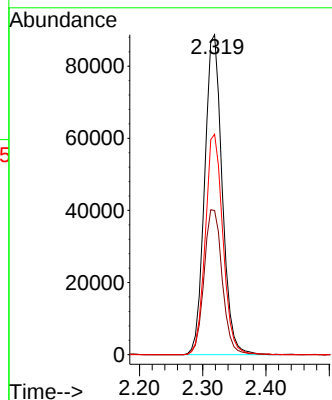
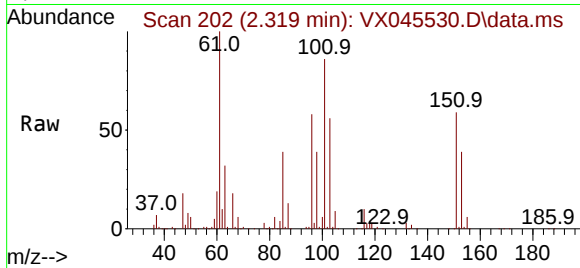




#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.698 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045530.D
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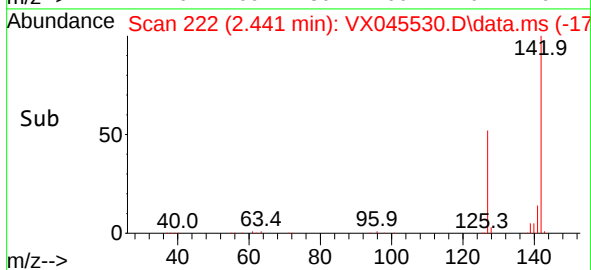
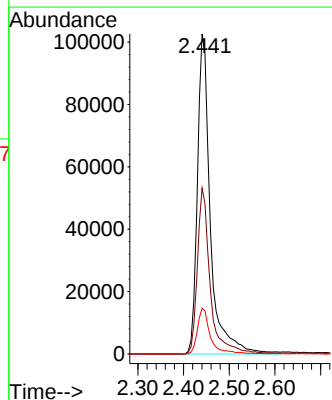
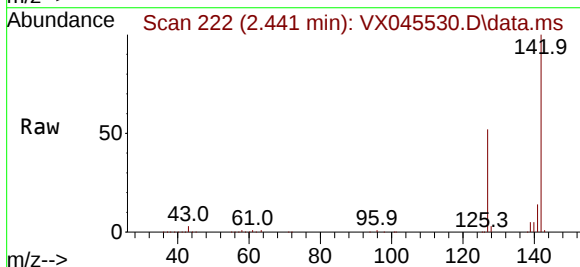
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

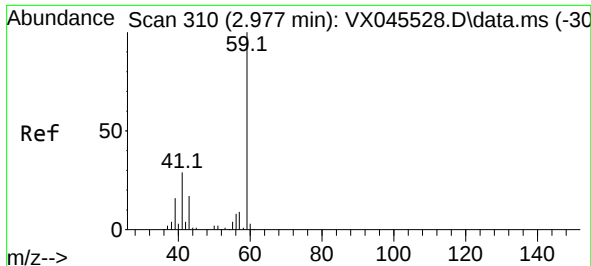
Tgt Ion:101 Resp: 171118
Ion Ratio Lower Upper
101 100
85 46.9 38.9 58.3
151 69.3 57.5 86.3



#10
Methyl Iodide
Concen: 146.838 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:142 Resp: 202594
Ion Ratio Lower Upper
142 100
127 51.2 40.2 60.4
141 14.3 11.7 17.5





#11

Tert butyl alcohol

Concen: 758.202 ug/l

RT: 2.989 min Scan# 310

Delta R.T. 0.012 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

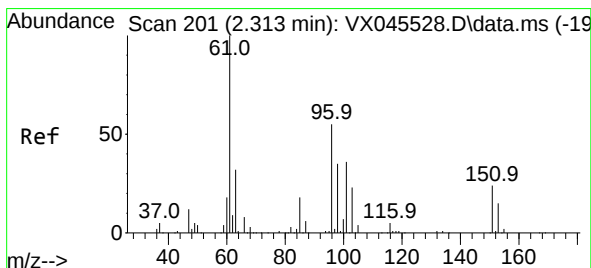
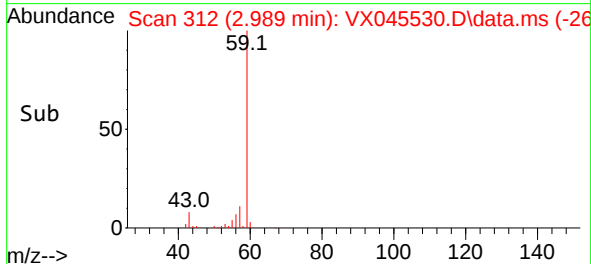
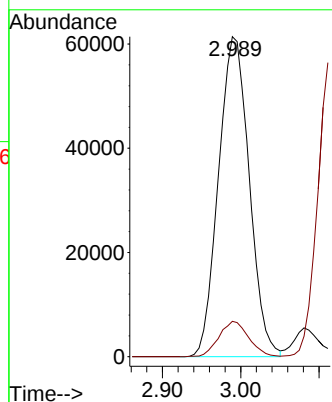
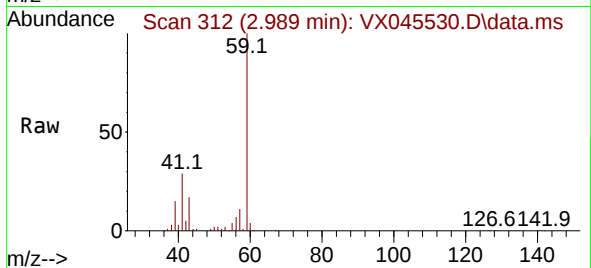
VSTDIC150

Tgt Ion: 59 Resp: 167769

Ion Ratio Lower Upper

59 100

57 10.7 8.6 12.8



#12

1,1-Dichloroethene

Concen: 153.921 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

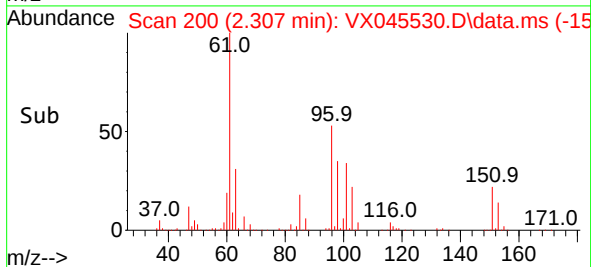
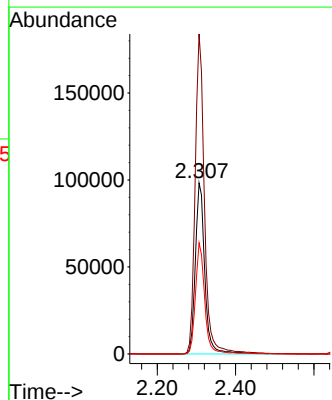
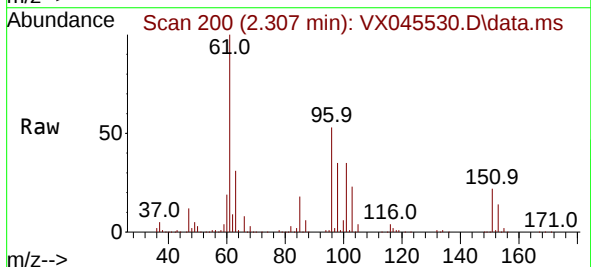
Tgt Ion: 96 Resp: 166365

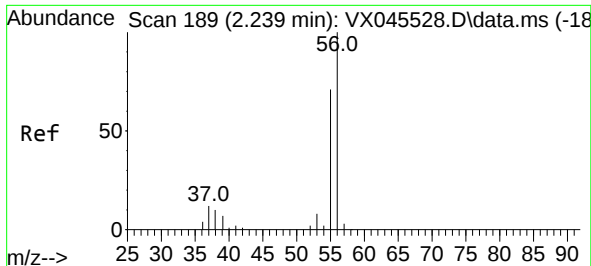
Ion Ratio Lower Upper

96 100

61 187.0 145.7 218.5

98 65.0 51.6 77.4





#13

Acrolein

Concen: 764.070 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

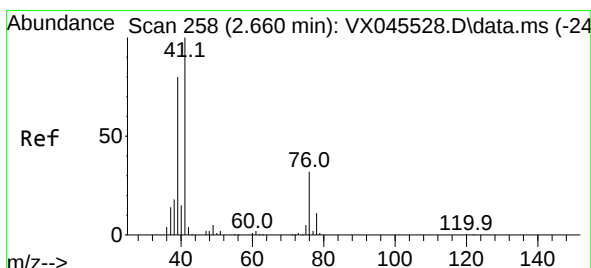
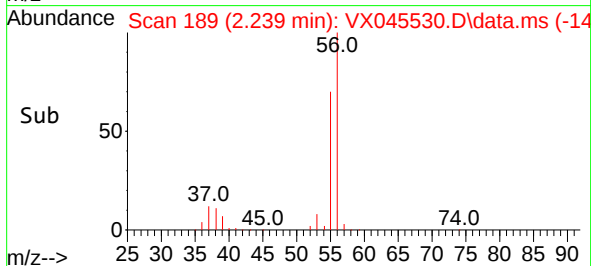
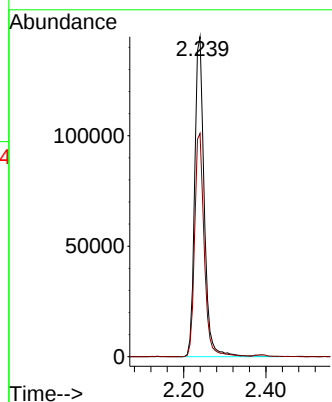
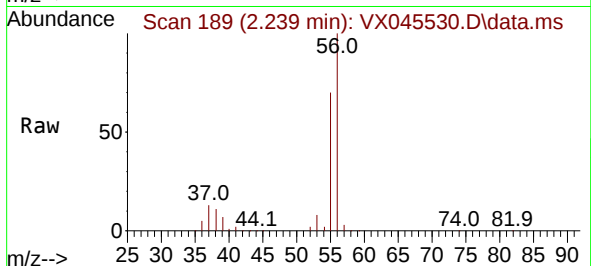
VSTDICC150

Tgt Ion: 56 Resp: 232818

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.2



#14

Allyl chloride

Concen: 152.755 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

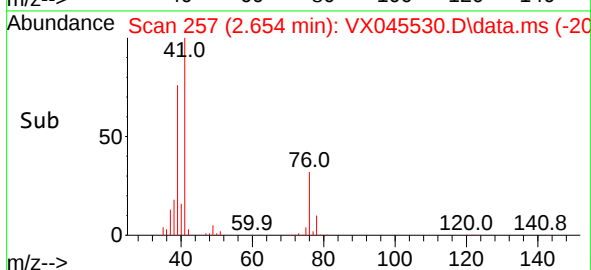
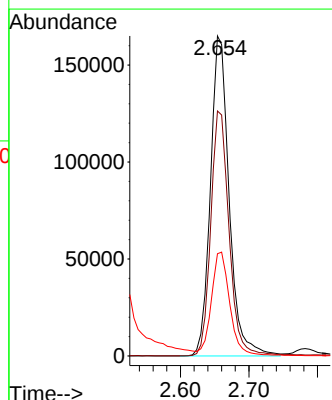
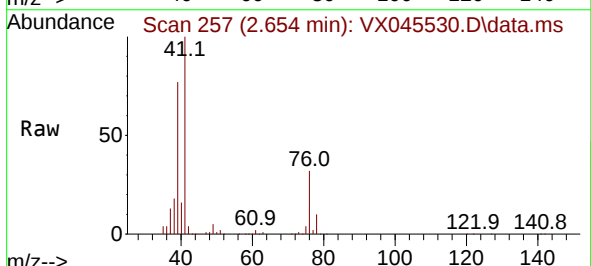
Tgt Ion: 41 Resp: 313268

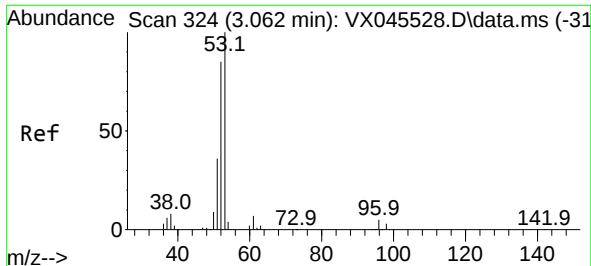
Ion Ratio Lower Upper

41 100

39 75.0 60.2 90.2

76 32.2 24.6 36.8

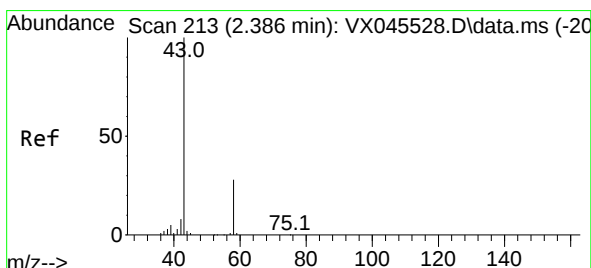
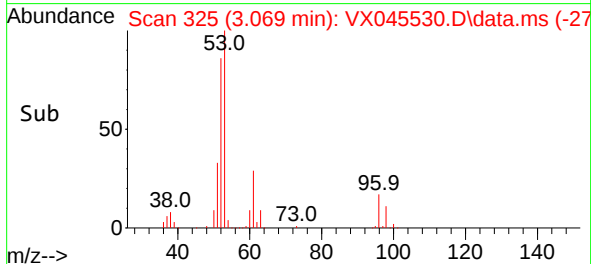
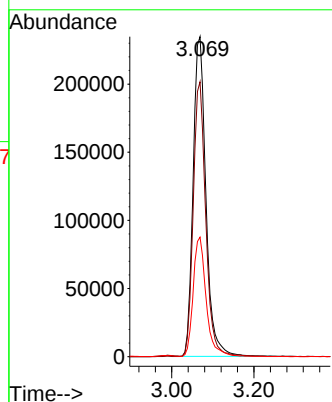
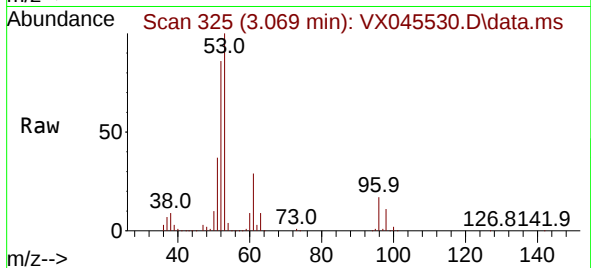




#15
Acrylonitrile
Concen: 727.247 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

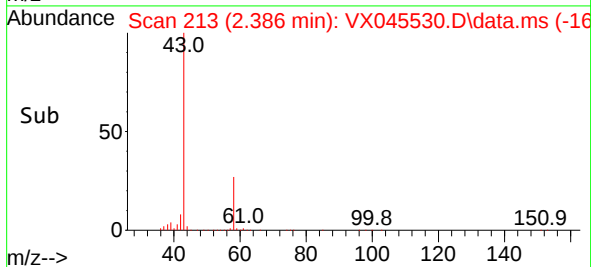
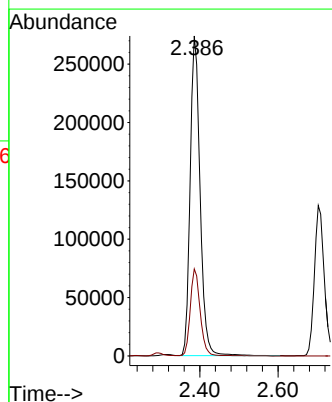
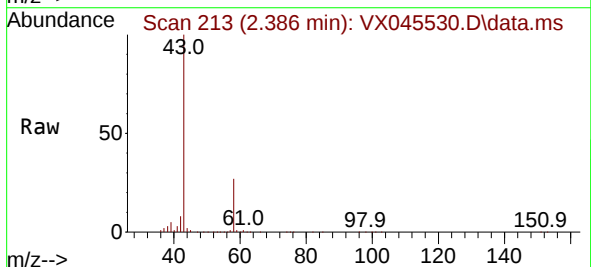
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

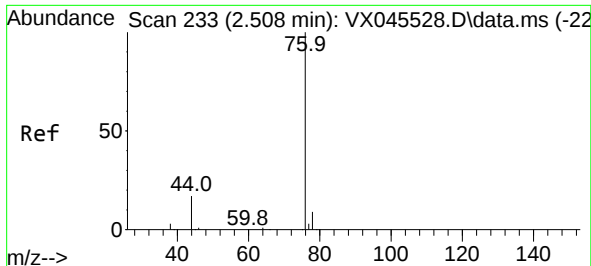
Tgt Ion: 53 Resp: 507965
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 37.7 29.9 44.9



#16
Acetone
Concen: 709.323 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 479564
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5

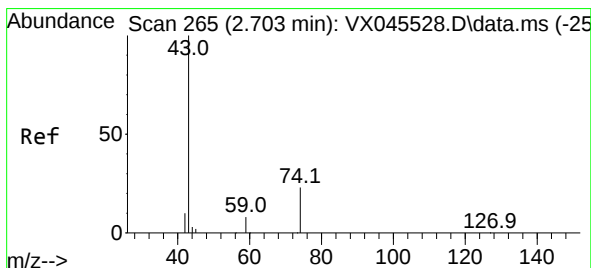
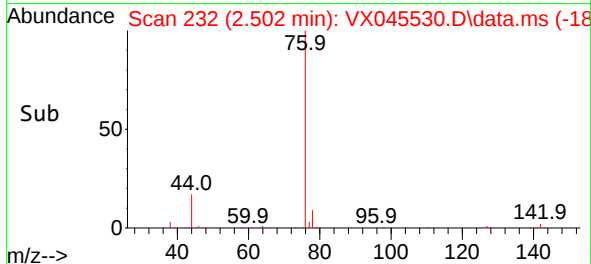
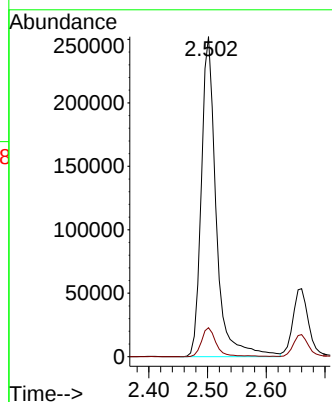
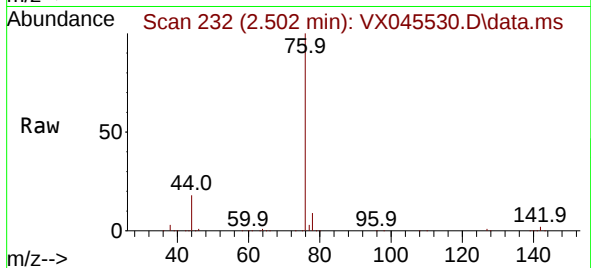




#17
Carbon Disulfide
Concen: 166.133 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

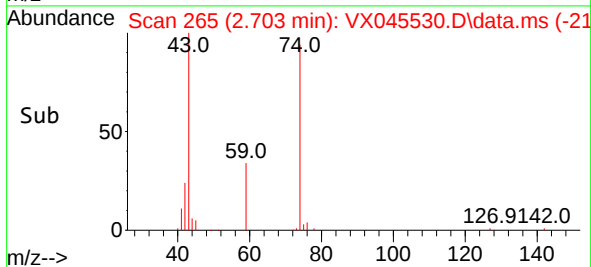
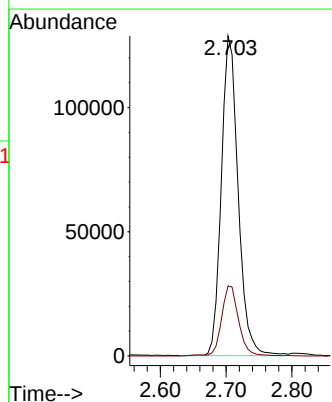
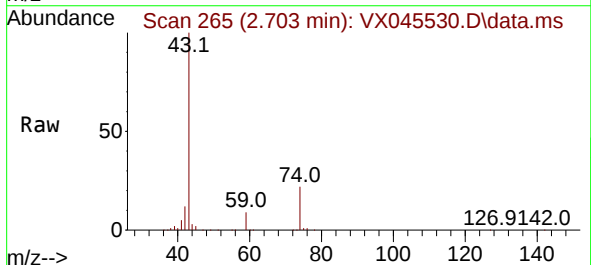
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

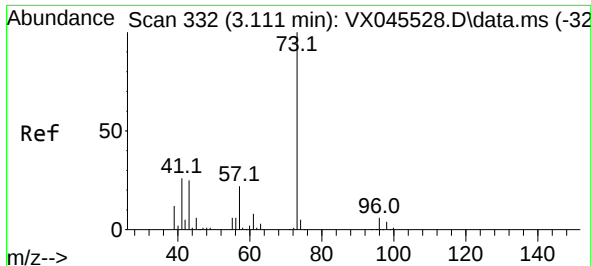
Tgt Ion: 76 Resp: 443495
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 146.832 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 228558
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3

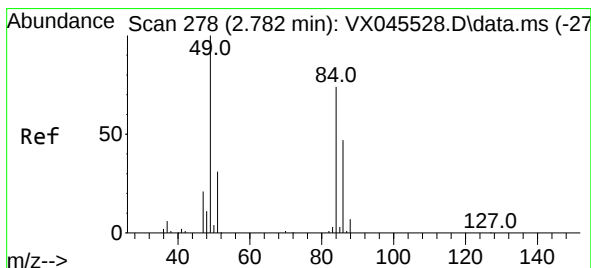
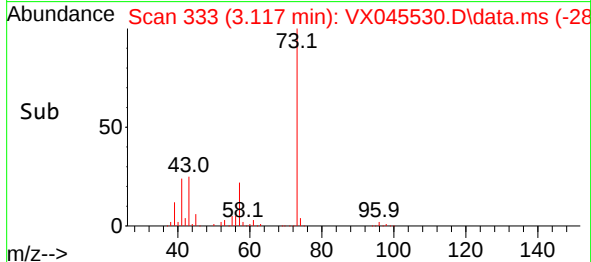
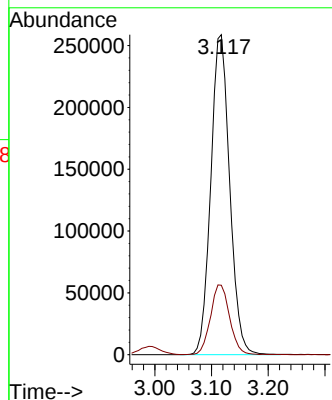
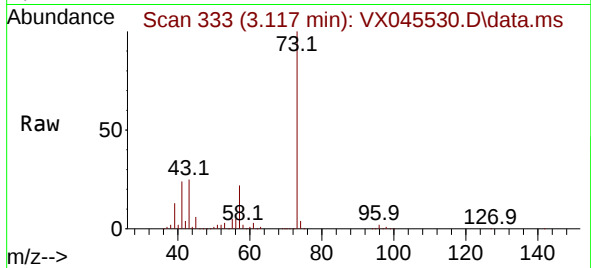




#19
Methyl tert-butyl Ether
Concen: 158.301 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

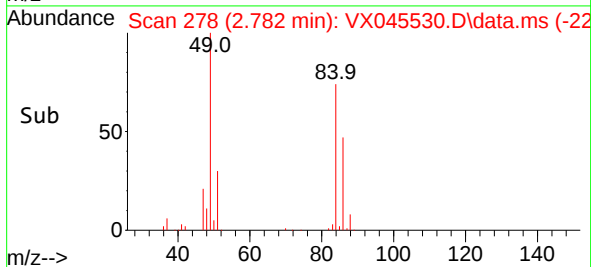
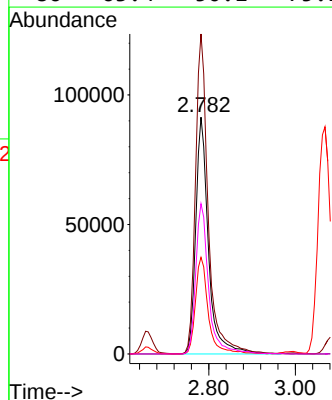
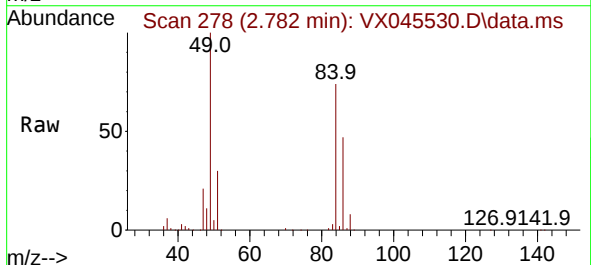
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

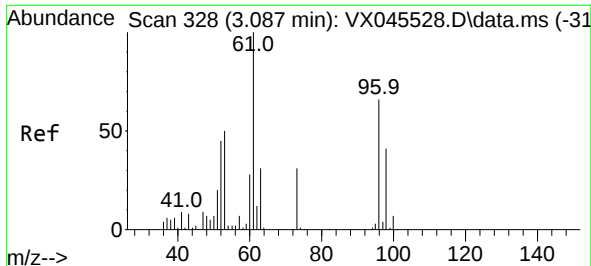
Tgt Ion: 73 Resp: 598532
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4



#20
Methylene Chloride
Concen: 147.254 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 84 Resp: 186382
Ion Ratio Lower Upper
84 100
49 135.1 107.5 161.3
51 40.8 33.0 49.6
86 63.4 50.1 75.1

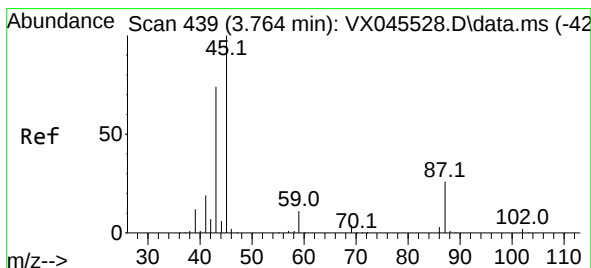
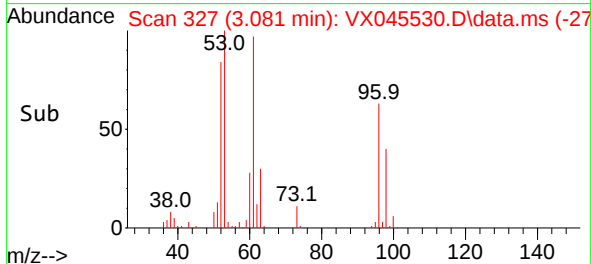
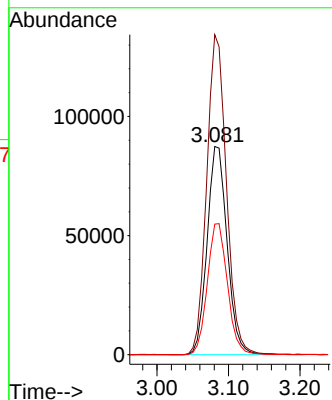
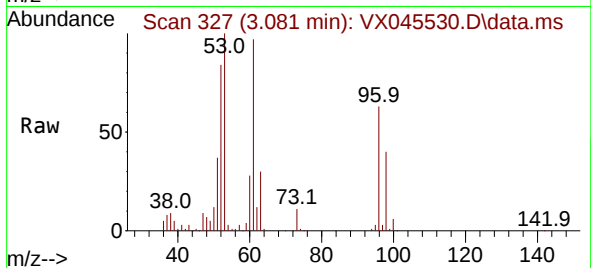




#21
trans-1,2-Dichloroethene
Concen: 154.210 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

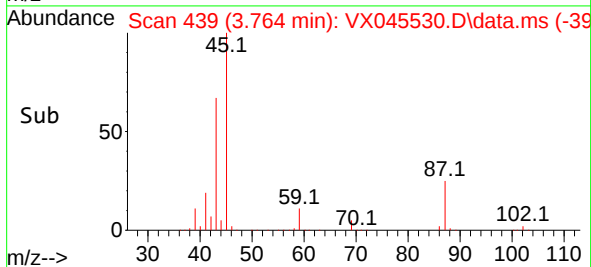
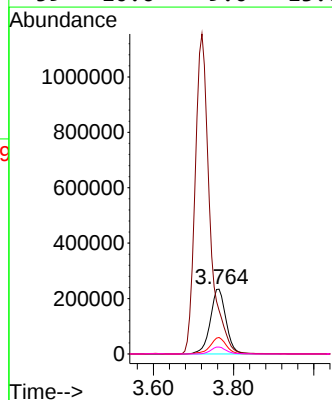
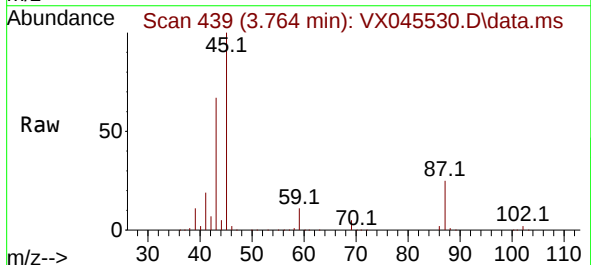
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

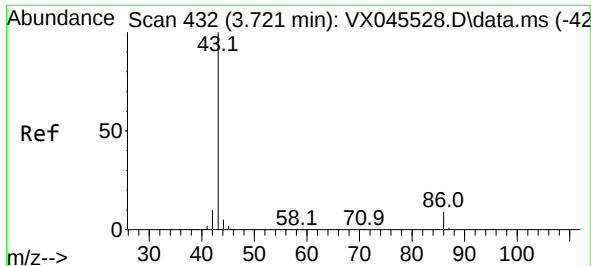
Tgt Ion: 96 Resp: 170283
Ion Ratio Lower Upper
96 100
61 153.7 121.0 181.6
98 62.7 49.7 74.5



#22
Diisopropyl ether
Concen: 157.617 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 45 Resp: 636728
Ion Ratio Lower Upper
45 100
43 67.0 59.3 88.9
87 25.5 20.4 30.6
59 10.6 9.0 13.6

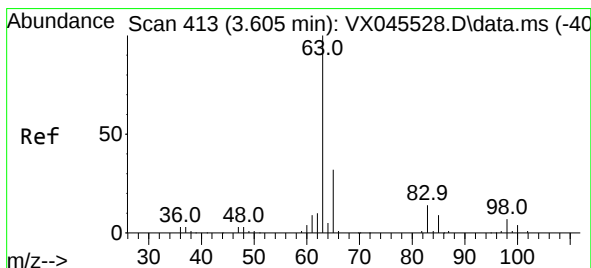
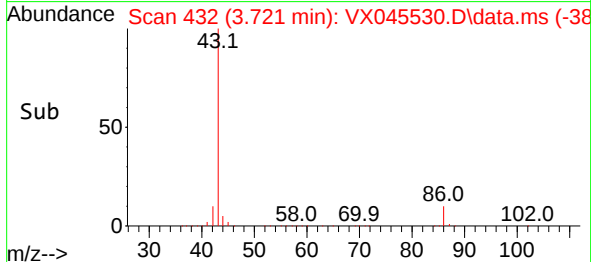
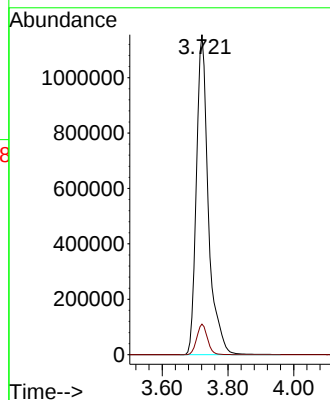
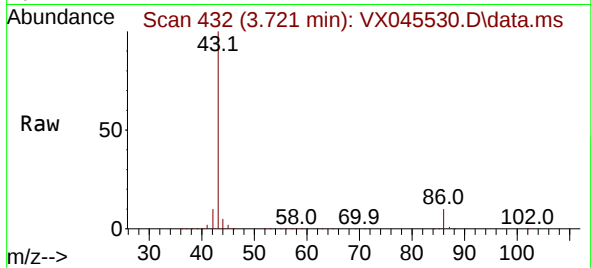




#23
 Vinyl Acetate
 Concen: 834.120 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

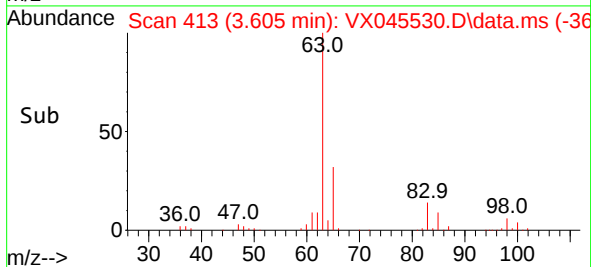
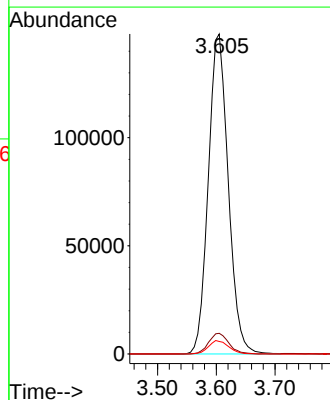
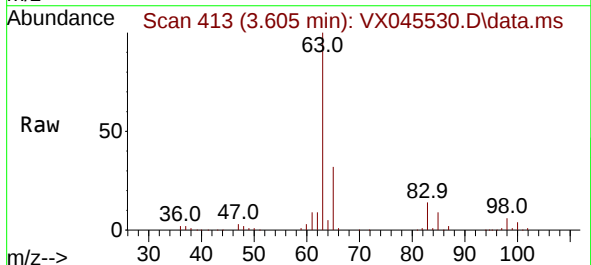
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

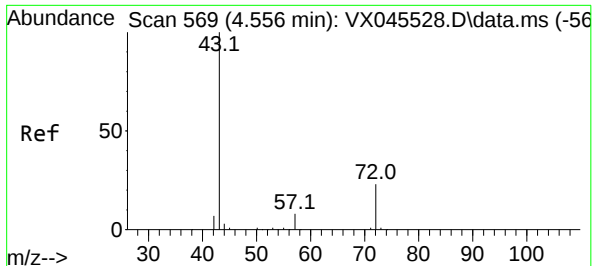
Tgt Ion: 43 Resp: 2911326
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 152.778 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

Tgt Ion: 63 Resp: 349040
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 3.9 2.2 6.6

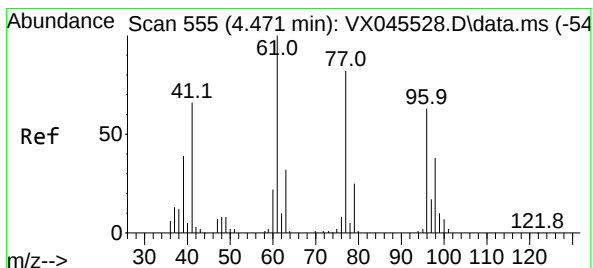
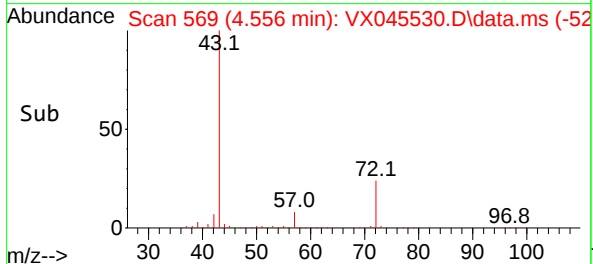
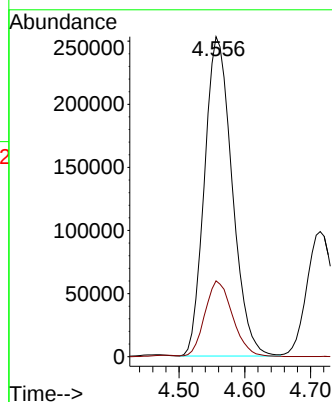
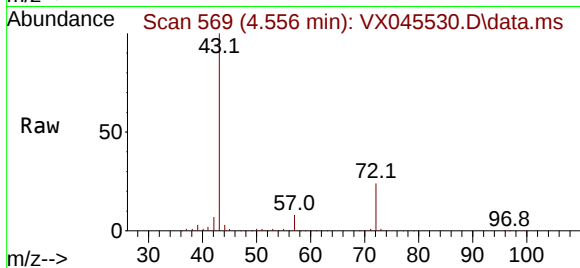




#25
2-Butanone
Concen: 747.834 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

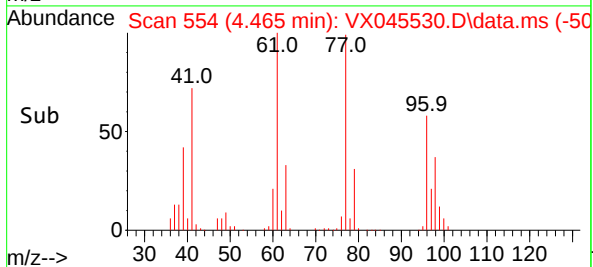
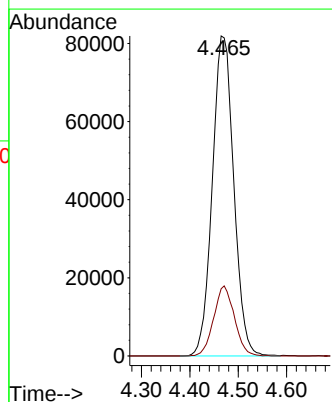
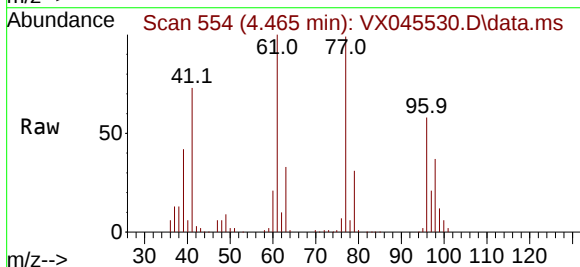
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

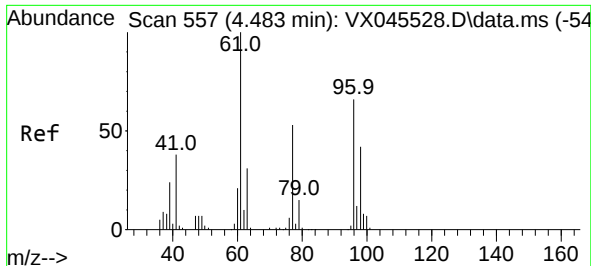
Tgt Ion: 43 Resp: 740096
Ion Ratio Lower Upper
43 100
72 23.6 18.6 28.0



#26
2,2-Dichloropropane
Concen: 170.765 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 77 Resp: 252063
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 152.571 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

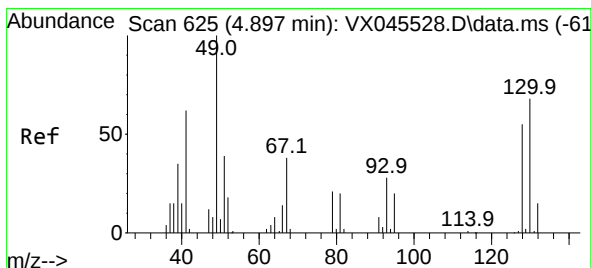
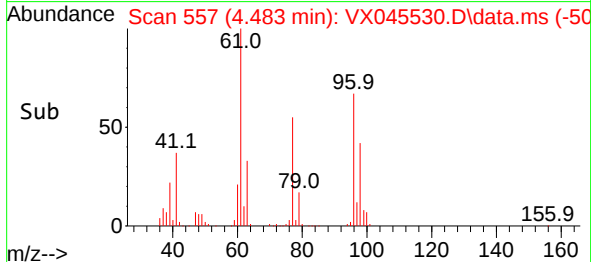
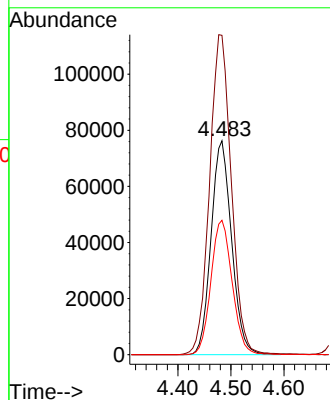
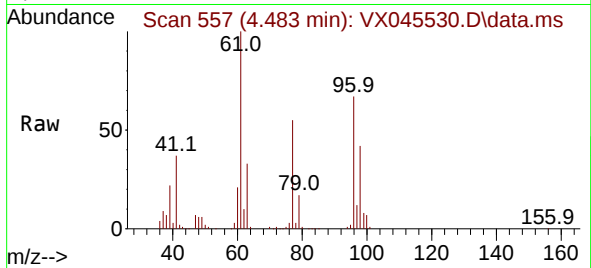
Tgt Ion: 96 Resp: 205254

Ion Ratio Lower Upper

96 100

61 158.2 0.0 313.2

98 64.9 0.0 126.4



#28

Bromochloromethane

Concen: 140.938 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

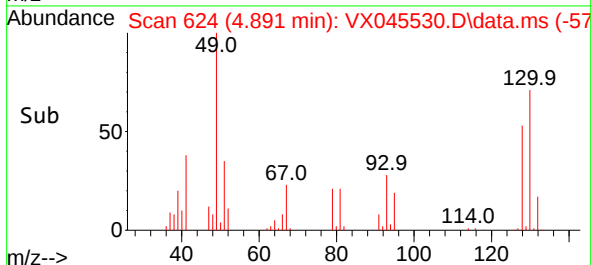
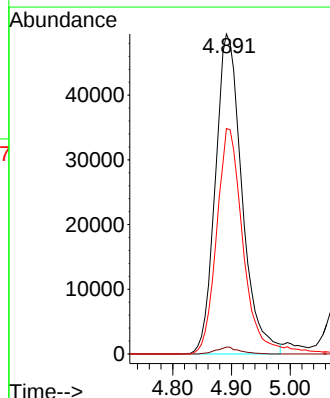
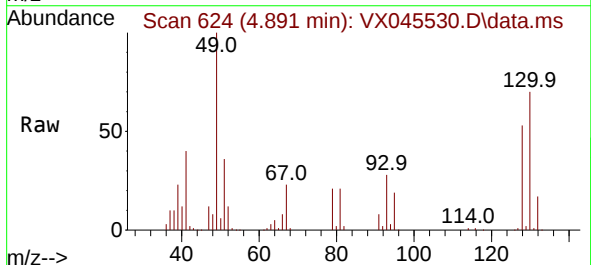
Tgt Ion: 49 Resp: 155600

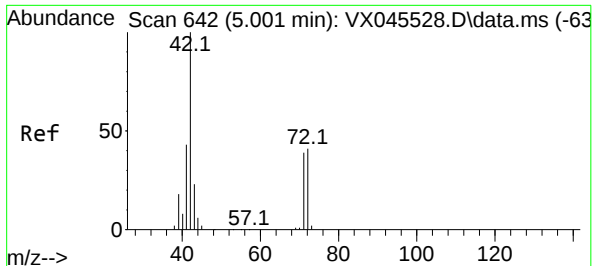
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 70.7 54.6 81.8





#29

Tetrahydrofuran

Concen: 741.226 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

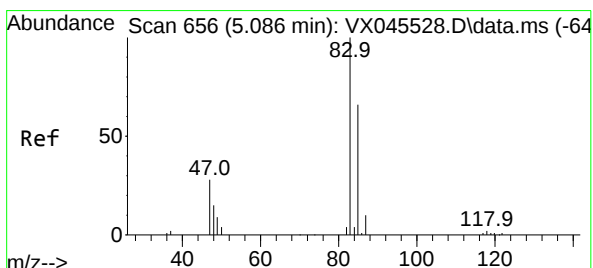
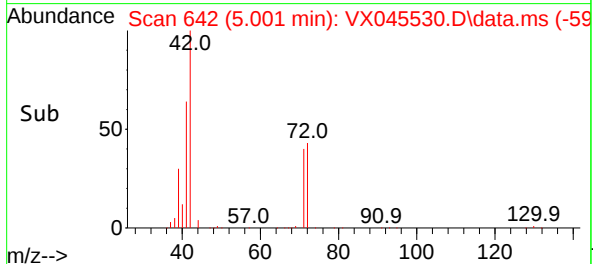
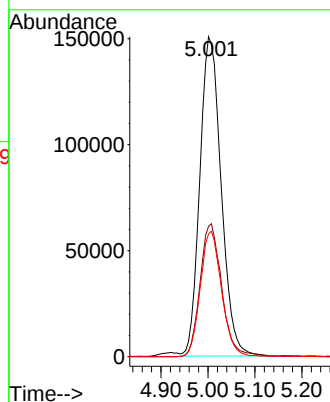
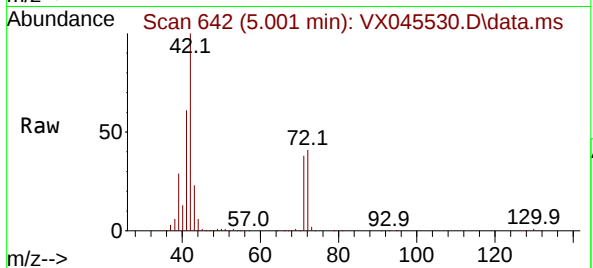
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 475589

Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.4	50.0
71	39.2	31.4	47.0



#30

Chloroform

Concen: 150.451 ug/l

RT: 5.087 min Scan# 656

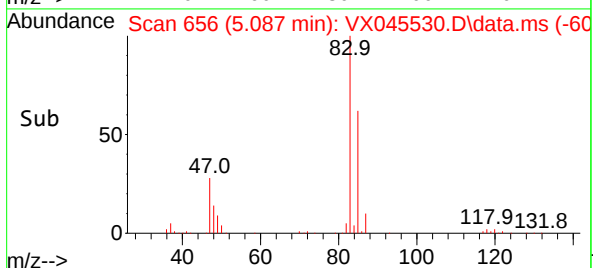
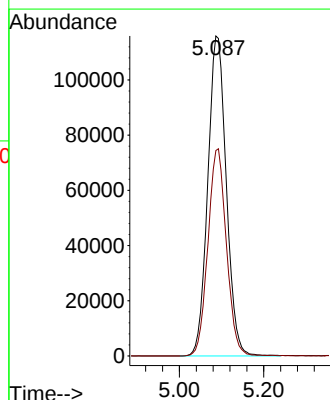
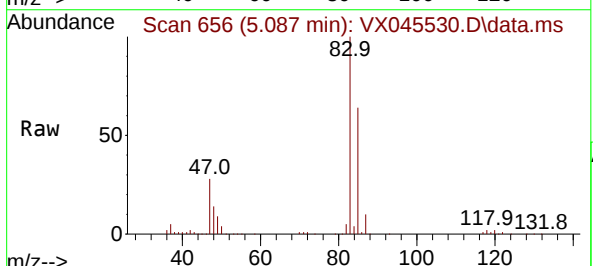
Delta R.T. 0.000 min

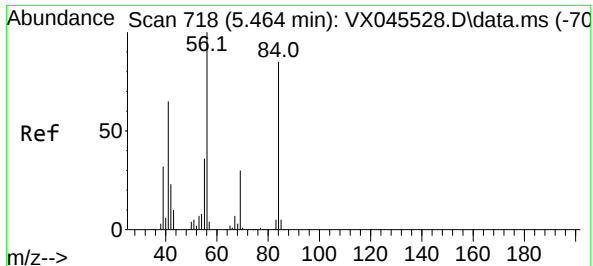
Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Tgt Ion: 83 Resp: 353681

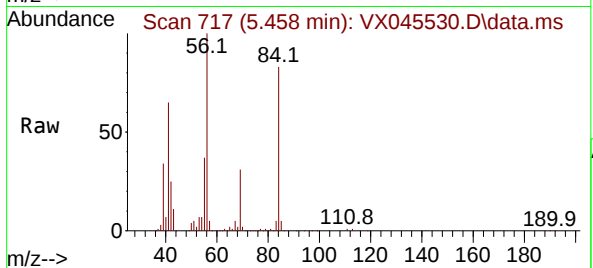
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.8	79.2



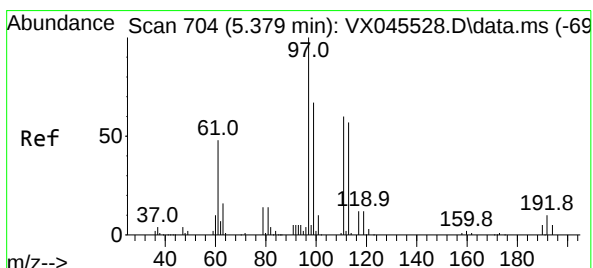
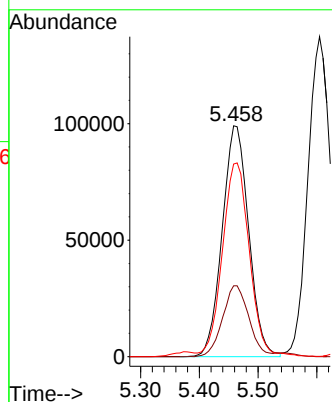
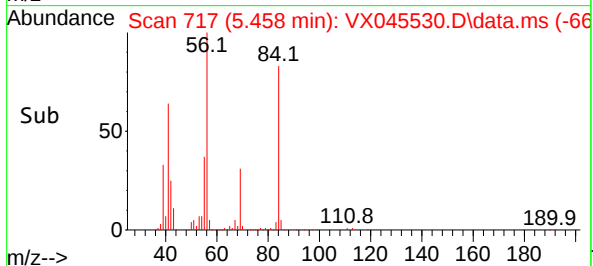


#31
Cyclohexane
Concen: 153.595 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

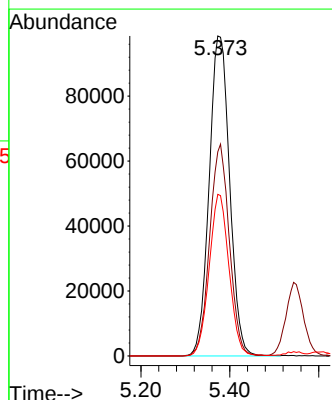
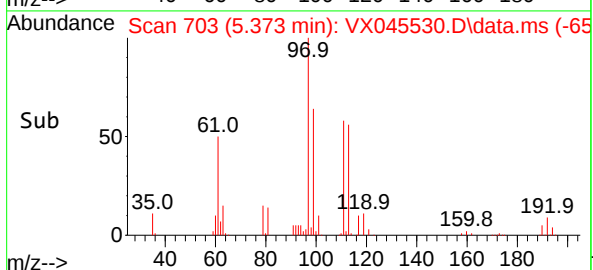
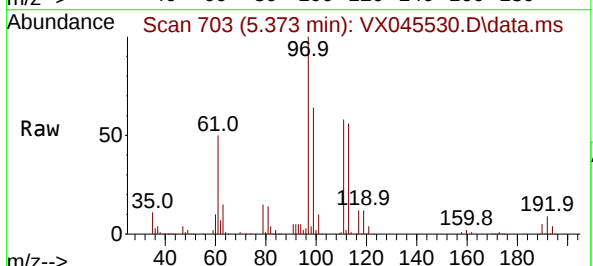


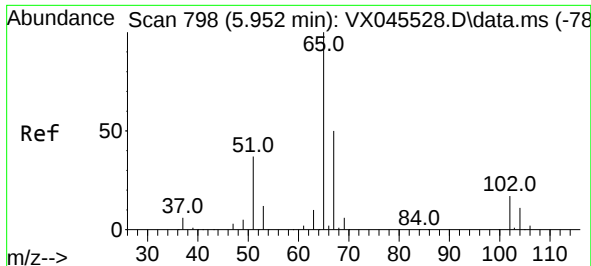
Tgt Ion: 56 Resp: 310219
Ion Ratio Lower Upper
56 100
69 30.7 23.6 35.4
84 81.9 67.7 101.5



#32
1,1,1-Trichloroethane
Concen: 158.426 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 97 Resp: 315136
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 49.1 41.0 61.4

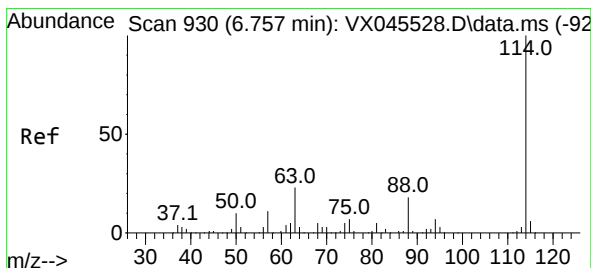
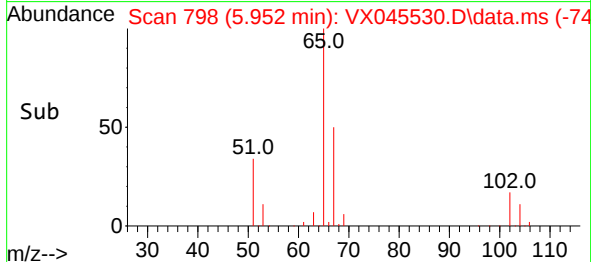
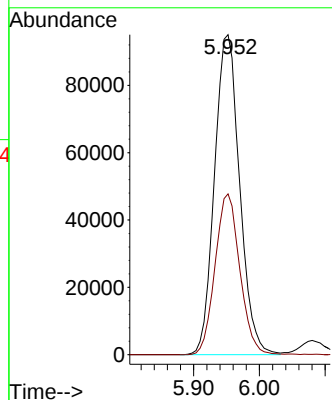
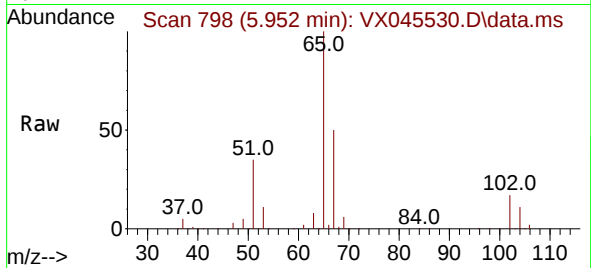




#33
 1,2-Dichloroethane-d4
 Concen: 153.661 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

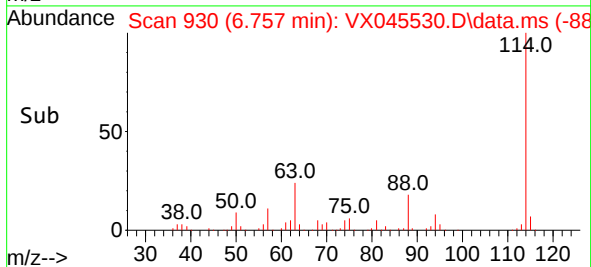
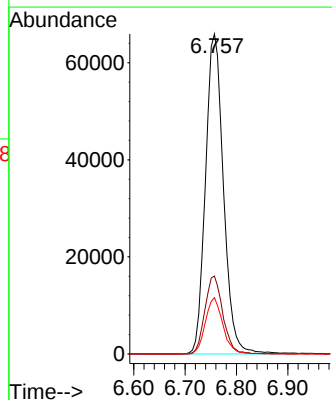
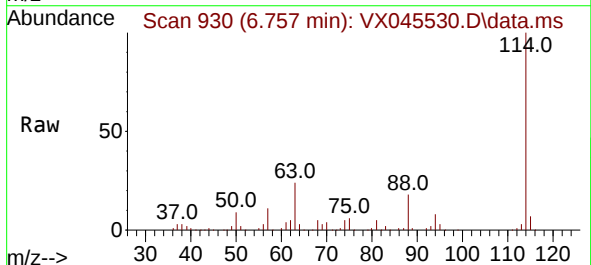
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

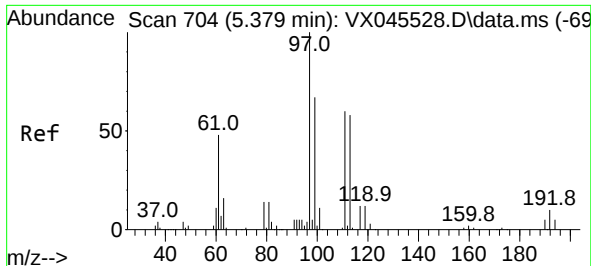
Tgt Ion: 65 Resp: 252998
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

Tgt Ion: 114 Resp: 160037
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.8
 88 17.6 0.0 35.4

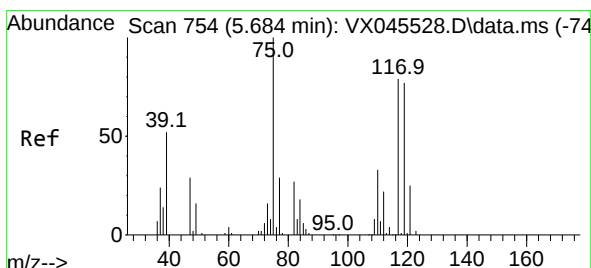
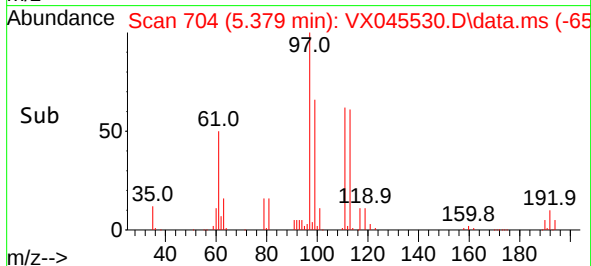
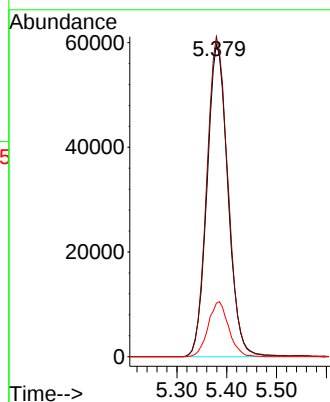
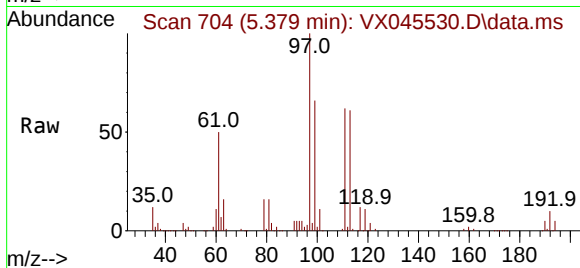




#35
 Dibromofluoromethane
 Concen: 152.887 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

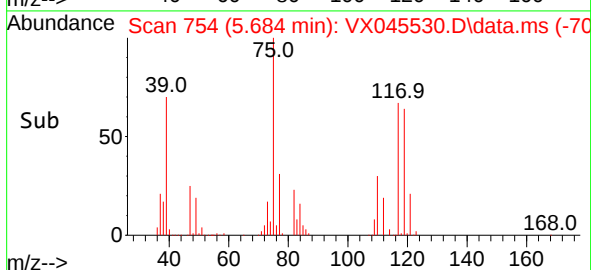
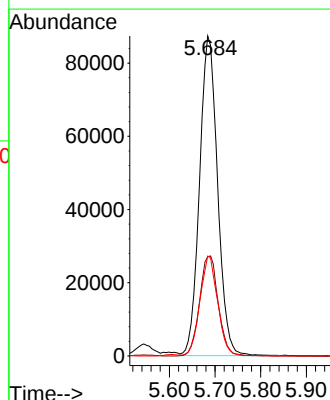
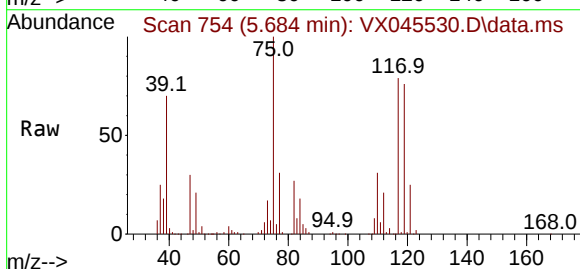
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

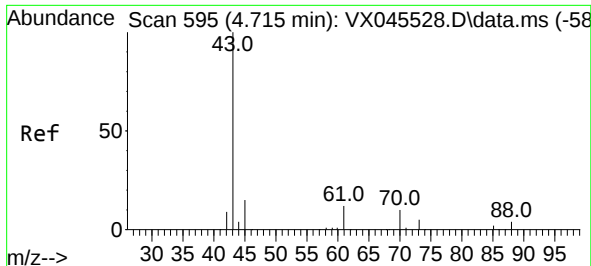
Tgt Ion:113 Resp: 173598
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 17.3 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 156.399 ug/l
 RT: 5.684 min Scan# 754
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 239776
 Ion Ratio Lower Upper
 75 100
 110 32.4 16.9 50.6
 77 30.6 25.0 37.4

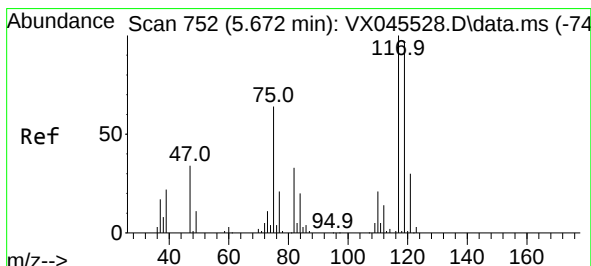
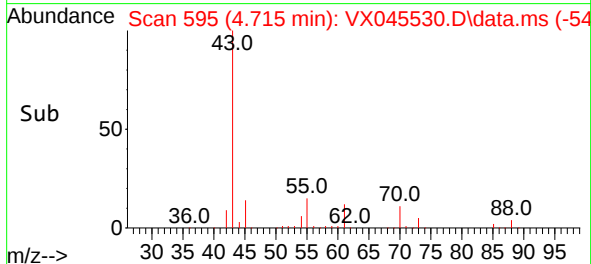
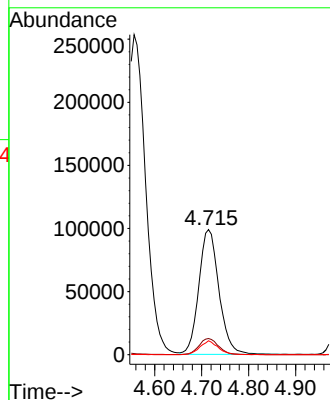
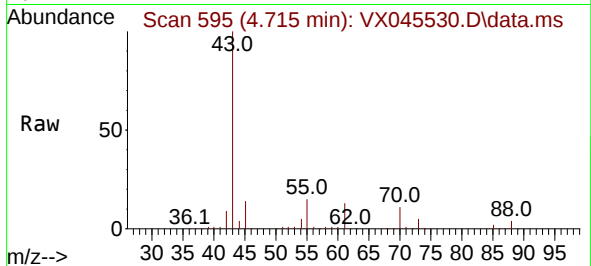




#37
Ethyl Acetate
Concen: 152.461 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

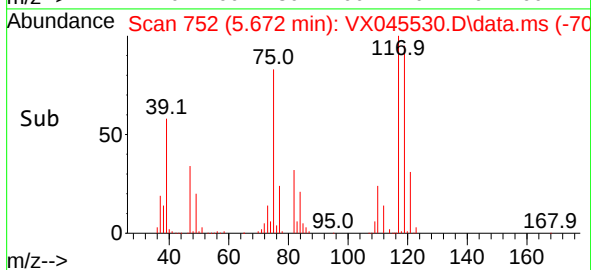
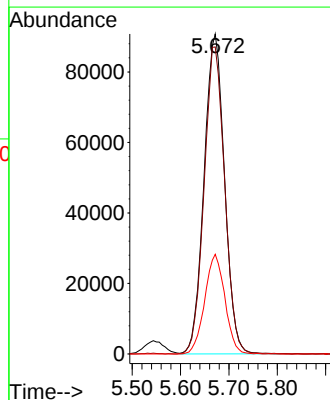
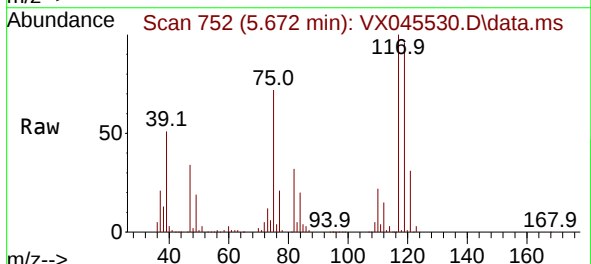
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

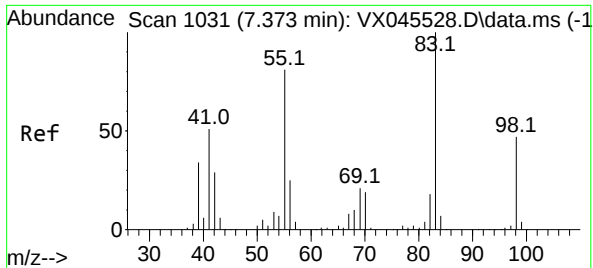
Tgt Ion: 43 Resp: 294559
Ion Ratio Lower Upper
43 100
61 12.5 9.9 14.9
70 10.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 161.005 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 117 Resp: 266770
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3
121 31.2 24.2 36.2

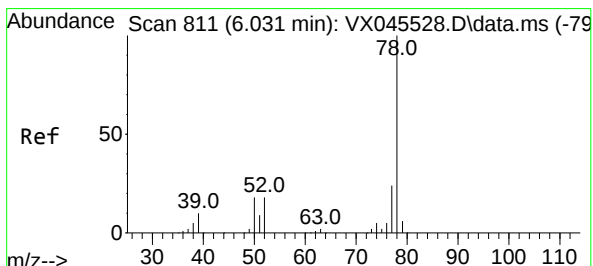
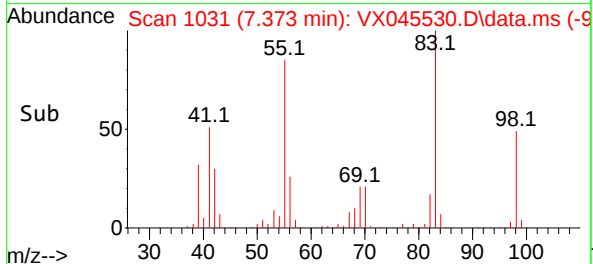
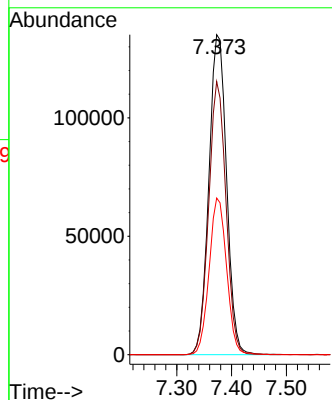
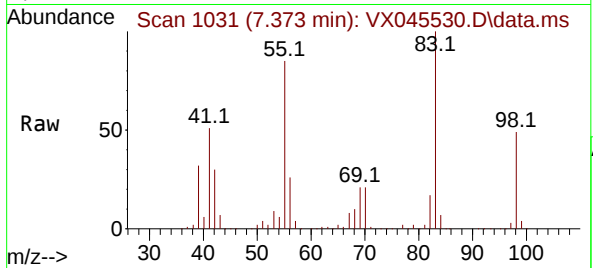




#39
Methylcyclohexane
Concen: 161.366 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

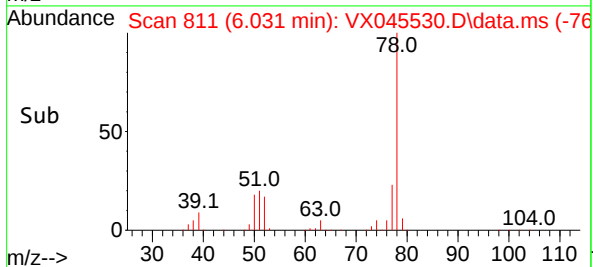
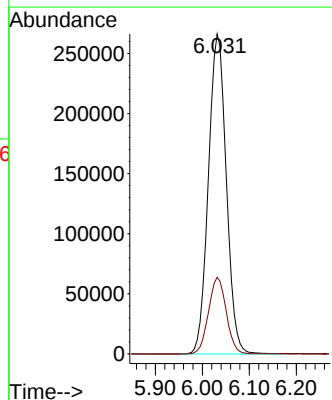
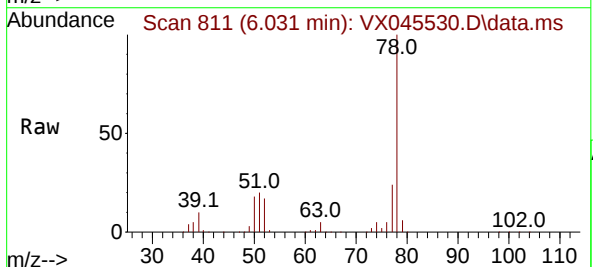
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

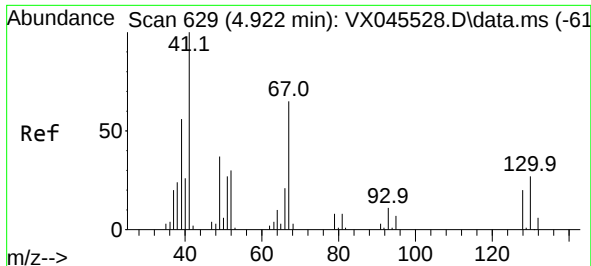
Tgt Ion: 83 Resp: 303251
Ion Ratio Lower Upper
83 100
55 85.4 64.9 97.3
98 49.0 37.4 56.0



#40
Benzene
Concen: 150.208 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 78 Resp: 703311
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



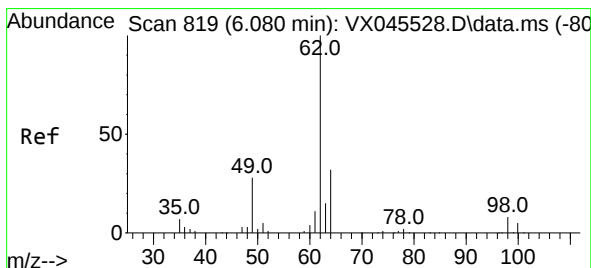
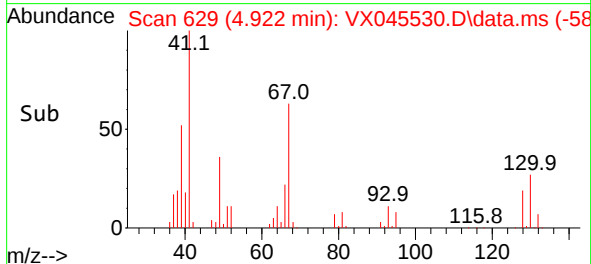
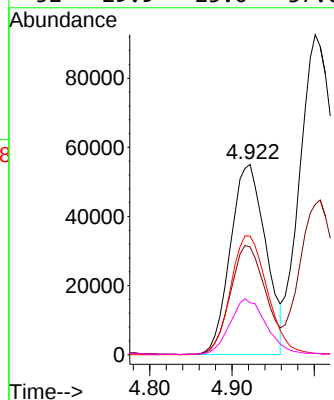
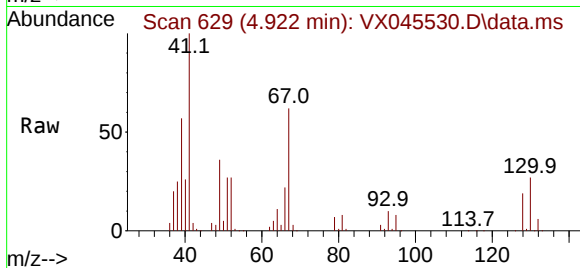


#41
Methacrylonitrile
Concen: 160.155 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 164699

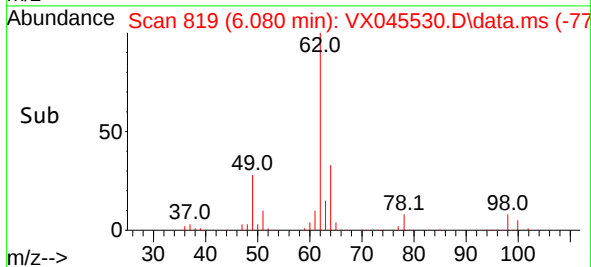
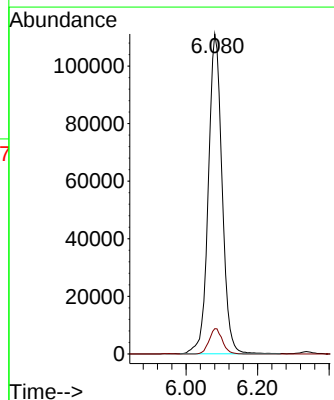
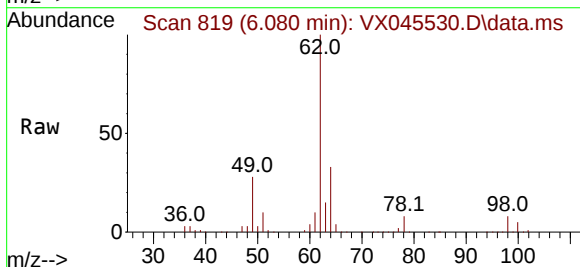
Ion	Ratio	Lower	Upper
41	100		
39	57.4	47.0	70.6
67	65.5	53.2	79.8
52	29.9	25.0	37.6

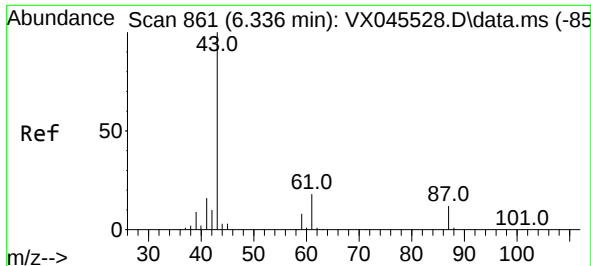


#42
1,2-Dichloroethane
Concen: 153.146 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 62 Resp: 296168

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2

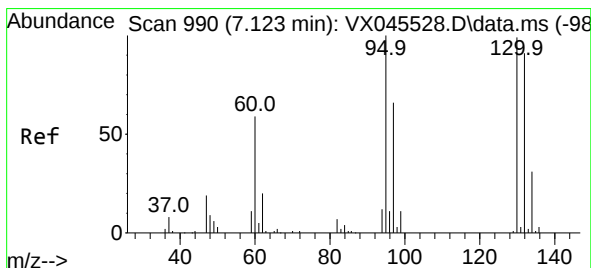
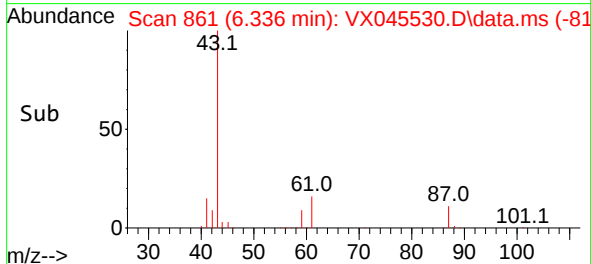
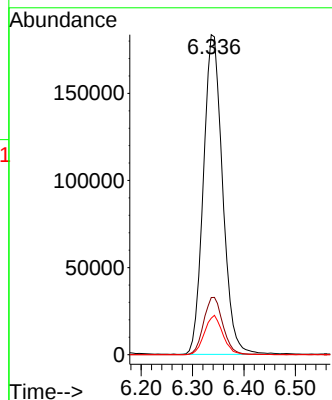
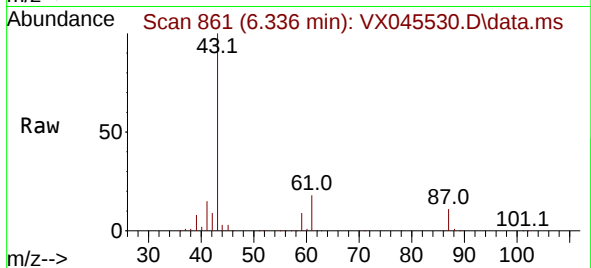




#43
Isopropyl Acetate
Concen: 162.494 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

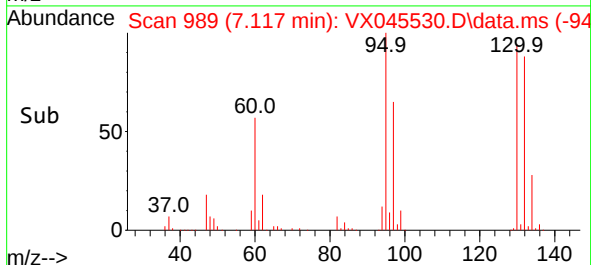
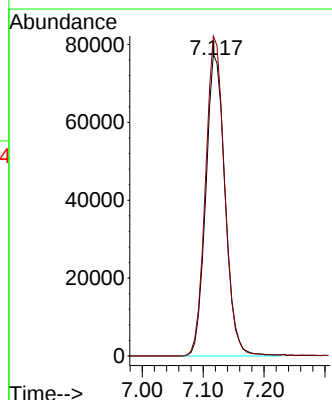
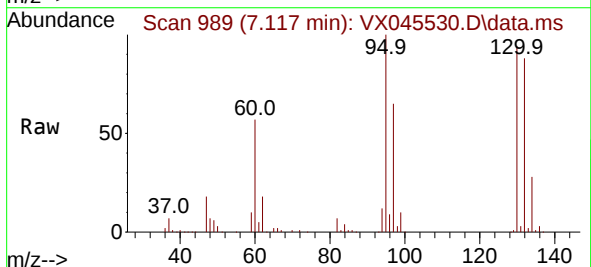
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

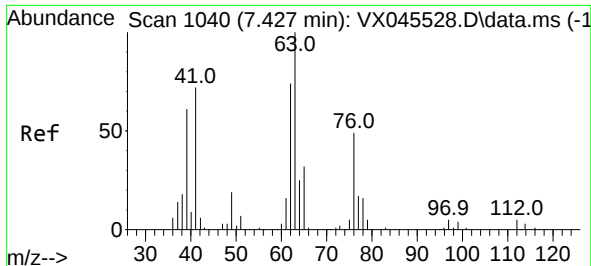
Tgt Ion: 43 Resp: 475823
Ion Ratio Lower Upper
43 100
61 18.1 14.1 21.1
87 11.8 9.2 13.8



#44
Trichloroethene
Concen: 153.599 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:130 Resp: 170940
Ion Ratio Lower Upper
130 100
95 106.1 0.0 202.0

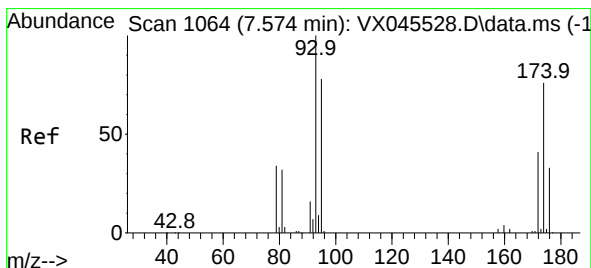
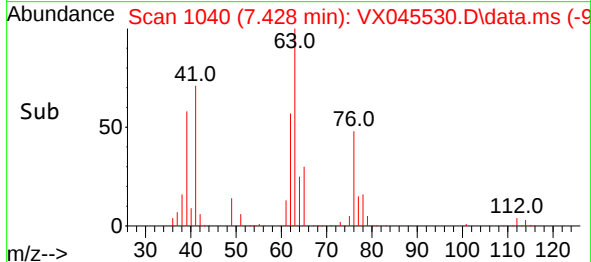
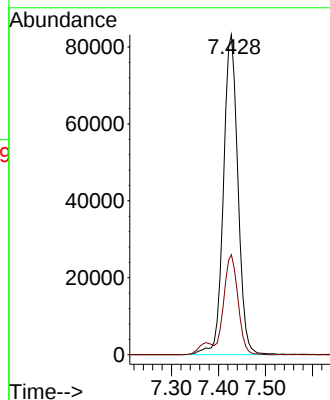
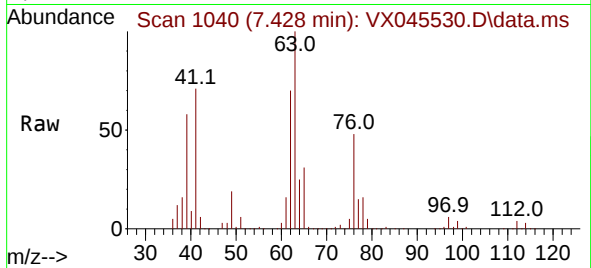




#45
1,2-Dichloropropane
Concen: 153.610 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

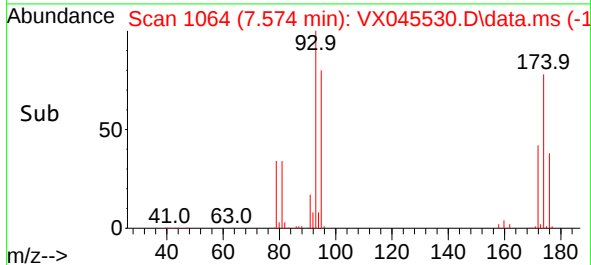
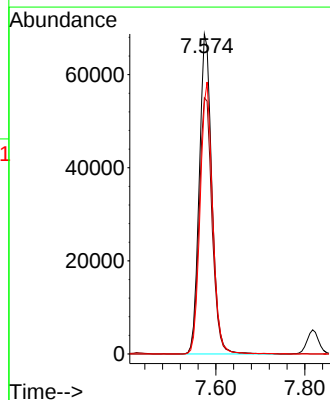
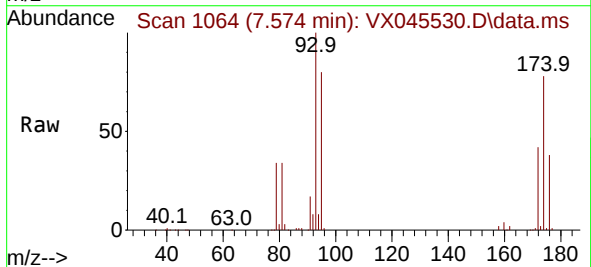
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

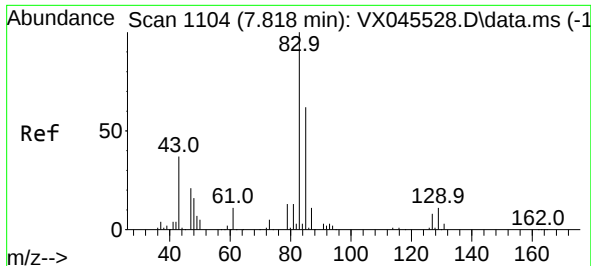
Tgt Ion: 63 Resp: 179457
Ion Ratio Lower Upper
63 100
65 31.3 25.8 38.6



#46
Dibromomethane
Concen: 150.996 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 93 Resp: 135415
Ion Ratio Lower Upper
93 100
95 82.4 64.8 97.2
174 84.1 65.4 98.0

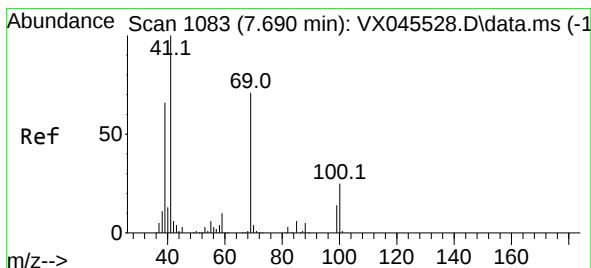
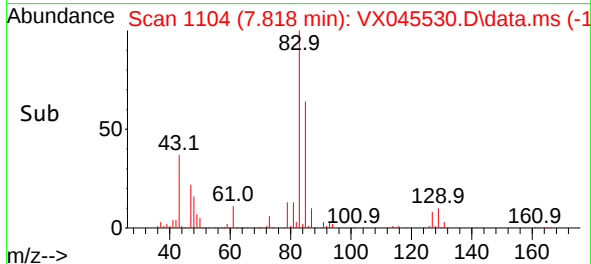
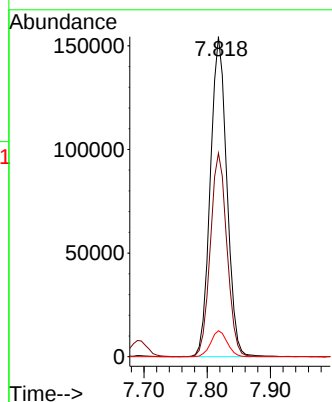
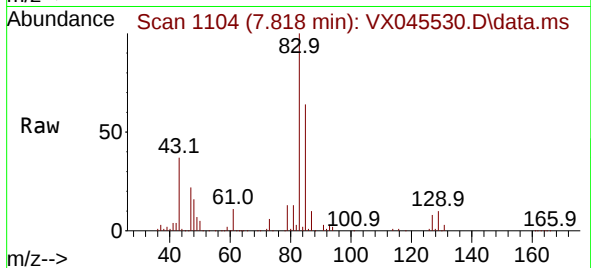




#47
Bromodichloromethane
Concen: 156.272 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

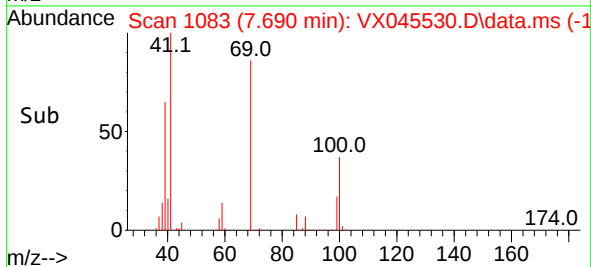
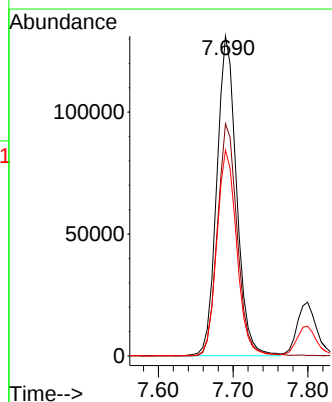
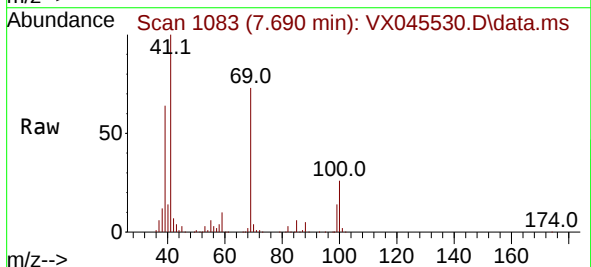
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

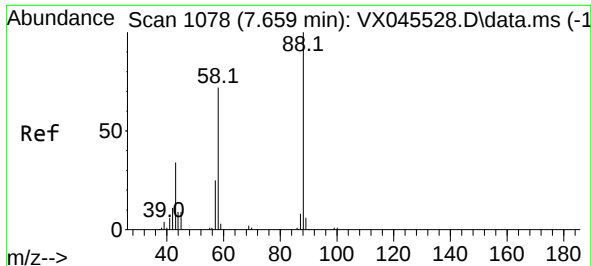
Tgt Ion: 83 Resp: 279881
Ion Ratio Lower Upper
83 100
85 63.6 49.7 74.5
127 8.1 6.1 9.1



#48
Methyl methacrylate
Concen: 159.281 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 41 Resp: 240818
Ion Ratio Lower Upper
41 100
69 73.0 58.2 87.2
39 64.9 53.6 80.4





#49

1,4-Dioxane

Concen: 2739.196 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

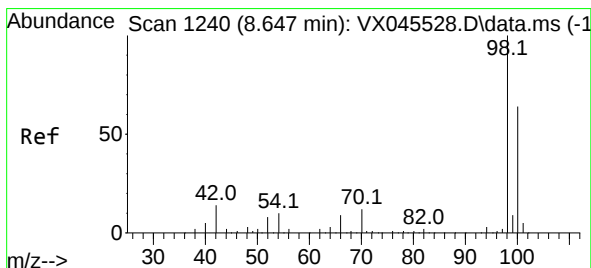
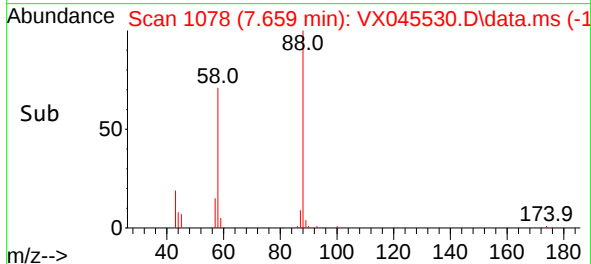
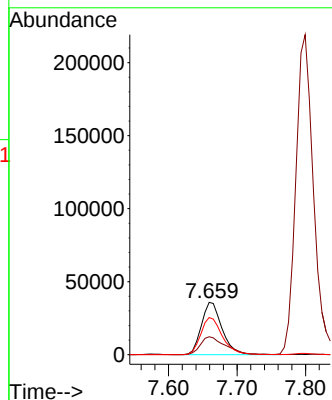
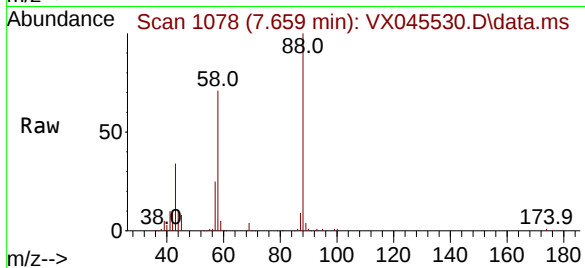
Tgt Ion: 88 Resp: 74929

Ion Ratio Lower Upper

88 100

43 40.8 32.2 48.4

58 74.2 58.6 88.0



#50

Toluene-d8

Concen: 152.216 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045530.D

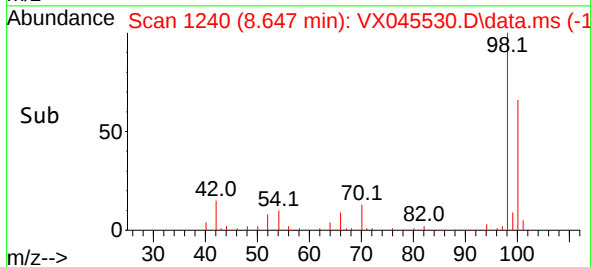
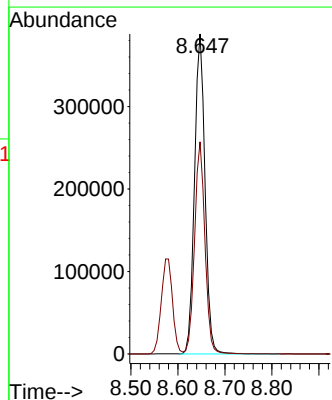
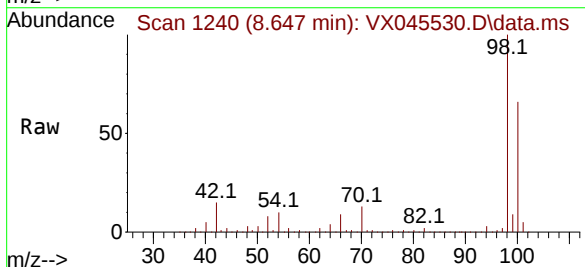
Acq: 01 Apr 2025 19:02

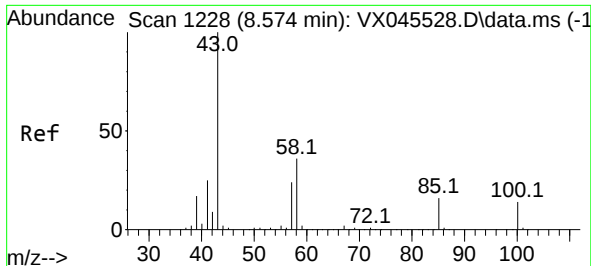
Tgt Ion: 98 Resp: 603264

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4

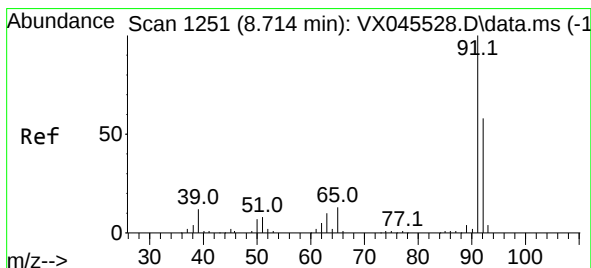
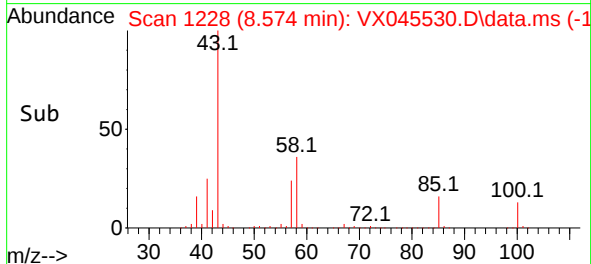
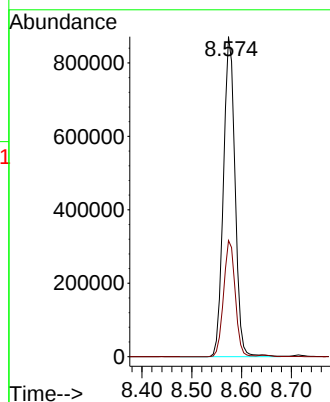
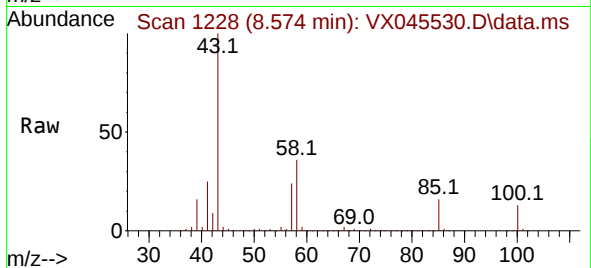




#51
4-Methyl-2-Pentanone
Concen: 728.817 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

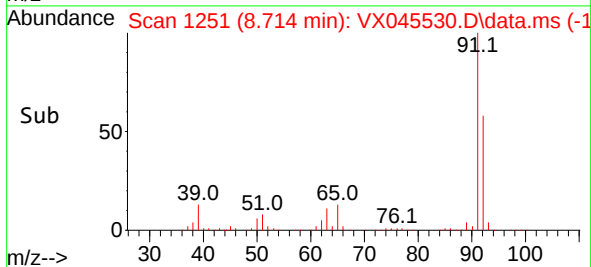
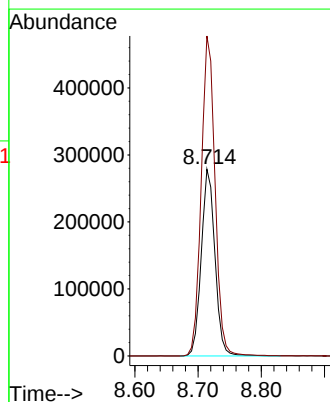
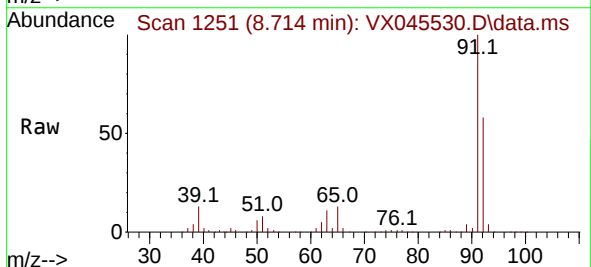
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

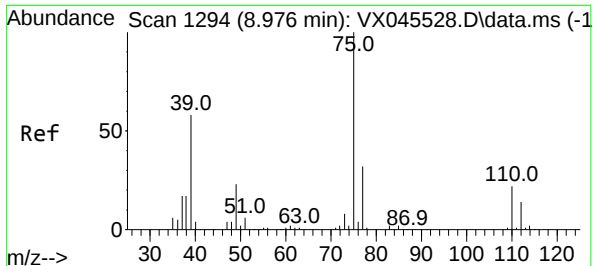
Tgt Ion: 43 Resp: 1414771
Ion Ratio Lower Upper
43 100
58 36.2 28.5 42.7



#52
Toluene
Concen: 148.245 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 92 Resp: 420015
Ion Ratio Lower Upper
92 100
91 173.3 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 150.589 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

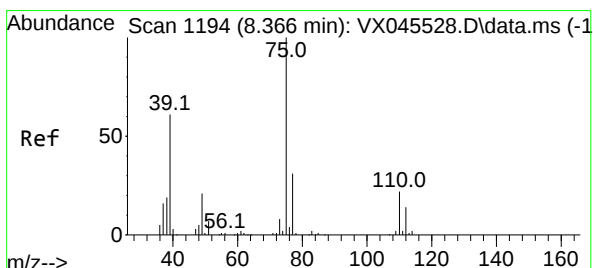
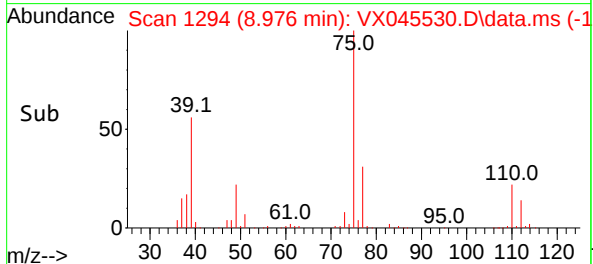
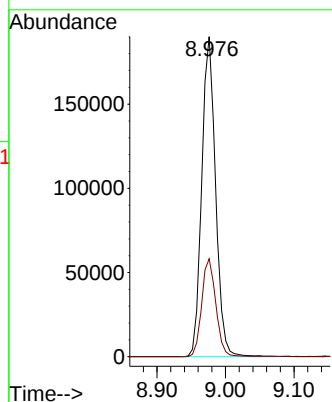
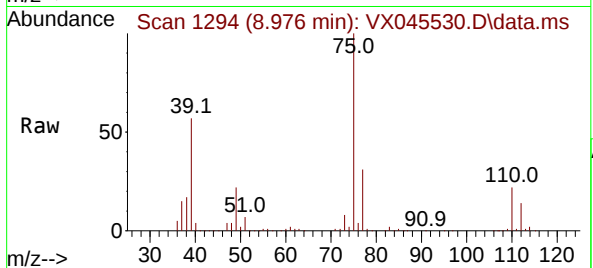
VSTDIC150

Tgt Ion: 75 Resp: 267671

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 171.104 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

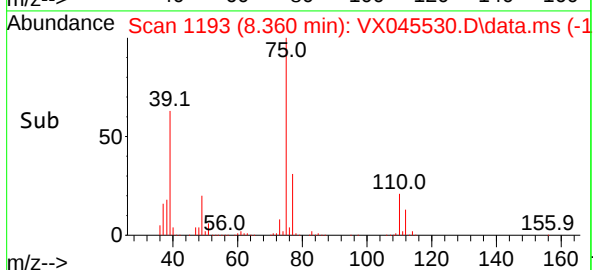
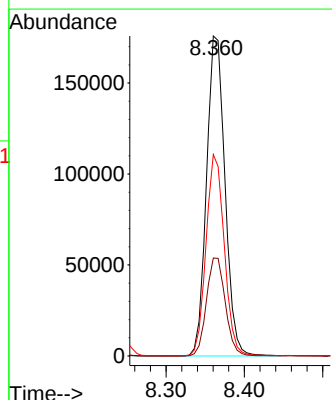
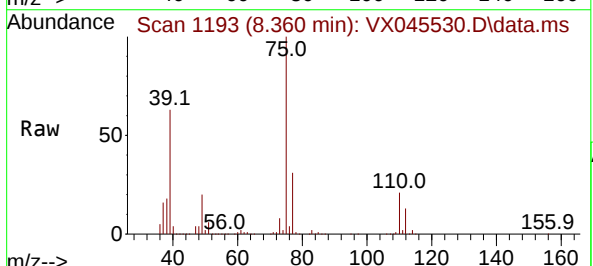
Tgt Ion: 75 Resp: 287973

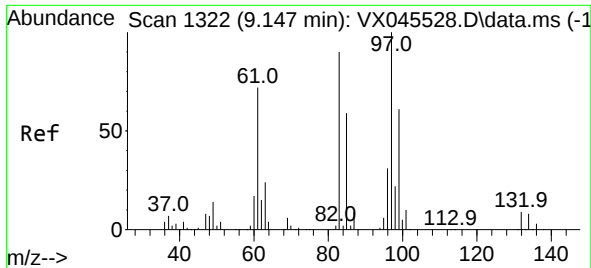
Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 62.9 48.4 72.6



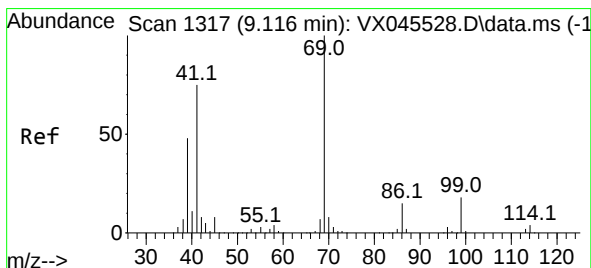
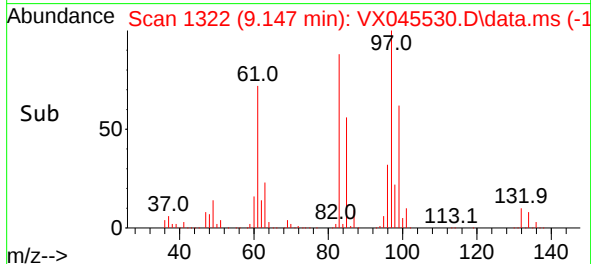
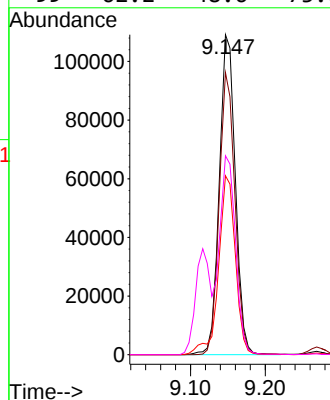
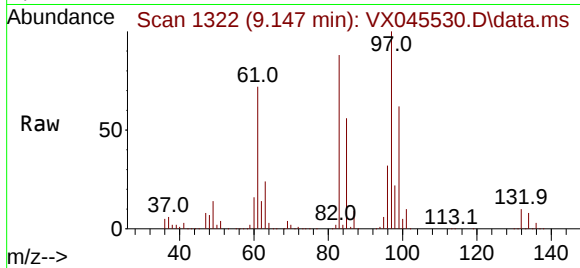


#55
1,1,2-Trichloroethane
Concen: 144.752 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 163426

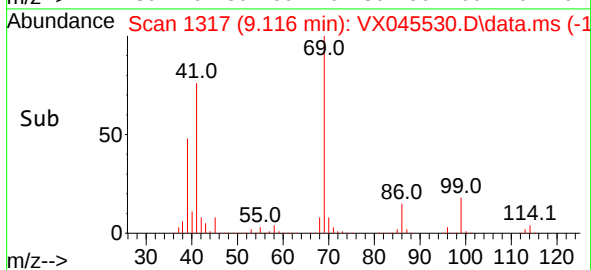
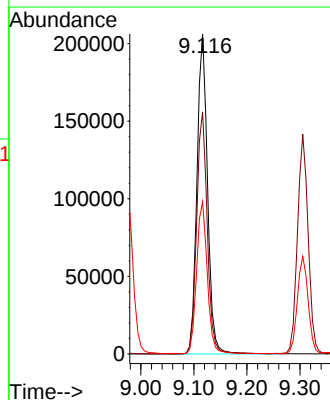
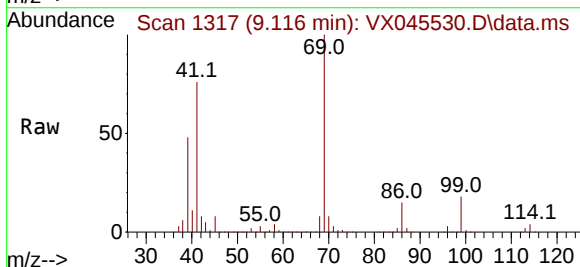
Ion	Ratio	Lower	Upper
97	100		
83	88.2	71.8	107.8
85	55.9	47.0	70.6
99	62.2	48.6	73.0

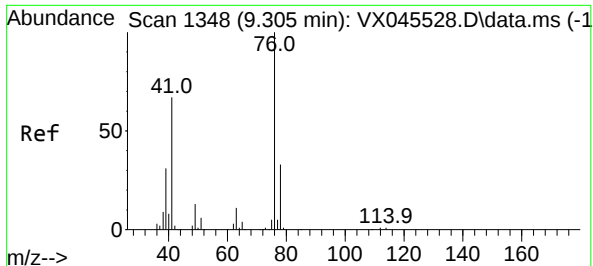


#56
Ethyl methacrylate
Concen: 163.624 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 69 Resp: 285895

Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.3	91.9
39	48.0	40.2	60.2

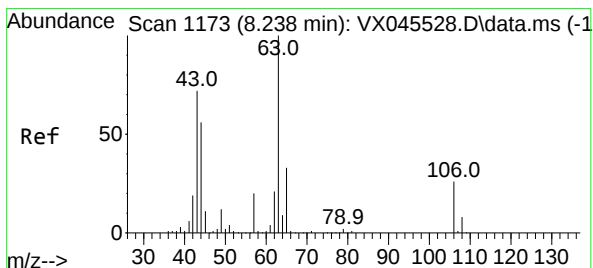
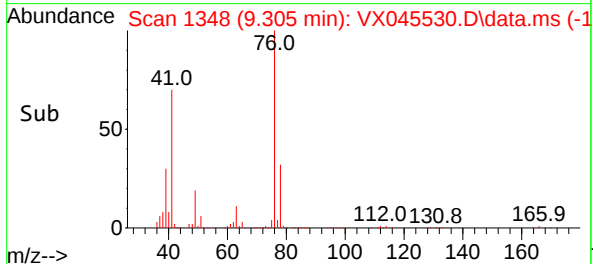
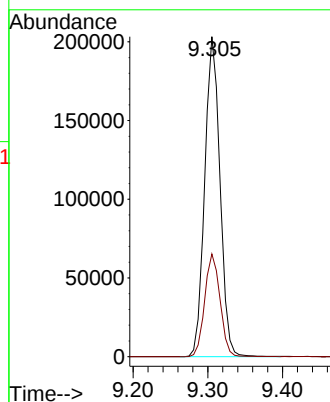
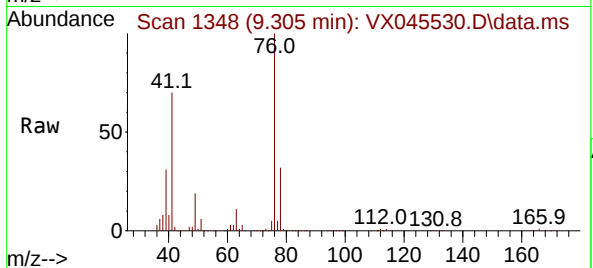




#57
1,3-Dichloropropane
Concen: 146.708 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

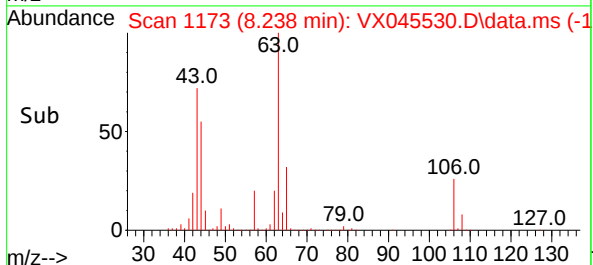
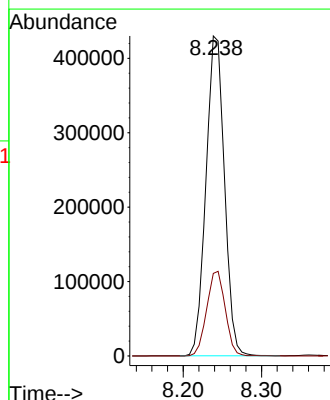
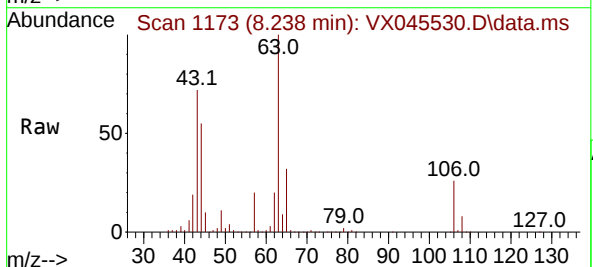
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

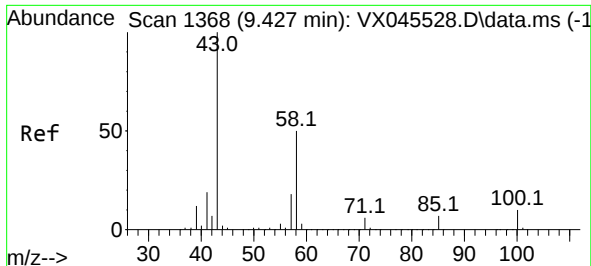
Tgt Ion: 76 Resp: 288430
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 796.340 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 63 Resp: 703881
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.6





#59

2-Hexanone

Concen: 733.198 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

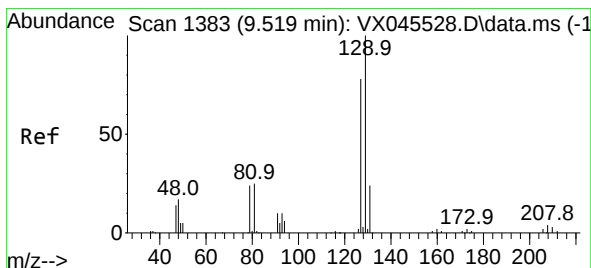
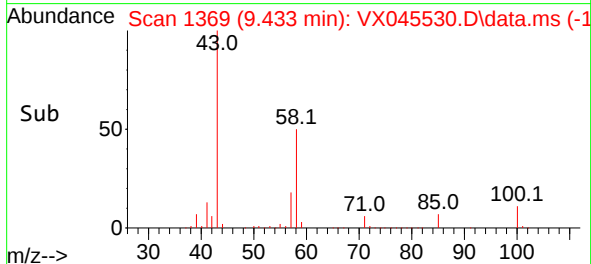
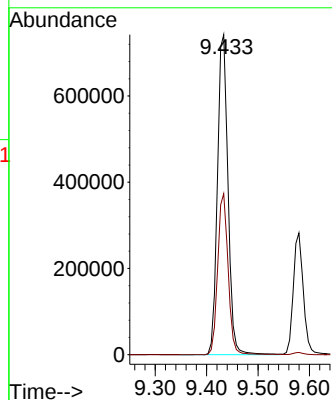
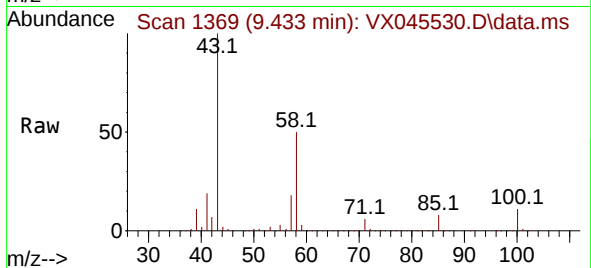
VSTDIC150

Tgt Ion: 43 Resp: 1053971

Ion Ratio Lower Upper

43 100

58 49.8 24.9 74.6



#60

Dibromochloromethane

Concen: 157.895 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045530.D

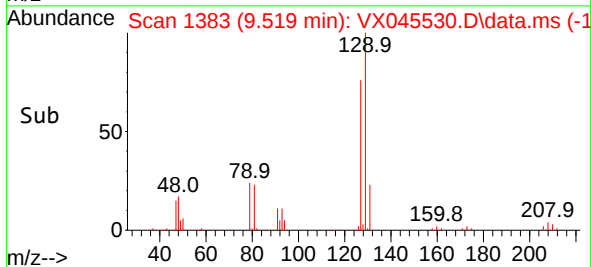
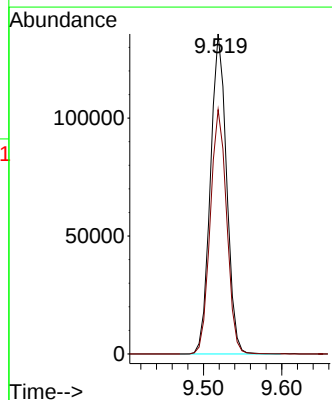
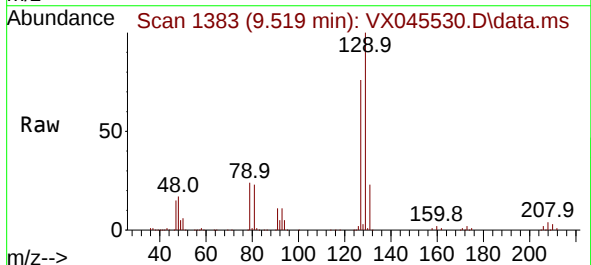
Acq: 01 Apr 2025 19:02

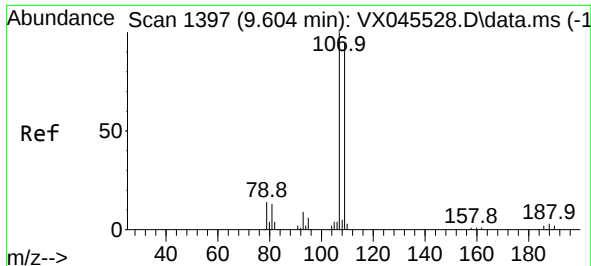
Tgt Ion: 129 Resp: 194342

Ion Ratio Lower Upper

129 100

127 77.4 39.4 118.2

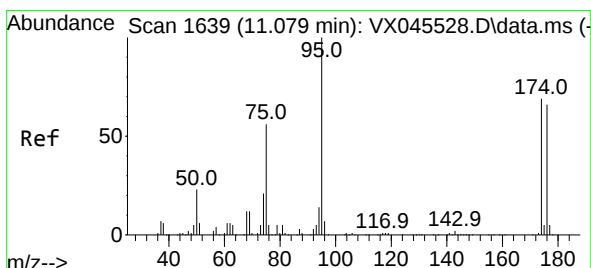
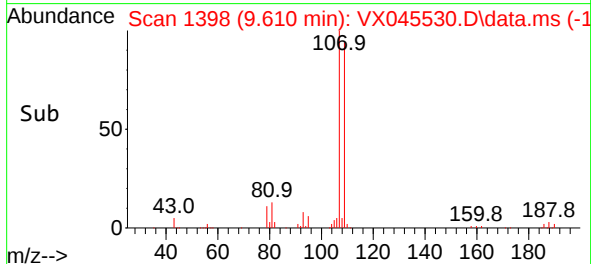
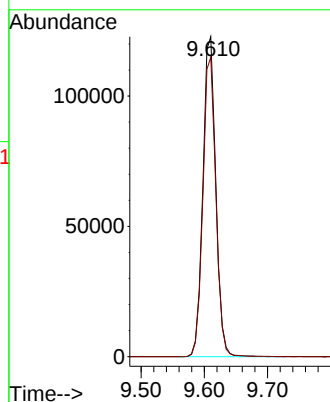
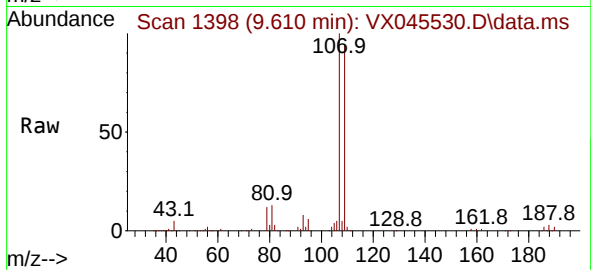




#61
1,2-Dibromoethane
Concen: 152.745 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

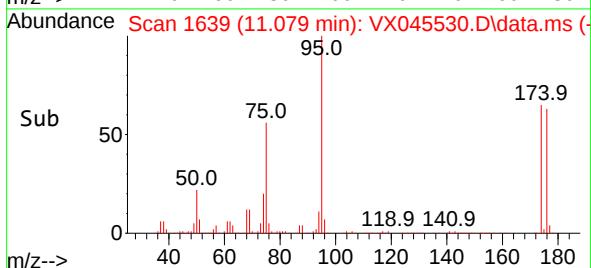
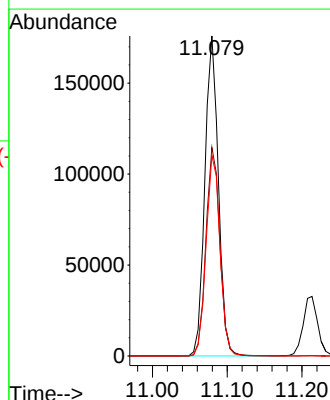
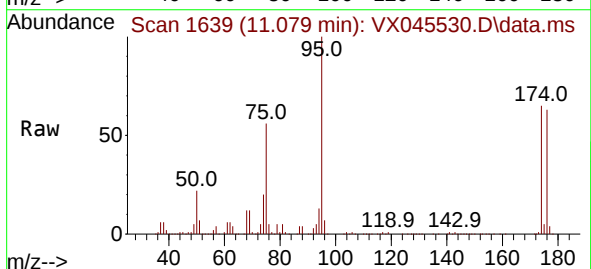
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

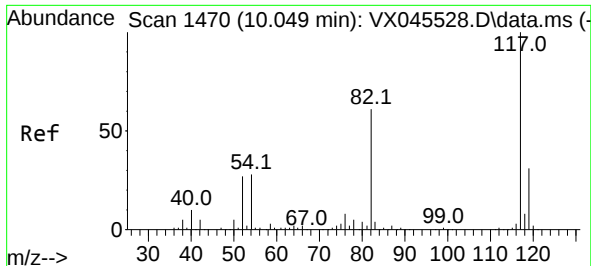
Tgt Ion:107 Resp: 174571
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 153.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 95 Resp: 220921
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.3 0.0 131.4

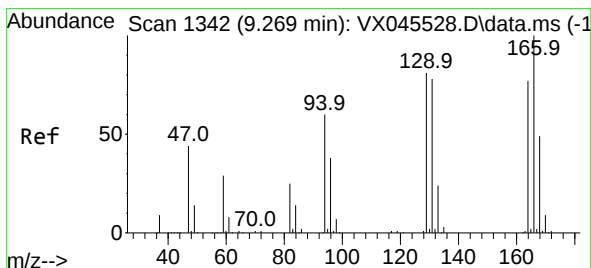
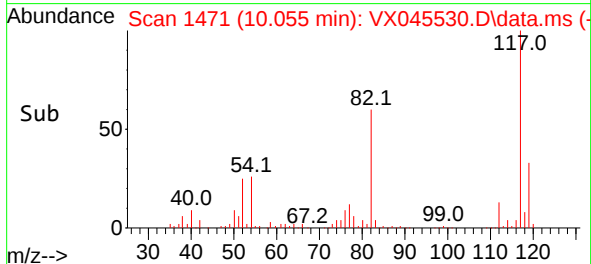
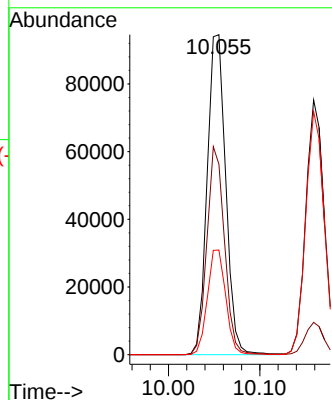
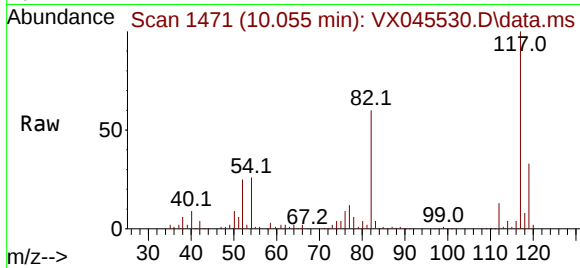




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

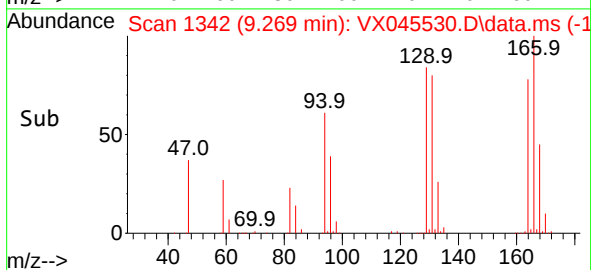
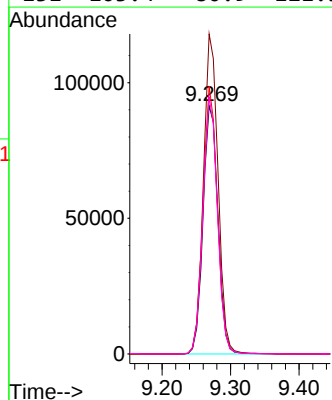
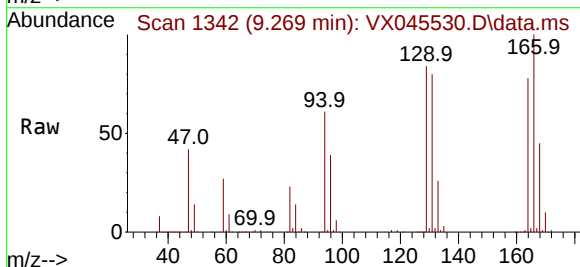
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

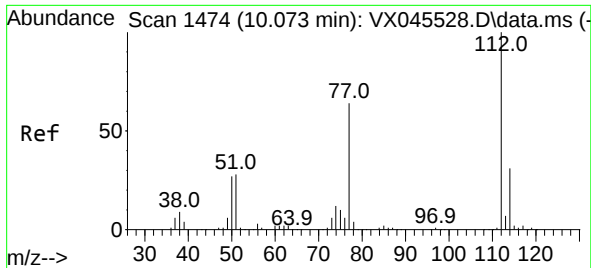
Tgt Ion:117 Resp: 133342
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 147.568 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:164 Resp: 138926
Ion Ratio Lower Upper
164 100
166 128.9 103.8 155.8
129 107.9 84.3 126.5
131 103.4 80.9 121.3

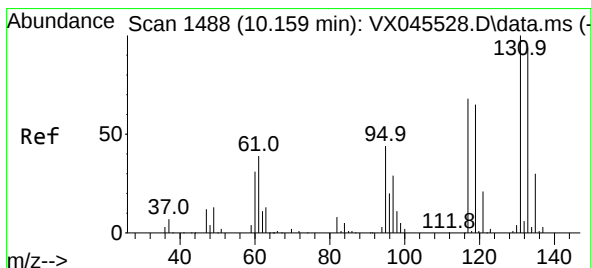
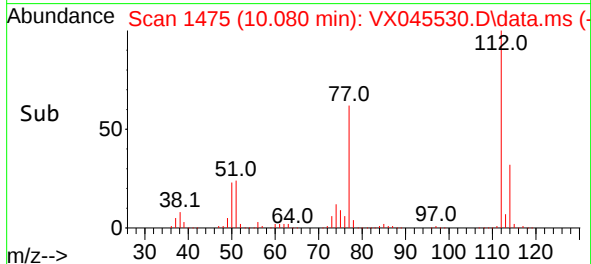
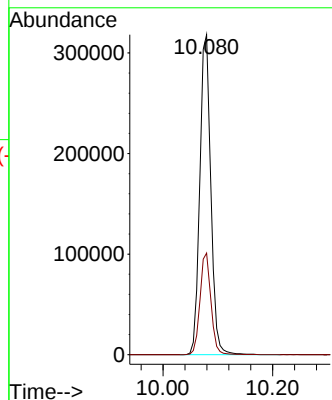
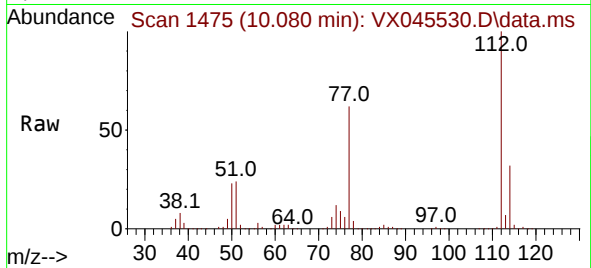




#65
Chlorobenzene
Concen: 156.049 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

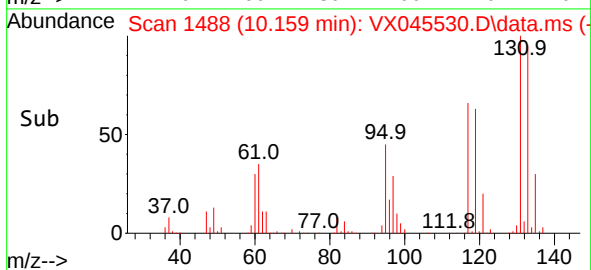
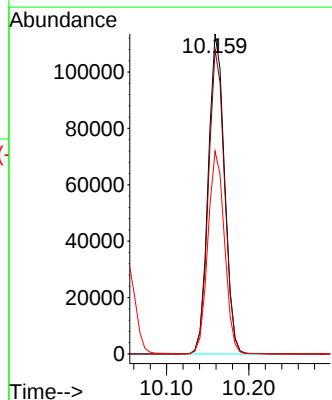
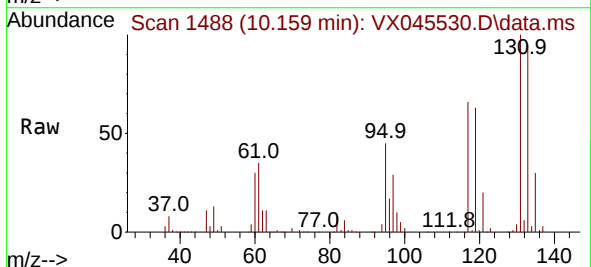
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

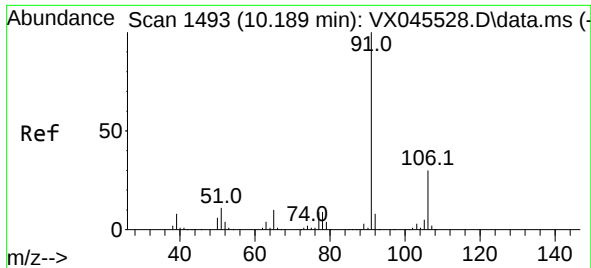
Tgt Ion:112 Resp: 444631
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 157.769 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:131 Resp: 156069
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 64.4 32.9 98.6

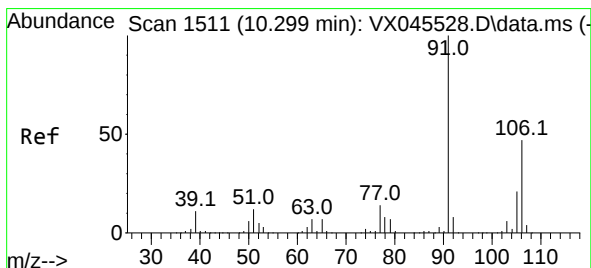
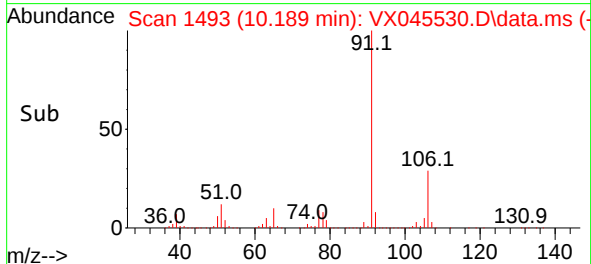
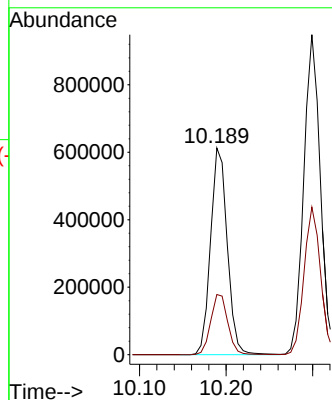
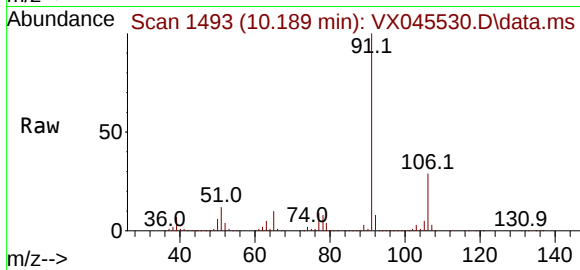




#67
Ethyl Benzene
Concen: 160.907 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

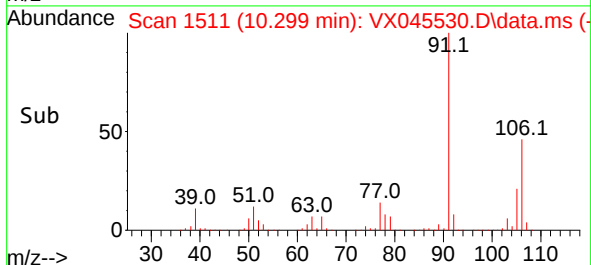
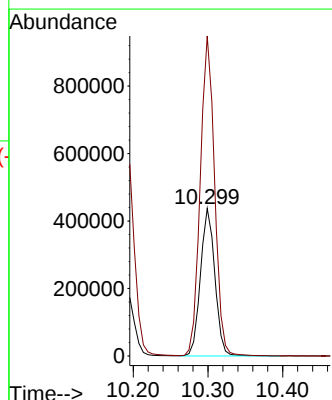
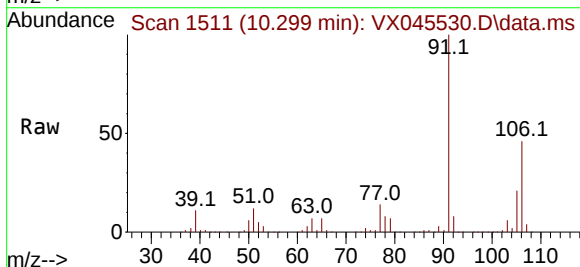
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

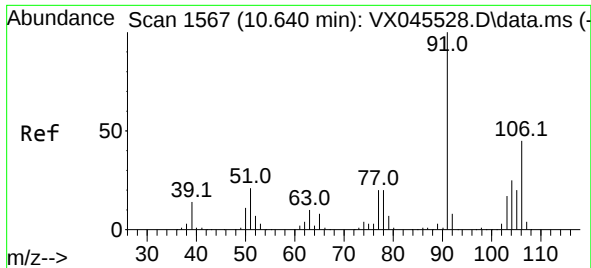
Tgt Ion: 91 Resp: 821130
Ion Ratio Lower Upper
91 100
106 29.1 23.7 35.5



#68
m/p-Xylenes
Concen: 314.231 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 106 Resp: 583228
Ion Ratio Lower Upper
106 100
91 216.7 172.6 258.8

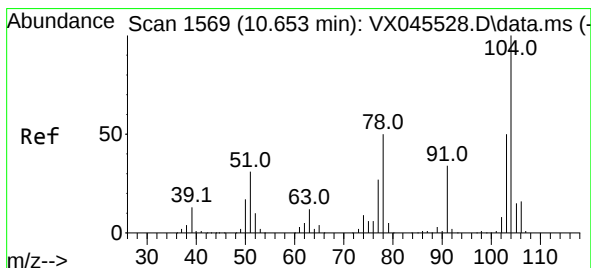
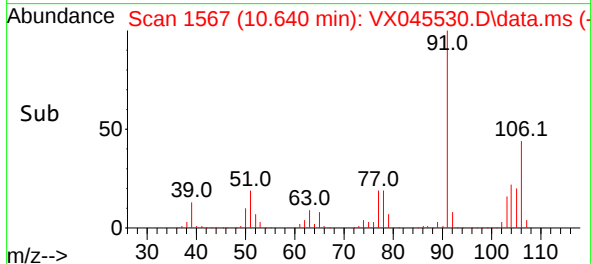
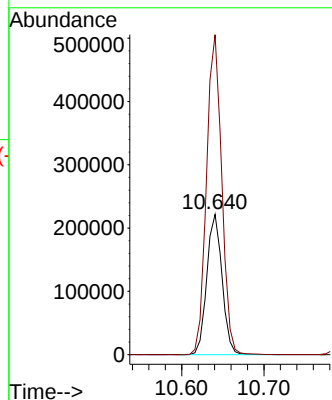
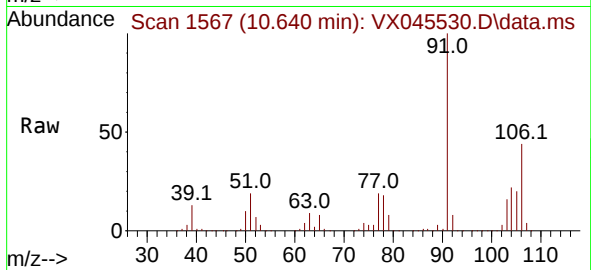




#69
o-Xylene
Concen: 156.241 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

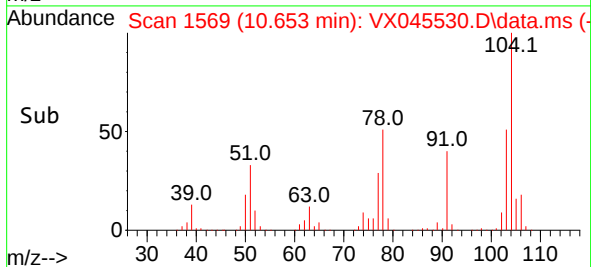
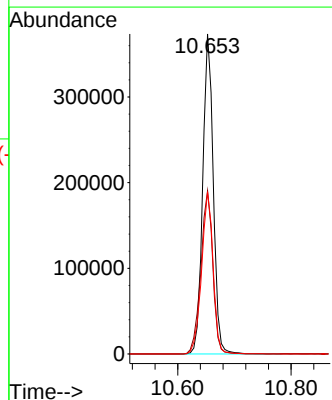
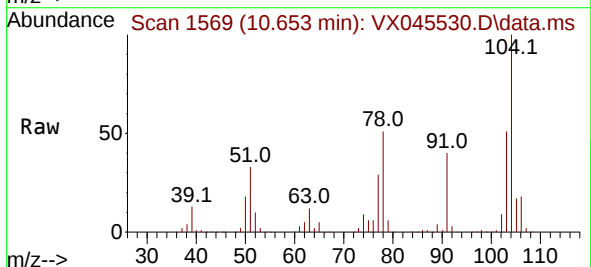
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

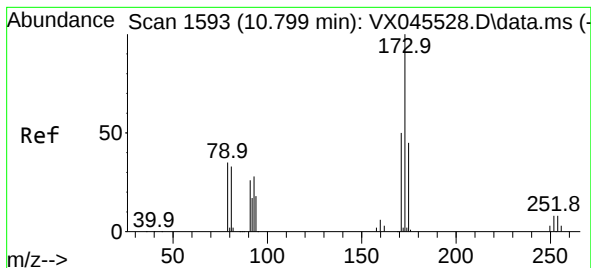
Tgt Ion:106 Resp: 285670
Ion Ratio Lower Upper
106 100
91 227.6 113.6 340.6



#70
Styrene
Concen: 159.299 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:104 Resp: 480722
Ion Ratio Lower Upper
104 100
78 57.9 45.4 68.2
103 55.4 43.8 65.8





#71

Bromoform

Concen: 170.743 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

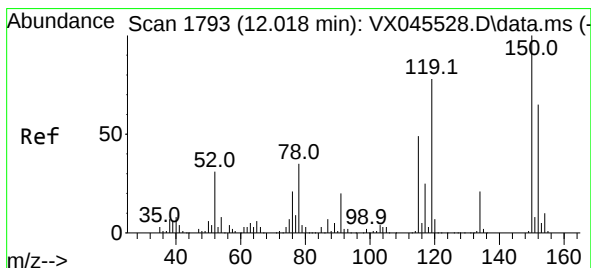
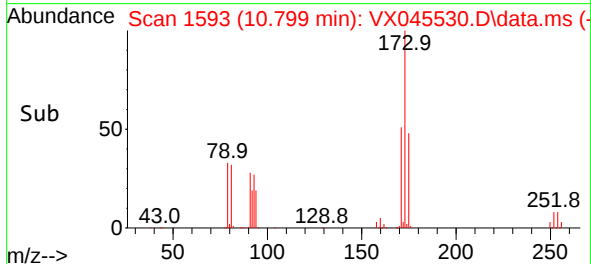
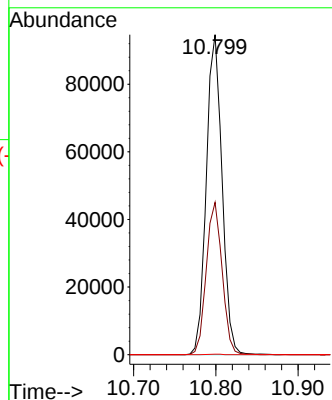
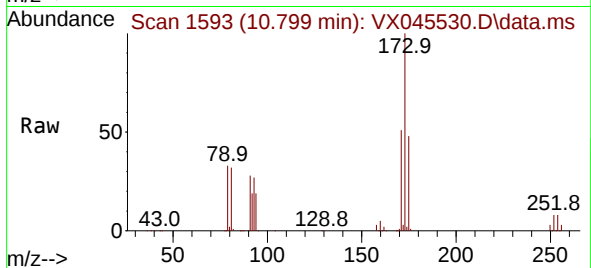
Tgt Ion:173 Resp: 126115

Ion Ratio Lower Upper

173 100

175 48.0 23.4 70.2

254 0.1 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: VX045530.D

Acq: 01 Apr 2025 19:02

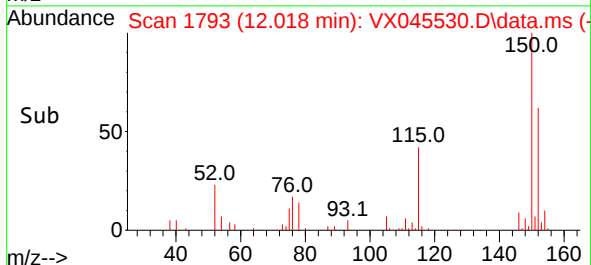
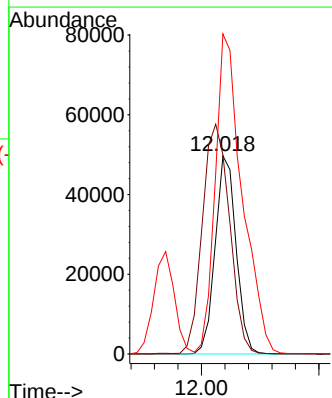
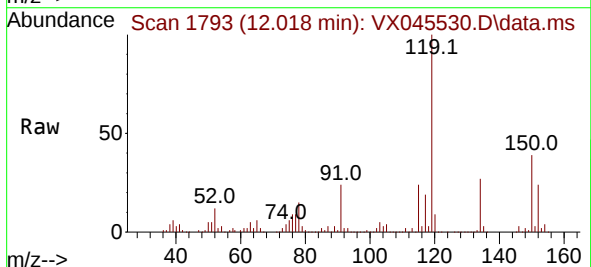
Tgt Ion:152 Resp: 61380

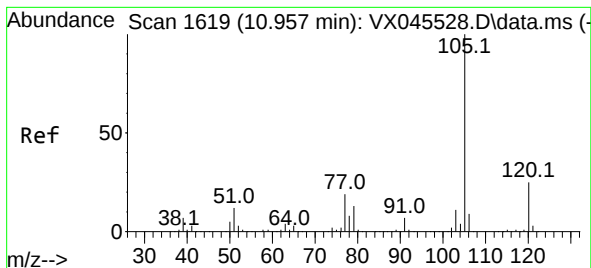
Ion Ratio Lower Upper

152 100

115 151.4 46.9 140.7#

150 208.6 0.0 349.4





#73

Isopropylbenzene

Concen: 155.475 ug/l

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

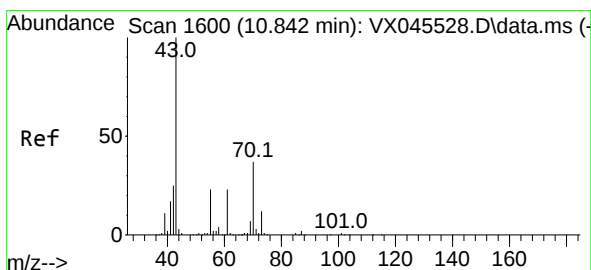
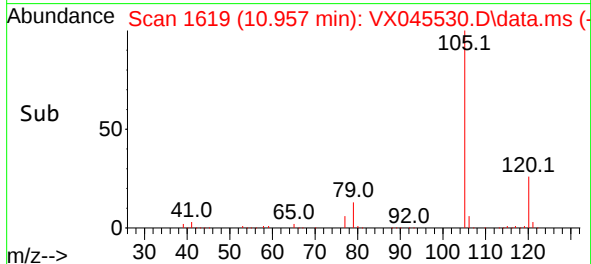
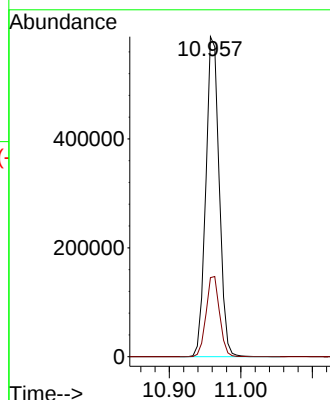
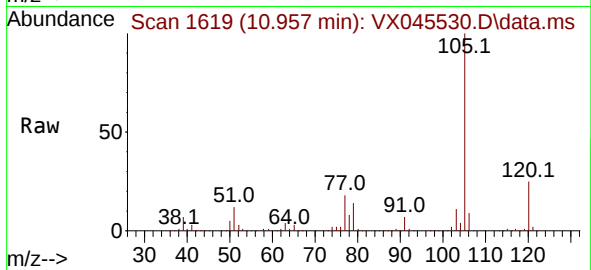
VSTDIC150

Tgt Ion:105 Resp: 764406

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.0



#74

N-ethyl acetate

Concen: 173.877 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 408934

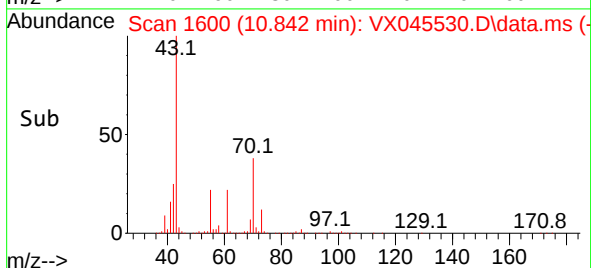
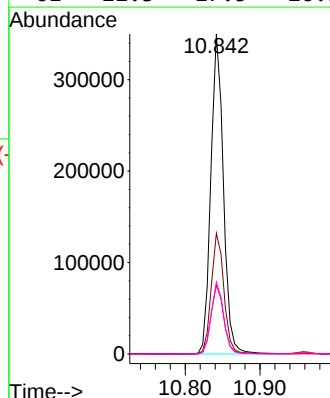
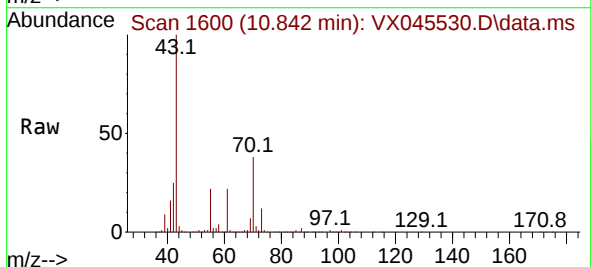
Ion Ratio Lower Upper

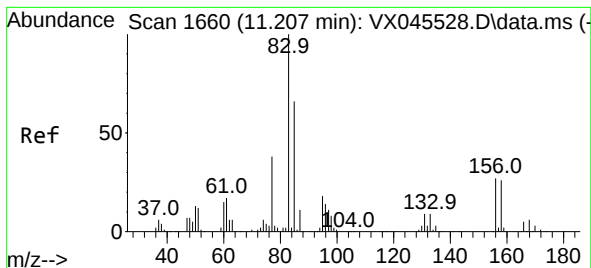
43 100

70 38.3 30.1 45.1

55 22.0 18.3 27.5

61 22.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 144.737 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

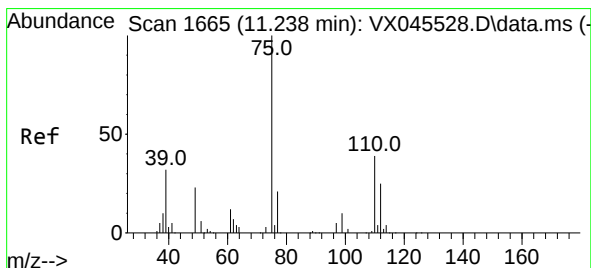
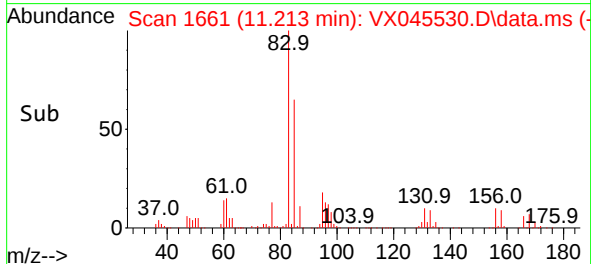
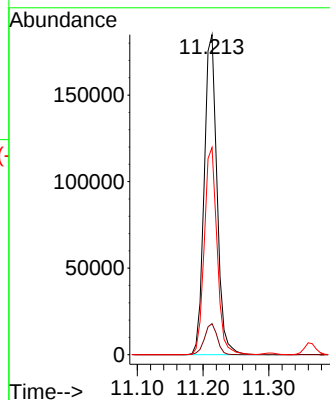
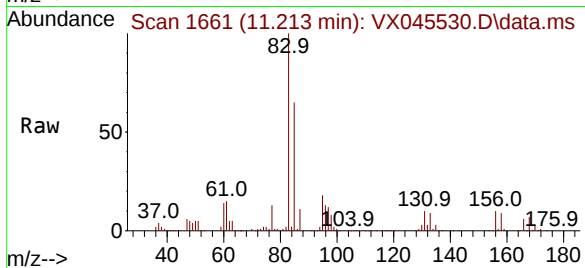
Tgt Ion: 83 Resp: 249980

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

85 64.8 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 190.257 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045530.D

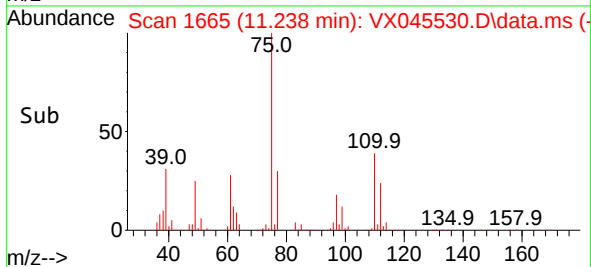
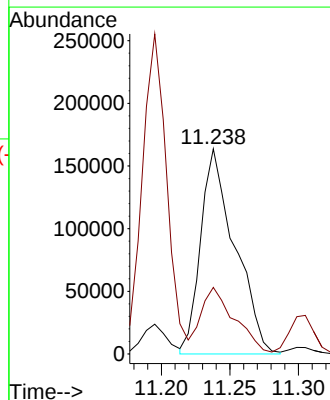
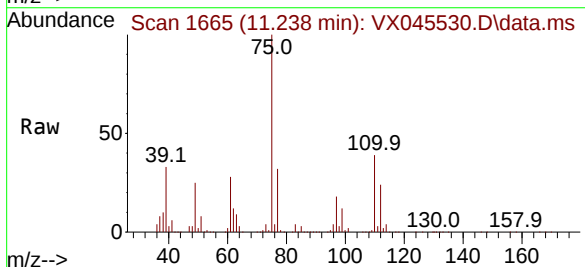
Acq: 01 Apr 2025 19:02

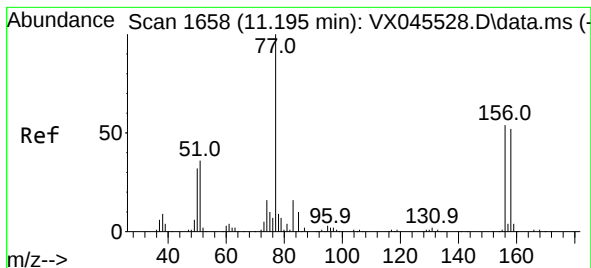
Tgt Ion: 75 Resp: 284853

Ion Ratio Lower Upper

75 100

77 32.1 20.0 59.9





#77

Bromobenzene

Concen: 151.033 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

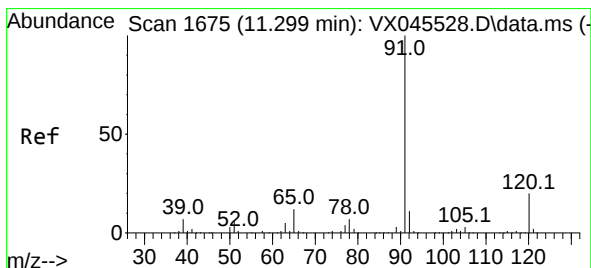
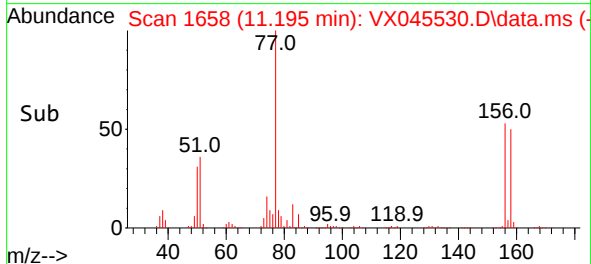
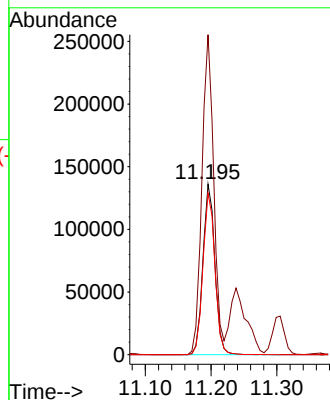
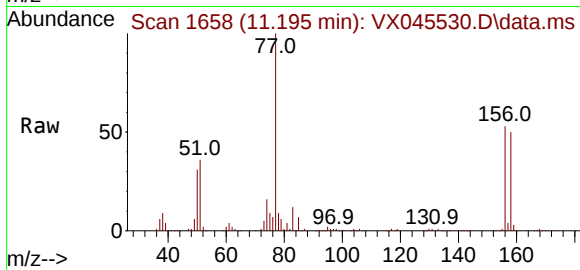
Tgt Ion:156 Resp: 171573

Ion Ratio Lower Upper

156 100

77 185.8 92.6 277.8

158 95.3 48.1 144.4



#78

n-propylbenzene

Concen: 158.408 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX045530.D

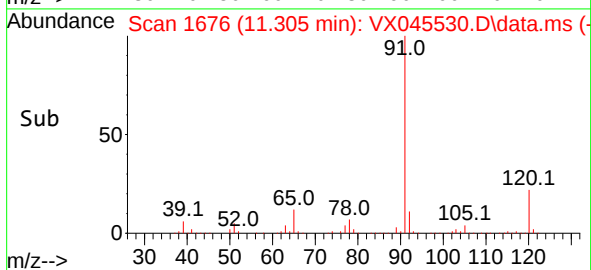
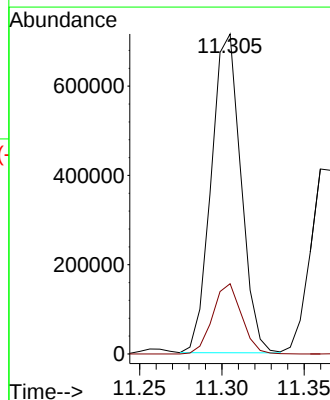
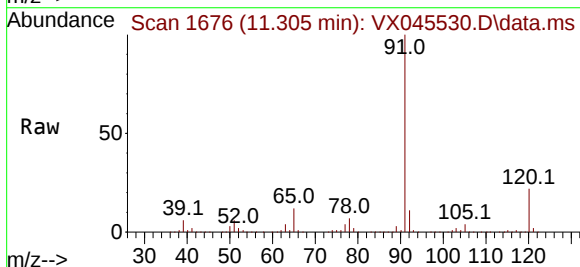
Acq: 01 Apr 2025 19:02

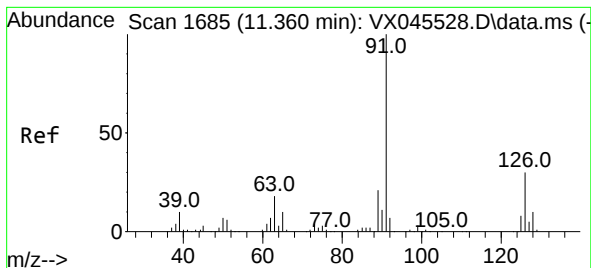
Tgt Ion: 91 Resp: 897084

Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 148.399 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

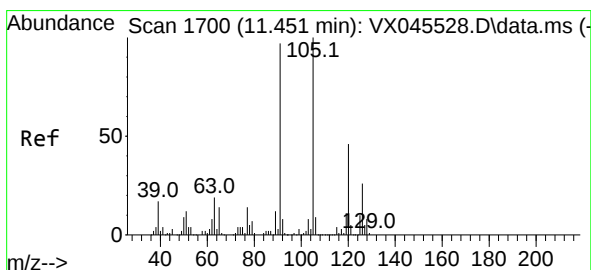
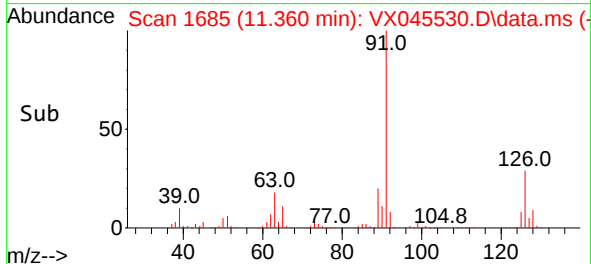
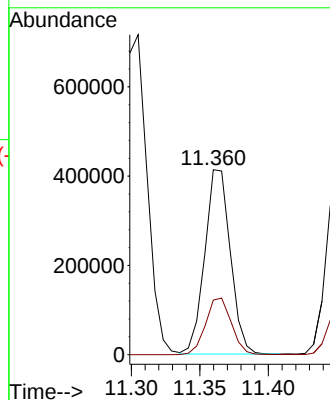
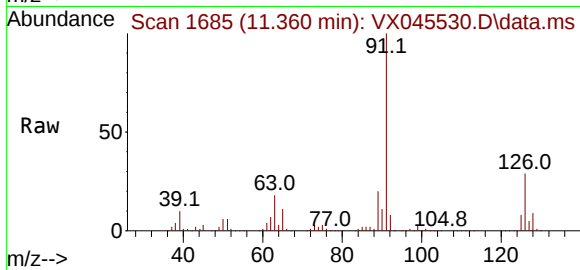
VSTDIC150

Tgt Ion: 91 Resp: 537263

Ion Ratio Lower Upper

91 100

126 30.9 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 152.700 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045530.D

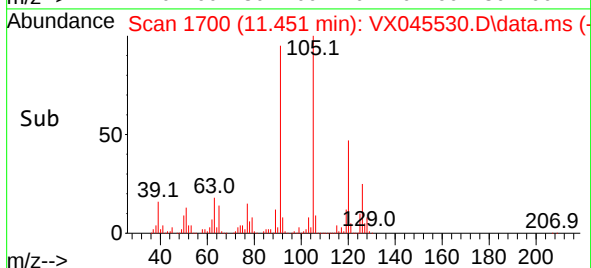
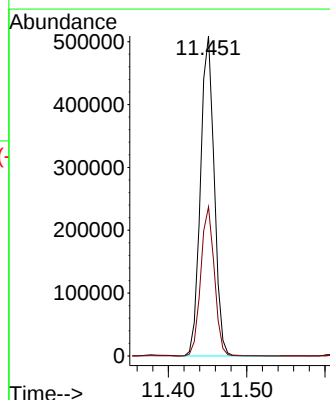
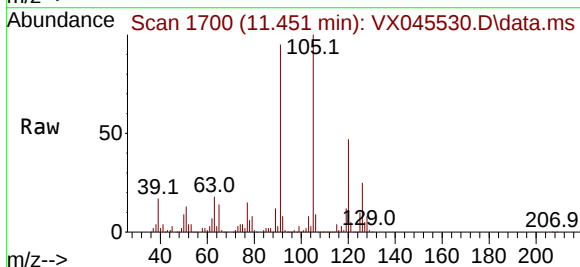
Acq: 01 Apr 2025 19:02

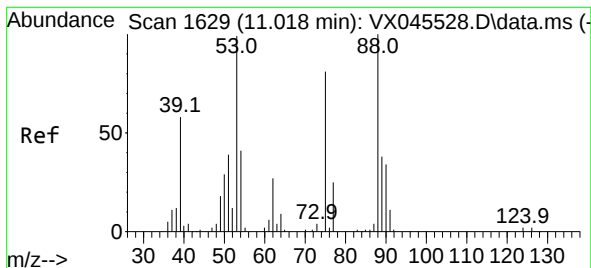
Tgt Ion: 105 Resp: 620819

Ion Ratio Lower Upper

105 100

120 46.1 23.0 69.0

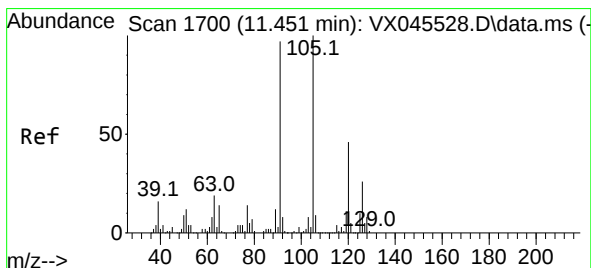
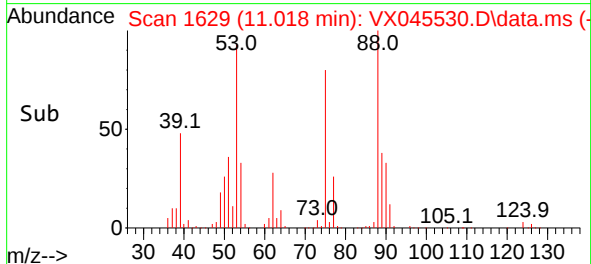
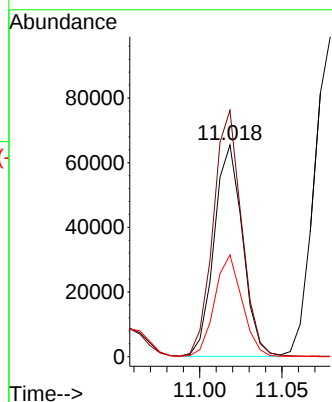
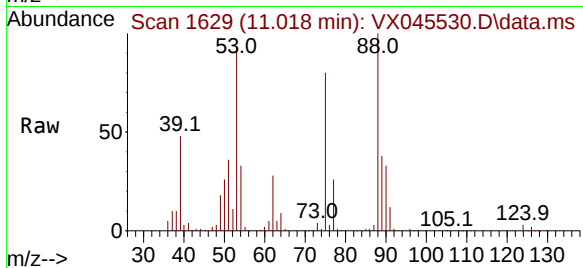




#81
trans-1,4-Dichloro-2-butene
Concen: 178.636 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

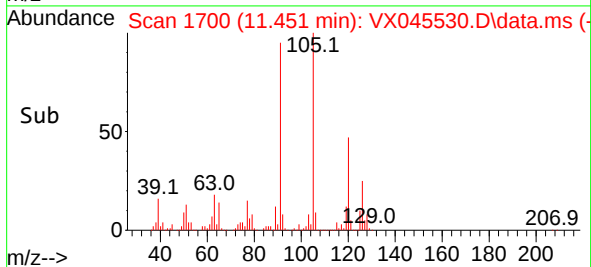
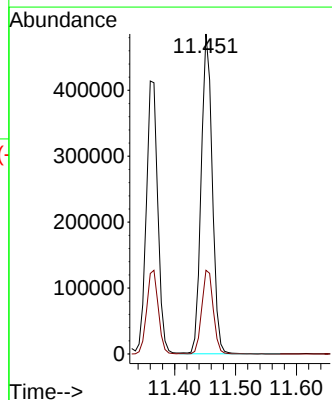
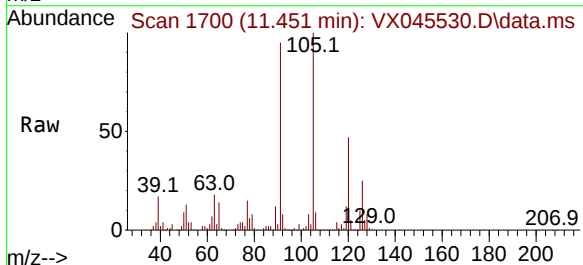
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

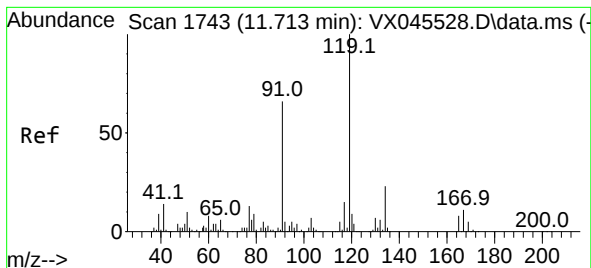
Tgt Ion: 75 Resp: 78805
Ion Ratio Lower Upper
75 100
53 116.0 101.8 152.6
89 46.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 152.505 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 91 Resp: 615594
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83

tert-Butylbenzene

Concen: 155.783 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

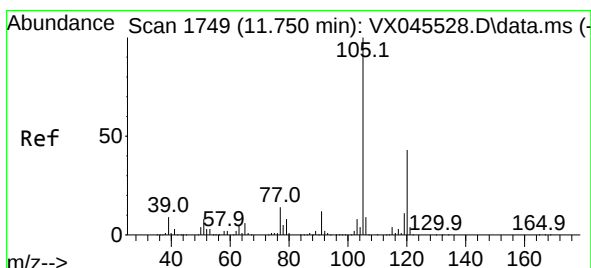
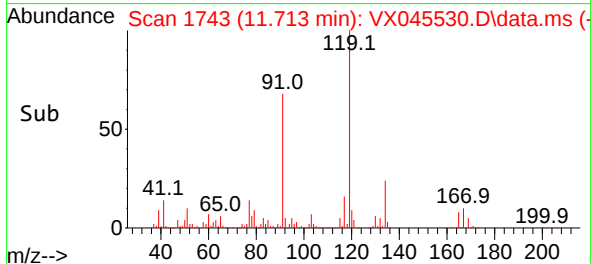
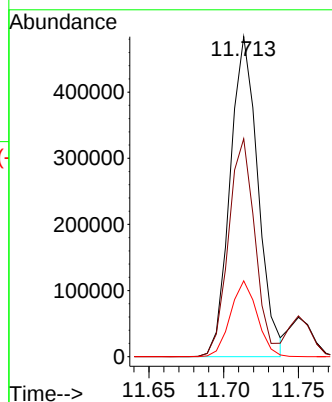
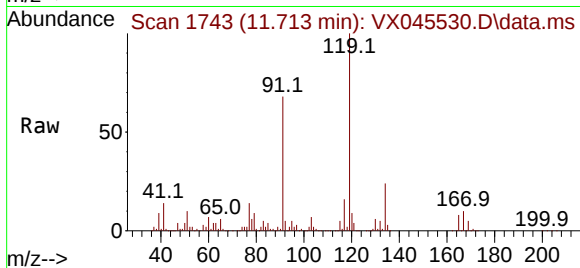
Tgt Ion:119 Resp: 627039

Ion Ratio Lower Upper

119 100

91 65.2 32.4 97.2

134 22.7 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 154.317 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045530.D

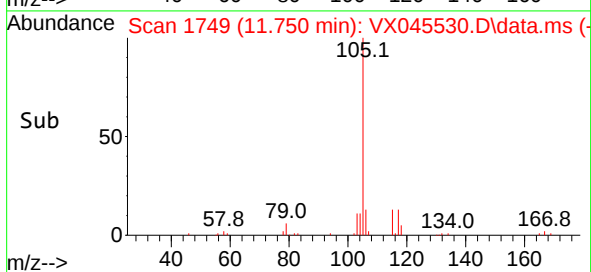
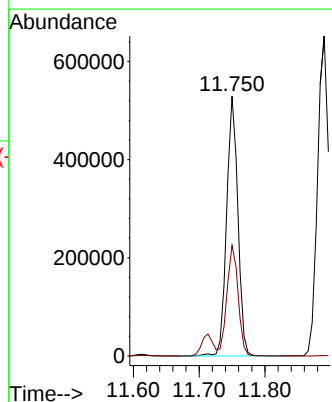
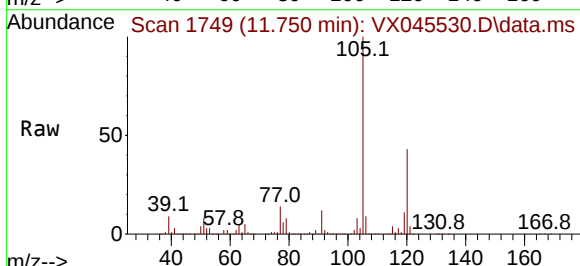
Acq: 01 Apr 2025 19:02

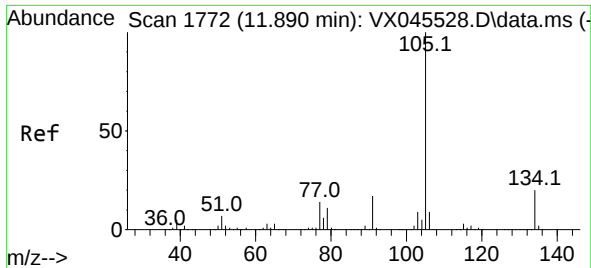
Tgt Ion:105 Resp: 629704

Ion Ratio Lower Upper

105 100

120 42.7 21.4 64.3

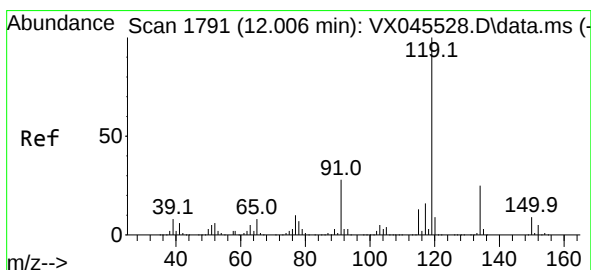
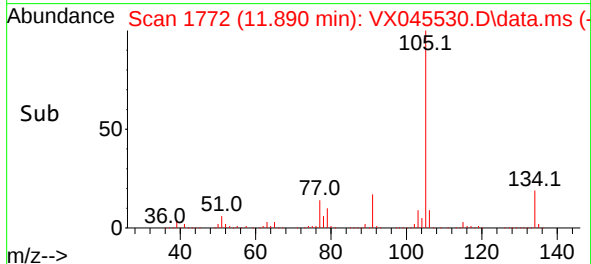
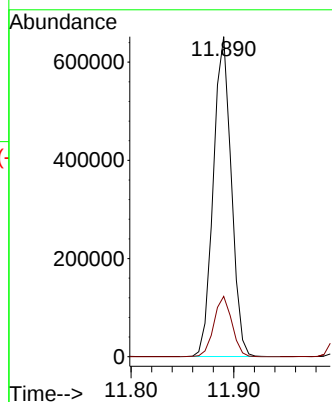
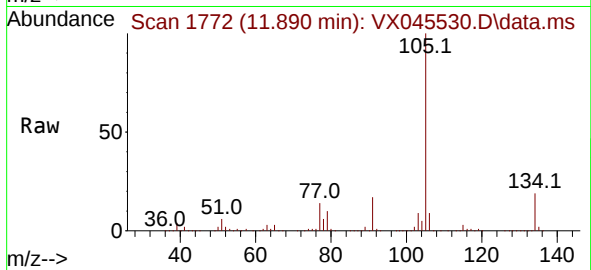




#85
 sec-Butylbenzene
 Concen: 159.869 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

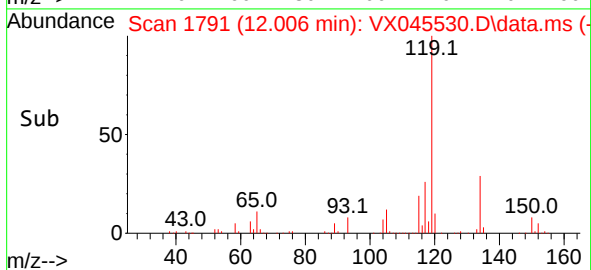
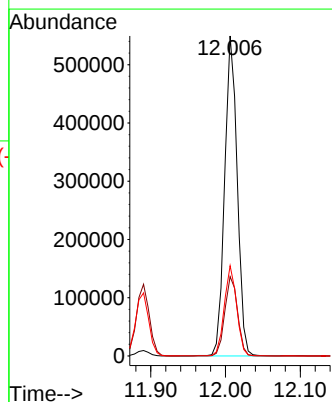
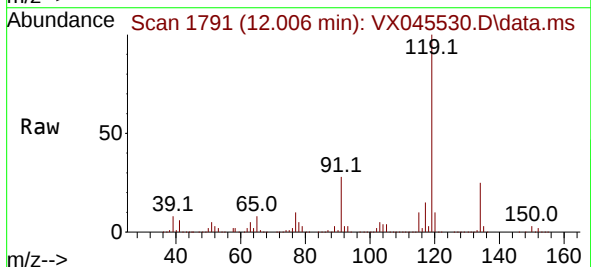
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

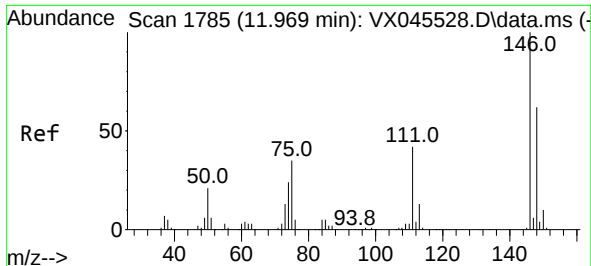
Tgt Ion:105 Resp: 790355
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 157.397 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

Tgt Ion:119 Resp: 641521
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 27.6 13.7 41.1

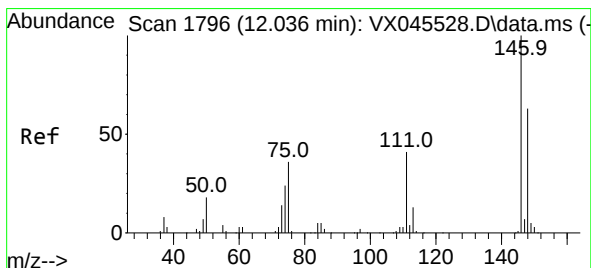
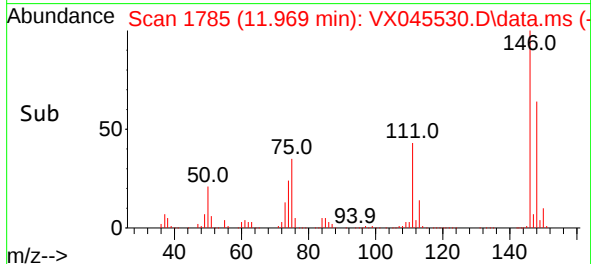
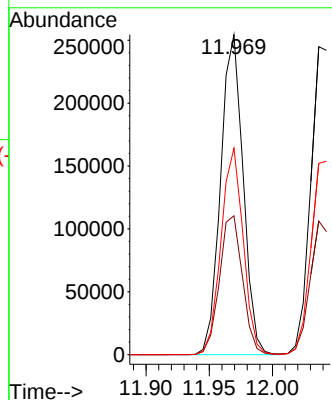
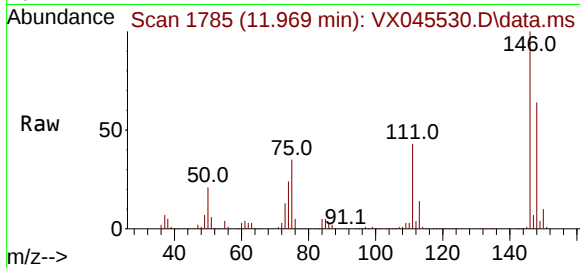




#87
1,3-Dichlorobenzene
Concen: 151.885 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

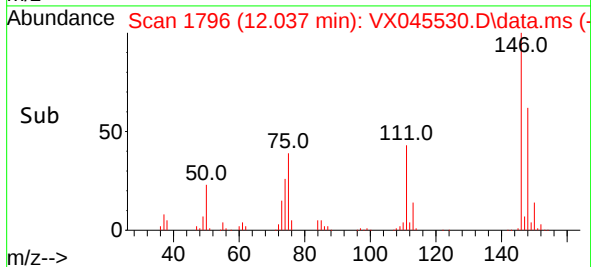
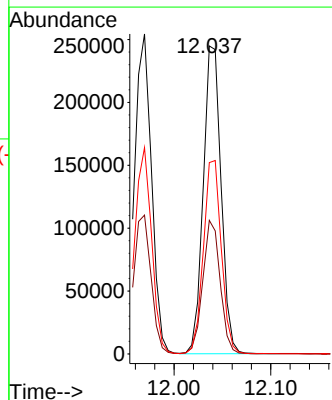
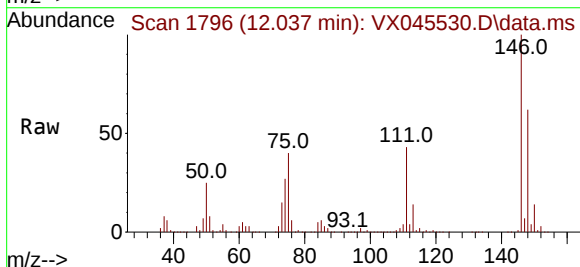
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

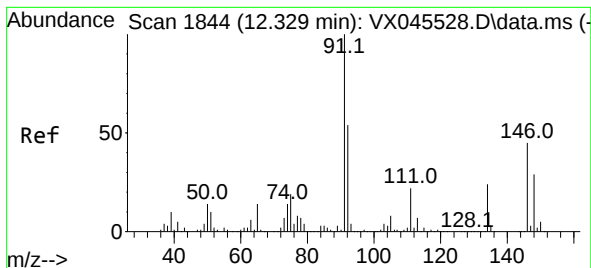
Tgt Ion:146 Resp: 314077
Ion Ratio Lower Upper
146 100
111 44.6 22.2 66.6
148 63.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 149.876 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:146 Resp: 314197
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 171.019 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

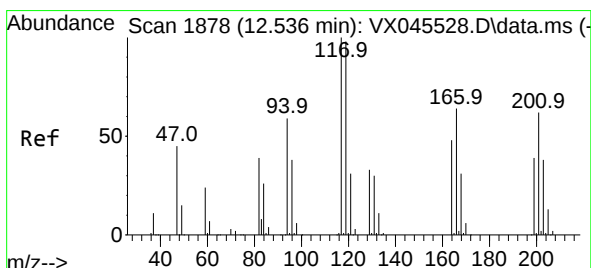
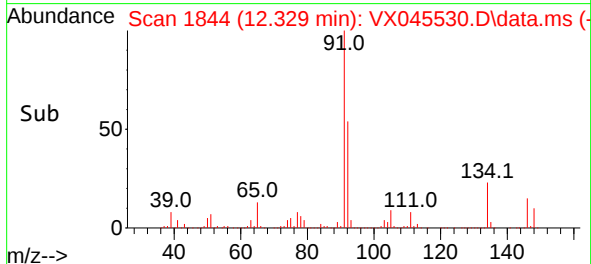
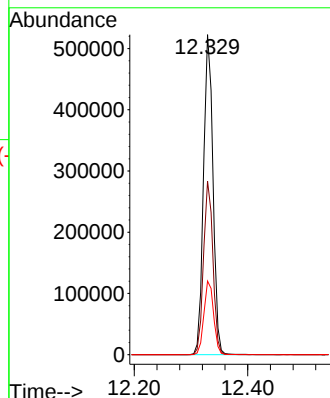
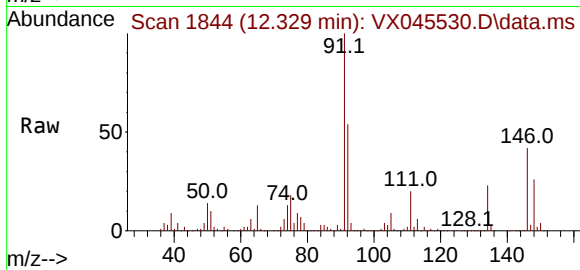
Tgt Ion: 91 Resp: 604445

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.6

134 23.6 11.9 35.7



#90

Hexachloroethane

Concen: 173.829 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045530.D

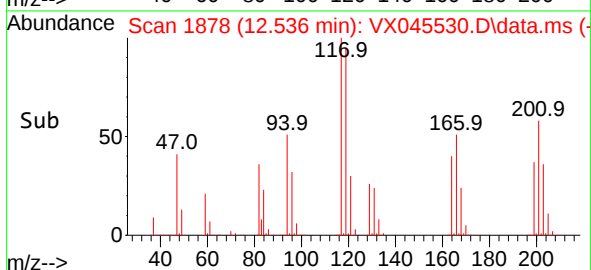
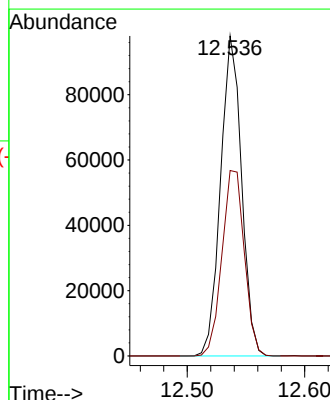
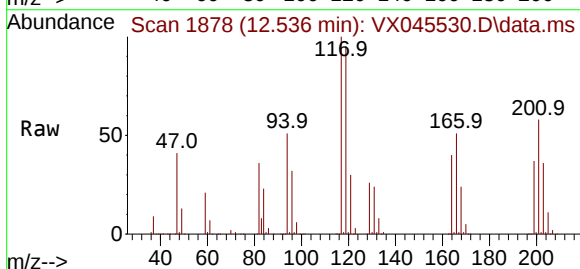
Acq: 01 Apr 2025 19:02

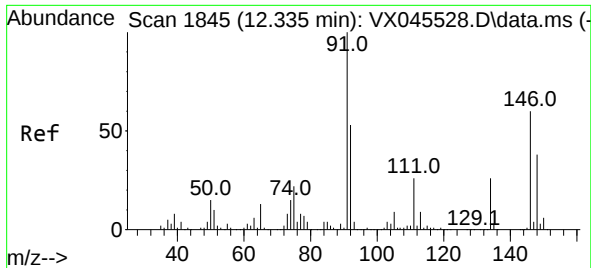
Tgt Ion: 117 Resp: 121761

Ion Ratio Lower Upper

117 100

201 61.9 31.2 93.6

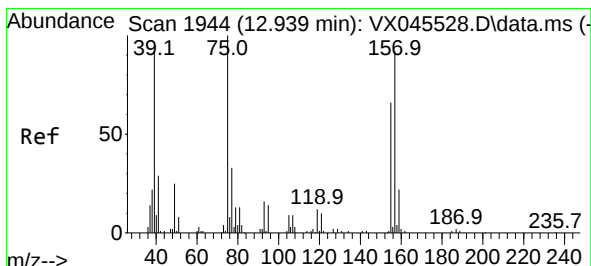
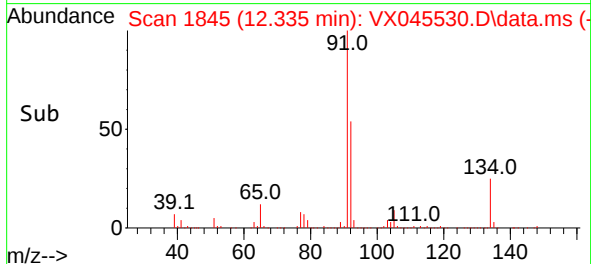
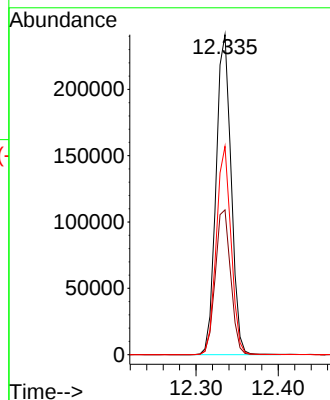
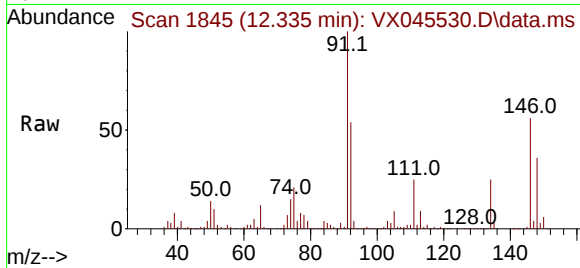




#91
 1,2-Dichlorobenzene
 Concen: 149.342 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

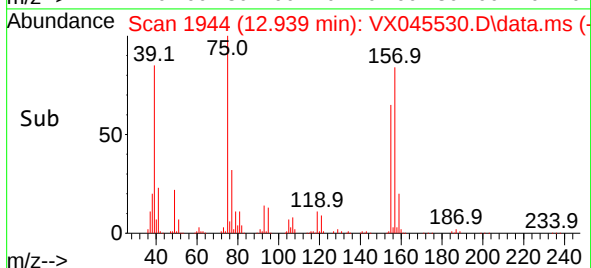
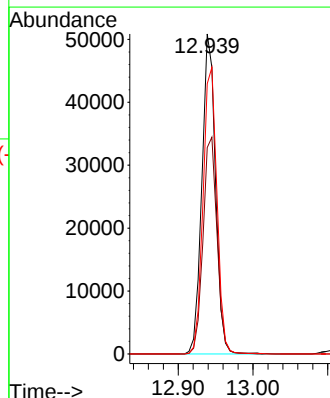
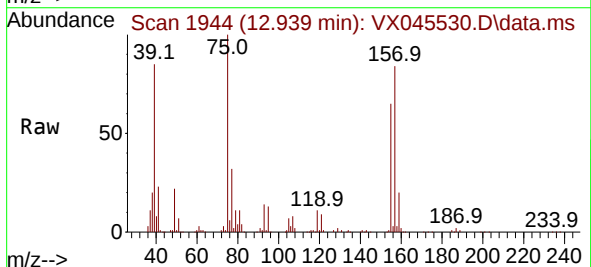
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

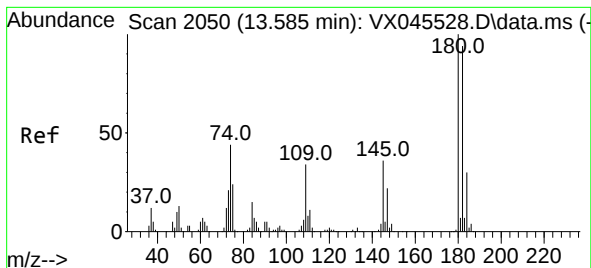
Tgt Ion:146 Resp: 307031
 Ion Ratio Lower Upper
 146 100
 111 46.3 22.9 68.8
 148 63.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 178.062 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 64317
 Ion Ratio Lower Upper
 75 100
 155 69.7 34.9 104.7
 157 91.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 174.213 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

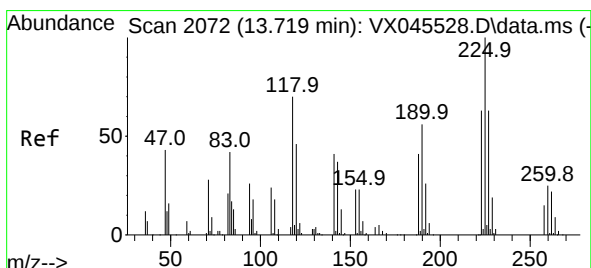
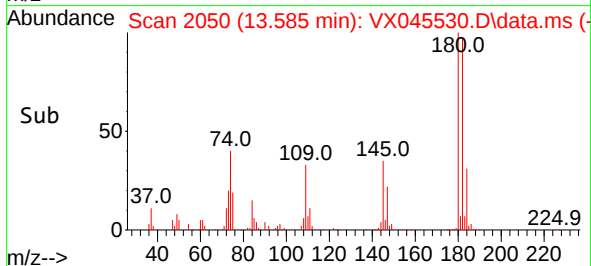
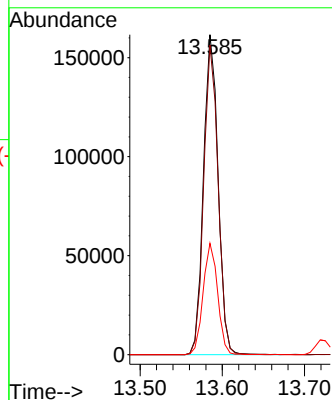
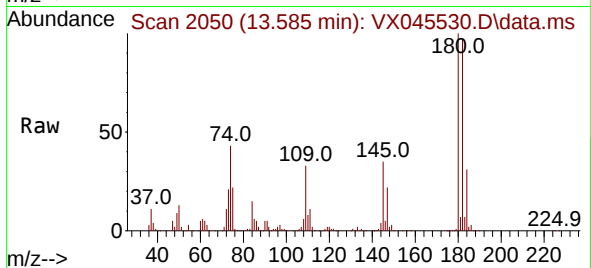
Tgt Ion:180 Resp: 199365

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.6

145 34.6 17.9 53.8



#94

Hexachlorobutadiene

Concen: 157.752 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

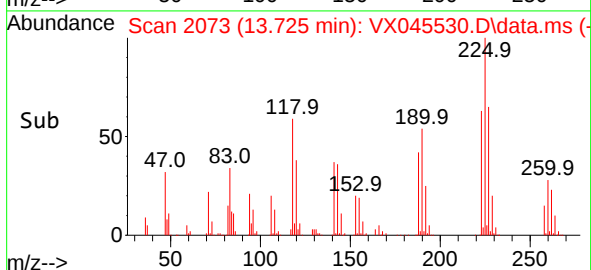
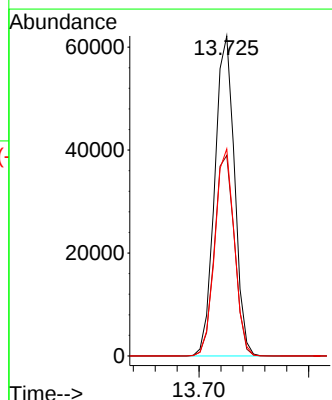
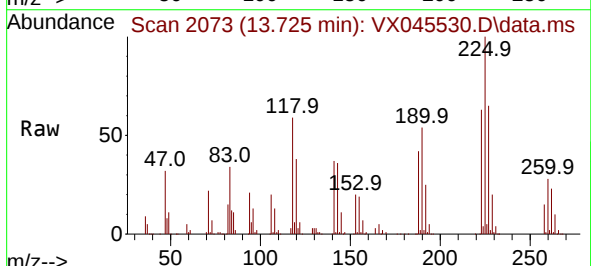
Tgt Ion:225 Resp: 77792

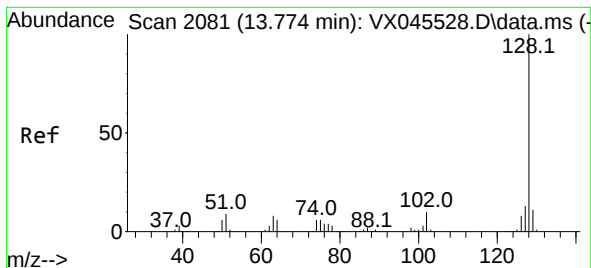
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.3

227 63.8 32.2 96.6





#95

Naphthalene

Concen: 172.191 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

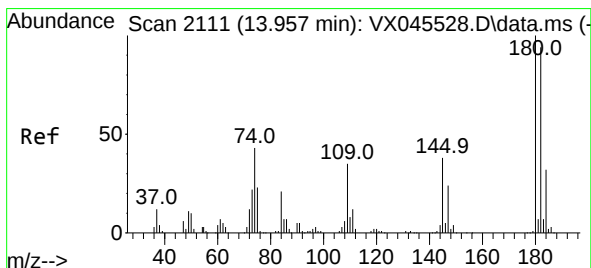
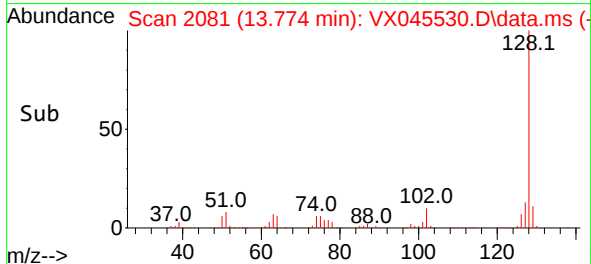
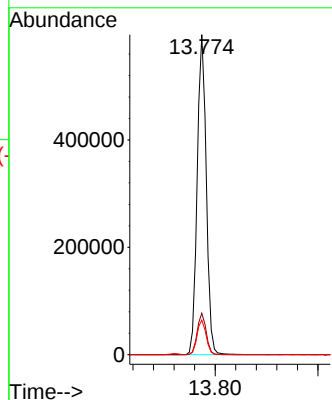
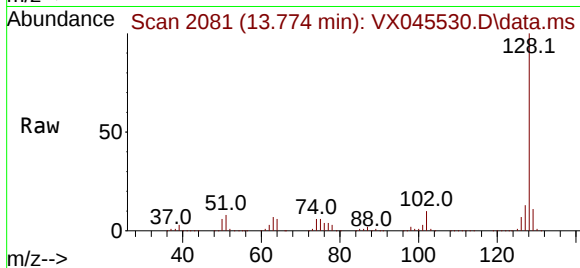
Tgt Ion:128 Resp: 733300

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 168.562 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Tgt Ion:180 Resp: 201989

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.8

145 35.8 18.2 54.6

