

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045529.D
 Acq On : 01 Apr 2025 18:38
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 02 02:54:00 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	86107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	155757	98.914	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	197.820%#
35) Dibromofluoromethane	5.379	113	107908	99.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	199.160%#
50) Toluene-d8	8.647	98	375599	99.309	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	198.620%#
62) 4-Bromofluorobenzene	11.079	95	146944	106.664	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	213.320%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	144108	111.909	ug/l	99
3) Chloromethane	1.307	50	140360	106.098	ug/l	100
4) Vinyl Chloride	1.374	62	127174	105.042	ug/l	99
5) Bromomethane	1.593	94	58706	102.266	ug/l	98
6) Chloroethane	1.660	64	61099	95.120	ug/l	98
7) Trichlorofluoromethane	1.867	101	187555	103.887	ug/l	98
8) Diethyl Ether	2.136	74	61683	101.767	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106989	101.133	ug/l	97
10) Methyl Iodide	2.441	142	135732	102.863	ug/l	100
11) Tert butyl alcohol	2.989	59	110044	519.999	ug/l	99
12) 1,1-Dichloroethene	2.306	96	106404	102.934	ug/l	99
13) Acrolein	2.233	56	146268	501.914	ug/l	99
14) Allyl chloride	2.654	41	206484	105.276	ug/l	99
15) Acrylonitrile	3.062	53	338970	507.426	ug/l	99
16) Acetone	2.386	43	314285	486.054	ug/l	100
17) Carbon Disulfide	2.502	76	276285	108.215	ug/l	100
18) Methyl Acetate	2.703	43	147272	98.925	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381719	105.561	ug/l	99
20) Methylene Chloride	2.782	84	121435	100.316	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	106896	101.220	ug/l	98
22) Diisopropyl ether	3.757	45	406185	105.132	ug/l	95
23) Vinyl Acetate	3.721	43	1848817	553.853	ug/l	99
24) 1,1-Dichloroethane	3.605	63	220934	101.114	ug/l	100
25) 2-Butanone	4.556	43	491249	519.018	ug/l	100
26) 2,2-Dichloropropane	4.465	77	155592	110.215	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	129785	100.871	ug/l	98
28) Bromochloromethane	4.891	49	105093	99.530	ug/l	100
29) Tetrahydrofuran	5.001	42	313121	510.264	ug/l	99
30) Chloroform	5.086	83	225402	100.255	ug/l	99
31) Cyclohexane	5.458	56	197136	102.056	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	198511	104.346	ug/l	99
36) 1,1-Dichloropropene	5.684	75	151448	103.515	ug/l	99
37) Ethyl Acetate	4.715	43	192130	104.207	ug/l	99
38) Carbon Tetrachloride	5.672	117	166465	105.278	ug/l	99
39) Methylcyclohexane	7.373	83	191752	106.921	ug/l	99
40) Benzene	6.031	78	452946	101.369	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	107037	109.068	ug/l	99
42) 1,2-Dichloroethane	6.080	62	189528	102.696	ug/l	100
43) Isopropyl Acetate	6.336	43	305974	109.494	ug/l	100
44) Trichloroethene	7.123	130	107332	101.062	ug/l	97
45) 1,2-Dichloropropane	7.421	63	115731	103.806	ug/l	98
46) Dibromomethane	7.574	93	87381	102.101	ug/l	97
47) Bromodichloromethane	7.818	83	179265	104.886	ug/l	98
48) Methyl methacrylate	7.690	41	158241	109.675	ug/l	99
49) 1,4-Dioxane	7.665	88	52624	2015.906	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	988881	533.814	ug/l	99
52) Toluene	8.714	92	276323	102.199	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	169413	100.645	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	182328	113.521	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	109208	101.361	ug/l	98
56) Ethyl methacrylate	9.116	69	192034	115.168	ug/l	99
57) 1,3-Dichloropropane	9.305	76	192473	102.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	460297	545.696	ug/l	100
59) 2-Hexanone	9.427	43	738772	538.538	ug/l	99
60) Dibromochloromethane	9.519	129	128700	109.570	ug/l	98
61) 1,2-Dibromoethane	9.604	107	115919	106.282	ug/l	99
64) Tetrachloroethene	9.269	164	90817	94.325	ug/l	99
65) Chlorobenzene	10.073	112	296300	101.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	103437	102.243	ug/l	99
67) Ethyl Benzene	10.189	91	543568	104.152	ug/l	99
68) m/p-Xylenes	10.299	106	394241	207.694	ug/l	100
69) o-Xylene	10.640	106	195381	104.487	ug/l	99
70) Styrene	10.653	104	335333	108.654	ug/l	100
71) Bromoform	10.799	173	83632	110.714	ug/l #	97
73) Isopropylbenzene	10.957	105	522436	100.944	ug/l	100
74) N-amyl acetate	10.842	43	275462	111.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174977	96.243	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	197652	125.410	ug/l	88
77) Bromobenzene	11.195	156	119561	99.983	ug/l	99
78) n-propylbenzene	11.299	91	622679	104.454	ug/l	100
79) 2-Chlorotoluene	11.360	91	376682	98.840	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	435137	101.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	51873	111.704	ug/l	95
82) 4-Chlorotoluene	11.451	91	432884	101.877	ug/l	99
83) tert-Butylbenzene	11.713	119	437649	103.292	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	444211	103.414	ug/l	99
85) sec-Butylbenzene	11.890	105	546857	105.082	ug/l	100
86) p-Isopropyltoluene	12.006	119	453109	105.609	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	221481	101.749	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	216367	98.047	ug/l	98
89) n-Butylbenzene	12.329	91	420694	113.075	ug/l	99
90) Hexachloroethane	12.536	117	80489	109.160	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	215157	99.419	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43047	113.214	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	135046	112.106	ug/l	99
94) Hexachlorobutadiene	13.725	225	53636	103.326	ug/l	98
95) Naphthalene	13.774	128	499719	111.473	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	137328	108.869	ug/l	100

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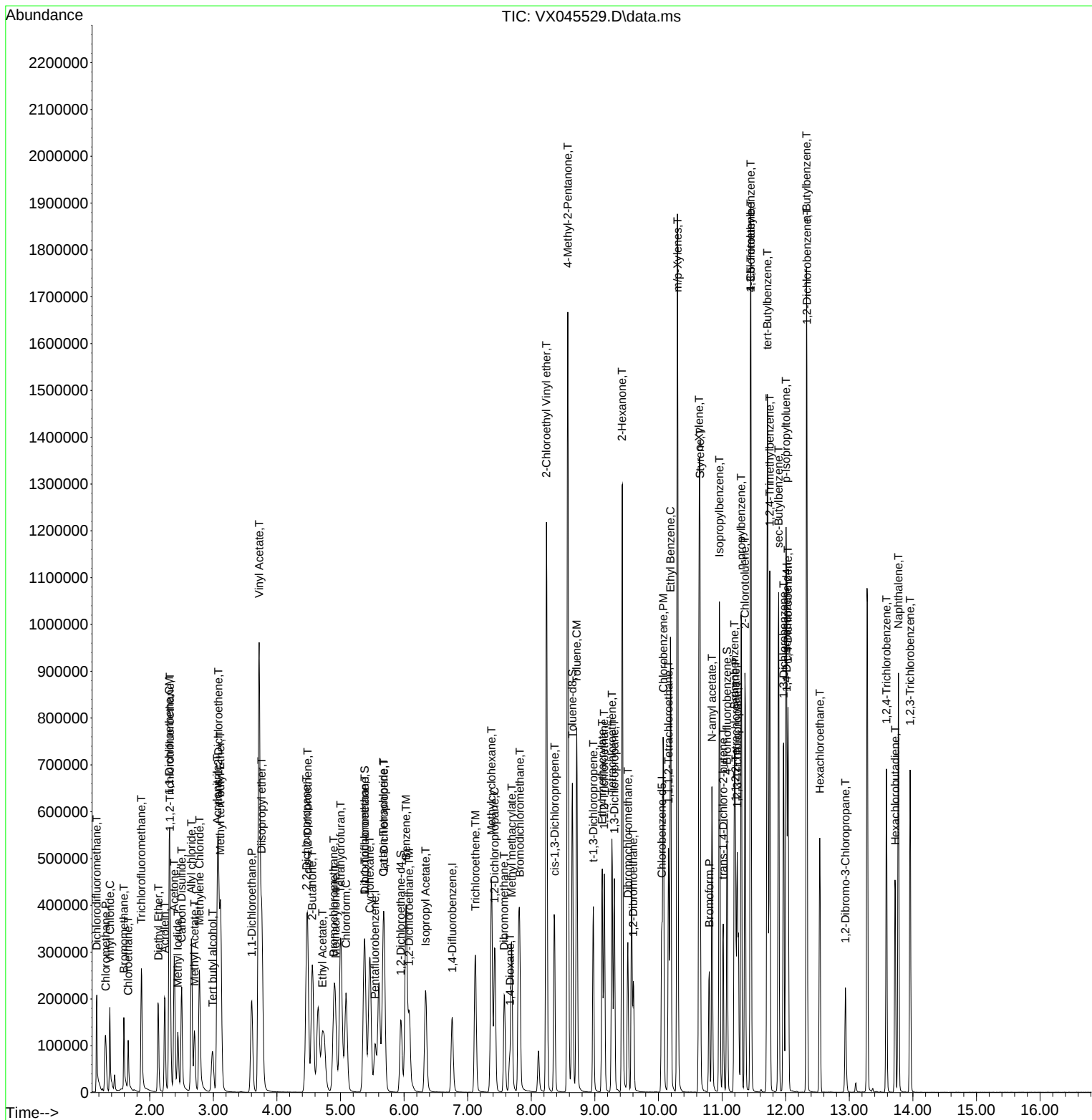
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MSVOA_X
ClientSampleId :
VSTDICC100

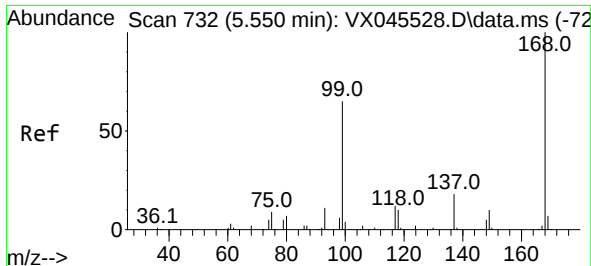
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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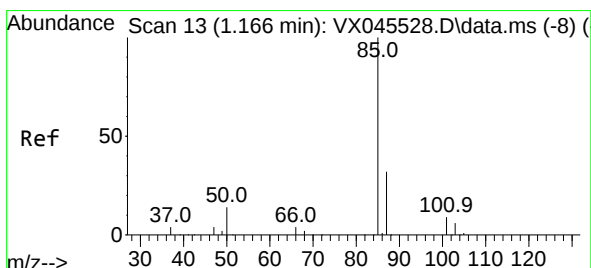
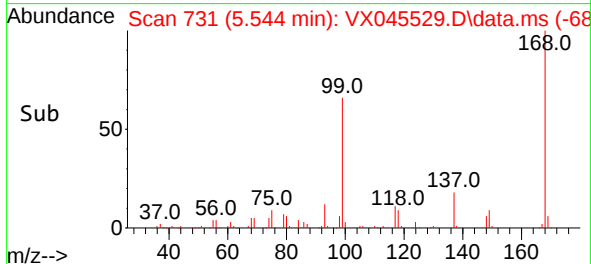
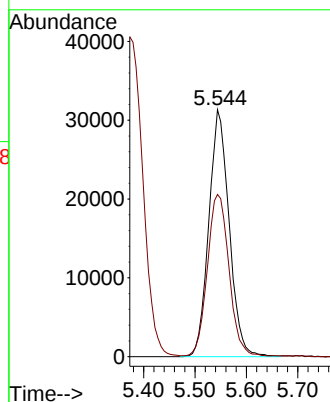
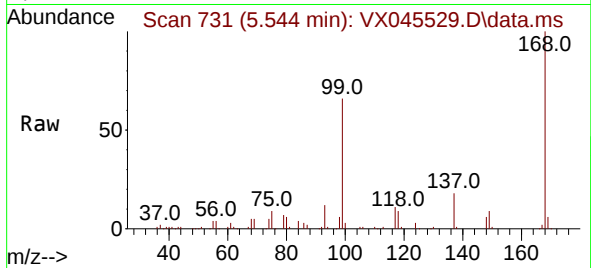




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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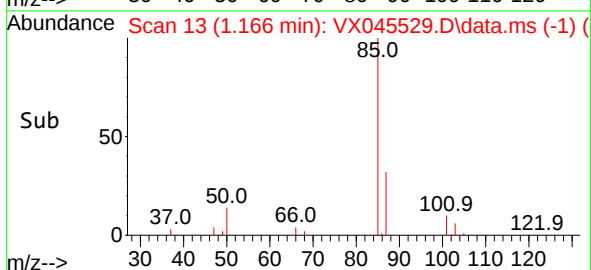
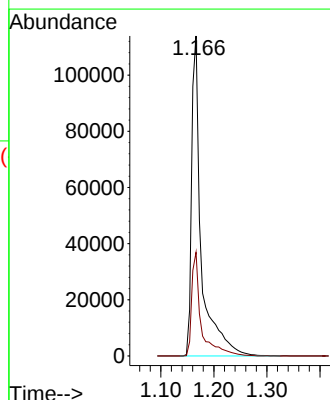
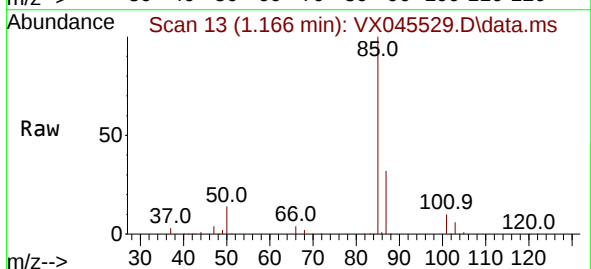
Instrument :
MSVOA_X
ClientSampleId :
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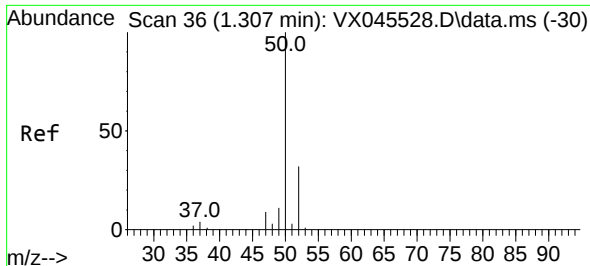
Tgt Ion:168 Resp: 86107
Ion Ratio Lower Upper
168 100
99 65.3 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 111.909 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 85 Resp: 144108
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

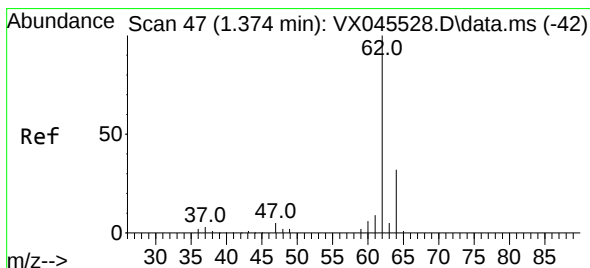
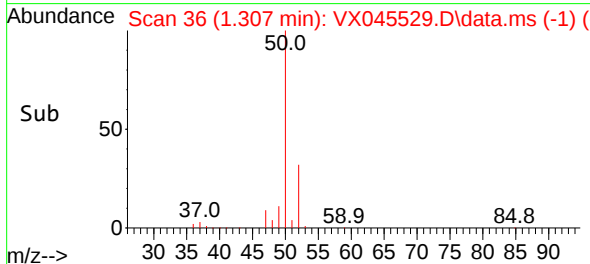
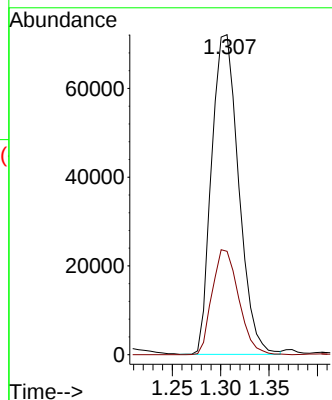
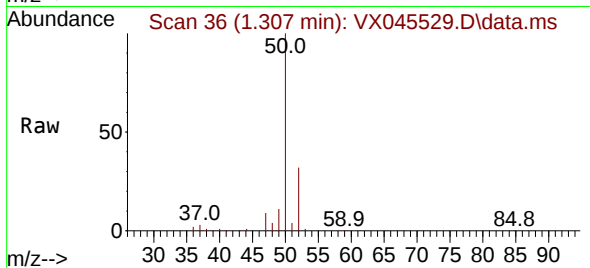




#3
Chloromethane
Concen: 106.098 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045529.D
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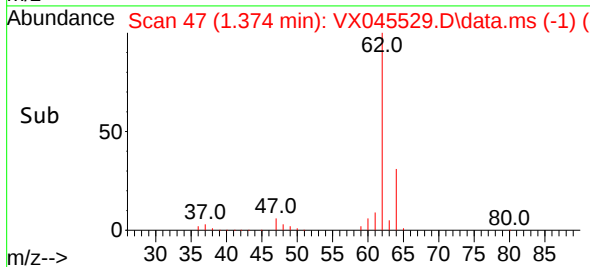
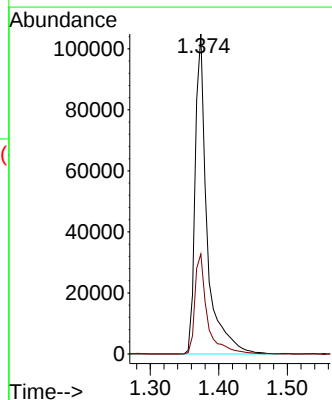
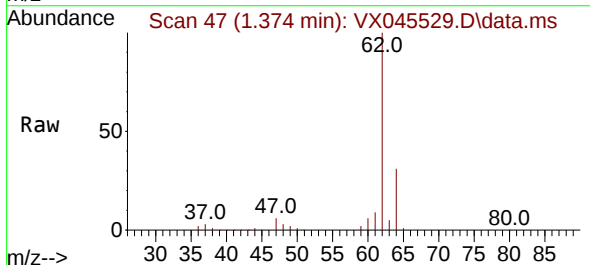
Instrument :
MSVOA_X
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VSTDICC100

Tgt Ion: 50 Resp: 140360
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 105.042 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 62 Resp: 127174
Ion Ratio Lower Upper
62 100
64 31.2 25.5 38.3

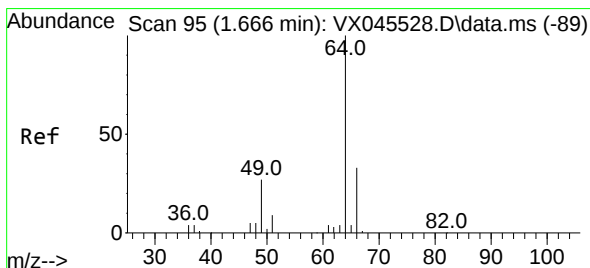
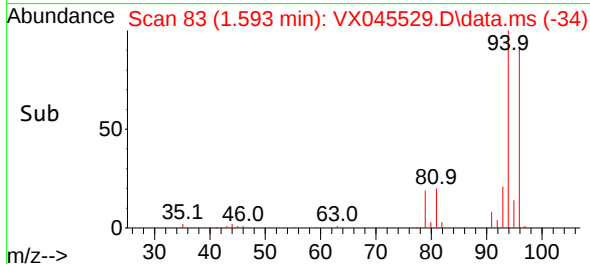
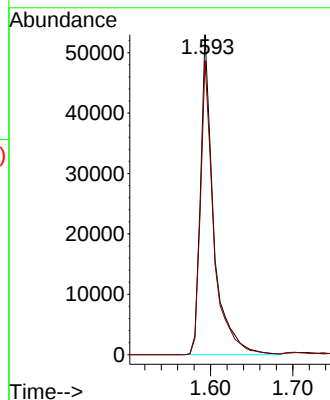
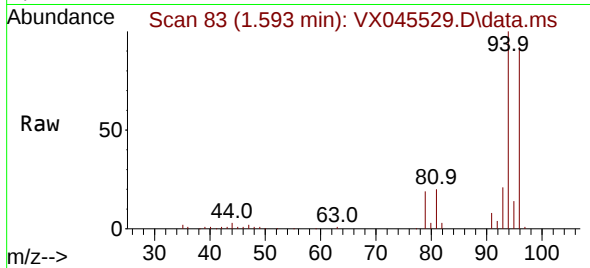




#5
Bromomethane
Concen: 102.266 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045529.D
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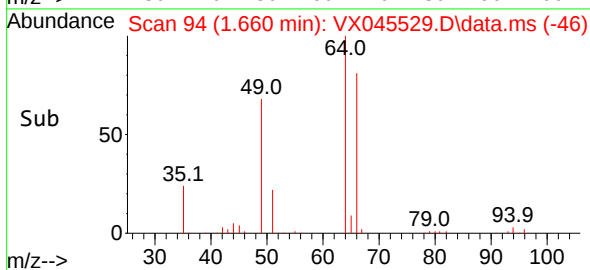
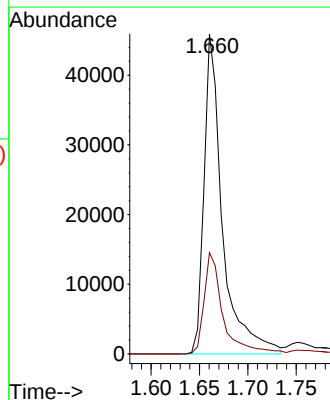
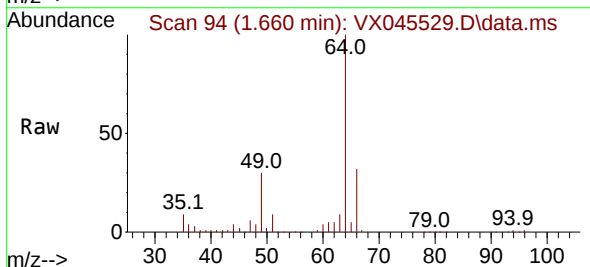
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 58706
Ion Ratio Lower Upper
94 100
96 91.9 74.8 112.2



#6
Chloroethane
Concen: 95.120 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 64 Resp: 61099
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5

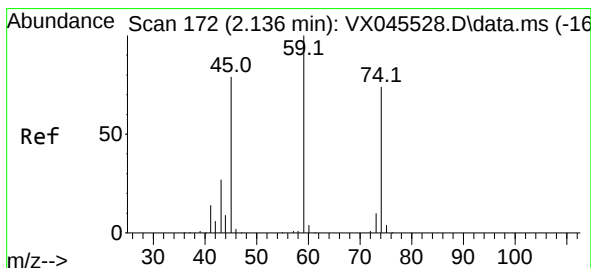
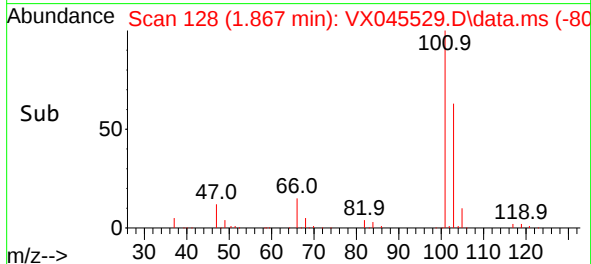
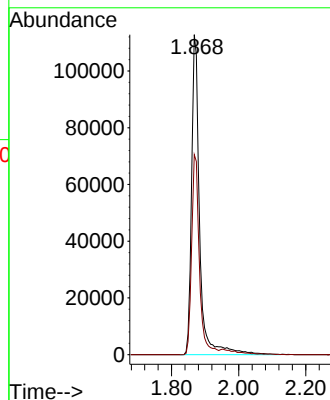
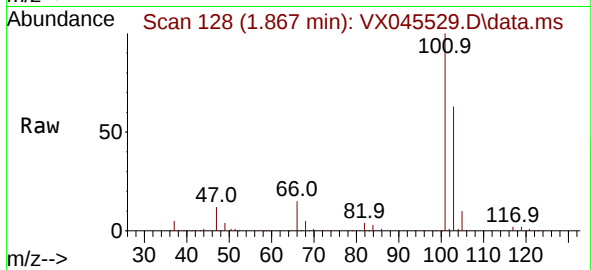




#7
Trichlorofluoromethane
Concen: 103.887 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045529.D
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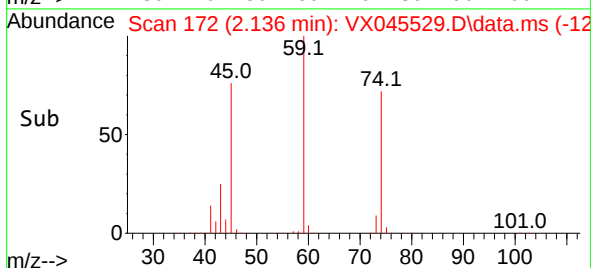
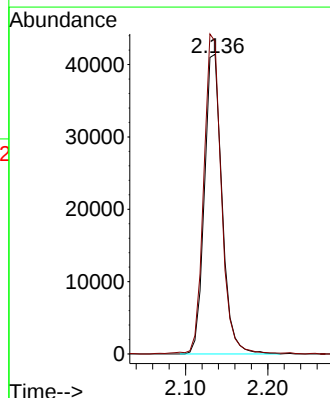
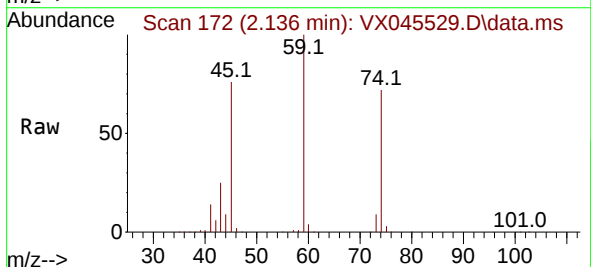
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ClientSampleId :
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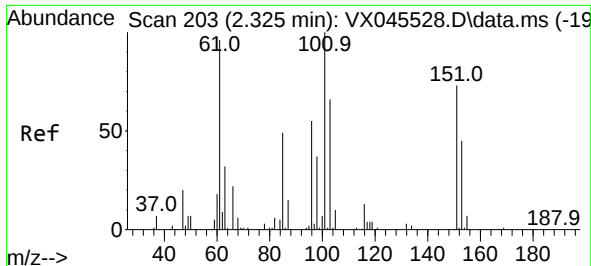
Tgt Ion:101 Resp: 187555
Ion Ratio Lower Upper
101 100
103 62.5 51.1 76.7



#8
Diethyl Ether
Concen: 101.767 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 74 Resp: 61683
Ion Ratio Lower Upper
74 100
45 106.7 53.0 159.1

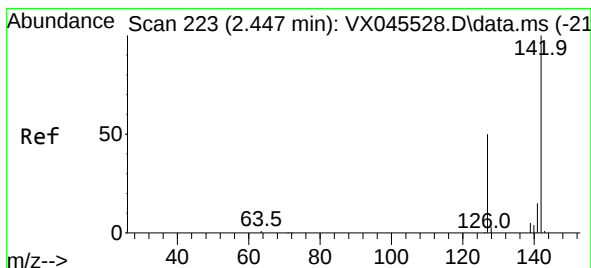
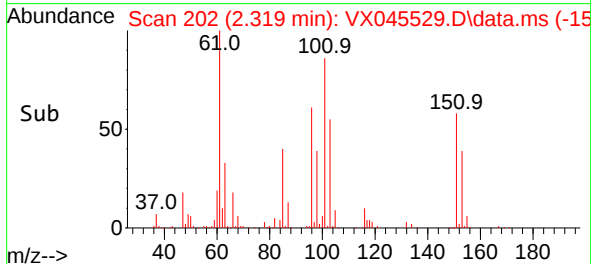
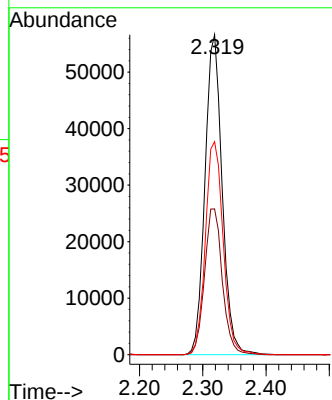
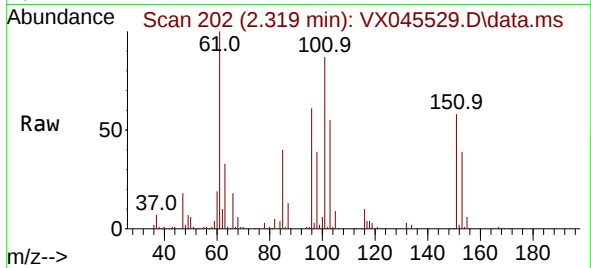




#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.133 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
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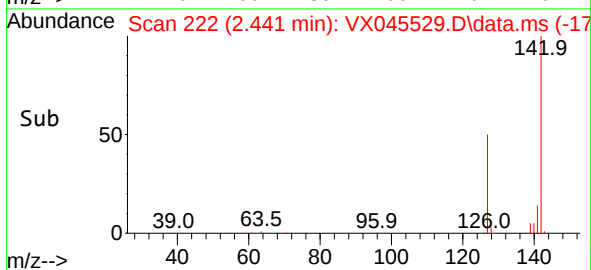
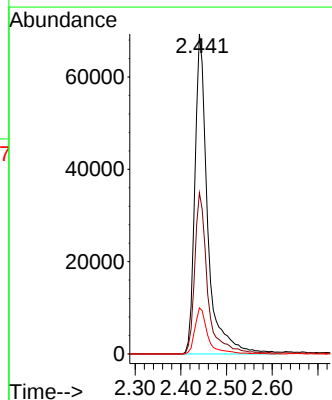
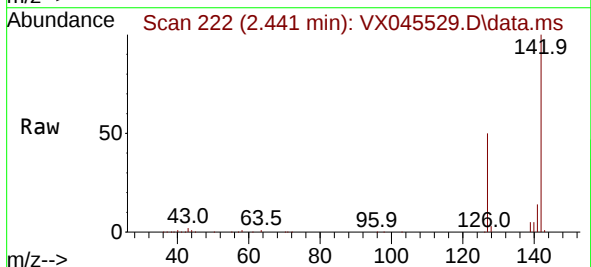
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

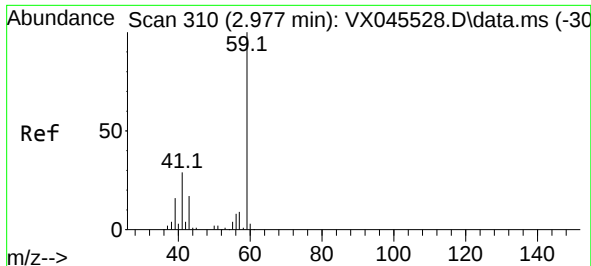
Tgt Ion:101 Resp: 106989
Ion Ratio Lower Upper
101 100
85 47.3 38.9 58.3
151 69.0 57.5 86.3



#10
Methyl Iodide
Concen: 102.863 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:142 Resp: 135732
Ion Ratio Lower Upper
142 100
127 50.6 40.2 60.4
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 519.999 ug/l

RT: 2.989 min Scan# 310

Delta R.T. 0.012 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

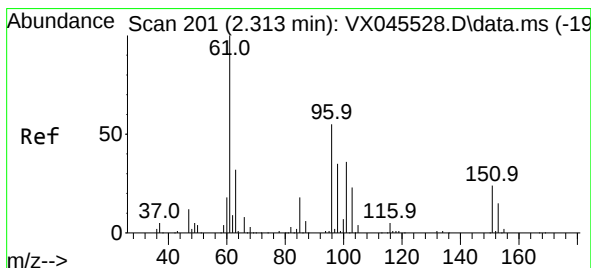
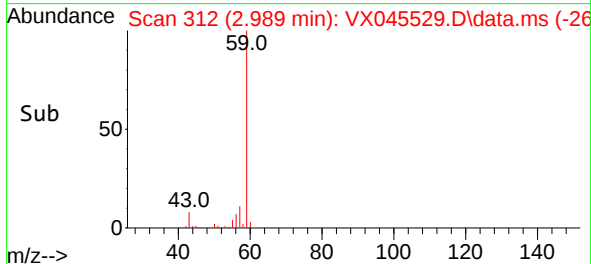
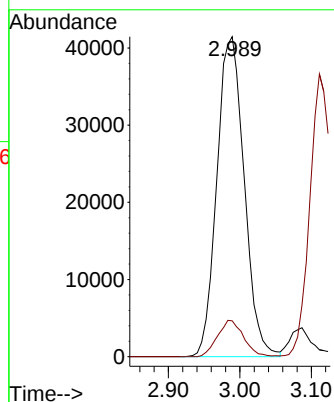
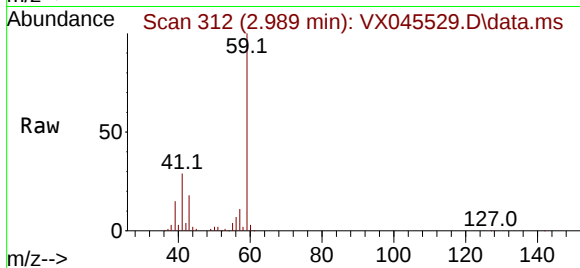
VSTDIC100

Tgt Ion: 59 Resp: 110044

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8



#12

1,1-Dichloroethene

Concen: 102.934 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

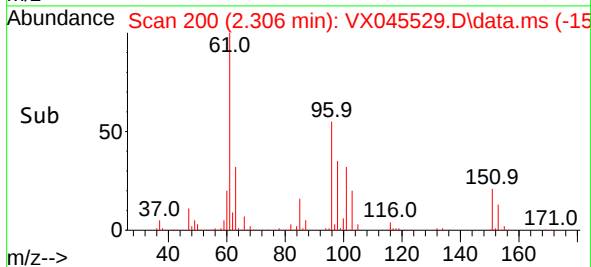
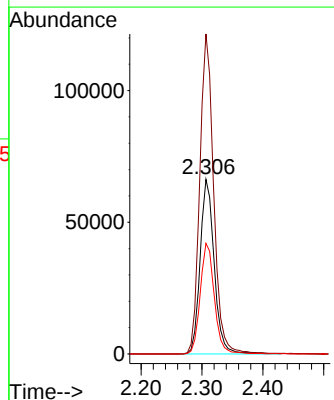
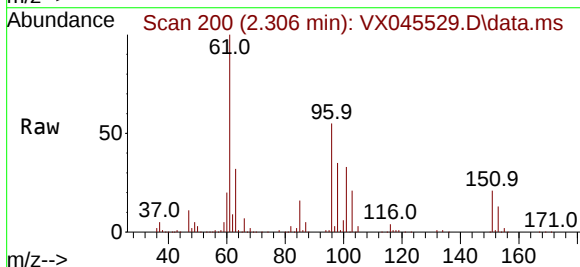
Tgt Ion: 96 Resp: 106404

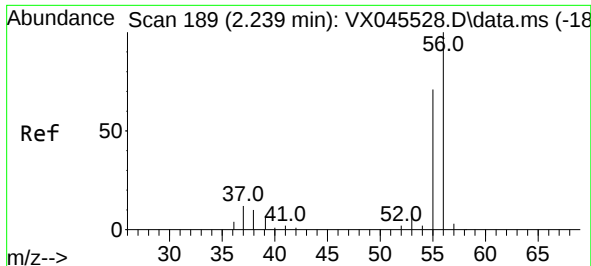
Ion Ratio Lower Upper

96 100

61 183.3 145.7 218.5

98 63.3 51.6 77.4

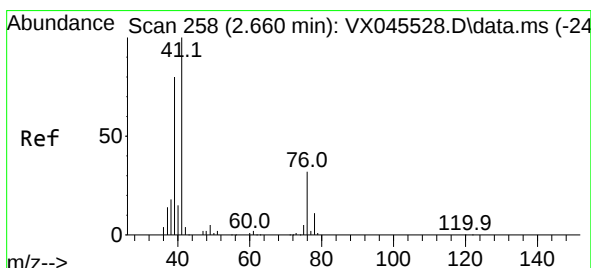
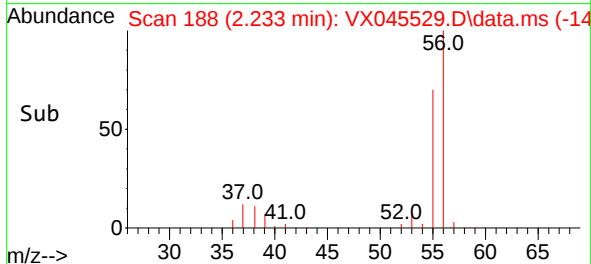
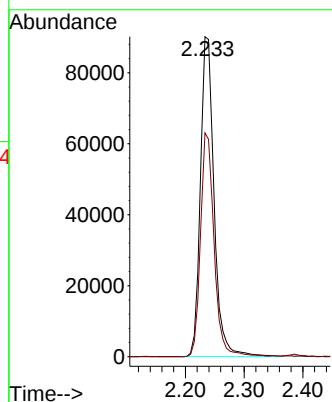
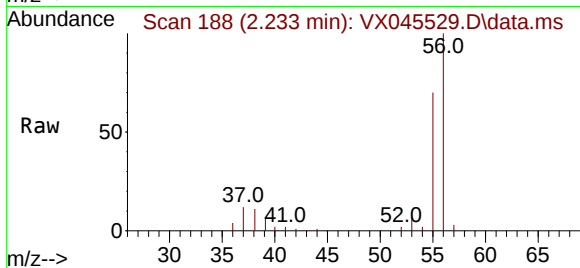




#13
Acrolein
Concen: 501.914 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

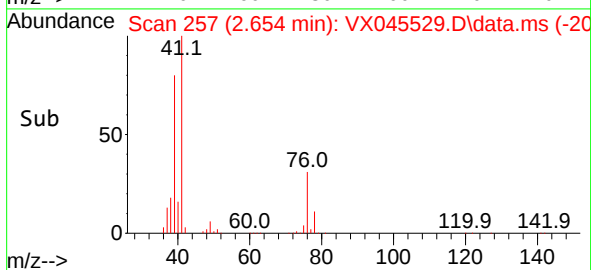
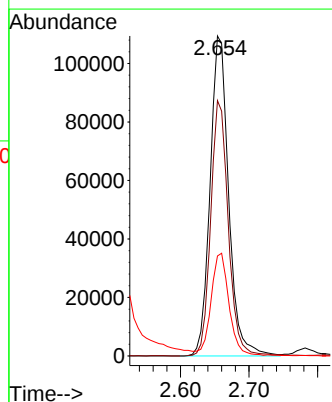
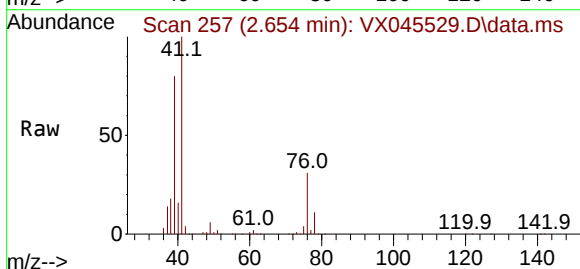
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

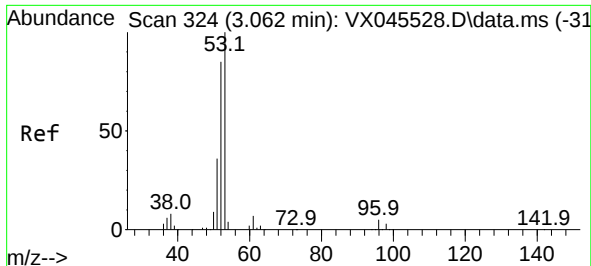
Tgt Ion: 56 Resp: 146268
Ion Ratio Lower Upper
56 100
55 69.5 56.2 84.2



#14
Allyl chloride
Concen: 105.276 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 41 Resp: 206484
Ion Ratio Lower Upper
41 100
39 75.8 60.2 90.2
76 31.3 24.6 36.8

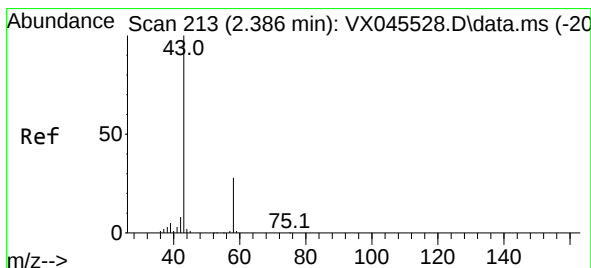
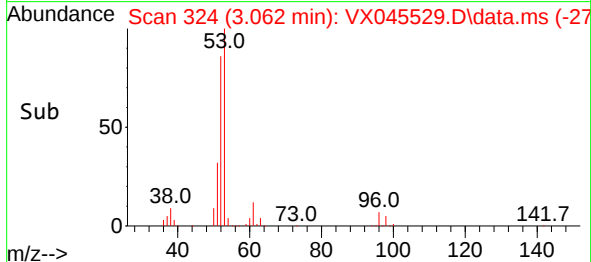
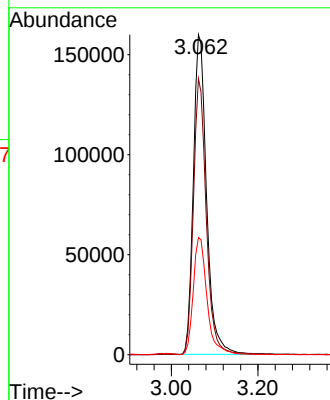
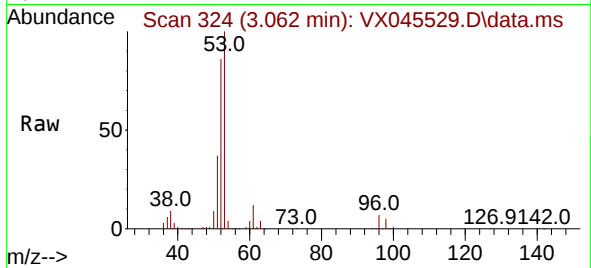




#15
Acrylonitrile
Concen: 507.426 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

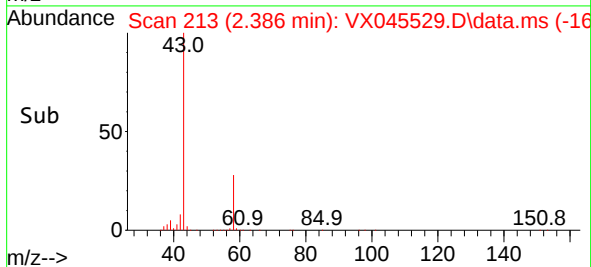
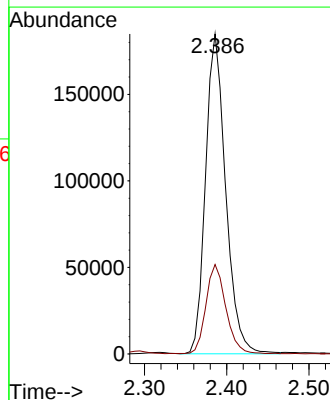
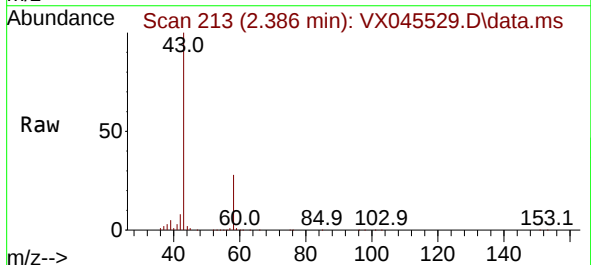
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

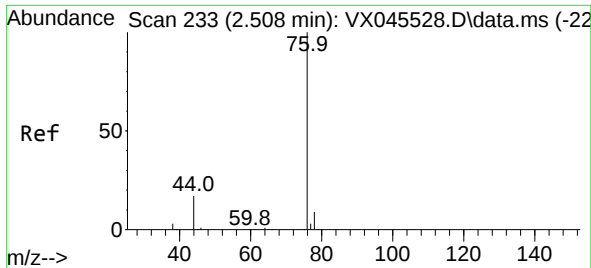
Tgt Ion: 53 Resp: 338970
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.2
51 38.0 29.9 44.9



#16
Acetone
Concen: 486.054 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 314285
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5

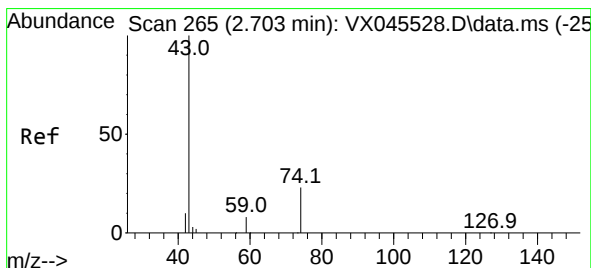
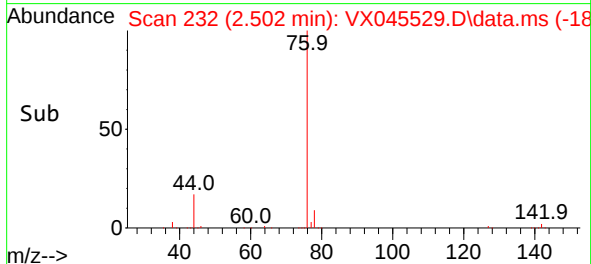
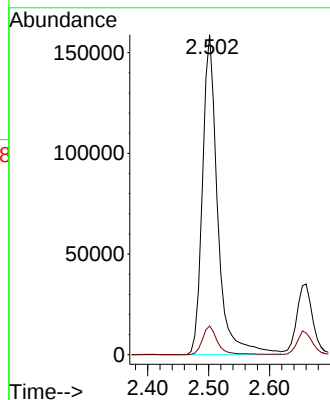
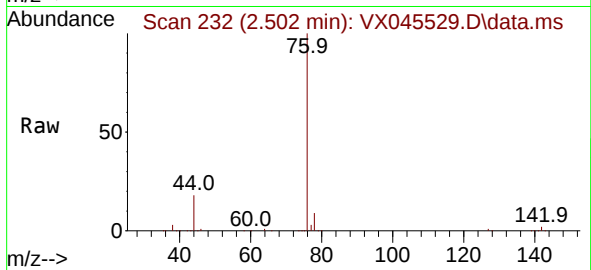




#17
Carbon Disulfide
Concen: 108.215 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

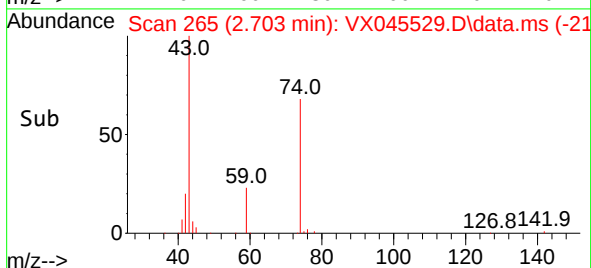
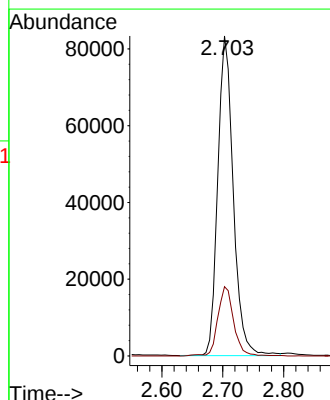
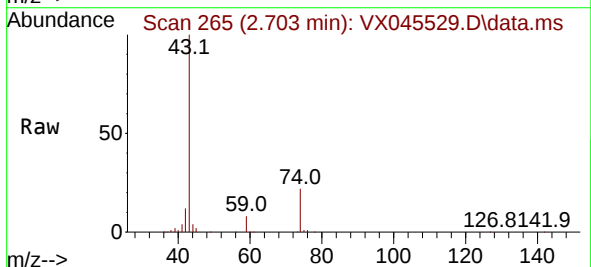
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

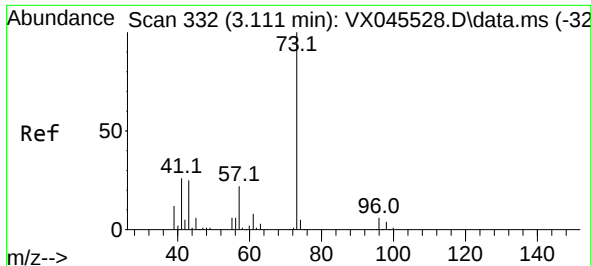
Tgt Ion: 76 Resp: 276285
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 98.925 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 147272
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3

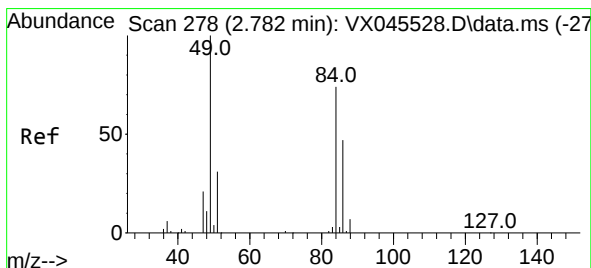
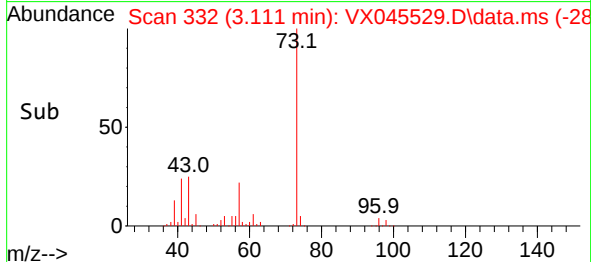
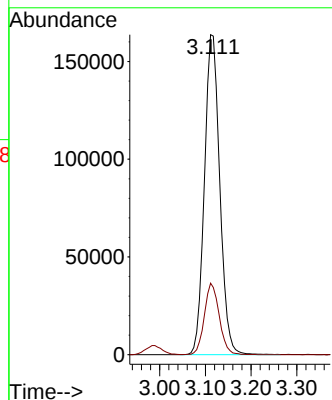
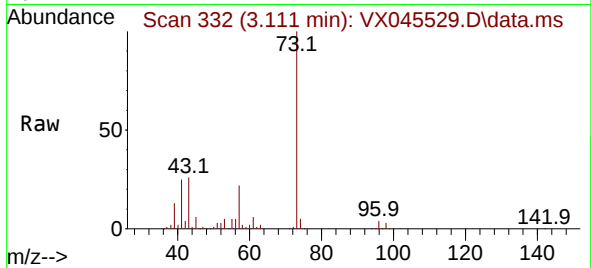




#19
Methyl tert-butyl Ether
Concen: 105.561 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

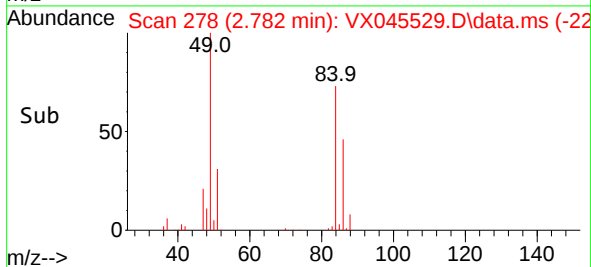
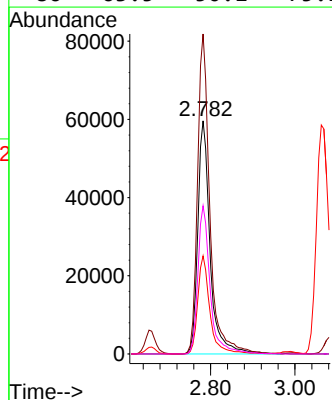
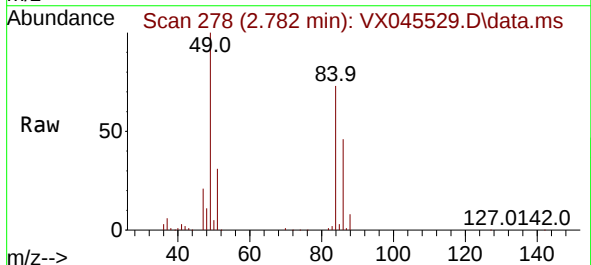
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

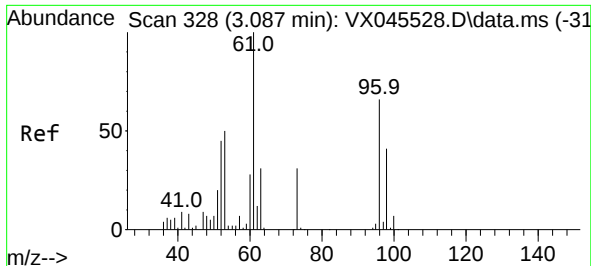
Tgt Ion: 73 Resp: 381719
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4



#20
Methylene Chloride
Concen: 100.316 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 84 Resp: 121435
Ion Ratio Lower Upper
84 100
49 137.2 107.5 161.3
51 42.1 33.0 49.6
86 63.5 50.1 75.1

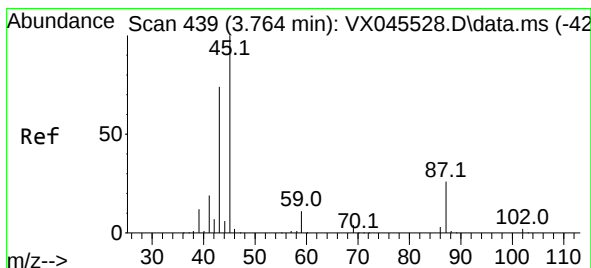
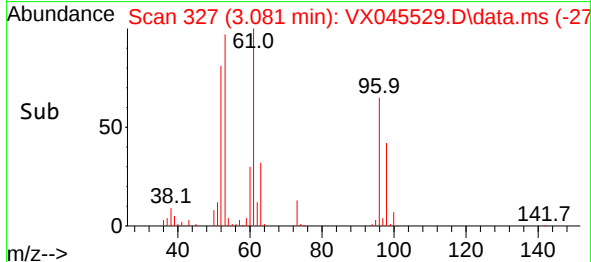
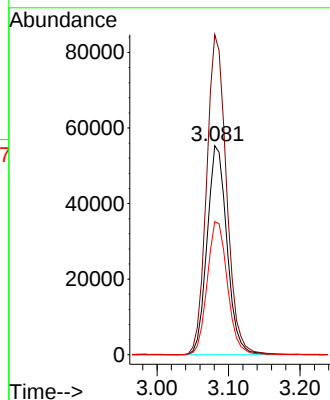
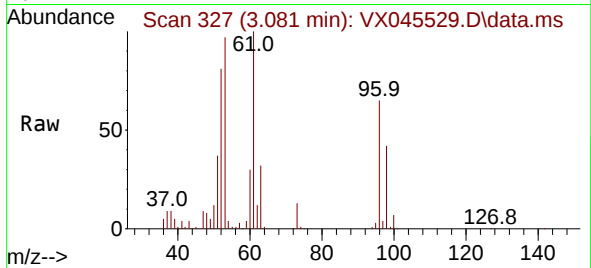




#21
trans-1,2-Dichloroethene
Concen: 101.220 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

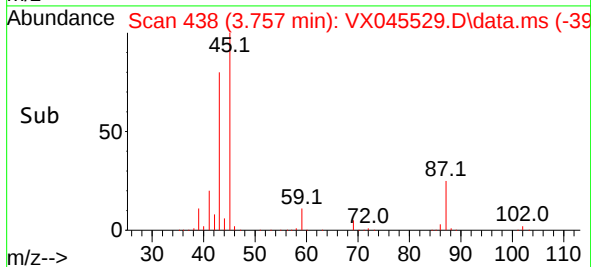
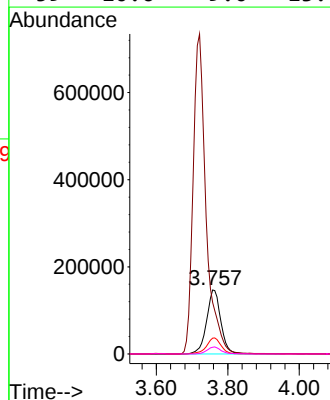
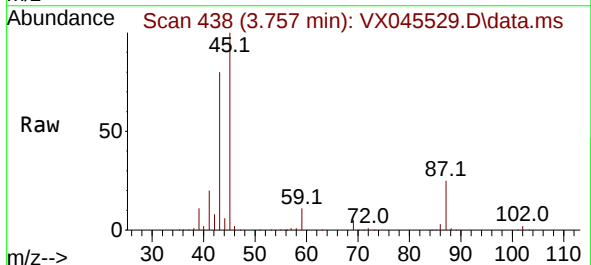
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

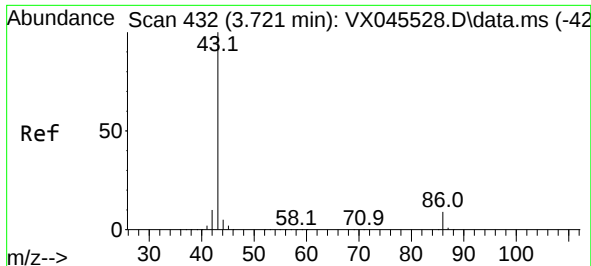
Tgt Ion: 96 Resp: 106896
Ion Ratio Lower Upper
96 100
61 153.1 121.0 181.6
98 63.7 49.7 74.5



#22
Diisopropyl ether
Concen: 105.132 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 45 Resp: 406185
Ion Ratio Lower Upper
45 100
43 80.1 59.3 88.9
87 24.7 20.4 30.6
59 10.6 9.0 13.6

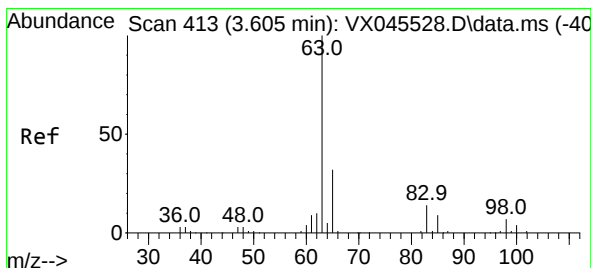
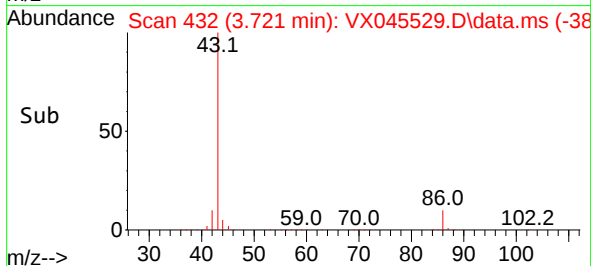
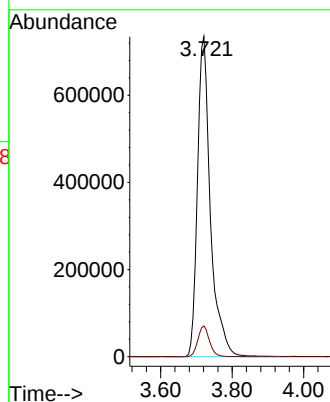
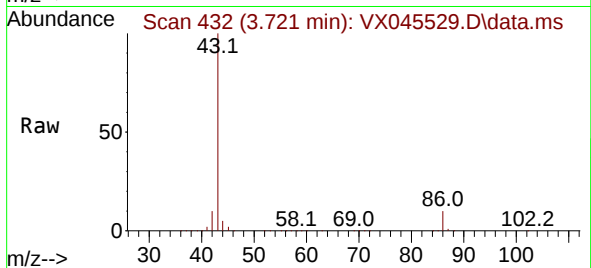




#23
 Vinyl Acetate
 Concen: 553.853 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

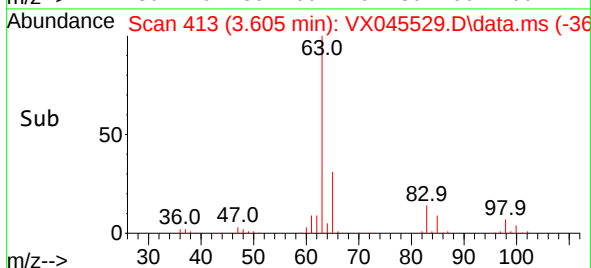
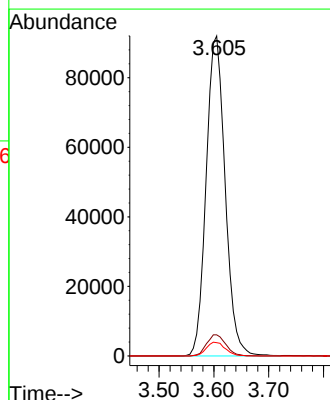
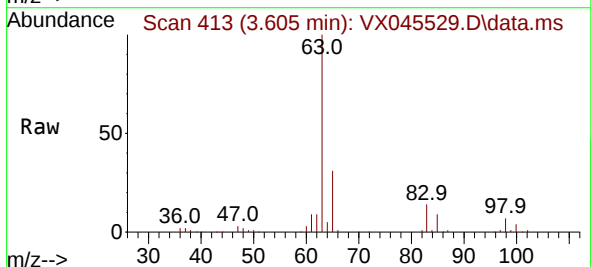
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

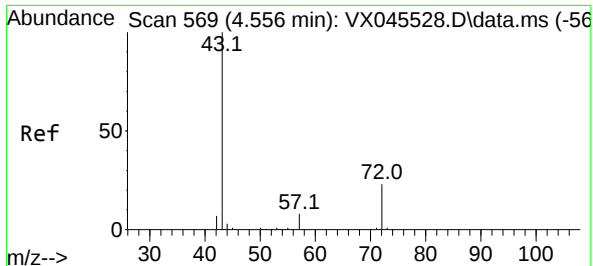
Tgt Ion: 43 Resp: 1848817
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 101.114 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

Tgt Ion: 63 Resp: 220934
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.2 2.2 6.6

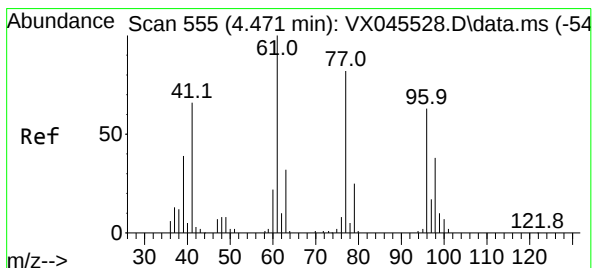
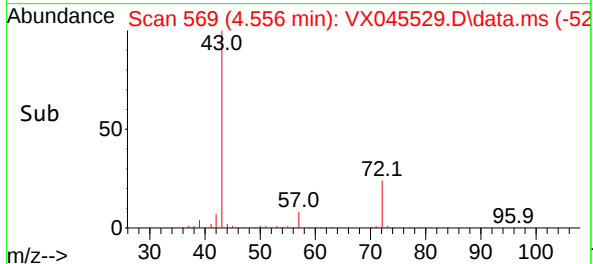
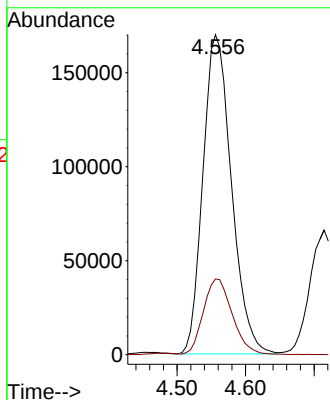
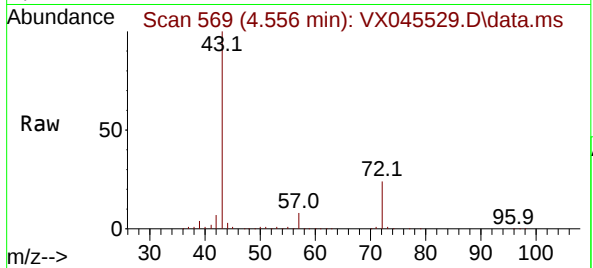




#25
2-Butanone
Concen: 519.018 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

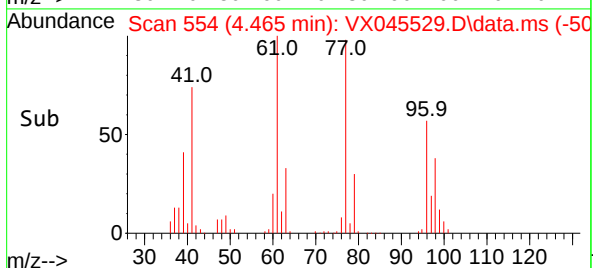
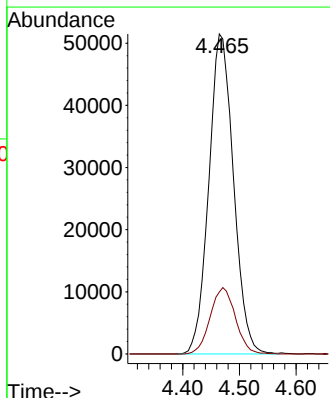
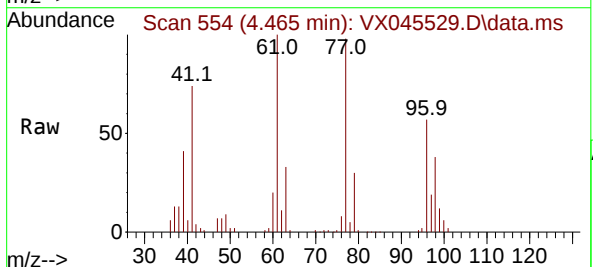
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

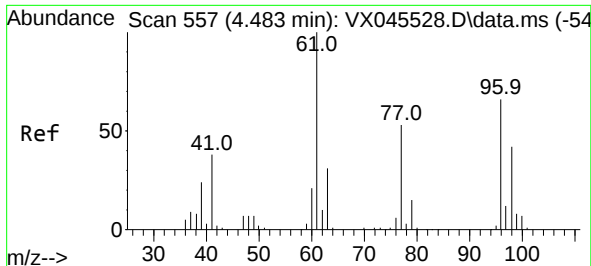
Tgt Ion: 43 Resp: 491249
Ion Ratio Lower Upper
43 100
72 23.5 18.6 28.0



#26
2,2-Dichloropropane
Concen: 110.215 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 77 Resp: 155592
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 100.871 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

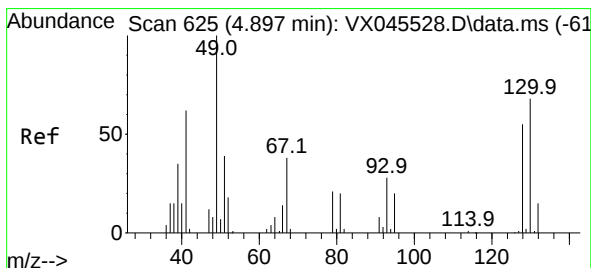
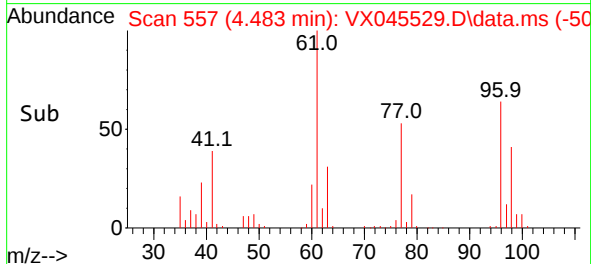
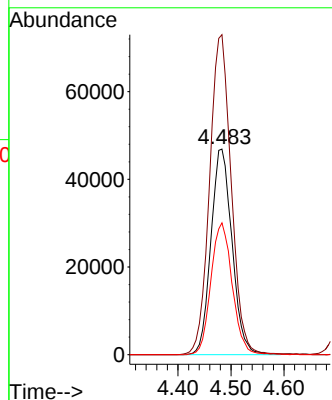
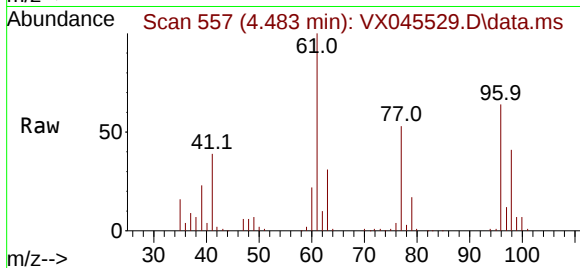
Tgt Ion: 96 Resp: 129785

Ion Ratio Lower Upper

96 100

61 159.4 0.0 313.2

98 64.7 0.0 126.4



#28

Bromochloromethane

Concen: 99.530 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

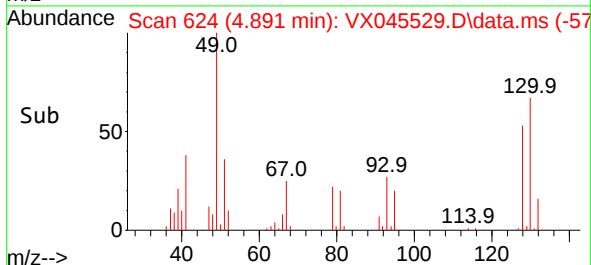
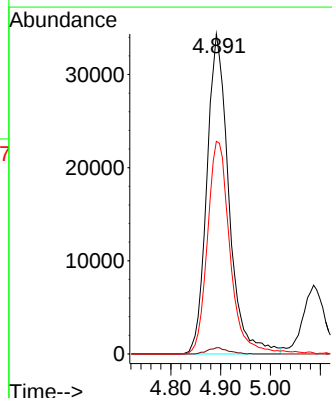
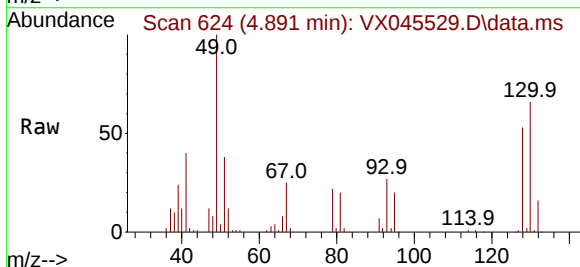
Tgt Ion: 49 Resp: 105093

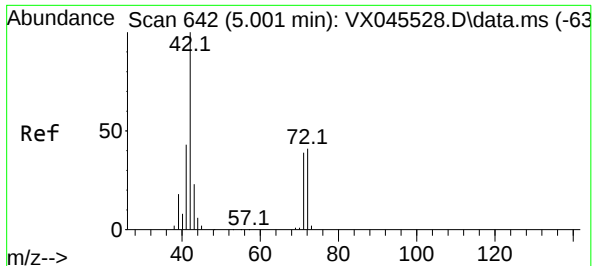
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 68.4 54.6 81.8





#29

Tetrahydrofuran

Concen: 510.264 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

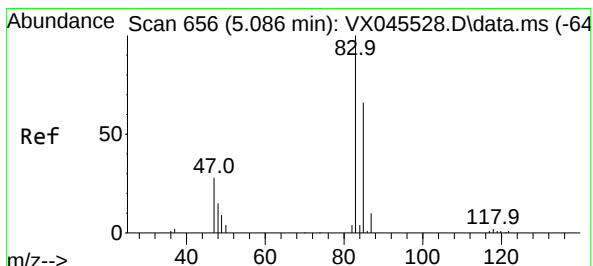
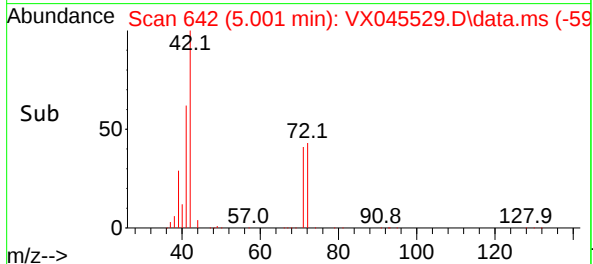
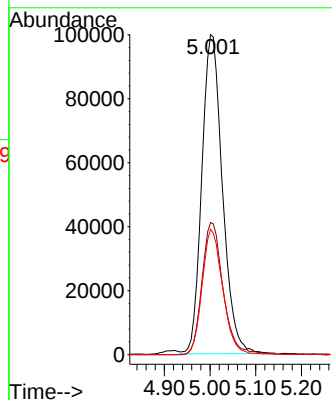
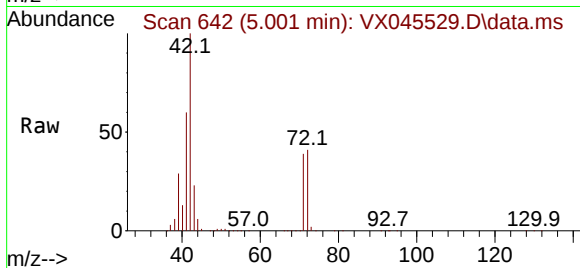
Tgt Ion: 42 Resp: 313121

Ion Ratio Lower Upper

42 100

72 42.3 33.4 50.0

71 39.1 31.4 47.0



#30

Chloroform

Concen: 100.255 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045529.D

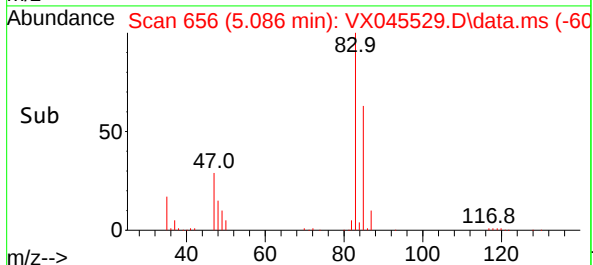
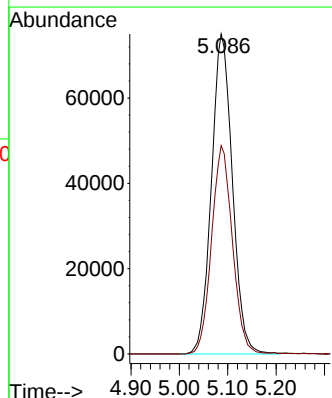
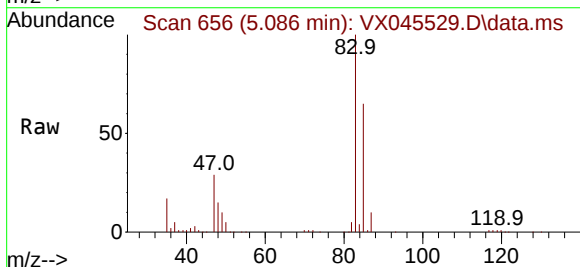
Acq: 01 Apr 2025 18:38

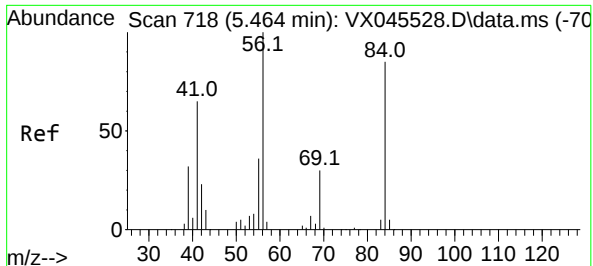
Tgt Ion: 83 Resp: 225402

Ion Ratio Lower Upper

83 100

85 65.1 52.8 79.2

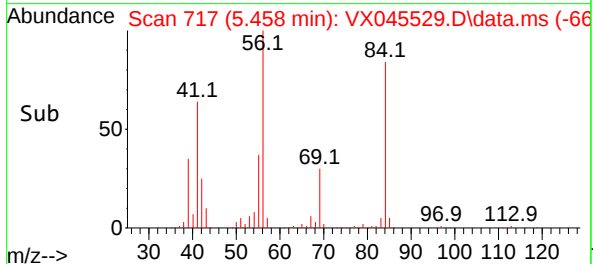
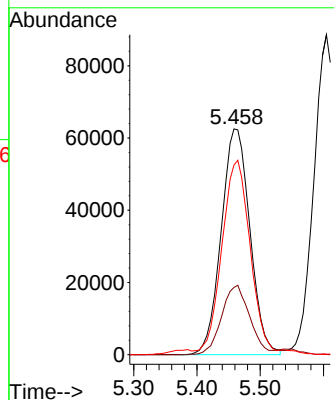
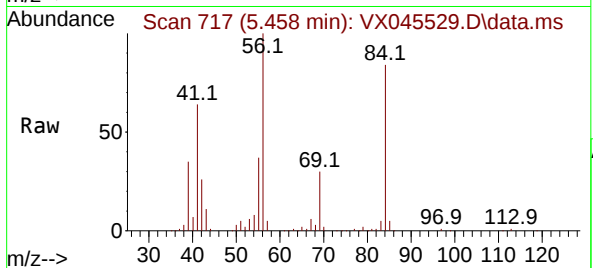




#31
Cyclohexane
Concen: 102.056 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

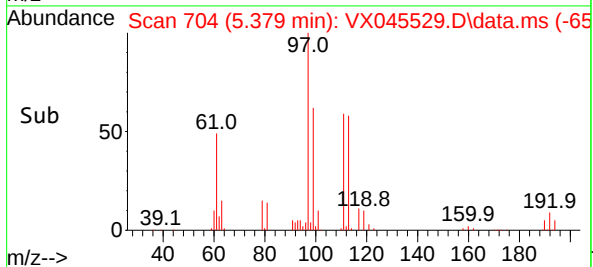
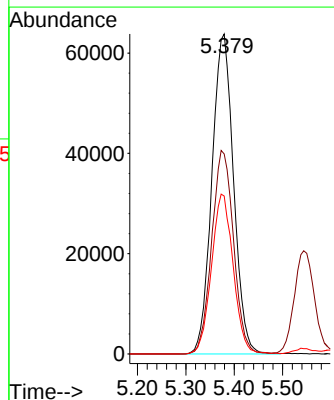
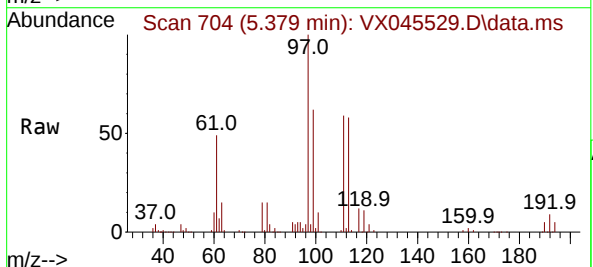
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 197136
Ion Ratio Lower Upper
56 100
69 29.8 23.6 35.4
84 82.1 67.7 101.5



#32
1,1,1-Trichloroethane
Concen: 104.346 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 97 Resp: 198511
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 50.2 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 98.914 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

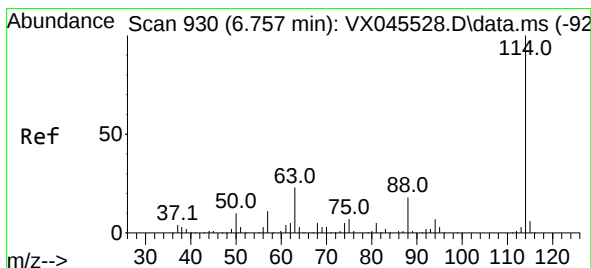
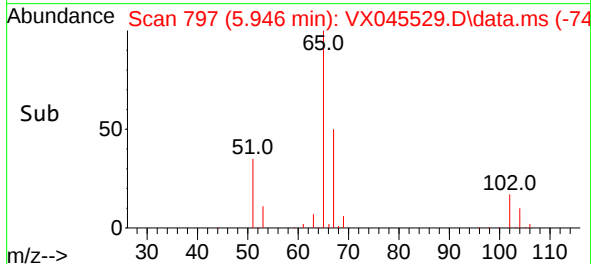
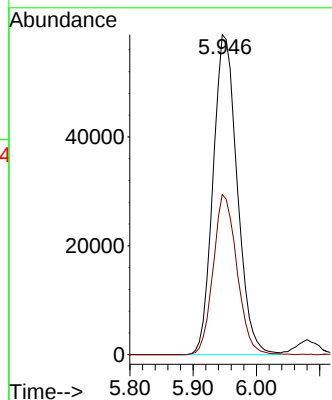
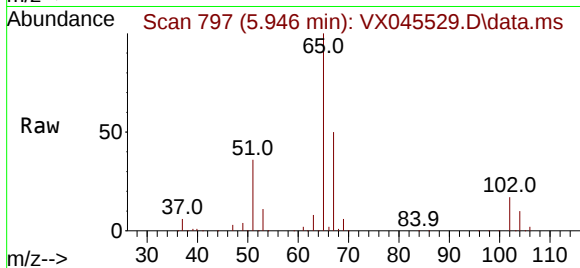
VSTDIC100

Tgt Ion: 65 Resp: 155757

Ion Ratio Lower Upper

65 100

67 49.3 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: VX045529.D

Acq: 01 Apr 2025 18:38

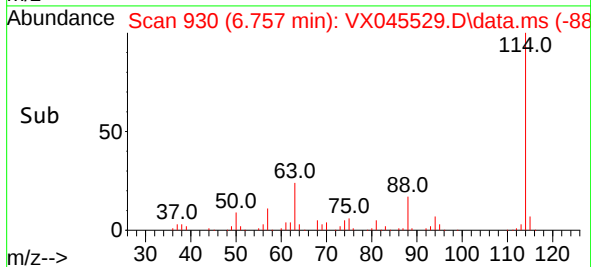
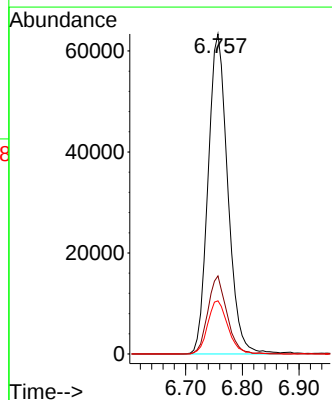
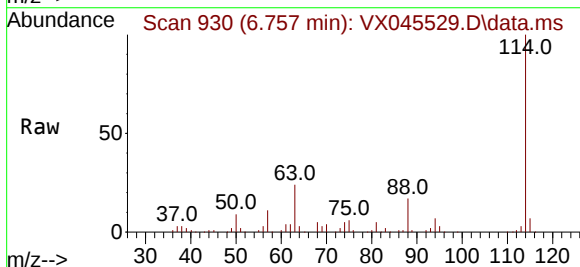
Tgt Ion: 114 Resp: 152724

Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 16.6 0.0 35.4

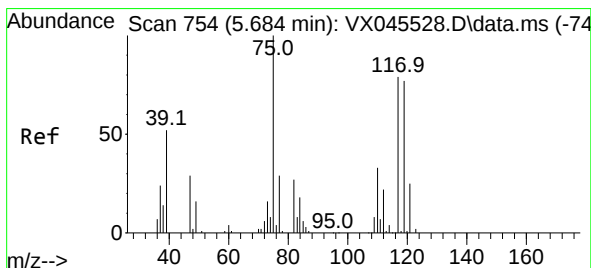
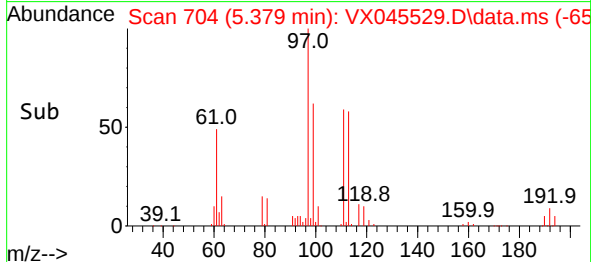
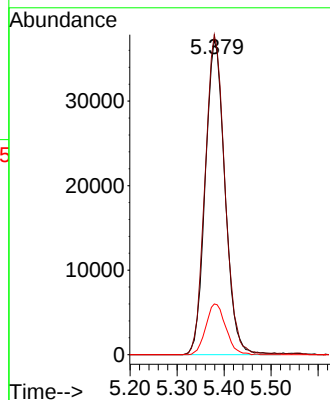
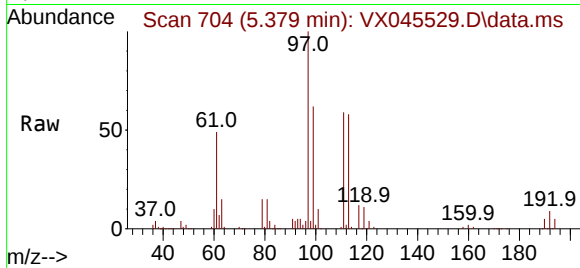




#35
Dibromofluoromethane
Concen: 99.585 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

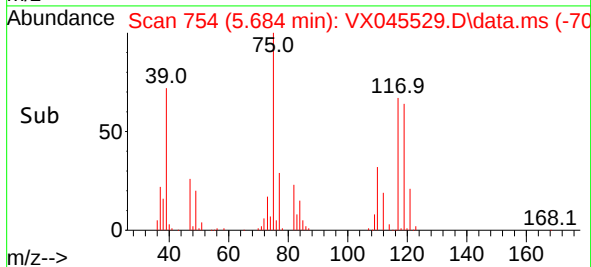
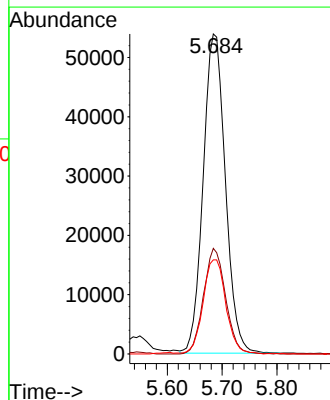
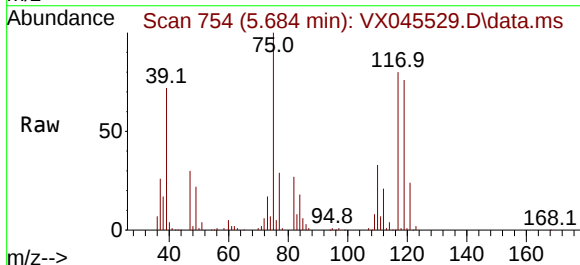
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

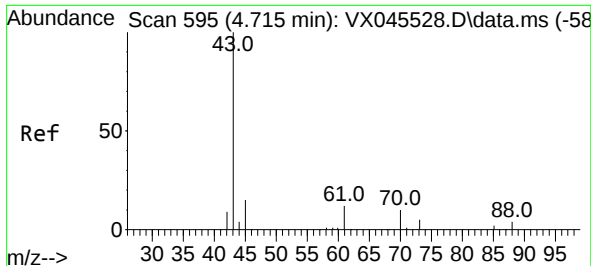
Tgt Ion:113 Resp: 107908
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.4 13.8 20.6



#36
1,1-Dichloropropene
Concen: 103.515 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 151448
Ion Ratio Lower Upper
75 100
110 32.8 16.9 50.6
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 104.207 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

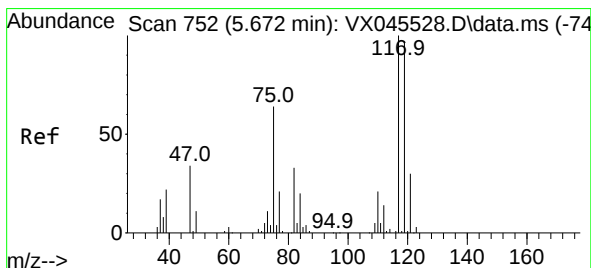
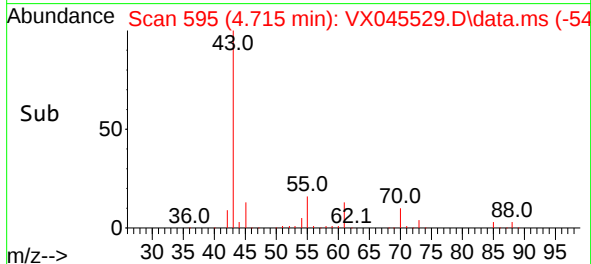
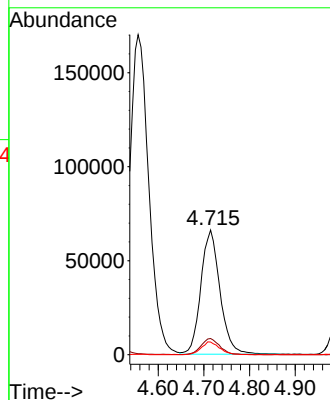
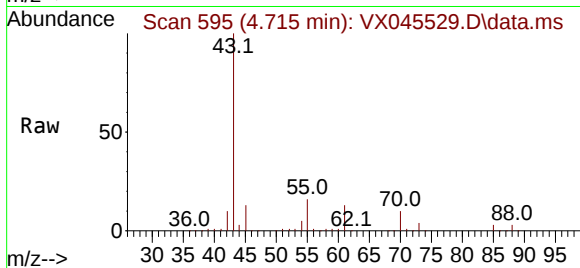
Tgt Ion: 43 Resp: 192130

Ion Ratio Lower Upper

43 100

61 12.9 9.9 14.9

70 9.8 7.5 11.3



#38

Carbon Tetrachloride

Concen: 105.278 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

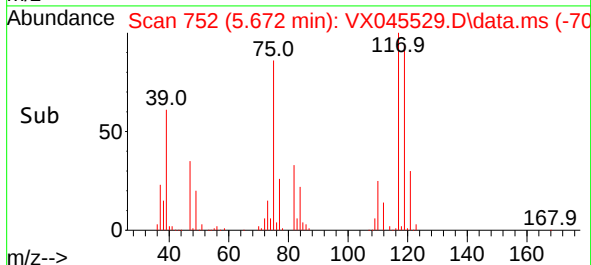
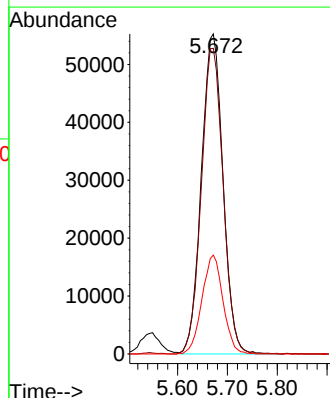
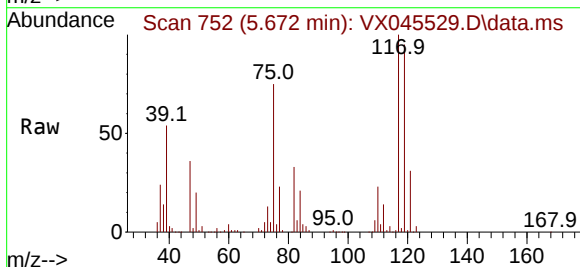
Tgt Ion: 117 Resp: 166465

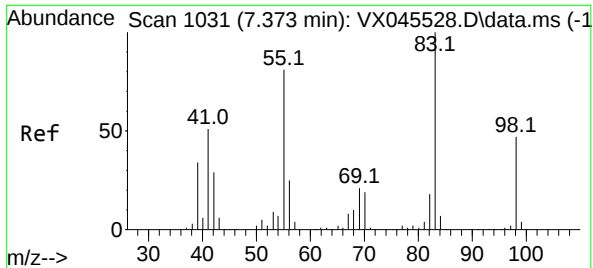
Ion Ratio Lower Upper

117 100

119 95.5 76.9 115.3

121 30.9 24.2 36.2

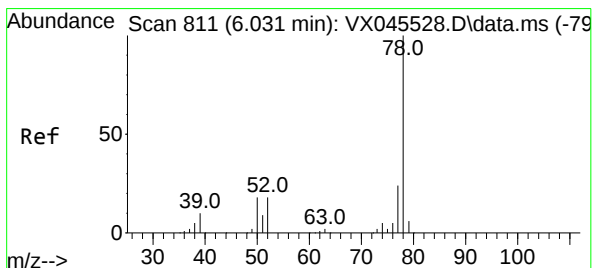
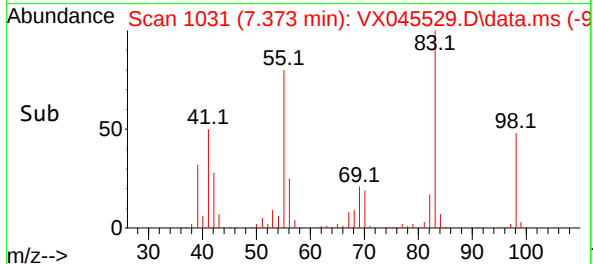
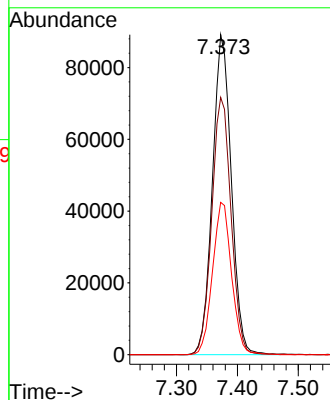
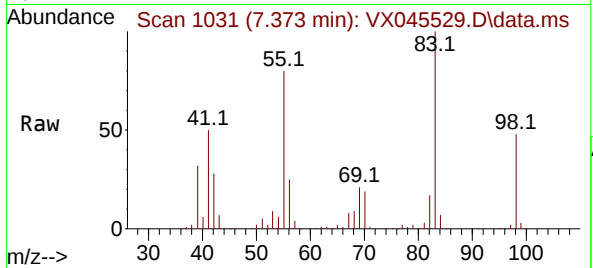




#39
Methylcyclohexane
Concen: 106.921 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

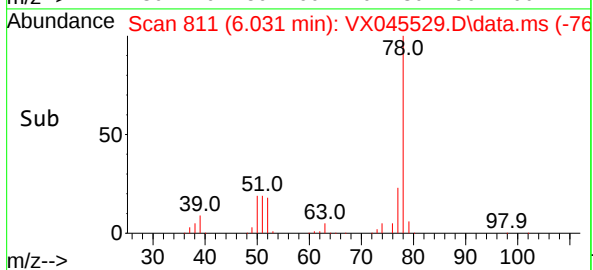
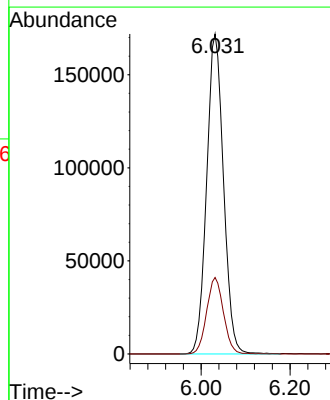
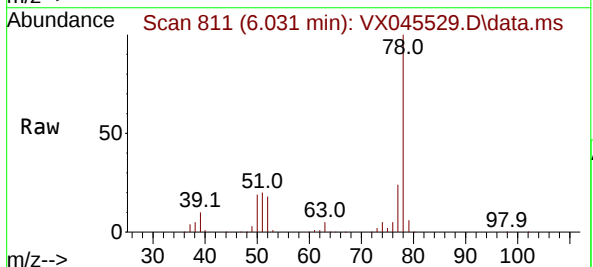
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 191752
Ion Ratio Lower Upper
83 100
55 80.4 64.9 97.3
98 47.6 37.4 56.0



#40
Benzene
Concen: 101.369 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 78 Resp: 452946
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



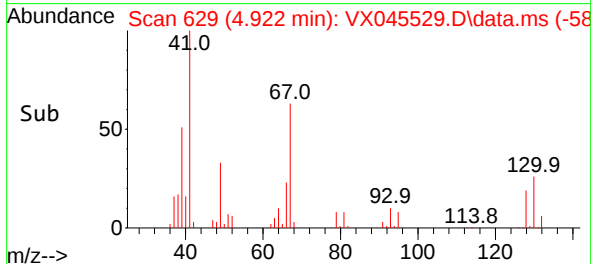
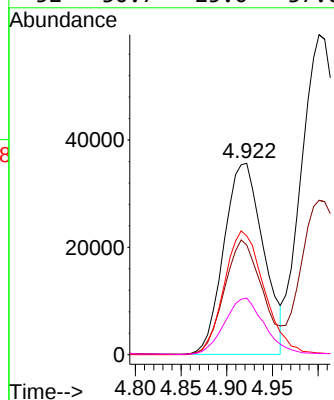
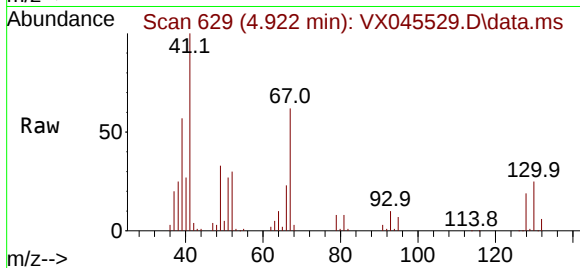


#41
Methacrylonitrile
Concen: 109.068 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 107037

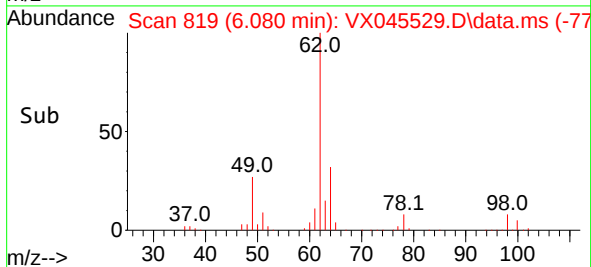
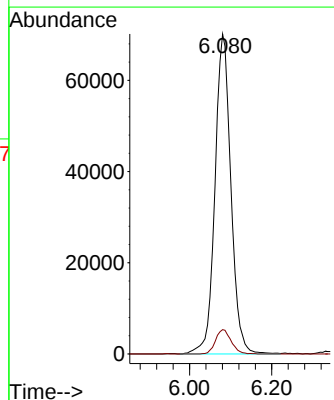
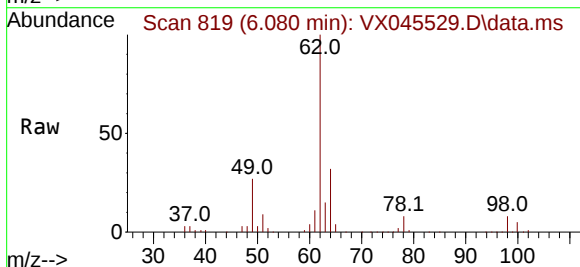
Ion	Ratio	Lower	Upper
41	100		
39	57.9	47.0	70.6
67	66.2	53.2	79.8
52	30.7	25.0	37.6

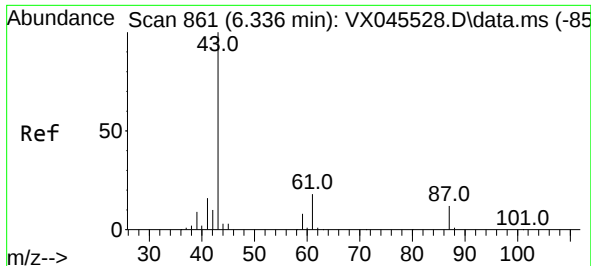


#42
1,2-Dichloroethane
Concen: 102.696 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 62 Resp: 189528

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2

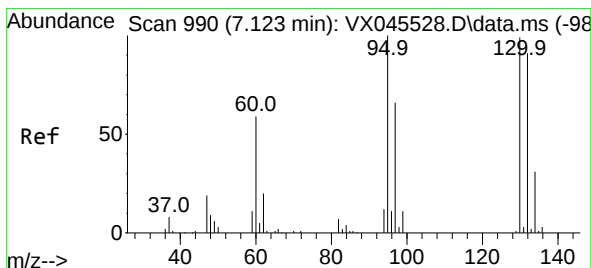
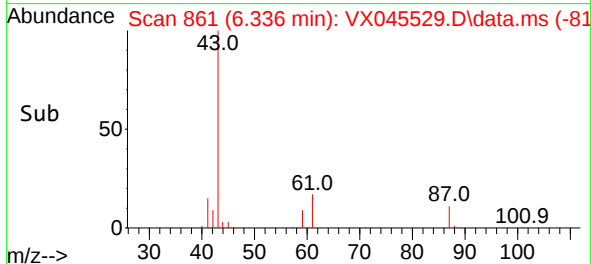
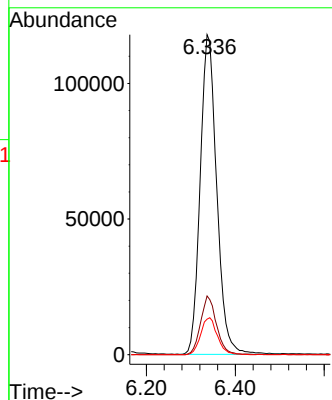
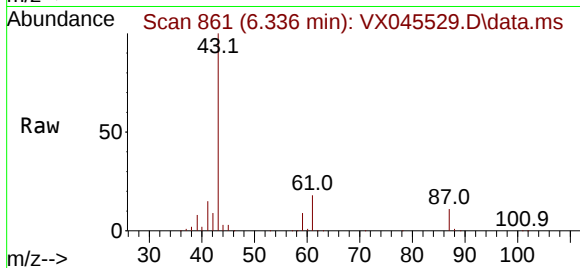




#43
Isopropyl Acetate
Concen: 109.494 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

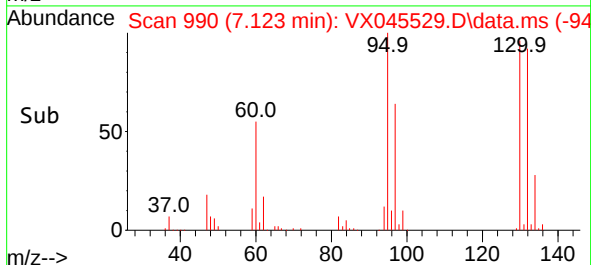
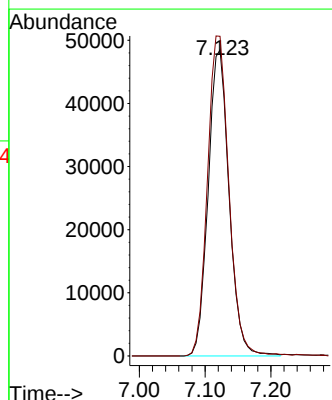
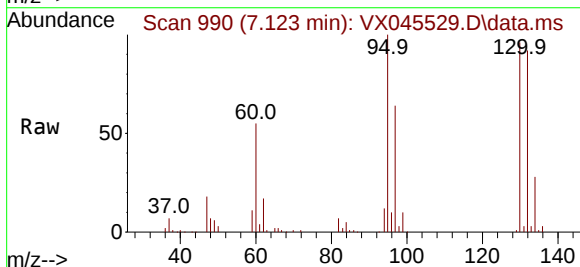
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 305974
Ion Ratio Lower Upper
43 100
61 17.6 14.1 21.1
87 11.6 9.2 13.8



#44
Trichloroethene
Concen: 101.062 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:130 Resp: 107332
Ion Ratio Lower Upper
130 100
95 104.4 0.0 202.0

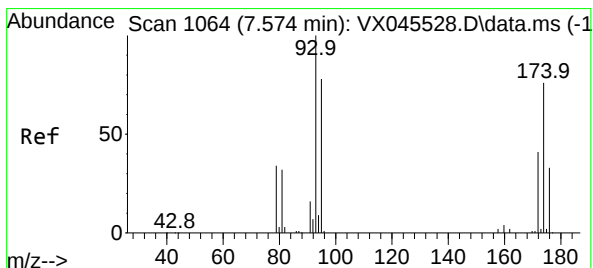
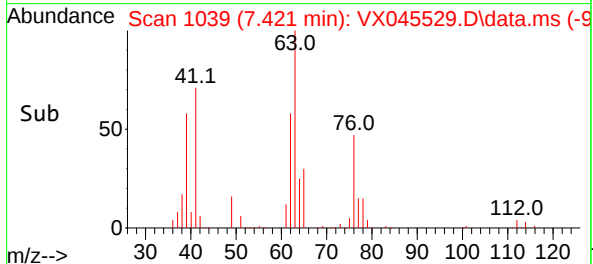
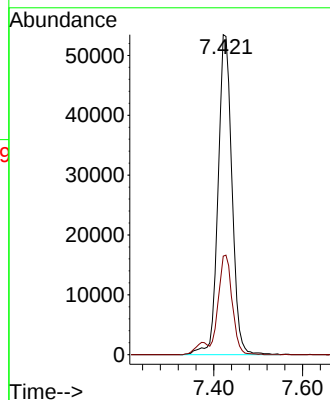
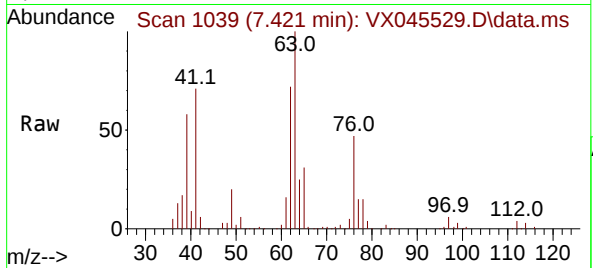




#45
1,2-Dichloropropane
Concen: 103.806 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

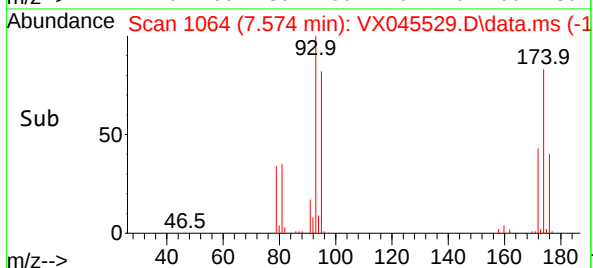
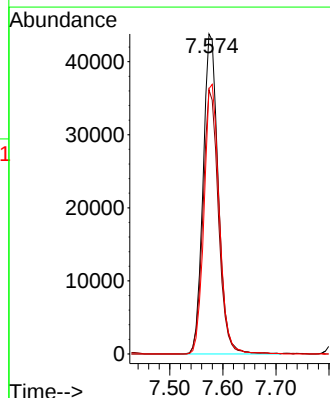
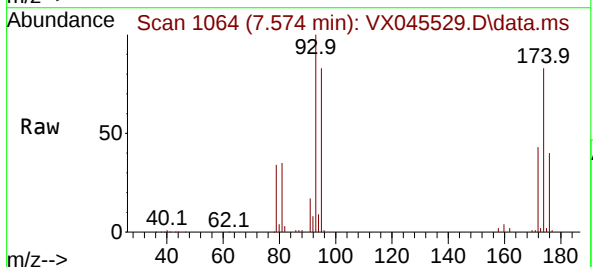
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

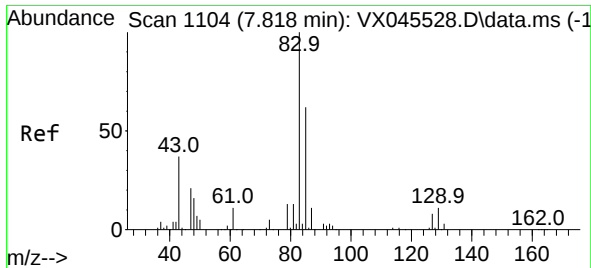
Tgt Ion: 63 Resp: 115731
Ion Ratio Lower Upper
63 100
65 30.8 25.8 38.6



#46
Dibromomethane
Concen: 102.101 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 93 Resp: 87381
Ion Ratio Lower Upper
93 100
95 83.4 64.8 97.2
174 84.4 65.4 98.0

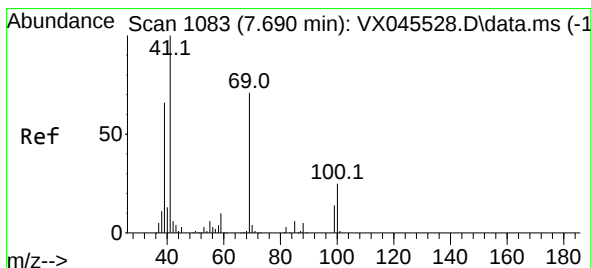
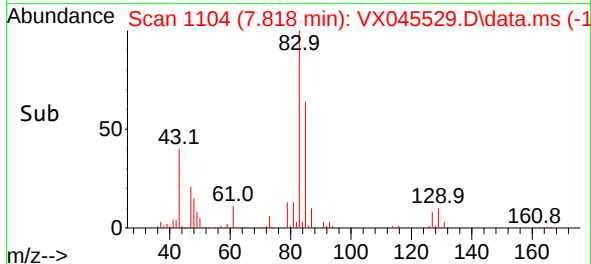
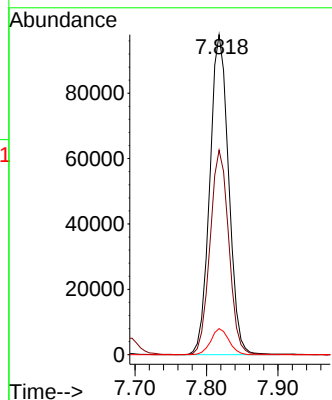
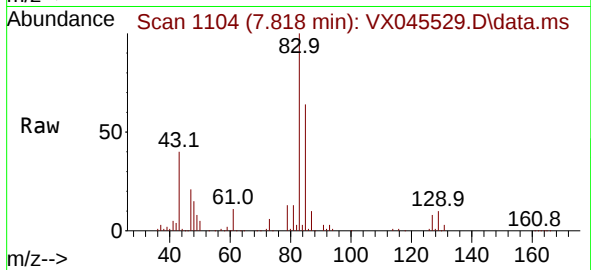




#47
Bromodichloromethane
Concen: 104.886 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

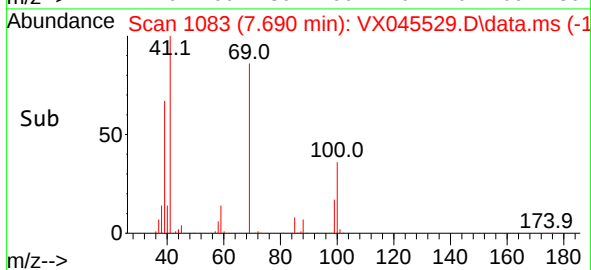
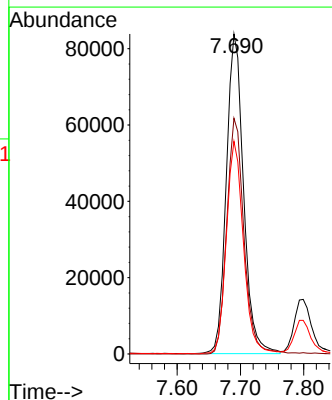
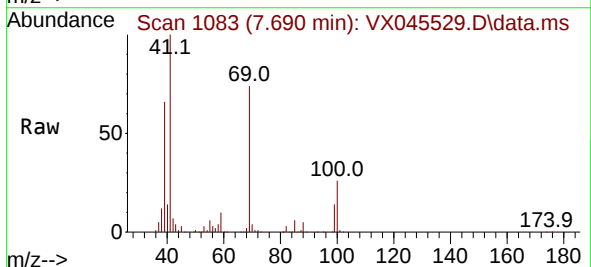
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

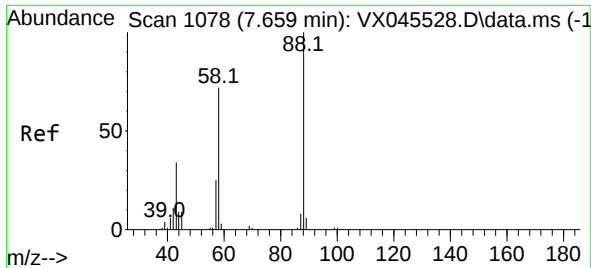
Tgt Ion: 83 Resp: 179265
Ion Ratio Lower Upper
83 100
85 63.8 49.7 74.5
127 8.2 6.1 9.1



#48
Methyl methacrylate
Concen: 109.675 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 41 Resp: 158241
Ion Ratio Lower Upper
41 100
69 73.5 58.2 87.2
39 65.9 53.6 80.4

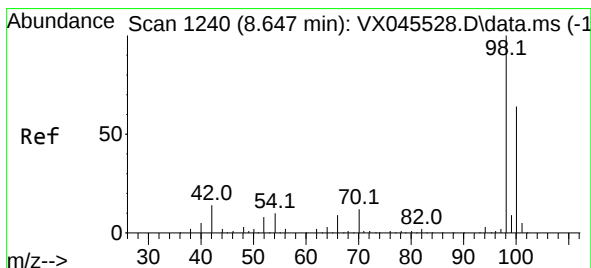
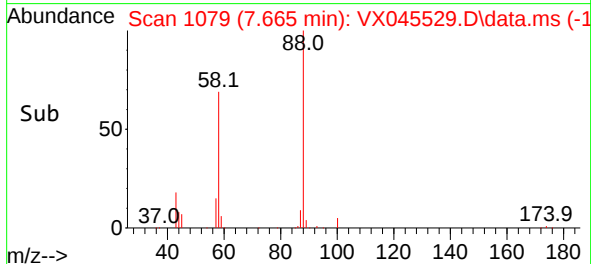
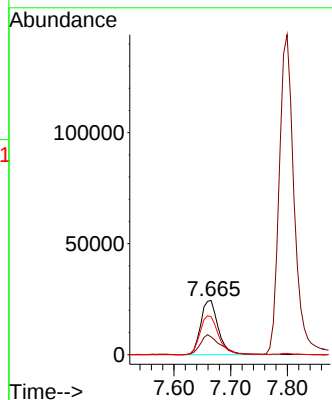
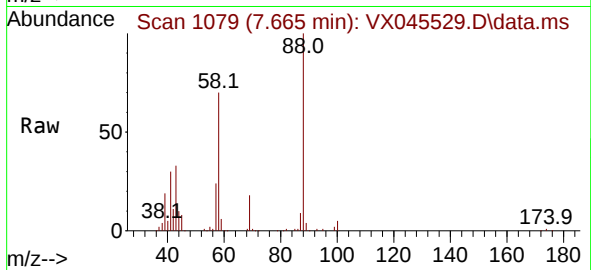




#49
1,4-Dioxane
Concen: 2015.906 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

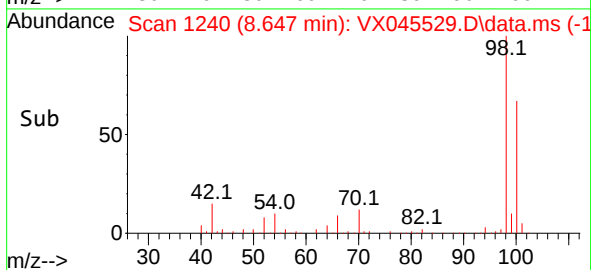
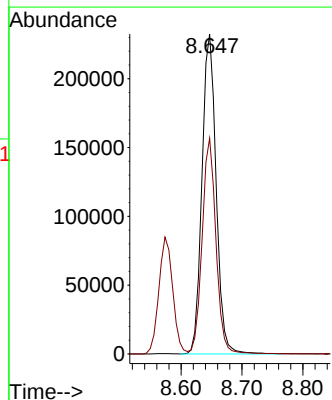
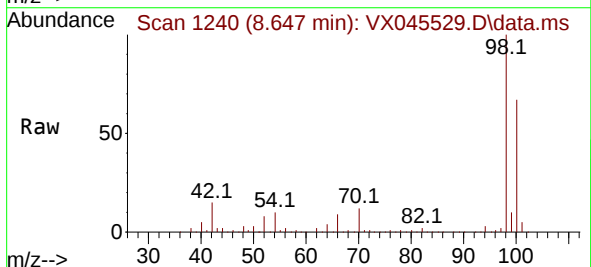
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

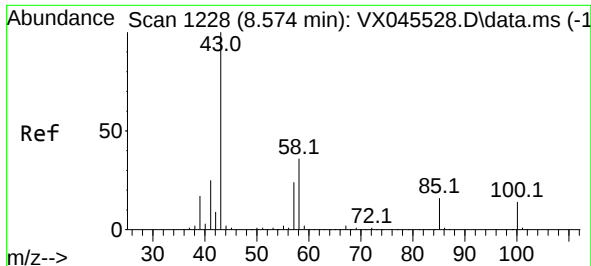
Tgt Ion: 88 Resp: 52624
Ion Ratio Lower Upper
88 100
43 42.4 32.2 48.4
58 75.5 58.6 88.0



#50
Toluene-d8
Concen: 99.309 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 98 Resp: 375599
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

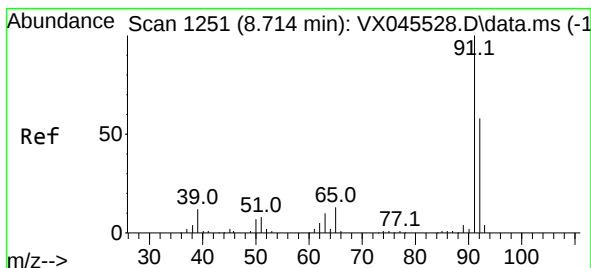
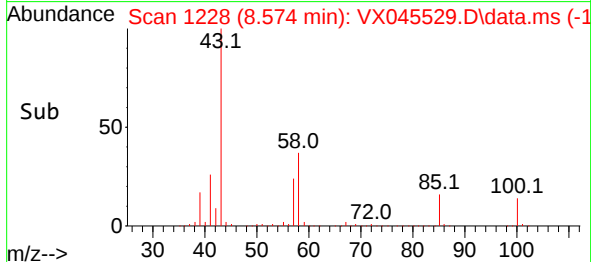
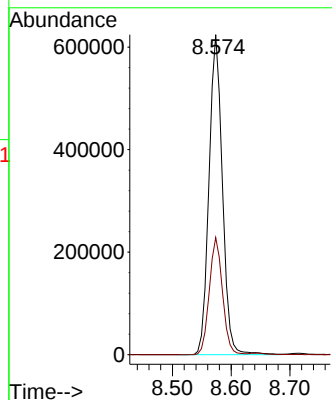
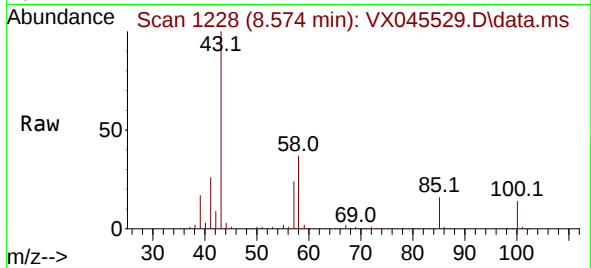




#51
4-Methyl-2-Pentanone
Concen: 533.814 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

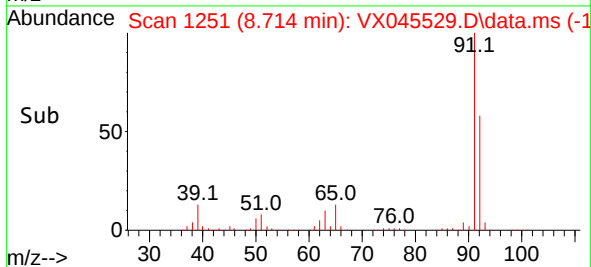
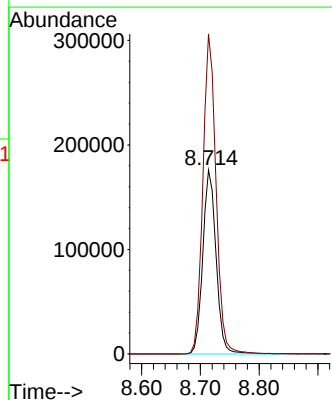
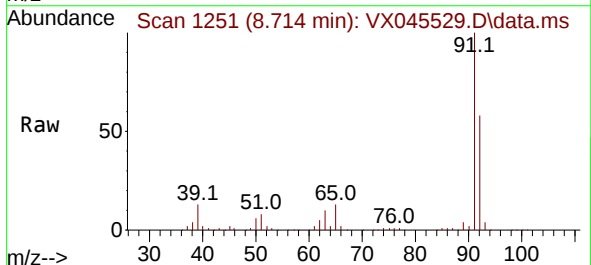
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

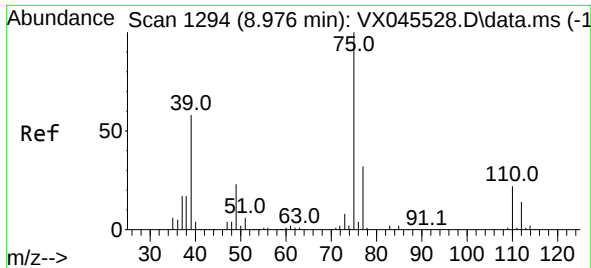
Tgt Ion: 43 Resp: 988881
Ion Ratio Lower Upper
43 100
58 36.1 28.5 42.7



#52
Toluene
Concen: 102.199 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 92 Resp: 276323
Ion Ratio Lower Upper
92 100
91 172.5 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 100.645 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

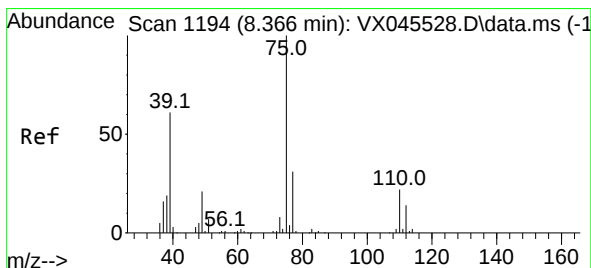
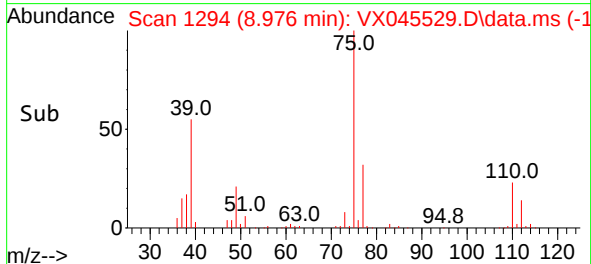
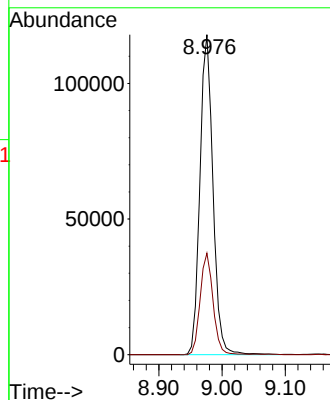
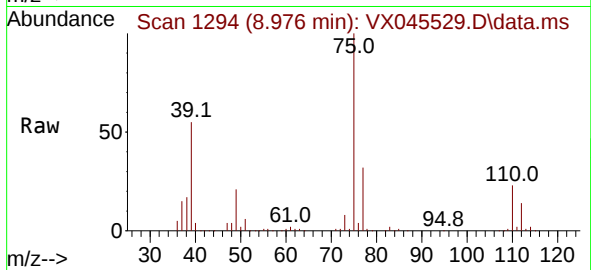
VSTDICC100

Tgt Ion: 75 Resp: 169413

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 113.521 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

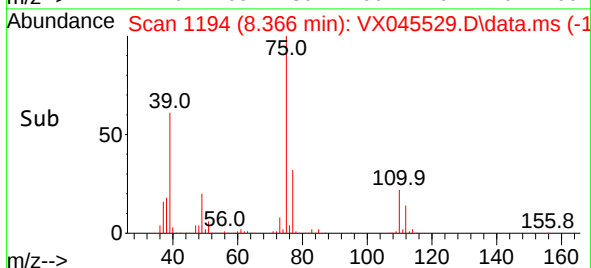
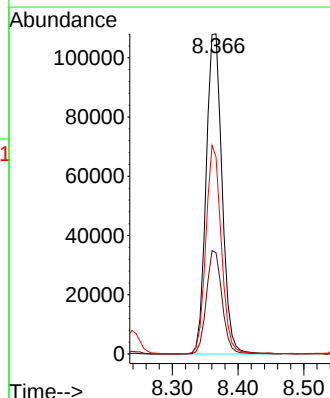
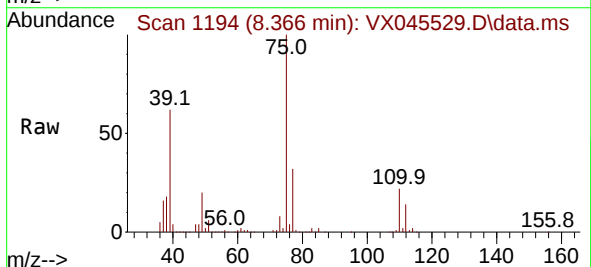
Tgt Ion: 75 Resp: 182328

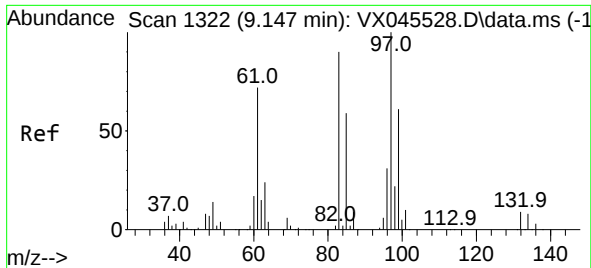
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 61.4 48.4 72.6



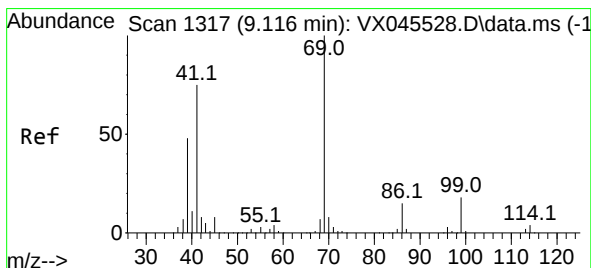
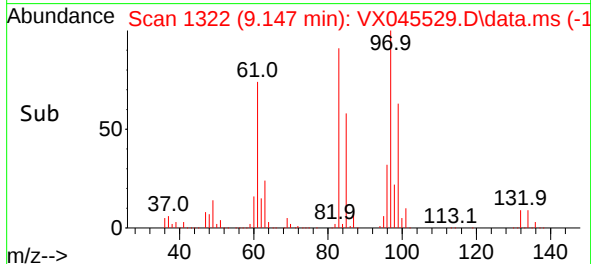
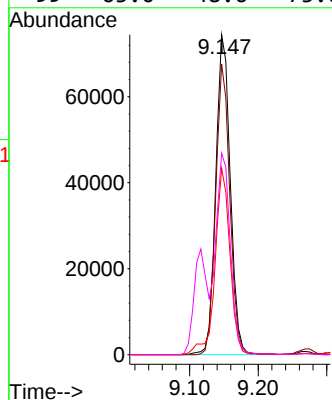
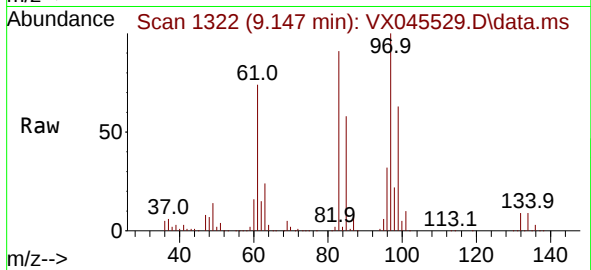


#55
1,1,2-Trichloroethane
Concen: 101.361 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 109208

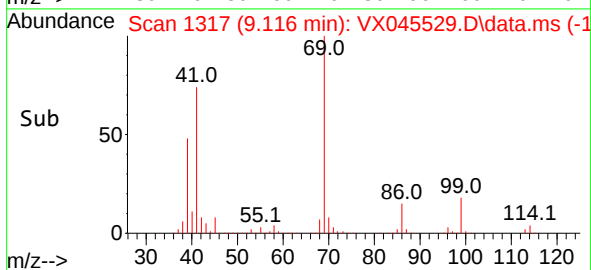
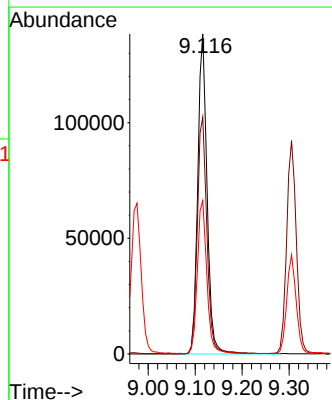
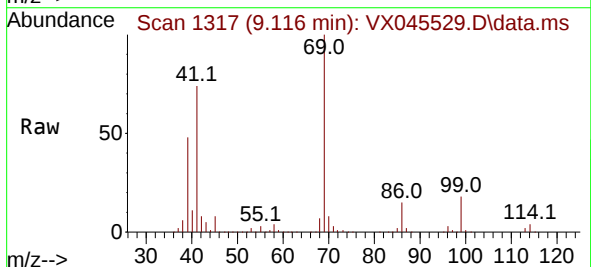
Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.8	107.8
85	58.2	47.0	70.6
99	63.0	48.6	73.0

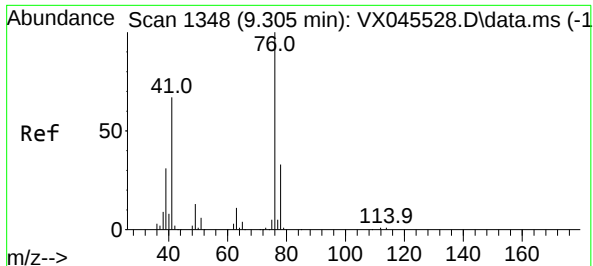


#56
Ethyl methacrylate
Concen: 115.168 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 69 Resp: 192034

Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.3	91.9
39	49.0	40.2	60.2





#57

1,3-Dichloropropane

Concen: 102.588 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

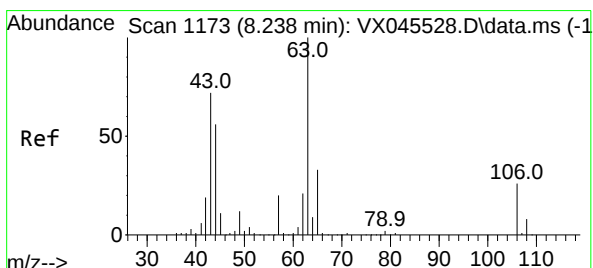
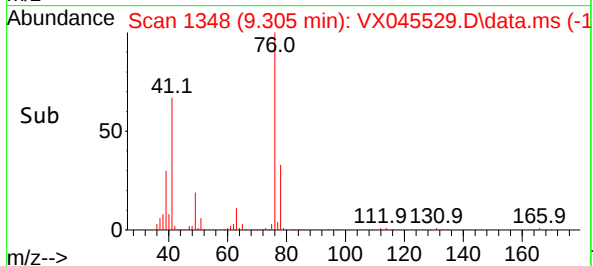
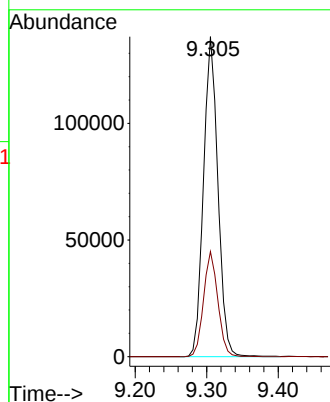
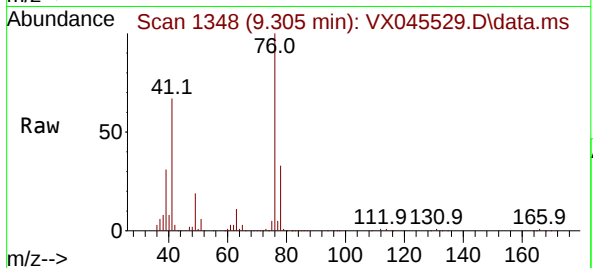
VSTDICC100

Tgt Ion: 76 Resp: 192473

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 545.696 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045529.D

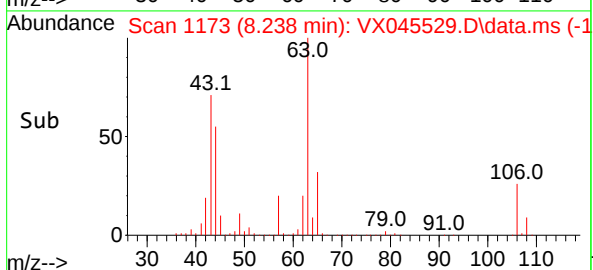
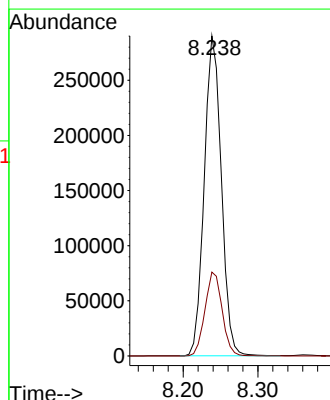
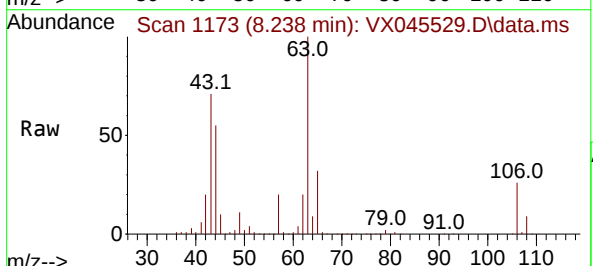
Acq: 01 Apr 2025 18:38

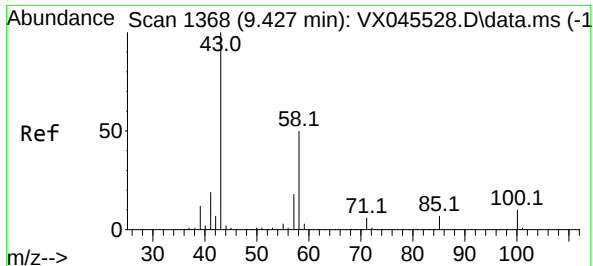
Tgt Ion: 63 Resp: 460297

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.6





#59

2-Hexanone

Concen: 538.538 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

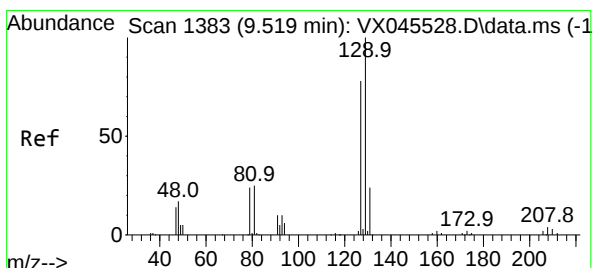
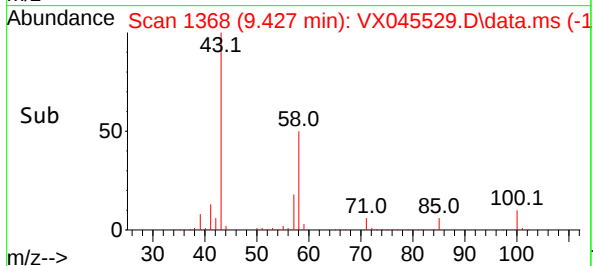
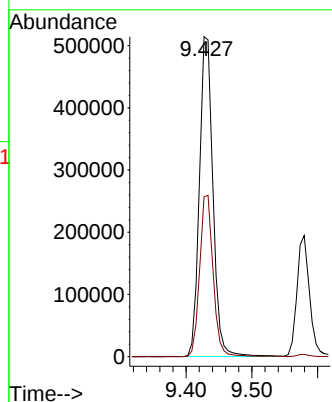
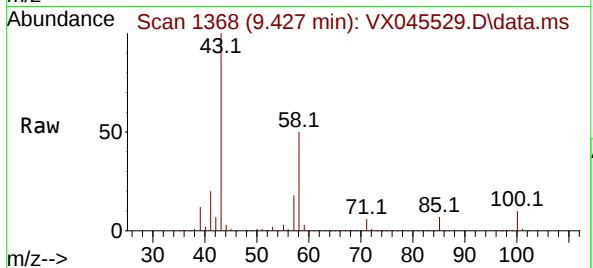
VSTDIC100

Tgt Ion: 43 Resp: 738772

Ion Ratio Lower Upper

43 100

58 50.3 24.9 74.6



#60

Dibromochloromethane

Concen: 109.570 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045529.D

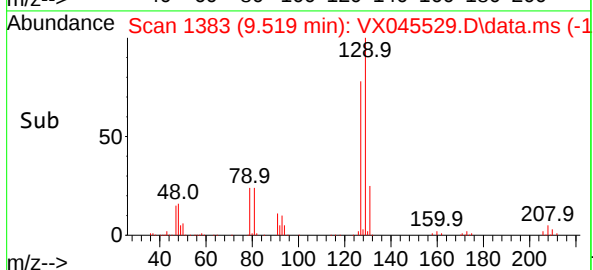
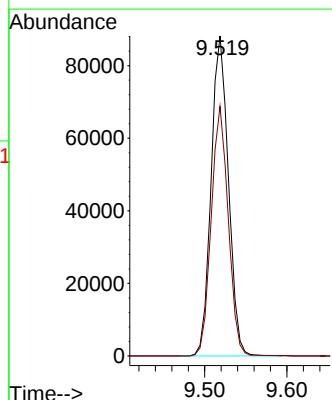
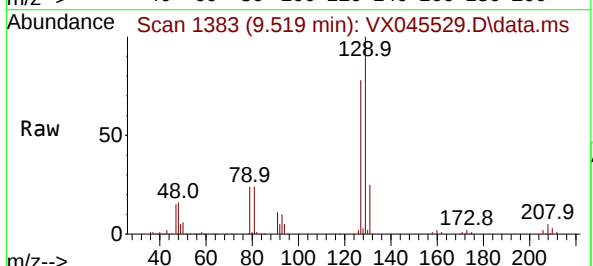
Acq: 01 Apr 2025 18:38

Tgt Ion: 129 Resp: 128700

Ion Ratio Lower Upper

129 100

127 76.8 39.4 118.2

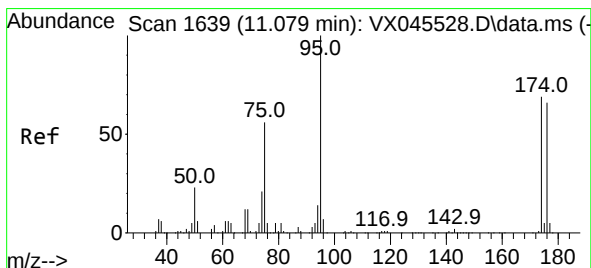
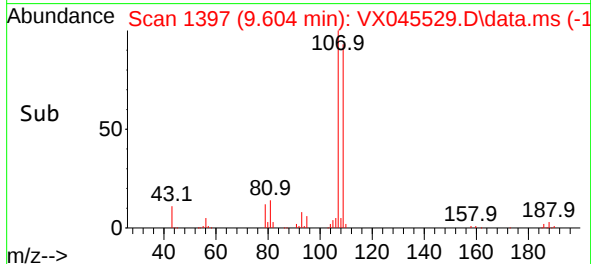
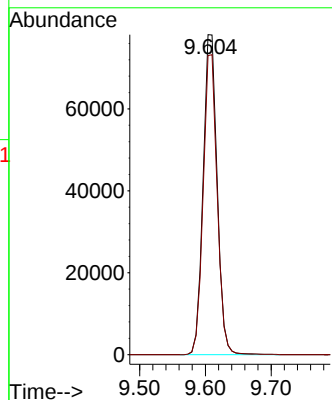
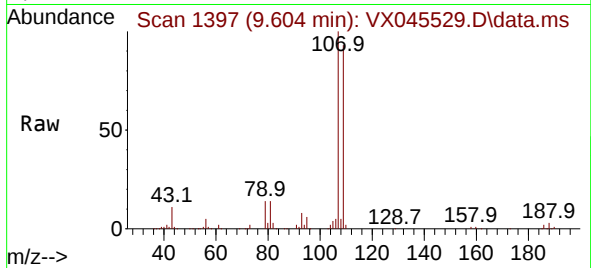




#61
1,2-Dibromoethane
Concen: 106.282 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

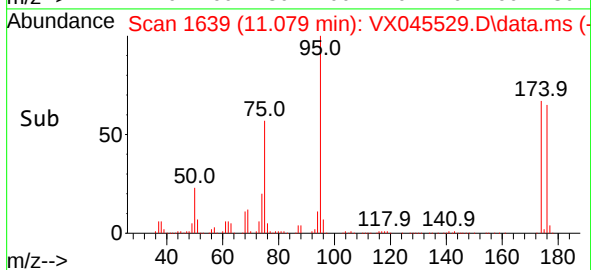
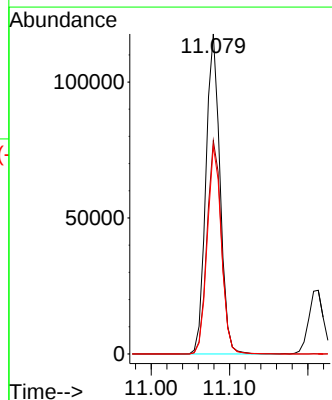
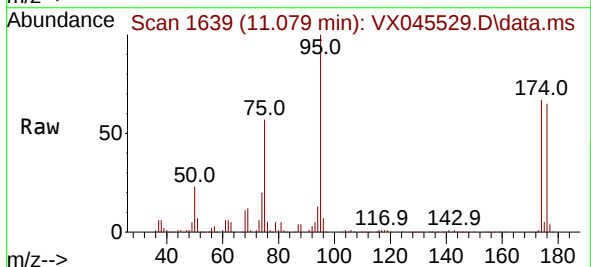
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

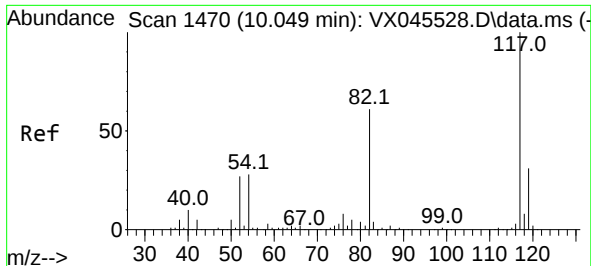
Tgt Ion:107 Resp: 115919
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 106.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 95 Resp: 146944
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.7 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: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

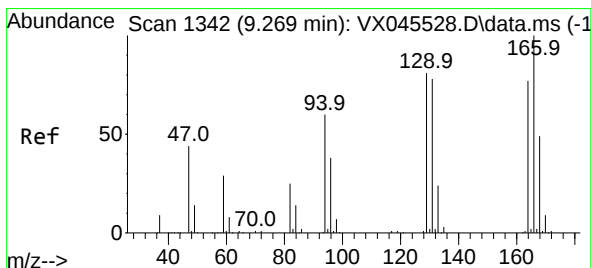
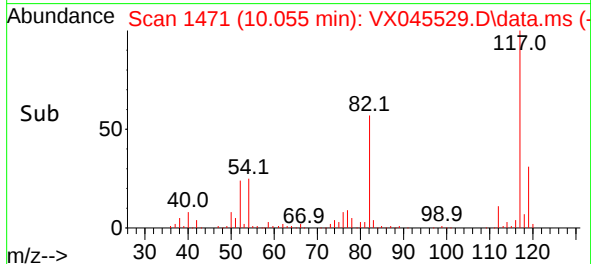
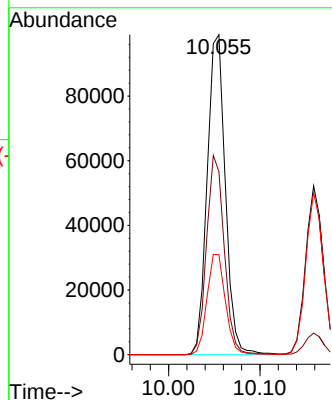
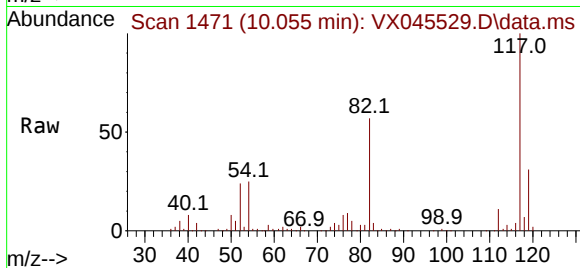
Tgt Ion:117 Resp: 136369

Ion Ratio Lower Upper

117 100

82 57.2 49.2 73.8

119 31.2 25.1 37.7



#64

Tetrachloroethene

Concen: 94.325 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Tgt Ion:164 Resp: 90817

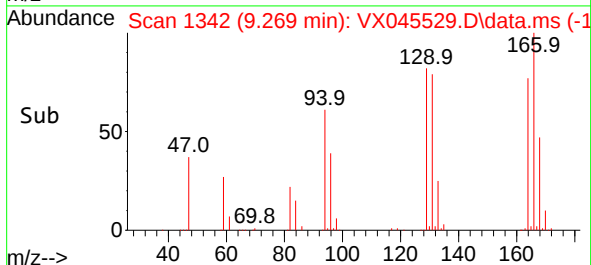
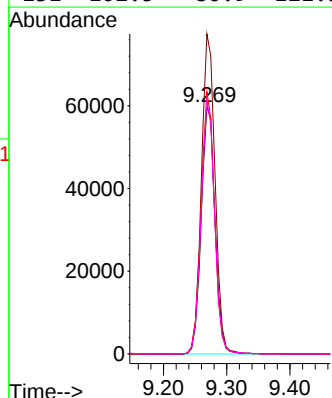
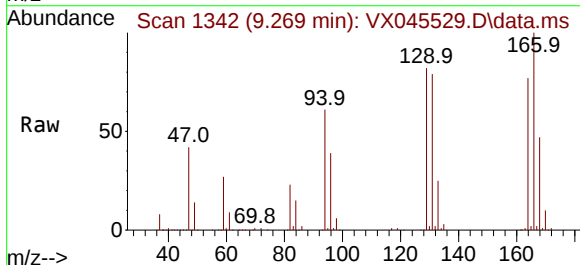
Ion Ratio Lower Upper

164 100

166 129.3 103.8 155.8

129 105.9 84.3 126.5

131 102.5 80.9 121.3

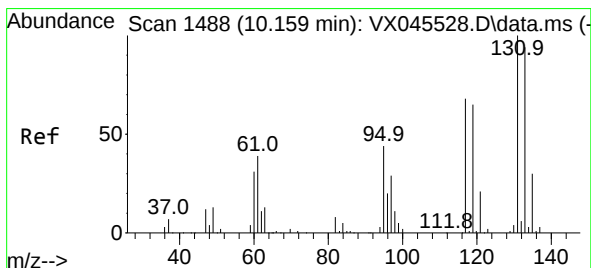
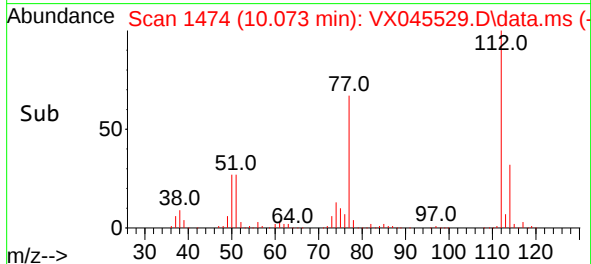
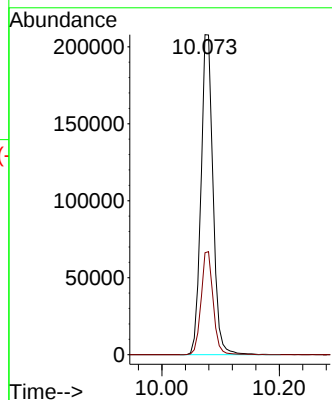
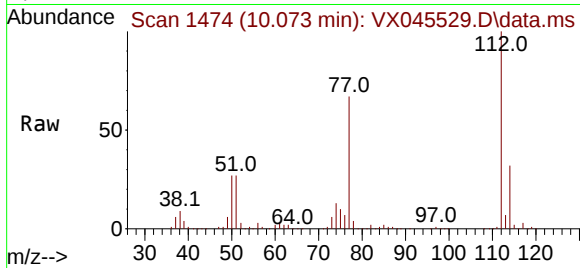




#65
Chlorobenzene
Concen: 101.682 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

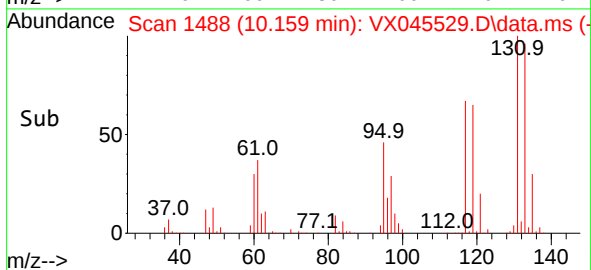
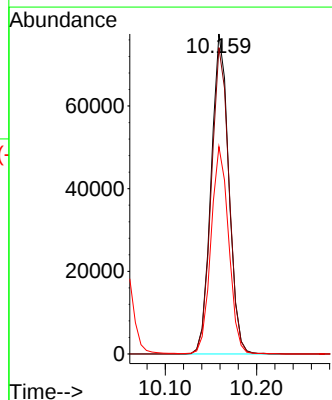
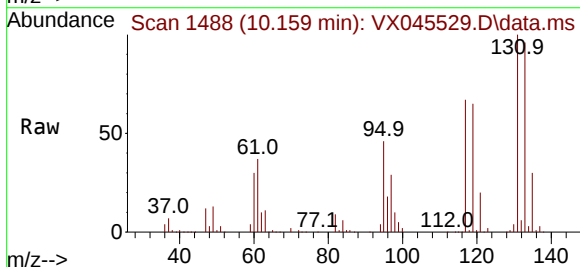
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

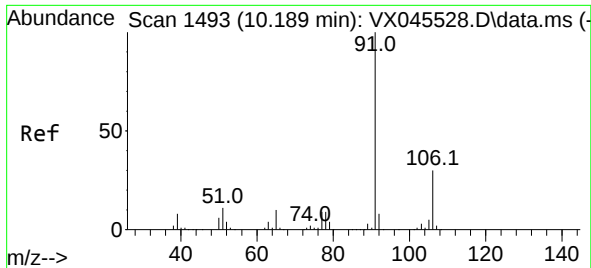
Tgt Ion:112 Resp: 296300
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 102.243 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:131 Resp: 103437
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 65.0 32.9 98.6





#67

Ethyl Benzene

Concen: 104.152 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

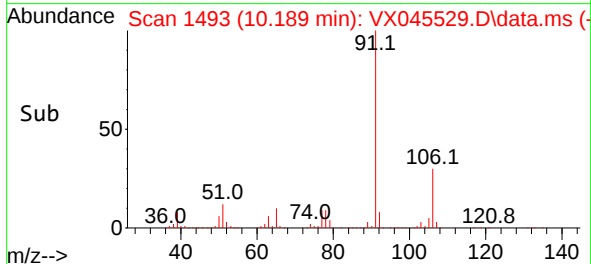
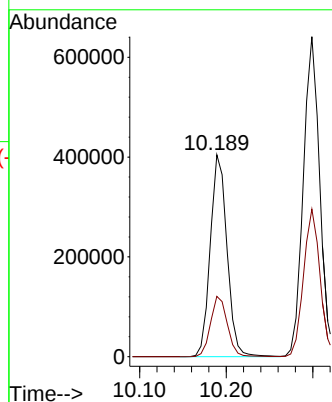
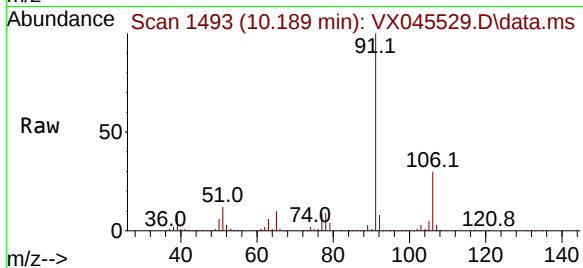
VSTDICC100

Tgt Ion: 91 Resp: 543568

Ion Ratio Lower Upper

91 100

106 29.9 23.7 35.5



#68

m/p-Xylenes

Concen: 207.694 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045529.D

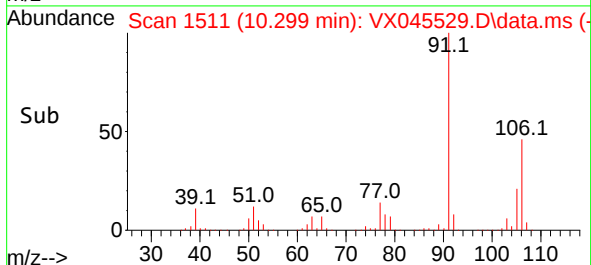
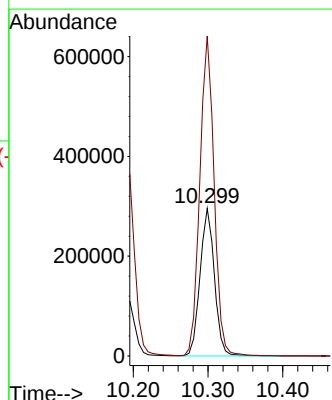
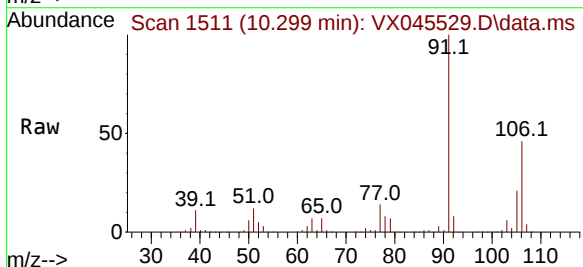
Acq: 01 Apr 2025 18:38

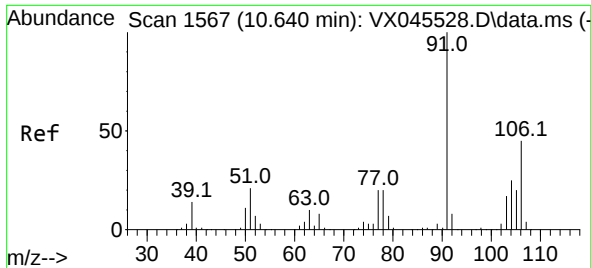
Tgt Ion:106 Resp: 394241

Ion Ratio Lower Upper

106 100

91 216.1 172.6 258.8

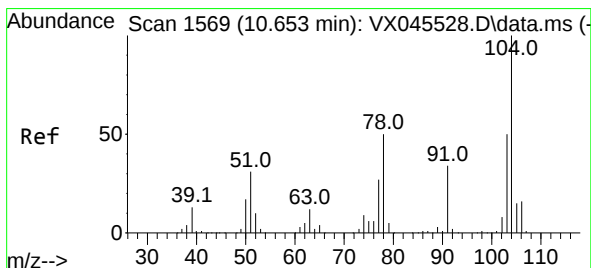
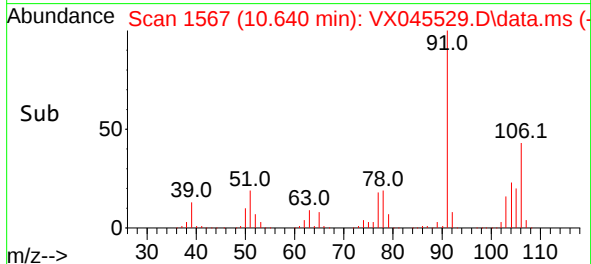
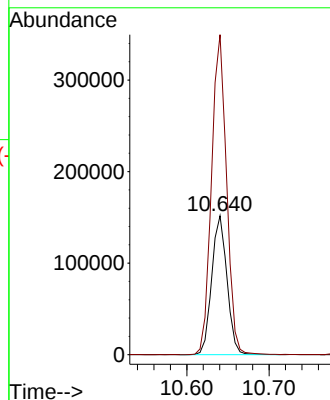
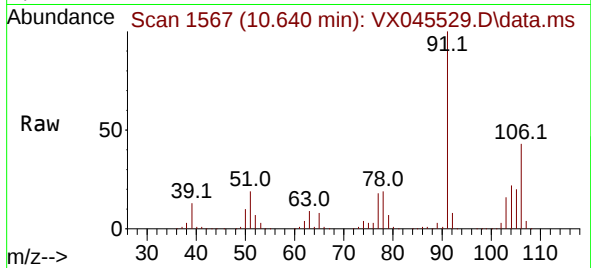




#69
o-Xylene
Concen: 104.487 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

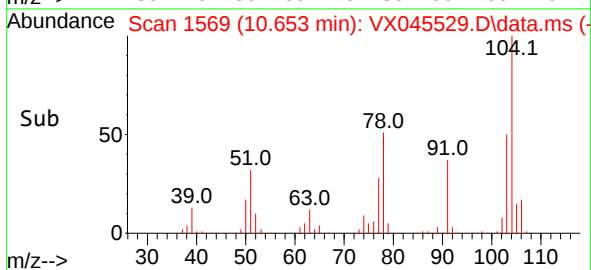
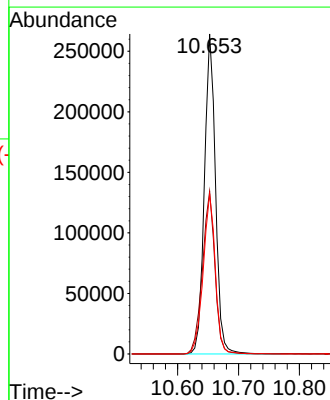
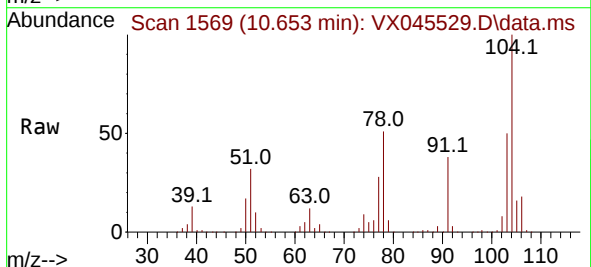
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

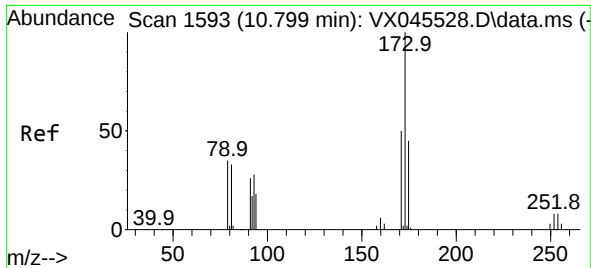
Tgt Ion:106 Resp: 195381
Ion Ratio Lower Upper
106 100
91 228.0 113.6 340.6



#70
Styrene
Concen: 108.654 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:104 Resp: 335333
Ion Ratio Lower Upper
104 100
78 57.0 45.4 68.2
103 54.7 43.8 65.8

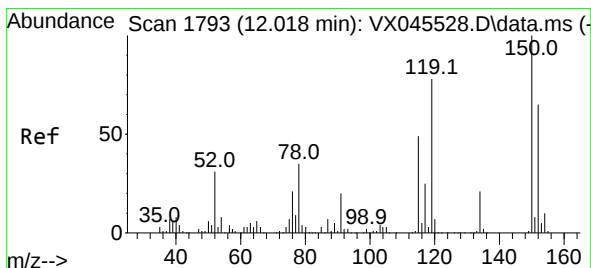
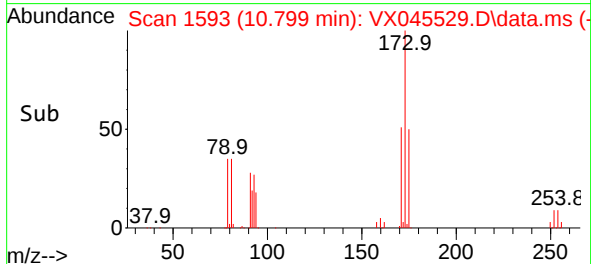
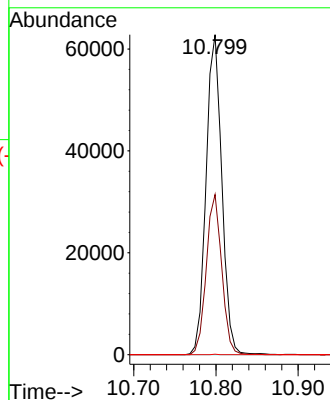
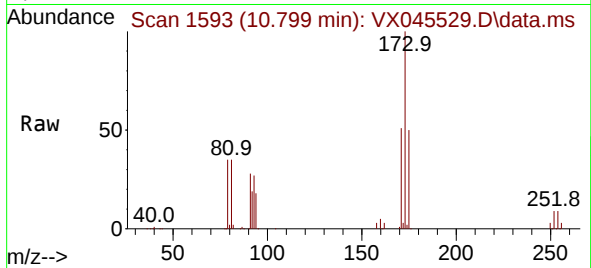




#71
Bromoform
Concen: 110.714 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

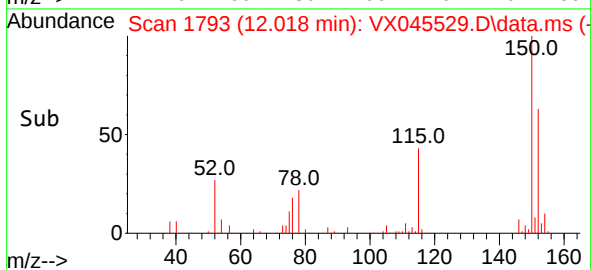
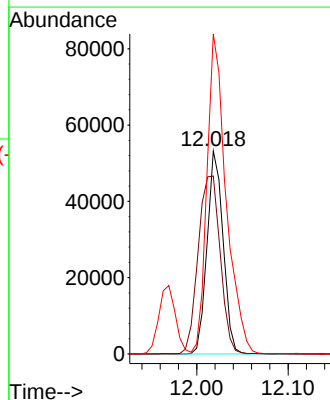
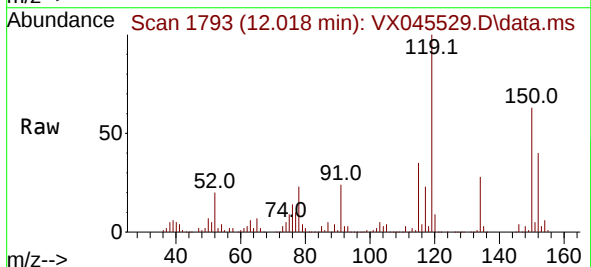
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

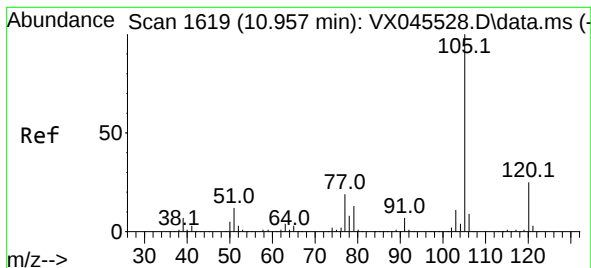
Tgt Ion:173 Resp: 83632
Ion Ratio Lower Upper
173 100
175 49.0 23.4 70.2
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:152 Resp: 64612
Ion Ratio Lower Upper
152 100
115 121.0 46.9 140.7
150 188.4 0.0 349.4





#73

Isopropylbenzene

Concen: 100.944 ug/l

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

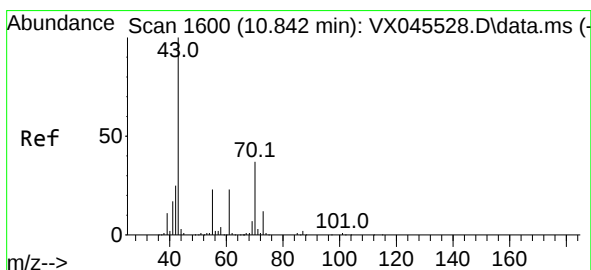
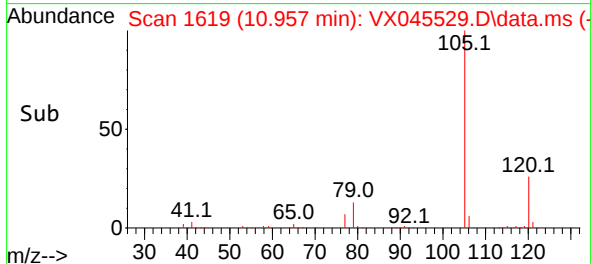
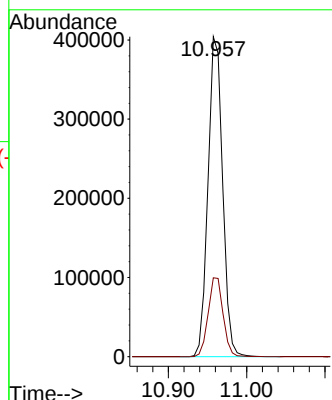
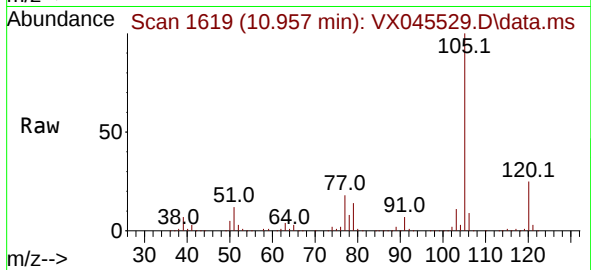
VSTDIC100

Tgt Ion:105 Resp: 522436

Ion Ratio Lower Upper

105 100

120 25.2 12.7 38.0



#74

N-ethyl acetate

Concen: 111.267 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 275462

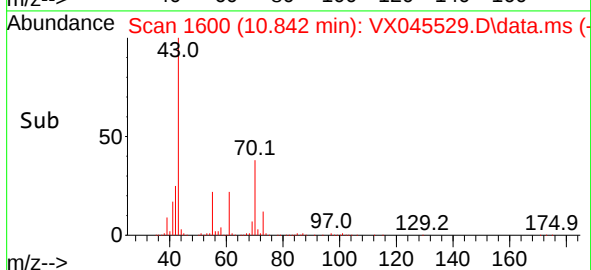
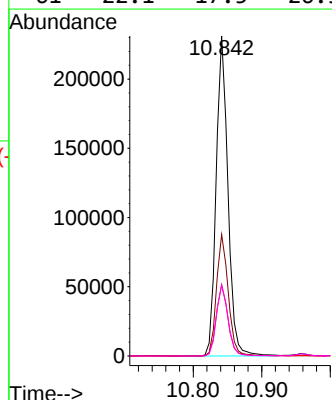
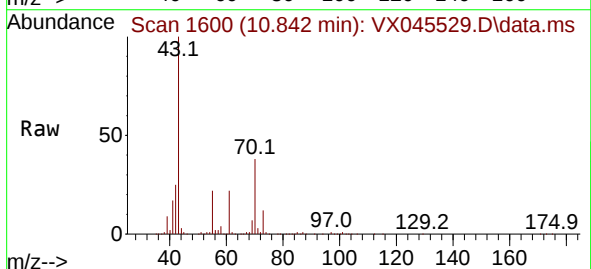
Ion Ratio Lower Upper

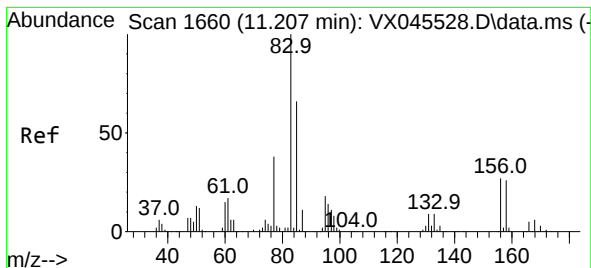
43 100

70 38.1 30.1 45.1

55 22.4 18.3 27.5

61 22.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 96.243 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

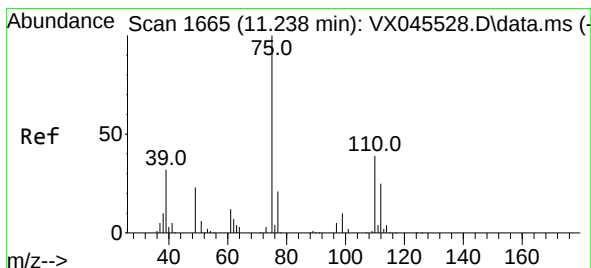
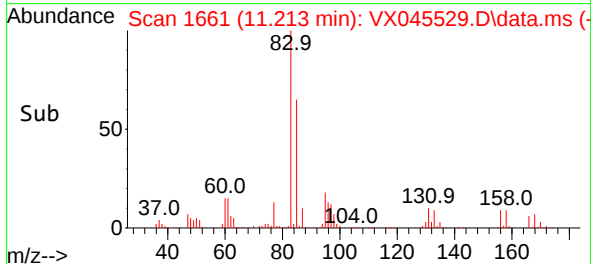
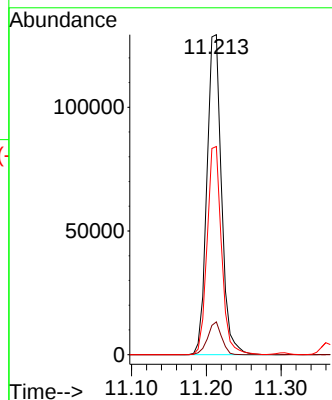
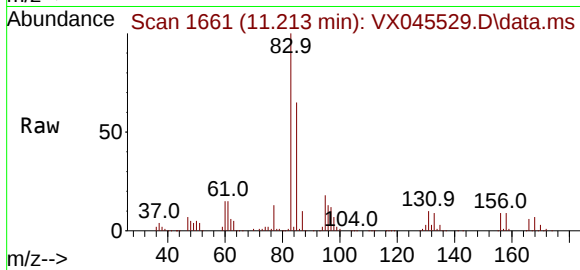
Tgt Ion: 83 Resp: 174977

Ion Ratio Lower Upper

83 100

131 9.8 4.7 14.1

85 64.3 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 125.410 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045529.D

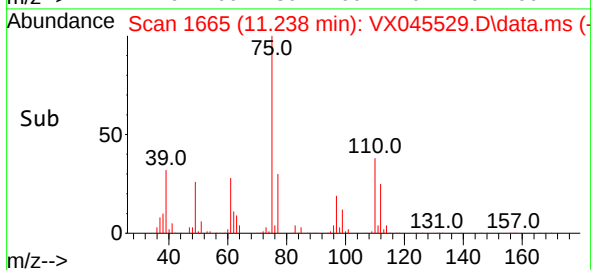
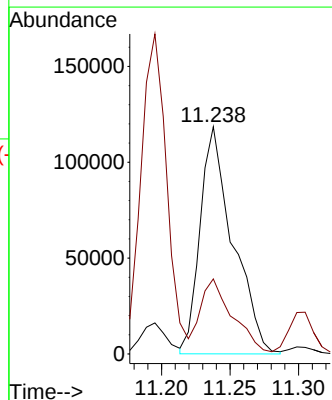
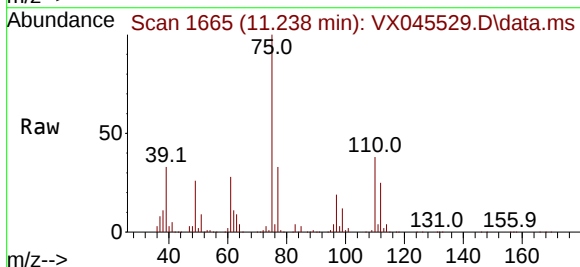
Acq: 01 Apr 2025 18:38

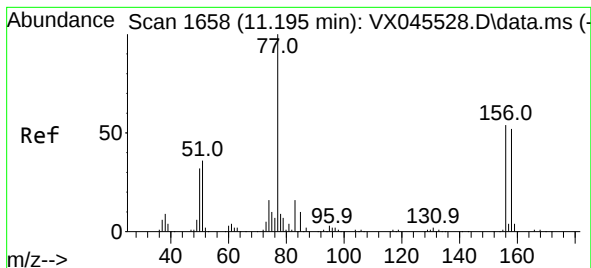
Tgt Ion: 75 Resp: 197652

Ion Ratio Lower Upper

75 100

77 32.6 20.0 59.9





#77

Bromobenzene

Concen: 99.983 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

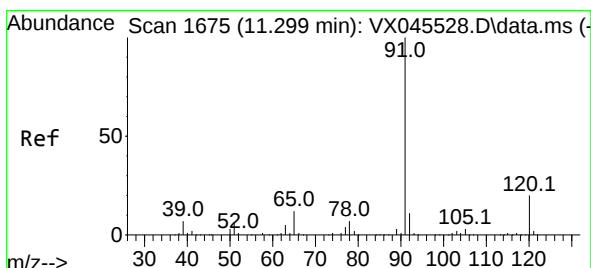
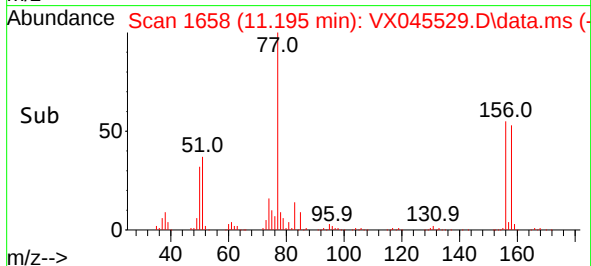
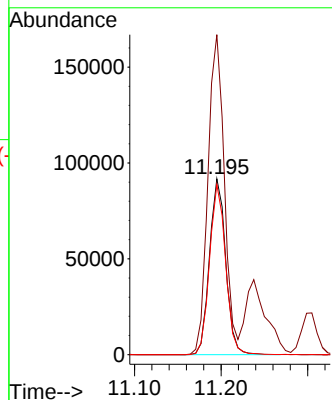
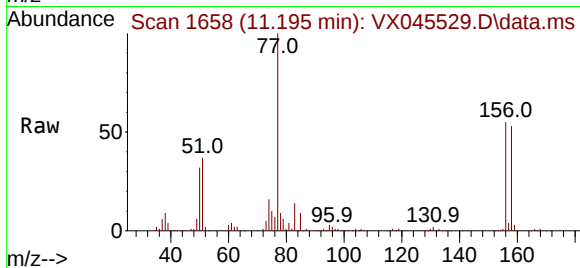
Tgt Ion:156 Resp: 119561

Ion Ratio Lower Upper

156 100

77 183.4 92.6 277.8

158 95.9 48.1 144.4



#78

n-propylbenzene

Concen: 104.454 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045529.D

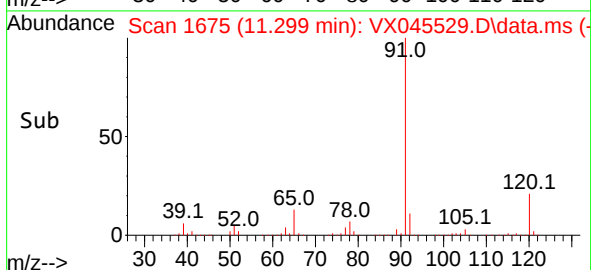
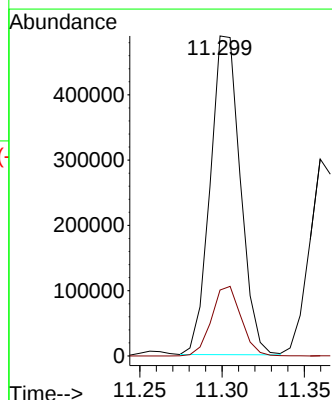
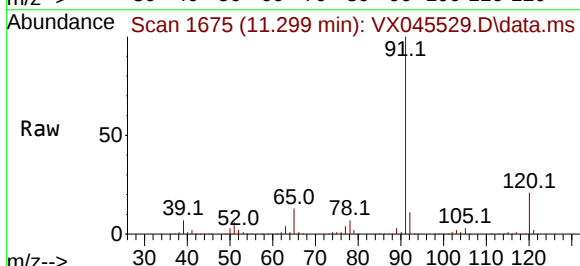
Acq: 01 Apr 2025 18:38

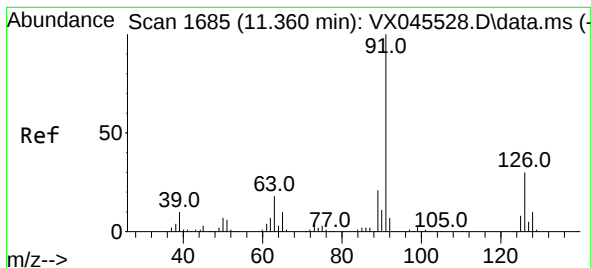
Tgt Ion: 91 Resp: 622679

Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 98.840 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

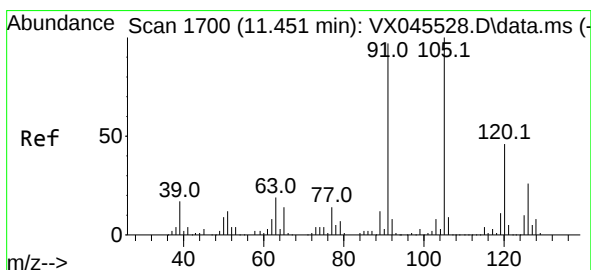
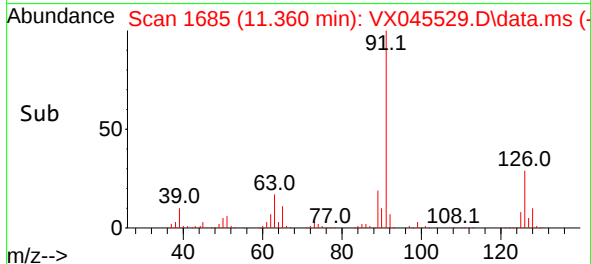
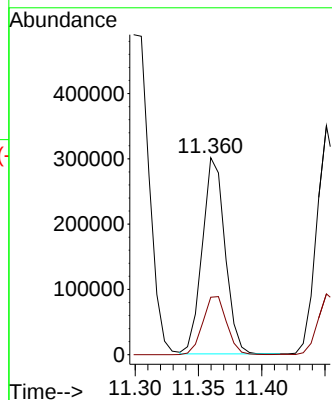
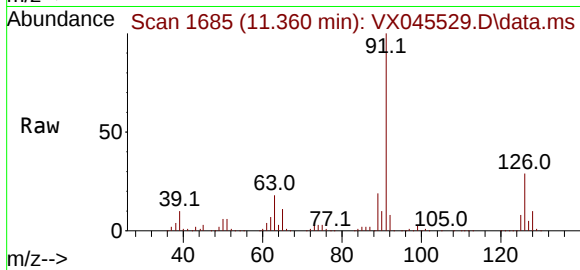
VSTDIC100

Tgt Ion: 91 Resp: 376682

Ion Ratio Lower Upper

91 100

126 31.2 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 101.675 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045529.D

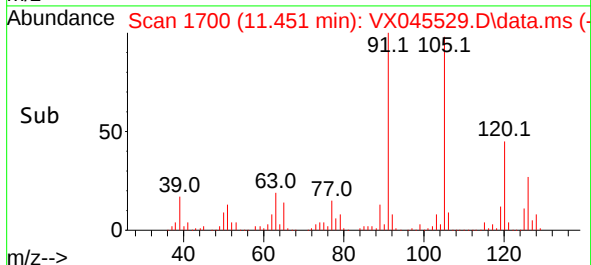
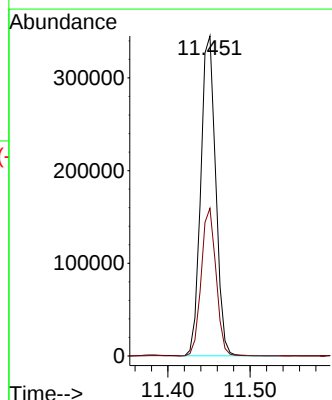
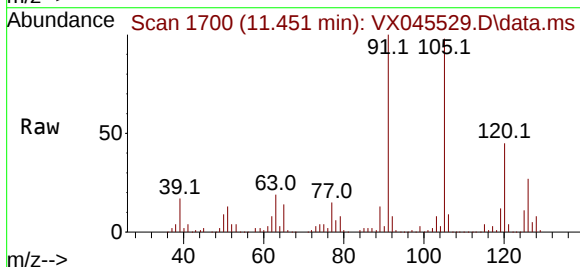
Acq: 01 Apr 2025 18:38

Tgt Ion:105 Resp: 435137

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0

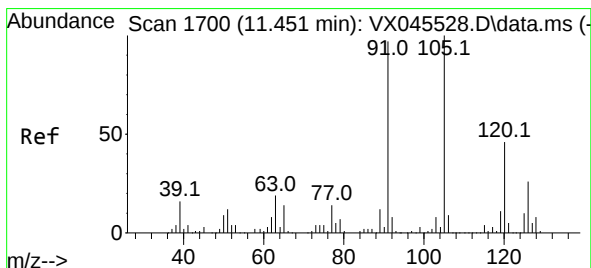
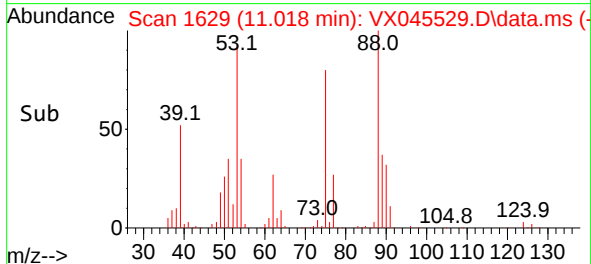
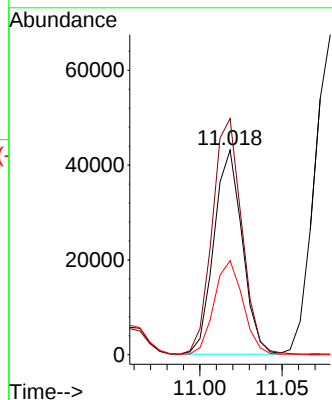
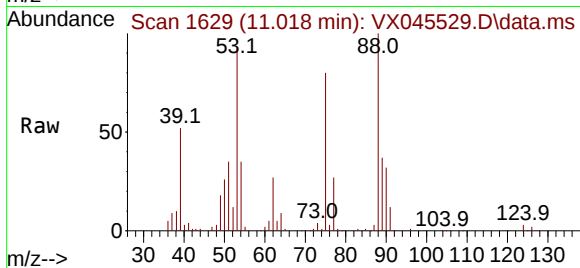




#81
trans-1,4-Dichloro-2-butene
Concen: 111.704 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

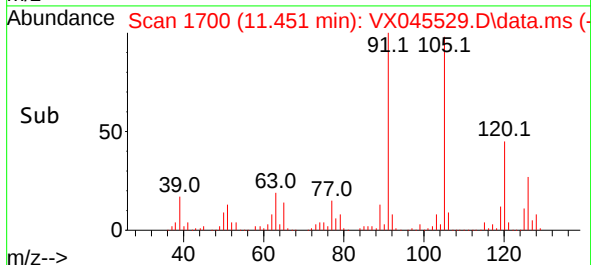
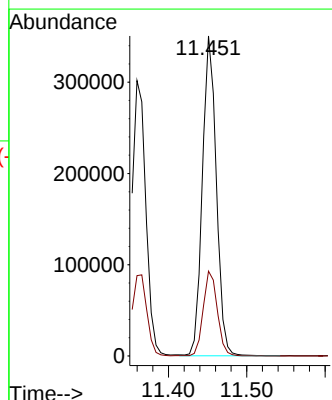
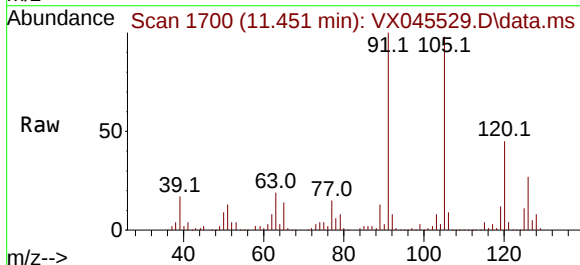
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

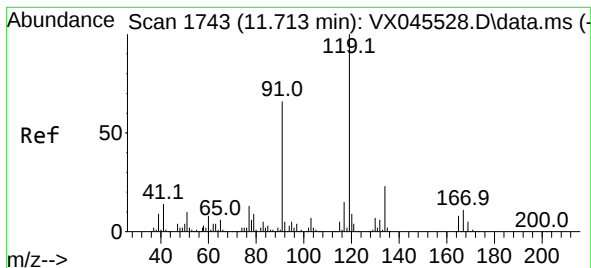
Tgt Ion: 75 Resp: 51873
Ion Ratio Lower Upper
75 100
53 119.5 101.8 152.6
89 46.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 101.877 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 91 Resp: 432884
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83

tert-Butylbenzene

Concen: 103.292 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

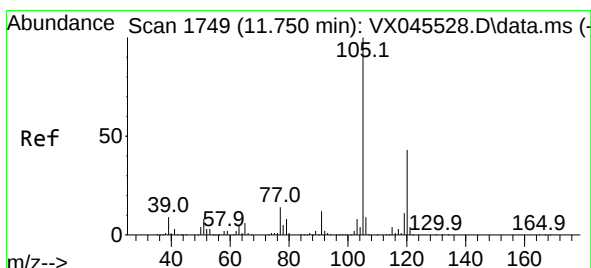
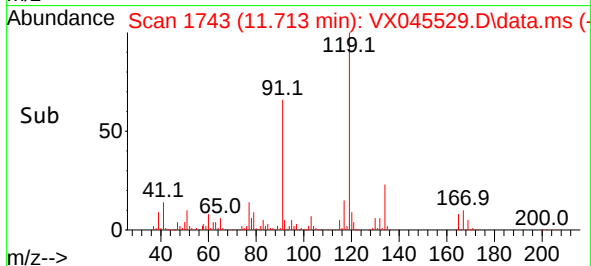
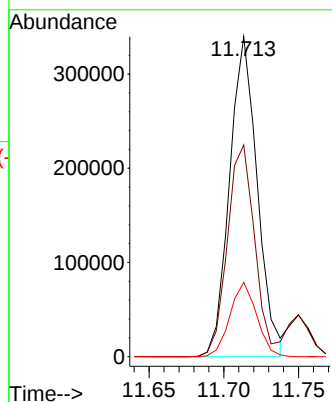
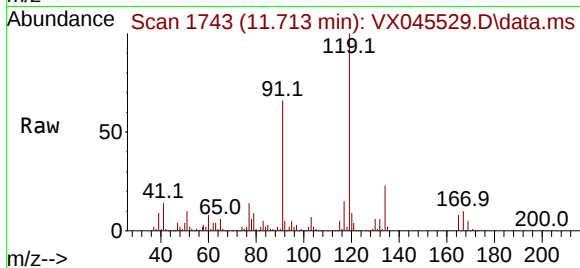
Tgt Ion:119 Resp: 437649

Ion Ratio Lower Upper

119 100

91 65.8 32.4 97.2

134 22.4 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 103.414 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045529.D

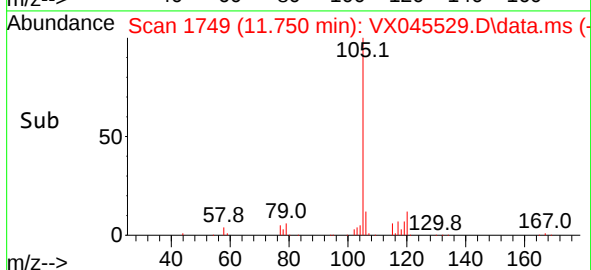
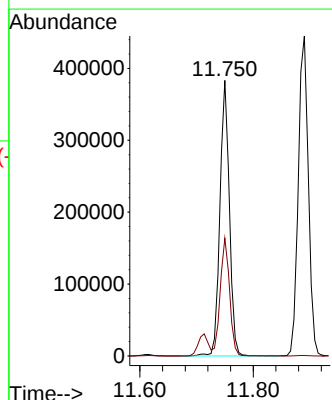
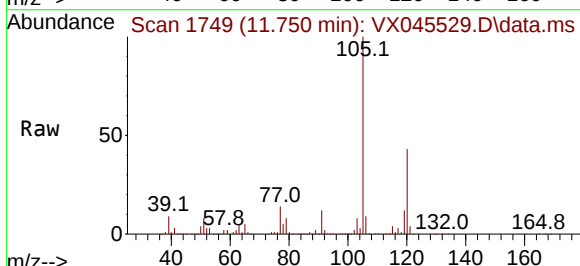
Acq: 01 Apr 2025 18:38

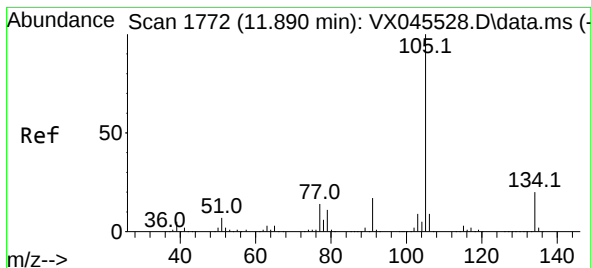
Tgt Ion:105 Resp: 444211

Ion Ratio Lower Upper

105 100

120 42.4 21.4 64.3





#85

sec-Butylbenzene

Concen: 105.082 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

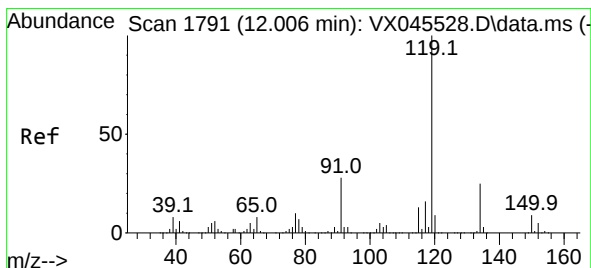
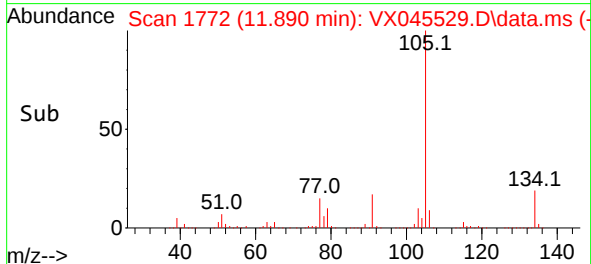
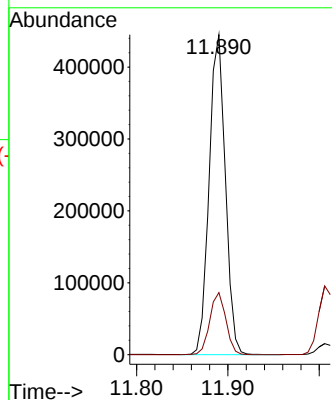
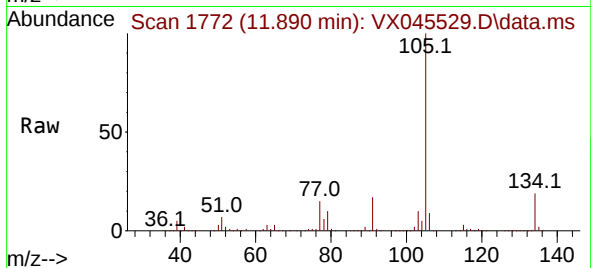
VSTDIC100

Tgt Ion:105 Resp: 546857

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6



#86

p-Isopropyltoluene

Concen: 105.609 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

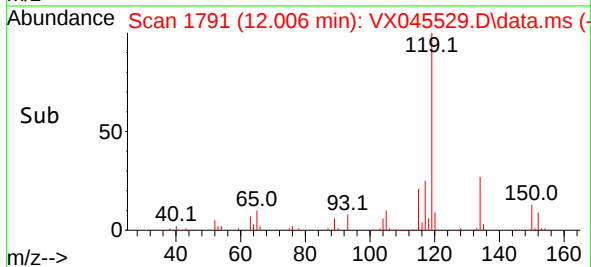
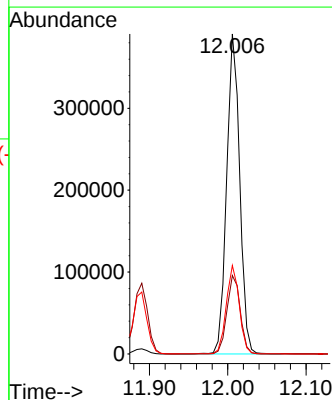
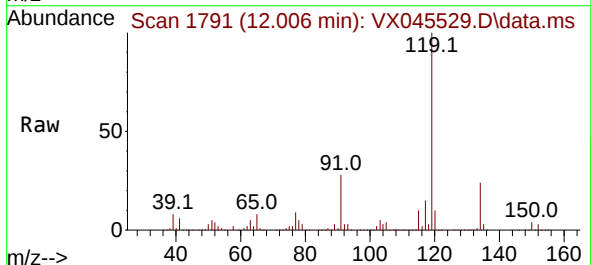
Tgt Ion:119 Resp: 453109

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 27.4 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 101.749 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

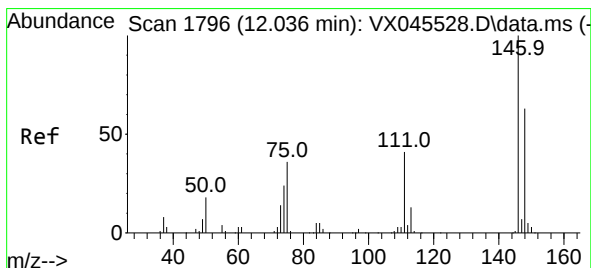
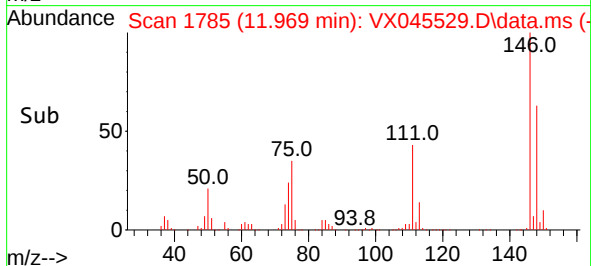
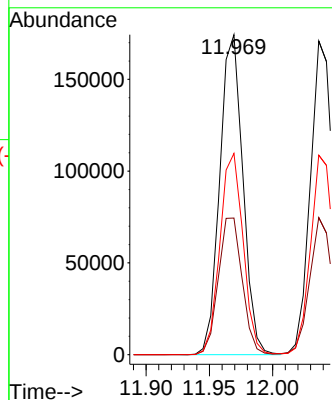
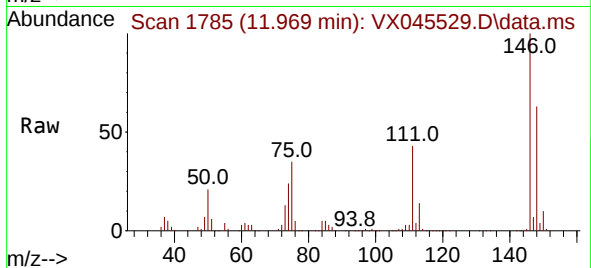
Tgt Ion:146 Resp: 221481

Ion Ratio Lower Upper

146 100

111 44.1 22.2 66.6

148 63.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 98.047 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

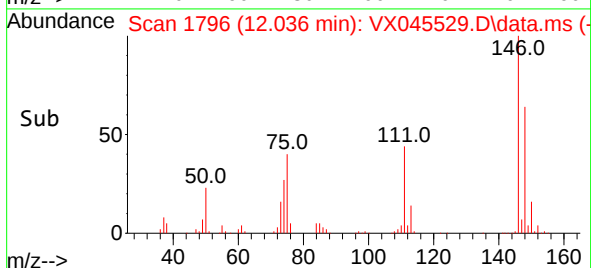
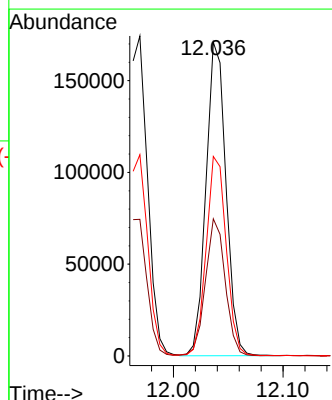
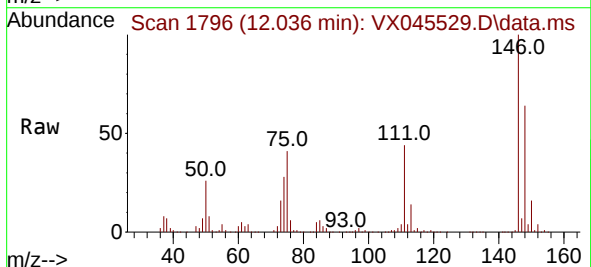
Tgt Ion:146 Resp: 216367

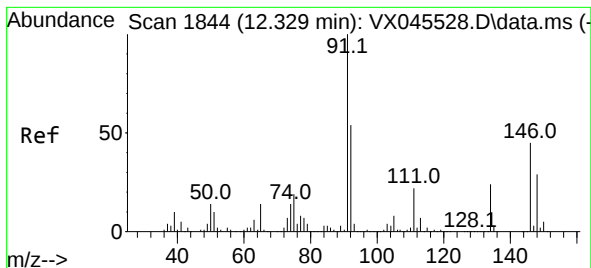
Ion Ratio Lower Upper

146 100

111 43.2 20.9 62.8

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 113.075 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

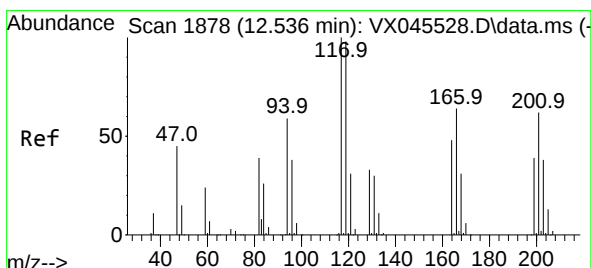
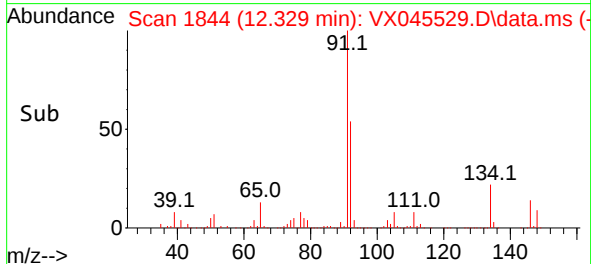
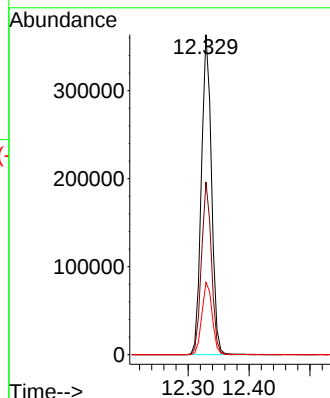
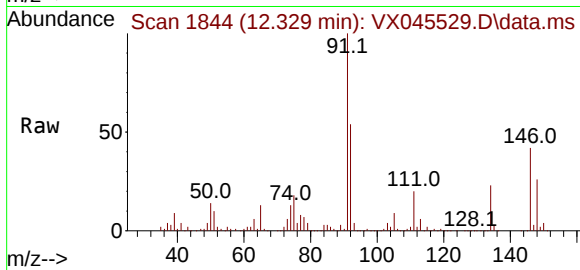
Tgt Ion: 91 Resp: 420694

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.6

134 23.1 11.9 35.7



#90

Hexachloroethane

Concen: 109.160 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045529.D

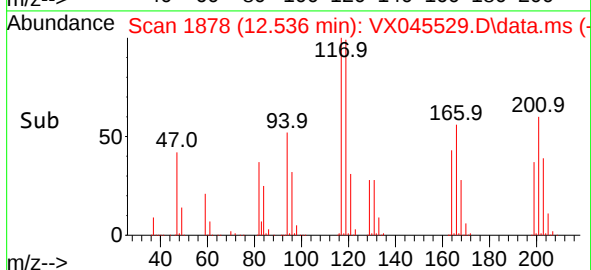
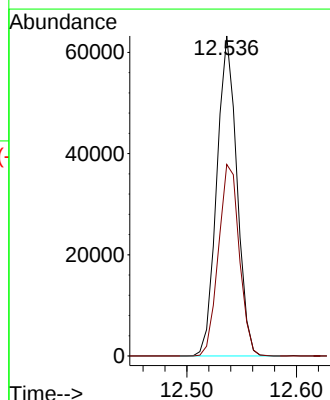
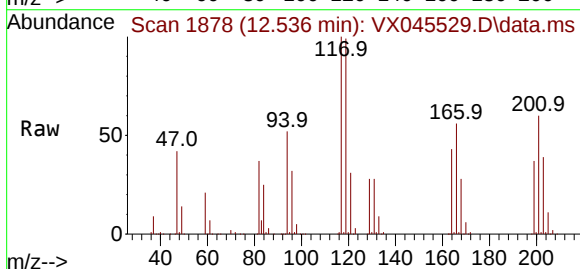
Acq: 01 Apr 2025 18:38

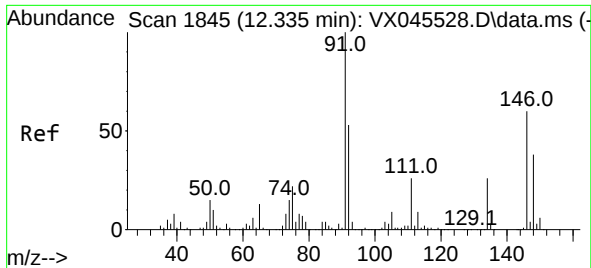
Tgt Ion: 117 Resp: 80489

Ion Ratio Lower Upper

117 100

201 62.1 31.2 93.6

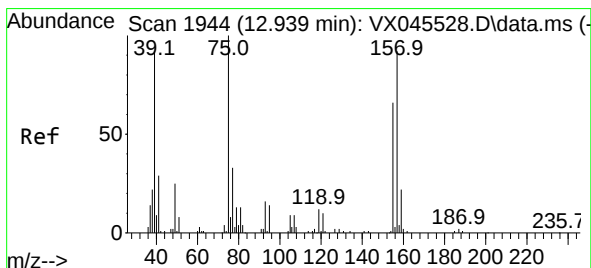
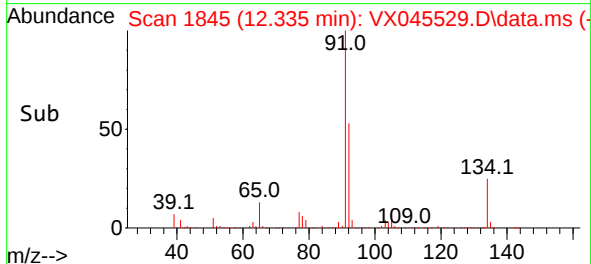
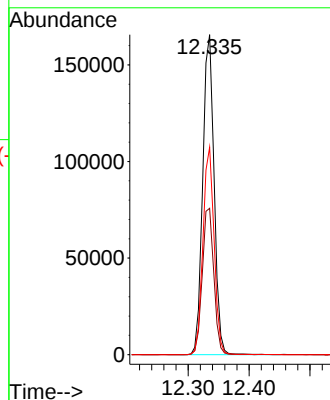
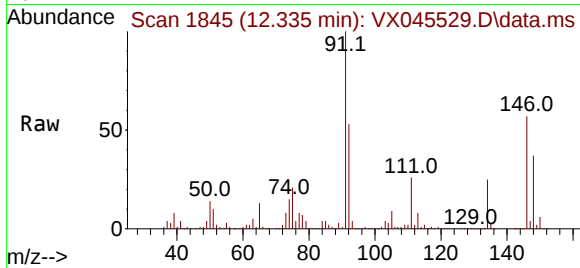




#91
 1,2-Dichlorobenzene
 Concen: 99.419 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

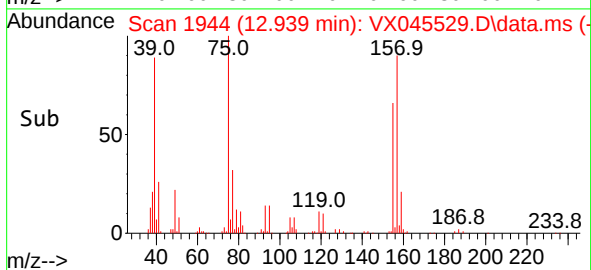
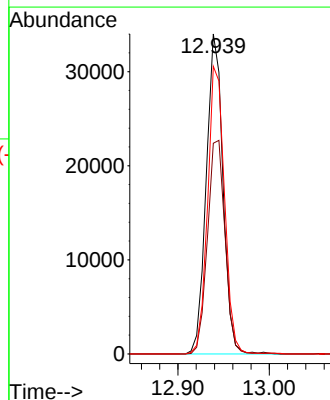
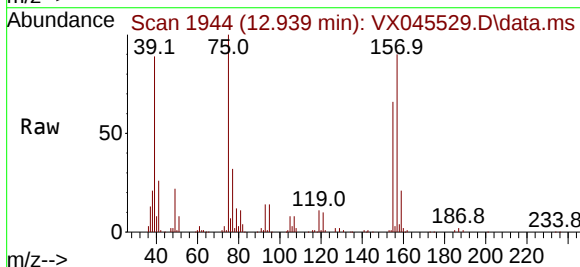
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

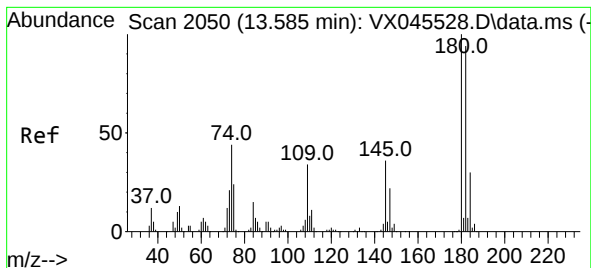
Tgt Ion:146 Resp: 215157
 Ion Ratio Lower Upper
 146 100
 111 46.6 22.9 68.8
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 113.214 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 43047
 Ion Ratio Lower Upper
 75 100
 155 70.2 34.9 104.7
 157 90.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 112.106 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

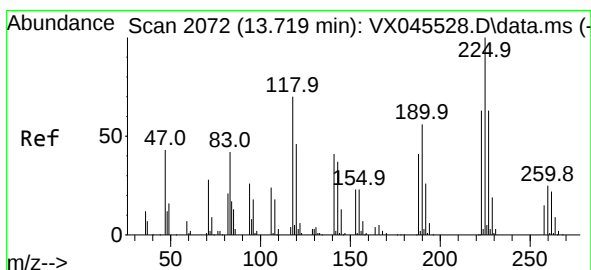
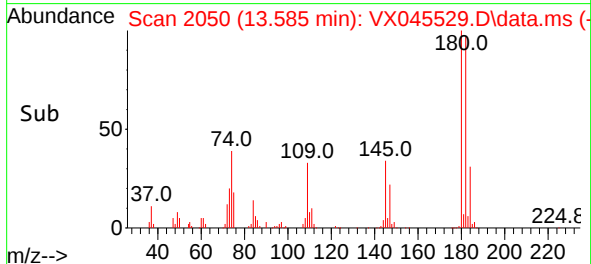
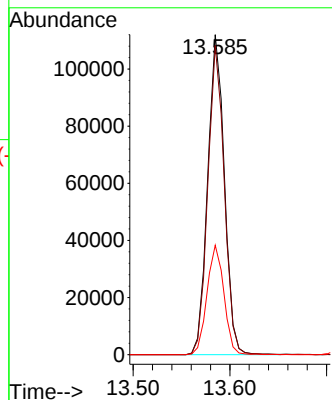
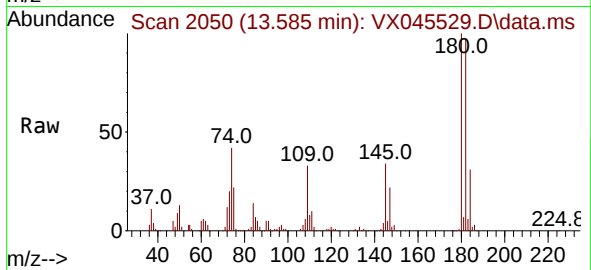
Tgt Ion:180 Resp: 135046

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 34.6 17.9 53.8



#94

Hexachlorobutadiene

Concen: 103.326 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

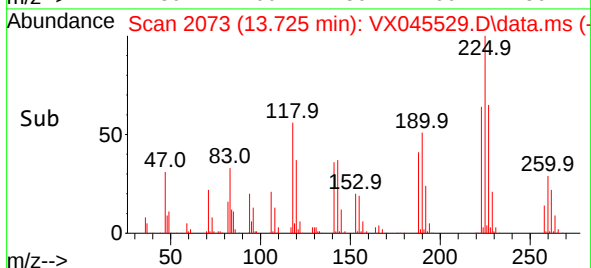
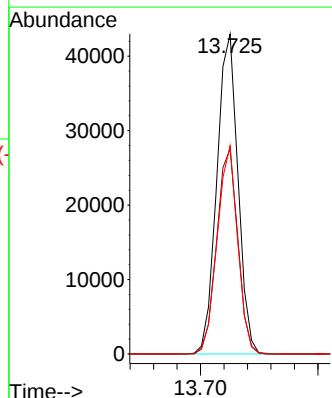
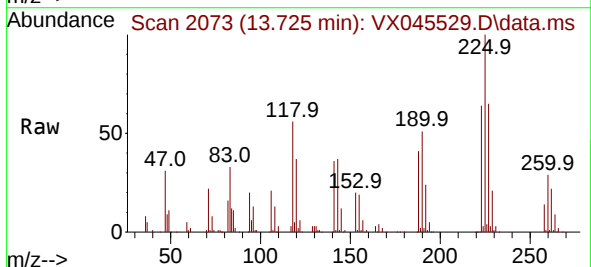
Tgt Ion:225 Resp: 53636

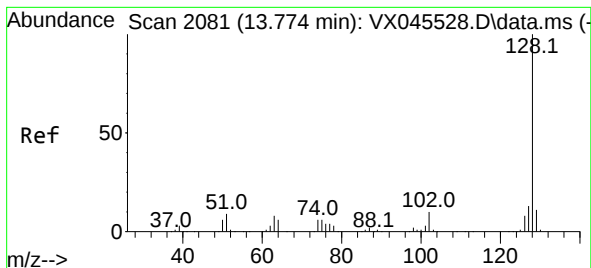
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.3

227 62.9 32.2 96.6





#95

Naphthalene

Concen: 111.473 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

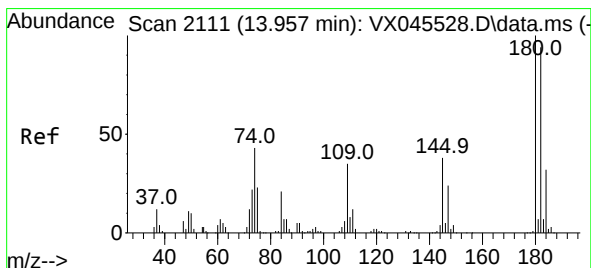
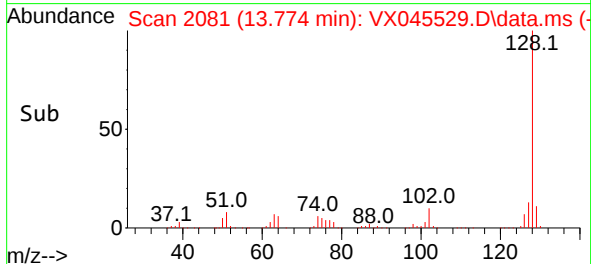
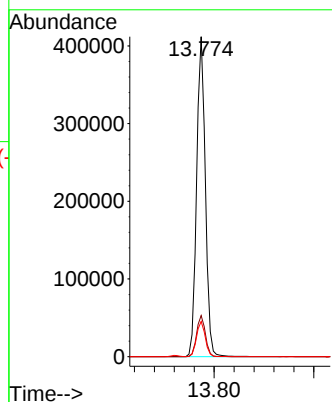
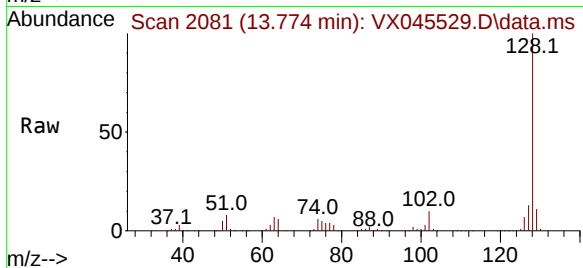
Tgt Ion:128 Resp: 499719

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 108.869 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Tgt Ion:180 Resp: 137328

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 36.0 18.2 54.6

