

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041534.D
 Acq On : 15 May 2024 12:43
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 16 04:58:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 04:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	29605	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	163925	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152990	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	67588	28.991	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.633%
60) 4-Bromofluorobenzene	11.079	95	73897	30.941	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.133%
63) Toluene-d8	8.647	98	195197	29.764	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	157203	101.521	ug/l	99
3) Chloromethane	1.295	50	168709	99.495	ug/l	100
4) Vinyl Chloride	1.374	62	175099	98.080	ug/l	98
5) Bromomethane	1.599	94	118566	104.418	ug/l	98
6) Chloroethane	1.666	64	85035	95.889	ug/l	94
7) Trichlorofluoromethane	1.868	101	257832	95.148	ug/l	97
8) Diethyl Ether	2.136	74	101450	100.252	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	148611	94.572	ug/l	98
10) 1,1-Dichloroethene	2.307	96	145581	96.114	ug/l	97
11) Methyl Iodide	2.447	142	209013	115.858	ug/l	99
12) Methyl Acetate	2.709	43	233509	102.403	ug/l	97
13) Acrolein	2.240	56	144744	521.202	ug/l	99
14) Acrylonitrile	3.069	53	506747	505.255	ug/l	99
15) Acetone	2.392	58	137427	511.406	ug/l	99
16) Carbon Disulfide	2.502	76	394792	115.441	ug/l	99
17) Allyl chloride	2.660	41	288236	107.232	ug/l	97
18) Methylene Chloride	2.788	84	184791	102.577	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	173336	99.798	ug/l	98
20) Diisopropyl ether	3.764	45	563052	99.697	ug/l	94
21) 1,1-Dichloroethane	3.605	63	319856	100.912	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	211693	100.302	ug/l	98
23) tert-Butyl Alcohol	3.014	59	221952	513.921	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	573371	101.394	ug/l	100
25) Chloroform	5.093	83	336887	99.769	ug/l	99
26) Cyclohexane	5.465	56	261262	98.844	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	224117	103.355	ug/l	99
30) 2-Butanone	4.568	43	732274	508.771	ug/l	100
31) 2,2-Dichloropropane	4.471	77	267917	105.275	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	303625	104.354	ug/l	99
33) Carbon Tetrachloride	5.672	117	267519	107.458	ug/l	97
34) Benzene	6.038	78	705399	103.004	ug/l	98
35) Methacrylonitrile	4.928	41	153412	105.663	ug/l	99
36) 1,2-Dichloroethane	6.086	62	262238	102.615	ug/l	99
37) Trichloroethene	7.123	130	196142	102.796	ug/l	99
38) Methylcyclohexane	7.379	83	283360	102.916	ug/l	99
39) 1,2-Dichloropropane	7.428	63	169131	104.477	ug/l	99
40) Dibromomethane	7.580	93	132193	103.757	ug/l	99
41) Bromodichloromethane	7.824	83	259410	108.452	ug/l	99
42) Vinyl Acetate	3.721	43	2649872	530.641	ug/l	99

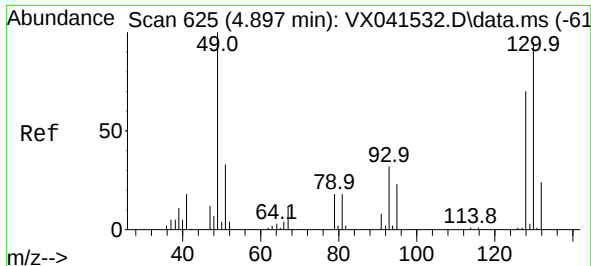
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	282798	101.831	ug/l	99
44) Isopropyl Acetate	6.342	43	448479	106.832	ug/l	99
45) 1,4-Dioxane	7.665	88	97103	2156.854	ug/l	93
46) Methyl methacrylate	7.696	41	225867	108.138	ug/l	98
47) n-amyl Acetate	10.842	43	419929	110.308	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	270263	112.512	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	286198	110.000	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	183789	103.696	ug/l	97
51) Ethyl methacrylate	9.116	69	310566	108.863	ug/l	97
52) 1,3-Dichloropropane	9.311	76	303359	103.579	ug/l	99
53) Dibromochloromethane	9.525	129	226212	112.173	ug/l	99
54) 1,2-Dibromoethane	9.610	107	197776	105.229	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	723638	519.674	ug/l	99
56) Bromoform	10.799	173	188296	116.505	ug/l	100
58) 4-Methyl-2-Pentanone	8.580	43	1447166	517.704	ug/l	98
59) 2-Hexanone	9.433	43	1142649	513.110	ug/l	98
61) Tetrachloroethene	9.269	164	184636	98.641	ug/l	96
62) Toluene	8.720	91	770638	101.232	ug/l	99
64) Chlorobenzene	10.080	112	531186	102.728	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	194703	106.385	ug/l	99
66) Ethyl Benzene	10.195	91	870750	103.008	ug/l	99
67) m/p-Xylenes	10.299	106	697312	210.954	ug/l	100
68) o-Xylene	10.640	106	346291	104.074	ug/l	98
69) Styrene	10.653	104	595088	106.667	ug/l	99
70) Isopropylbenzene	10.964	105	881501	104.843	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.214	83	301710	104.459	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	341097	133.861	ug/l	88
73) Bromobenzene	11.195	156	257228	104.121	ug/l	100
74) n-propylbenzene	11.305	91	999556	105.431	ug/l	99
75) 2-Chlorotoluene	11.366	91	608411	102.194	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	750725	104.609	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	101224	123.638	ug/l	83
78) 4-Chlorotoluene	11.451	91	708044	104.418	ug/l	98
79) tert-butylbenzene	11.713	119	807113	105.670	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	754320	104.867	ug/l	98
81) sec-Butylbenzene	11.890	105	937273	105.014	ug/l	99
82) p-Isopropyltoluene	12.006	119	836333	107.045	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	471461	106.409	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	475838	106.287	ug/l	99
85) n-Butylbenzene	12.329	91	695497	110.625	ug/l	99
86) Hexachloroethane	12.536	117	145788	110.814	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	476849	105.444	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	70672	111.415	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	343296	112.979	ug/l	99
90) Hexachlorobutadiene	13.725	225	160409	108.207	ug/l	98
91) Naphthalene	13.774	128	1025355	112.902	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	348061	112.115	ug/l	99

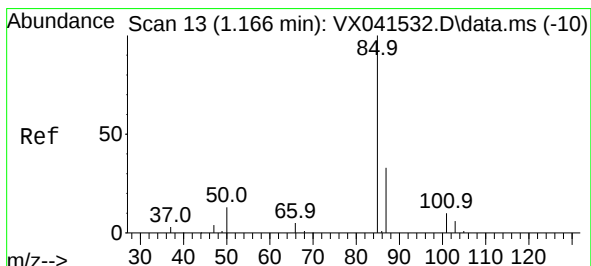
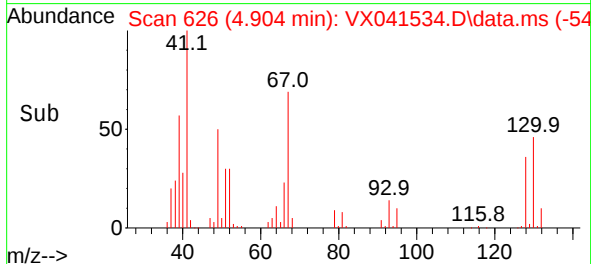
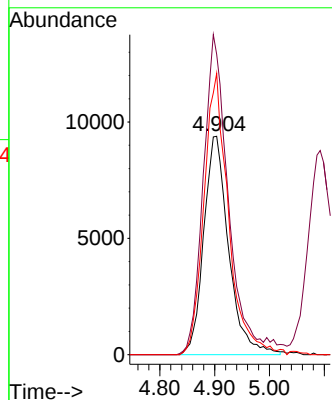
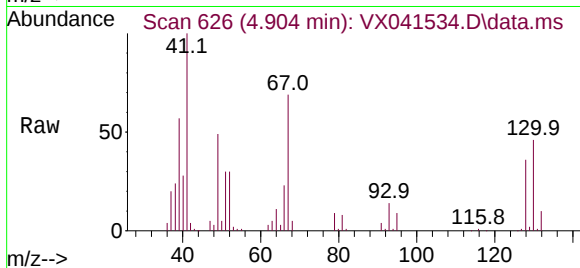
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

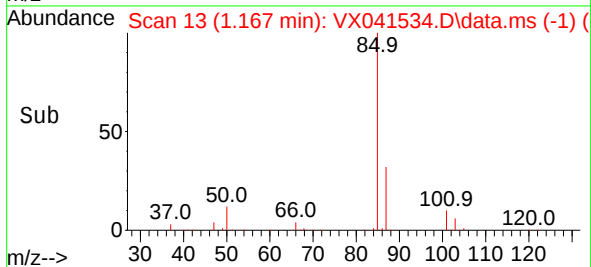
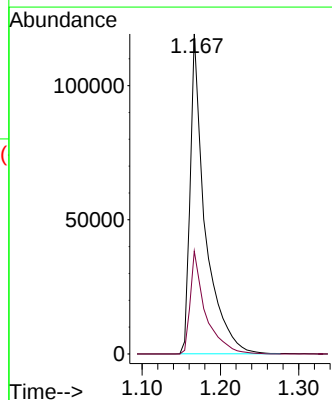
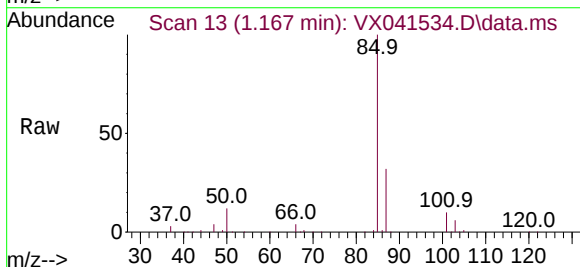
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

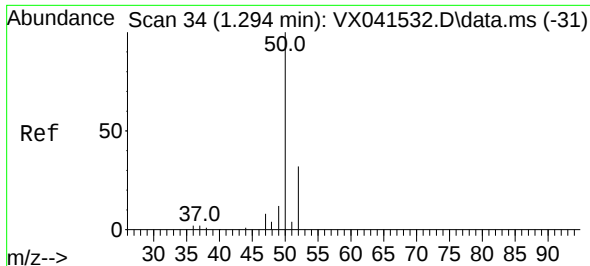
Tgt Ion:128 Resp: 29605
Ion Ratio Lower Upper
128 100
49 145.7 0.0 361.5
130 126.8 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 101.521 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 85 Resp: 157203
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.1

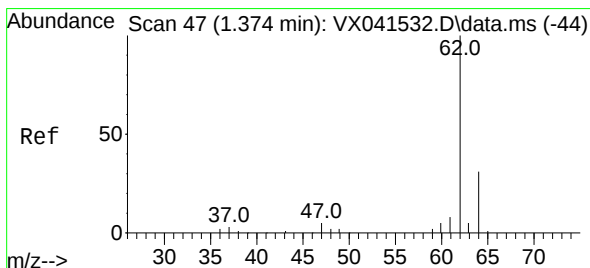
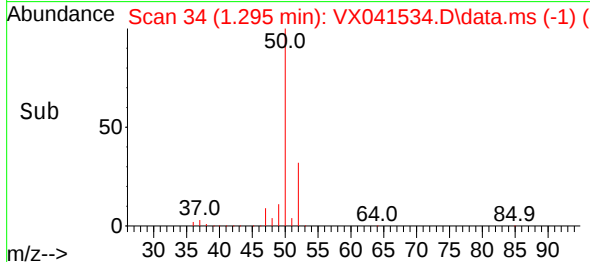
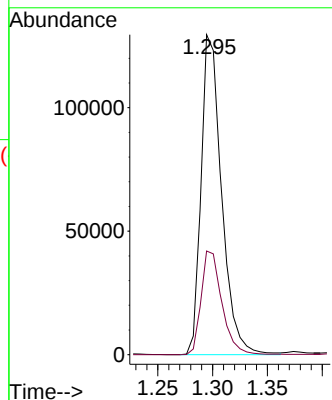
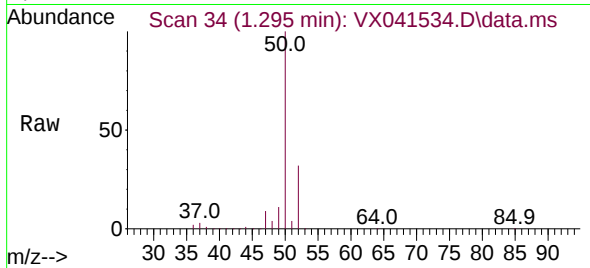




#3
Chloromethane
Concen: 99.495 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

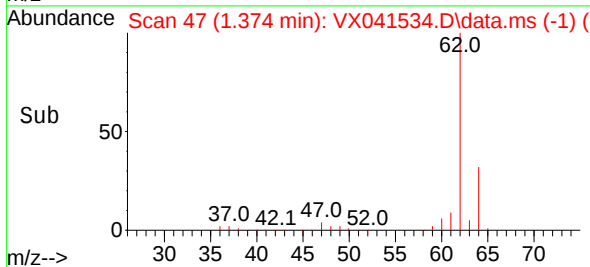
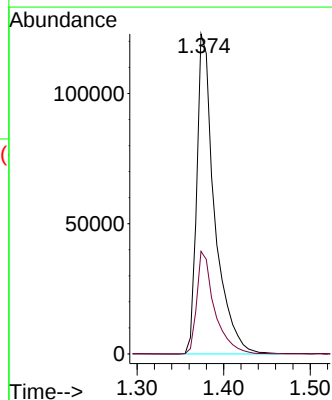
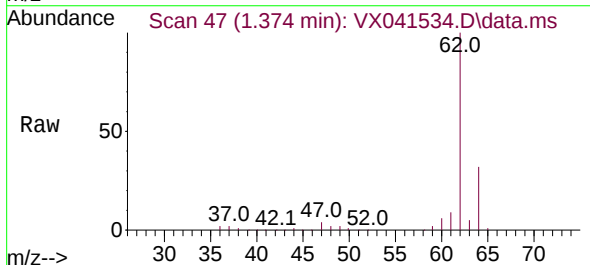
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

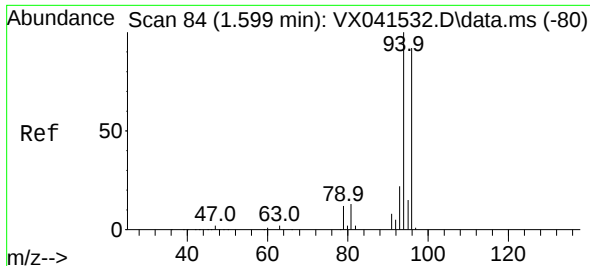
Tgt Ion: 50 Resp: 168709
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.8



#4
Vinyl Chloride
Concen: 98.080 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 62 Resp: 175099
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0





#5

Bromomethane

Concen: 104.418 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

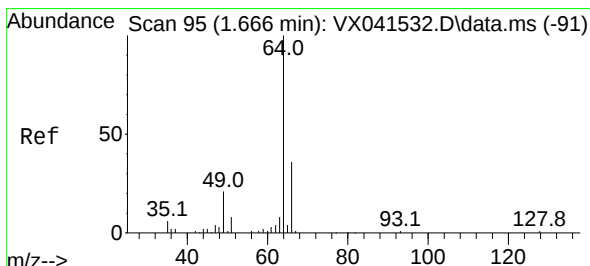
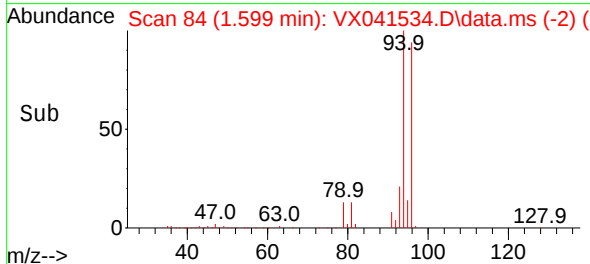
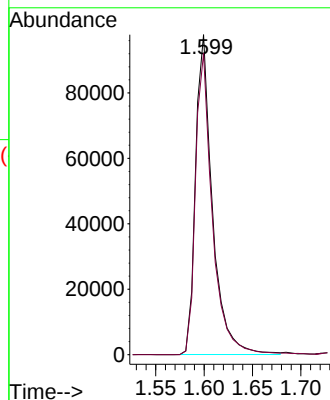
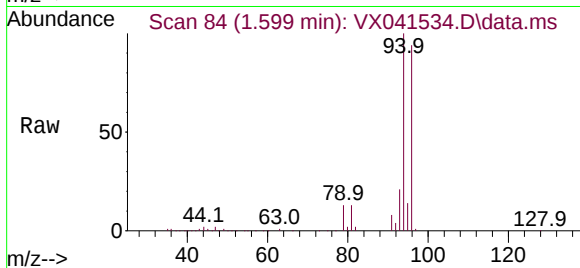
VSTDICC100

Tgt Ion: 94 Resp: 118566

Ion Ratio Lower Upper

94 100

96 94.3 73.9 110.9



#6

Chloroethane

Concen: 95.889 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041534.D

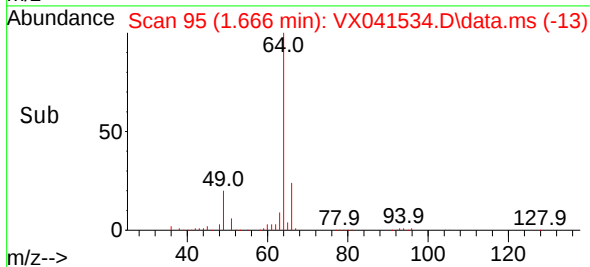
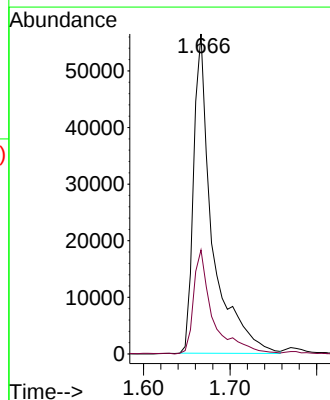
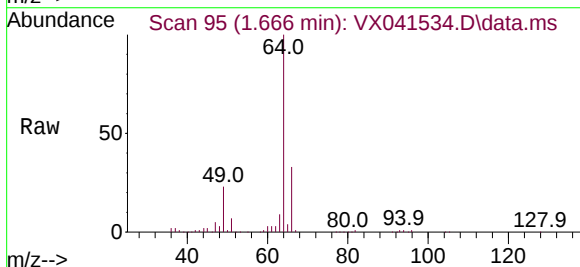
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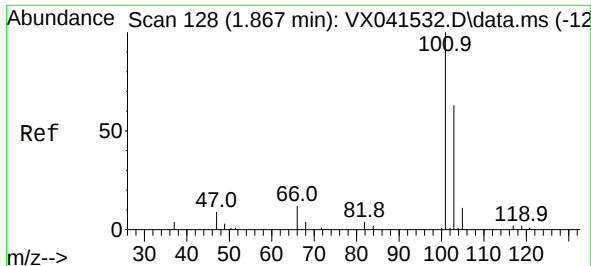
Tgt Ion: 64 Resp: 85035

Ion Ratio Lower Upper

64 100

66 32.4 28.6 42.8

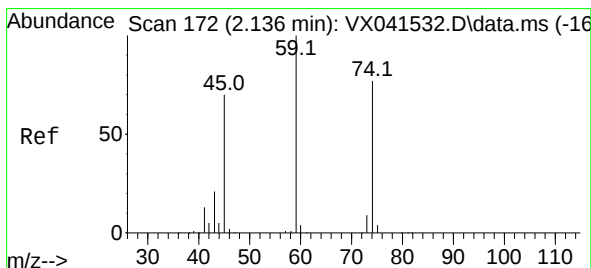
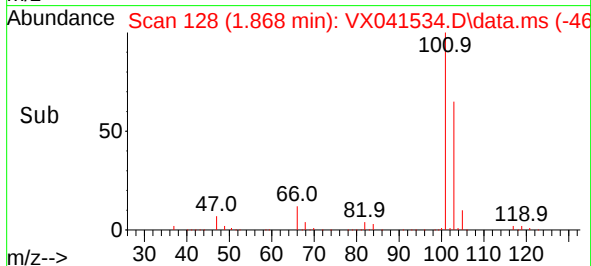
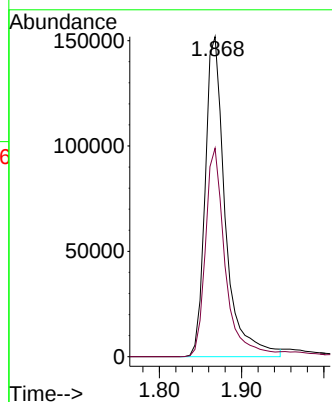
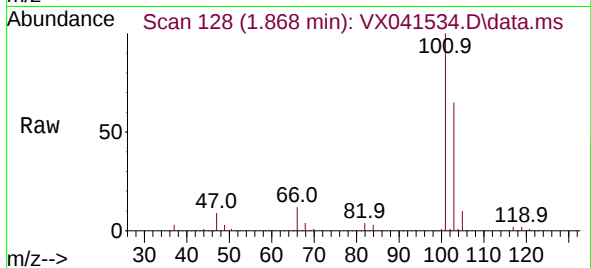




#7
 Trichlorofluoromethane
 Concen: 95.148 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041534.D
 Acq: 15 May 2024 12:43

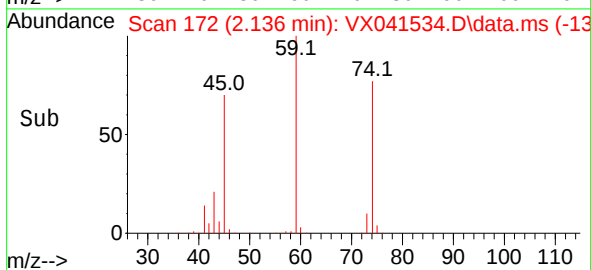
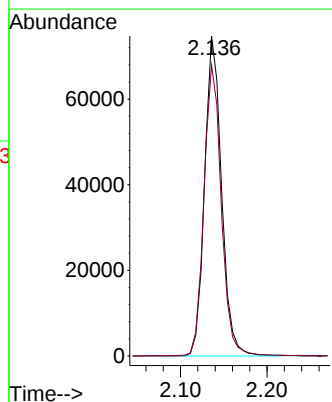
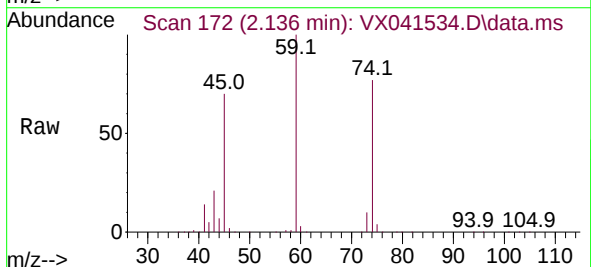
Instrument :
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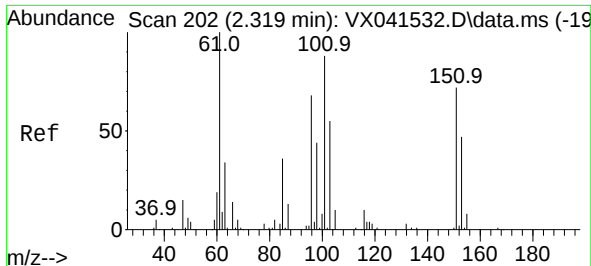
Tgt Ion:101 Resp: 257832
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 100.252 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041534.D
 Acq: 15 May 2024 12:43

Tgt Ion: 74 Resp: 101450
 Ion Ratio Lower Upper
 74 100
 45 93.1 18.6 167.4

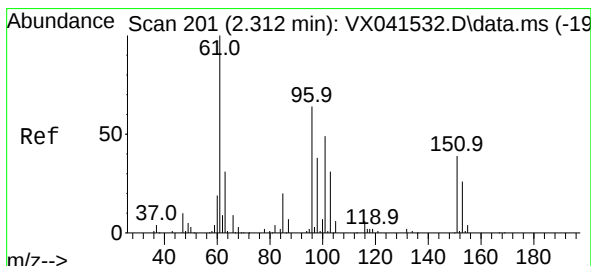
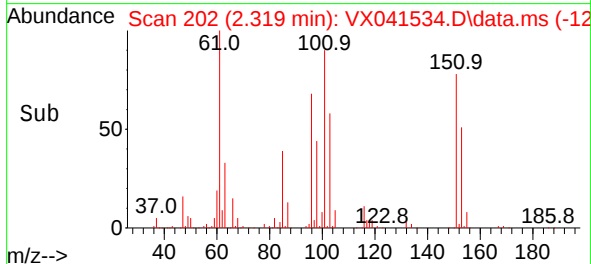
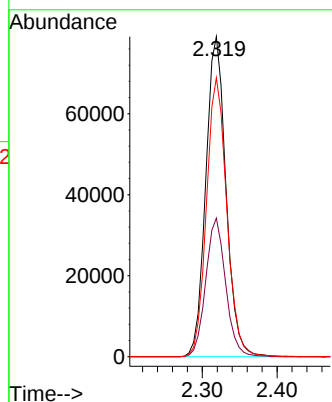
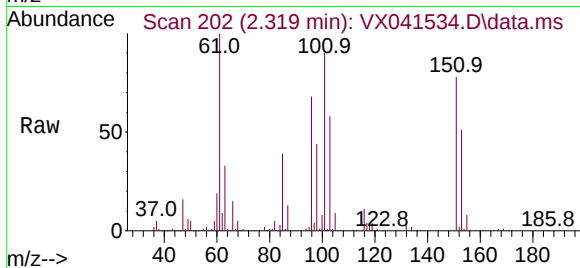




#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.572 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

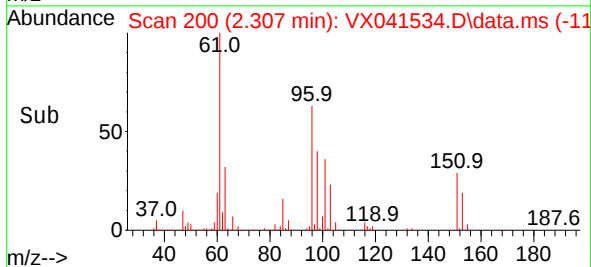
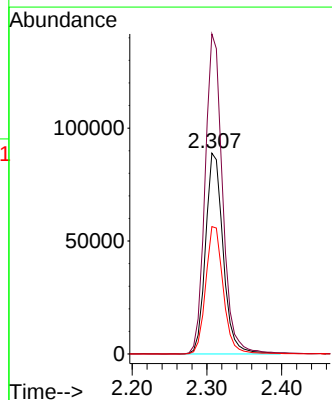
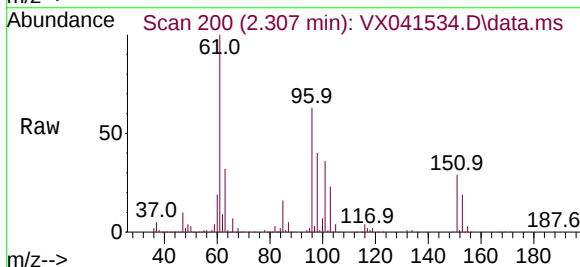
Instrument :
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VSTDIC100

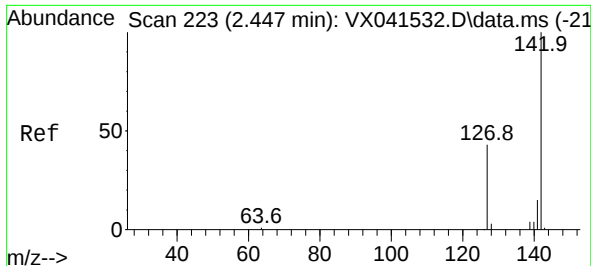
Tgt Ion:101 Resp: 148611
Ion Ratio Lower Upper
101 100
85 42.6 0.0 84.6
151 87.5 0.0 170.2



#10
1,1-Dichloroethene
Concen: 96.114 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 96 Resp: 145581
Ion Ratio Lower Upper
96 100
61 159.3 124.5 186.7
98 63.4 47.9 71.9





#11

Methyl Iodide

Concen: 115.858 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041534.D

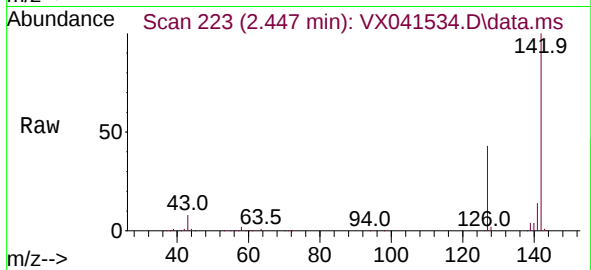
Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



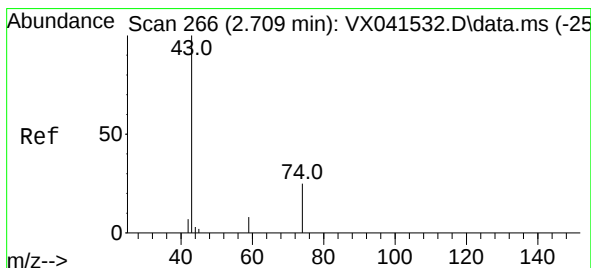
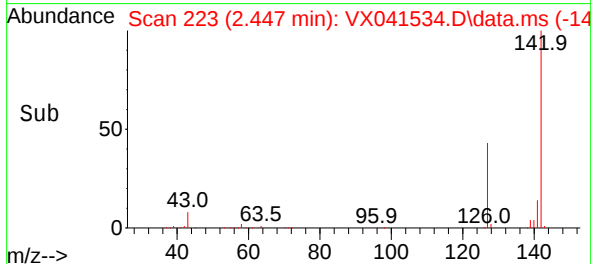
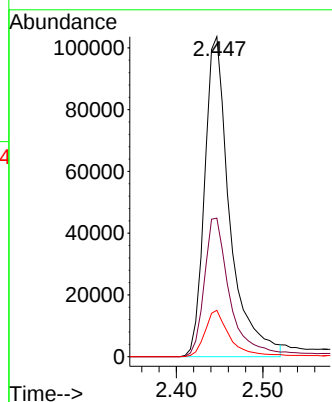
Tgt Ion:142 Resp: 209013

Ion Ratio Lower Upper

142 100

127 43.4 21.4 64.2

141 14.4 7.6 22.8



#12

Methyl Acetate

Concen: 102.403 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041534.D

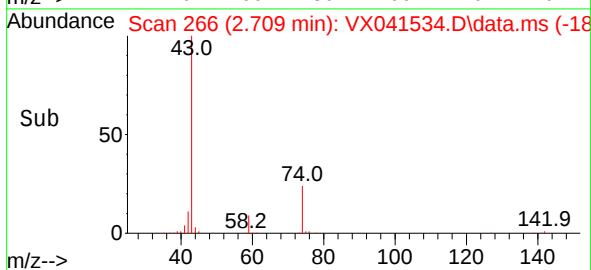
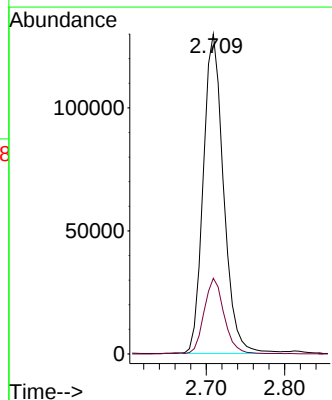
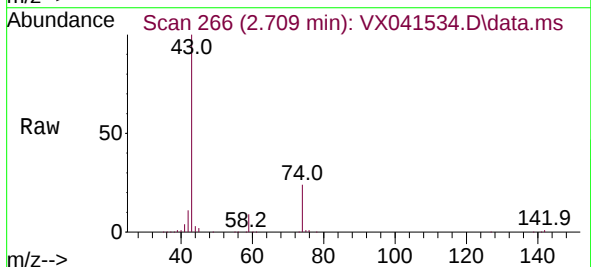
Acq: 15 May 2024 12:43

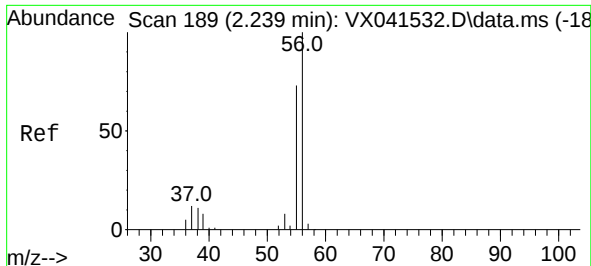
Tgt Ion: 43 Resp: 233509

Ion Ratio Lower Upper

43 100

74 23.5 19.9 29.9





#13

Acrolein

Concen: 521.202 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

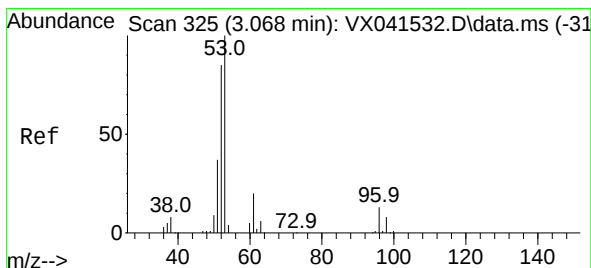
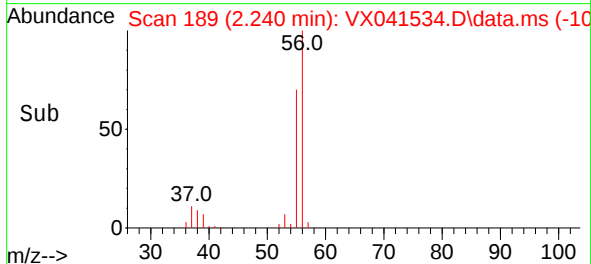
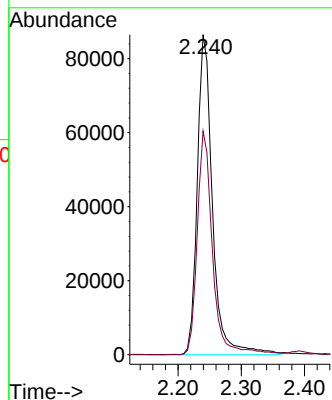
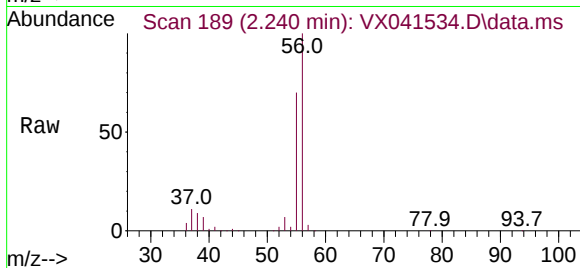
VSTDICC100

Tgt Ion: 56 Resp: 144744

Ion Ratio Lower Upper

56 100

55 67.9 55.1 82.7



#14

Acrylonitrile

Concen: 505.255 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

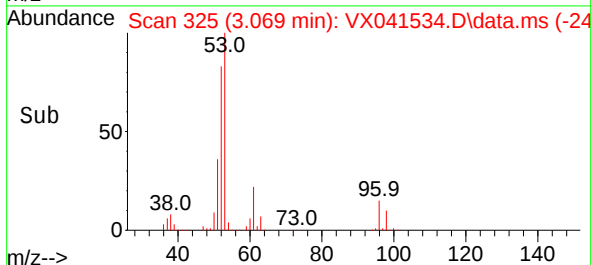
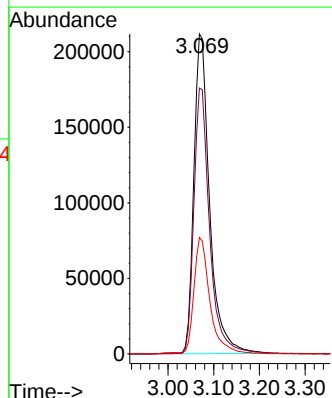
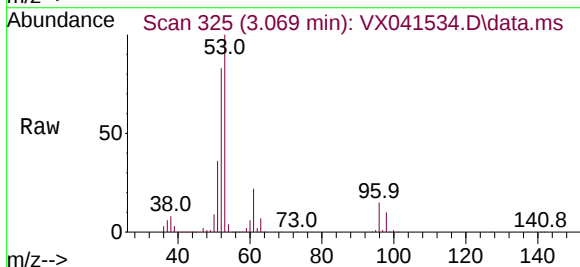
Tgt Ion: 53 Resp: 506747

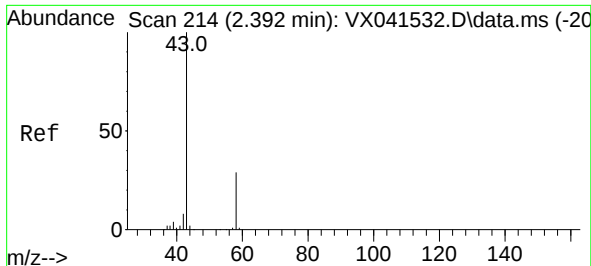
Ion Ratio Lower Upper

53 100

52 82.8 41.3 123.7

51 36.0 18.4 55.0

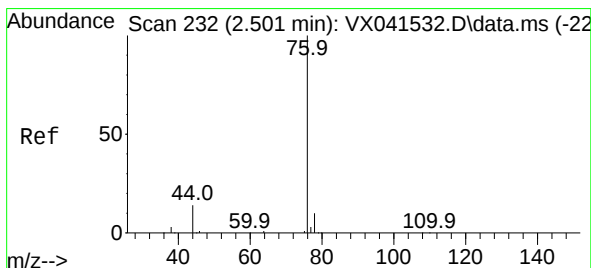
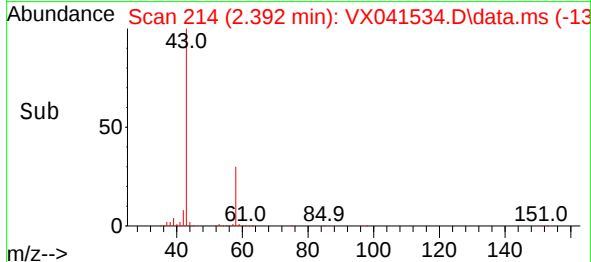
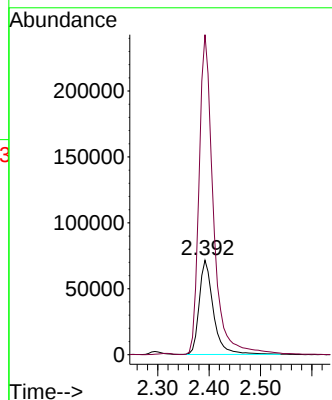
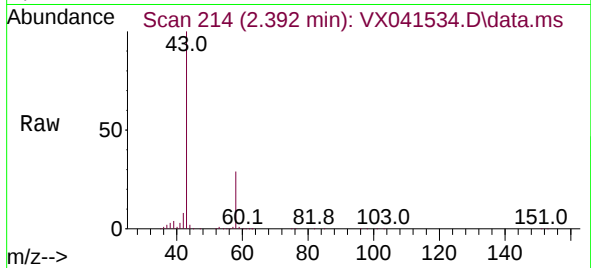




#15
Acetone
Concen: 511.406 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

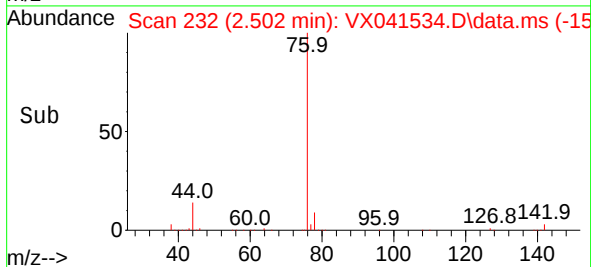
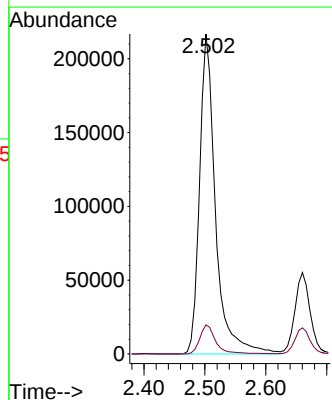
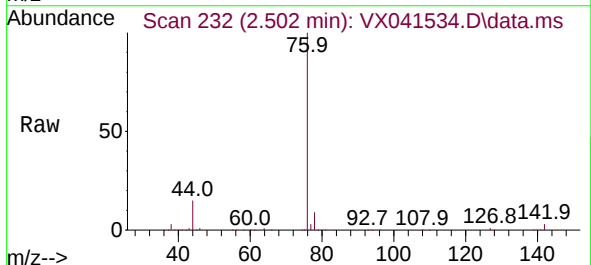
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

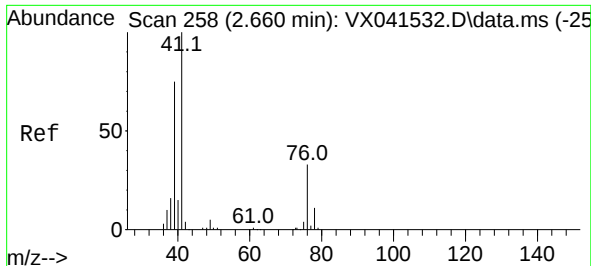
Tgt Ion: 58 Resp: 137427
Ion Ratio Lower Upper
58 100
43 339.9 274.0 411.0



#16
Carbon Disulfide
Concen: 115.441 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 76 Resp: 394792
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4





#17

Allyl chloride

Concen: 107.232 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

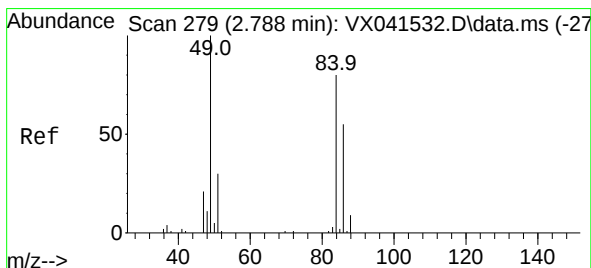
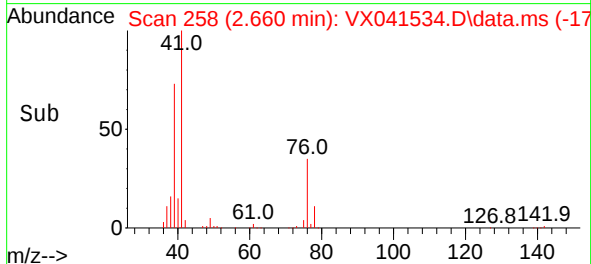
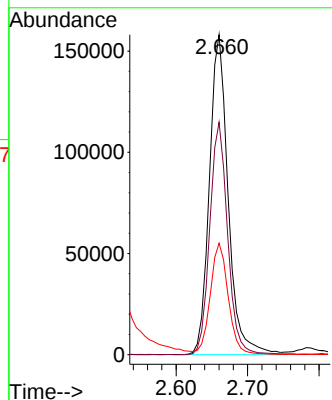
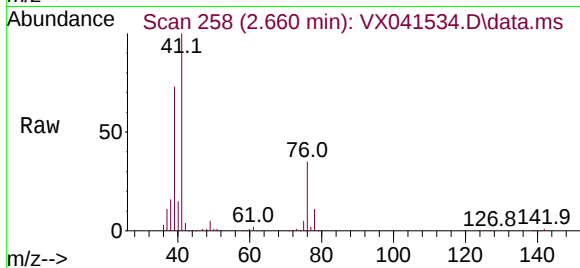
Tgt Ion: 41 Resp: 288236

Ion Ratio Lower Upper

41 100

39 72.6 37.5 112.7

76 34.8 16.6 49.8



#18

Methylene Chloride

Concen: 102.577 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Tgt Ion: 84 Resp: 184791

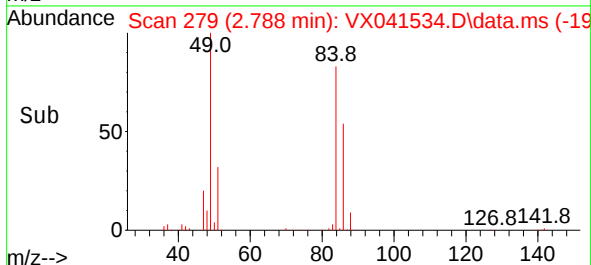
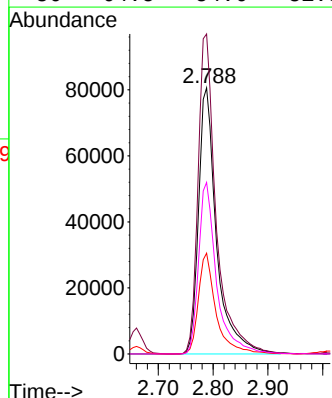
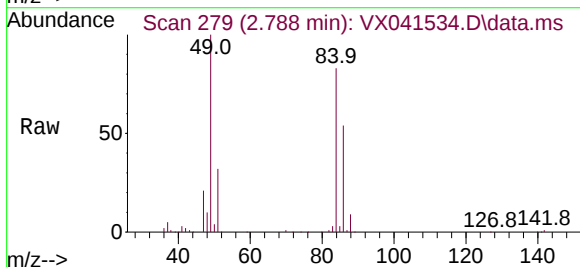
Ion Ratio Lower Upper

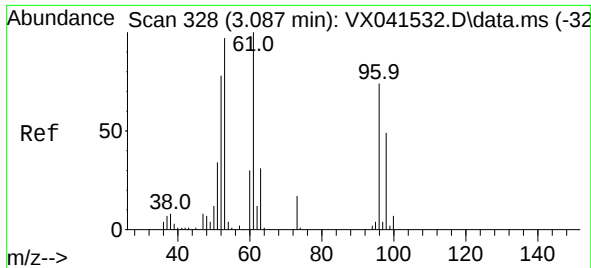
84 100

49 120.2 99.8 149.8

51 37.9 30.2 45.4

86 64.5 54.6 81.8





#19

trans-1,2-Dichloroethene

Concen: 99.798 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

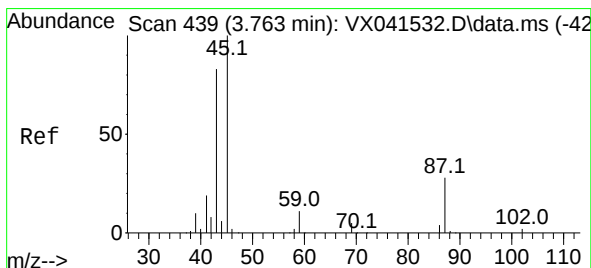
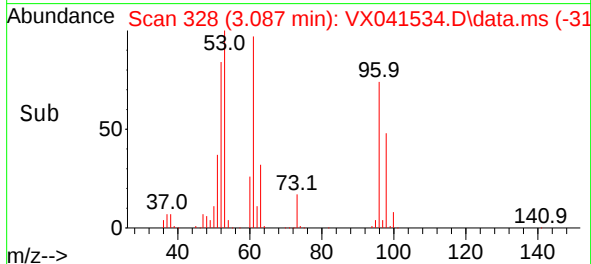
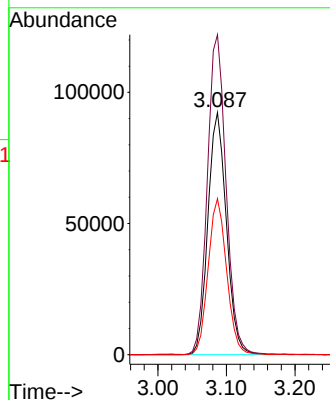
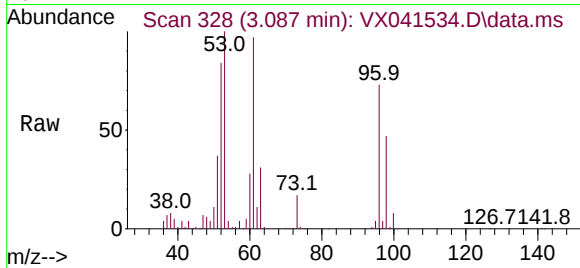
Tgt Ion: 96 Resp: 173336

Ion Ratio Lower Upper

96 100

61 132.0 107.7 161.5

98 64.4 53.1 79.7



#20

Diisopropyl ether

Concen: 99.697 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Tgt Ion: 45 Resp: 563052

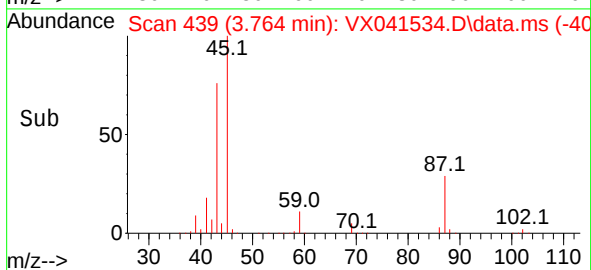
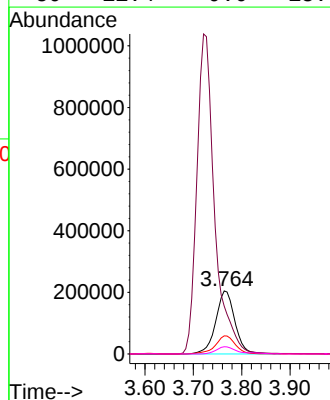
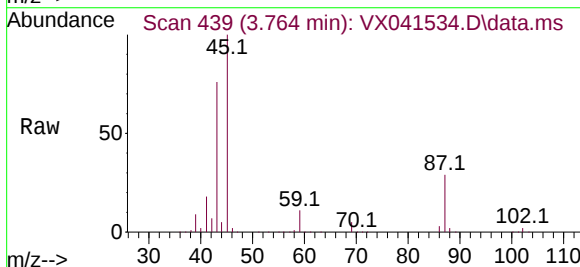
Ion Ratio Lower Upper

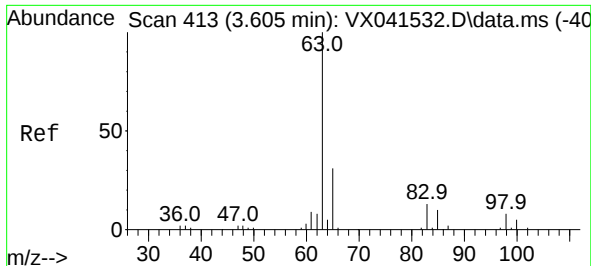
45 100

43 75.9 66.7 100.1

87 28.8 22.4 33.6

59 11.4 9.0 13.4





#21

1,1-Dichloroethane

Concen: 100.912 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

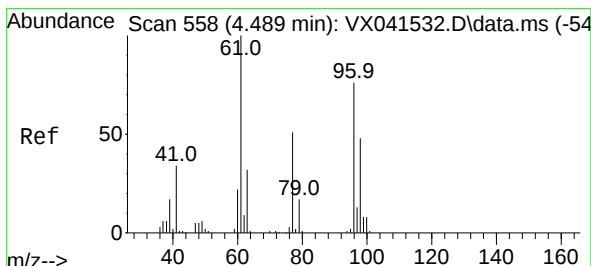
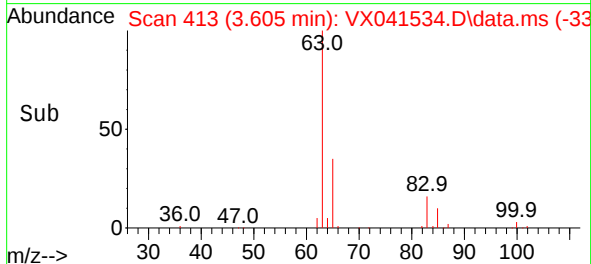
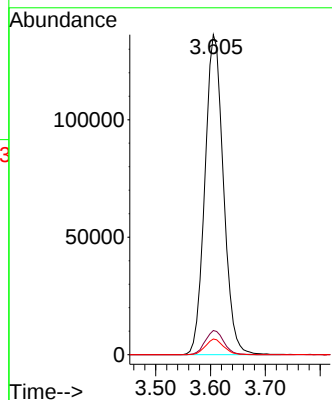
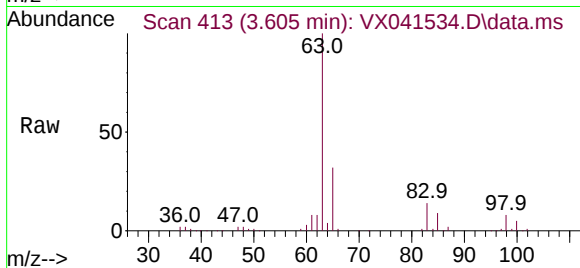
Tgt Ion: 63 Resp: 319856

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.9 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 100.302 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

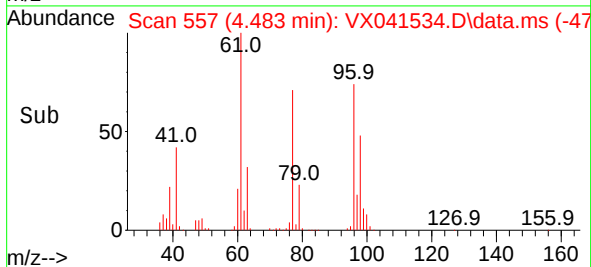
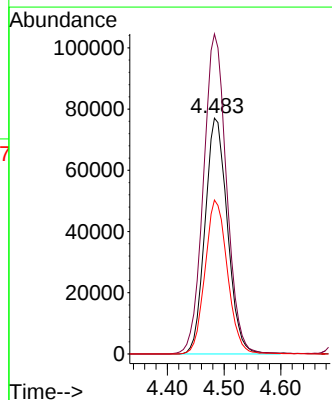
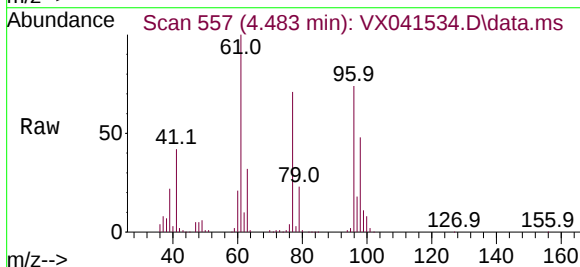
Tgt Ion: 96 Resp: 211693

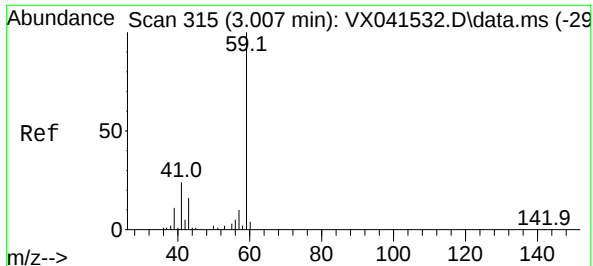
Ion Ratio Lower Upper

96 100

61 139.8 114.2 171.4

98 65.0 52.6 79.0





#23

tert-Butyl Alcohol

Concen: 513.921 ug/l

RT: 3.014 min Scan# 316

Delta R.T. 0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

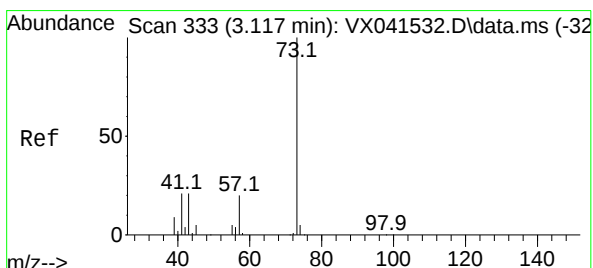
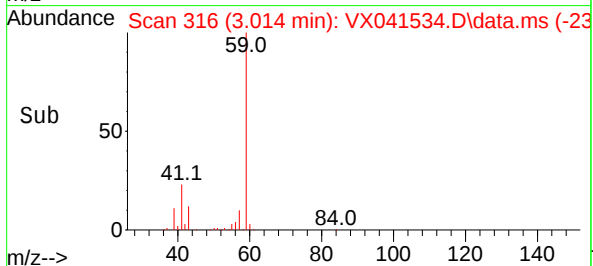
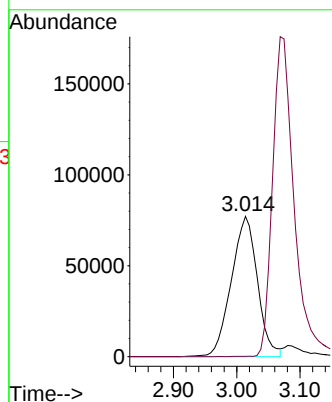
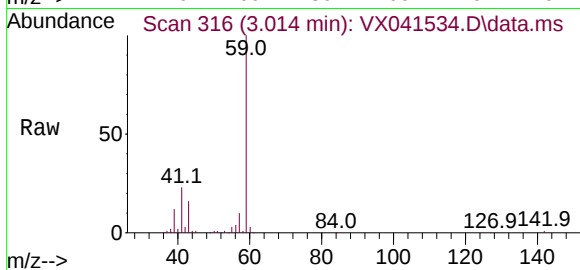
VSTDIC100

Tgt Ion: 59 Resp: 221952

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 101.394 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX041534.D

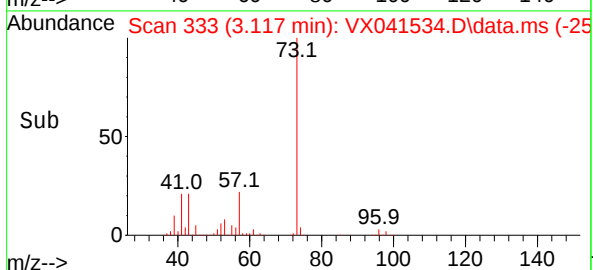
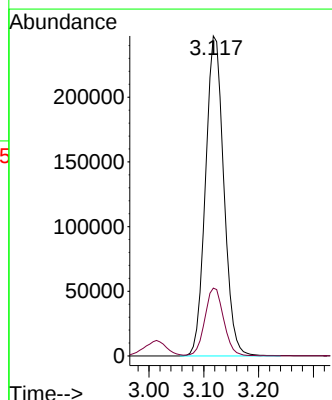
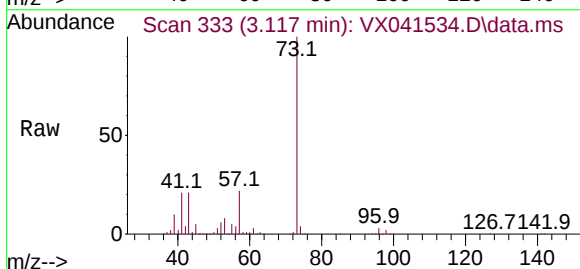
Acq: 15 May 2024 12:43

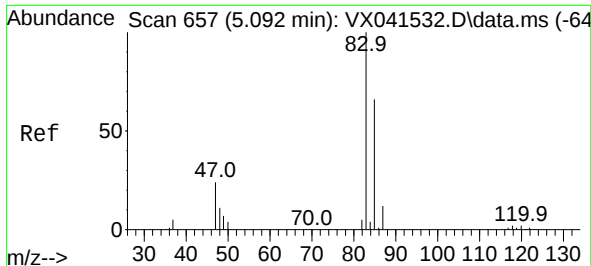
Tgt Ion: 73 Resp: 573371

Ion Ratio Lower Upper

73 100

43 21.6 17.2 25.8





#25

Chloroform

Concen: 99.769 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

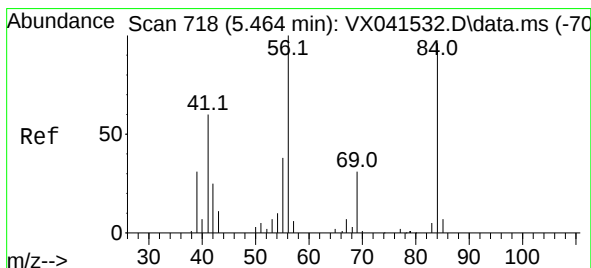
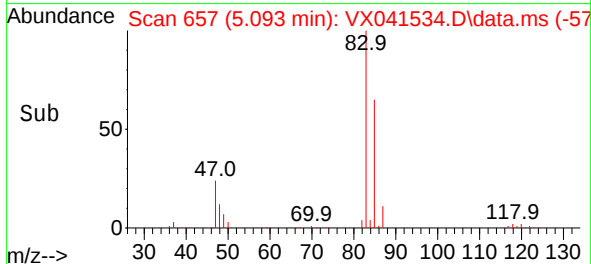
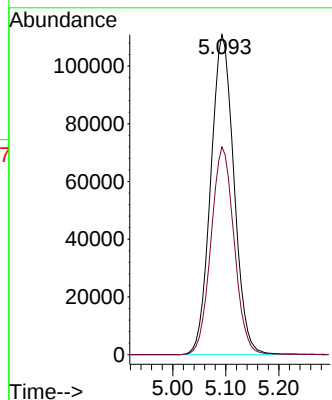
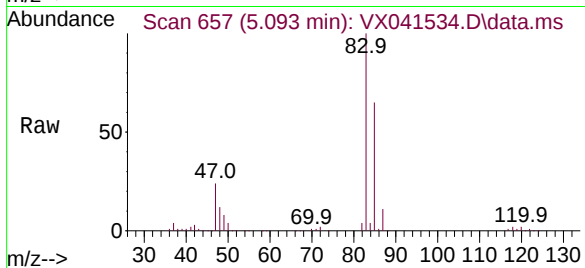
VSTDIC100

Tgt Ion: 83 Resp: 336887

Ion Ratio Lower Upper

83 100

85 65.0 52.9 79.3



#26

Cyclohexane

Concen: 98.844 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

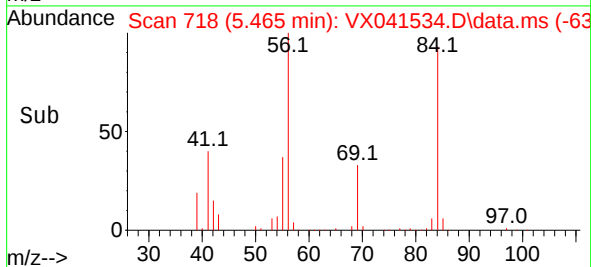
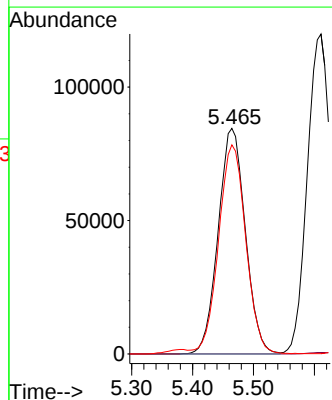
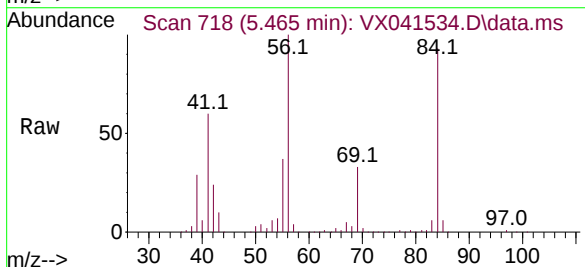
Tgt Ion: 56 Resp: 261262

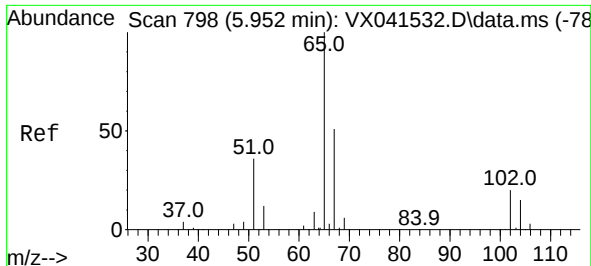
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.0 74.0 111.0

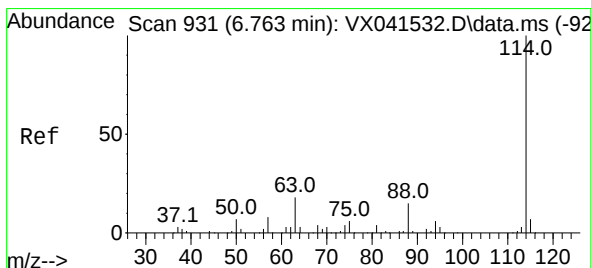
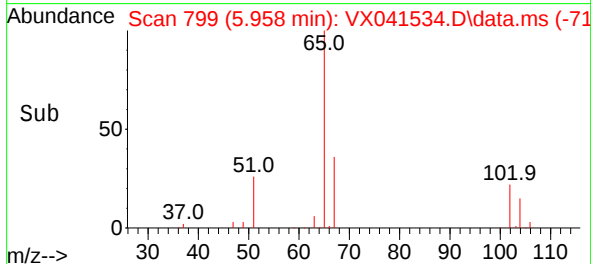
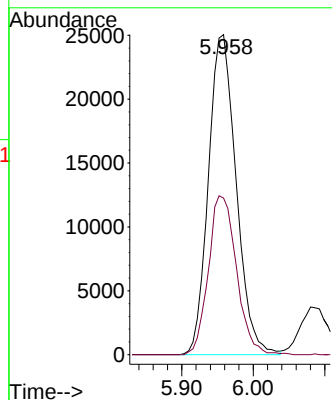
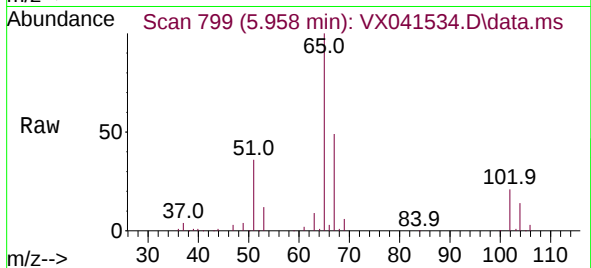




#27
1,2-Dichloroethane-d4
Concen: 28.991 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

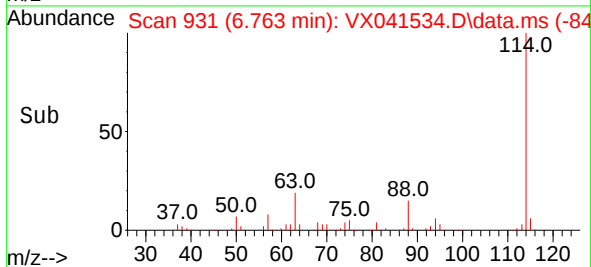
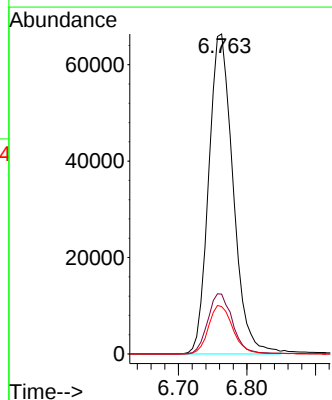
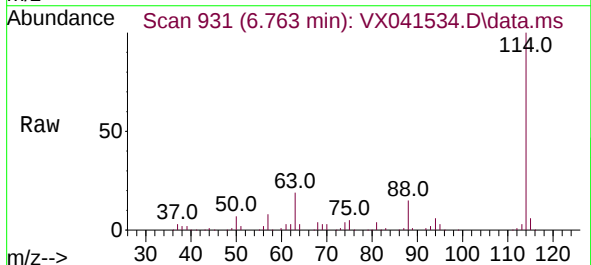
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

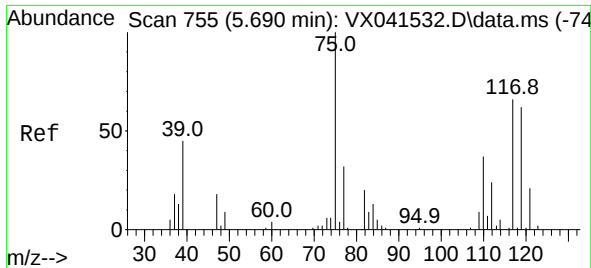
Tgt Ion: 65 Resp: 67588
Ion Ratio Lower Upper
65 100
67 49.9 40.8 61.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 114 Resp: 163925
Ion Ratio Lower Upper
114 100
63 19.1 15.4 23.0
88 15.0 12.2 18.2

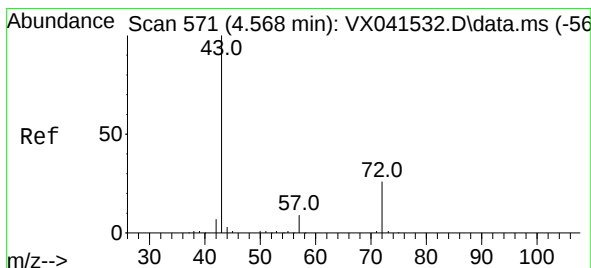
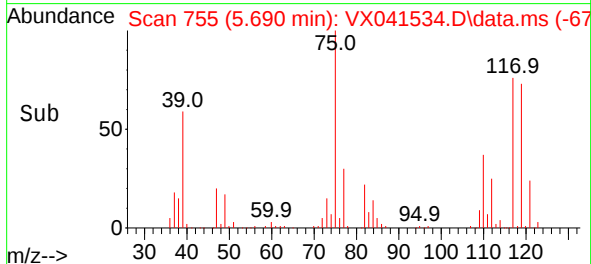
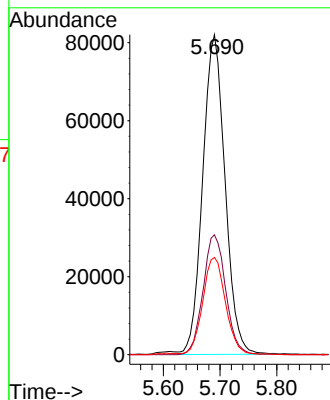
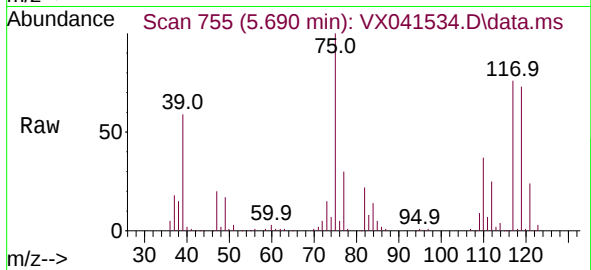




#29
1,1-Dichloropropene
Concen: 103.355 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

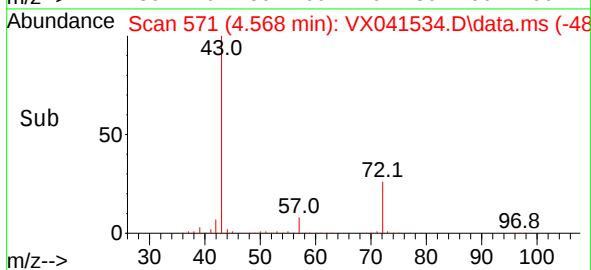
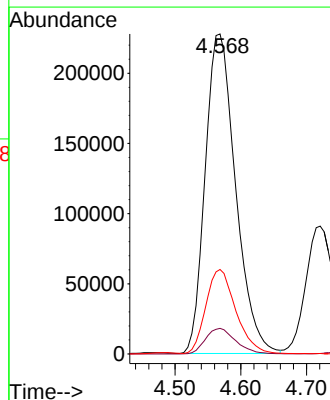
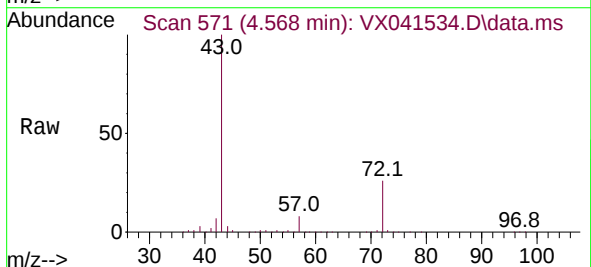
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

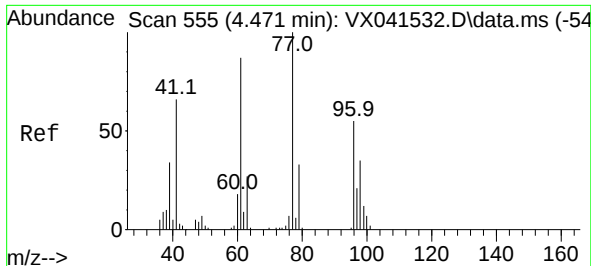
Tgt Ion: 75 Resp: 224117
Ion Ratio Lower Upper
75 100
110 38.0 0.0 74.4
77 31.1 0.0 62.6



#30
2-Butanone
Concen: 508.771 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 43 Resp: 732274
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.9 20.7 31.1

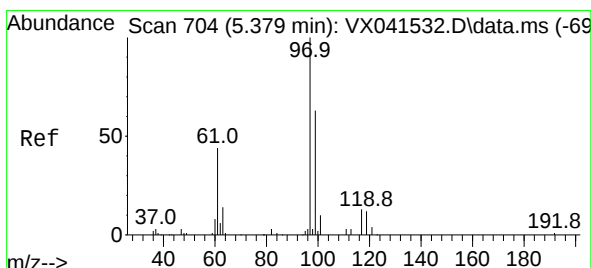
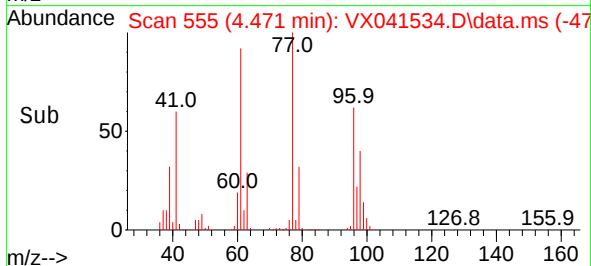
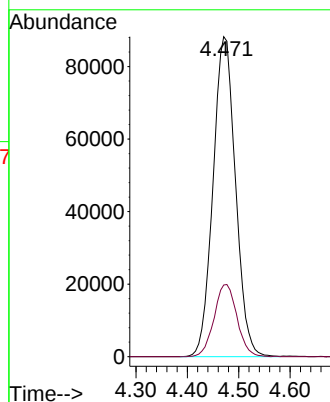
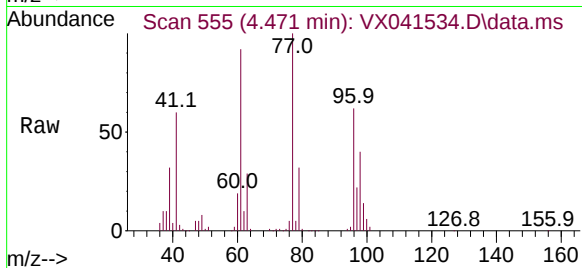




#31
2,2-Dichloropropane
Concen: 105.275 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

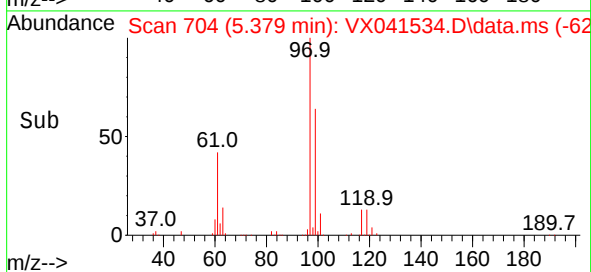
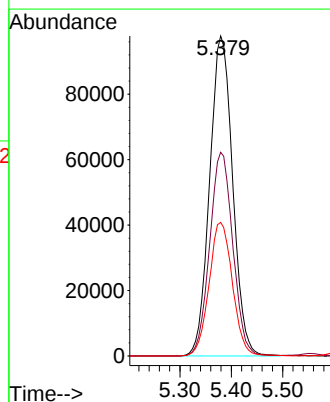
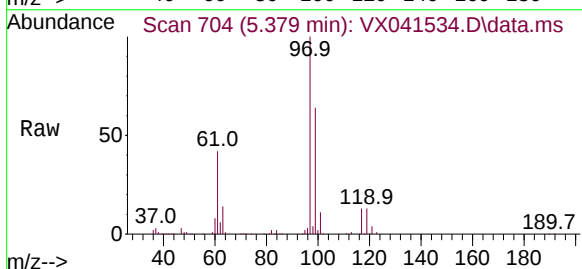
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

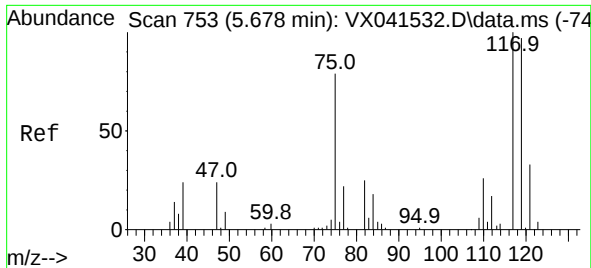
Tgt Ion: 77 Resp: 267917
Ion Ratio Lower Upper
77 100
97 23.0 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 104.354 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 97 Resp: 303625
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 42.3 34.6 51.8

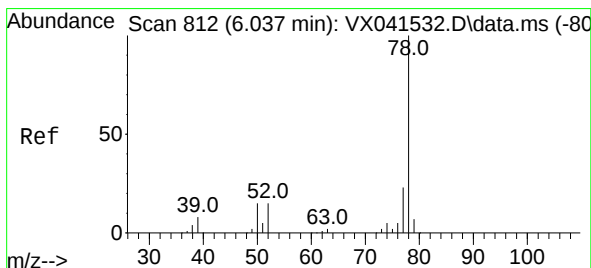
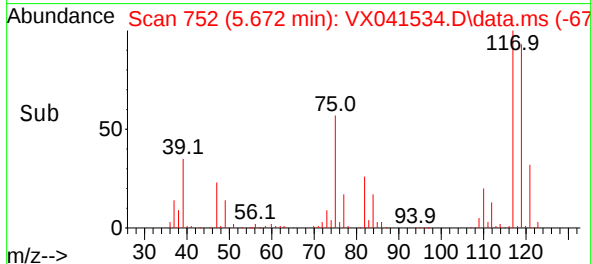
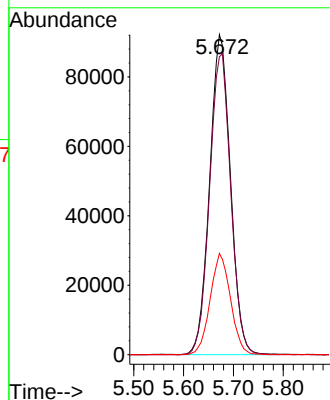
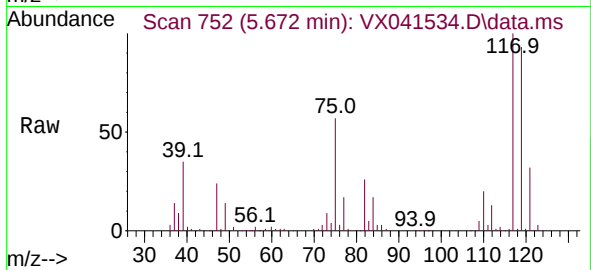




#33
Carbon Tetrachloride
Concen: 107.458 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

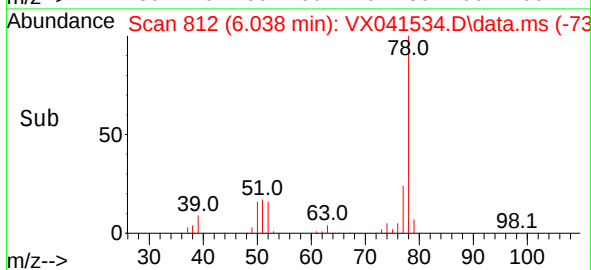
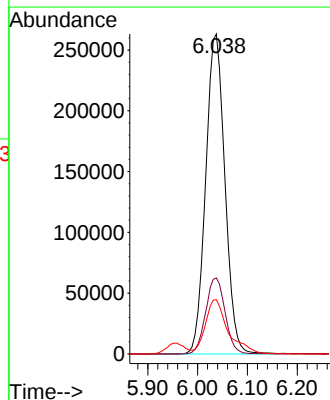
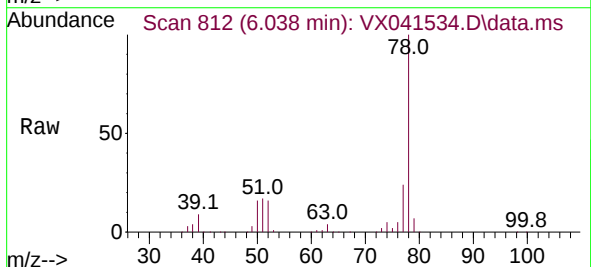
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

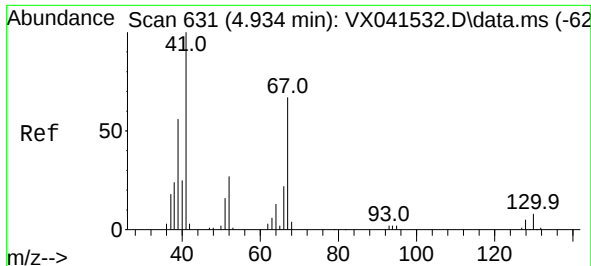
Tgt Ion:117 Resp: 267519
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.2
121 31.7 26.4 39.6



#34
Benzene
Concen: 103.004 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 78 Resp: 705399
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
51 16.9 12.4 18.6





#35

Methacrylonitrile

Concen: 105.663 ug/l

RT: 4.928 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 153412

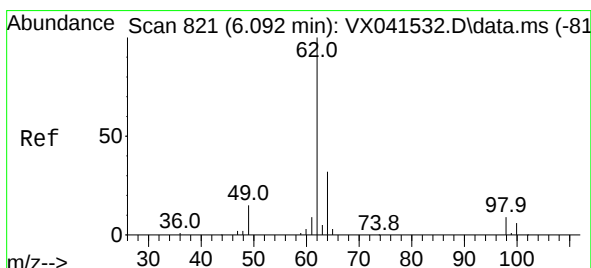
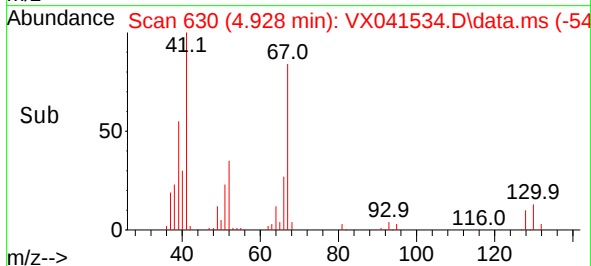
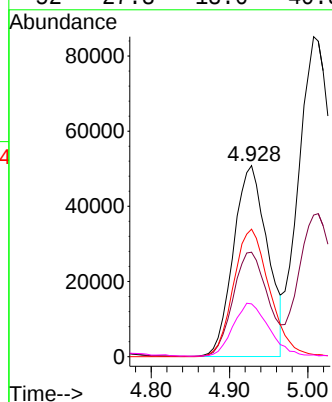
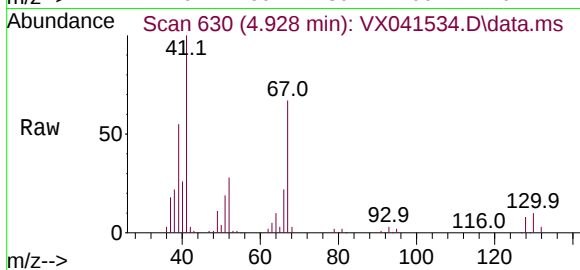
Ion Ratio Lower Upper

41 100

39 54.5 28.1 84.4

67 66.8 33.7 101.1

52 27.3 13.6 40.8



#36

1,2-Dichloroethane

Concen: 102.615 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX041534.D

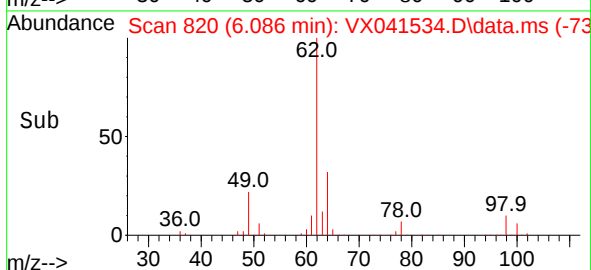
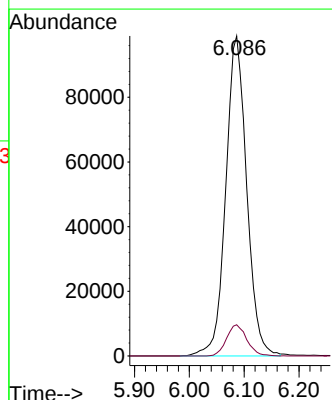
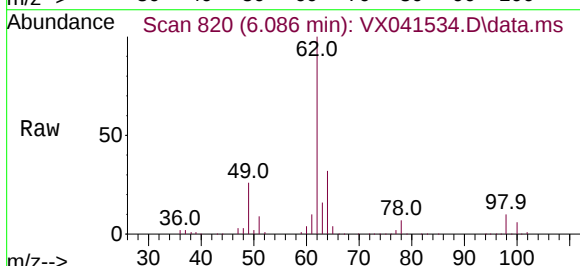
Acq: 15 May 2024 12:43

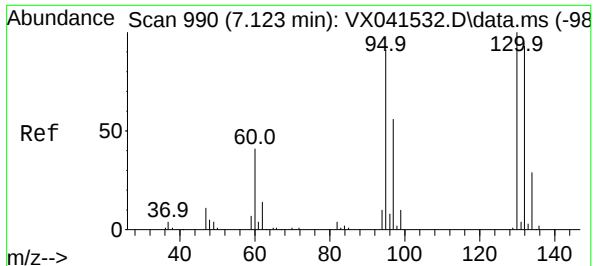
Tgt Ion: 62 Resp: 262238

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0





#37

Trichloroethene

Concen: 102.796 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

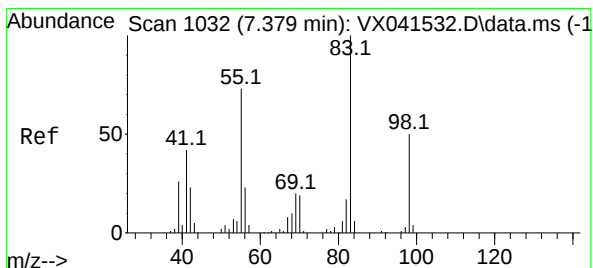
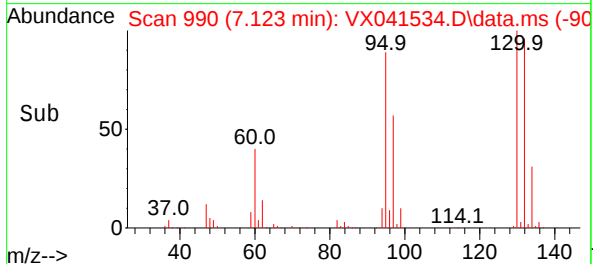
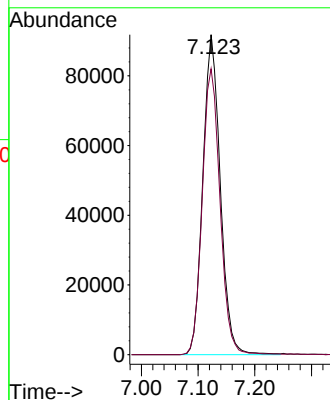
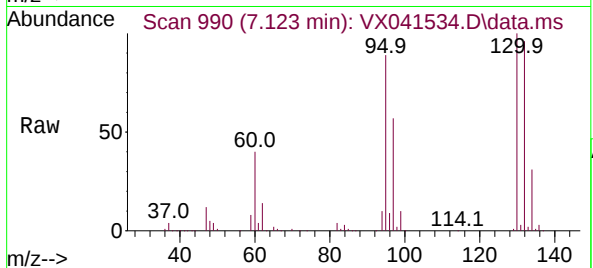
VSTDIC100

Tgt Ion:130 Resp: 196142

Ion Ratio Lower Upper

130 100

95 89.3 72.6 108.8



#38

Methylcyclohexane

Concen: 102.916 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

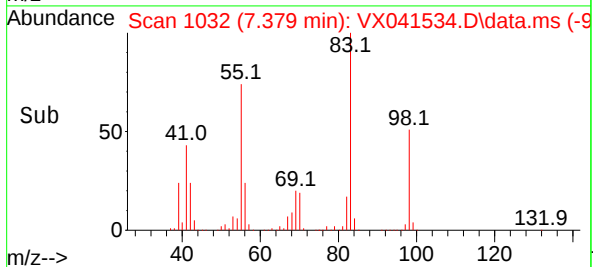
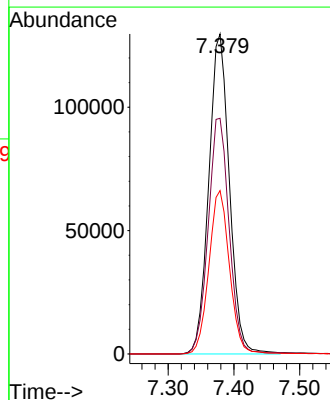
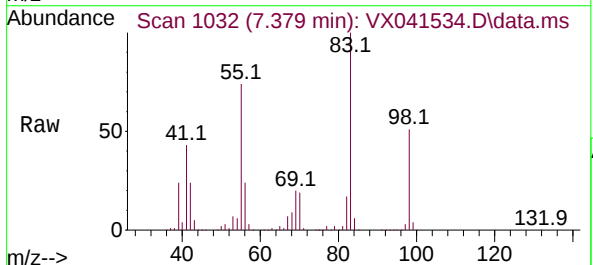
Tgt Ion: 83 Resp: 283360

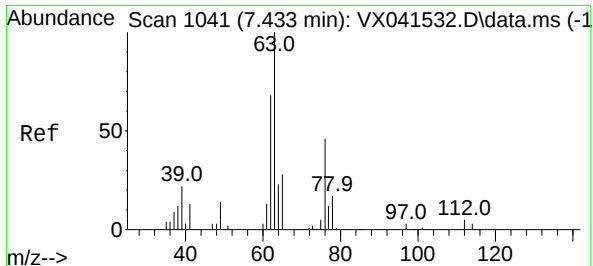
Ion Ratio Lower Upper

83 100

55 74.6 37.7 113.1

98 51.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 104.477 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

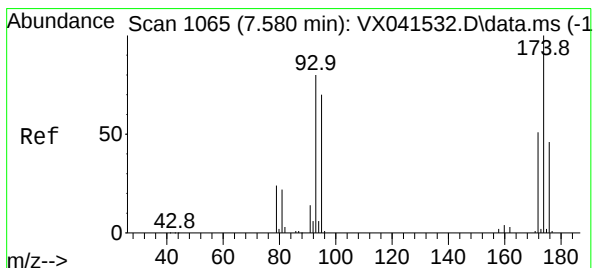
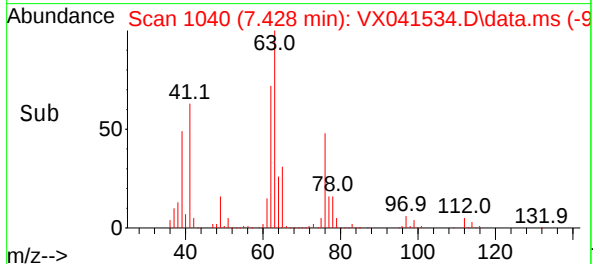
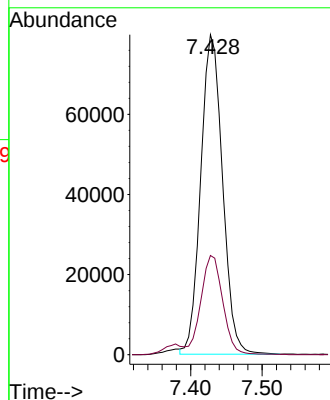
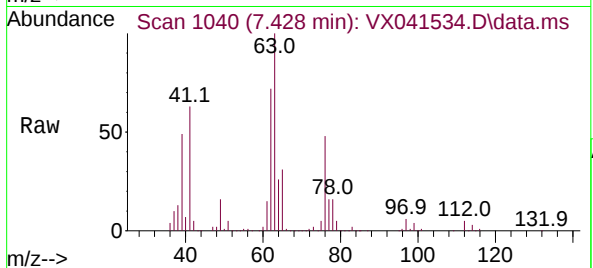
VSTDIC100

Tgt Ion: 63 Resp: 169131

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.2



#40

Dibromomethane

Concen: 103.757 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

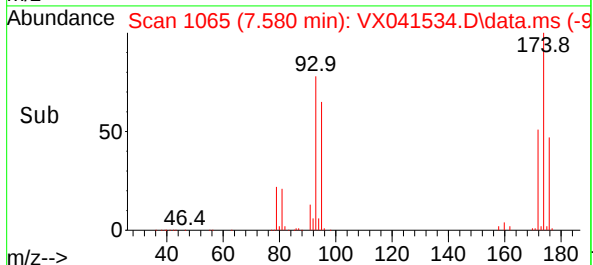
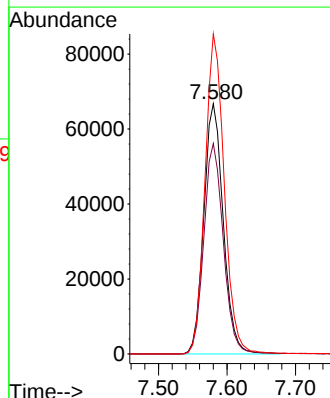
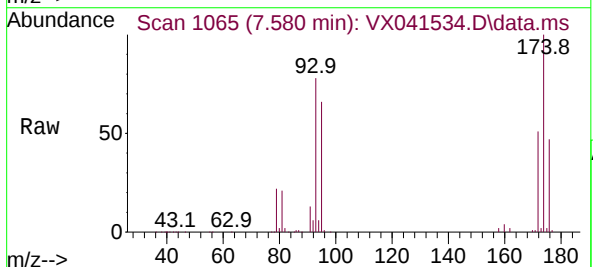
Tgt Ion: 93 Resp: 132193

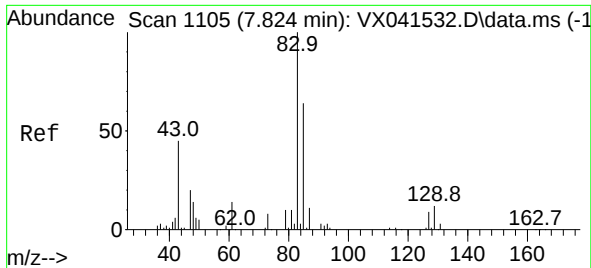
Ion Ratio Lower Upper

93 100

95 84.3 0.0 168.6

174 126.1 0.0 249.8

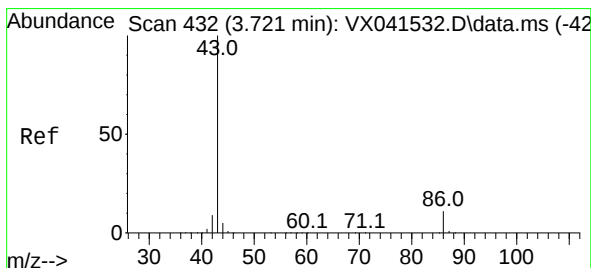
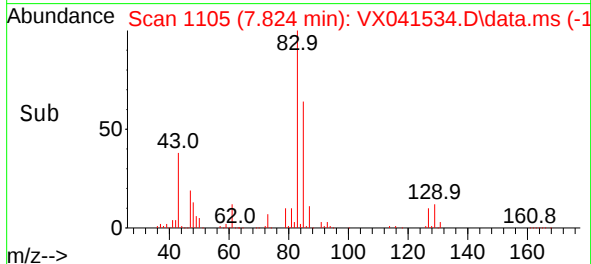
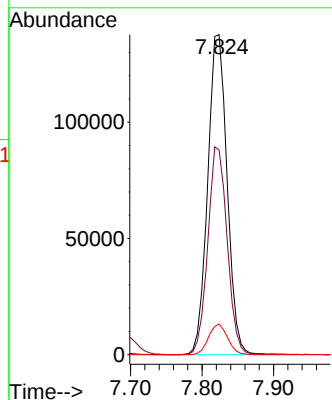
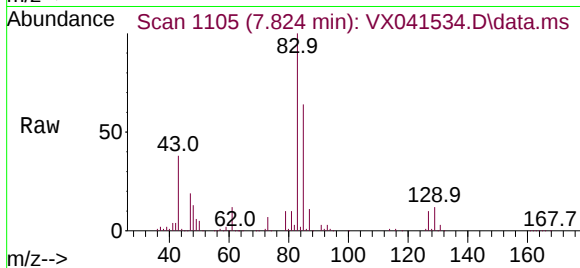




#41
Bromodichloromethane
Concen: 108.452 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

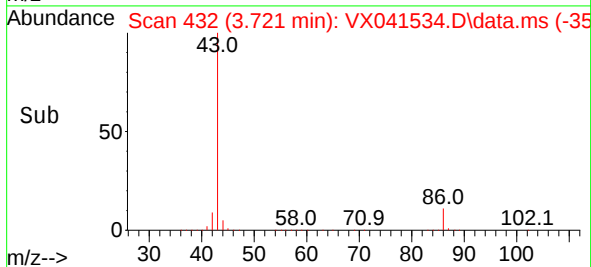
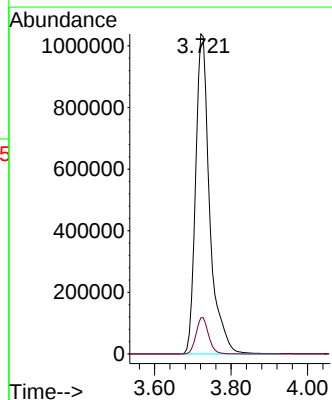
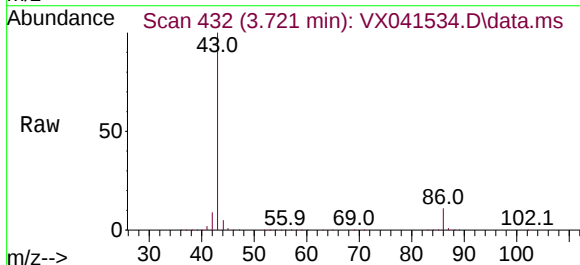
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

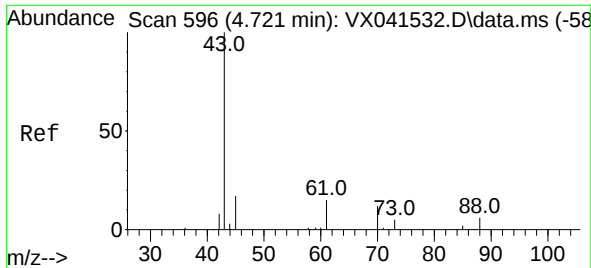
Tgt Ion: 83 Resp: 259410
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.4
127 9.6 7.1 10.7



#42
Vinyl Acetate
Concen: 530.641 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 43 Resp: 2649872
Ion Ratio Lower Upper
43 100
86 10.1 7.8 11.6

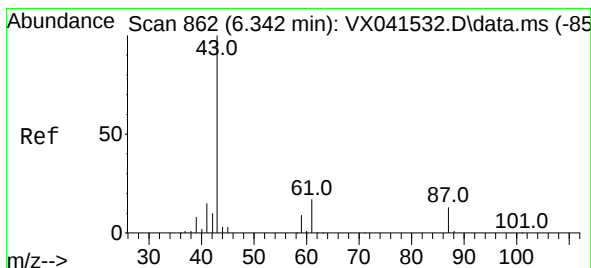
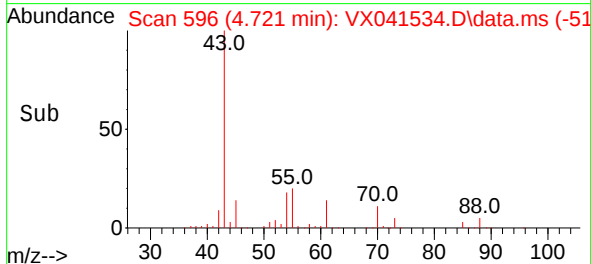
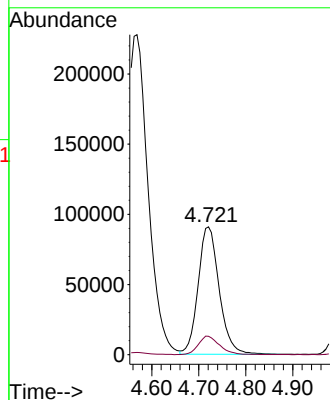
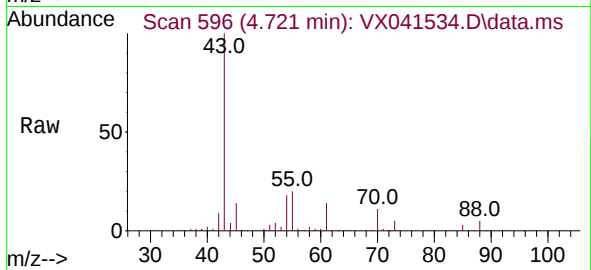




#43
Ethyl Acetate
Concen: 101.831 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

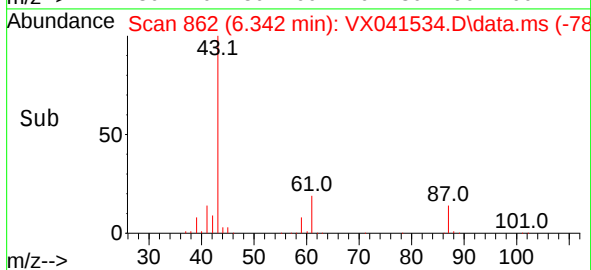
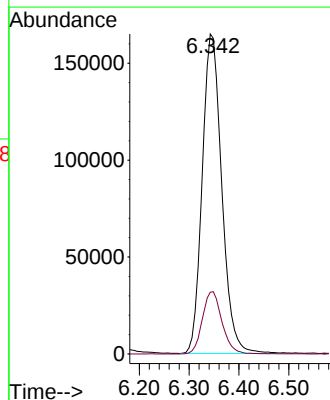
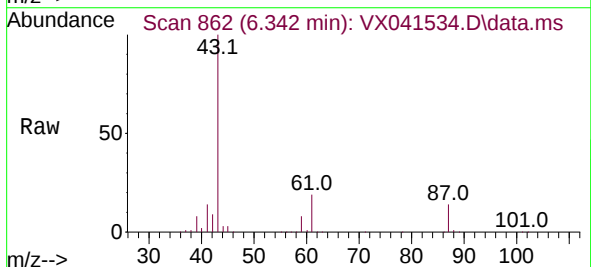
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

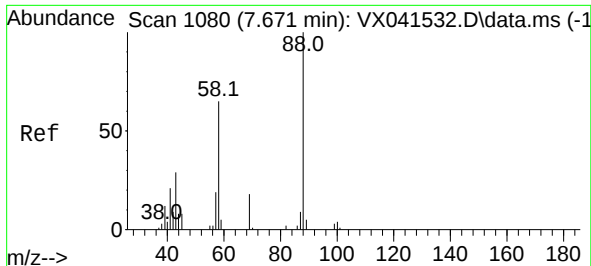
Tgt Ion: 43 Resp: 282798
Ion Ratio Lower Upper
43 100
45 14.5 11.9 17.9



#44
Isopropyl Acetate
Concen: 106.832 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 43 Resp: 448479
Ion Ratio Lower Upper
43 100
61 19.6 15.3 22.9





#45

1,4-Dioxane

Concen: 2156.854 ug/l

RT: 7.665 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

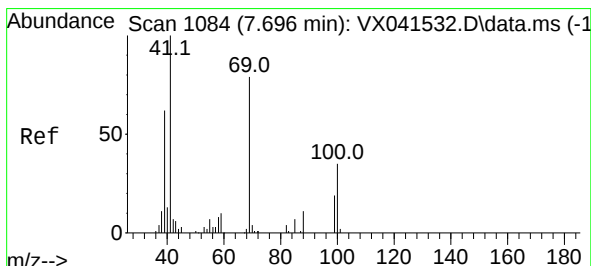
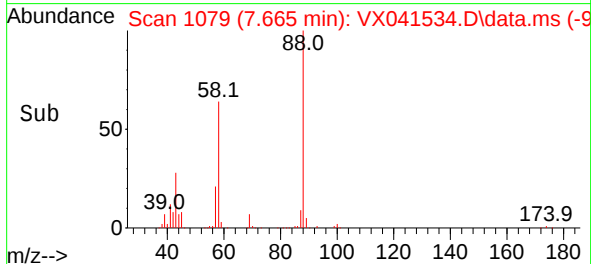
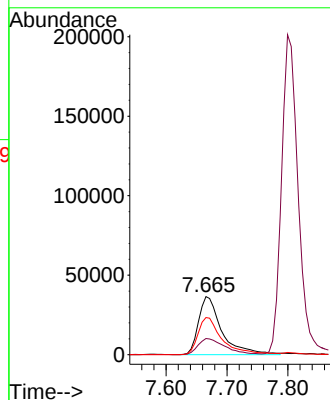
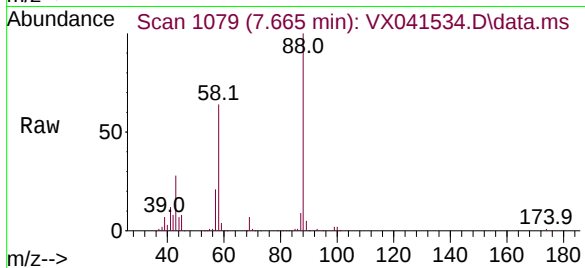
Tgt Ion: 88 Resp: 97103

Ion Ratio Lower Upper

88 100

43 32.0 24.9 37.3

58 66.5 47.0 70.4



#46

Methyl methacrylate

Concen: 108.138 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

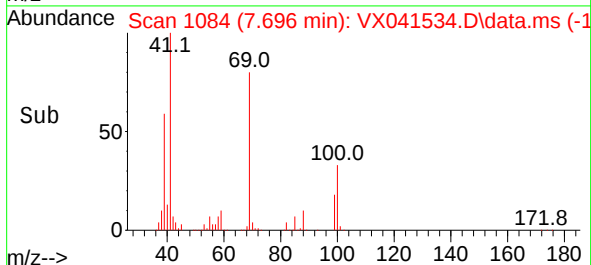
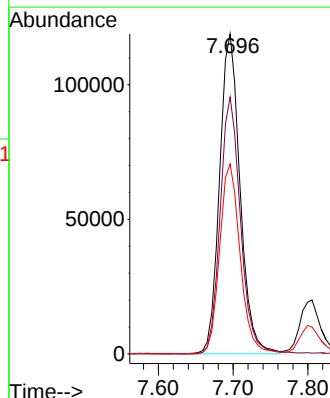
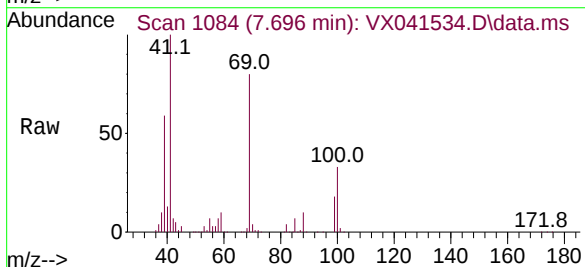
Tgt Ion: 41 Resp: 225867

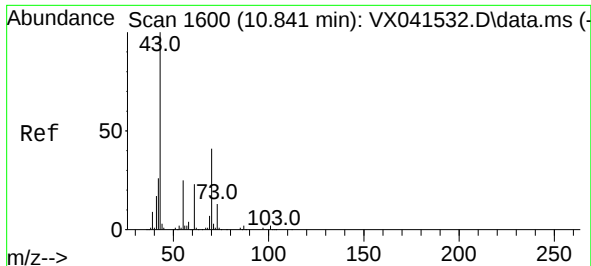
Ion Ratio Lower Upper

41 100

69 80.4 39.6 119.0

39 59.3 30.9 92.8





#47

n-amy1 Acetate

Concen: 110.308 ug/l

RT: 10.842 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

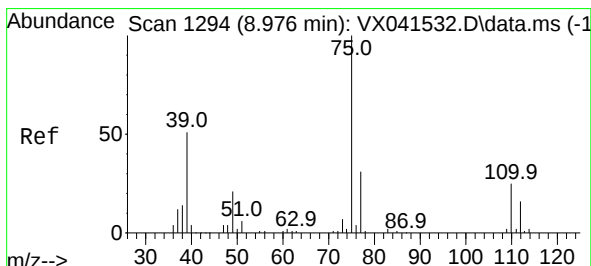
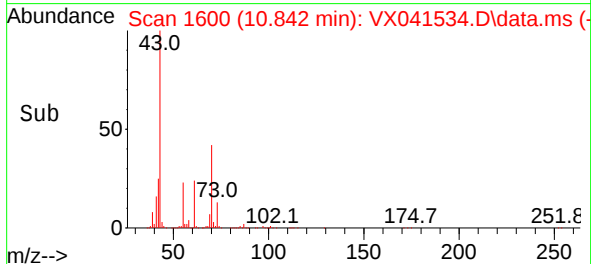
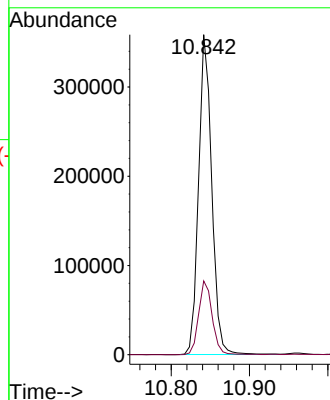
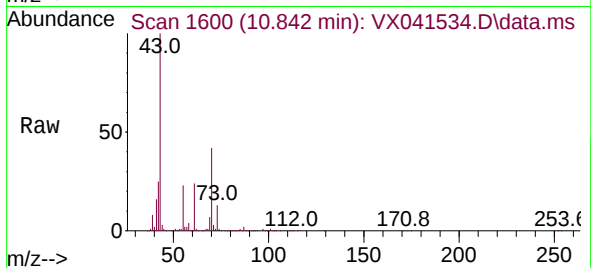
VSTDIC100

Tgt Ion: 43 Resp: 419929

Ion Ratio Lower Upper

43 100

55 23.7 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 112.512 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041534.D

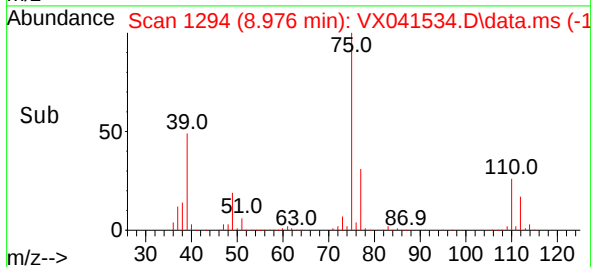
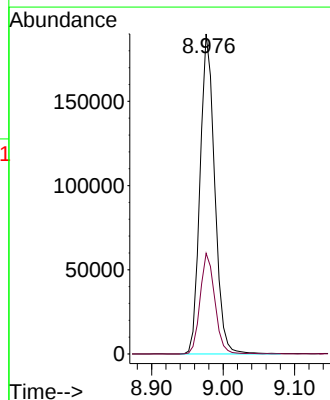
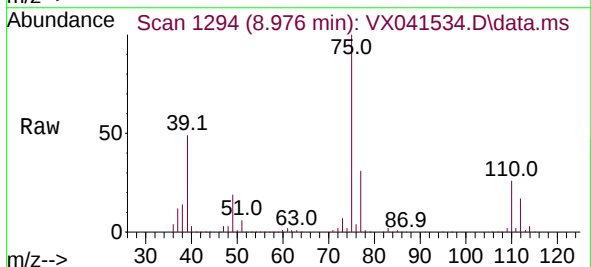
Acq: 15 May 2024 12:43

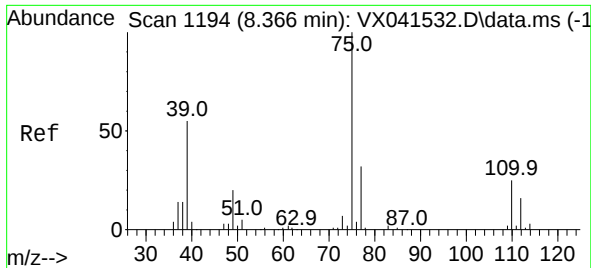
Tgt Ion: 75 Resp: 270263

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 110.000 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

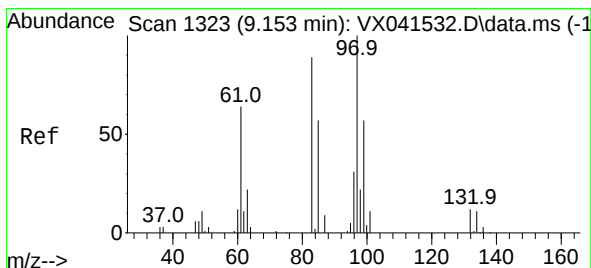
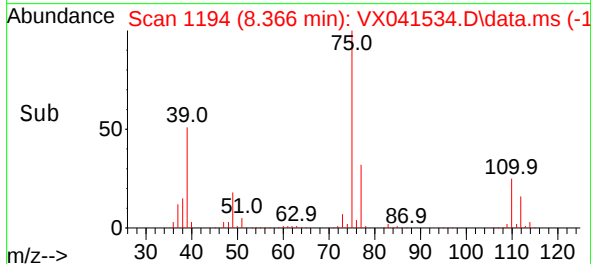
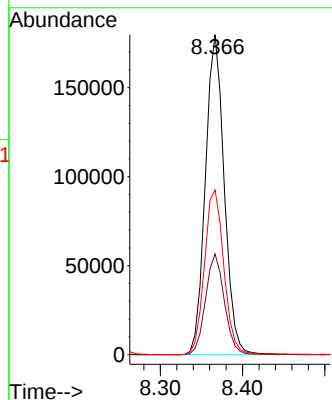
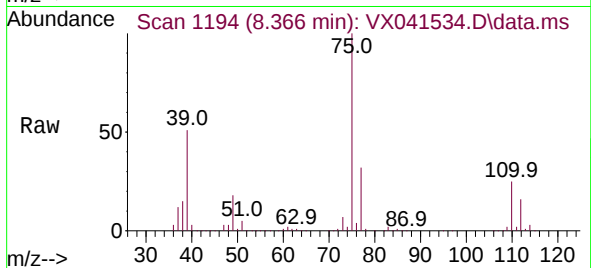
Tgt Ion: 75 Resp: 286198

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8

39 51.4 43.6 65.4



#50

1,1,2-Trichloroethane

Concen: 103.696 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Tgt Ion: 97 Resp: 183789

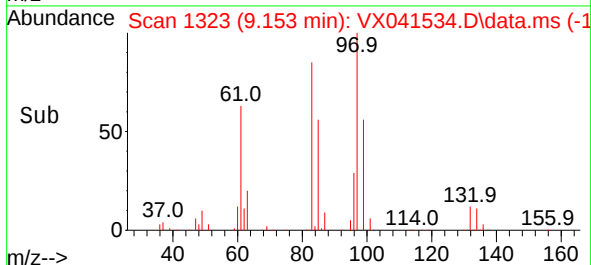
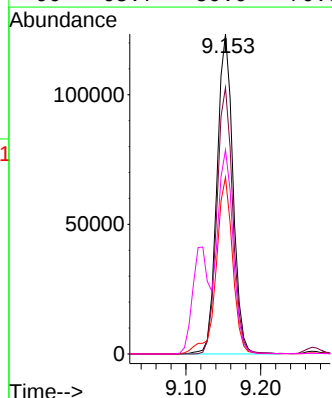
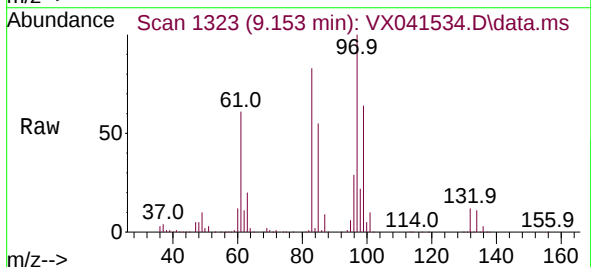
Ion Ratio Lower Upper

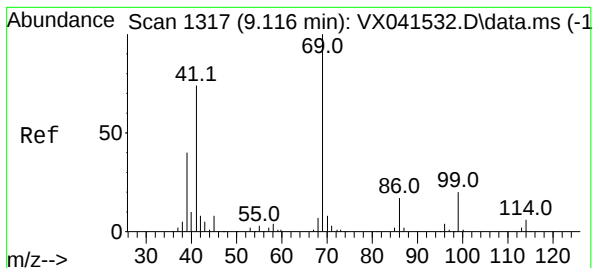
97 100

83 83.3 71.3 106.9

85 55.1 45.7 68.5

99 63.7 50.9 76.3





#51

Ethyl methacrylate

Concen: 108.863 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

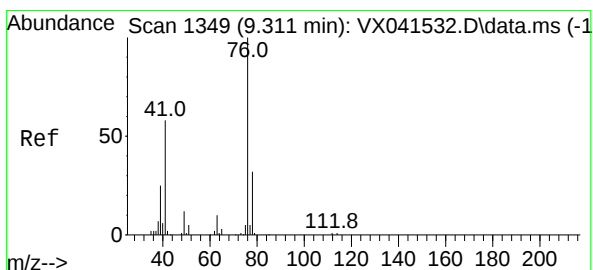
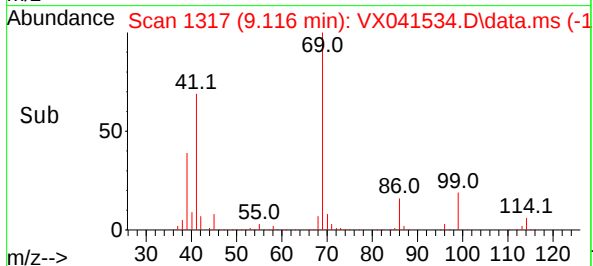
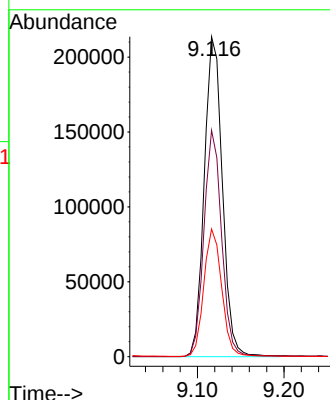
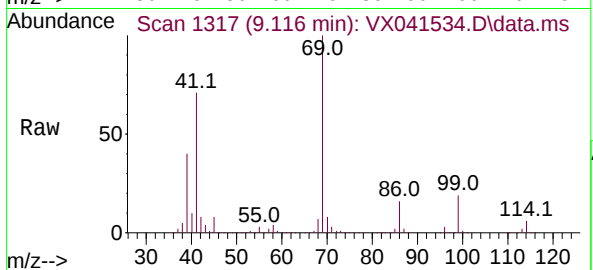
Tgt Ion: 69 Resp: 310566

Ion Ratio Lower Upper

69 100

41 70.7 37.1 111.3

39 39.8 20.2 60.6



#52

1,3-Dichloropropane

Concen: 103.579 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX041534.D

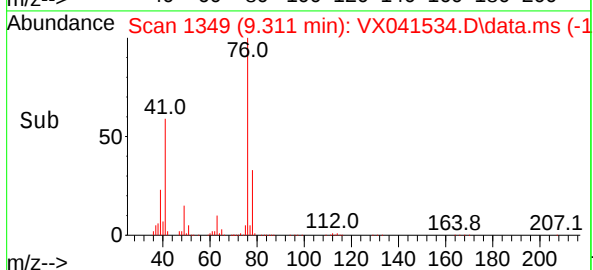
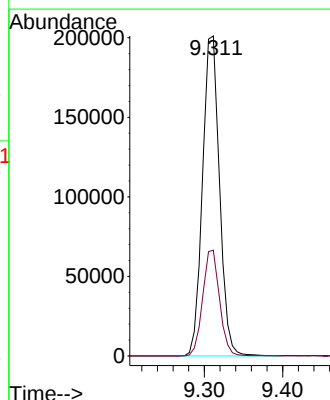
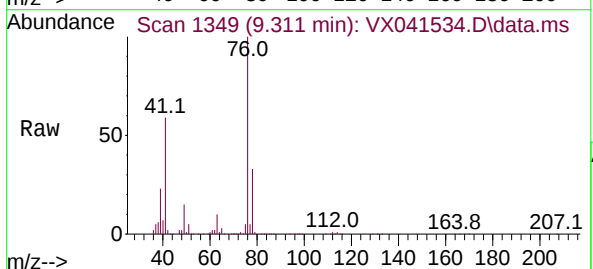
Acq: 15 May 2024 12:43

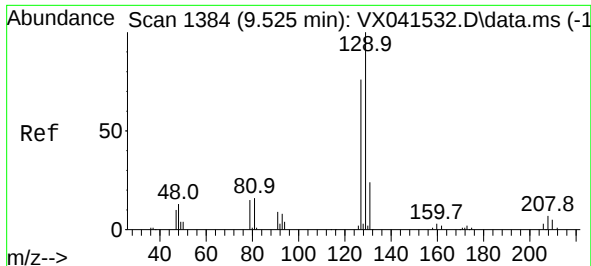
Tgt Ion: 76 Resp: 303359

Ion Ratio Lower Upper

76 100

78 32.8 0.0 64.4





#53

Dibromochloromethane

Concen: 112.173 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

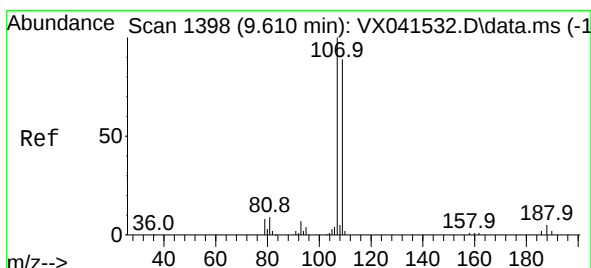
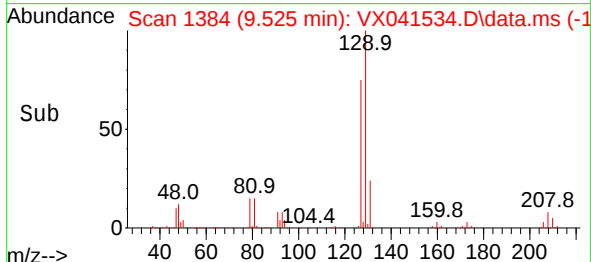
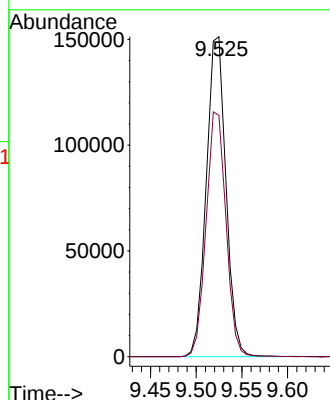
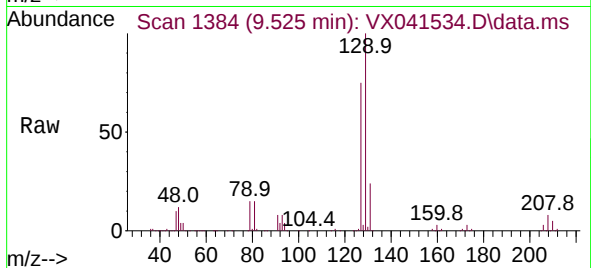
VSTDIC100

Tgt Ion:129 Resp: 226212

Ion Ratio Lower Upper

129 100

127 77.1 38.9 116.7



#54

1,2-Dibromoethane

Concen: 105.229 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041534.D

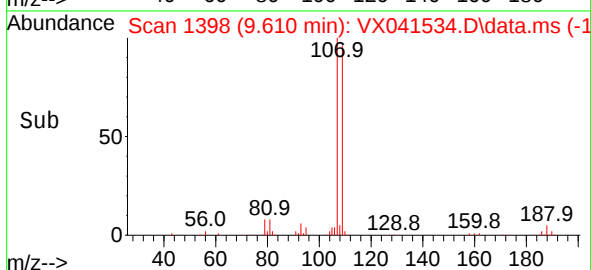
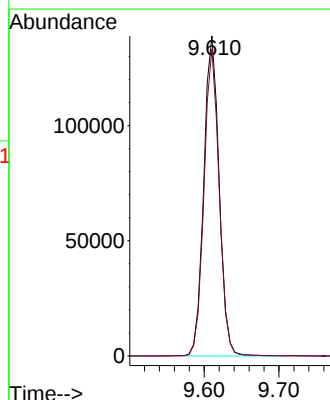
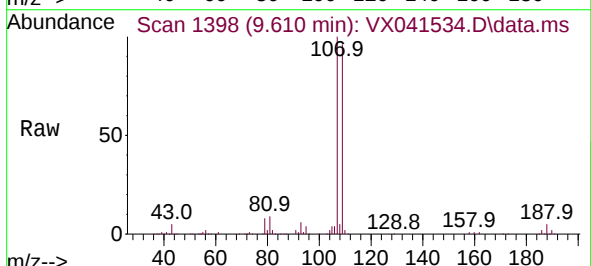
Acq: 15 May 2024 12:43

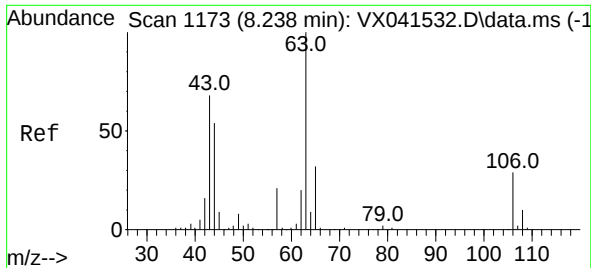
Tgt Ion:107 Resp: 197776

Ion Ratio Lower Upper

107 100

109 94.7 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 519.674 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

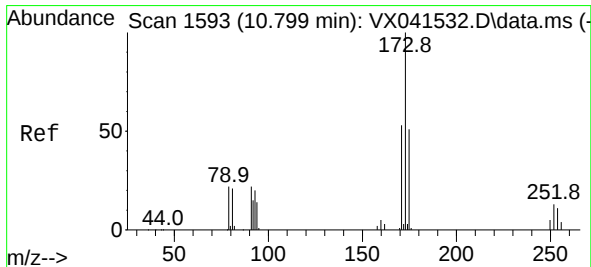
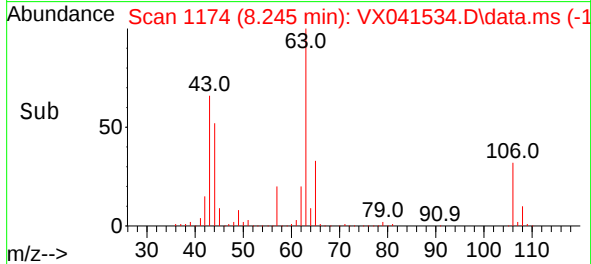
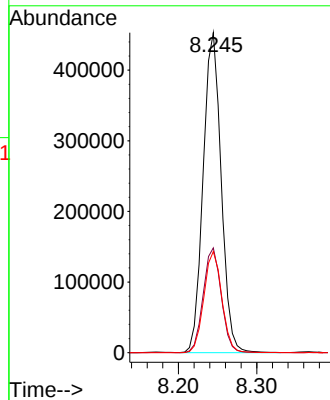
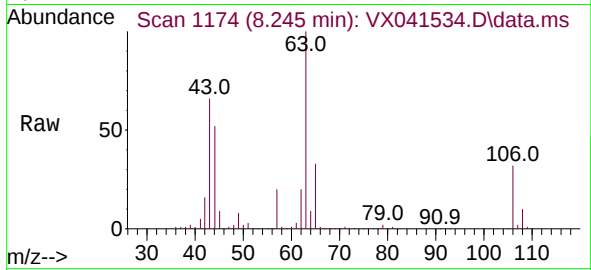
Tgt Ion: 63 Resp: 723638

Ion Ratio Lower Upper

63 100

65 32.7 25.5 38.3

106 31.5 24.7 37.1



#56

Bromoform

Concen: 116.505 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

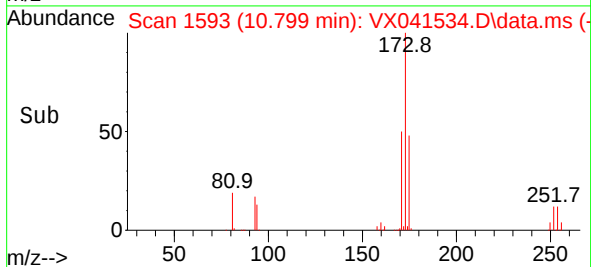
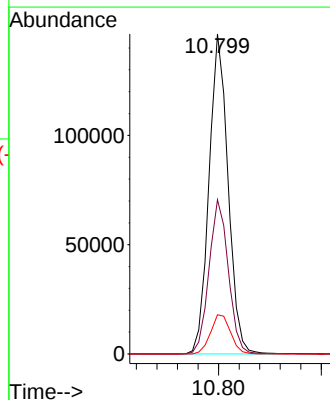
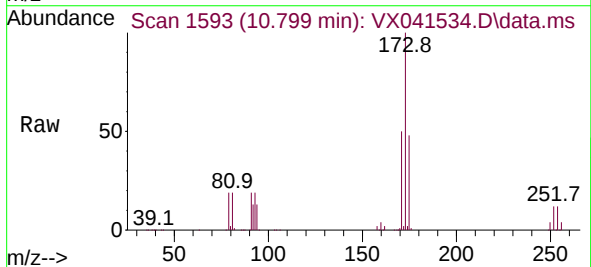
Tgt Ion:173 Resp: 188296

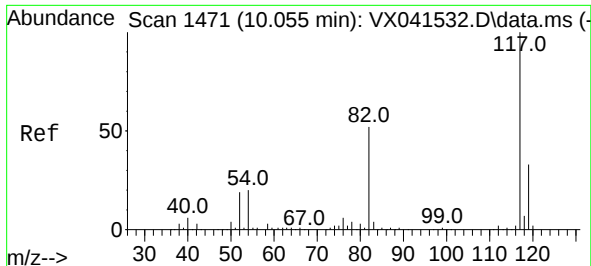
Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.6

254 12.9 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

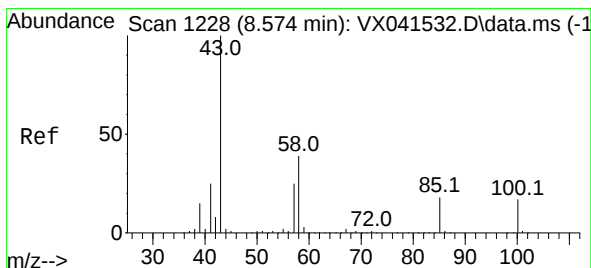
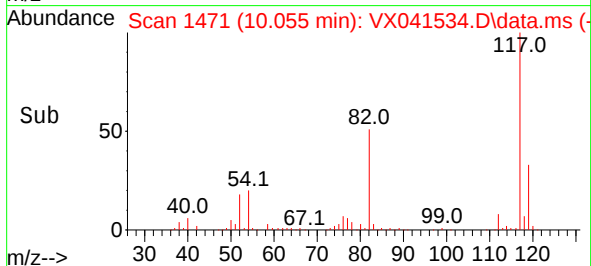
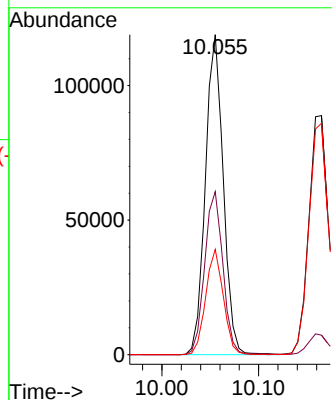
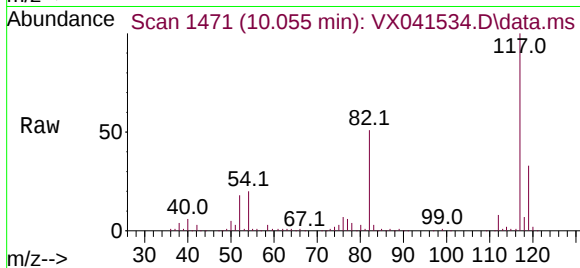
Tgt Ion:117 Resp: 152990

Ion Ratio Lower Upper

117 100

82 51.9 41.7 62.5

119 32.5 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 517.704 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

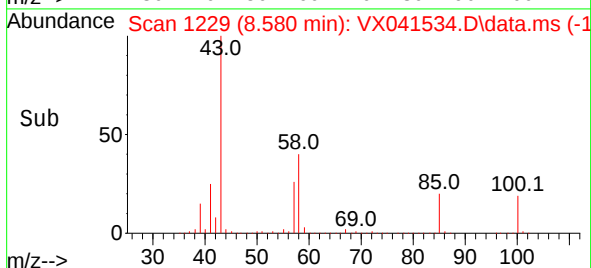
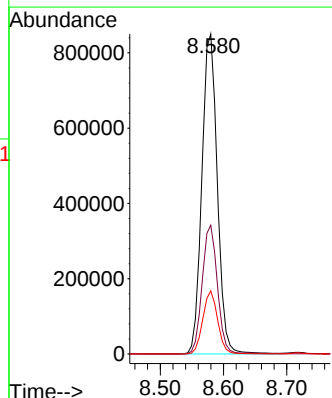
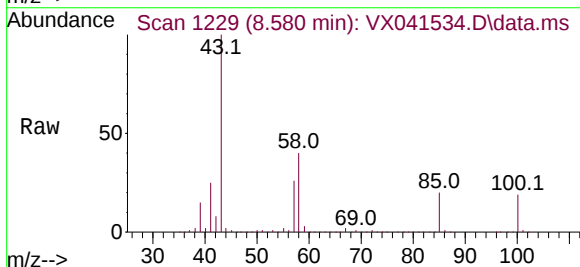
Tgt Ion: 43 Resp: 1447166

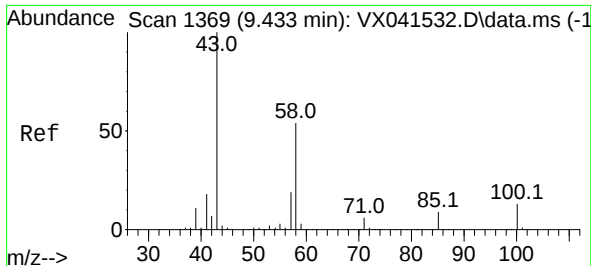
Ion Ratio Lower Upper

43 100

58 39.5 30.2 45.4

85 18.9 14.6 21.8





#59

2-Hexanone

Concen: 513.110 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

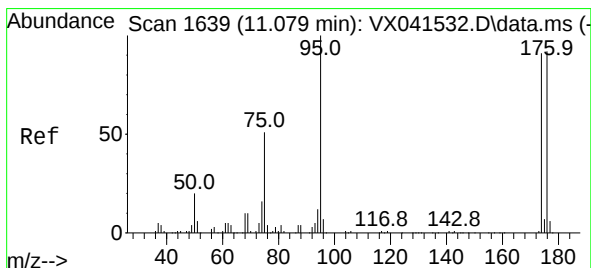
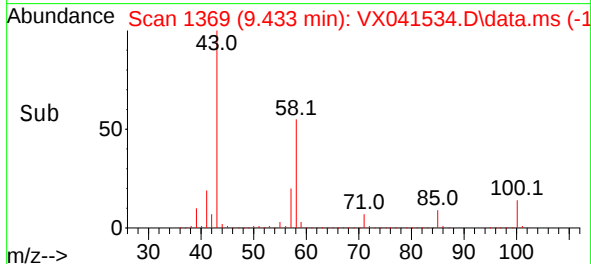
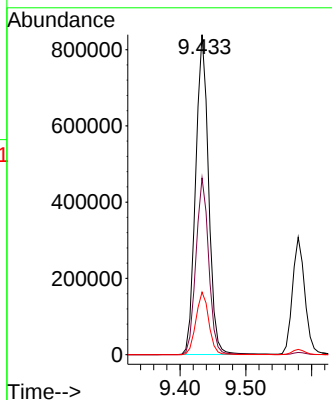
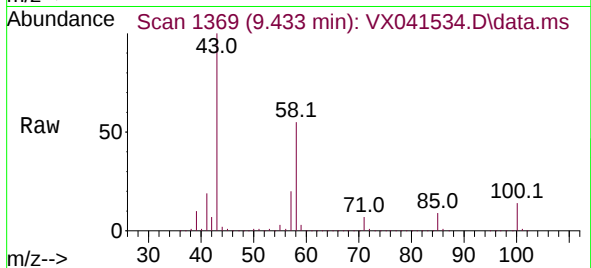
Tgt Ion: 43 Resp: 1142649

Ion Ratio Lower Upper

43 100

58 54.7 42.3 63.5

57 19.5 15.1 22.7



#60

4-Bromofluorobenzene

Concen: 30.941 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

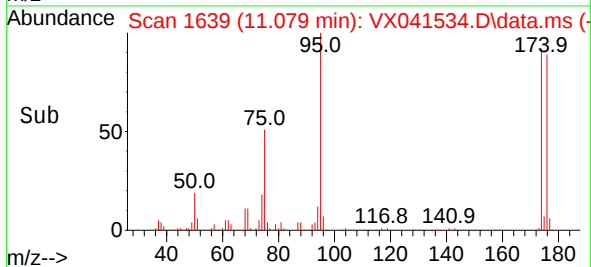
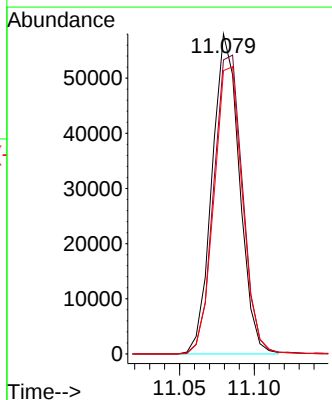
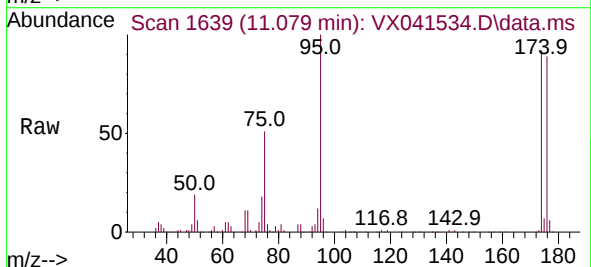
Tgt Ion: 95 Resp: 73897

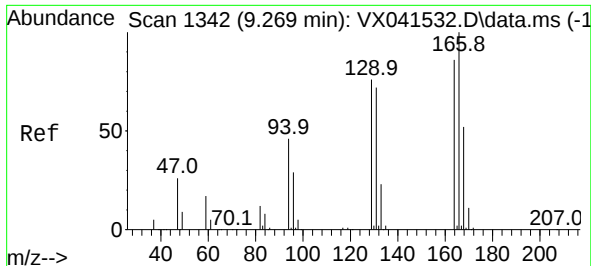
Ion Ratio Lower Upper

95 100

174 98.1 76.6 115.0

176 93.7 75.4 113.0

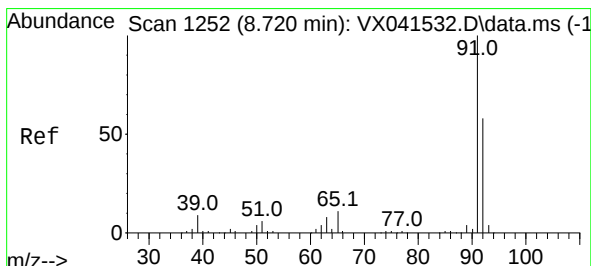
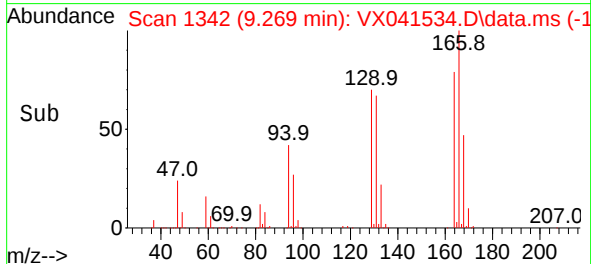
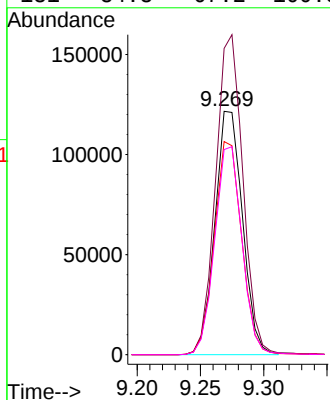
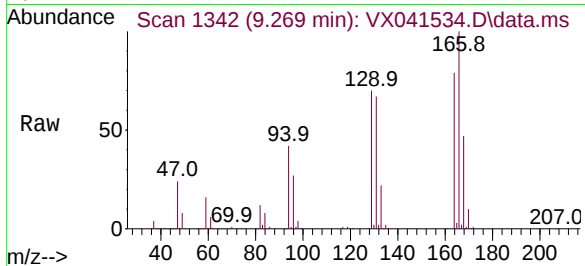




#61
Tetrachloroethene
Concen: 98.641 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

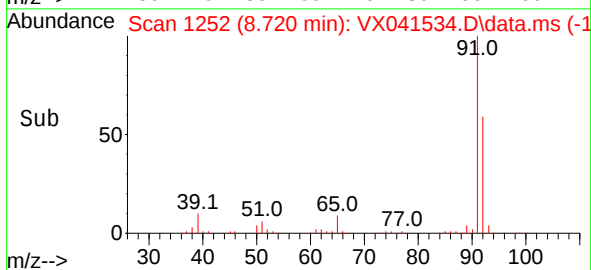
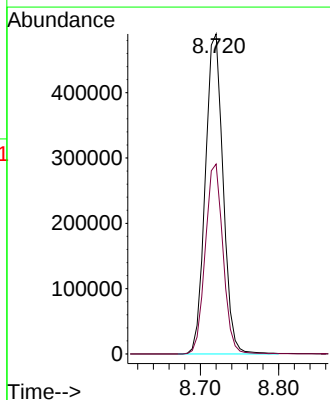
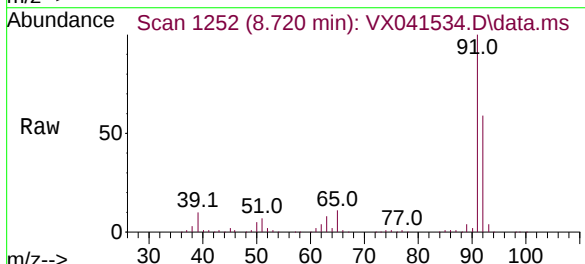
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

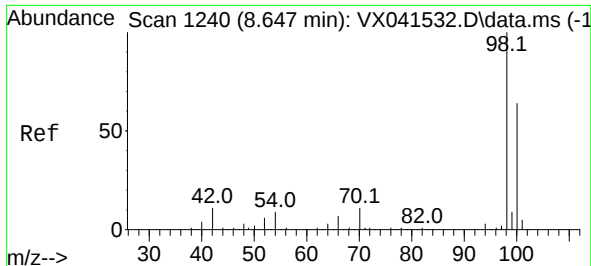
Tgt Ion:164 Resp: 184636
Ion Ratio Lower Upper
164 100
166 125.8 92.8 139.2
129 87.6 70.1 105.1
131 84.3 67.2 100.8



#62
Toluene
Concen: 101.232 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 91 Resp: 770638
Ion Ratio Lower Upper
91 100
92 59.3 47.0 70.6





#63

Toluene-d8

Concen: 29.764 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

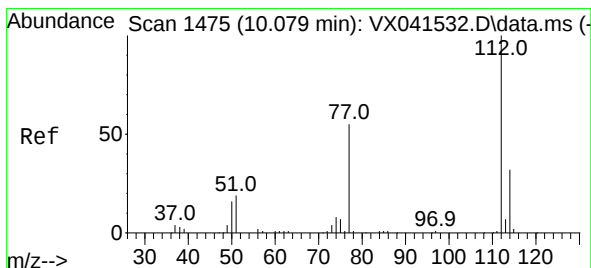
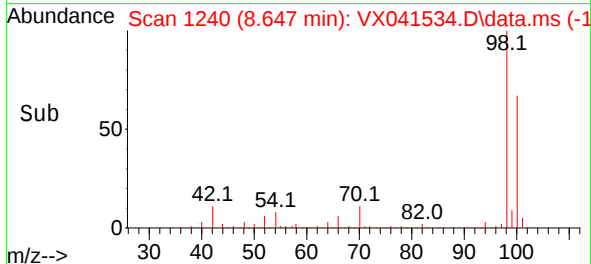
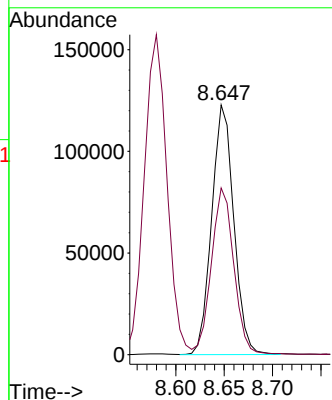
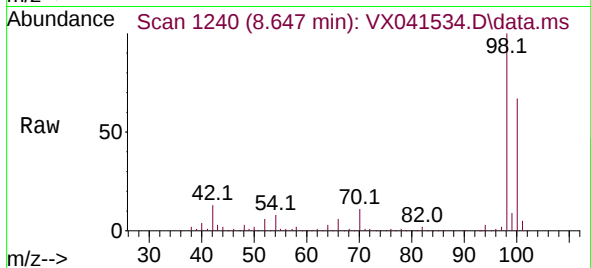
VSTDICC100

Tgt Ion: 98 Resp: 195197

Ion Ratio Lower Upper

98 100

100 67.7 53.1 79.7



#64

Chlorobenzene

Concen: 102.728 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041534.D

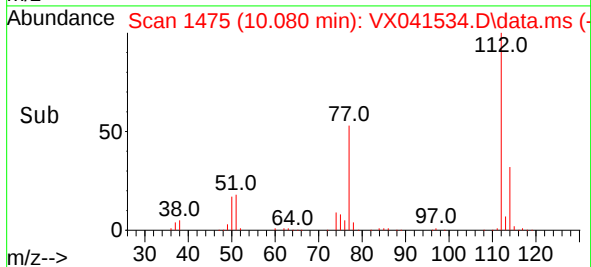
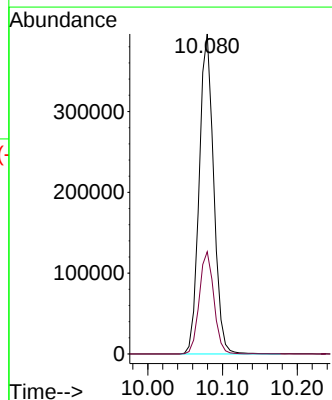
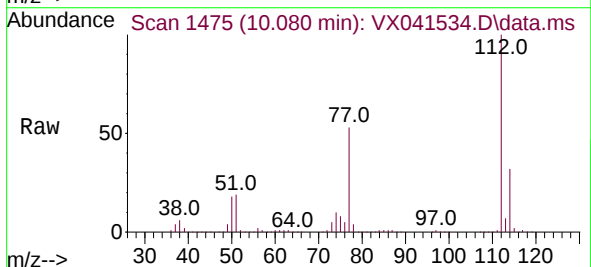
Acq: 15 May 2024 12:43

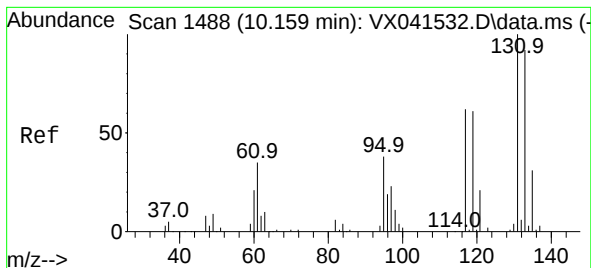
Tgt Ion: 112 Resp: 531186

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 106.385 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

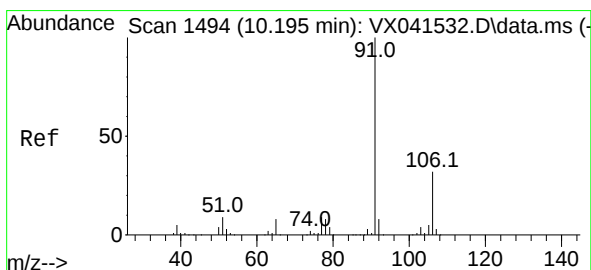
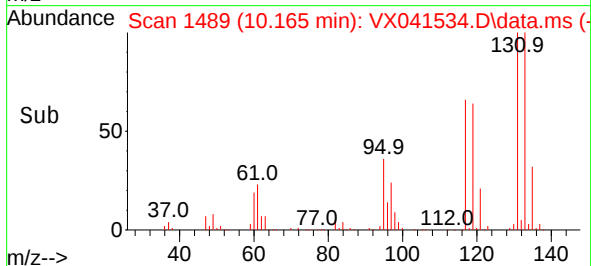
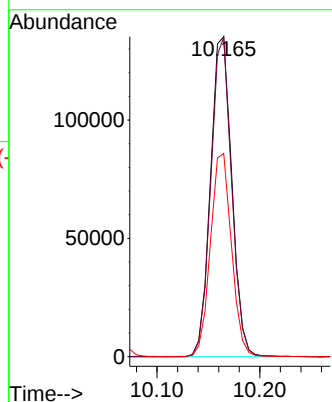
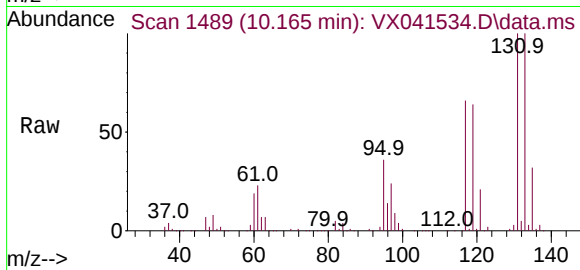
Tgt Ion:131 Resp: 194703

Ion Ratio Lower Upper

131 100

133 97.1 0.0 191.6

119 62.8 0.0 126.4



#66

Ethyl Benzene

Concen: 103.008 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041534.D

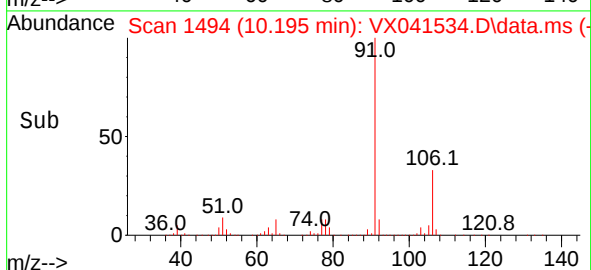
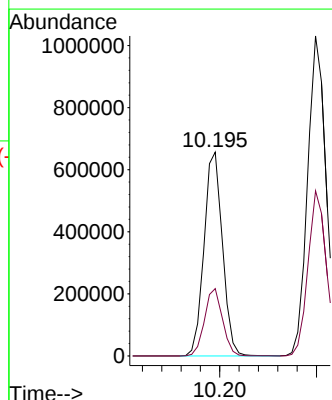
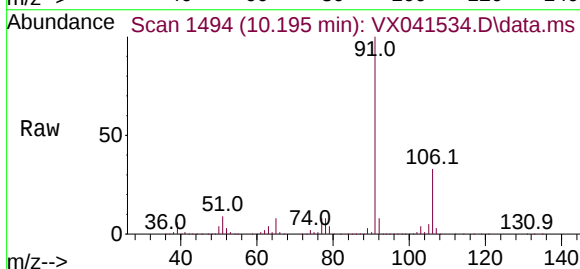
Acq: 15 May 2024 12:43

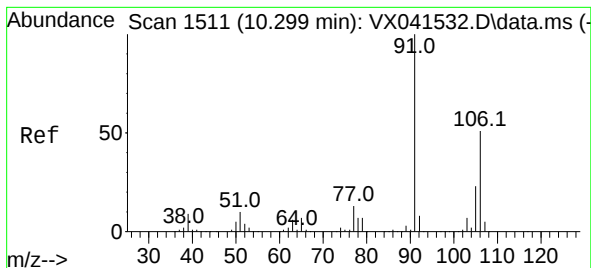
Tgt Ion: 91 Resp: 870750

Ion Ratio Lower Upper

91 100

106 33.0 25.9 38.9

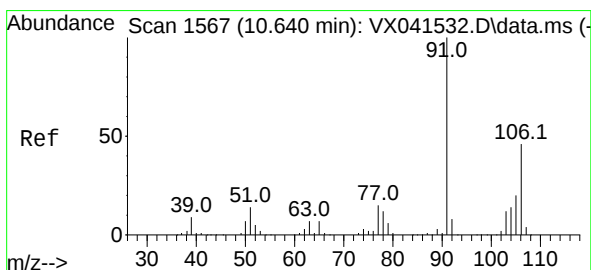
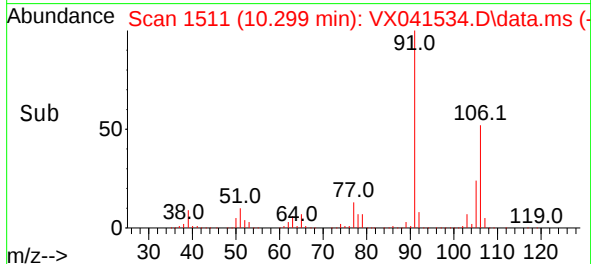
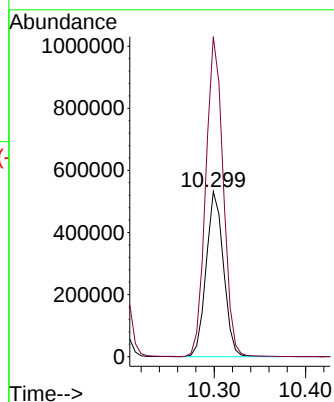
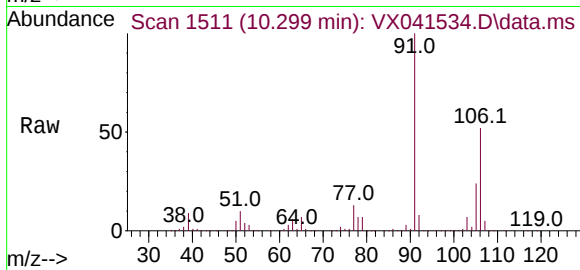




#67
m/p-Xylenes
Concen: 210.954 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

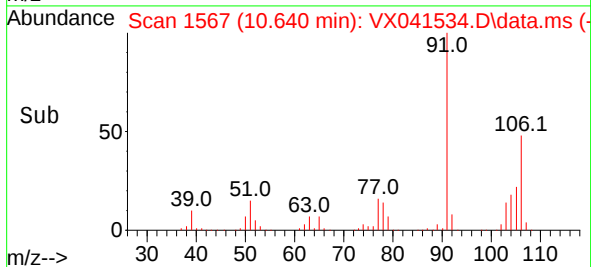
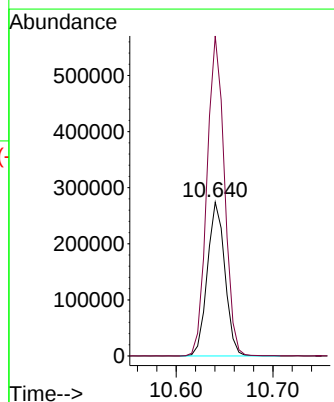
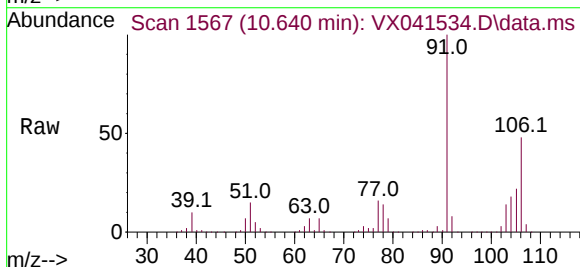
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

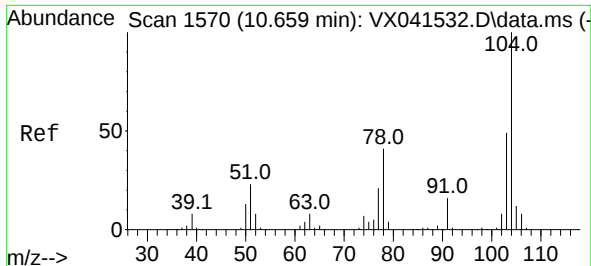
Tgt Ion:106 Resp: 697312
Ion Ratio Lower Upper
106 100
91 195.1 156.5 234.7



#68
o-Xylene
Concen: 104.074 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion:106 Resp: 346291
Ion Ratio Lower Upper
106 100
91 207.0 105.2 315.6





#69

Styrene

Concen: 106.667 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

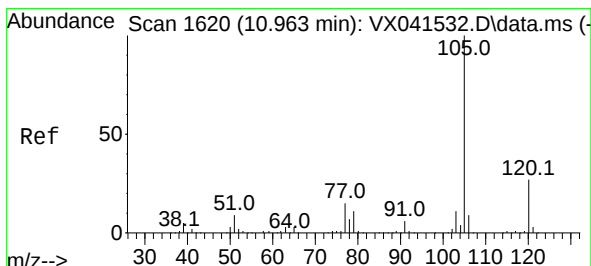
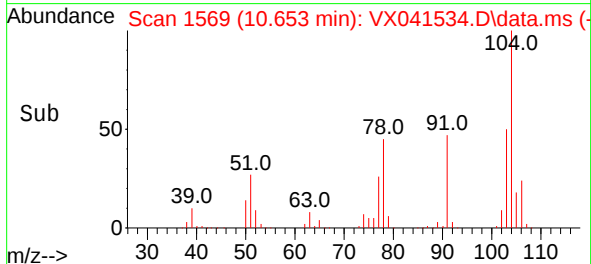
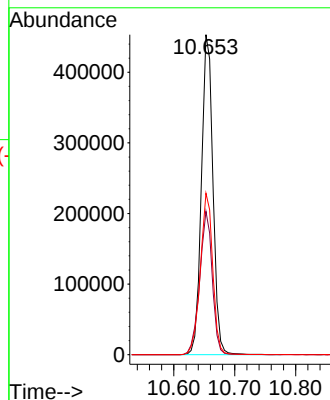
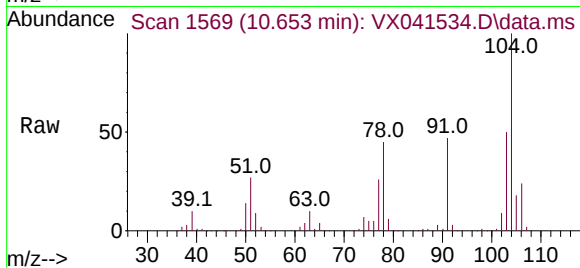
Tgt Ion:104 Resp: 595088

Ion Ratio Lower Upper

104 100

78 48.6 39.3 58.9

103 54.3 43.2 64.8



#70

Isopropylbenzene

Concen: 104.843 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041534.D

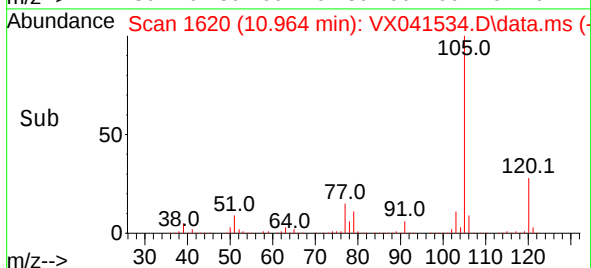
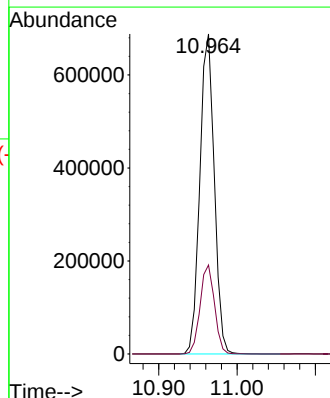
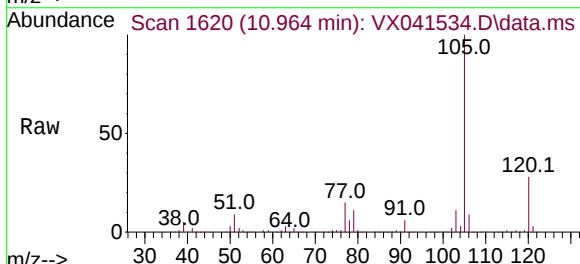
Acq: 15 May 2024 12:43

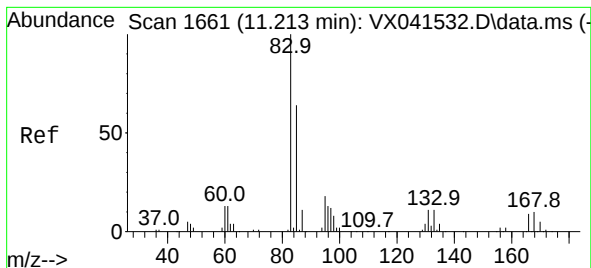
Tgt Ion:105 Resp: 881501

Ion Ratio Lower Upper

105 100

120 27.7 18.8 34.8

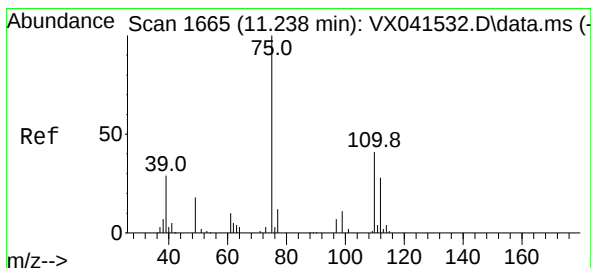
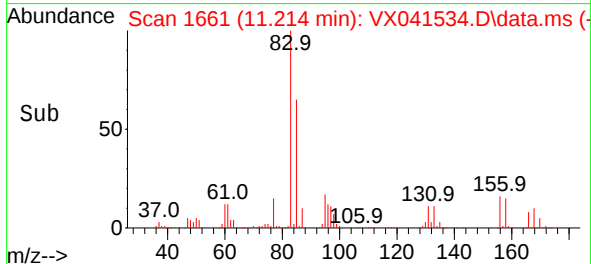
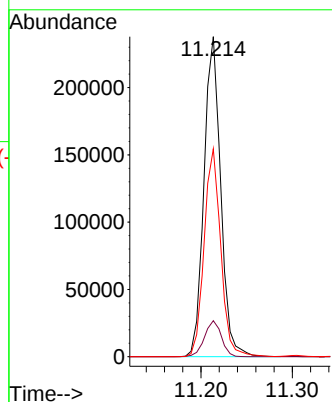
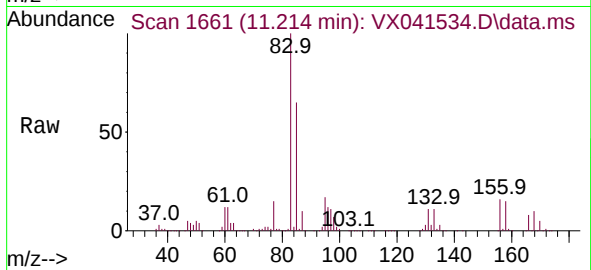




#71
 1,1,2,2-Tetrachloroethane
 Concen: 104.459 ug/l
 RT: 11.214 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX041534.D
 Acq: 15 May 2024 12:43

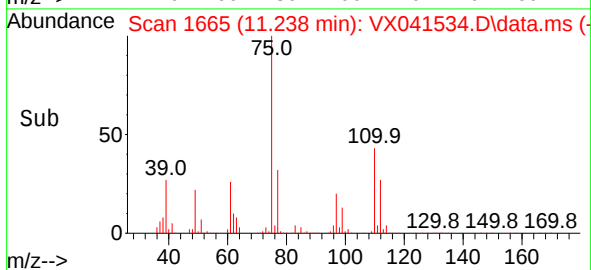
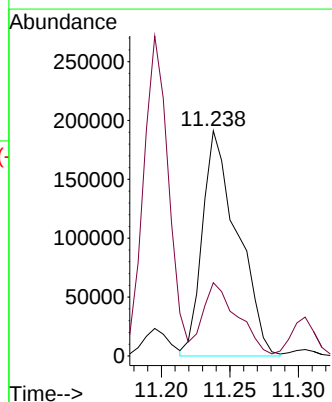
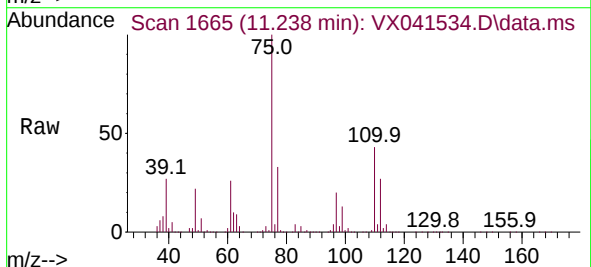
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

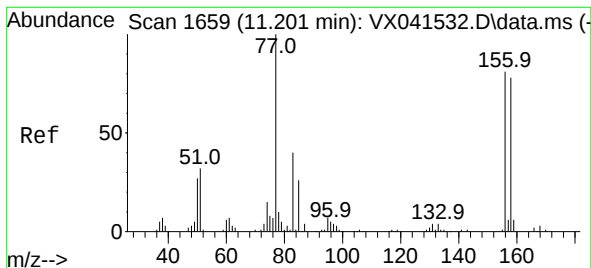
Tgt Ion: 83 Resp: 301710
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.7 17.0
 85 64.6 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 133.861 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX041534.D
 Acq: 15 May 2024 12:43

Tgt Ion: 75 Resp: 341097
 Ion Ratio Lower Upper
 75 100
 77 32.1 0.0 78.8





#73

Bromobenzene

Concen: 104.121 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

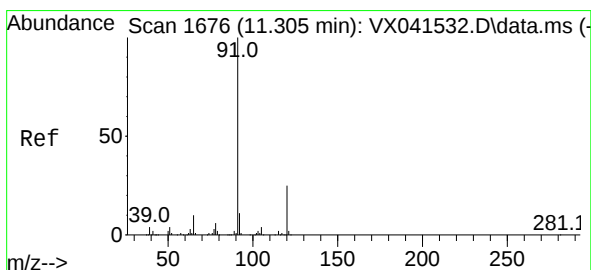
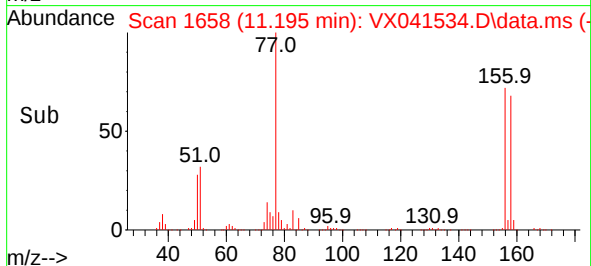
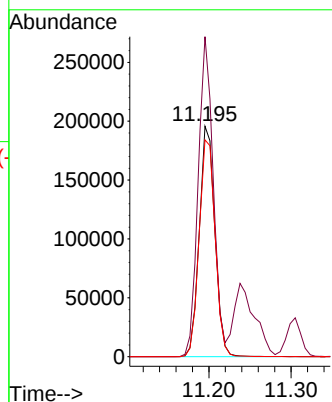
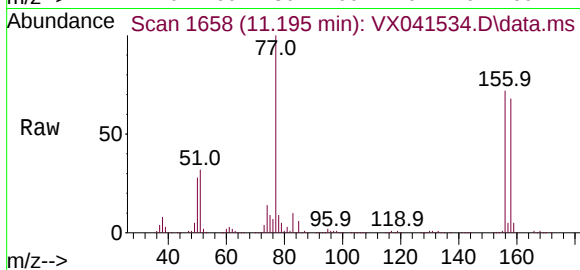
Tgt Ion:156 Resp: 257228

Ion Ratio Lower Upper

156 100

77 134.0 0.0 267.4

158 96.9 0.0 192.8



#74

n-propylbenzene

Concen: 105.431 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041534.D

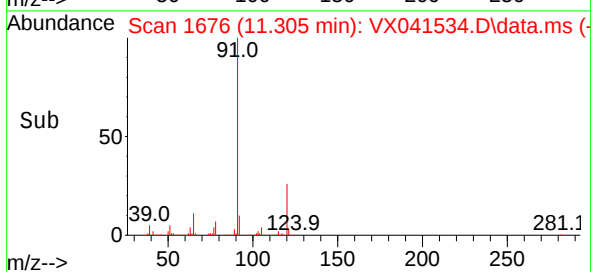
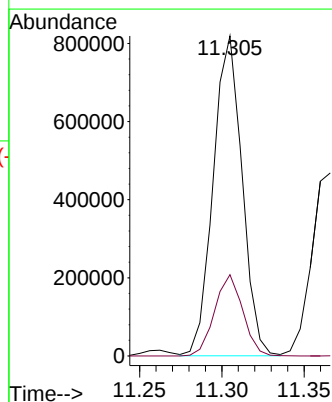
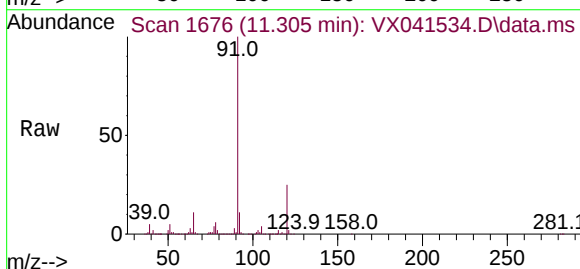
Acq: 15 May 2024 12:43

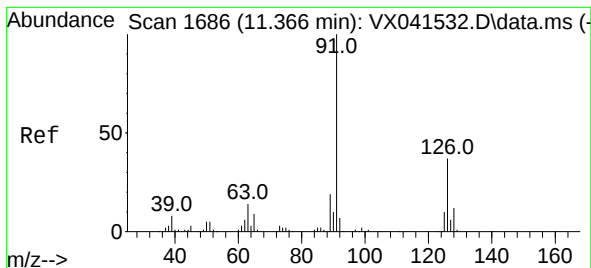
Tgt Ion: 91 Resp: 999556

Ion Ratio Lower Upper

91 100

120 24.7 0.0 48.4

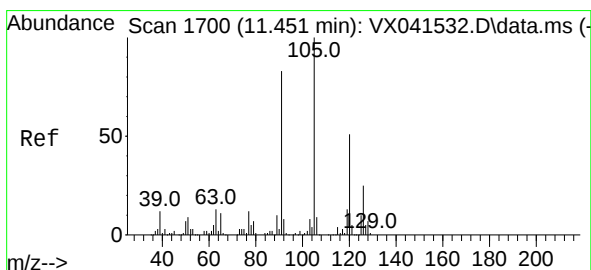
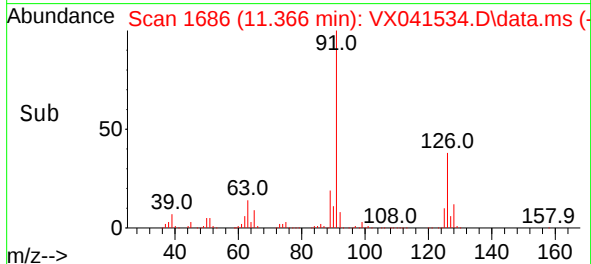
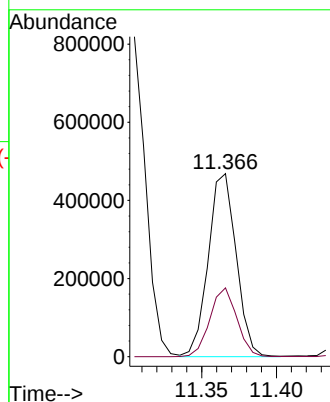
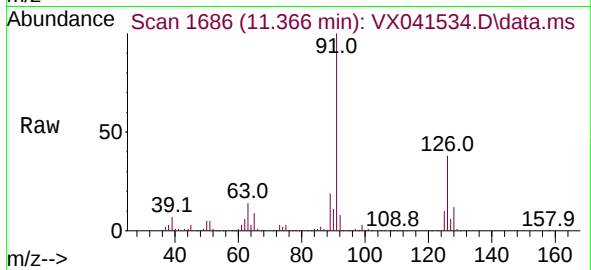




#75
2-Chlorotoluene
Concen: 102.194 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

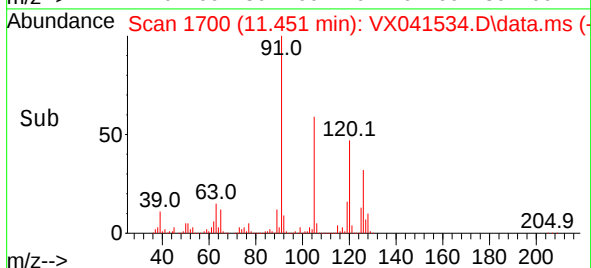
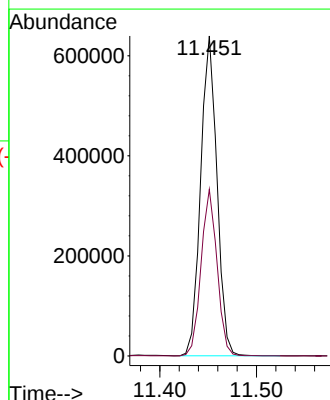
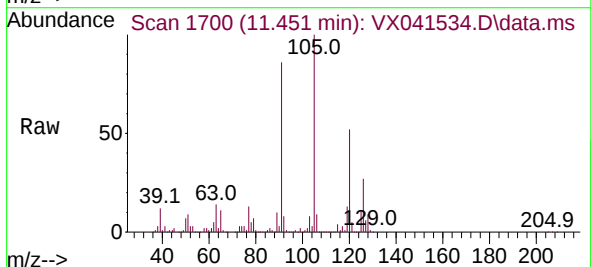
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

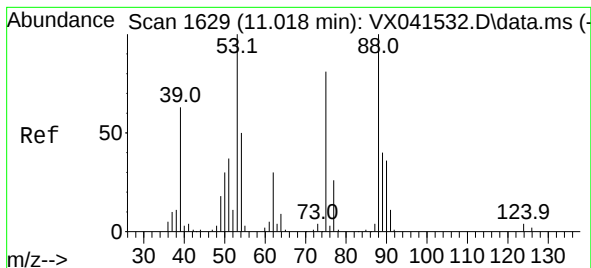
Tgt Ion: 91 Resp: 608411
Ion Ratio Lower Upper
91 100
126 36.3 0.0 71.6



#76
1,3,5-Trimethylbenzene
Concen: 104.609 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 105 Resp: 750725
Ion Ratio Lower Upper
105 100
120 50.9 0.0 102.6

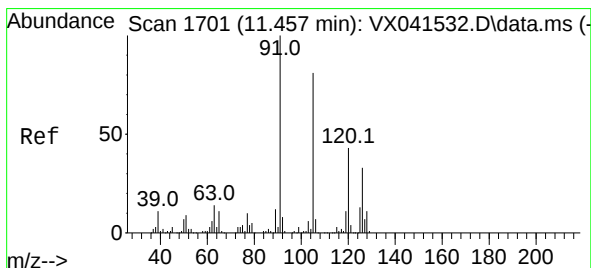
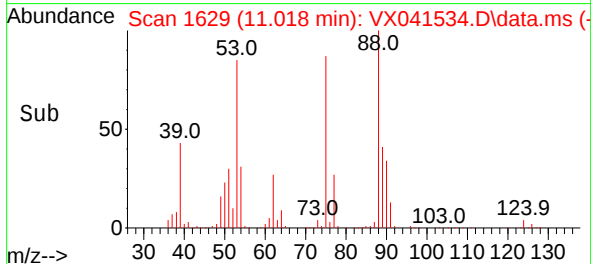
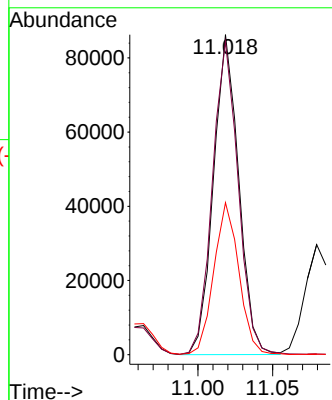
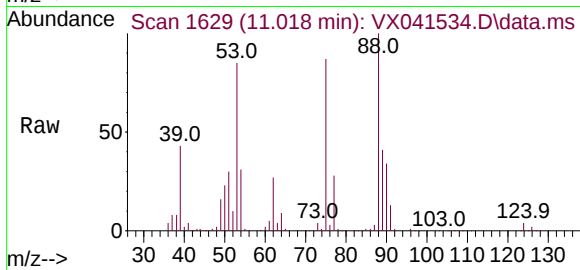




#77
t-1,4-Dichloro-2-butene
Concen: 123.638 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

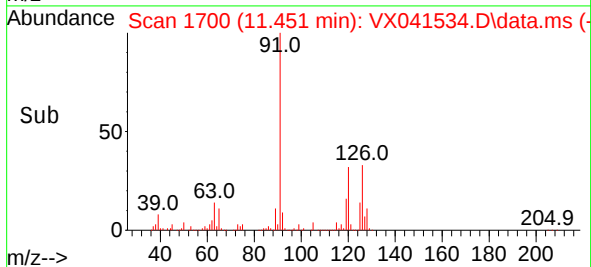
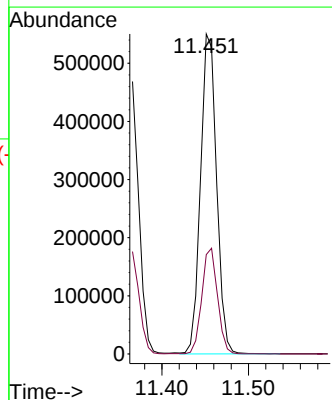
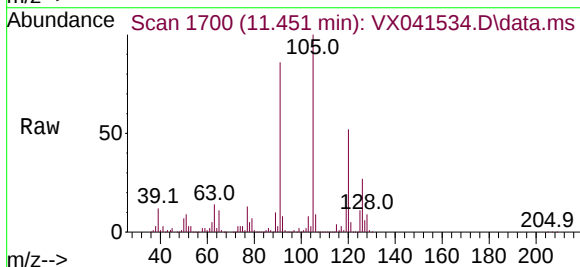
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

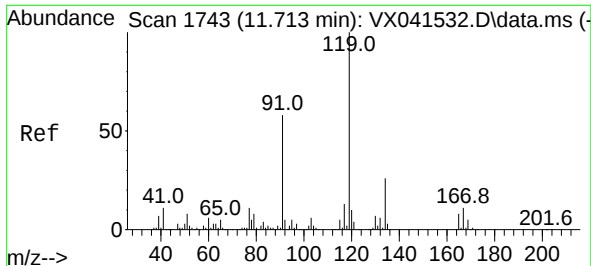
Tgt Ion: 75 Resp: 101224
Ion Ratio Lower Upper
75 100
53 97.8 61.8 185.3
89 47.4 24.9 74.7



#78
4-Chlorotoluene
Concen: 104.418 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041534.D
Acq: 15 May 2024 12:43

Tgt Ion: 91 Resp: 708044
Ion Ratio Lower Upper
91 100
126 32.2 0.0 62.2





#79

tert-butylbenzene

Concen: 105.670 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

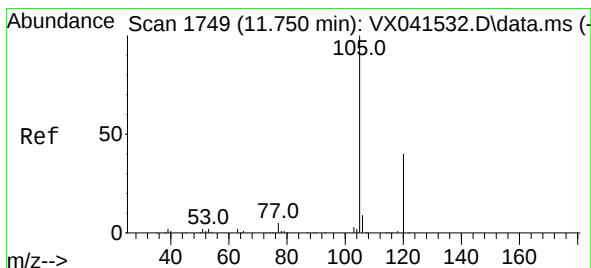
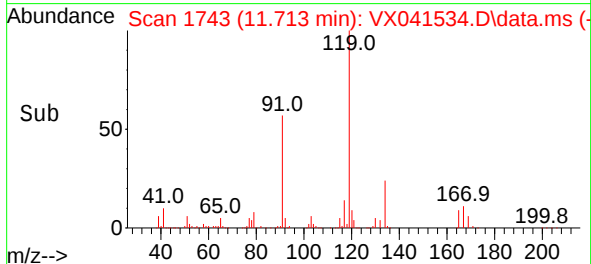
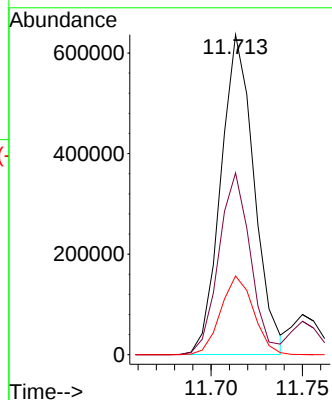
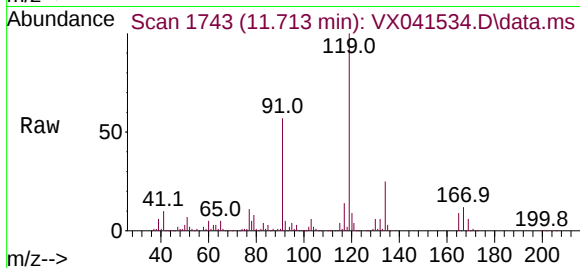
Tgt Ion:119 Resp: 807113

Ion Ratio Lower Upper

119 100

91 54.4 0.0 110.0

134 24.3 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 104.867 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041534.D

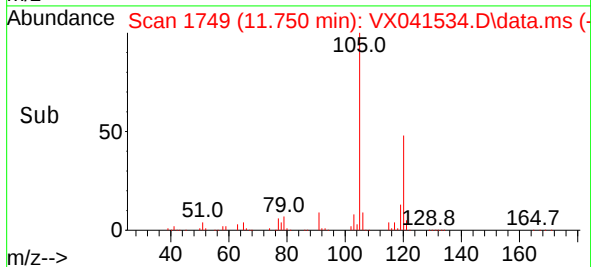
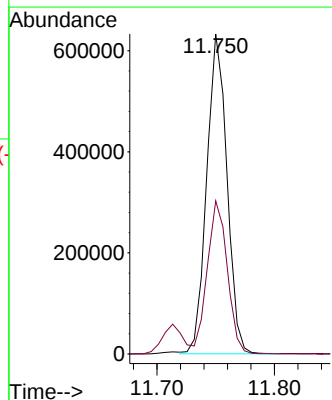
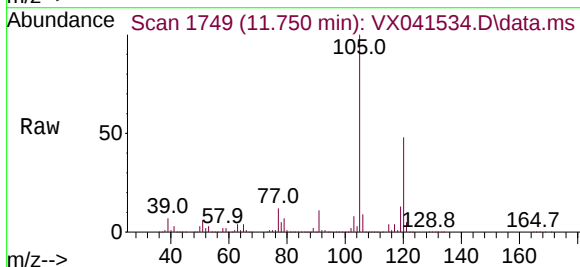
Acq: 15 May 2024 12:43

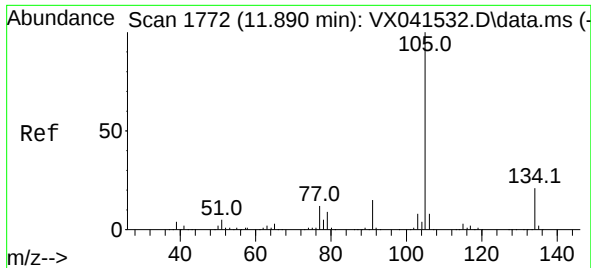
Tgt Ion:105 Resp: 754320

Ion Ratio Lower Upper

105 100

120 47.2 0.0 92.2

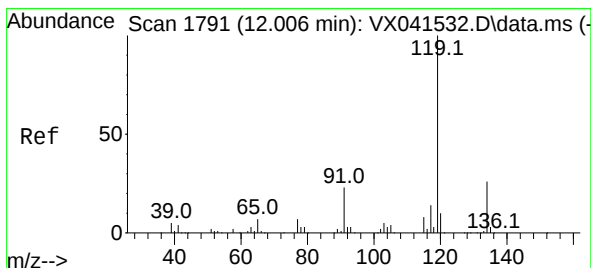
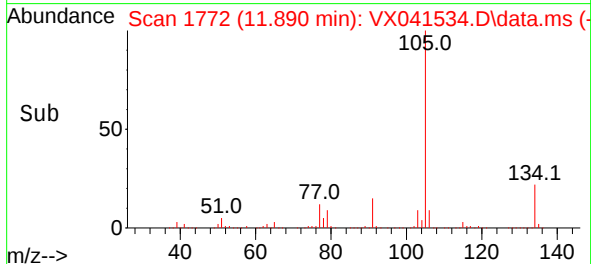
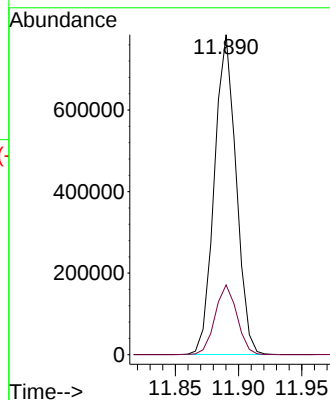
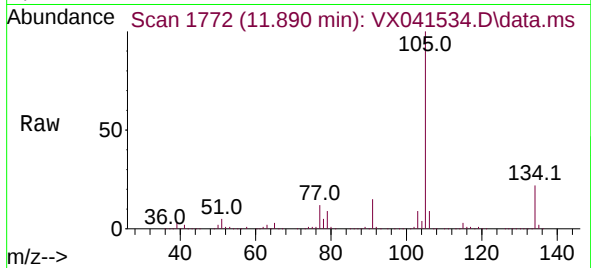




#81
 sec-Butylbenzene
 Concen: 105.014 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041534.D
 Acq: 15 May 2024 12:43

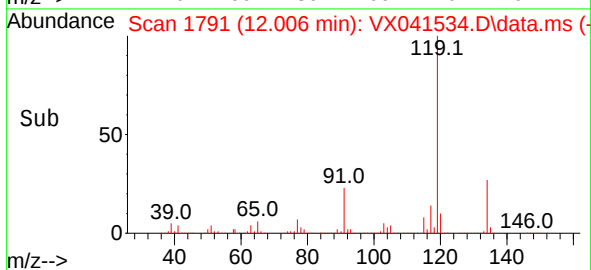
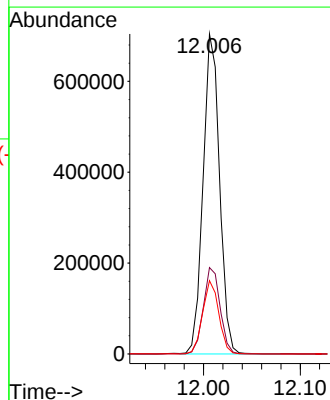
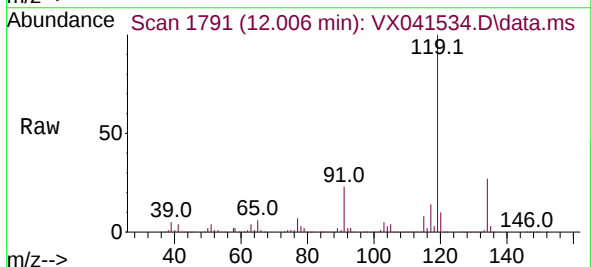
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

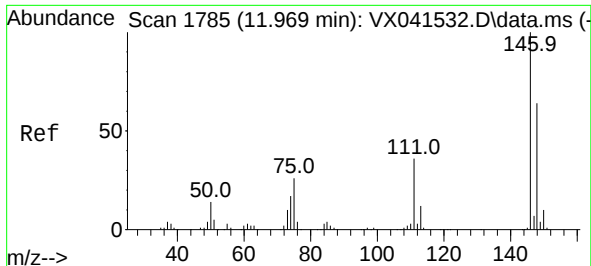
Tgt Ion:105 Resp: 937273
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 43.4



#82
 p-Isopropyltoluene
 Concen: 107.045 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041534.D
 Acq: 15 May 2024 12:43

Tgt Ion:119 Resp: 836333
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.4
 91 22.5 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 106.409 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

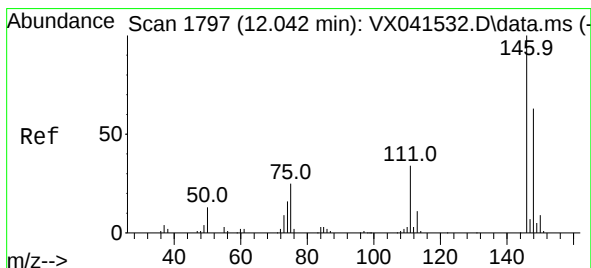
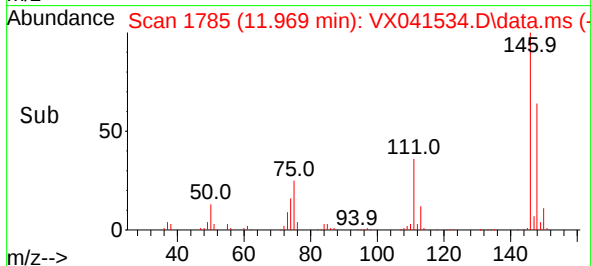
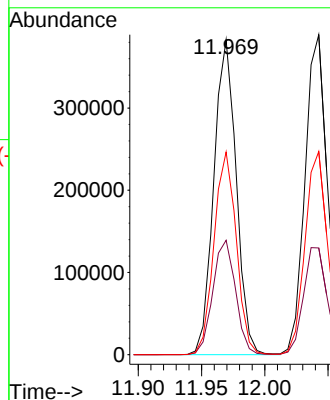
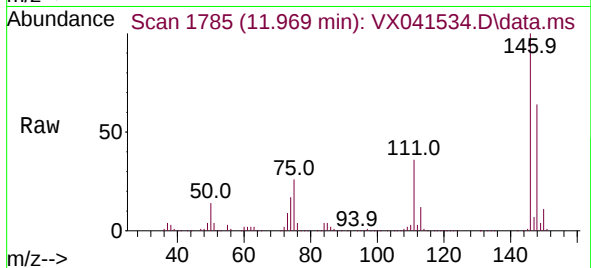
Tgt Ion:146 Resp: 471461

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.2

148 63.8 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 106.287 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

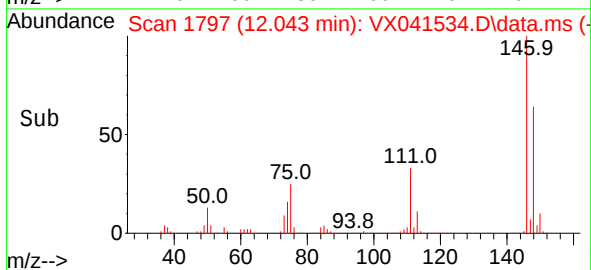
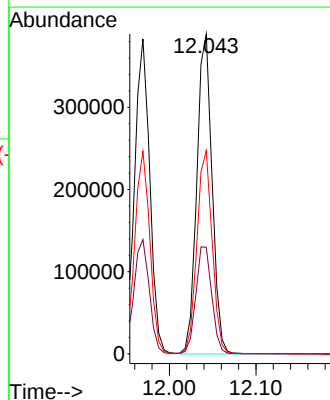
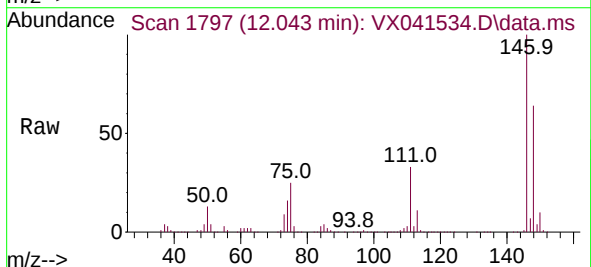
Tgt Ion:146 Resp: 475838

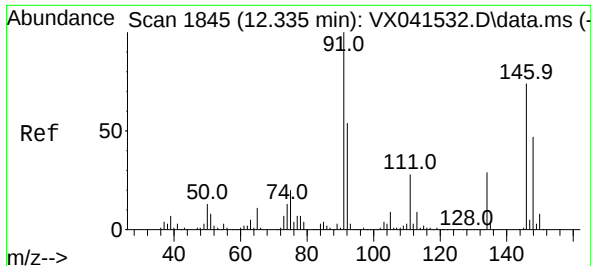
Ion Ratio Lower Upper

146 100

111 35.0 17.8 53.5

148 63.5 31.9 95.5





#85

n-Butylbenzene

Concen: 110.625 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

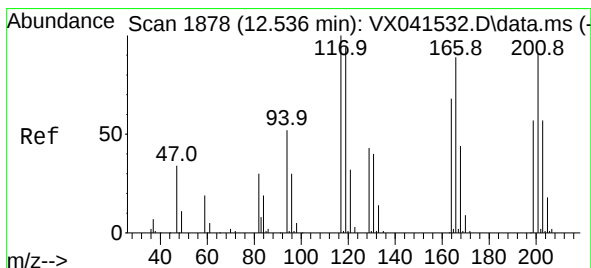
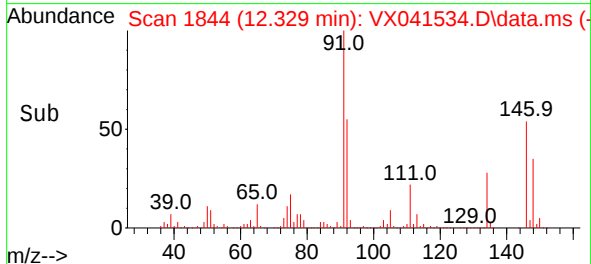
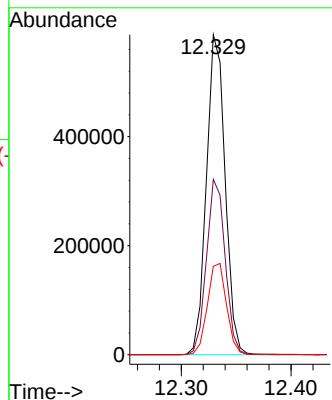
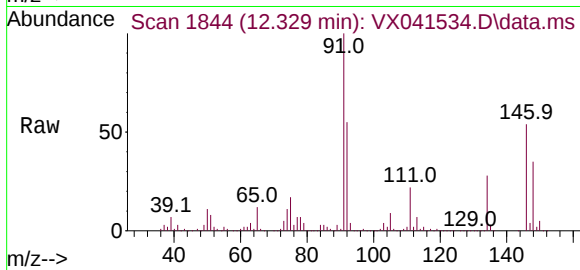
Tgt Ion: 91 Resp: 695497

Ion Ratio Lower Upper

91 100

92 54.8 0.0 108.4

134 29.1 0.0 56.6



#86

Hexachloroethane

Concen: 110.814 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041534.D

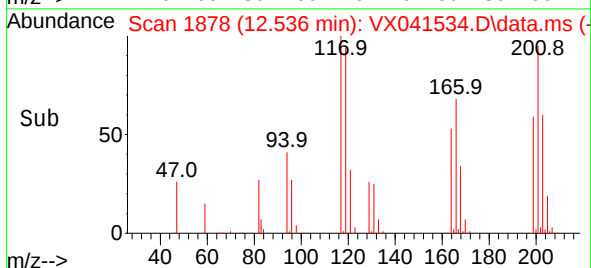
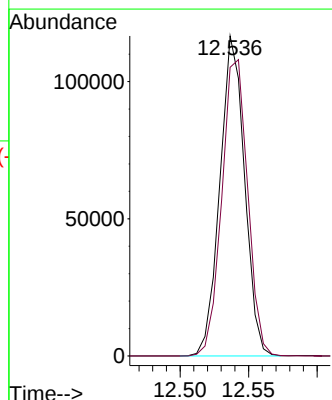
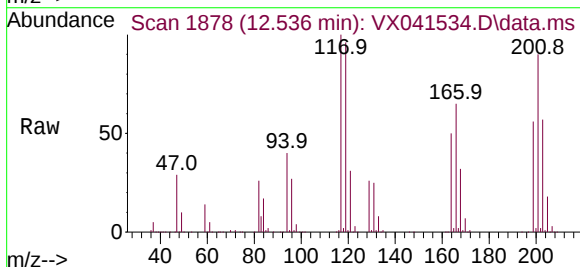
Acq: 15 May 2024 12:43

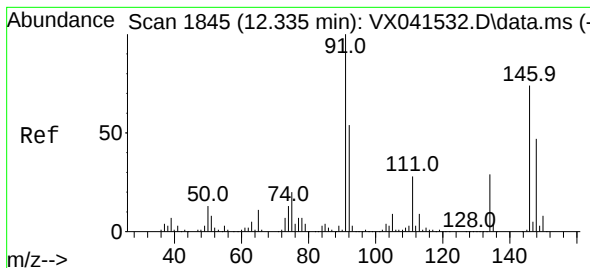
Tgt Ion:117 Resp: 145788

Ion Ratio Lower Upper

117 100

201 97.3 47.3 141.8





#87

1,2-Dichlorobenzene

Concen: 105.444 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

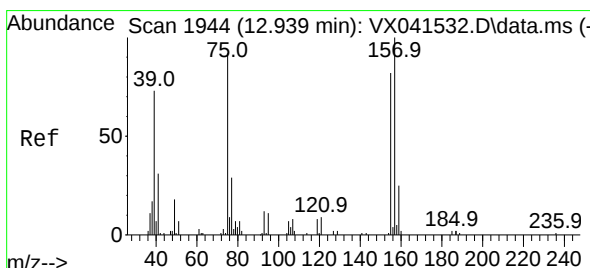
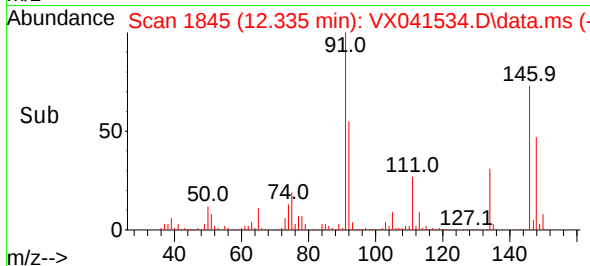
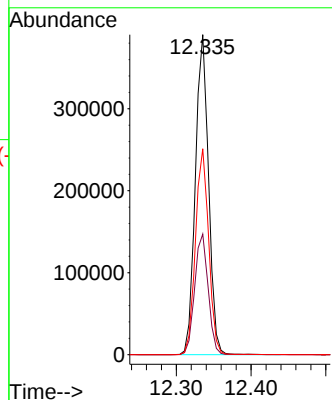
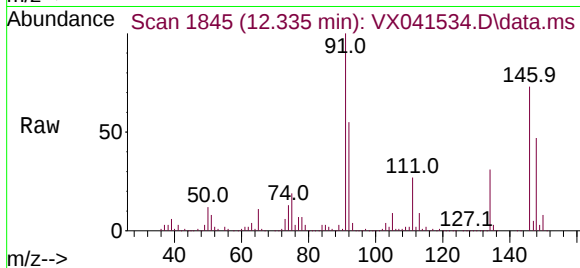
Tgt Ion:146 Resp: 476849

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

148 64.5 31.8 95.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 111.415 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

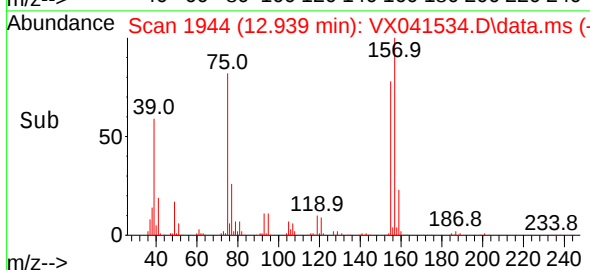
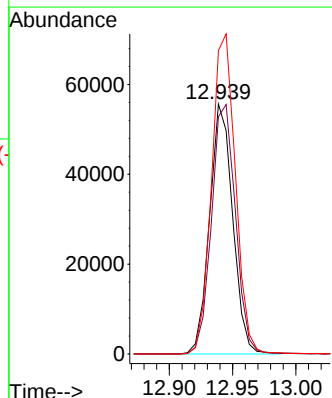
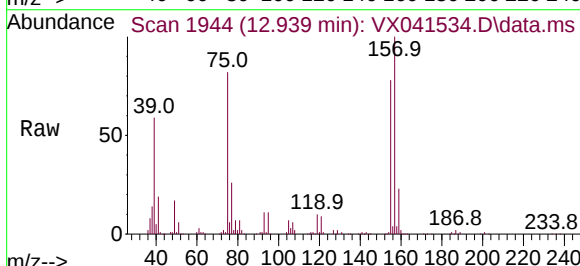
Tgt Ion: 75 Resp: 70672

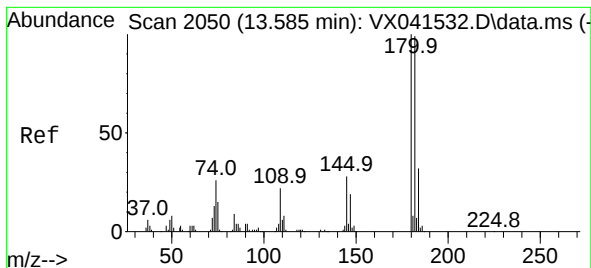
Ion Ratio Lower Upper

75 100

155 103.4 80.4 120.6

157 131.9 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 112.979 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

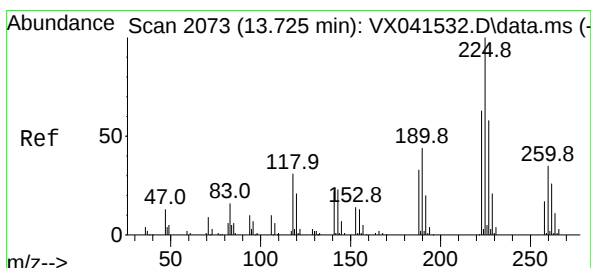
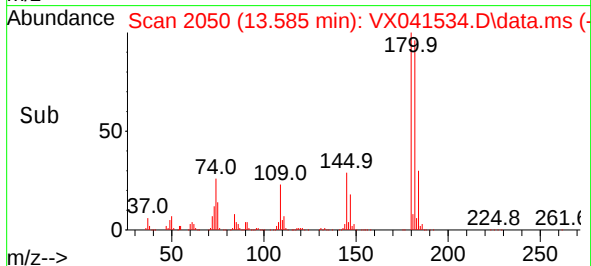
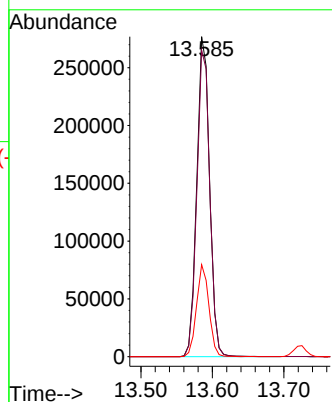
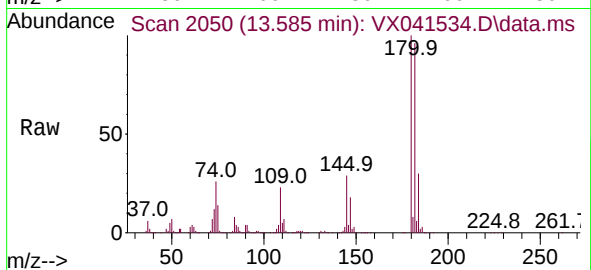
Tgt Ion:180 Resp: 343296

Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.4

145 27.8 22.7 34.1



#90

Hexachlorobutadiene

Concen: 108.207 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

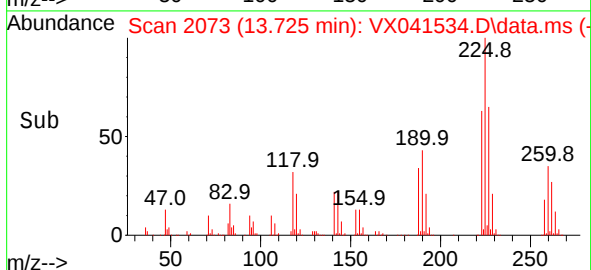
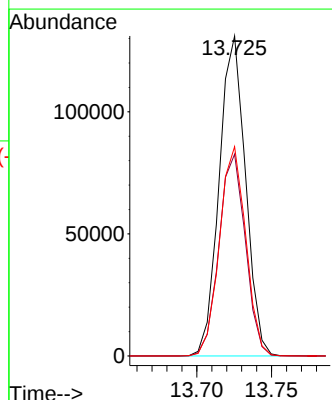
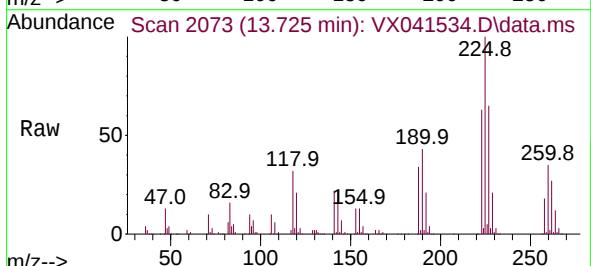
Tgt Ion:225 Resp: 160409

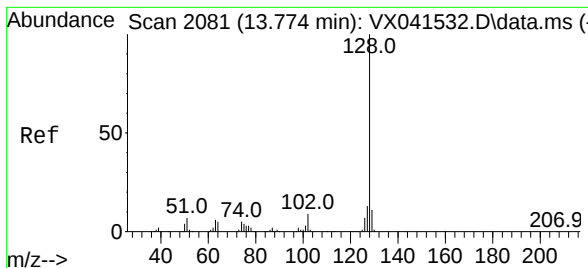
Ion Ratio Lower Upper

225 100

223 63.3 0.0 125.8

227 64.9 0.0 125.6





#91

Naphthalene

Concen: 112.902 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

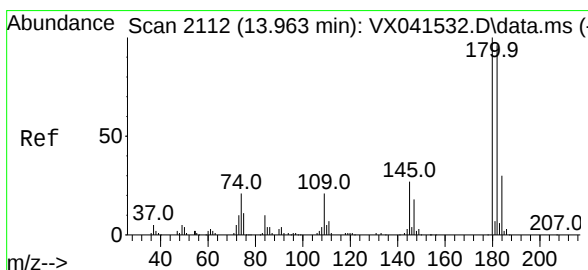
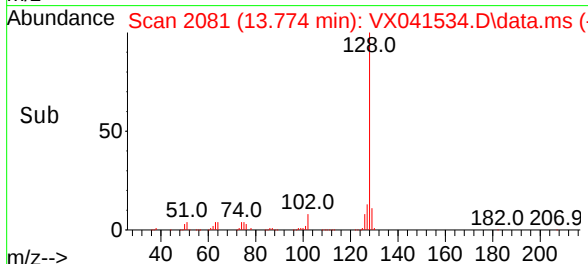
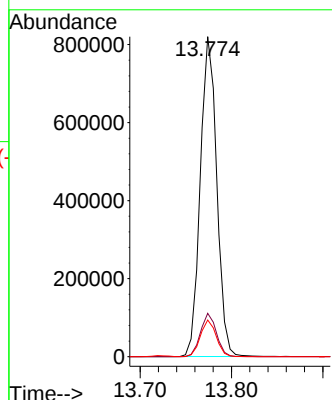
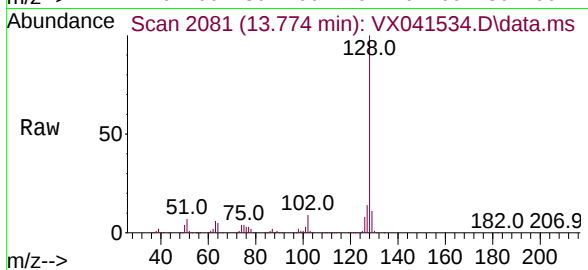
Tgt Ion:128 Resp: 1025355

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.1 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 112.115 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041534.D

Acq: 15 May 2024 12:43

Tgt Ion:180 Resp: 348061

Ion Ratio Lower Upper

180 100

182 96.4 0.0 191.0

145 29.8 0.0 58.6

