

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041538.D
 Acq On : 15 May 2024 14:33
 Operator : JC/MD
 Sample : VX0515WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Quant Time: May 16 05:25:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	34154	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	187783	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	176117	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	77171	28.692	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.633%
60) 4-Bromofluorobenzene	11.079	95	83006	30.192	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.633%
63) Toluene-d8	8.647	98	221819	29.382	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32784	18.352	ug/l	98
3) Chloromethane	1.294	50	33973	17.367	ug/l	99
4) Vinyl Chloride	1.374	62	35102	17.043	ug/l	98
5) Bromomethane	1.599	94	21303	16.262	ug/l	93
6) Chloroethane	1.666	64	18618	17.880	ug/l	96
7) Trichlorofluoromethane	1.874	101	53320	17.056	ug/l	99
8) Diethyl Ether	2.136	74	19708	16.881	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	34481	19.020	ug/l	98
10) 1,1-Dichloroethene	2.312	96	32851	18.800	ug/l	98
11) Methyl Iodide	2.447	142	34150	16.408	ug/l	98
12) Methyl Acetate	2.703	43	46907	17.824	ug/l	97
13) Acrolein	2.239	56	23236	72.525	ug/l	97
14) Acrylonitrile	3.068	53	102193	88.321	ug/l	100
15) Acetone	2.386	58	30949	99.831	ug/l	97
16) Carbon Disulfide	2.501	76	72389	18.348	ug/l	99
17) Allyl chloride	2.660	41	55859	18.013	ug/l	96
18) Methylene Chloride	2.782	84	36308	17.470	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	33370	16.654	ug/l	97
20) Diisopropyl ether	3.757	45	112199	17.221	ug/l	97
21) 1,1-Dichloroethane	3.605	63	62019	16.960	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	41677	17.117	ug/l	96
23) tert-Butyl Alcohol	2.995	59	47120	95.963	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	112313	17.216	ug/l	100
25) Chloroform	5.092	83	66661	17.112	ug/l	99
26) Cyclohexane	5.458	56	52799	17.315	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	44725	18.005	ug/l	99
30) 2-Butanone	4.562	43	154262	93.561	ug/l	100
31) 2,2-Dichloropropane	4.465	77	53180	18.242	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	58930	17.681	ug/l	99
33) Carbon Tetrachloride	5.672	117	50893	17.846	ug/l	97
34) Benzene	6.031	78	138712	17.682	ug/l	97
35) Methacrylonitrile	4.922	41	30275	18.203	ug/l	95
36) 1,2-Dichloroethane	6.080	62	52024	17.771	ug/l	99
37) Trichloroethene	7.123	130	38772	17.738	ug/l	99
38) Methylcyclohexane	7.373	83	58470	18.538	ug/l	99
39) 1,2-Dichloropropane	7.427	63	32902	17.742	ug/l	99
40) Dibromomethane	7.580	93	25325	17.352	ug/l	98
41) Bromodichloromethane	7.818	83	47209	17.229	ug/l	100
42) Vinyl Acetate	3.721	43	511544	89.423	ug/l	100

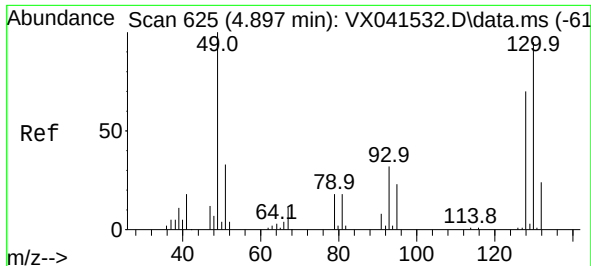
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	55225	17.359	ug/l	99
44) Isopropyl Acetate	6.336	43	84914	17.657	ug/l	100
45) 1,4-Dioxane	7.665	88	19590	361.213	ug/l	94
46) Methyl methacrylate	7.696	41	42994	17.969	ug/l	96
47) n-amyl Acetate	10.841	43	76060	17.441	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	47651	17.317	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	50923	17.086	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	36017	17.739	ug/l	95
51) Ethyl methacrylate	9.116	69	57031	17.451	ug/l	95
52) 1,3-Dichloropropane	9.305	76	58175	17.340	ug/l	99
53) Dibromochloromethane	9.518	129	39554	17.122	ug/l	99
54) 1,2-Dibromoethane	9.610	107	38478	17.872	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	118376	74.210	ug/l	100
56) Bromoform	10.799	173	31581	17.063	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	291763	90.668	ug/l	98
59) 2-Hexanone	9.433	43	235923	92.030	ug/l	100
61) Tetrachloroethene	9.269	164	38749	17.983	ug/l	97
62) Toluene	8.714	91	154409	17.620	ug/l	100
64) Chlorobenzene	10.079	112	105960	17.801	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	36417	17.285	ug/l	99
66) Ethyl Benzene	10.195	91	170563	17.528	ug/l	100
67) m/p-Xylenes	10.299	106	137188	36.053	ug/l	98
68) o-Xylene	10.640	106	67790	17.698	ug/l	99
69) Styrene	10.652	104	112358	17.495	ug/l	99
70) Isopropylbenzene	10.963	105	176278	18.213	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	59035	17.755	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	64161	21.397	ug/l	91
73) Bromobenzene	11.195	156	49254	17.319	ug/l	98
74) n-propylbenzene	11.305	91	196708	18.024	ug/l	99
75) 2-Chlorotoluene	11.366	91	123000	17.947	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	149678	18.118	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	16173	17.160	ug/l	90
78) 4-Chlorotoluene	11.451	91	137632	17.632	ug/l	98
79) tert-butylbenzene	11.713	119	158575	18.035	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	148874	17.979	ug/l	99
81) sec-Butylbenzene	11.890	105	186874	18.188	ug/l	100
82) p-Isopropyltoluene	12.006	119	164596	18.301	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	90954	17.833	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	91130	17.683	ug/l	98
85) n-Butylbenzene	12.329	91	129207	17.853	ug/l	100
86) Hexachloroethane	12.536	117	25553	16.875	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	90758	17.434	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12978	17.773	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	63126	18.047	ug/l	99
90) Hexachlorobutadiene	13.725	225	32181	18.858	ug/l	98
91) Naphthalene	13.774	128	187787	17.962	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	64825	18.139	ug/l	100

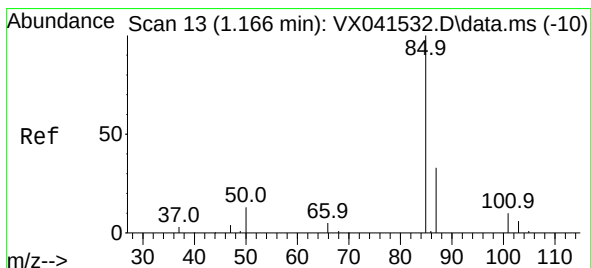
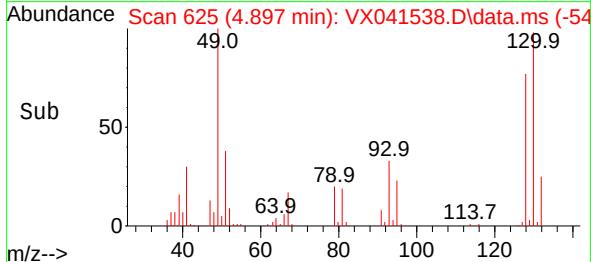
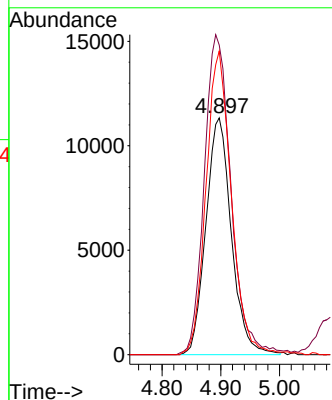
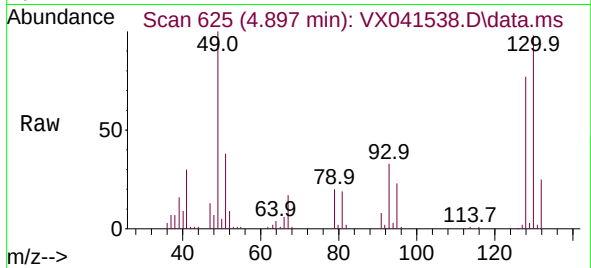
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

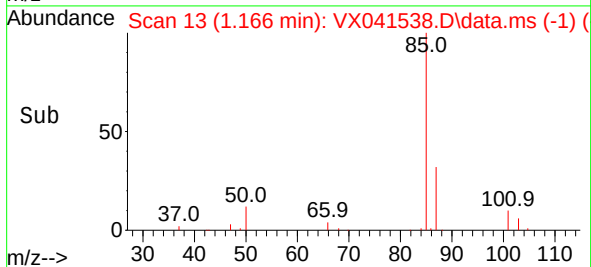
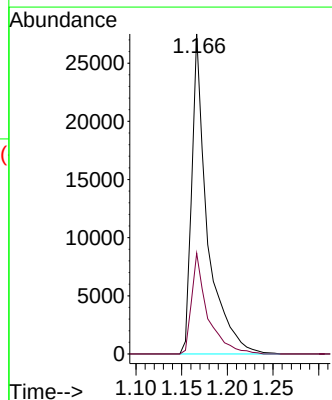
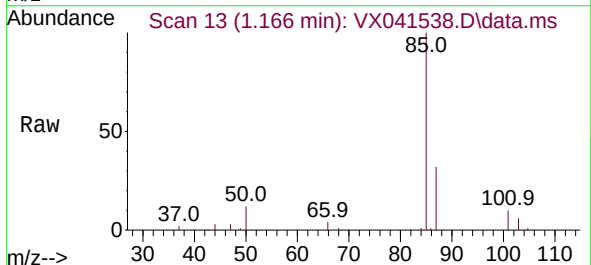
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

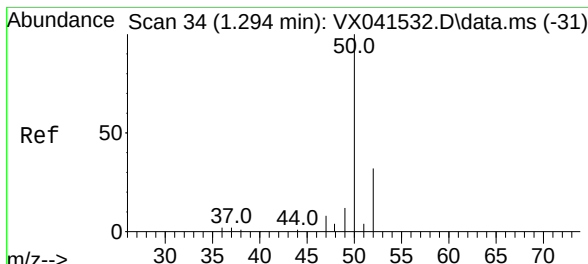
Tgt Ion:128 Resp: 34154
Ion Ratio Lower Upper
128 100
49 141.6 0.0 361.5
130 127.4 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 18.352 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 85 Resp: 32784
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.1

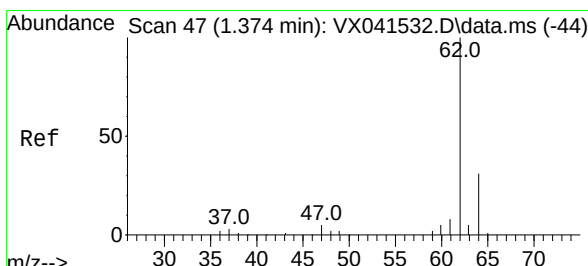
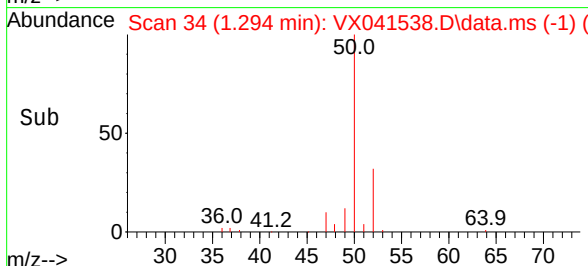
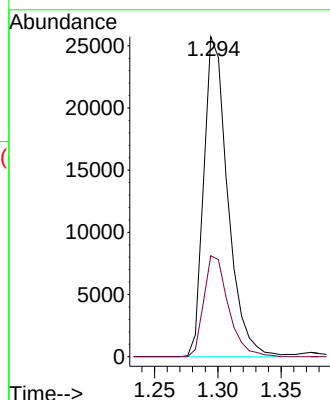
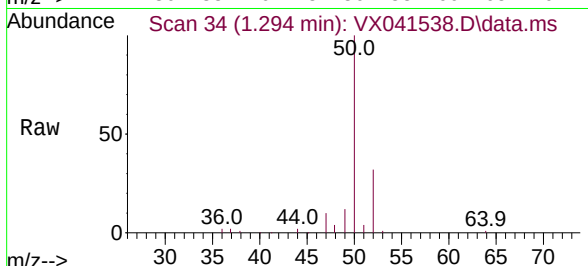




#3
 Chloromethane
 Concen: 17.367 ug/l
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX041538.D
 Acq: 15 May 2024 14:33

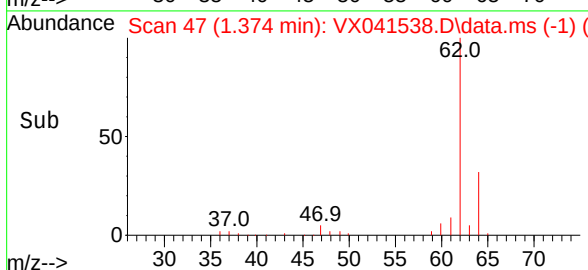
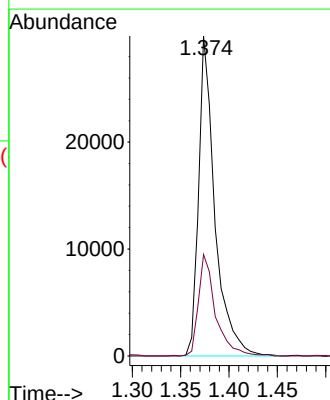
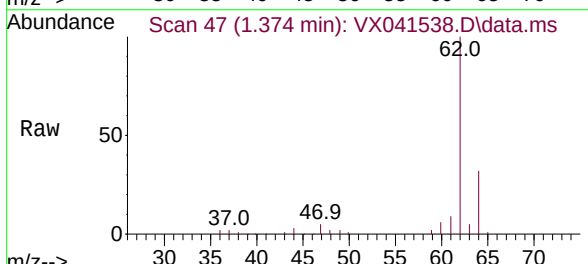
Instrument :
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 ClientSampleId :
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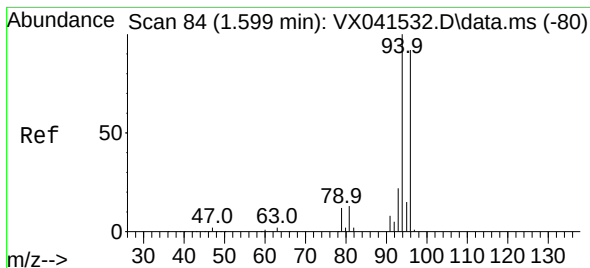
Tgt Ion: 50 Resp: 33973
 Ion Ratio Lower Upper
 50 100
 52 31.6 25.8 38.8



#4
 Vinyl Chloride
 Concen: 17.043 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX041538.D
 Acq: 15 May 2024 14:33

Tgt Ion: 62 Resp: 35102
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.6 37.0





#5

Bromomethane

Concen: 16.262 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

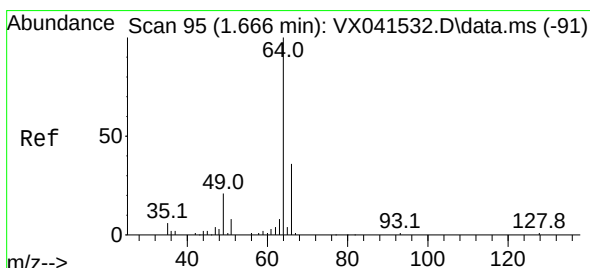
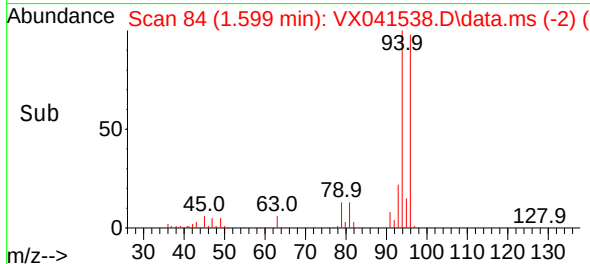
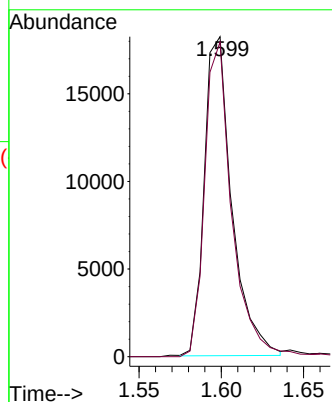
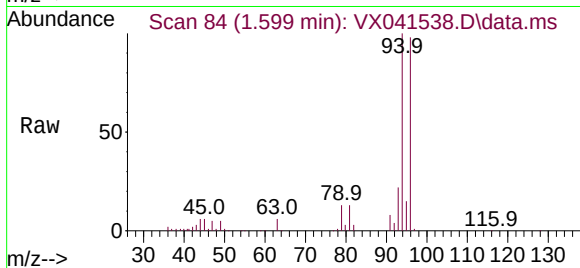
VX0515WBS01

Tgt Ion: 94 Resp: 21303

Ion Ratio Lower Upper

94 100

96 98.7 73.9 110.9



#6

Chloroethane

Concen: 17.880 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041538.D

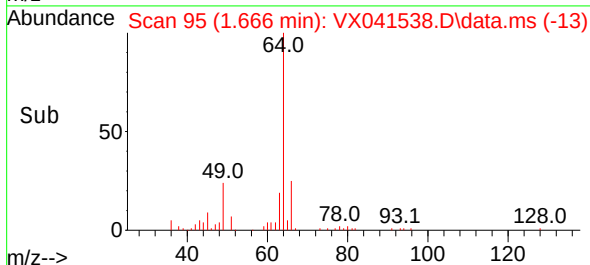
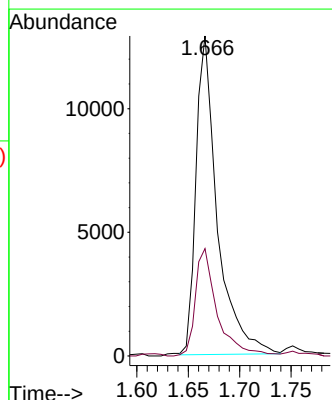
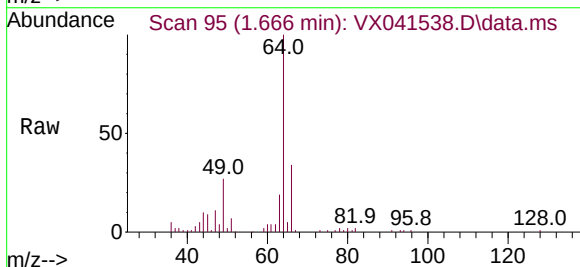
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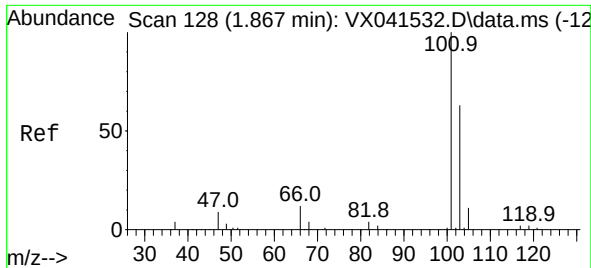
Tgt Ion: 64 Resp: 18618

Ion Ratio Lower Upper

64 100

66 33.4 28.6 42.8

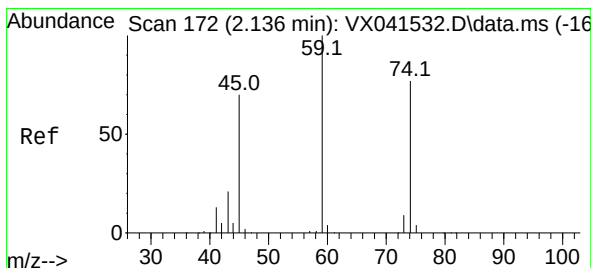
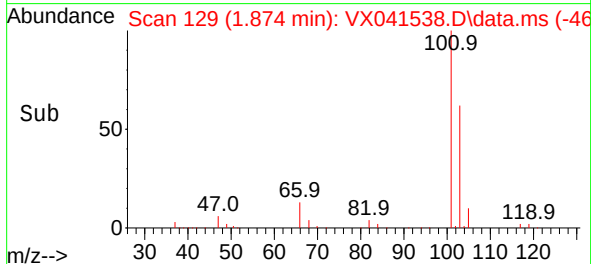
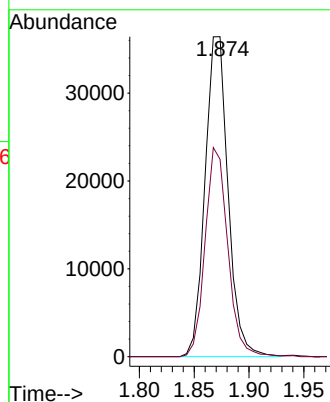
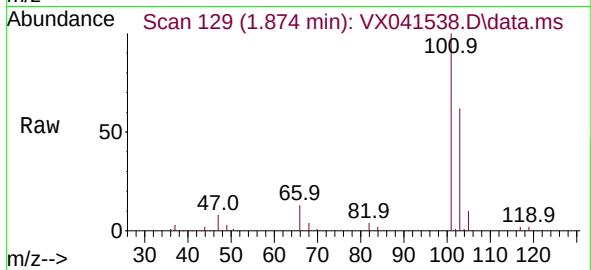




#7
Trichlorofluoromethane
Concen: 17.056 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

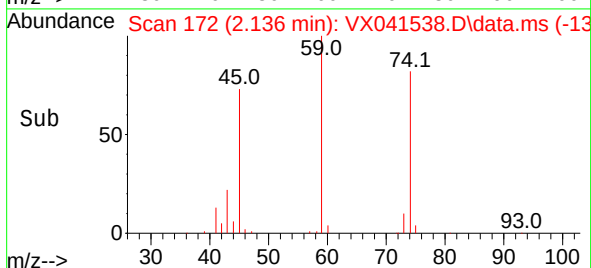
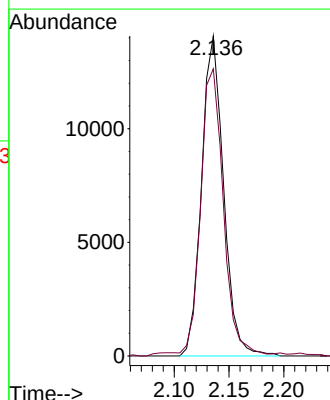
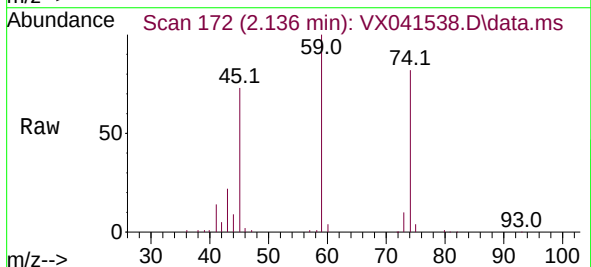
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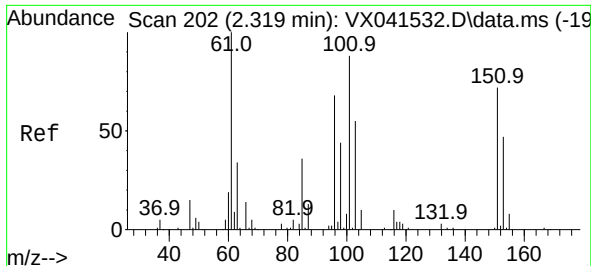
Tgt Ion:101 Resp: 53320
Ion Ratio Lower Upper
101 100
103 61.7 50.1 75.1



#8
Diethyl Ether
Concen: 16.881 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 74 Resp: 19708
Ion Ratio Lower Upper
74 100
45 92.1 18.6 167.4

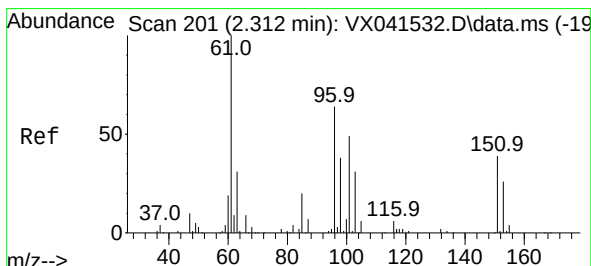
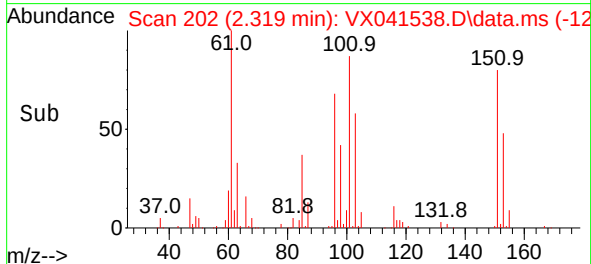
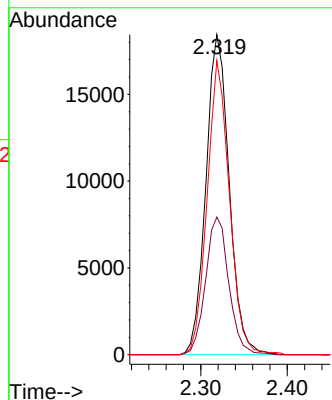
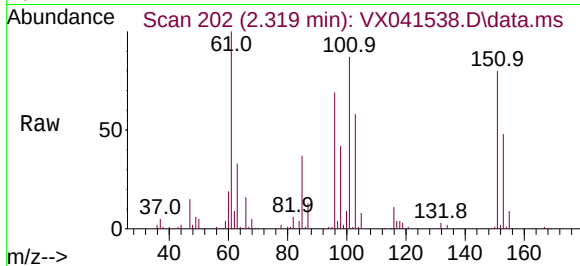




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.020 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

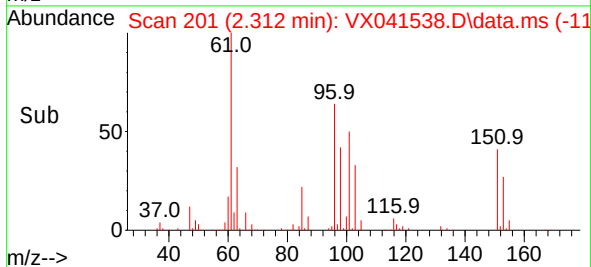
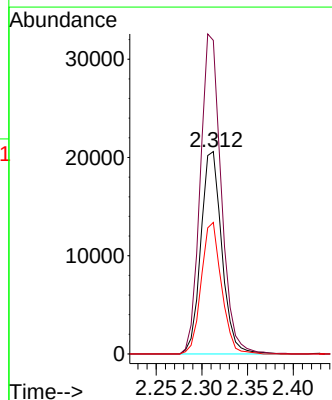
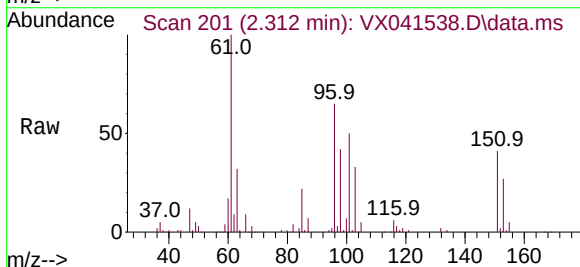
Instrument :
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ClientSampleId :
VX0515WBS01

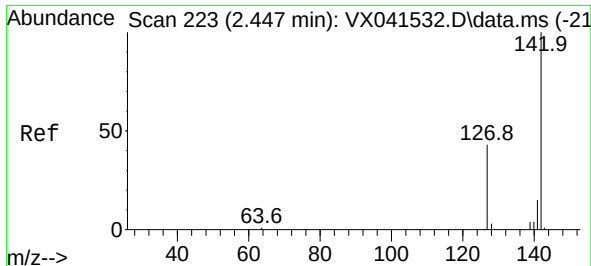
Tgt Ion:101 Resp: 34481
Ion Ratio Lower Upper
101 100
85 42.7 0.0 84.6
151 87.9 0.0 170.2



#10
1,1-Dichloroethene
Concen: 18.800 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 96 Resp: 32851
Ion Ratio Lower Upper
96 100
61 155.0 124.5 186.7
98 65.0 47.9 71.9





#11

Methyl Iodide

Concen: 16.408 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

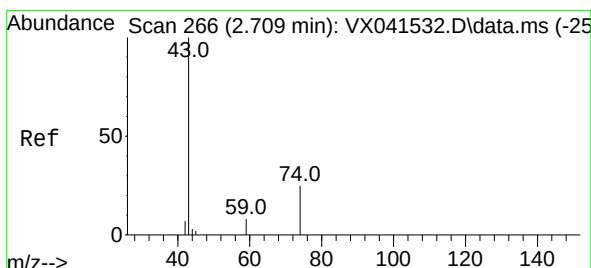
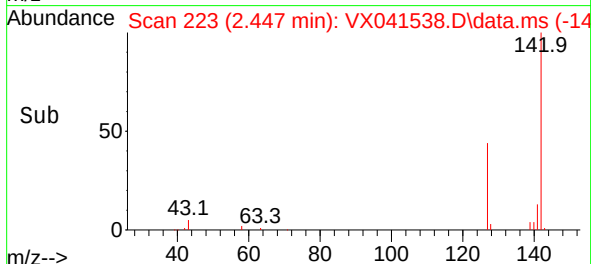
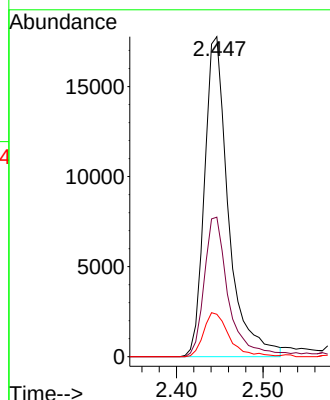
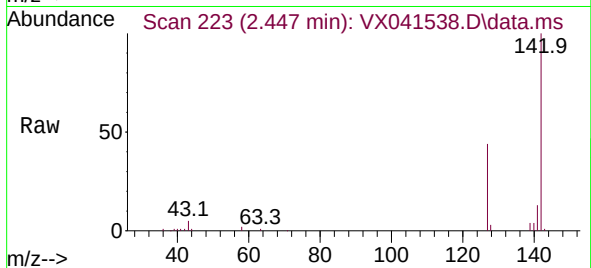
Tgt Ion:142 Resp: 34150

Ion Ratio Lower Upper

142 100

127 43.6 21.4 64.2

141 13.3 7.6 22.8



#12

Methyl Acetate

Concen: 17.824 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX041538.D

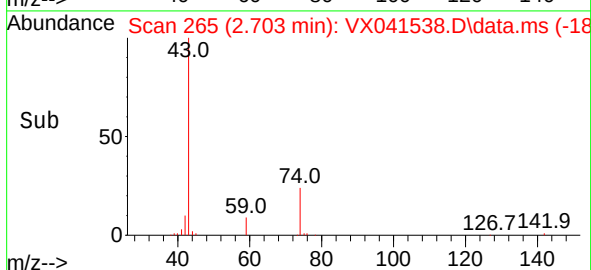
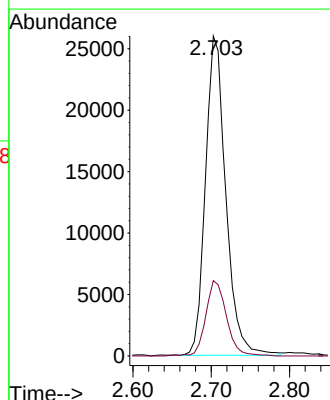
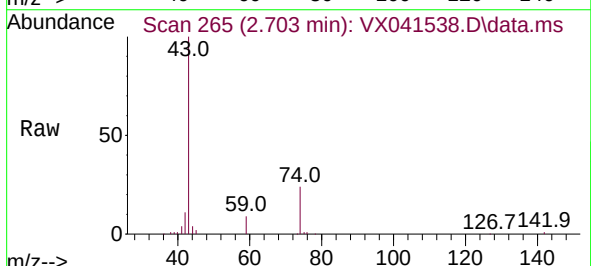
Acq: 15 May 2024 14:33

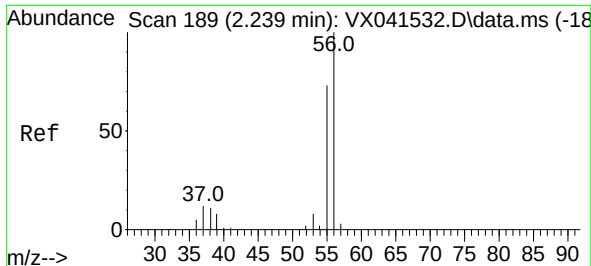
Tgt Ion: 43 Resp: 46907

Ion Ratio Lower Upper

43 100

74 23.6 19.9 29.9





#13

Acrolein

Concen: 72.525 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

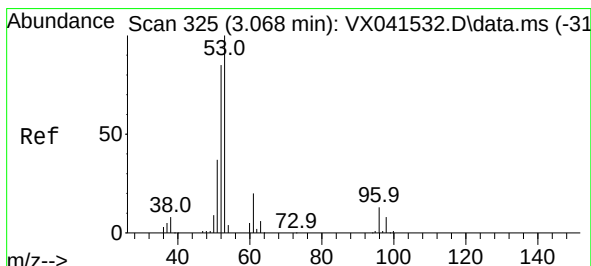
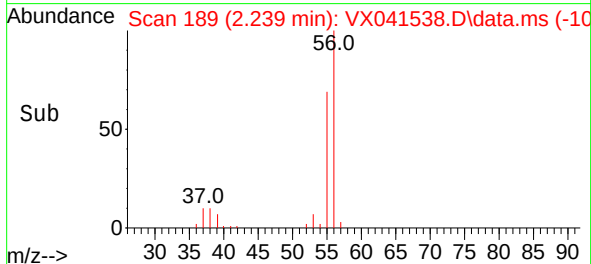
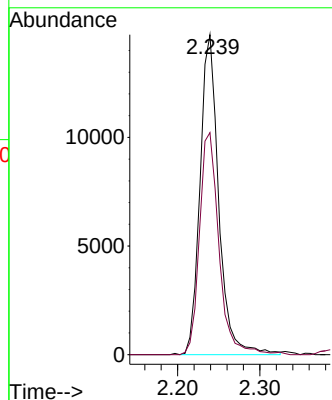
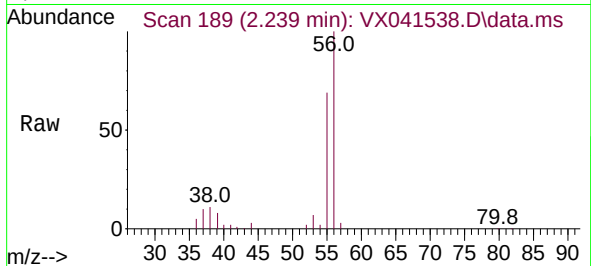
VX0515WBS01

Tgt Ion: 56 Resp: 23236

Ion Ratio Lower Upper

56 100

55 71.2 55.1 82.7



#14

Acrylonitrile

Concen: 88.321 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

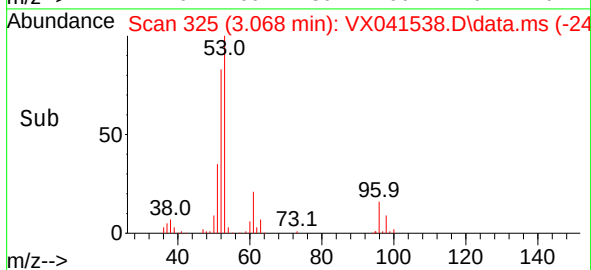
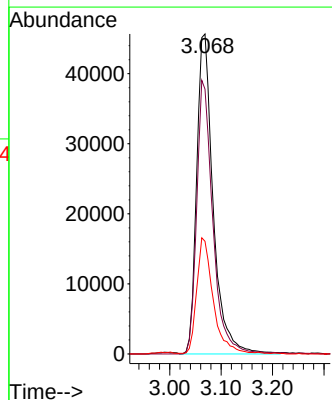
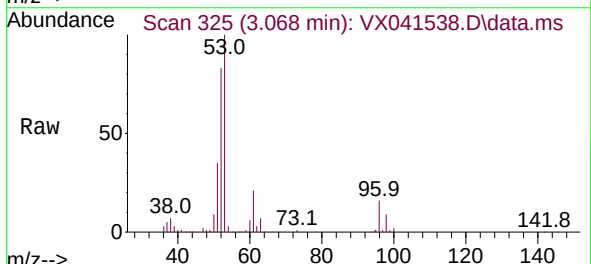
Tgt Ion: 53 Resp: 102193

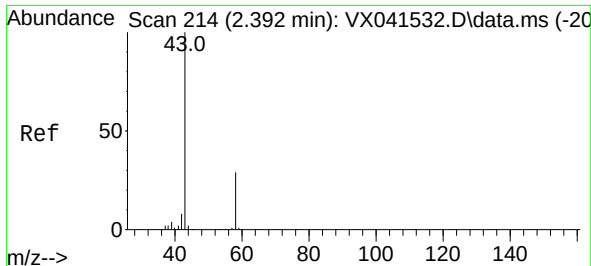
Ion Ratio Lower Upper

53 100

52 82.8 41.3 123.7

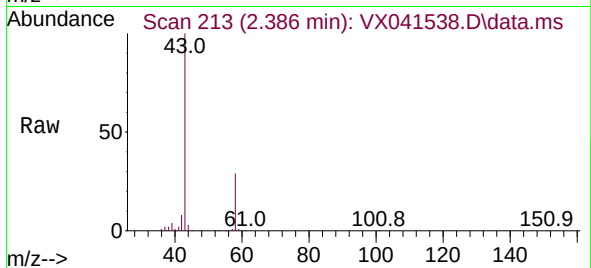
51 36.3 18.4 55.0



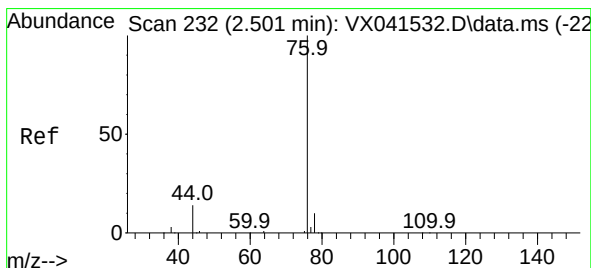
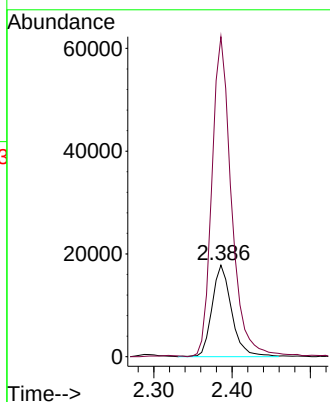
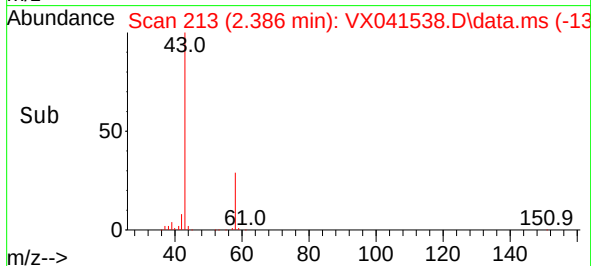


#15
Acetone
Concen: 99.831 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

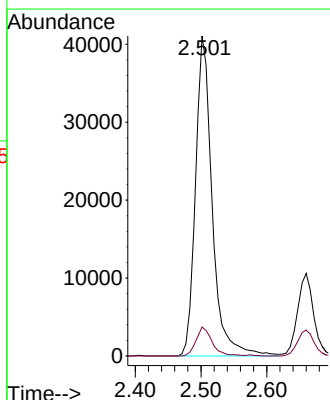
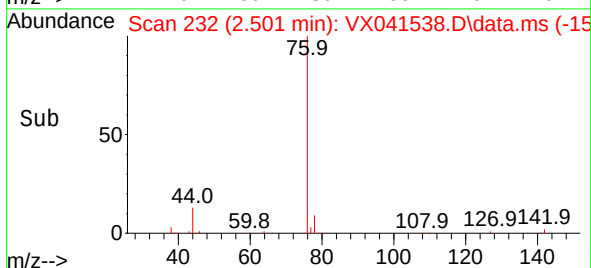
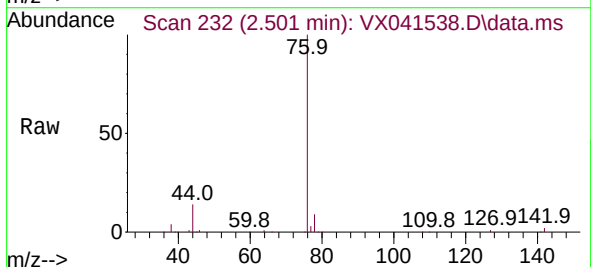


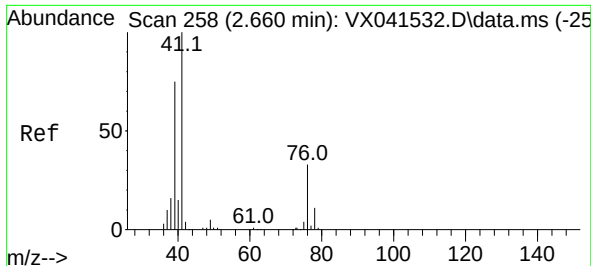
Tgt Ion: 58 Resp: 30949
Ion Ratio Lower Upper
58 100
43 348.6 274.0 411.0



#16
Carbon Disulfide
Concen: 18.348 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 76 Resp: 72389
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

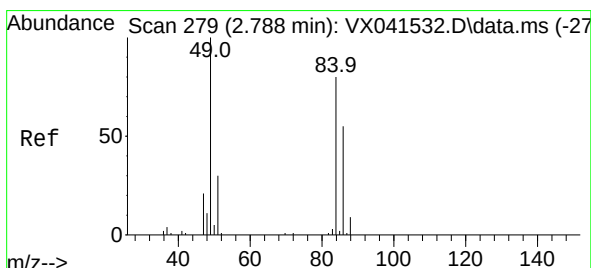
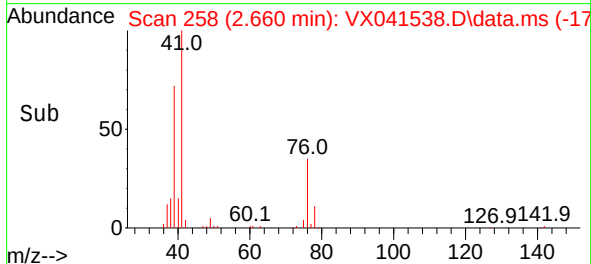
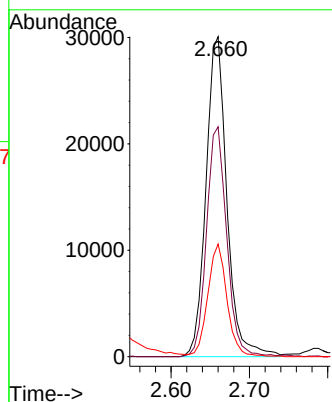
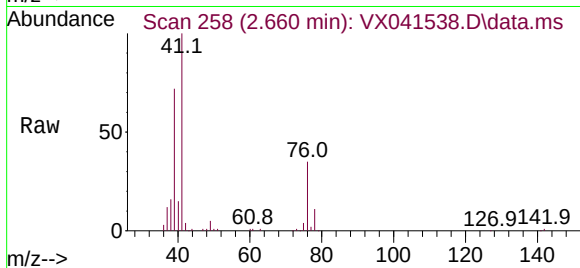




#17
Allyl chloride
Concen: 18.013 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

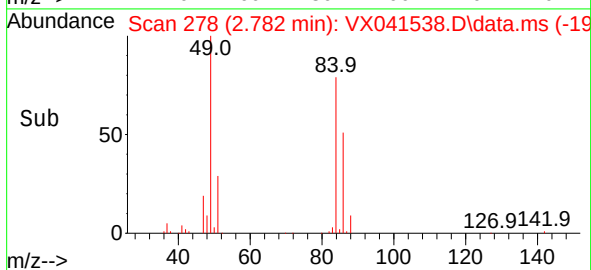
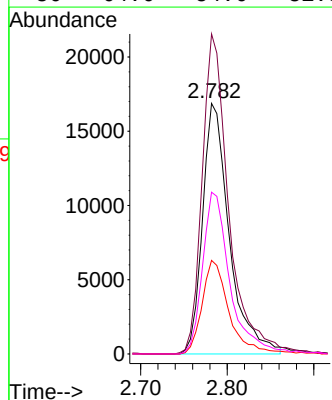
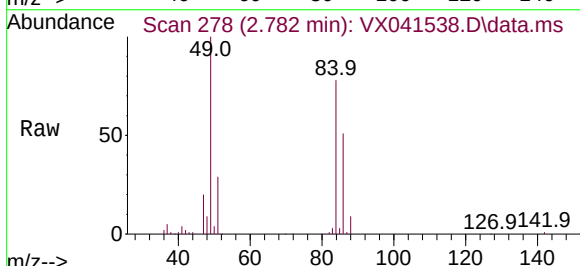
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

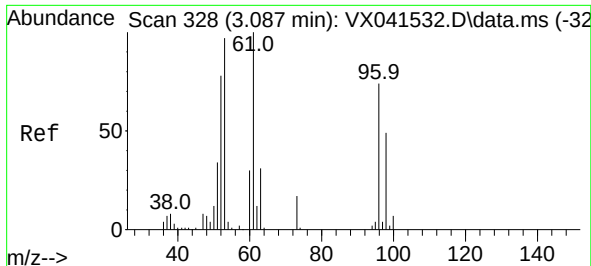
Tgt Ion:	41	Resp:	55859
Ion	Ratio	Lower	Upper
41	100		
39	71.8	37.5	112.7
76	35.0	16.6	49.8



#18
Methylene Chloride
Concen: 17.470 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion:	84	Resp:	36308
Ion	Ratio	Lower	Upper
84	100		
49	127.1	99.8	149.8
51	37.3	30.2	45.4
86	64.6	54.6	81.8





#19

trans-1,2-Dichloroethene

Concen: 16.654 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

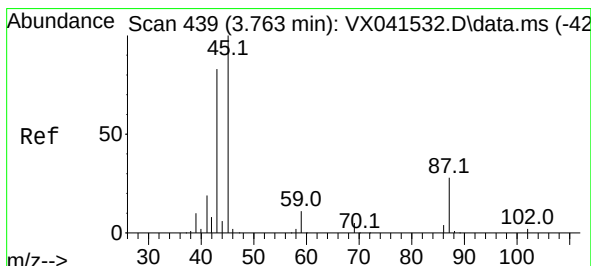
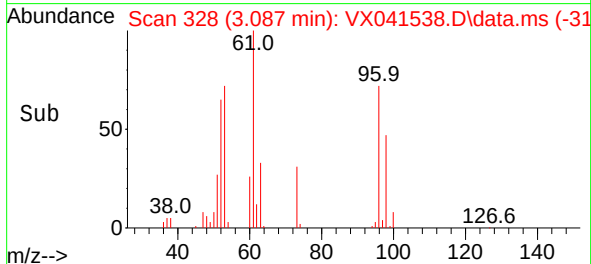
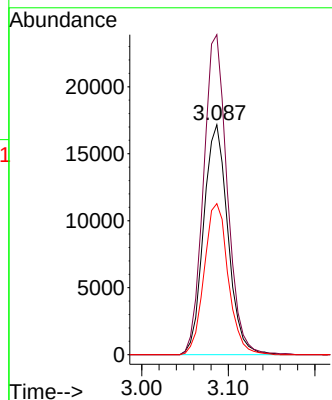
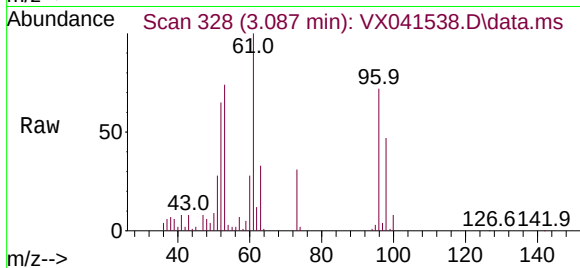
Tgt Ion: 96 Resp: 33370

Ion Ratio Lower Upper

96 100

61 139.1 107.7 161.5

98 65.7 53.1 79.7



#20

Diisopropyl ether

Concen: 17.221 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Tgt Ion: 45 Resp: 112199

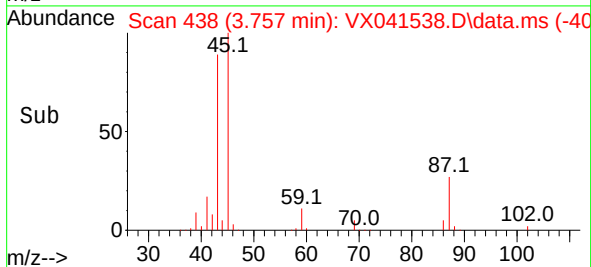
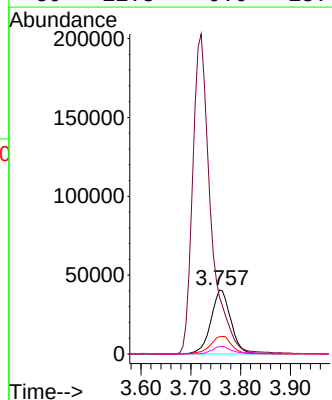
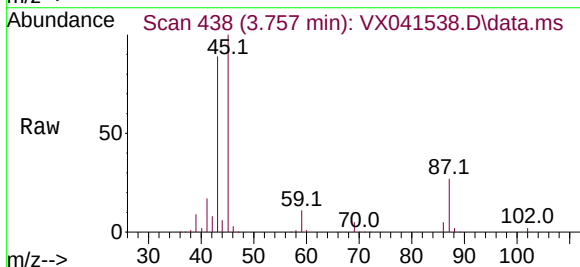
Ion Ratio Lower Upper

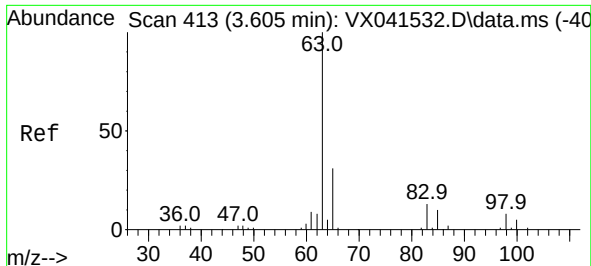
45 100

43 87.4 66.7 100.1

87 27.0 22.4 33.6

59 11.3 9.0 13.4





#21

1,1-Dichloroethane

Concen: 16.960 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

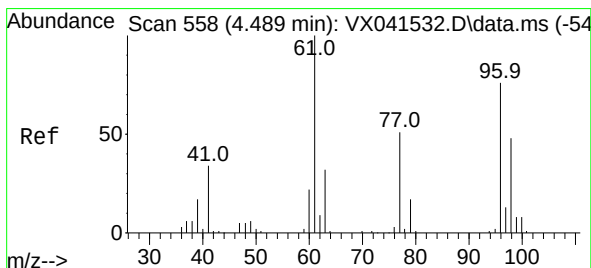
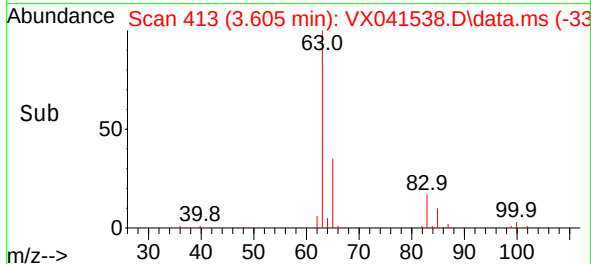
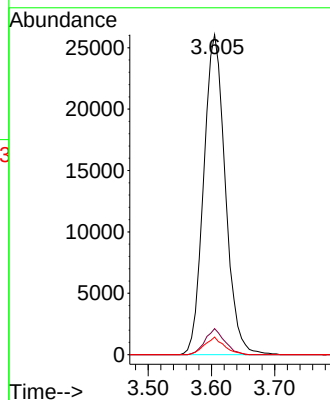
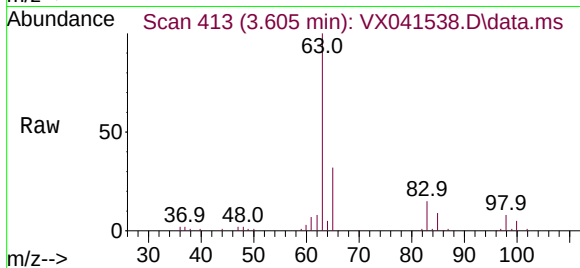
Tgt Ion: 63 Resp: 62019

Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.4

100 5.5 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 17.117 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

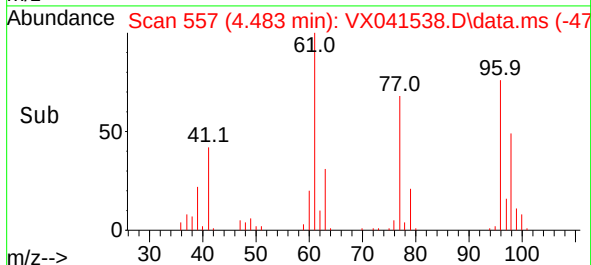
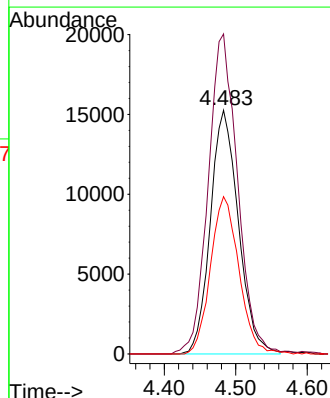
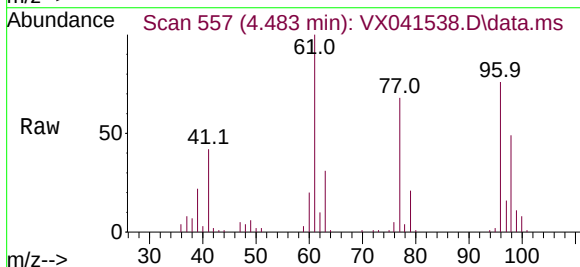
Tgt Ion: 96 Resp: 41677

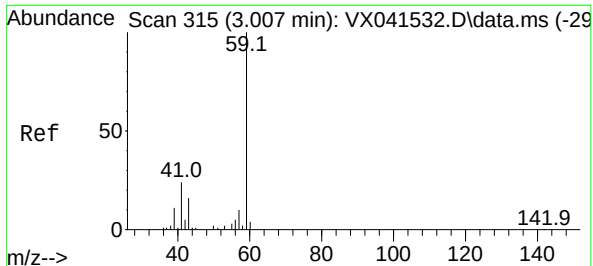
Ion Ratio Lower Upper

96 100

61 136.7 114.2 171.4

98 64.7 52.6 79.0





#23

tert-Butyl Alcohol

Concen: 95.963 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

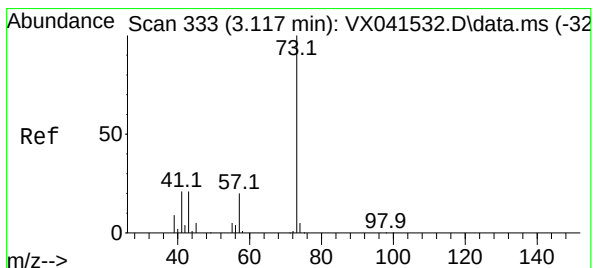
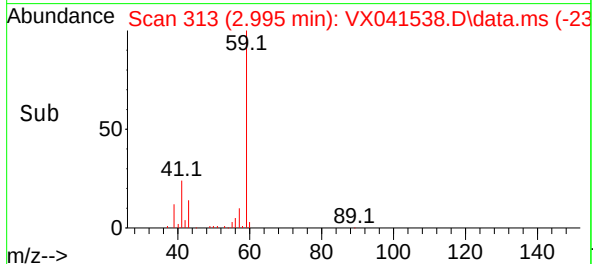
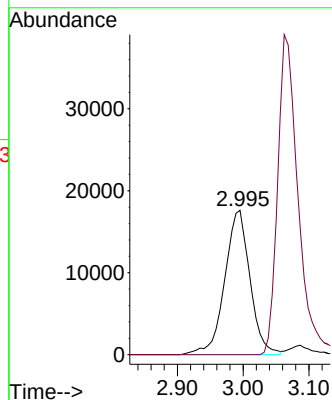
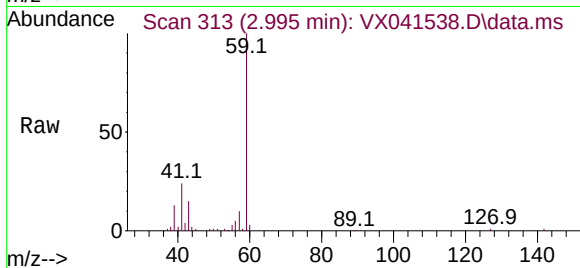
VX0515WBS01

Tgt Ion: 59 Resp: 47120

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 17.216 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX041538.D

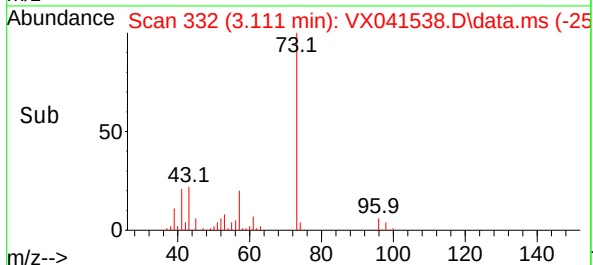
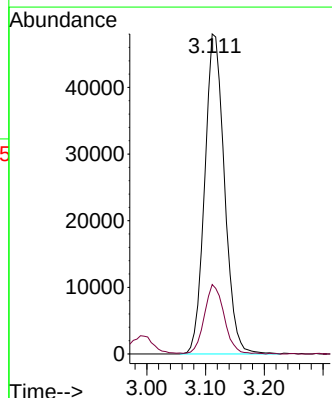
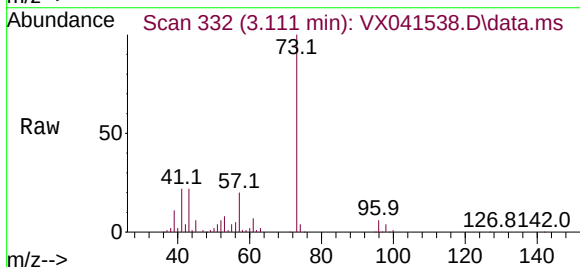
Acq: 15 May 2024 14:33

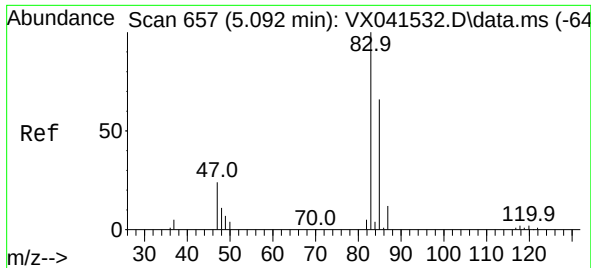
Tgt Ion: 73 Resp: 112313

Ion Ratio Lower Upper

73 100

43 21.7 17.2 25.8





#25

Chloroform

Concen: 17.112 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

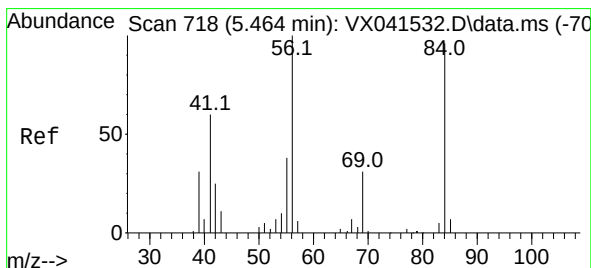
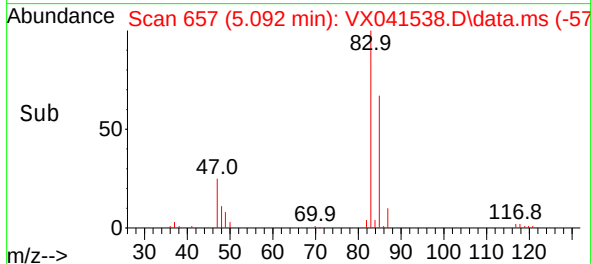
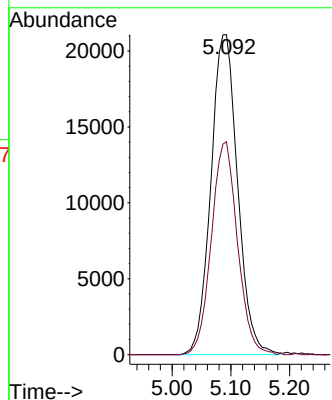
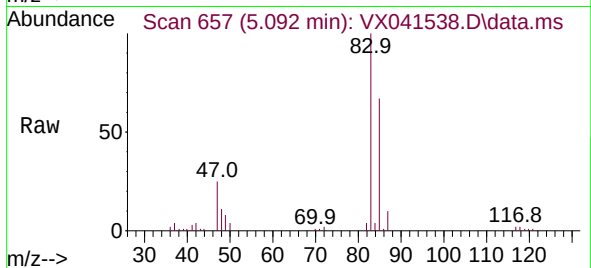
VX0515WBS01

Tgt Ion: 83 Resp: 66661

Ion Ratio Lower Upper

83 100

85 66.6 52.9 79.3



#26

Cyclohexane

Concen: 17.315 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

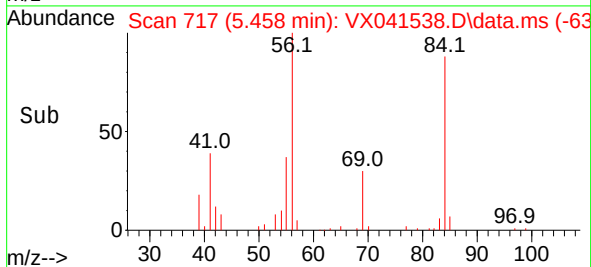
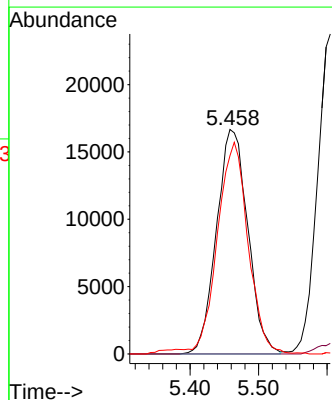
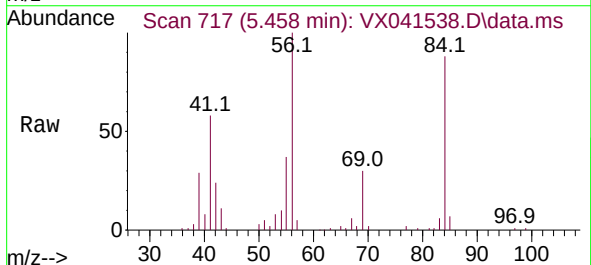
Tgt Ion: 56 Resp: 52799

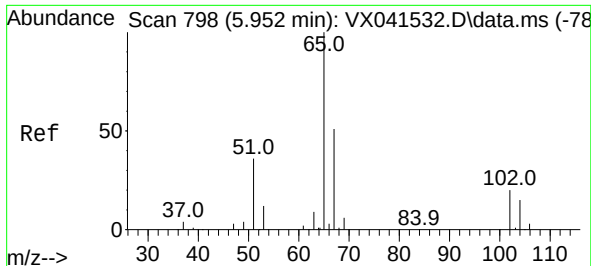
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.2 74.0 111.0

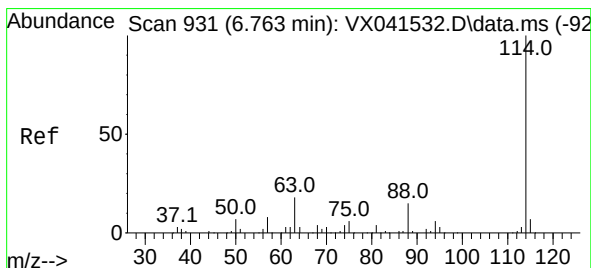
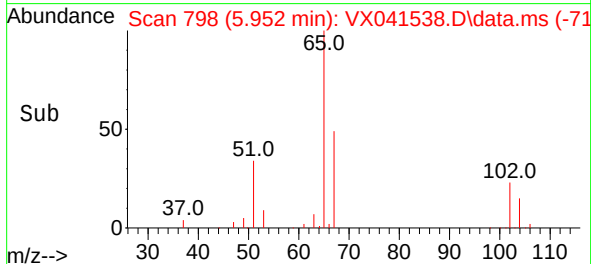
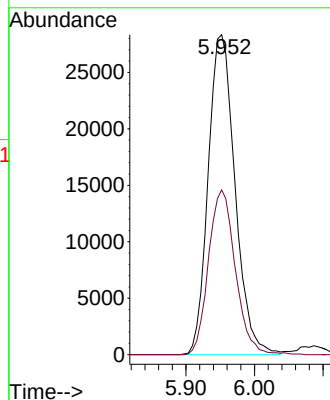
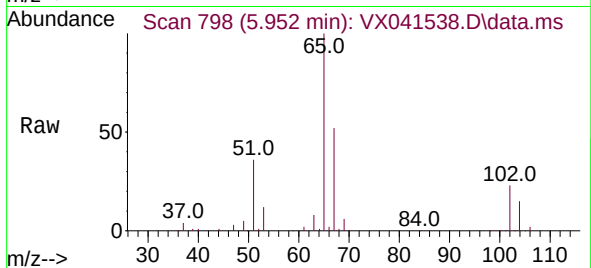




#27
1,2-Dichloroethane-d4
Concen: 28.692 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

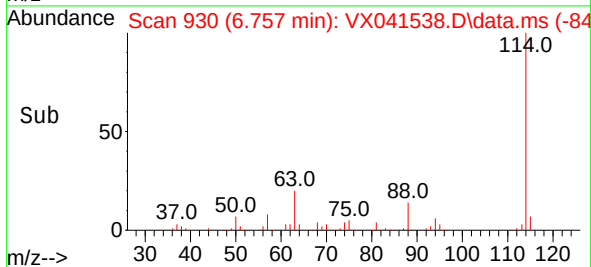
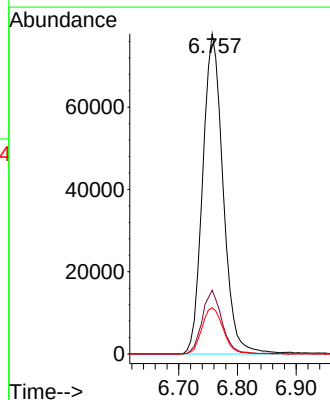
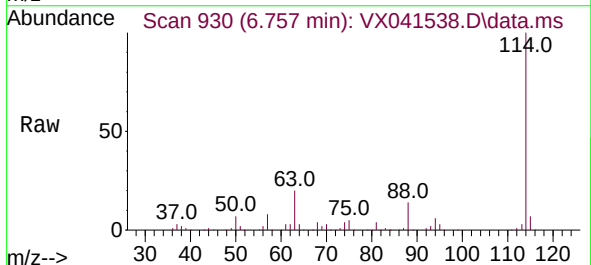
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

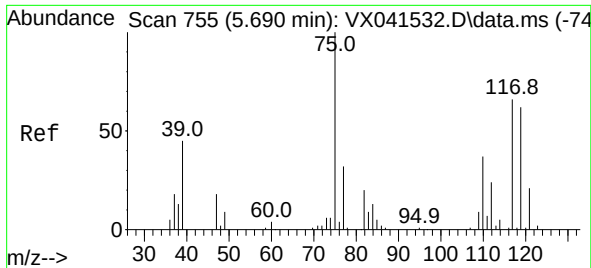
Tgt Ion: 65 Resp: 77171
Ion Ratio Lower Upper
65 100
67 51.3 40.8 61.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 114 Resp: 187783
Ion Ratio Lower Upper
114 100
63 19.2 15.4 23.0
88 14.8 12.2 18.2

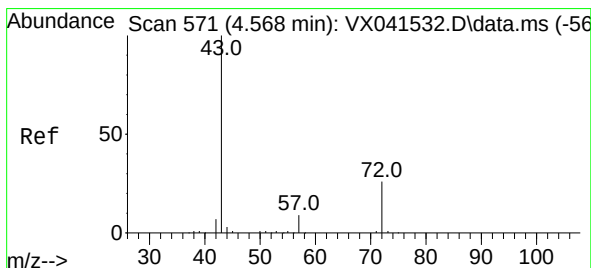
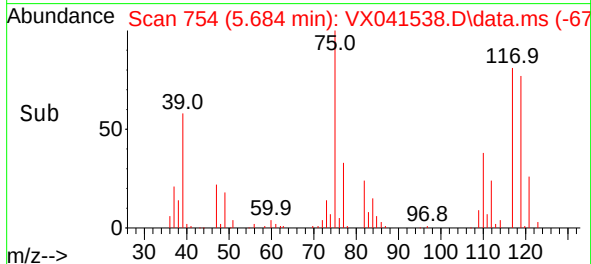
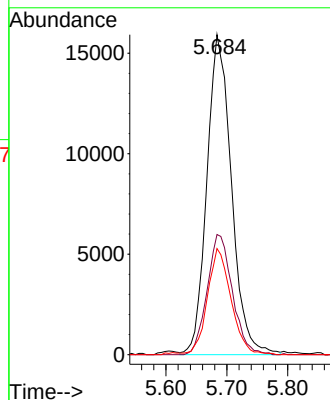
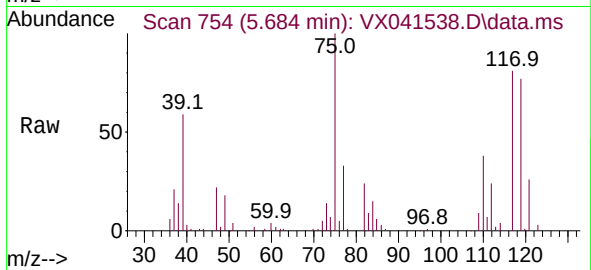




#29
1,1-Dichloropropene
Concen: 18.005 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

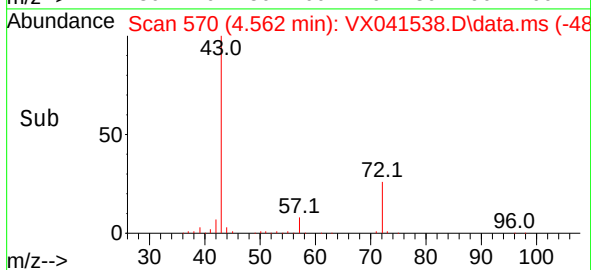
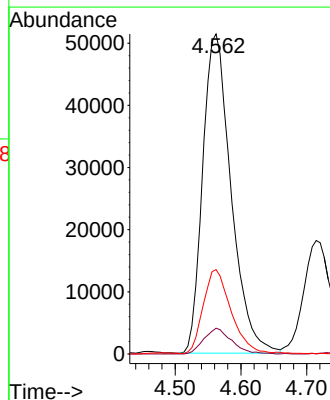
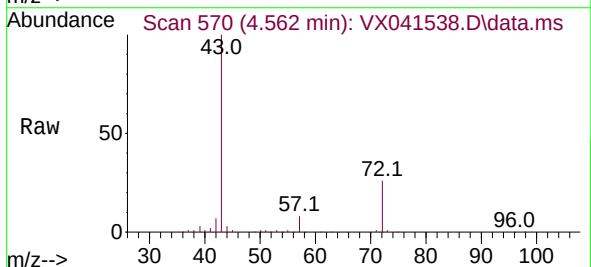
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

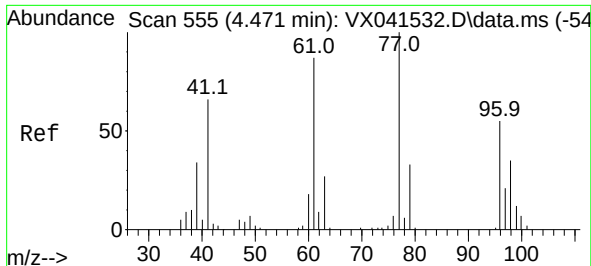
Tgt Ion: 75 Resp: 44725
Ion Ratio Lower Upper
75 100
110 38.3 0.0 74.4
77 31.0 0.0 62.6



#30
2-Butanone
Concen: 93.561 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 43 Resp: 154262
Ion Ratio Lower Upper
43 100
57 7.9 6.6 10.0
72 26.0 20.7 31.1





#31

2,2-Dichloropropane

Concen: 18.242 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

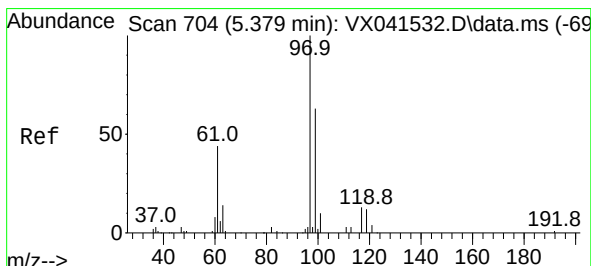
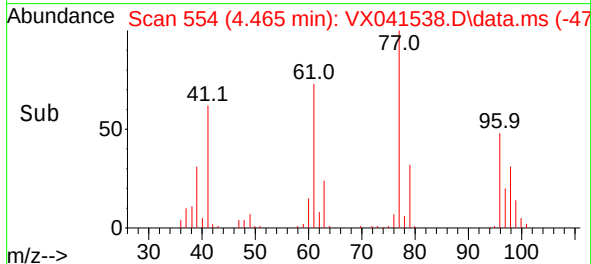
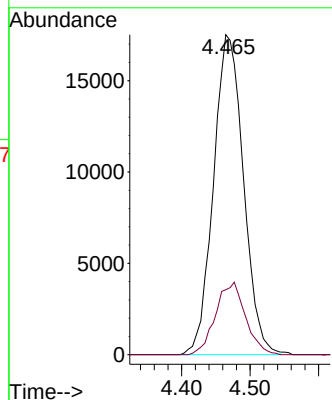
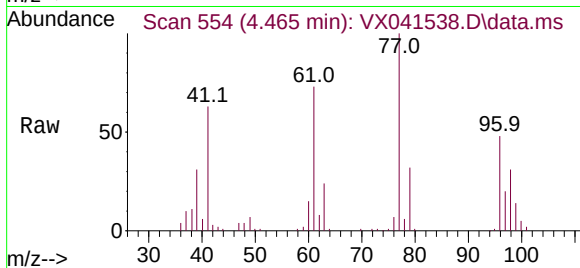
VX0515WBS01

Tgt Ion: 77 Resp: 53180

Ion Ratio Lower Upper

77 100

97 22.6 18.0 27.0



#32

1,1,1-Trichloroethane

Concen: 17.681 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

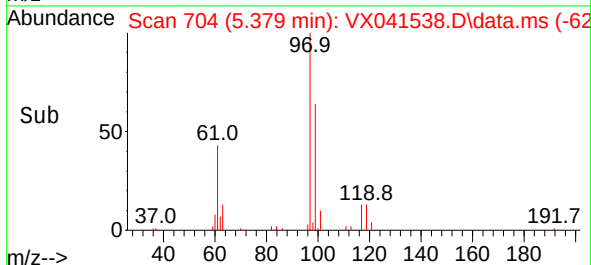
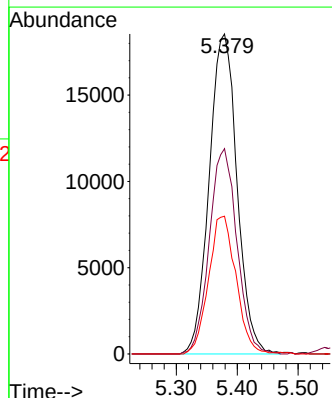
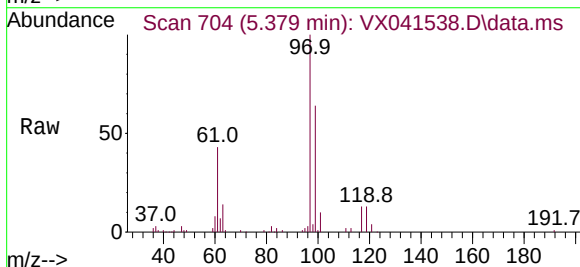
Tgt Ion: 97 Resp: 58930

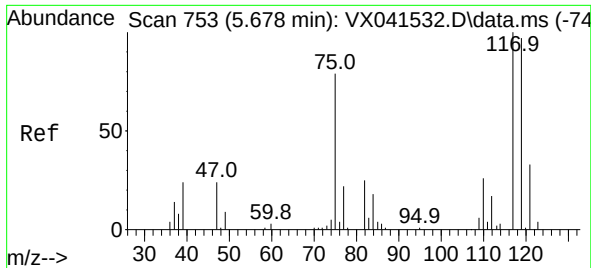
Ion Ratio Lower Upper

97 100

99 63.7 50.7 76.1

61 42.4 34.6 51.8

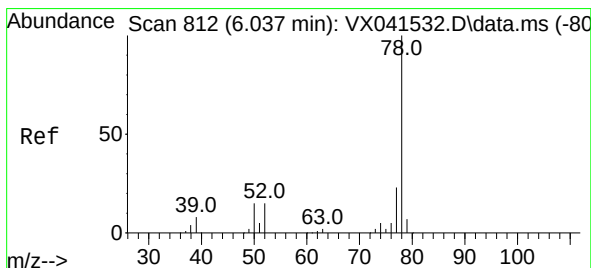
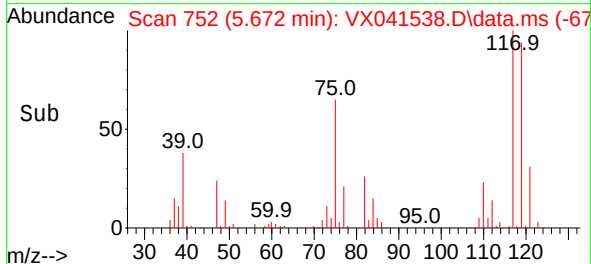
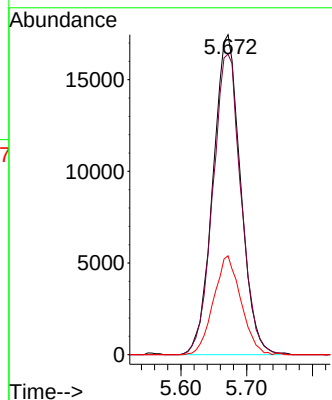
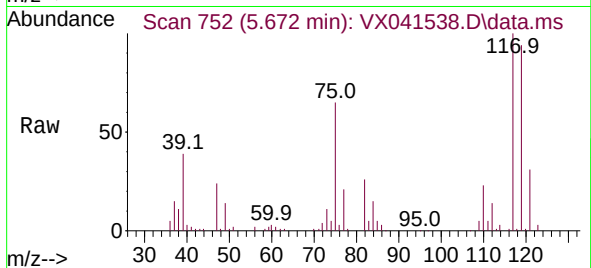




#33
Carbon Tetrachloride
Concen: 17.846 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

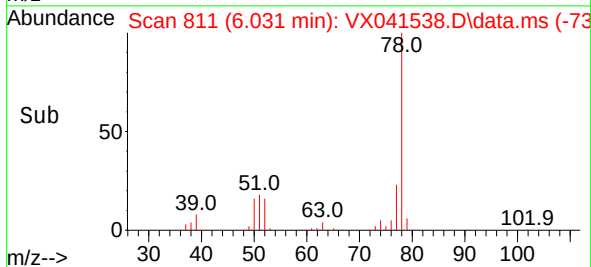
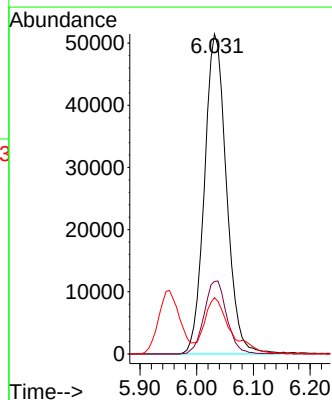
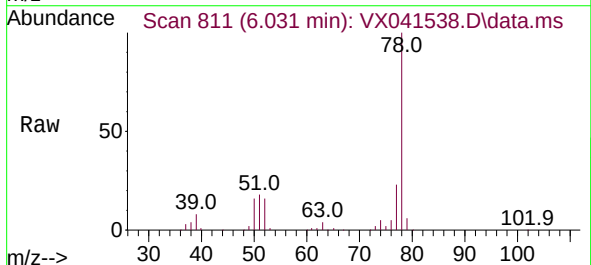
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

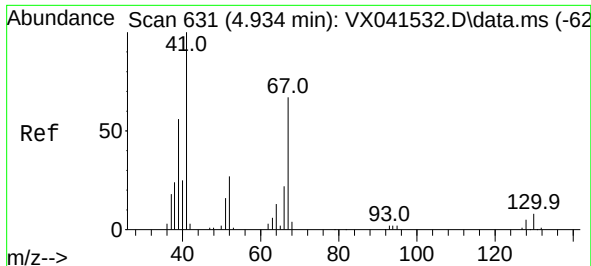
Tgt Ion:117 Resp: 50893
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.2
121 30.9 26.4 39.6



#34
Benzene
Concen: 17.682 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 78 Resp: 138712
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0
51 17.3 12.4 18.6





#35

Methacrylonitrile

Concen: 18.203 ug/l

RT: 4.922 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tgt Ion: 41 Resp: 30275

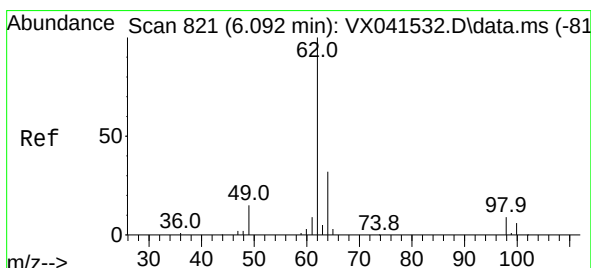
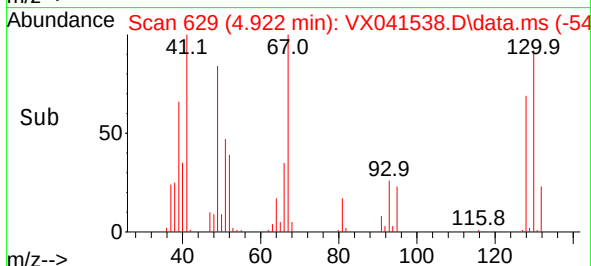
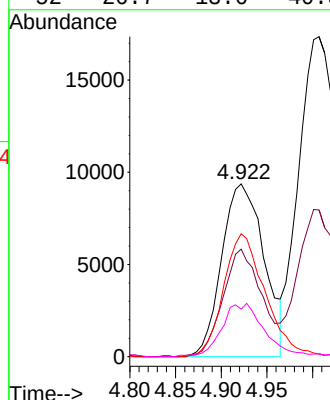
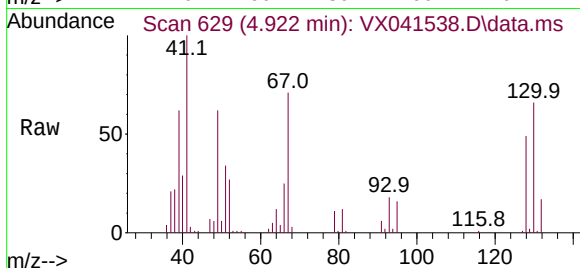
Ion Ratio Lower Upper

41 100

39 62.2 28.1 84.4

67 71.1 33.7 101.1

52 26.7 13.6 40.8



#36

1,2-Dichloroethane

Concen: 17.771 ug/l

RT: 6.080 min Scan# 819

Delta R.T. -0.012 min

Lab File: VX041538.D

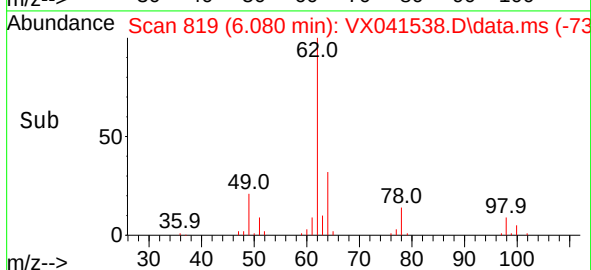
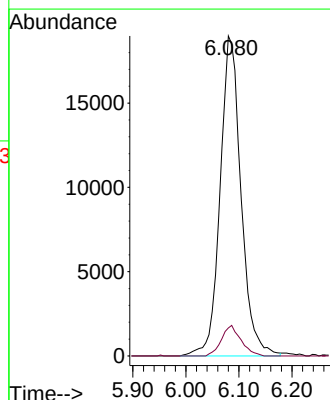
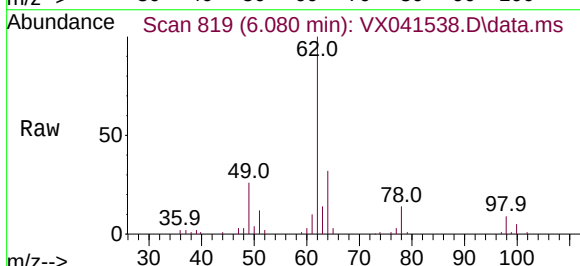
Acq: 15 May 2024 14:33

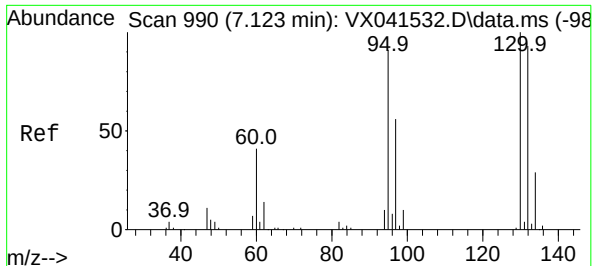
Tgt Ion: 62 Resp: 52024

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.0

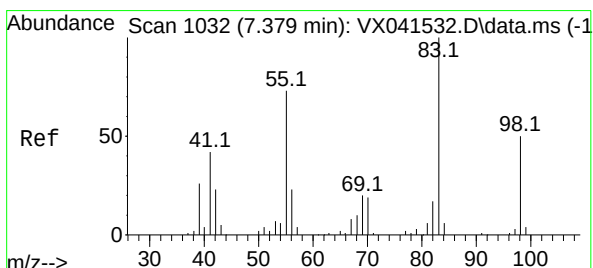
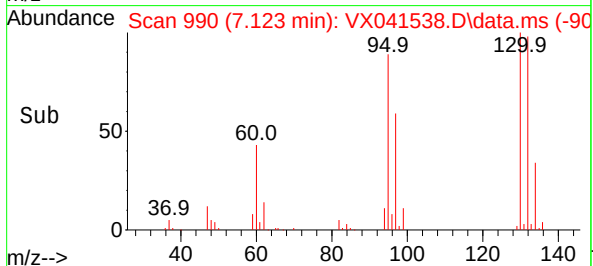
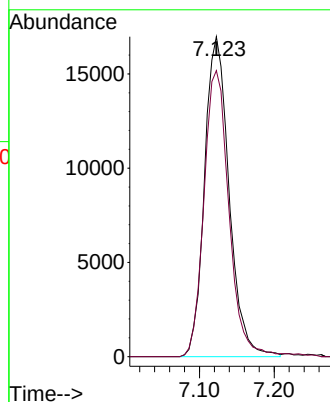
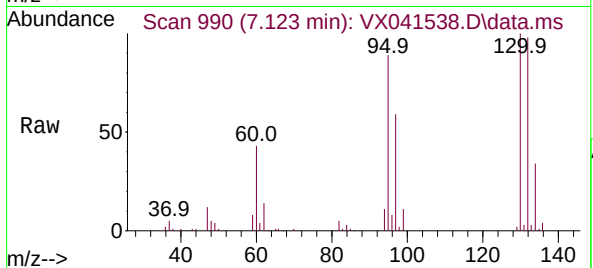




#37
Trichloroethene
Concen: 17.738 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

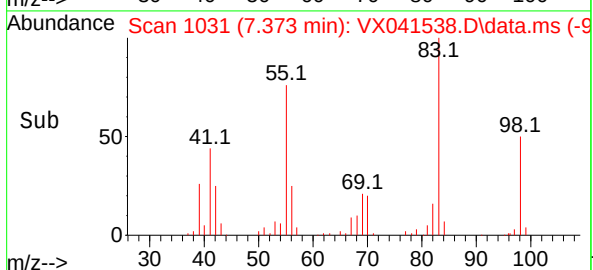
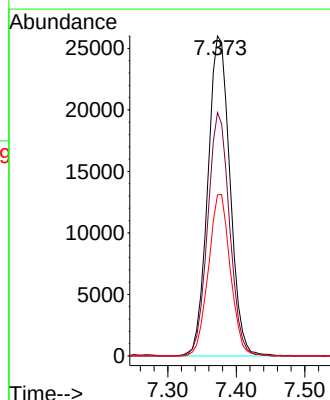
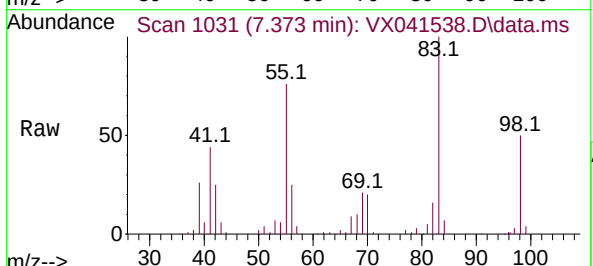
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

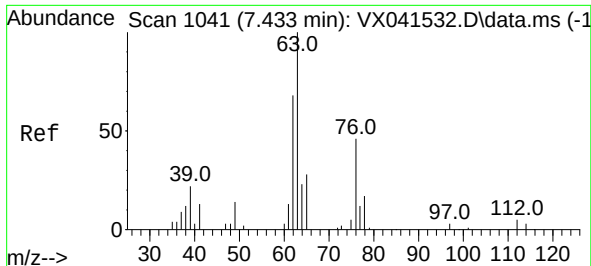
Tgt Ion:130 Resp: 38772
Ion Ratio Lower Upper
130 100
95 89.4 72.6 108.8



#38
Methylcyclohexane
Concen: 18.538 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 83 Resp: 58470
Ion Ratio Lower Upper
83 100
55 74.9 37.7 113.1
98 49.9 25.1 75.3





#39

1,2-Dichloropropane

Concen: 17.742 ug/l

RT: 7.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

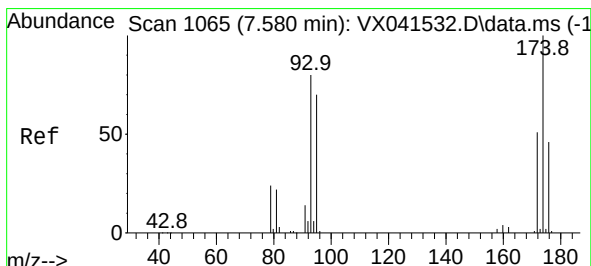
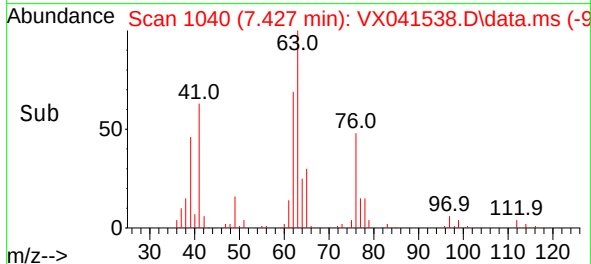
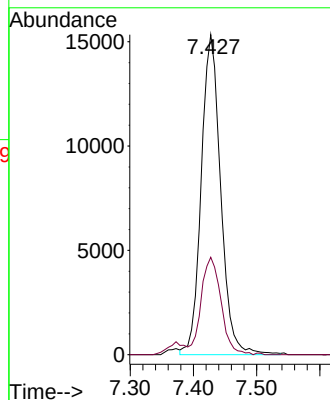
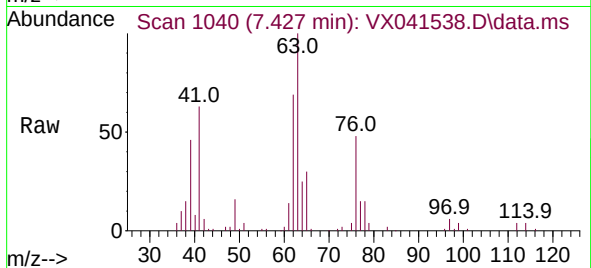
VX0515WBS01

Tgt Ion: 63 Resp: 32902

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.2



#40

Dibromomethane

Concen: 17.352 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

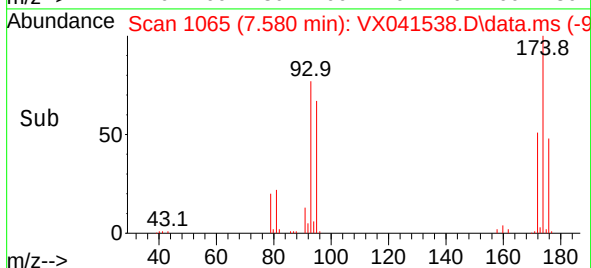
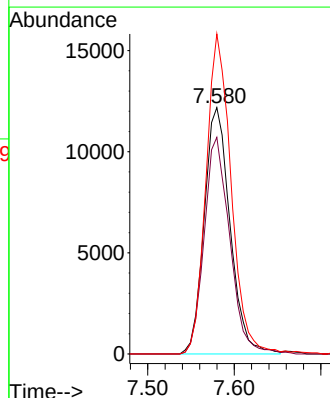
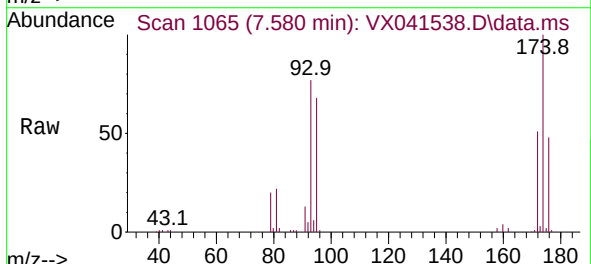
Tgt Ion: 93 Resp: 25325

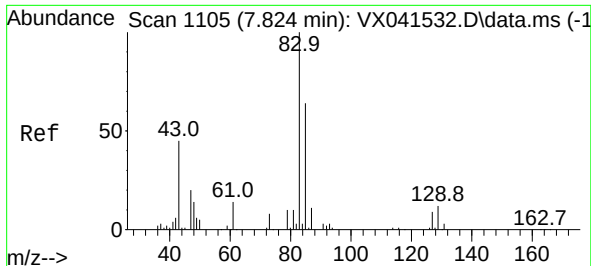
Ion Ratio Lower Upper

93 100

95 86.6 0.0 168.6

174 125.9 0.0 249.8

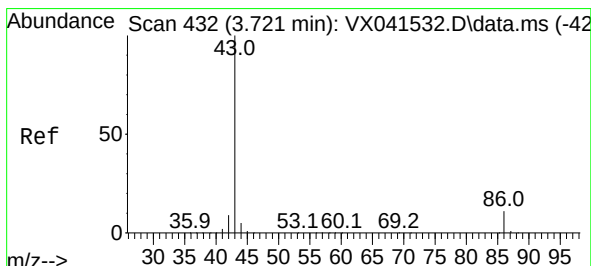
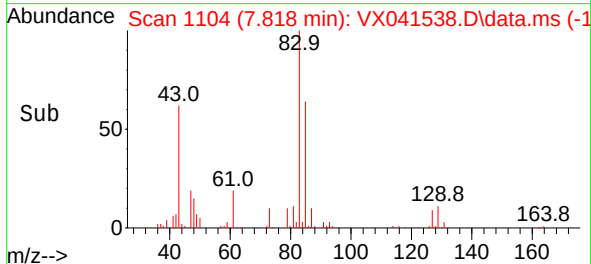
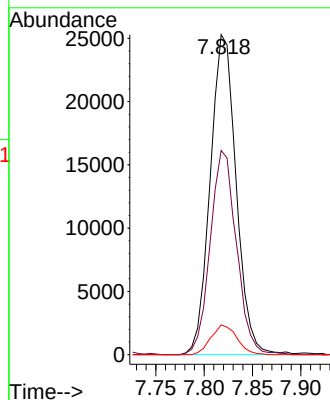
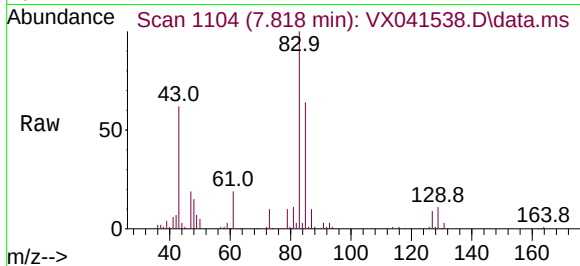




#41
Bromodichloromethane
Concen: 17.229 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

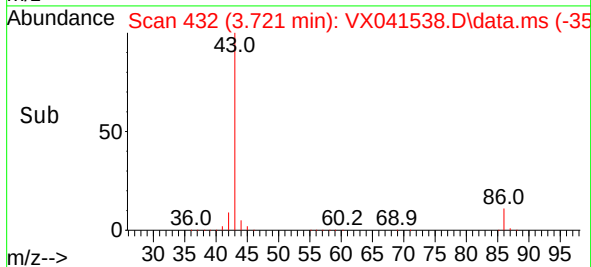
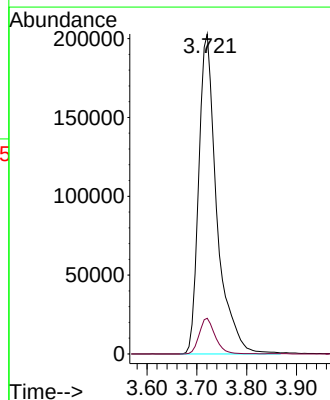
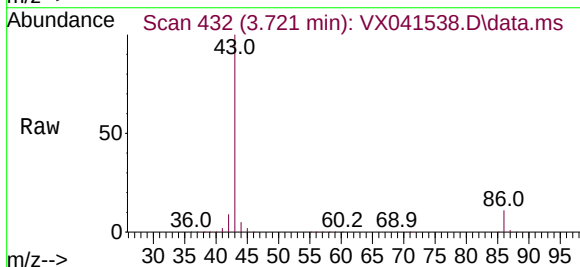
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

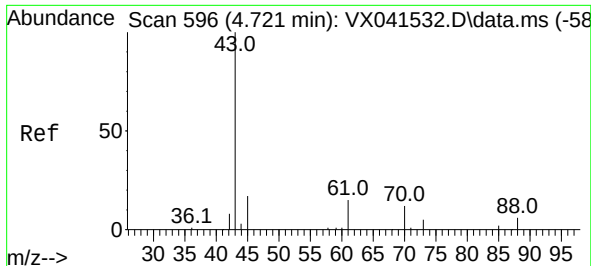
Tgt Ion: 83 Resp: 47209
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.4
127 9.3 7.1 10.7



#42
Vinyl Acetate
Concen: 89.423 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 43 Resp: 511544
Ion Ratio Lower Upper
43 100
86 9.8 7.8 11.6

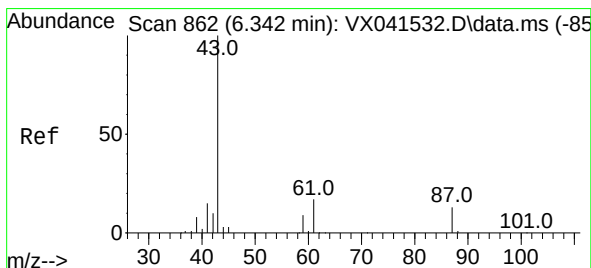
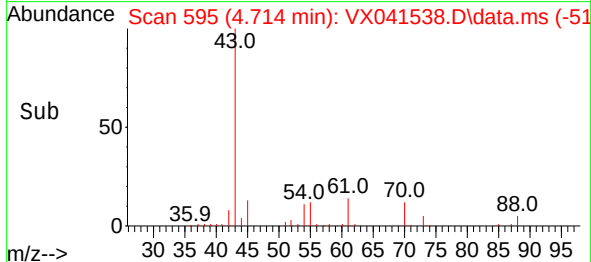
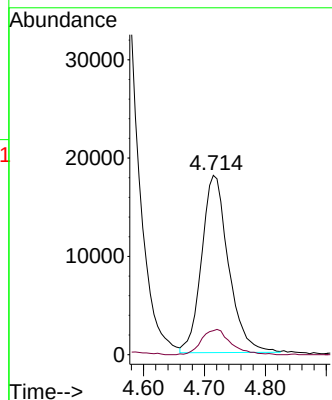
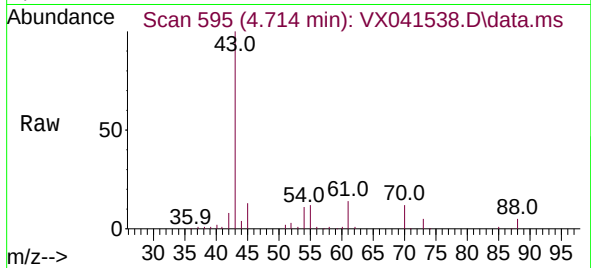




#43
Ethyl Acetate
Concen: 17.359 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

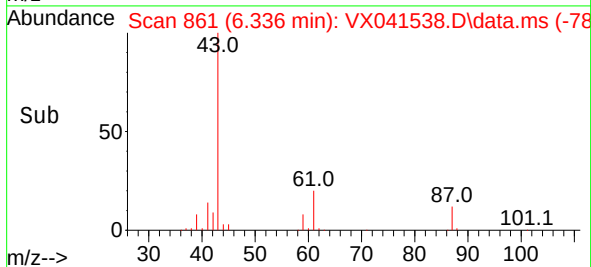
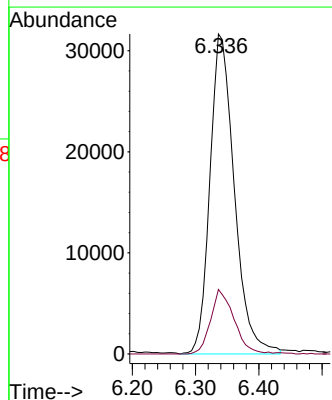
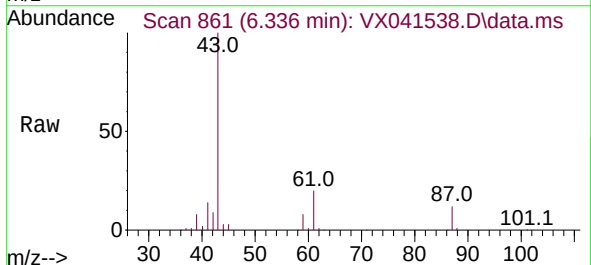
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

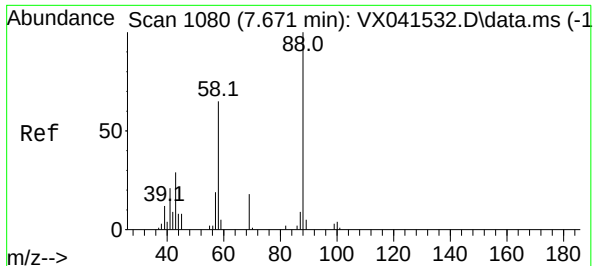
Tgt Ion: 43 Resp: 55225
Ion Ratio Lower Upper
43 100
45 15.4 11.9 17.9



#44
Isopropyl Acetate
Concen: 17.657 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 43 Resp: 84914
Ion Ratio Lower Upper
43 100
61 19.2 15.3 22.9





#45

1,4-Dioxane

Concen: 361.213 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

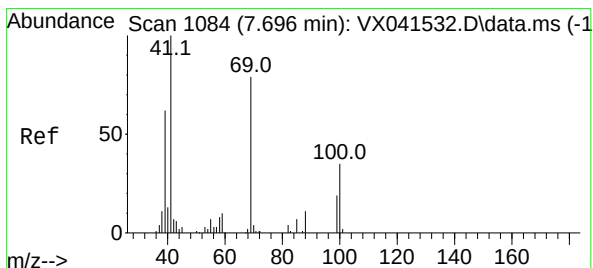
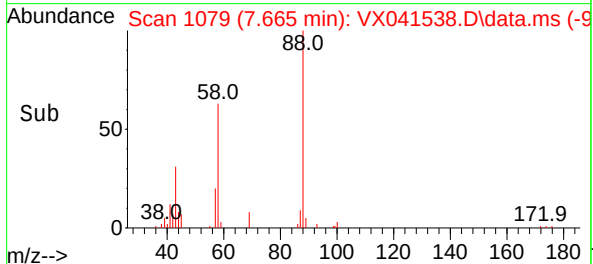
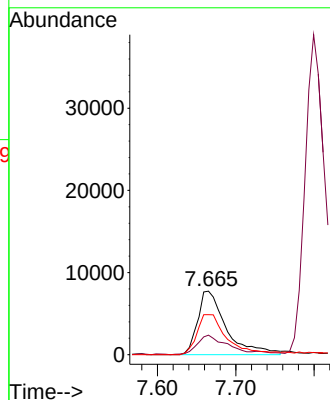
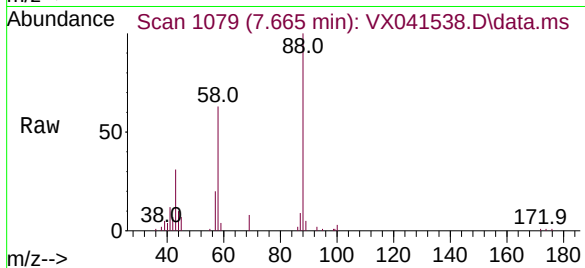
Tgt Ion: 88 Resp: 19590

Ion Ratio Lower Upper

88 100

43 30.9 24.9 37.3

58 64.9 47.0 70.4



#46

Methyl methacrylate

Concen: 17.969 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

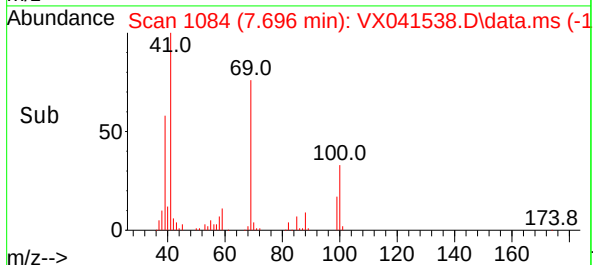
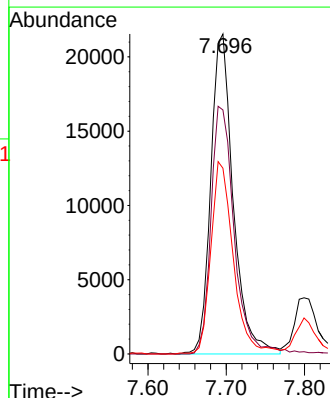
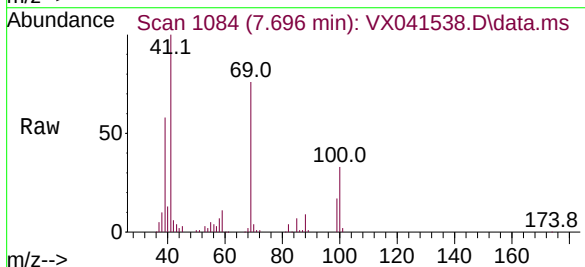
Tgt Ion: 41 Resp: 42994

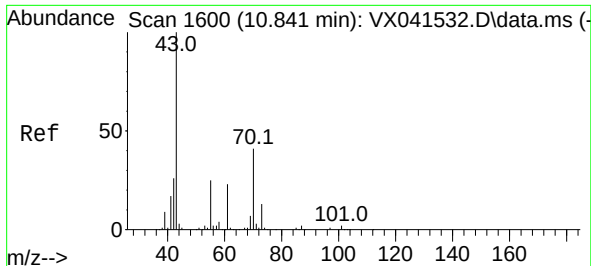
Ion Ratio Lower Upper

41 100

69 76.3 39.6 119.0

39 57.8 30.9 92.8





#47

n-amyl acetate

Concen: 17.441 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

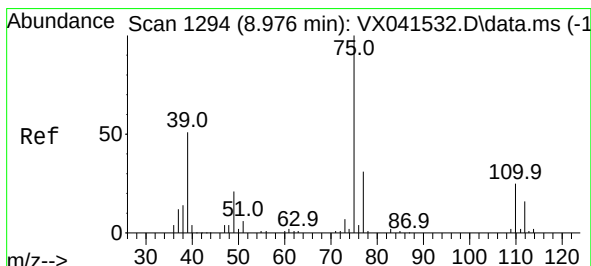
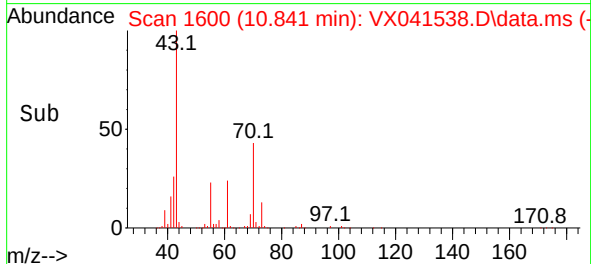
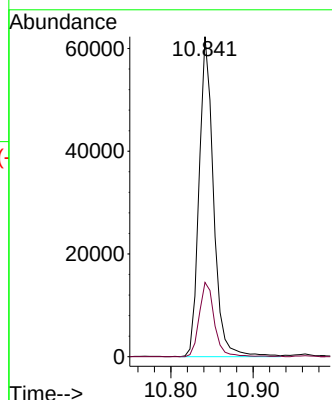
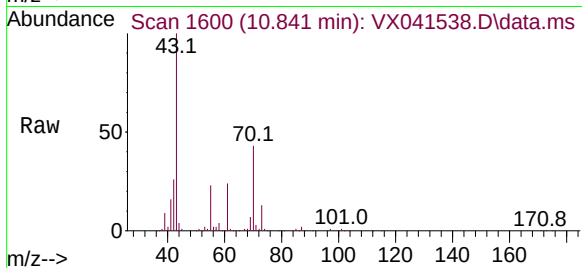
VX0515WBS01

Tgt Ion: 43 Resp: 76060

Ion Ratio Lower Upper

43 100

55 24.1 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 17.317 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041538.D

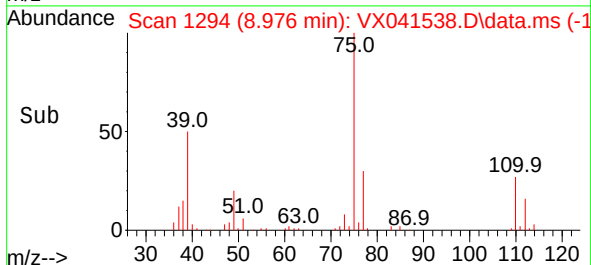
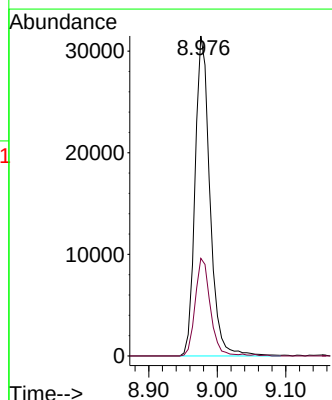
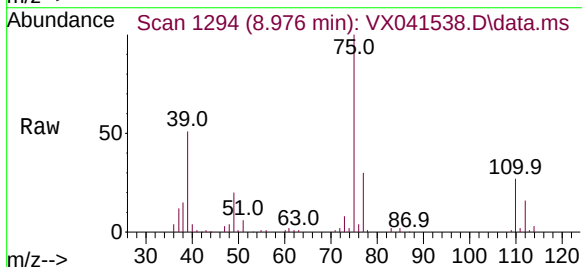
Acq: 15 May 2024 14:33

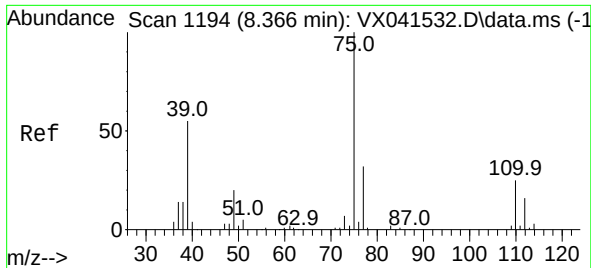
Tgt Ion: 75 Resp: 47651

Ion Ratio Lower Upper

75 100

77 30.5 24.5 36.7

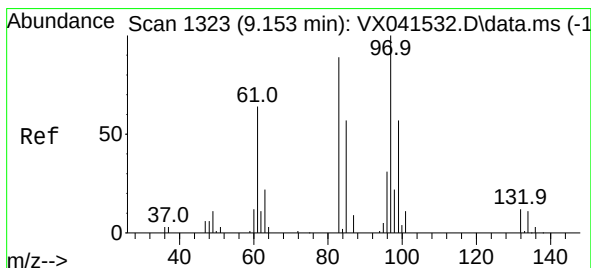
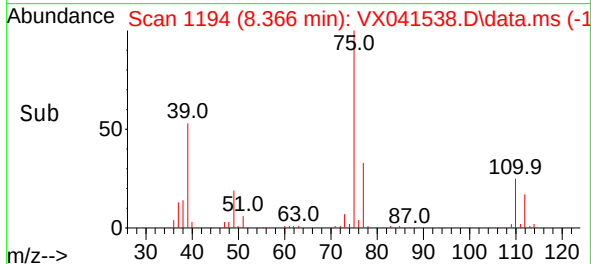
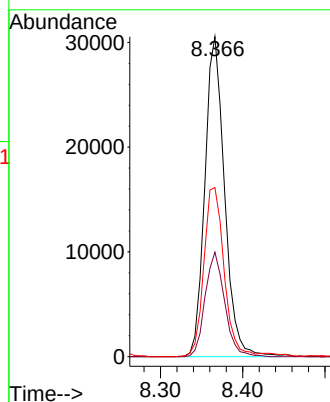
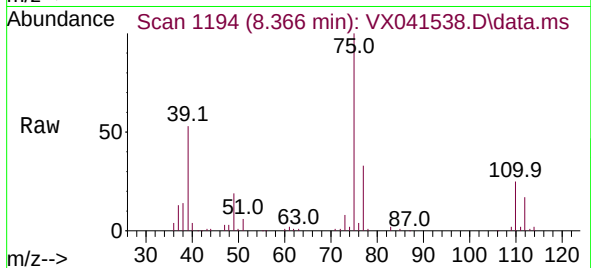




#49
cis-1,3-Dichloropropene
Concen: 17.086 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

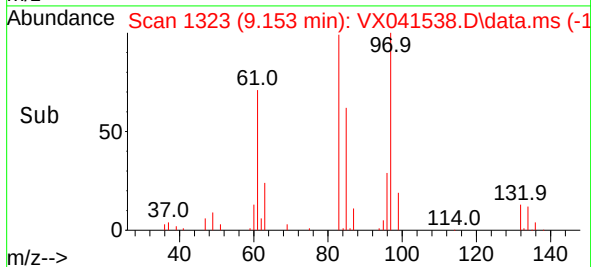
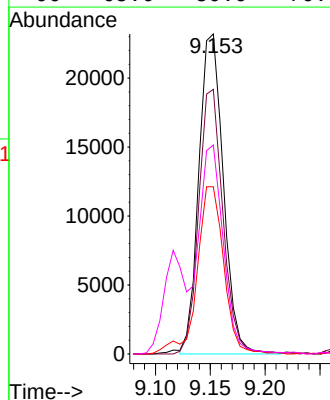
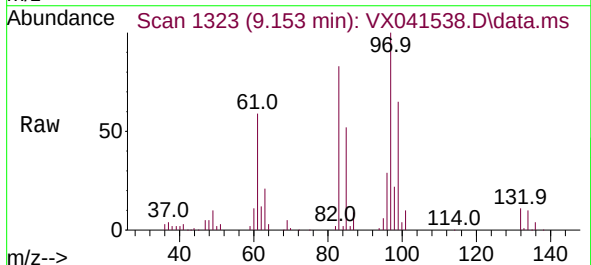
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

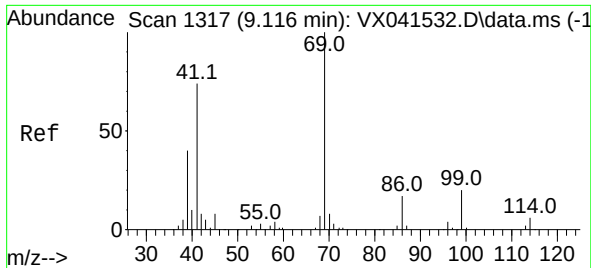
Tgt Ion: 75 Resp: 50923
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
39 52.7 43.6 65.4



#50
1,1,2-Trichloroethane
Concen: 17.739 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 97 Resp: 36017
Ion Ratio Lower Upper
97 100
83 82.7 71.3 106.9
85 52.0 45.7 68.5
99 65.0 50.9 76.3

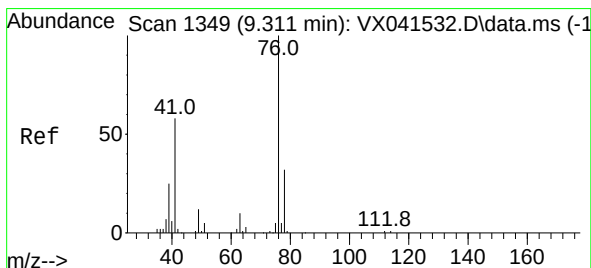
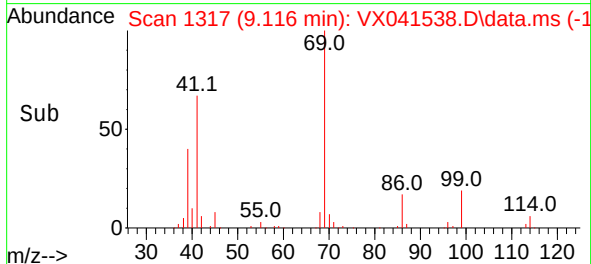
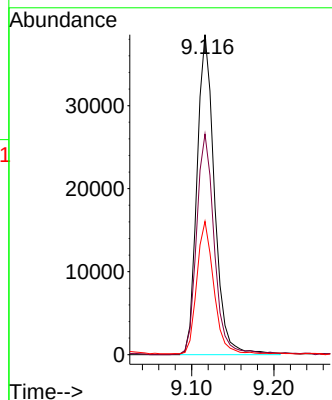
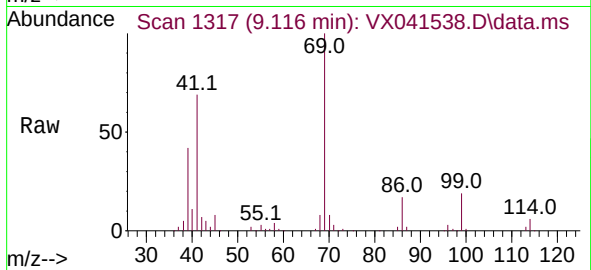




#51
Ethyl methacrylate
Concen: 17.451 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

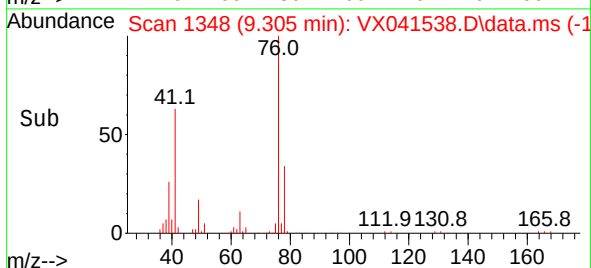
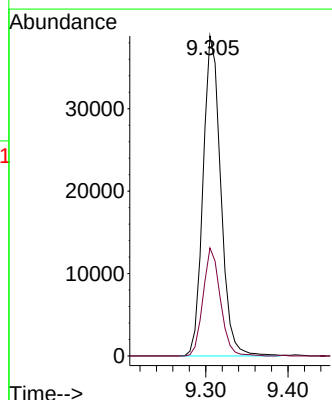
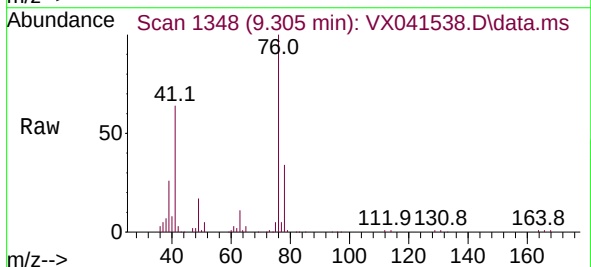
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

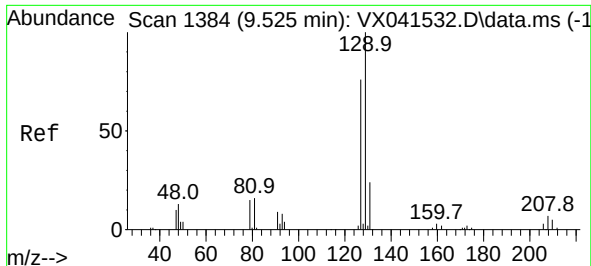
Tgt Ion: 69 Resp: 57031
Ion Ratio Lower Upper
69 100
41 68.7 37.1 111.3
39 41.4 20.2 60.6



#52
1,3-Dichloropropane
Concen: 17.340 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 76 Resp: 58175
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.4





#53

Dibromochloromethane

Concen: 17.122 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

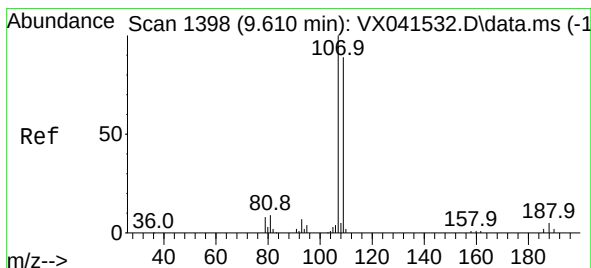
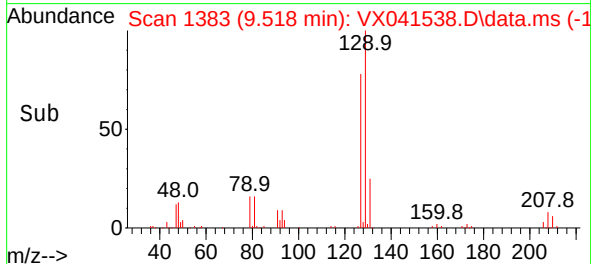
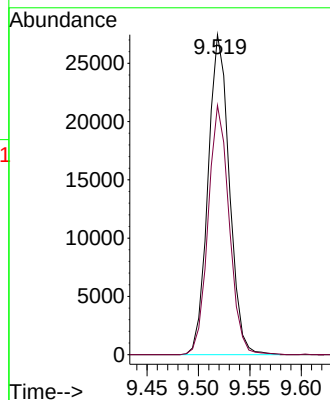
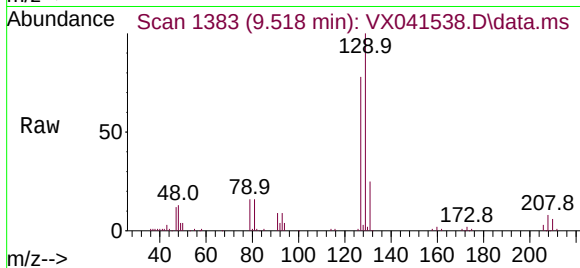
VX0515WBS01

Tgt Ion:129 Resp: 39554

Ion Ratio Lower Upper

129 100

127 76.8 38.9 116.7



#54

1,2-Dibromoethane

Concen: 17.872 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041538.D

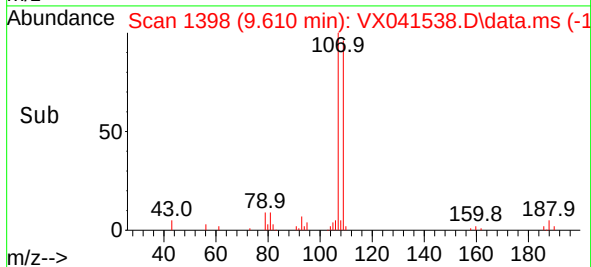
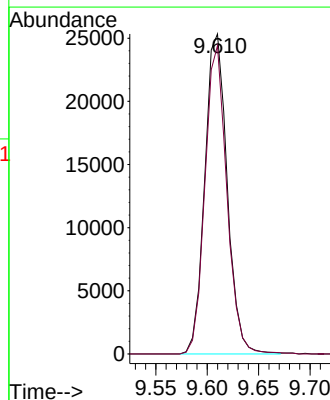
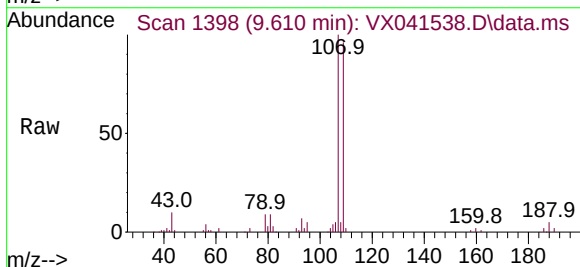
Acq: 15 May 2024 14:33

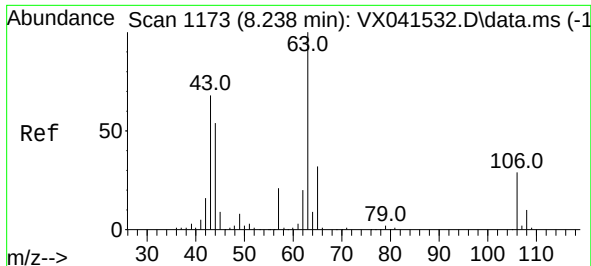
Tgt Ion:107 Resp: 38478

Ion Ratio Lower Upper

107 100

109 94.1 75.3 112.9

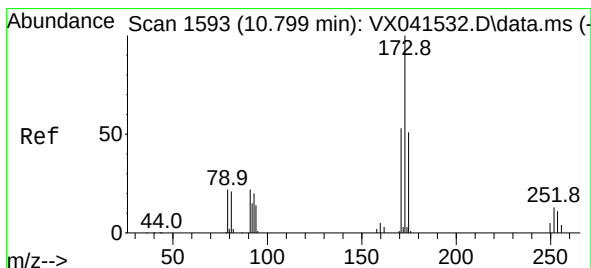
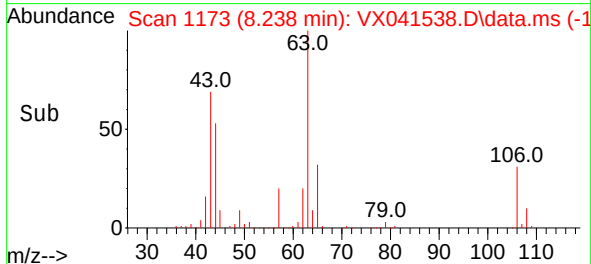
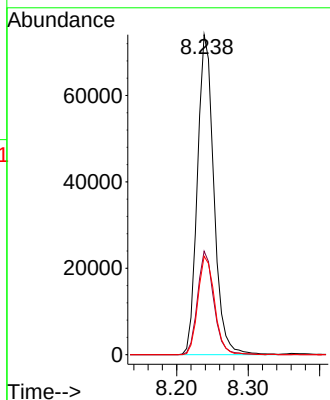
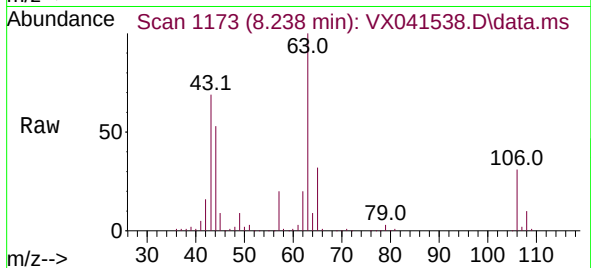




#55
2-Chloroethyl vinyl ether
Concen: 74.210 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

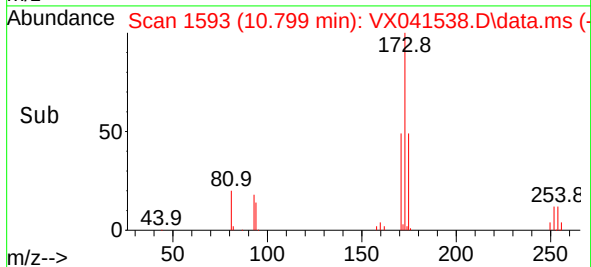
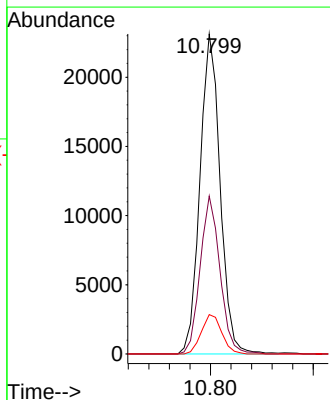
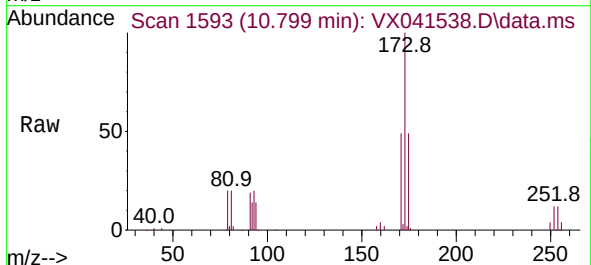
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

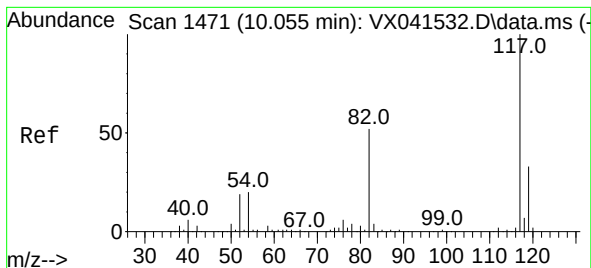
Tgt Ion: 63 Resp: 118376
Ion Ratio Lower Upper
63 100
65 32.1 25.5 38.3
106 31.2 24.7 37.1



#56
Bromoform
Concen: 17.063 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion:173 Resp: 31581
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
254 12.4 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: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

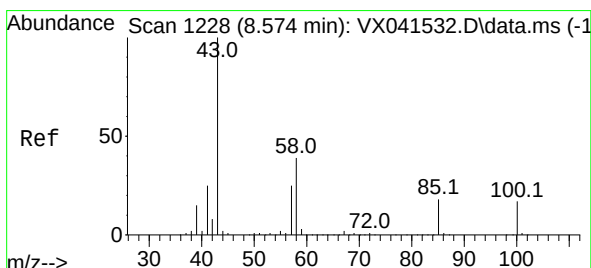
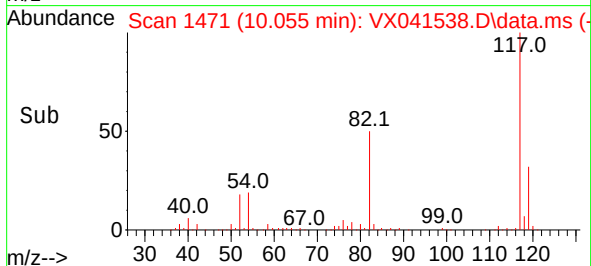
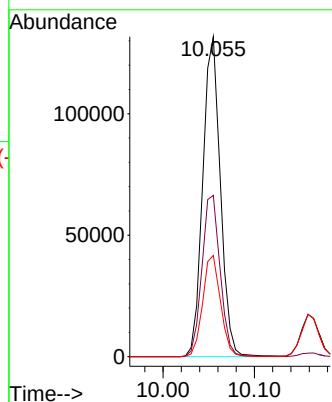
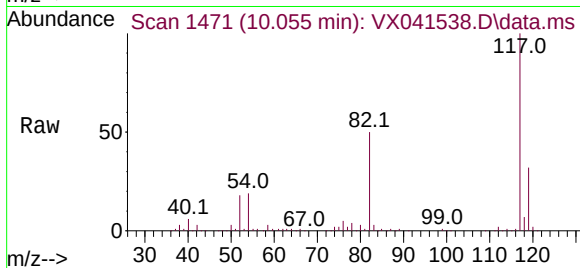
Tgt Ion:117 Resp: 176117

Ion Ratio Lower Upper

117 100

82 52.1 41.7 62.5

119 32.1 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 90.668 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

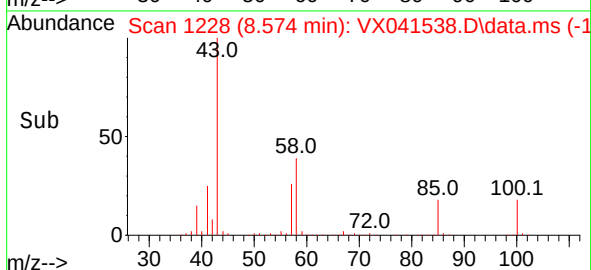
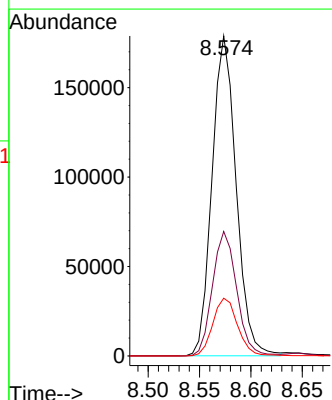
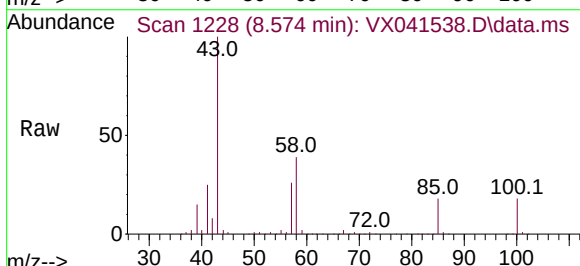
Tgt Ion: 43 Resp: 291763

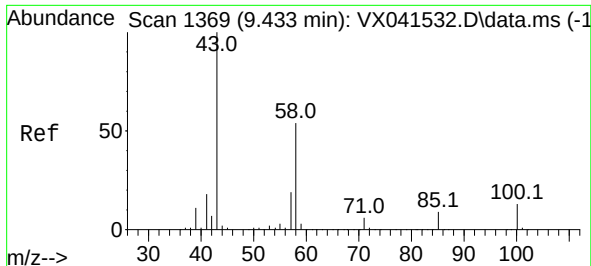
Ion Ratio Lower Upper

43 100

58 39.1 30.2 45.4

85 18.6 14.6 21.8

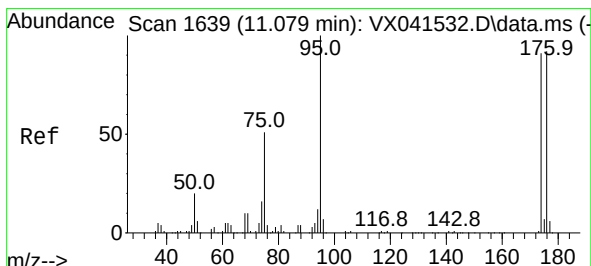
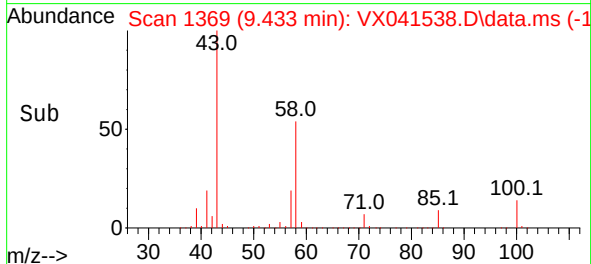
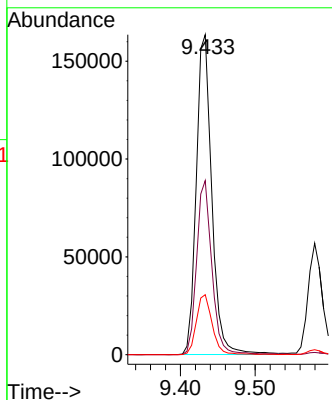
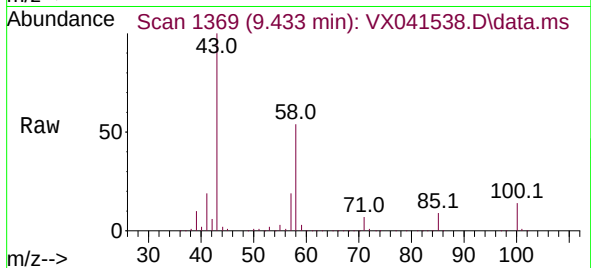




#59
2-Hexanone
Concen: 92.030 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

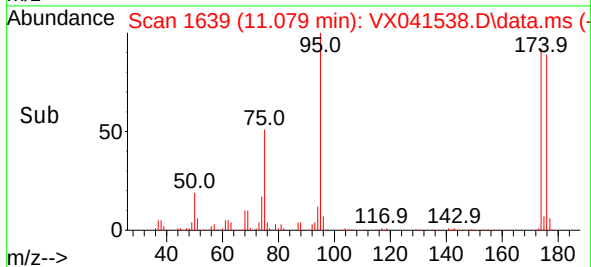
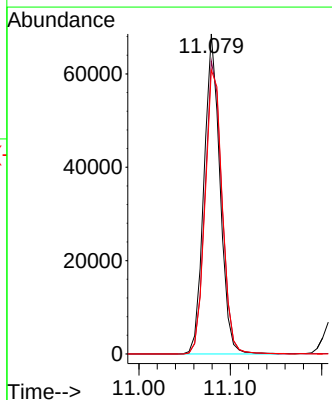
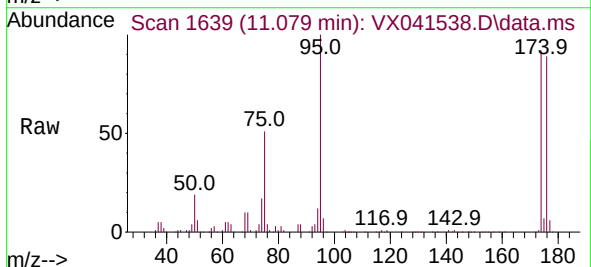
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

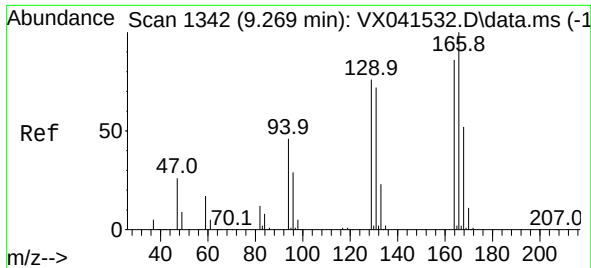
Tgt Ion: 43 Resp: 235923
Ion Ratio Lower Upper
43 100
58 53.1 42.3 63.5
57 19.1 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.192 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 95 Resp: 83006
Ion Ratio Lower Upper
95 100
174 96.1 76.6 115.0
176 95.2 75.4 113.0

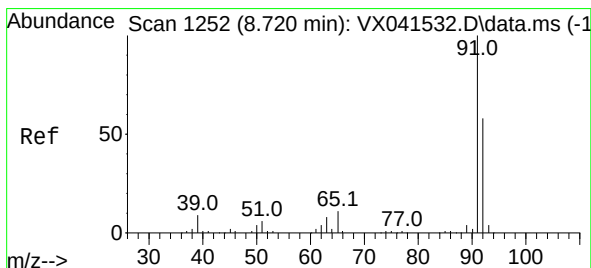
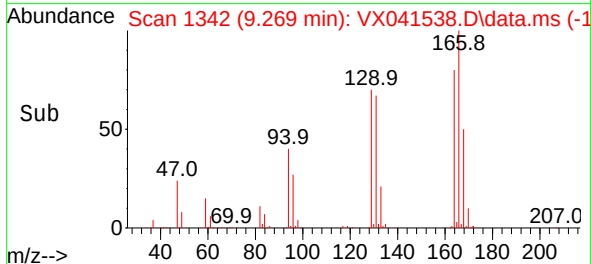
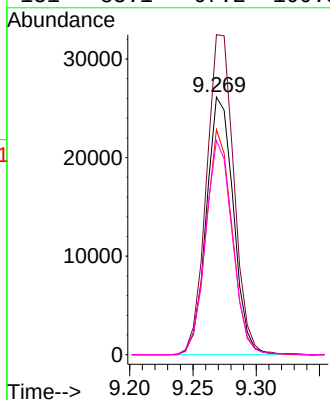
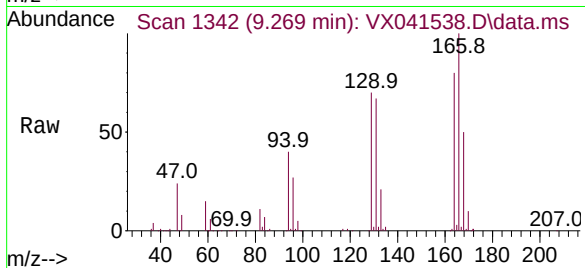




#61
Tetrachloroethene
Concen: 17.983 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

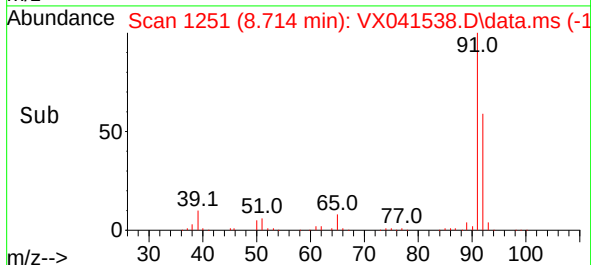
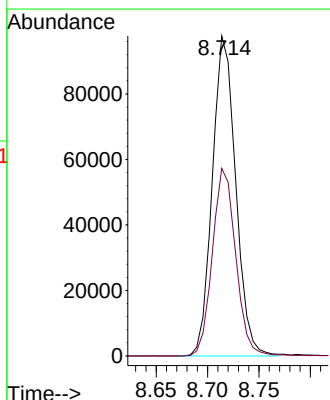
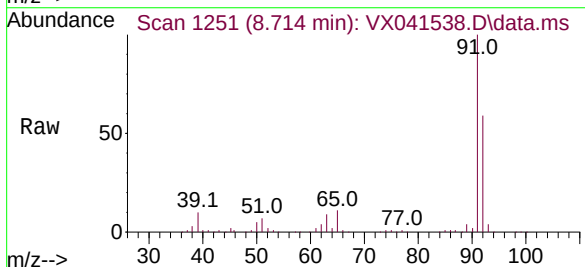
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

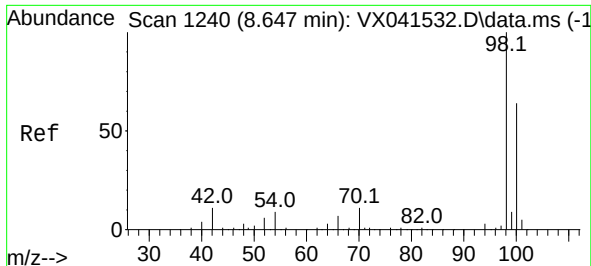
Tgt Ion:164 Resp: 38749
Ion Ratio Lower Upper
164 100
166 124.0 92.8 139.2
129 87.2 70.1 105.1
131 83.1 67.2 100.8



#62
Toluene
Concen: 17.620 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 91 Resp: 154409
Ion Ratio Lower Upper
91 100
92 58.7 47.0 70.6





#63

Toluene-d8

Concen: 29.382 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

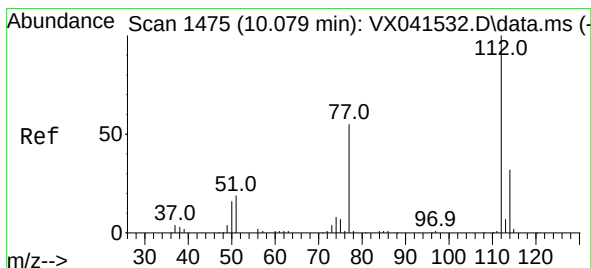
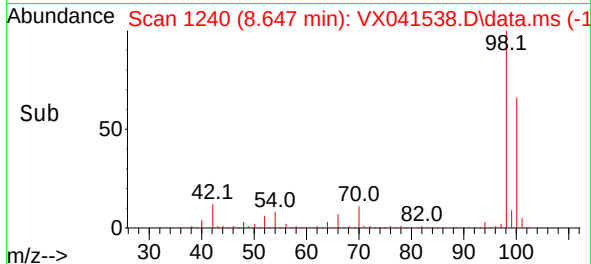
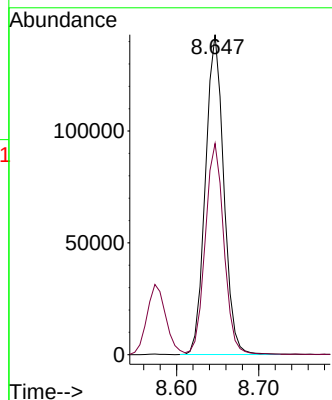
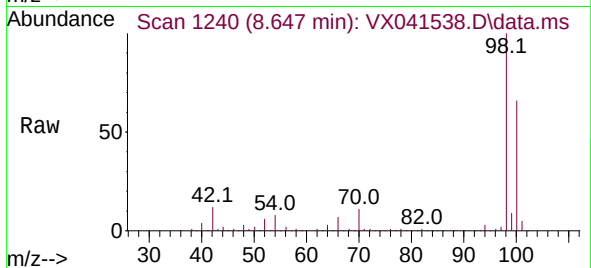
VX0515WBS01

Tgt Ion: 98 Resp: 221819

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#64

Chlorobenzene

Concen: 17.801 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041538.D

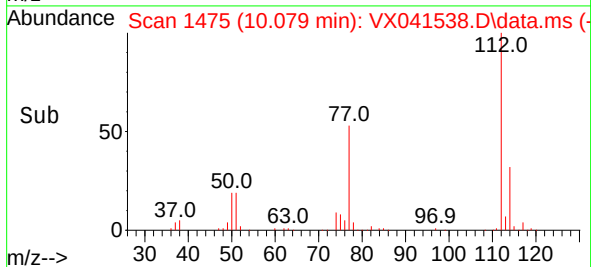
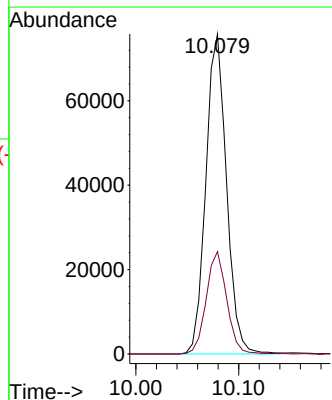
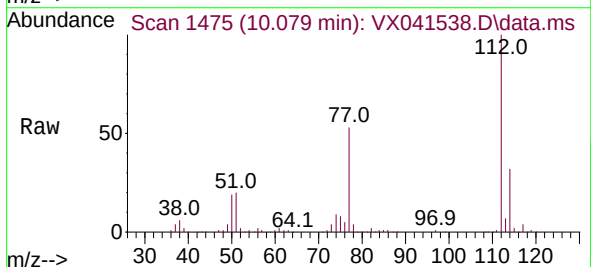
Acq: 15 May 2024 14:33

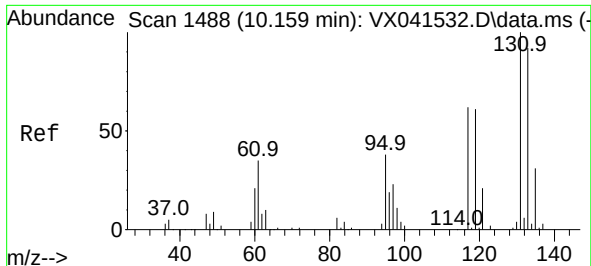
Tgt Ion: 112 Resp: 105960

Ion Ratio Lower Upper

112 100

114 32.0 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 17.285 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

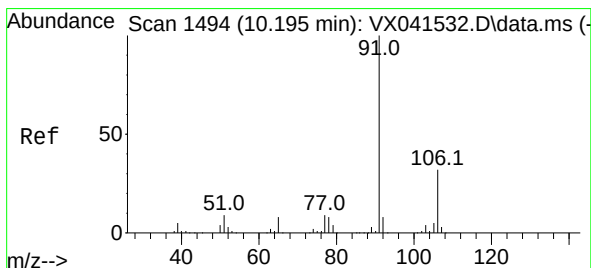
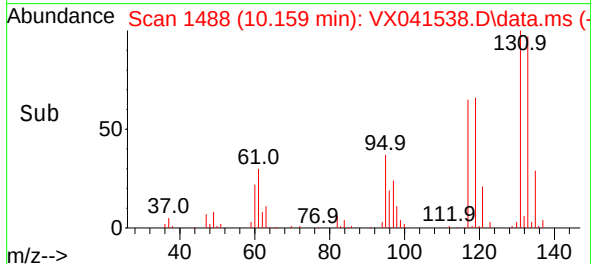
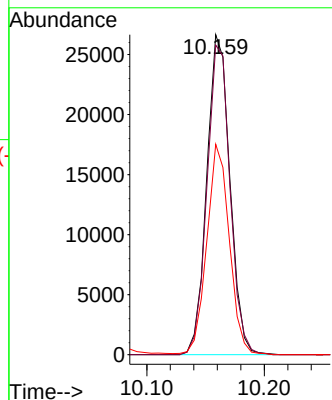
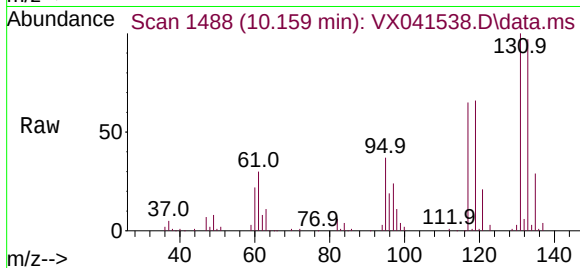
Tgt Ion:131 Resp: 36417

Ion Ratio Lower Upper

131 100

133 96.6 0.0 191.6

119 64.2 0.0 126.4



#66

Ethyl Benzene

Concen: 17.528 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041538.D

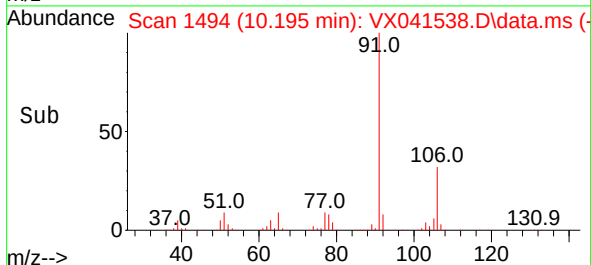
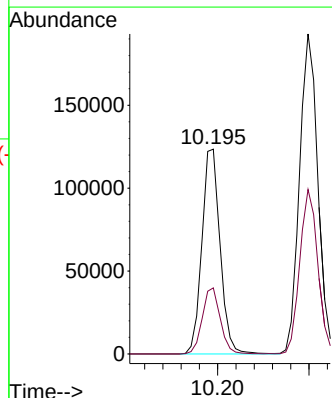
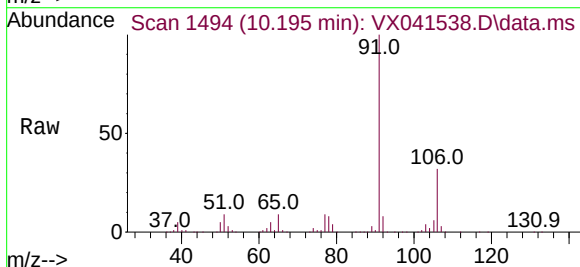
Acq: 15 May 2024 14:33

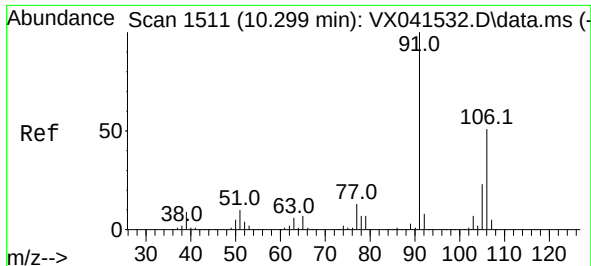
Tgt Ion: 91 Resp: 170563

Ion Ratio Lower Upper

91 100

106 32.3 25.9 38.9

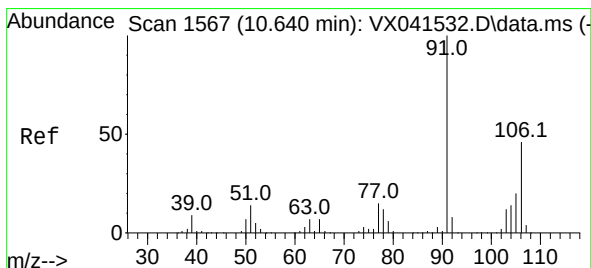
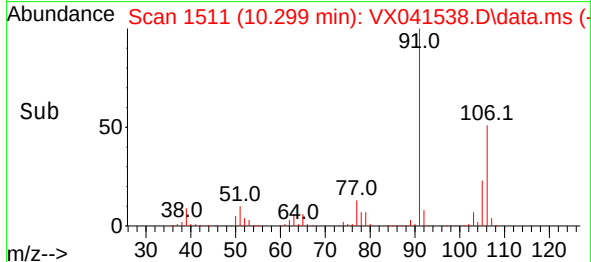
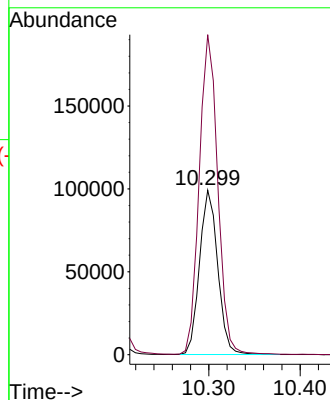
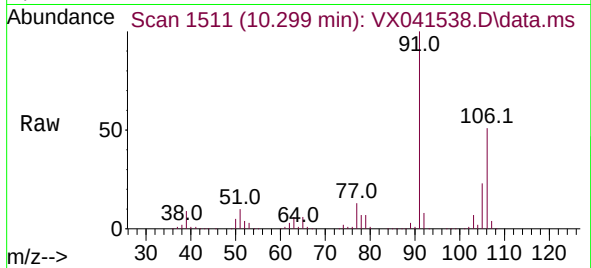




#67
m/p-Xylenes
Concen: 36.053 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

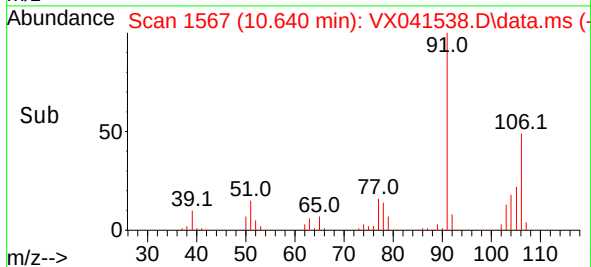
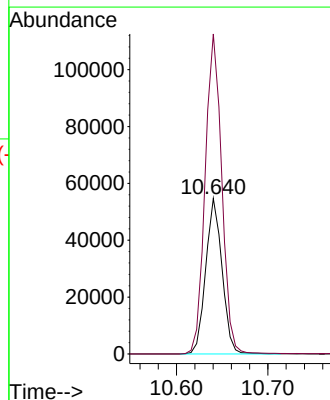
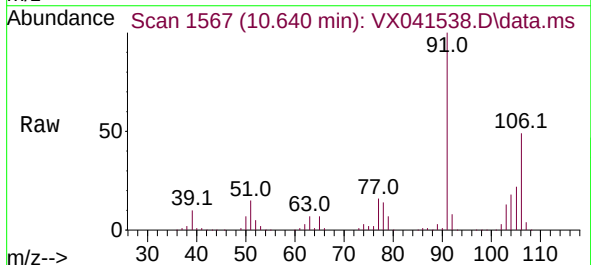
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

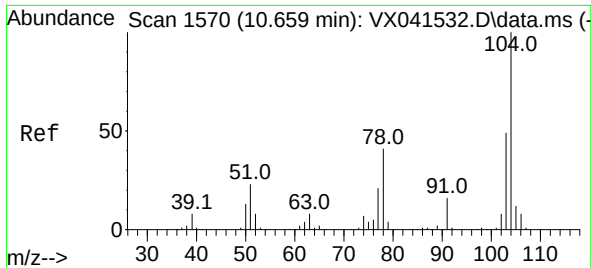
Tgt Ion:106 Resp: 137188
Ion Ratio Lower Upper
106 100
91 197.9 156.5 234.7



#68
o-Xylene
Concen: 17.698 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion:106 Resp: 67790
Ion Ratio Lower Upper
106 100
91 209.5 105.2 315.6





#69

Styrene

Concen: 17.495 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

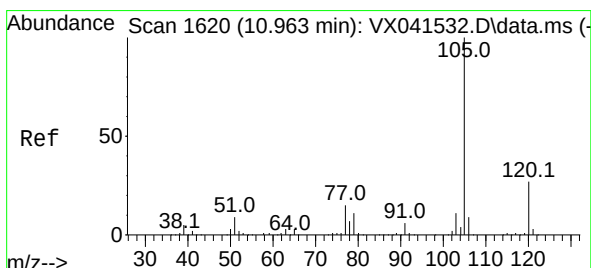
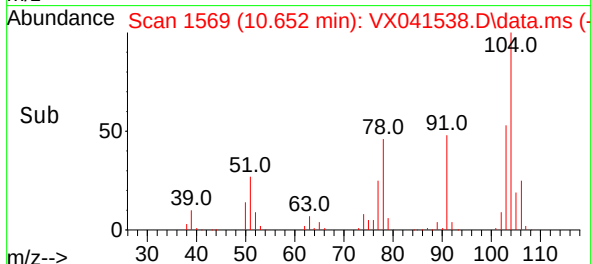
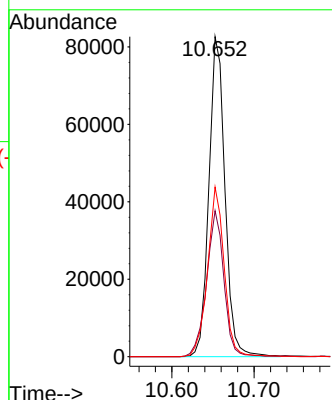
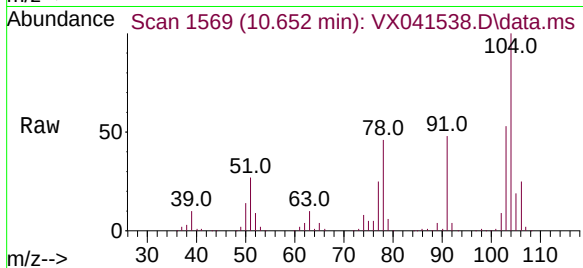
Tgt Ion:104 Resp: 112358

Ion Ratio Lower Upper

104 100

78 49.1 39.3 58.9

103 55.0 43.2 64.8



#70

Isopropylbenzene

Concen: 18.213 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041538.D

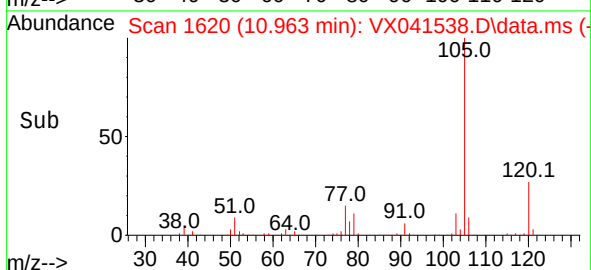
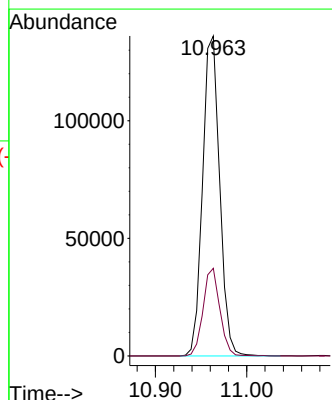
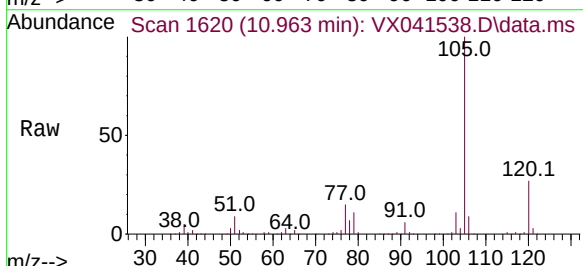
Acq: 15 May 2024 14:33

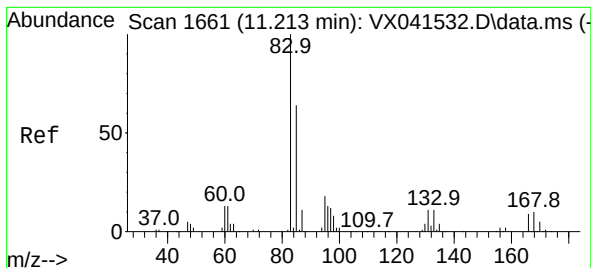
Tgt Ion:105 Resp: 176278

Ion Ratio Lower Upper

105 100

120 26.9 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 17.755 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

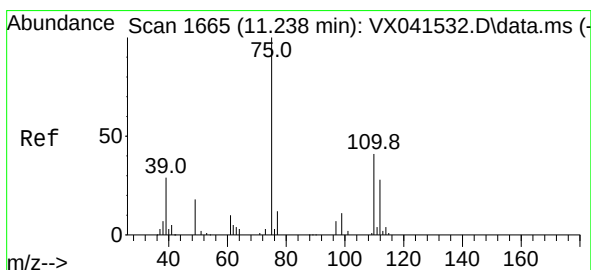
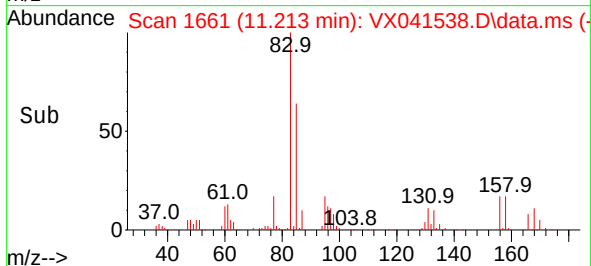
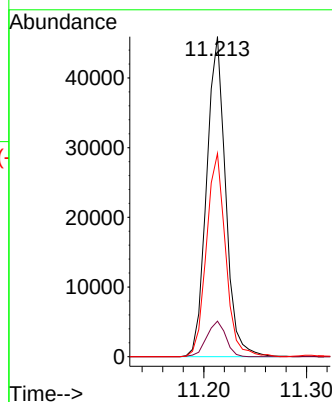
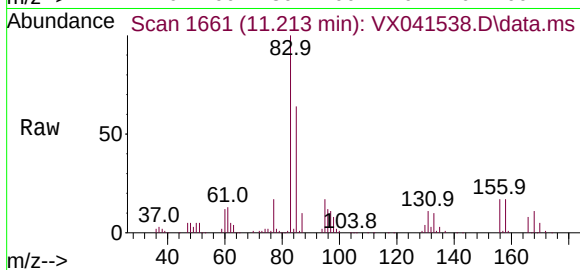
Tgt Ion: 83 Resp: 59035

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

85 64.2 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 21.397 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041538.D

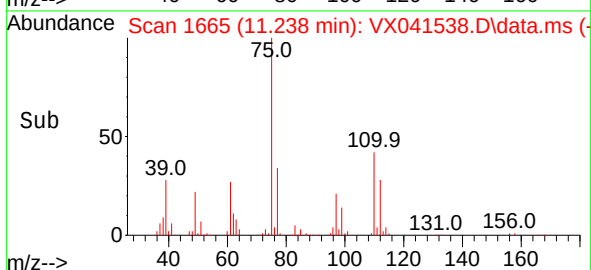
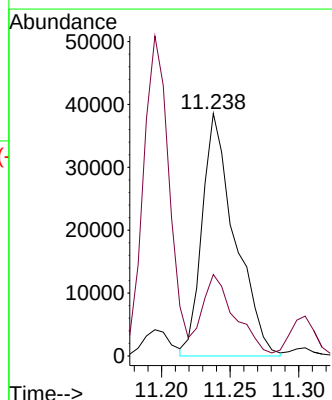
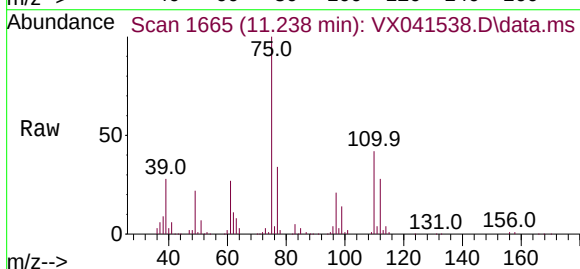
Acq: 15 May 2024 14:33

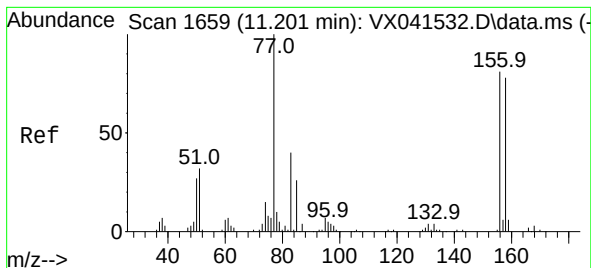
Tgt Ion: 75 Resp: 64161

Ion Ratio Lower Upper

75 100

77 33.8 0.0 78.8





#73

Bromobenzene

Concen: 17.319 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

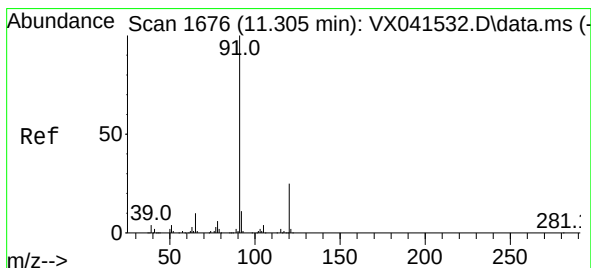
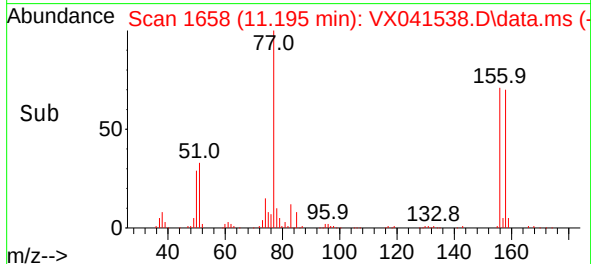
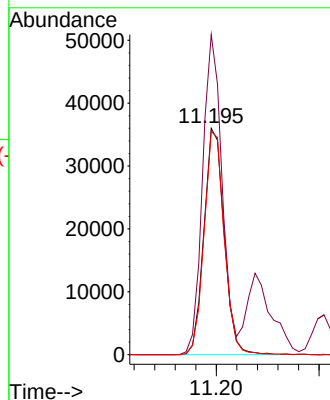
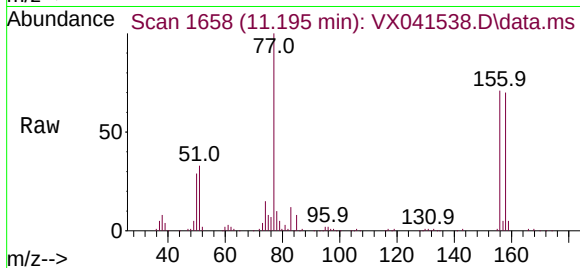
Tgt Ion:156 Resp: 49254

Ion Ratio Lower Upper

156 100

77 135.6 0.0 267.4

158 98.2 0.0 192.8



#74

n-propylbenzene

Concen: 18.024 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041538.D

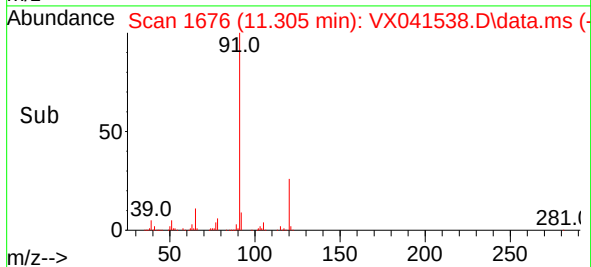
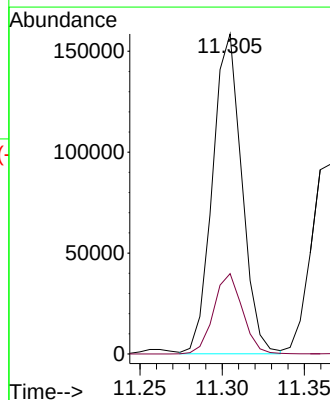
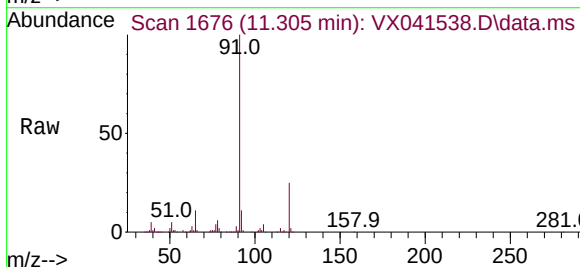
Acq: 15 May 2024 14:33

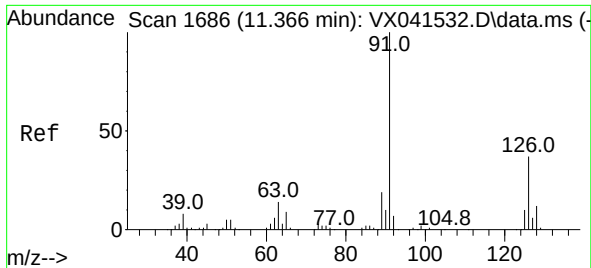
Tgt Ion: 91 Resp: 196708

Ion Ratio Lower Upper

91 100

120 24.6 0.0 48.4

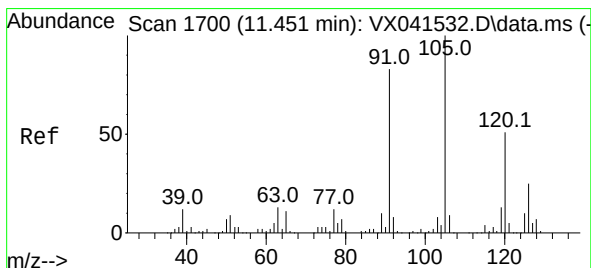
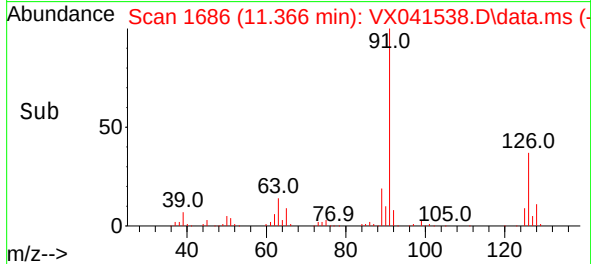
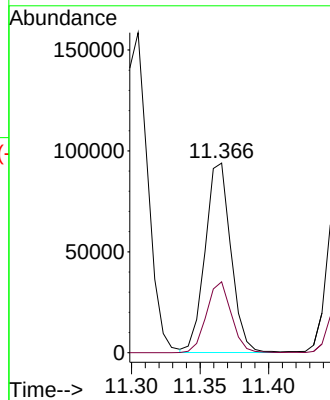
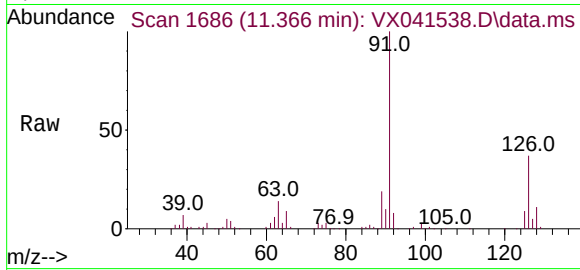




#75
2-Chlorotoluene
Concen: 17.947 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

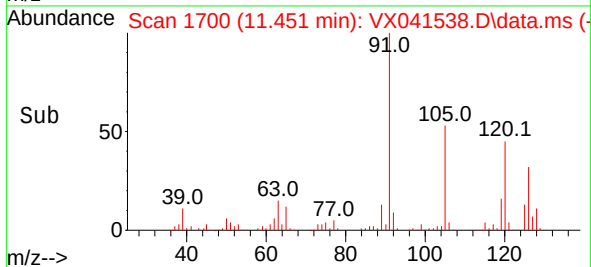
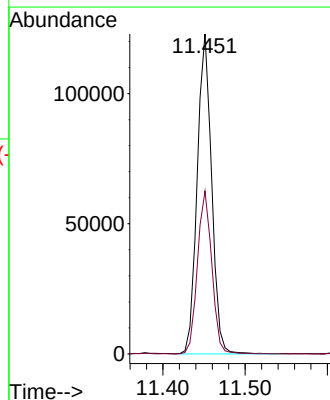
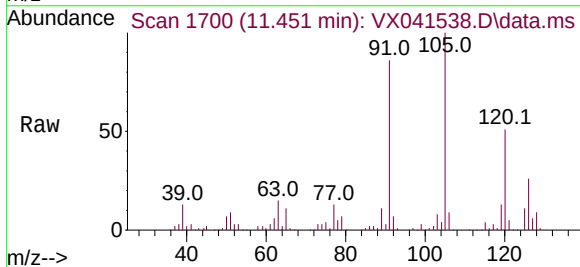
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

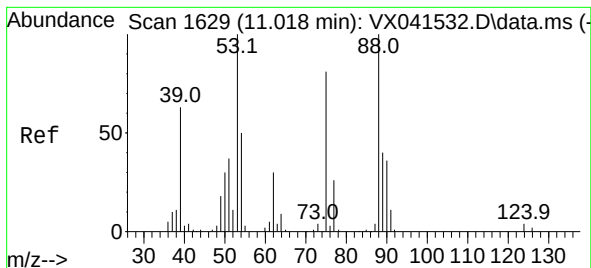
Tgt Ion: 91 Resp: 123000
Ion Ratio Lower Upper
91 100
126 36.0 0.0 71.6



#76
1,3,5-Trimethylbenzene
Concen: 18.118 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion:105 Resp: 149678
Ion Ratio Lower Upper
105 100
120 50.9 0.0 102.6

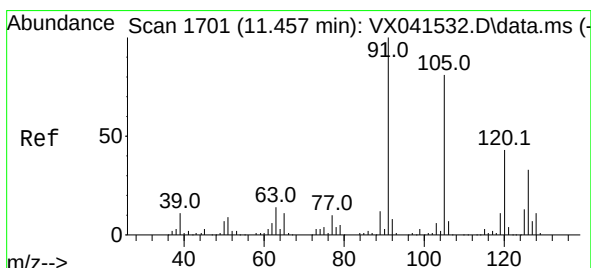
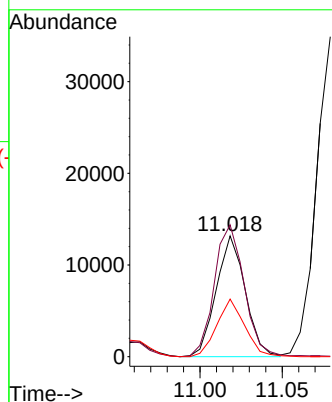
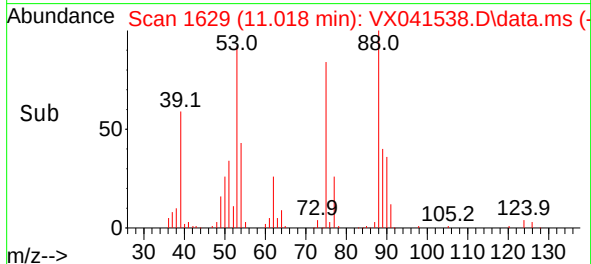
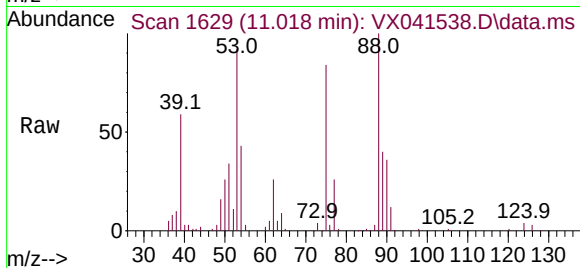




#77
t-1,4-Dichloro-2-butene
Concen: 17.160 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

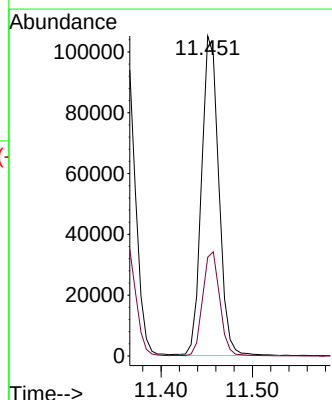
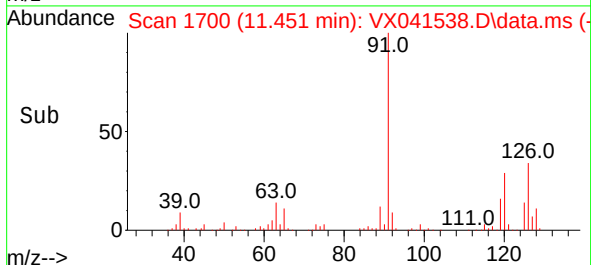
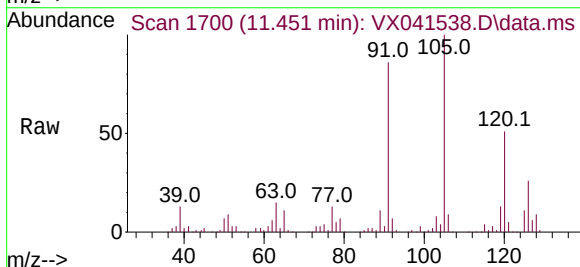
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

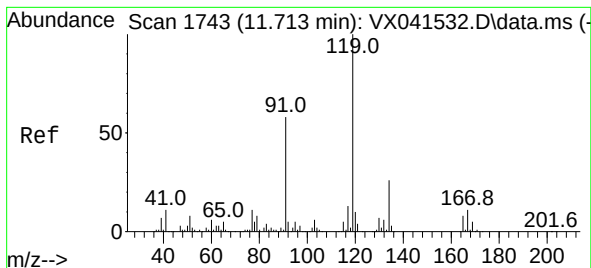
Tgt Ion: 75 Resp: 16173
Ion Ratio Lower Upper
75 100
53 109.1 61.8 185.3
89 47.7 24.9 74.7



#78
4-Chlorotoluene
Concen: 17.632 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 91 Resp: 137632
Ion Ratio Lower Upper
91 100
126 32.1 0.0 62.2





#79

tert-butylbenzene

Concen: 18.035 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

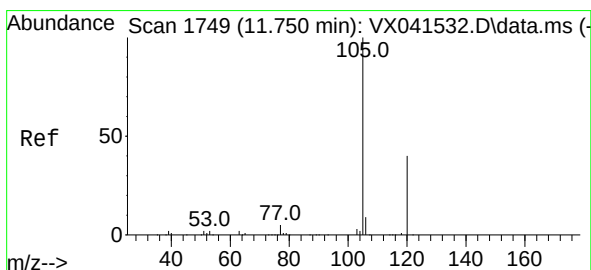
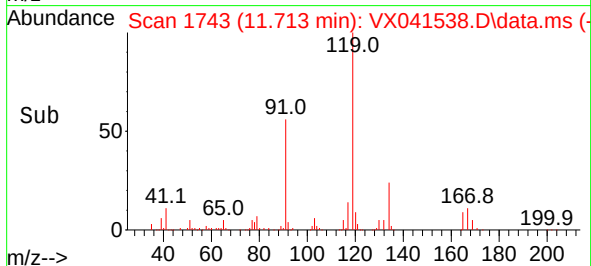
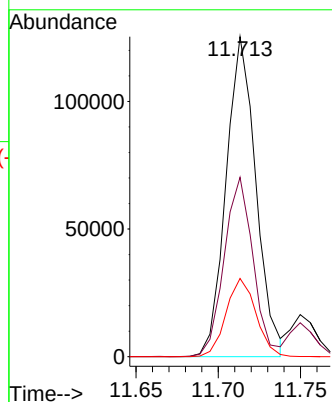
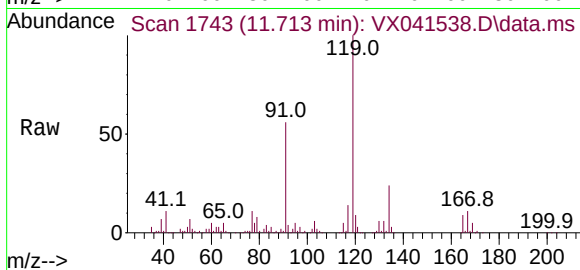
Tgt Ion:119 Resp: 158575

Ion Ratio Lower Upper

119 100

91 54.5 0.0 110.0

134 24.5 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 17.979 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041538.D

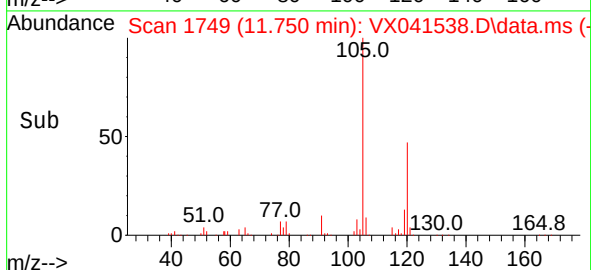
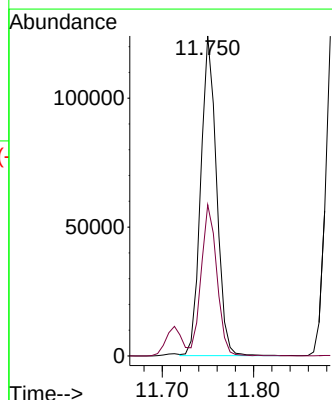
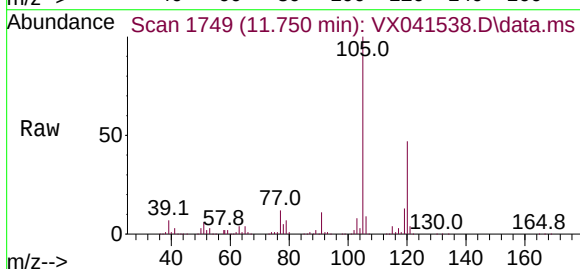
Acq: 15 May 2024 14:33

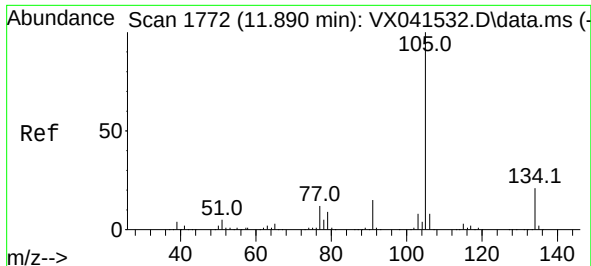
Tgt Ion:105 Resp: 148874

Ion Ratio Lower Upper

105 100

120 46.4 0.0 92.2

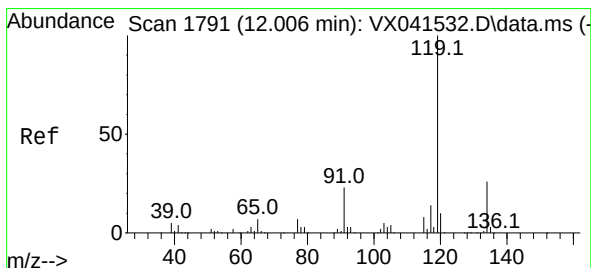
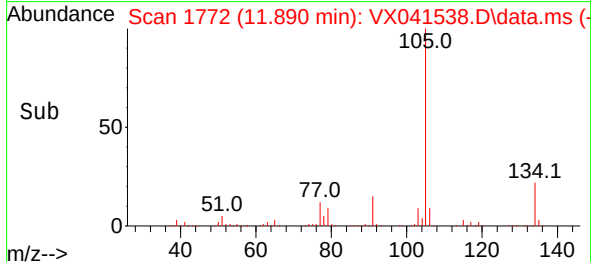
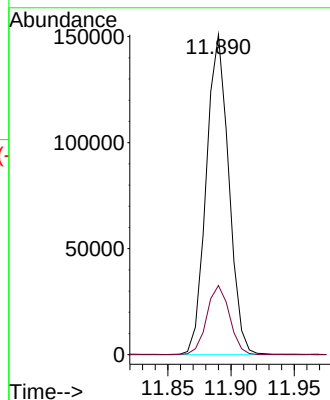
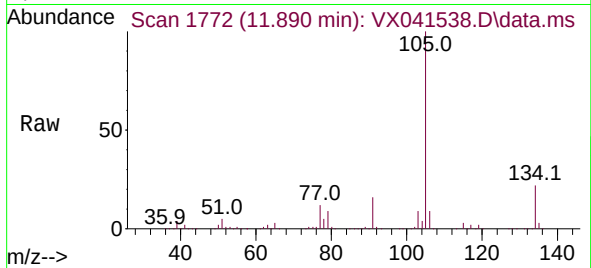




#81
 sec-Butylbenzene
 Concen: 18.188 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041538.D
 Acq: 15 May 2024 14:33

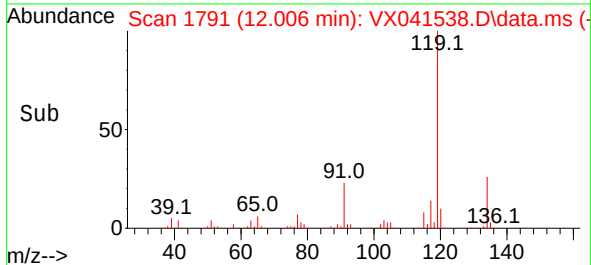
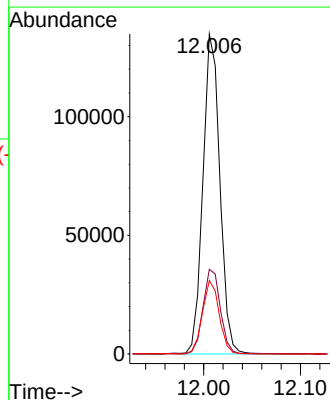
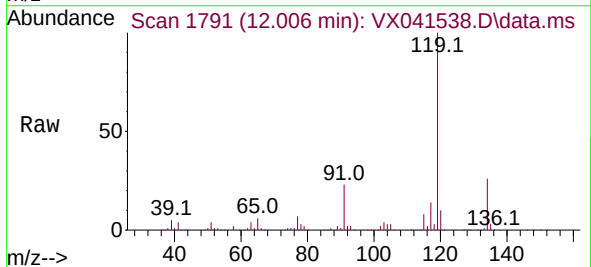
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

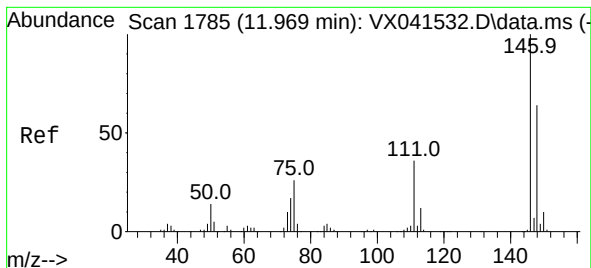
Tgt Ion:105 Resp: 186874
 Ion Ratio Lower Upper
 105 100
 134 21.9 0.0 43.4



#82
 p-Isopropyltoluene
 Concen: 18.301 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041538.D
 Acq: 15 May 2024 14:33

Tgt Ion:119 Resp: 164596
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 53.4
 91 22.7 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 17.833 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

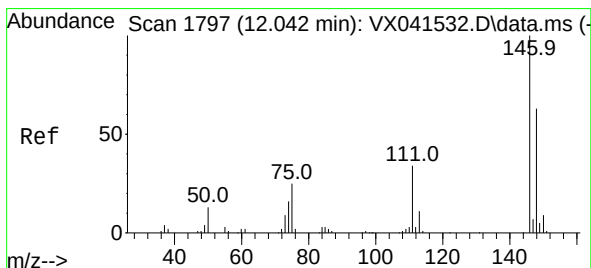
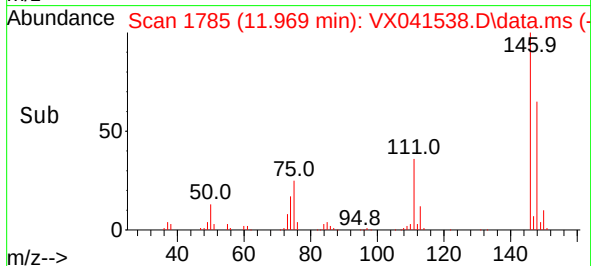
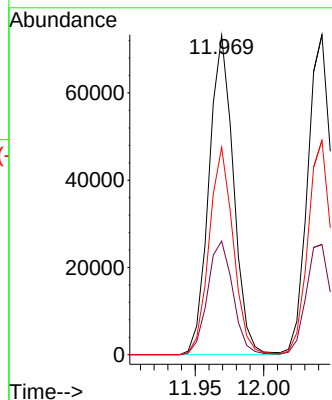
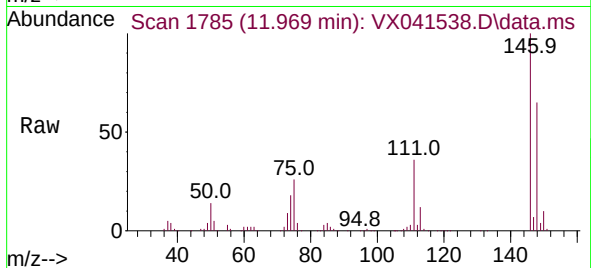
Tgt Ion:146 Resp: 90954

Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.2

148 63.9 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 17.683 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

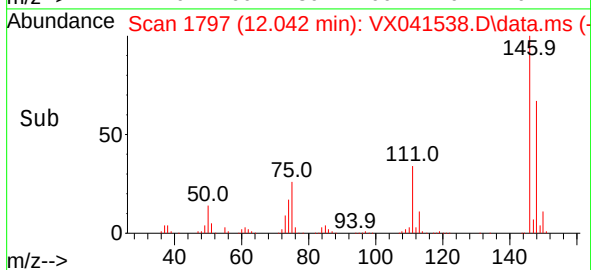
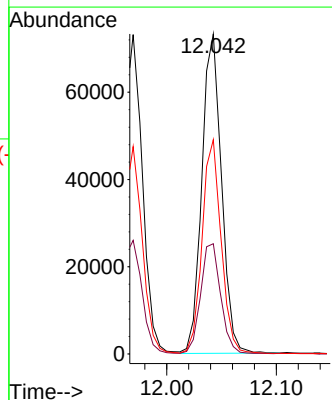
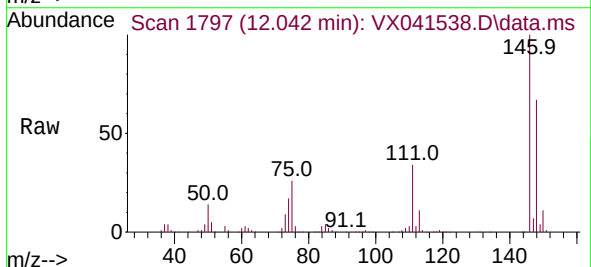
Tgt Ion:146 Resp: 91130

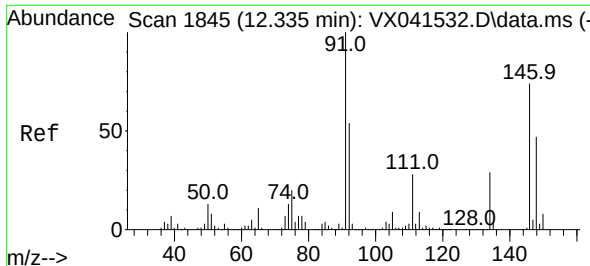
Ion Ratio Lower Upper

146 100

111 35.6 17.8 53.5

148 65.7 31.9 95.5

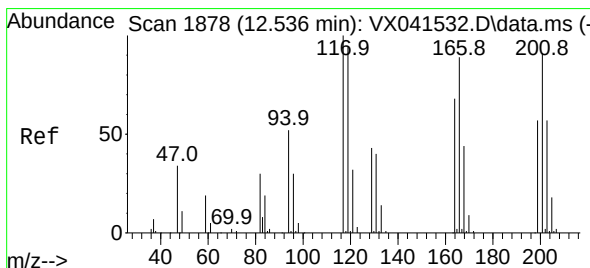
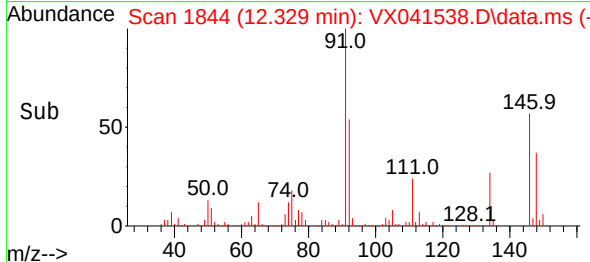
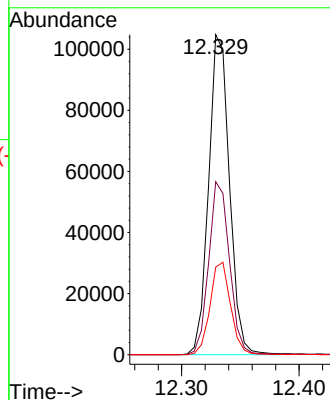
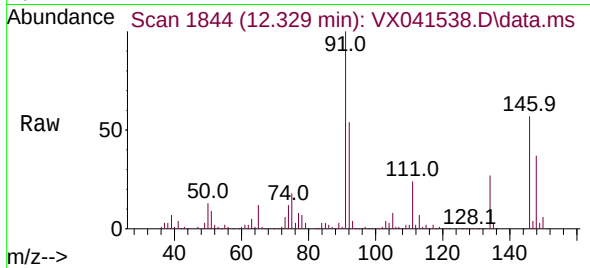




#85
n-Butylbenzene
Concen: 17.853 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

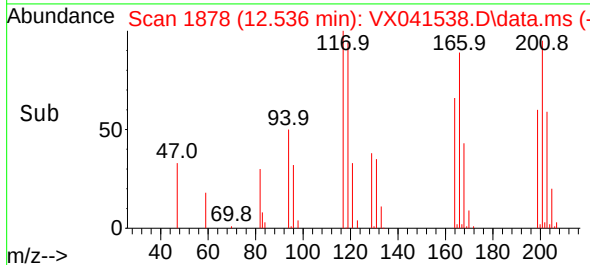
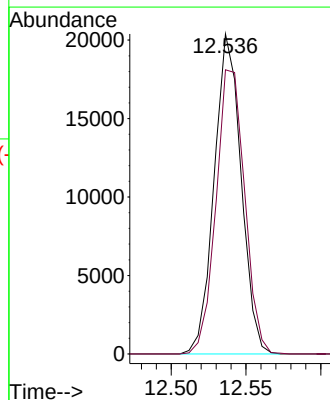
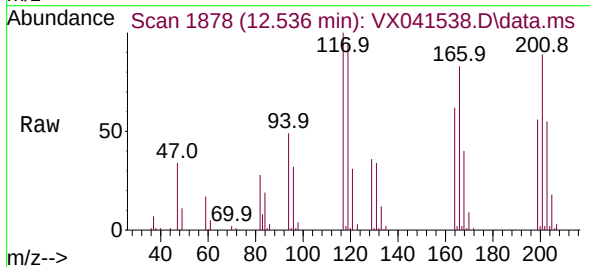
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

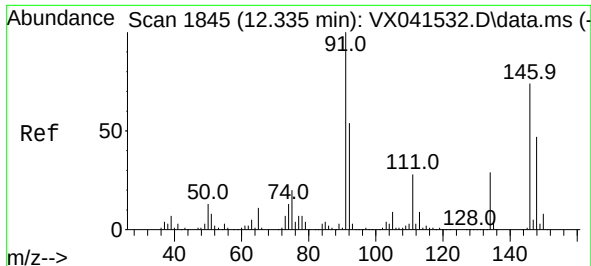
Tgt Ion: 91 Resp: 129207
Ion Ratio Lower Upper
91 100
92 54.0 0.0 108.4
134 28.5 0.0 56.6



#86
Hexachloroethane
Concen: 16.875 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion: 117 Resp: 25553
Ion Ratio Lower Upper
117 100
201 94.5 47.3 141.8

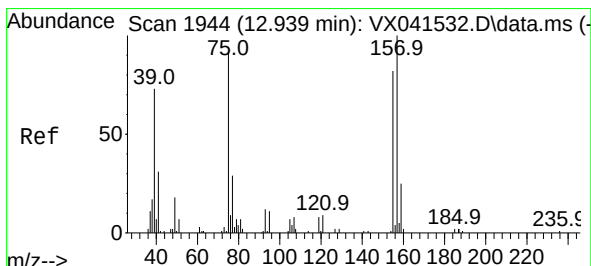
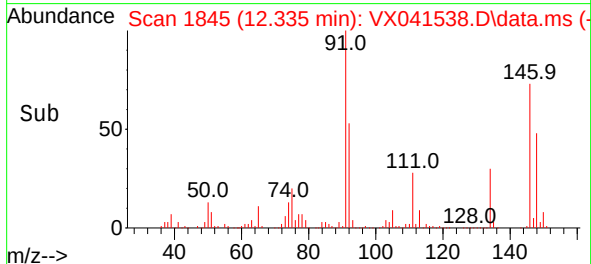
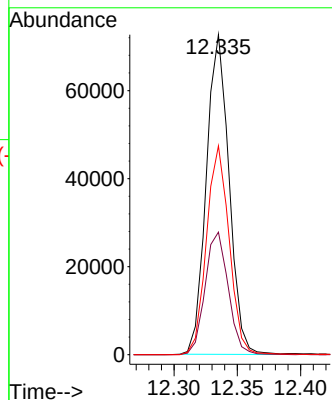
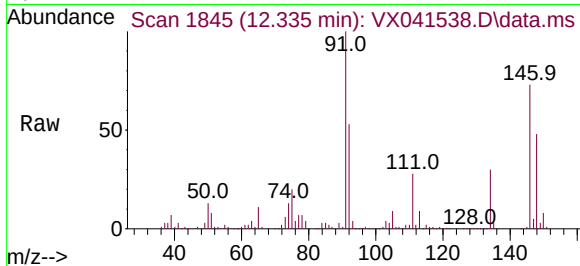




#87
 1,2-Dichlorobenzene
 Concen: 17.434 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX041538.D
 Acq: 15 May 2024 14:33

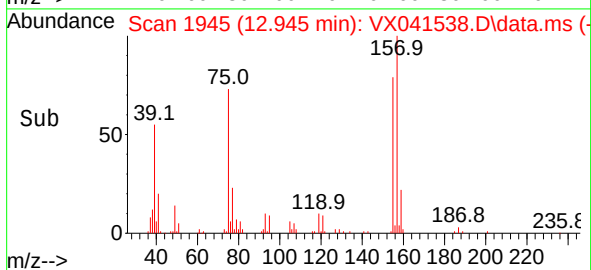
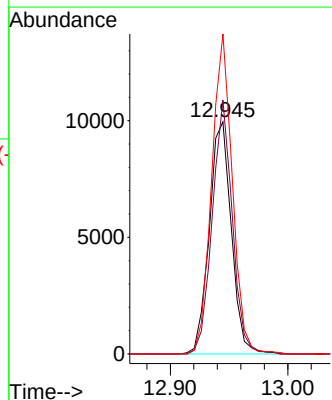
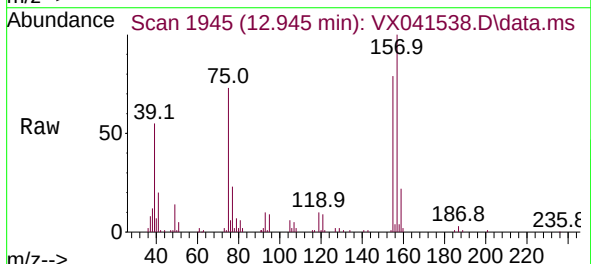
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

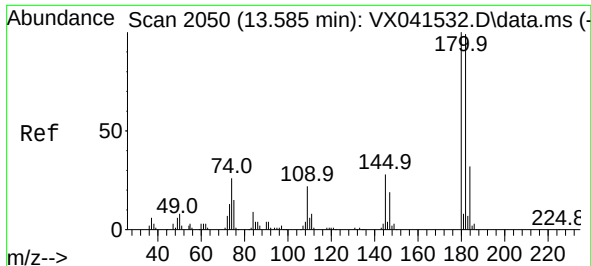
Tgt Ion:146 Resp: 90758
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.9
 148 65.4 31.8 95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.773 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX041538.D
 Acq: 15 May 2024 14:33

Tgt Ion: 75 Resp: 12978
 Ion Ratio Lower Upper
 75 100
 155 99.2 80.4 120.6
 157 128.9 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 18.047 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

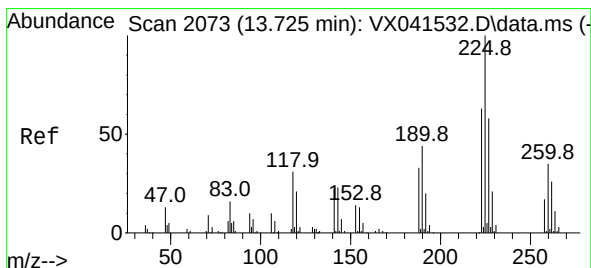
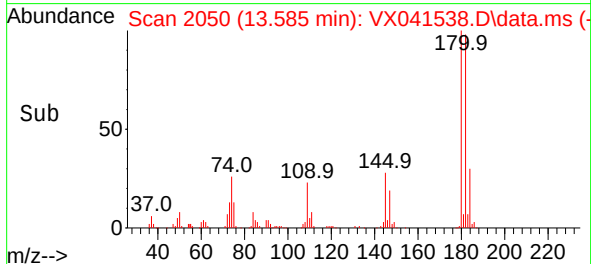
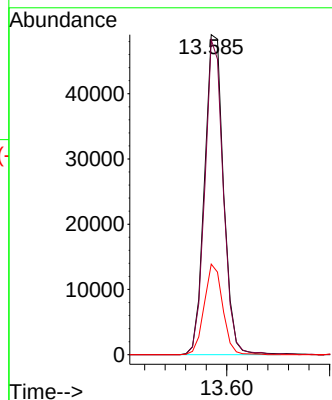
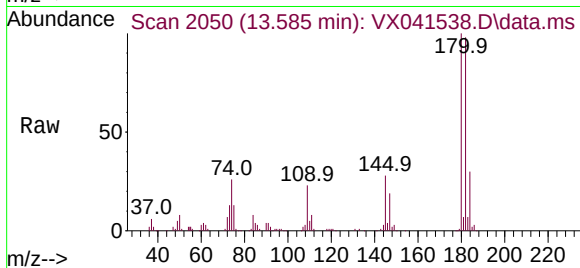
Tgt Ion:180 Resp: 63126

Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.4

145 27.5 22.7 34.1



#90

Hexachlorobutadiene

Concen: 18.858 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041538.D

Acq: 15 May 2024 14:33

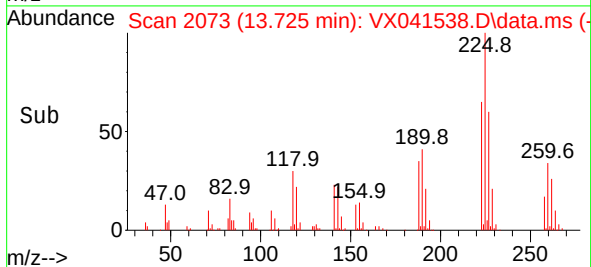
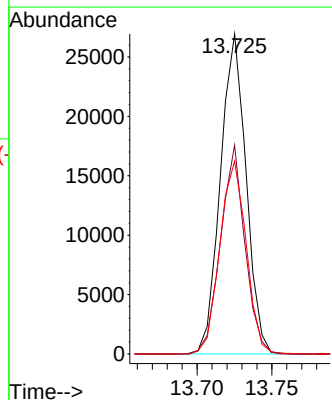
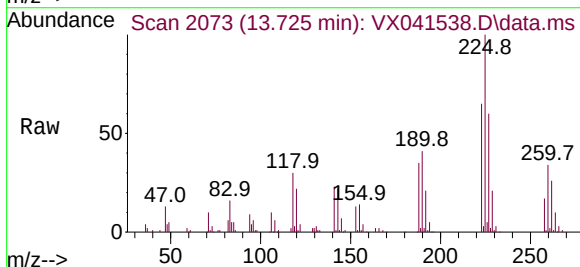
Tgt Ion:225 Resp: 32181

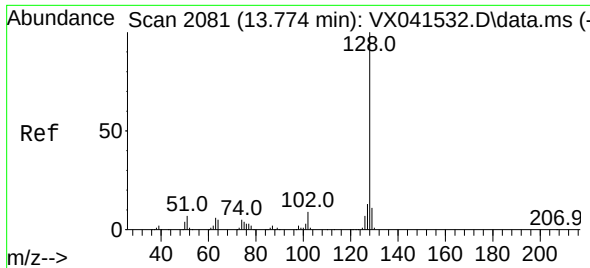
Ion Ratio Lower Upper

225 100

223 61.6 0.0 125.8

227 61.8 0.0 125.6

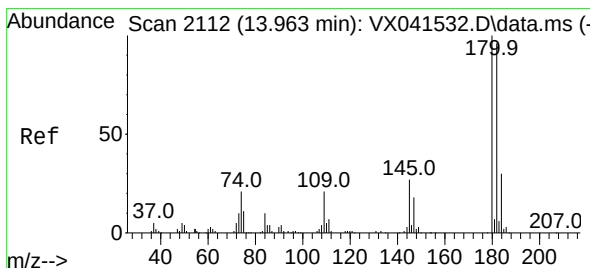
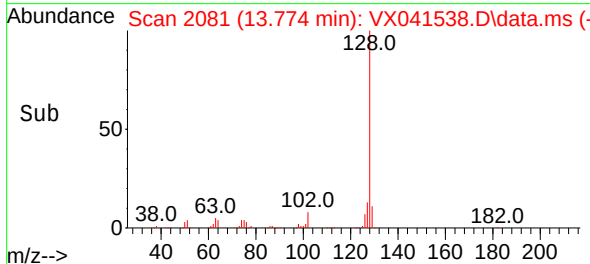
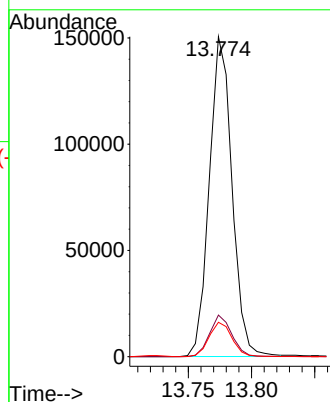
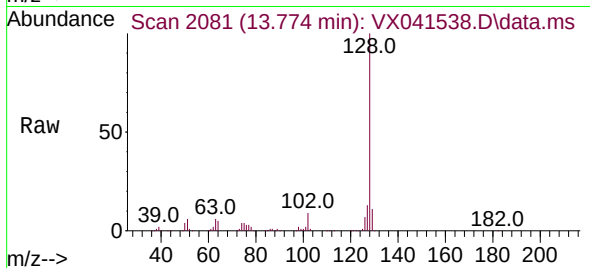




#91
Naphthalene
Concen: 17.962 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tgt Ion:128 Resp: 187787
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.139 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041538.D
Acq: 15 May 2024 14:33

Tgt Ion:180 Resp: 64825
Ion Ratio Lower Upper
180 100
182 95.8 0.0 191.0
145 29.9 0.0 58.6

