

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041539.D
 Acq On : 15 May 2024 15:08
 Operator : JC/MD
 Sample : VX0515WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD01

Quant Time: May 16 05:25:49 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	4.891	128	25838	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	140894	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	129755	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	59623	29.303	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 97.667%			
60) 4-Bromofluorobenzene	11.079	95	62078	30.647	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.167%			
63) Toluene-d8	8.647	98	167156	30.053	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28979	21.443	ug/l	100
3) Chloromethane	1.294	50	29702	20.070	ug/l	99
4) Vinyl Chloride	1.374	62	29007	18.617	ug/l	99
5) Bromomethane	1.599	94	19079	19.252	ug/l	98
6) Chloroethane	1.666	64	15719	19.954	ug/l	94
7) Trichlorofluoromethane	1.867	101	47847	20.231	ug/l	99
8) Diethyl Ether	2.136	74	18874	21.370	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	31190	22.742	ug/l	97
10) 1,1-Dichloroethene	2.306	96	29318	22.178	ug/l	94
11) Methyl Iodide	2.440	142	30846	19.591	ug/l	96
12) Methyl Acetate	2.703	43	45694	22.951	ug/l	97
13) Acrolein	2.239	56	27612	113.923	ug/l	98
14) Acrylonitrile	3.068	53	94889	108.403	ug/l	98
15) Acetone	2.392	58	27852	118.756	ug/l	99
16) Carbon Disulfide	2.501	76	63760	21.362	ug/l	98
17) Allyl chloride	2.654	41	50596	21.567	ug/l	99
18) Methylene Chloride	2.782	84	34038	21.649	ug/l	91
19) trans-1,2-Dichloroethene	3.081	96	30891	20.378	ug/l	96
20) Diisopropyl ether	3.763	45	103815	21.062	ug/l	94
21) 1,1-Dichloroethane	3.605	63	56553	20.443	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	38090	20.679	ug/l	97
23) tert-Butyl Alcohol	3.007	59	42441	114.253	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	104967	21.268	ug/l	98
25) Chloroform	5.086	83	60124	20.402	ug/l	98
26) Cyclohexane	5.458	56	47590	20.630	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	39445	21.164	ug/l	99
30) 2-Butanone	4.562	43	144186	116.553	ug/l	99
31) 2,2-Dichloropropane	4.471	77	46132	21.090	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	52306	20.916	ug/l	99
33) Carbon Tetrachloride	5.666	117	45198	21.123	ug/l	97
34) Benzene	6.031	78	126233	21.446	ug/l	98
35) Methacrylonitrile	4.922	41	28324	22.697	ug/l	98
36) 1,2-Dichloroethane	6.080	62	48327	22.002	ug/l	99
37) Trichloroethene	7.123	130	34928	21.298	ug/l	96
38) Methylcyclohexane	7.373	83	52545	22.204	ug/l	100
39) 1,2-Dichloropropane	7.427	63	30236	21.731	ug/l	99
40) Dibromomethane	7.580	93	23930	21.853	ug/l	99
41) Bromodichloromethane	7.818	83	43361	21.091	ug/l	100
42) Vinyl Acetate	3.721	43	476427	111.000	ug/l	100

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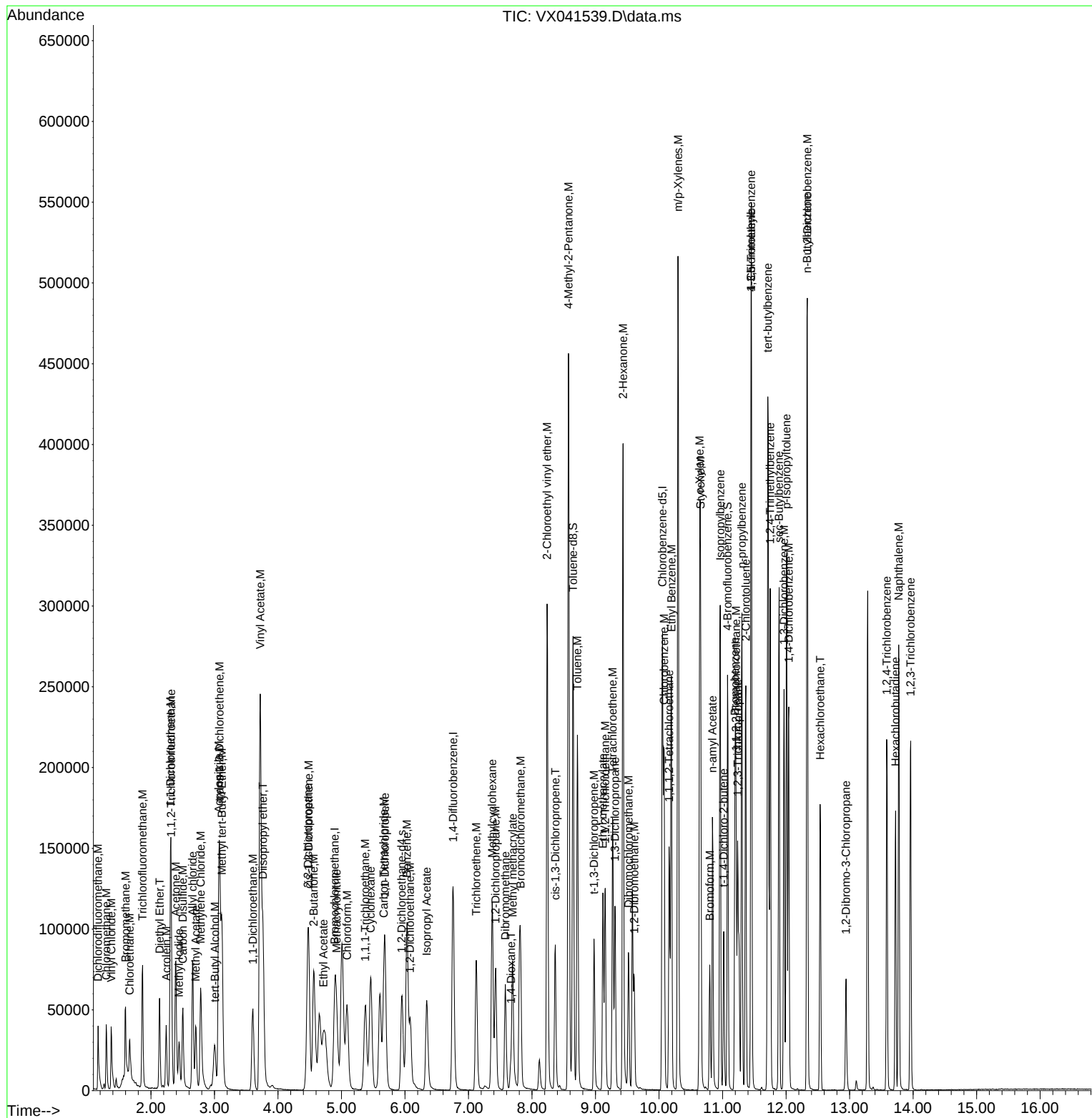
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	52598	22.036	ug/l	99
44) Isopropyl Acetate	6.342	43	79336	21.988	ug/l	99
45) 1,4-Dioxane	7.671	88	18435	453.039	ug/l	96
46) Methyl methacrylate	7.696	41	40441	22.527	ug/l	99
47) n-amyl Acetate	10.841	43	69172	21.141	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	43060	20.856	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	46942	20.991	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	32908	21.602	ug/l	98
51) Ethyl methacrylate	9.116	69	52410	21.374	ug/l	97
52) 1,3-Dichloropropane	9.305	76	55484	22.041	ug/l	99
53) Dibromochloromethane	9.518	129	36297	20.941	ug/l	99
54) 1,2-Dibromoethane	9.610	107	35846	22.190	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	119553	99.890	ug/l	99
56) Bromoform	10.799	173	29000	20.883	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	276909	116.799	ug/l	99
59) 2-Hexanone	9.433	43	217901	115.371	ug/l	99
61) Tetrachloroethene	9.269	164	34830	21.940	ug/l	95
62) Toluene	8.714	91	140835	21.813	ug/l	100
64) Chlorobenzene	10.079	112	96462	21.996	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	33108	21.329	ug/l	99
66) Ethyl Benzene	10.195	91	155636	21.708	ug/l	100
67) m/p-Xylenes	10.299	106	125028	44.597	ug/l	99
68) o-Xylene	10.640	106	62078	21.998	ug/l	98
69) Styrene	10.652	104	104386	22.061	ug/l	99
70) Isopropylbenzene	10.963	105	159165	22.321	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	54505	22.250	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	60228	27.263	ug/l	89
73) Bromobenzene	11.195	156	45539	21.734	ug/l	100
74) n-propylbenzene	11.305	91	177949	22.131	ug/l	99
75) 2-Chlorotoluene	11.366	91	111384	22.059	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	133197	21.884	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	14392	20.727	ug/l	92
78) 4-Chlorotoluene	11.451	91	125183	21.767	ug/l	98
79) tert-butylbenzene	11.713	119	140751	21.727	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	132900	21.784	ug/l	97
81) sec-Butylbenzene	11.890	105	166167	21.952	ug/l	100
82) p-Isopropyltoluene	12.006	119	145562	21.967	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	82916	22.065	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	83526	21.998	ug/l	100
85) n-Butylbenzene	12.329	91	114500	21.474	ug/l	99
86) Hexachloroethane	12.536	117	23152	20.753	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	82981	21.635	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12144	22.573	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	56873	22.069	ug/l	99
90) Hexachlorobutadiene	13.725	225	27747	22.069	ug/l	99
91) Naphthalene	13.774	128	173935	22.581	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	59545	22.615	ug/l	100

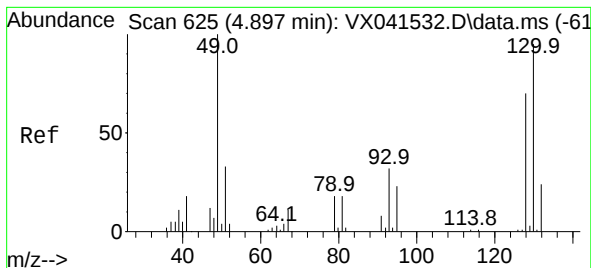
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.891 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

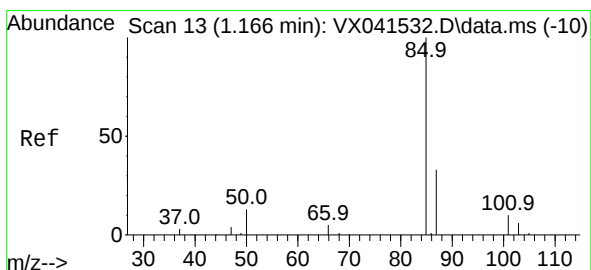
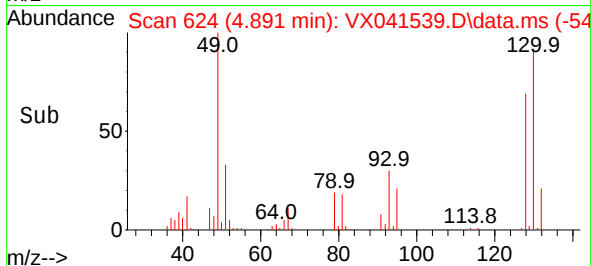
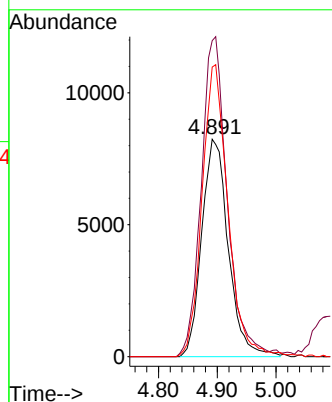
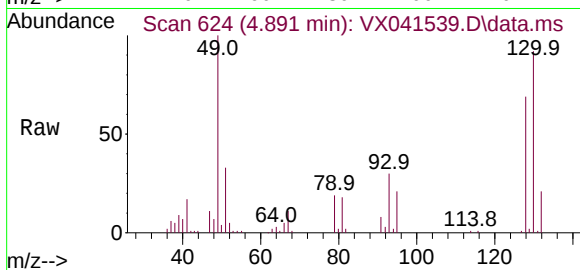
Tgt Ion:128 Resp: 25838

Ion Ratio Lower Upper

128 100

49 144.1 0.0 361.5

130 130.0 0.0 324.3



#2

Dichlorodifluoromethane

Concen: 21.443 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX041539.D

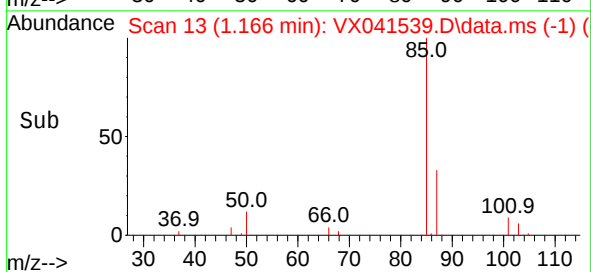
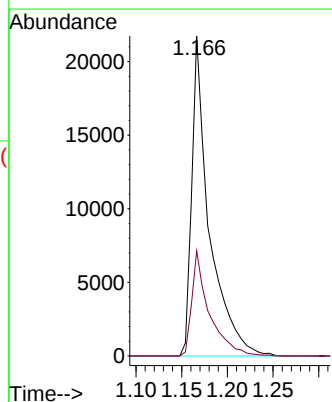
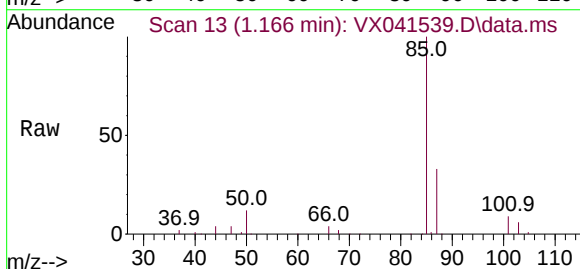
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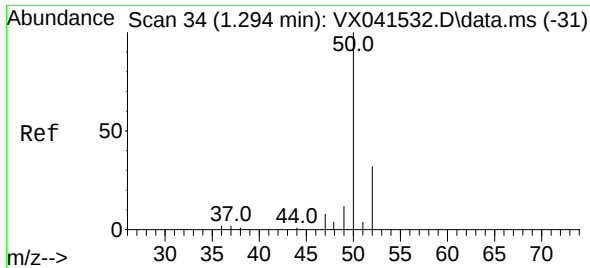
Tgt Ion: 85 Resp: 28979

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.1

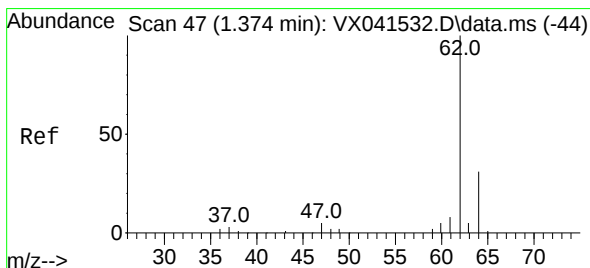
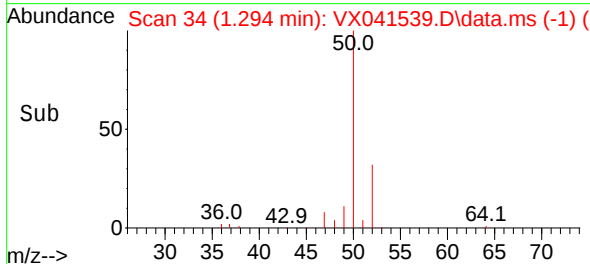
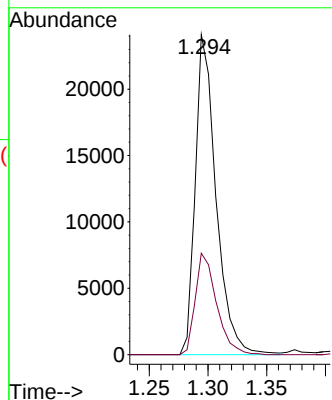
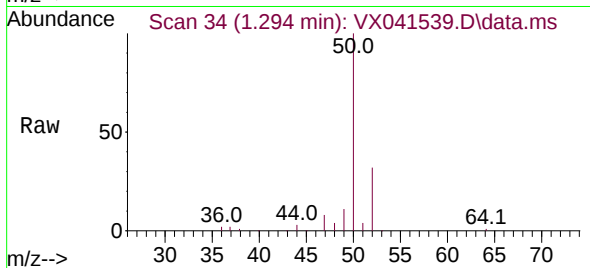




#3
 Chloromethane
 Concen: 20.070 ug/l
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

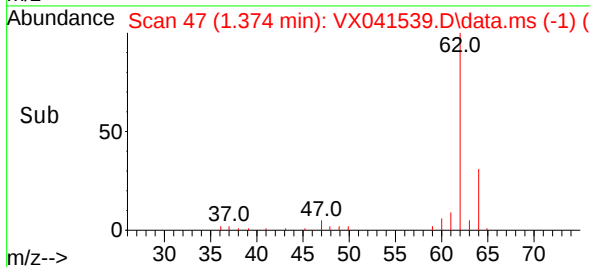
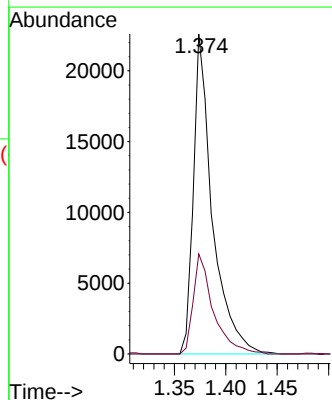
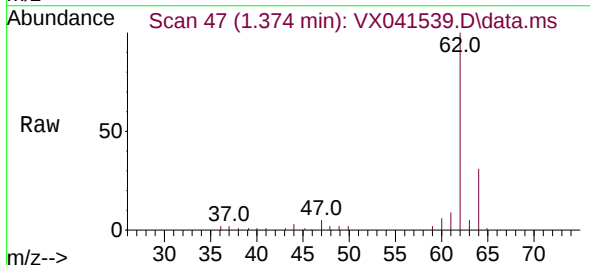
Instrument :
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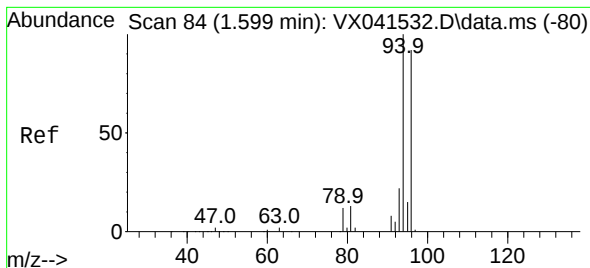
Tgt Ion: 50 Resp: 29702
 Ion Ratio Lower Upper
 50 100
 52 31.7 25.8 38.8



#4
 Vinyl Chloride
 Concen: 18.617 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

Tgt Ion: 62 Resp: 29007
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.6 37.0





#5

Bromomethane

Concen: 19.252 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

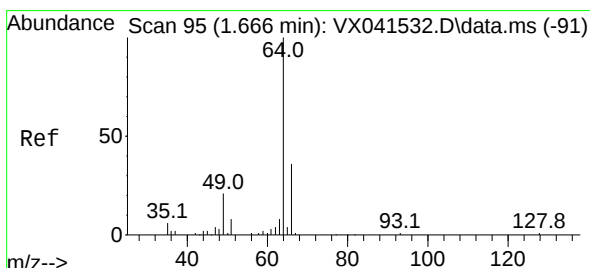
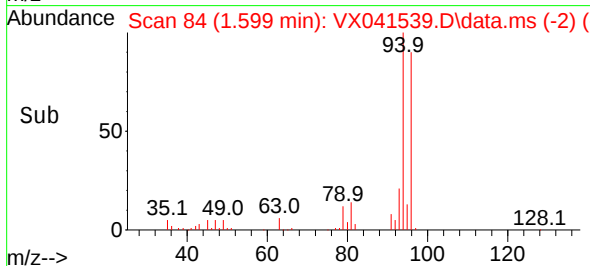
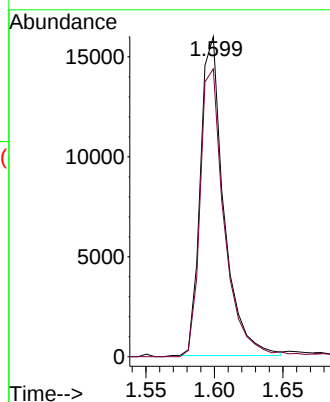
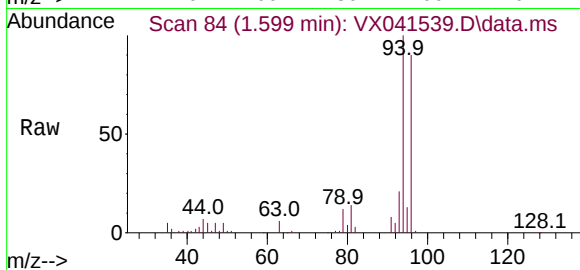
VX0515WBSD01

Tgt Ion: 94 Resp: 19079

Ion Ratio Lower Upper

94 100

96 90.3 73.9 110.9



#6

Chloroethane

Concen: 19.954 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041539.D

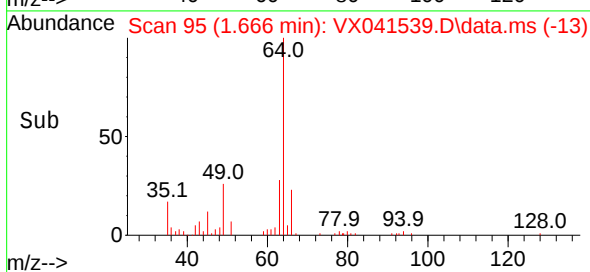
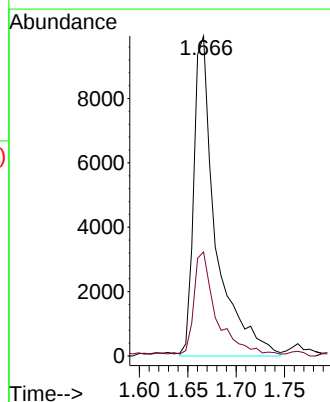
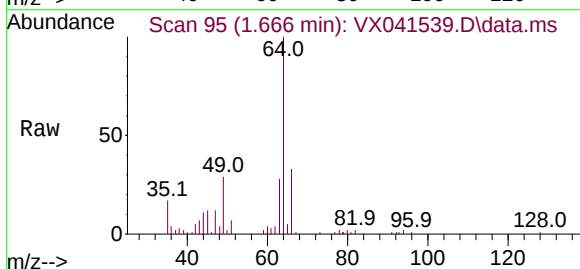
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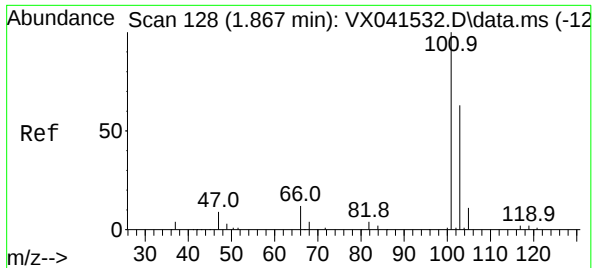
Tgt Ion: 64 Resp: 15719

Ion Ratio Lower Upper

64 100

66 32.2 28.6 42.8

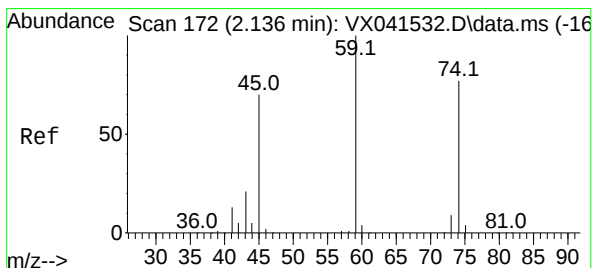
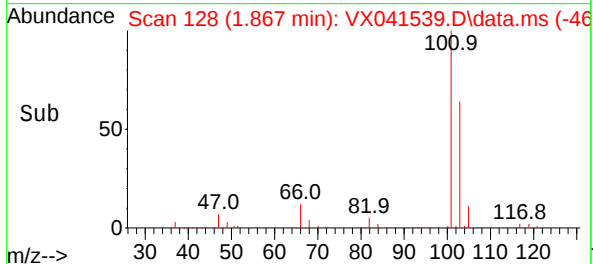
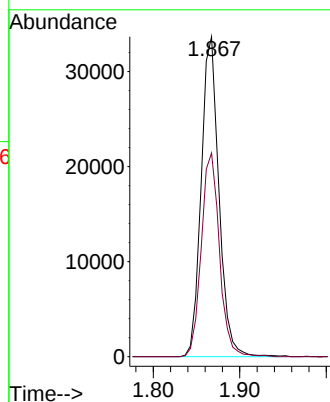
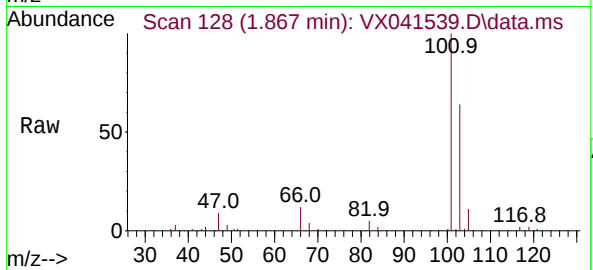




#7
 Trichlorofluoromethane
 Concen: 20.231 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041539.D
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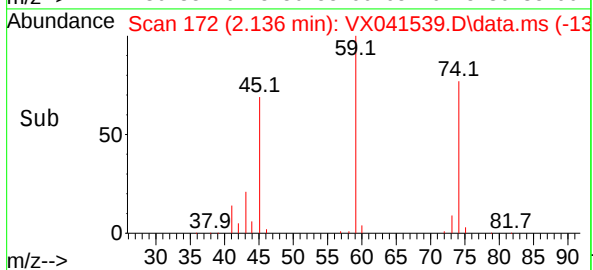
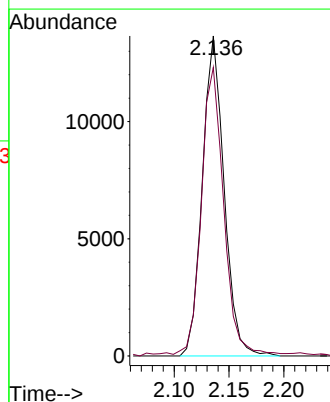
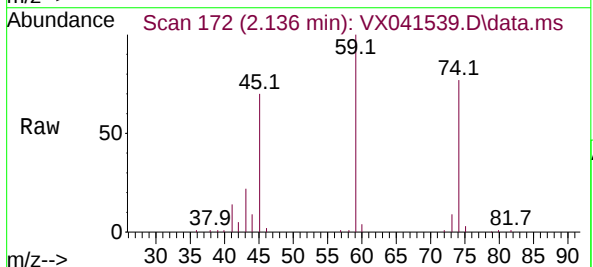
Instrument :
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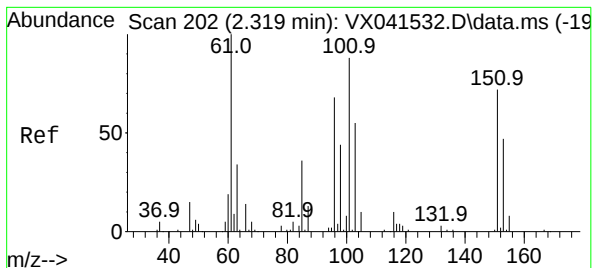
Tgt Ion:101 Resp: 47847
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.370 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

Tgt Ion: 74 Resp: 18874
 Ion Ratio Lower Upper
 74 100
 45 91.4 18.6 167.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.742 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

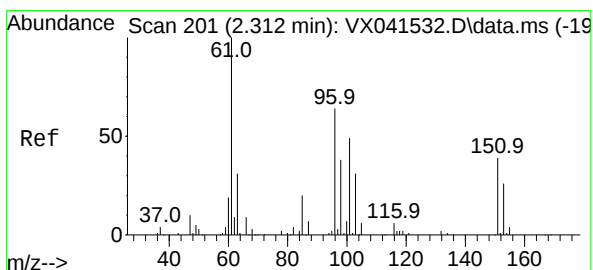
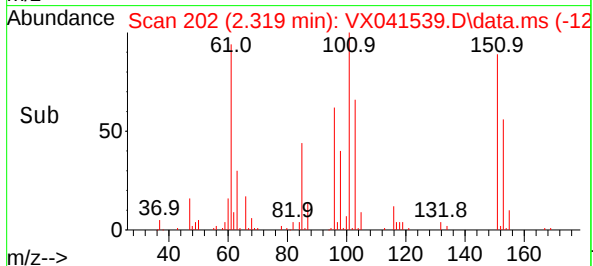
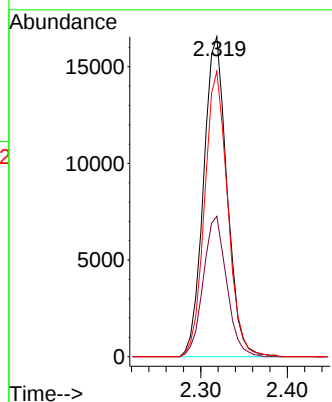
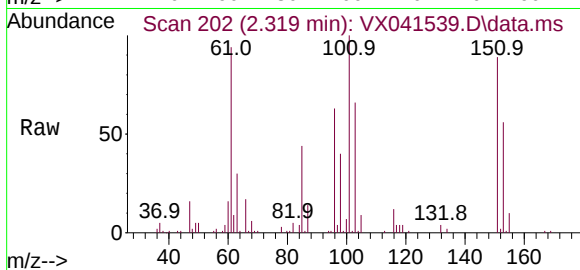
Tgt Ion:101 Resp: 31190

Ion Ratio Lower Upper

101 100

85 43.6 0.0 84.6

151 87.7 0.0 170.2



#10

1,1-Dichloroethene

Concen: 22.178 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX041539.D

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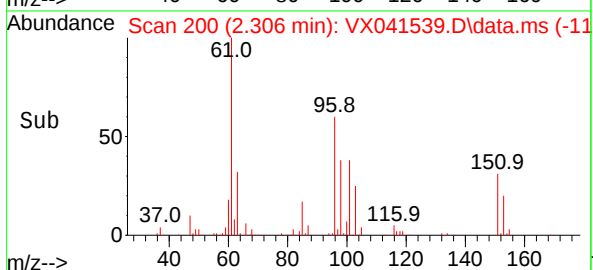
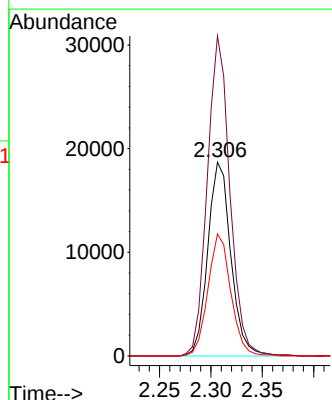
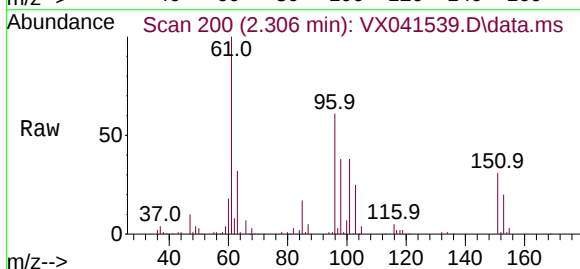
Tgt Ion: 96 Resp: 29318

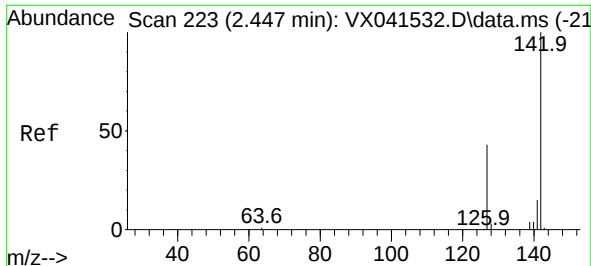
Ion Ratio Lower Upper

96 100

61 165.1 124.5 186.7

98 63.0 47.9 71.9





#11

Methyl Iodide

Concen: 19.591 ug/l

RT: 2.440 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041539.D

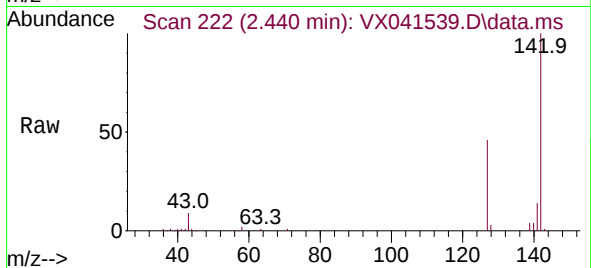
Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01



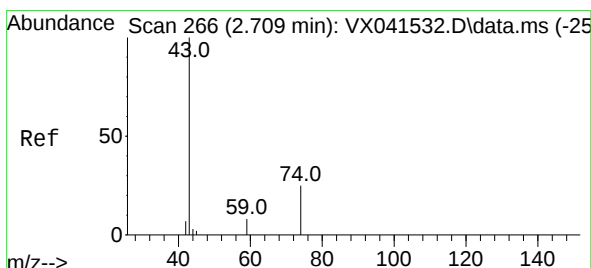
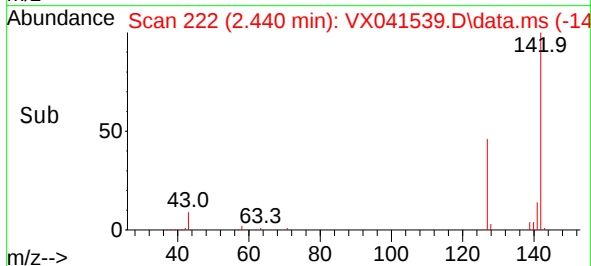
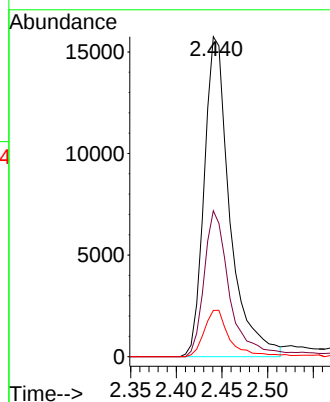
Tgt Ion:142 Resp: 30846

Ion Ratio Lower Upper

142 100

127 45.5 21.4 64.2

141 14.4 7.6 22.8



#12

Methyl Acetate

Concen: 22.951 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX041539.D

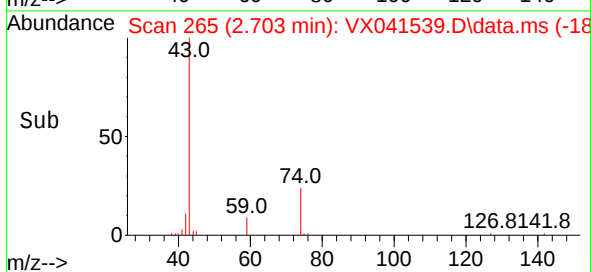
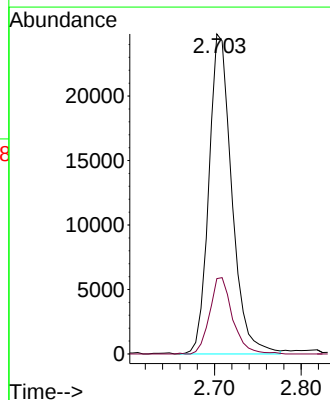
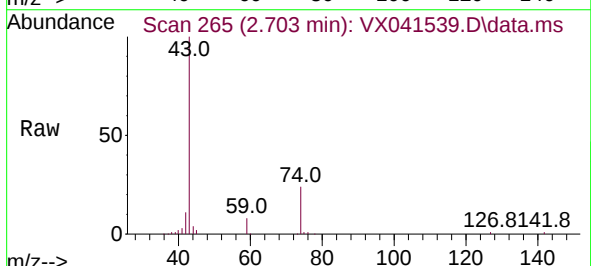
Acq: 15 May 2024 15:08

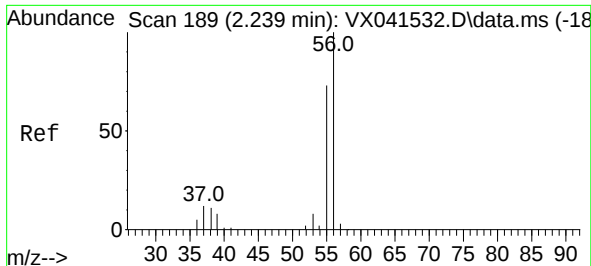
Tgt Ion: 43 Resp: 45694

Ion Ratio Lower Upper

43 100

74 23.5 19.9 29.9





#13

Acrolein

Concen: 113.923 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

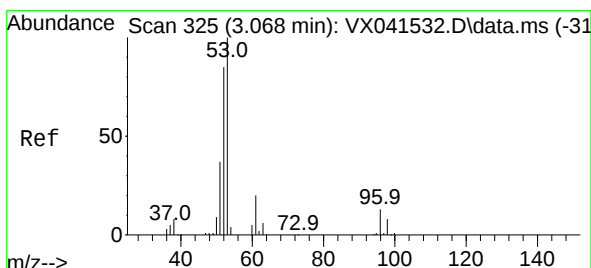
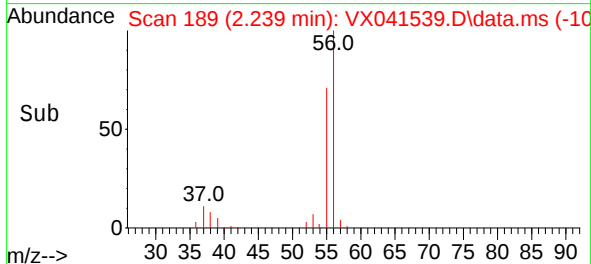
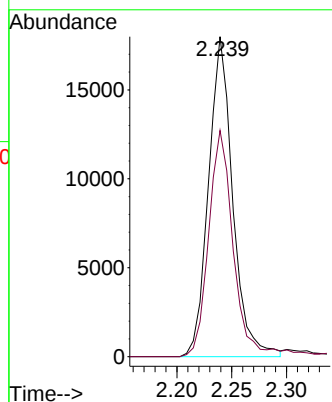
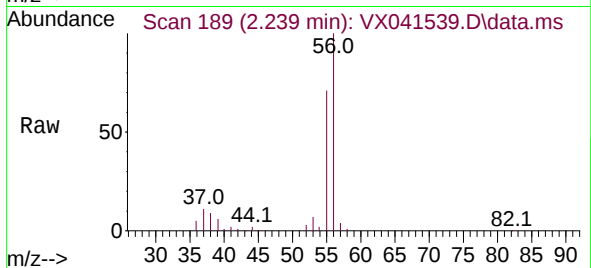
VX0515WBSD01

Tgt Ion: 56 Resp: 27612

Ion Ratio Lower Upper

56 100

55 70.2 55.1 82.7



#14

Acrylonitrile

Concen: 108.403 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

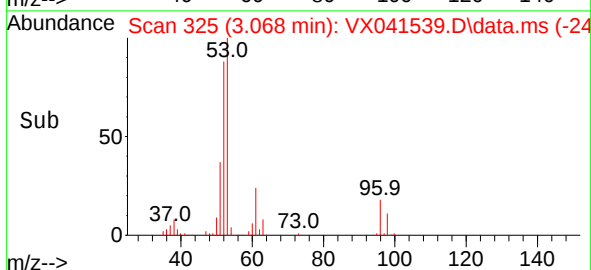
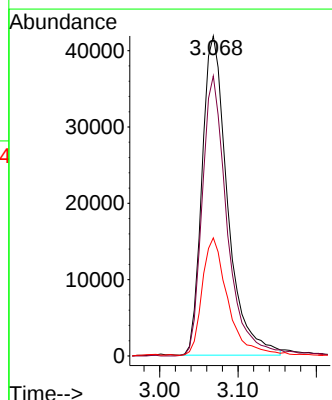
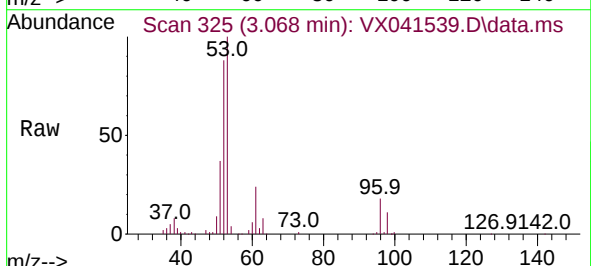
Tgt Ion: 53 Resp: 94889

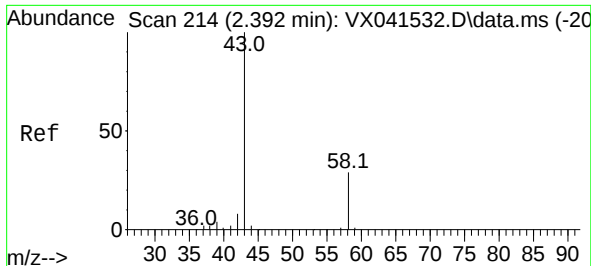
Ion Ratio Lower Upper

53 100

52 85.4 41.3 123.7

51 37.0 18.4 55.0

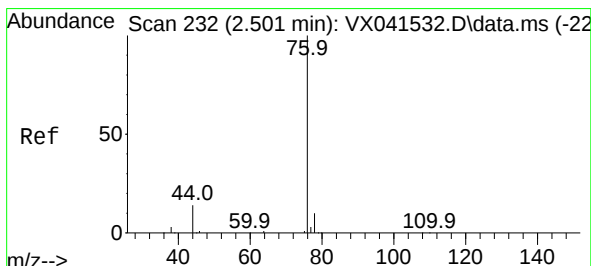
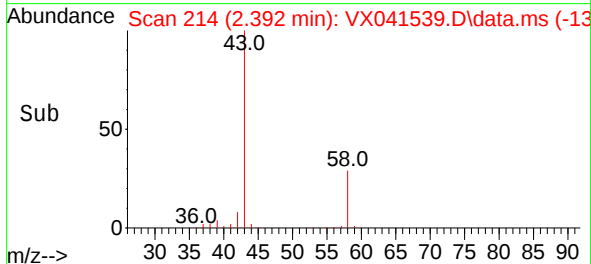
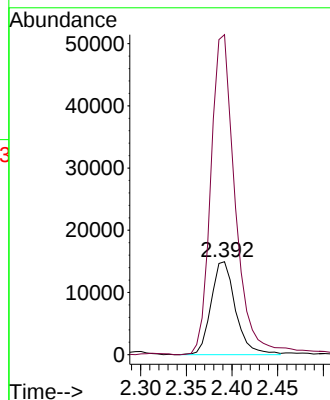
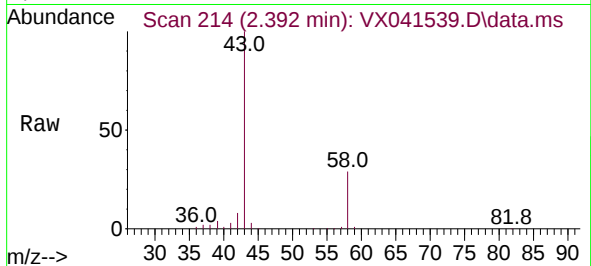




#15
Acetone
Concen: 118.756 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

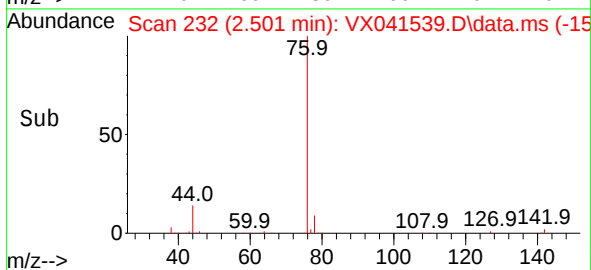
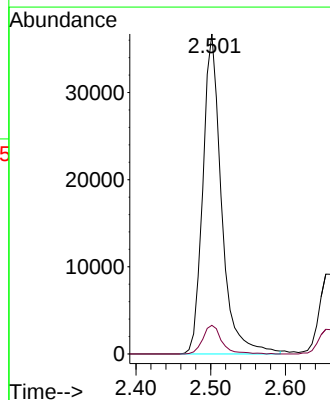
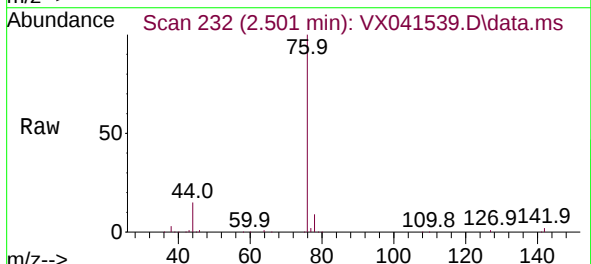
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

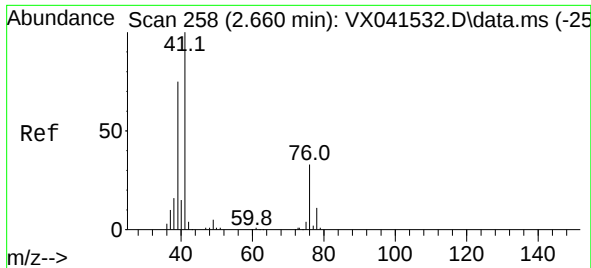
Tgt Ion: 58 Resp: 27852
Ion Ratio Lower Upper
58 100
43 344.4 274.0 411.0



#16
Carbon Disulfide
Concen: 21.362 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 76 Resp: 63760
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

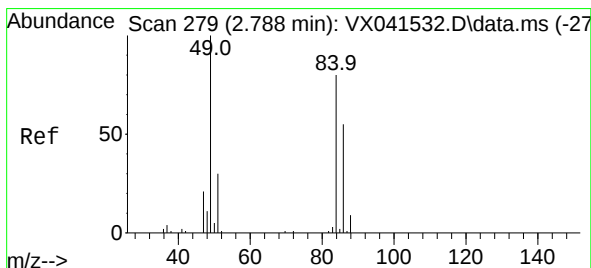
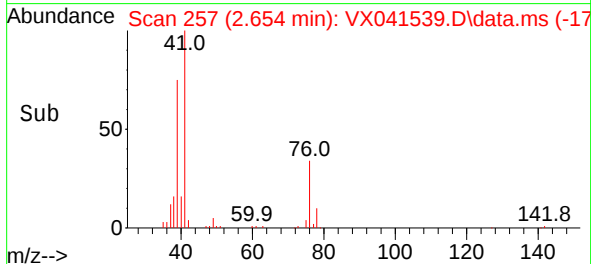
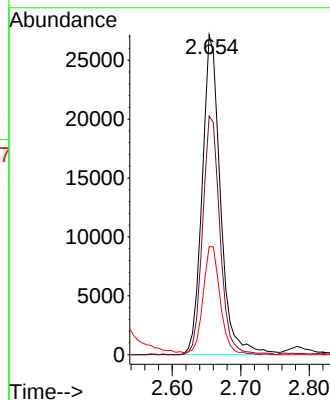
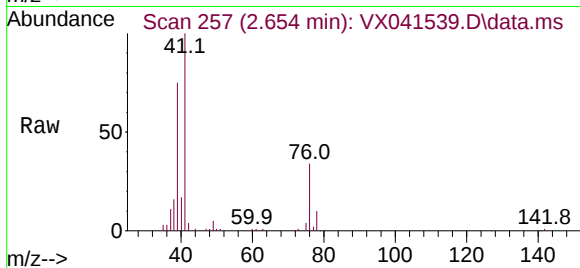




#17
 Allyl chloride
 Concen: 21.567 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

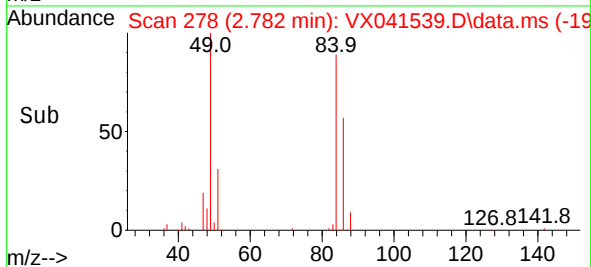
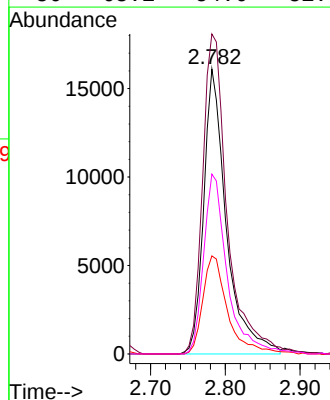
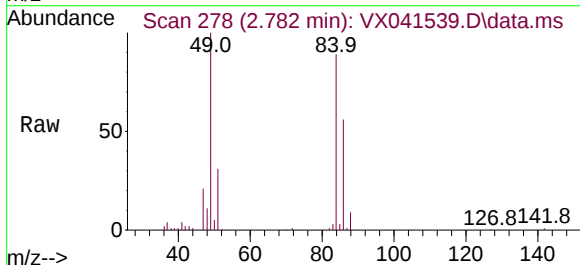
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD01

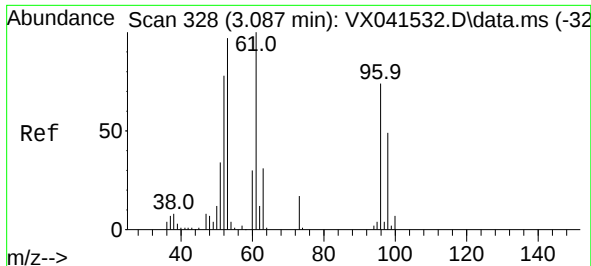
Tgt Ion:	41	Resp:	50596
Ion	Ratio	Lower	Upper
41	100		
39	74.6	37.5	112.7
76	33.7	16.6	49.8



#18
 Methylene Chloride
 Concen: 21.649 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

Tgt Ion:	84	Resp:	34038
Ion	Ratio	Lower	Upper
84	100		
49	112.3	99.8	149.8
51	34.4	30.2	45.4
86	63.1	54.6	81.8

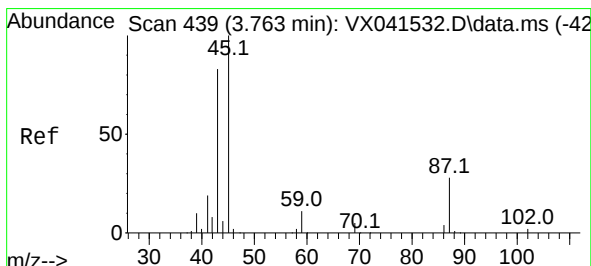
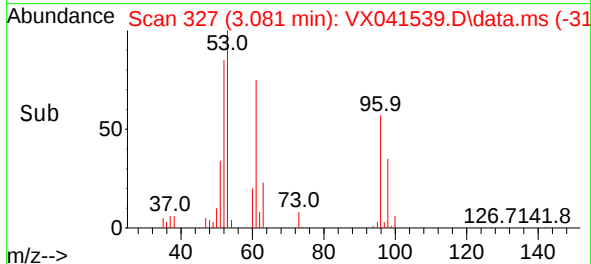
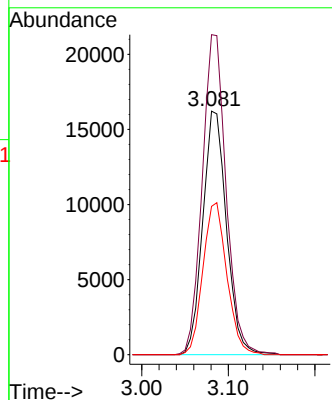
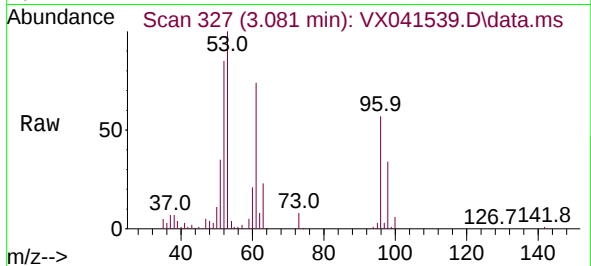




#19
trans-1,2-Dichloroethene
Concen: 20.378 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

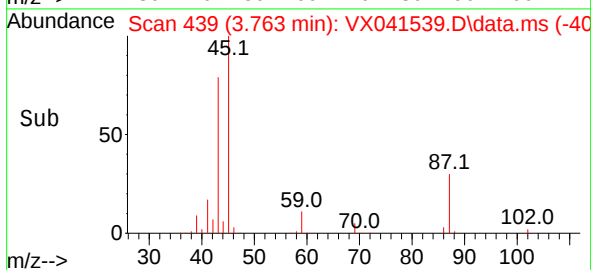
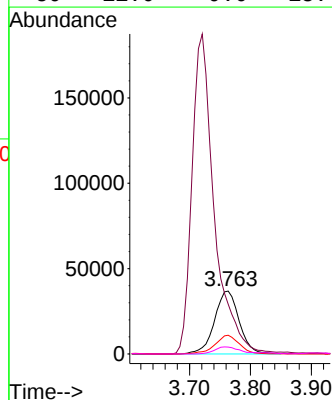
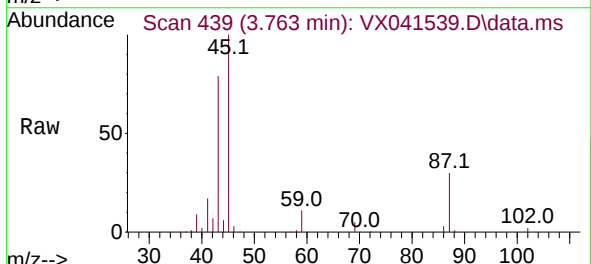
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

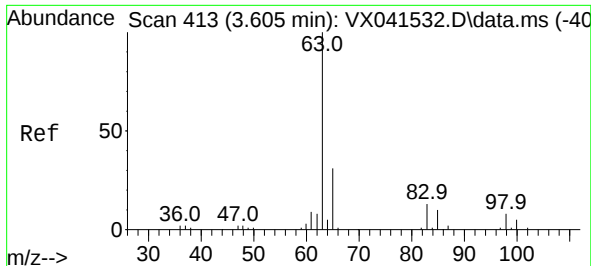
Tgt Ion: 96 Resp: 30891
Ion Ratio Lower Upper
96 100
61 131.4 107.7 161.5
98 60.9 53.1 79.7



#20
Diisopropyl ether
Concen: 21.062 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 45 Resp: 103815
Ion Ratio Lower Upper
45 100
43 76.2 66.7 100.1
87 29.9 22.4 33.6
59 11.0 9.0 13.4





#21

1,1-Dichloroethane

Concen: 20.443 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

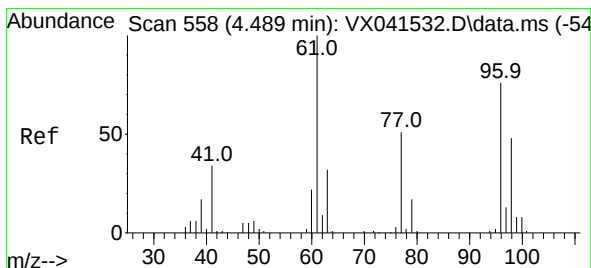
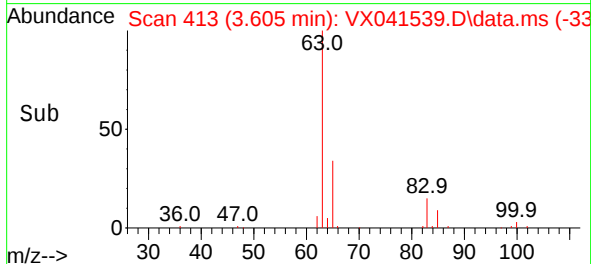
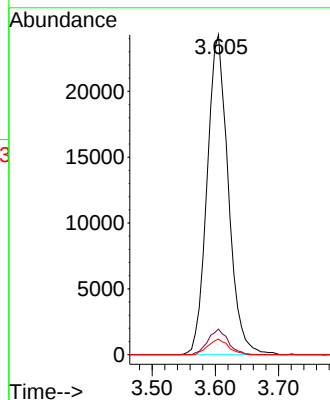
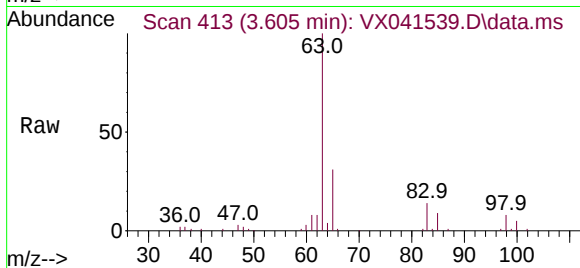
Tgt Ion: 63 Resp: 56553

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

100 4.9 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 20.679 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

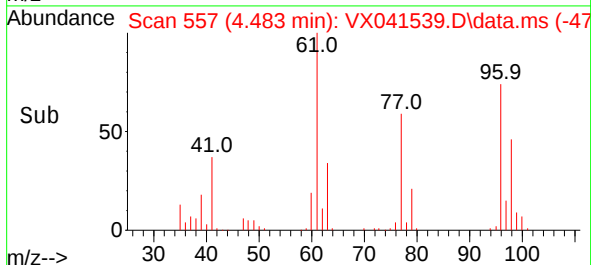
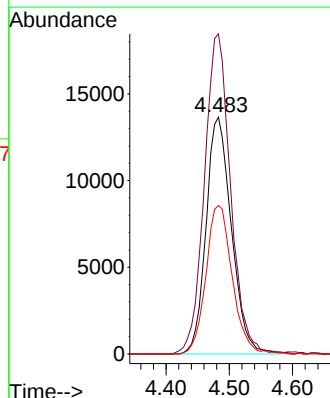
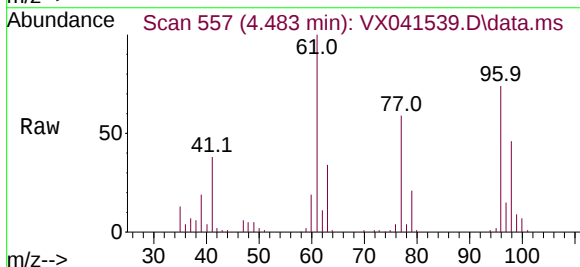
Tgt Ion: 96 Resp: 38090

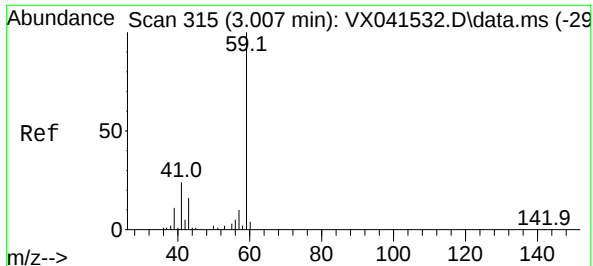
Ion Ratio Lower Upper

96 100

61 138.7 114.2 171.4

98 64.4 52.6 79.0





#23

tert-Butyl Alcohol

Concen: 114.253 ug/l

RT: 3.007 min Scan# 315

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

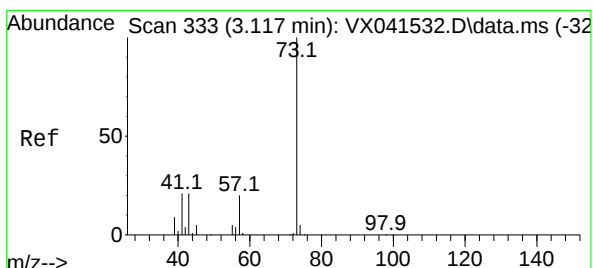
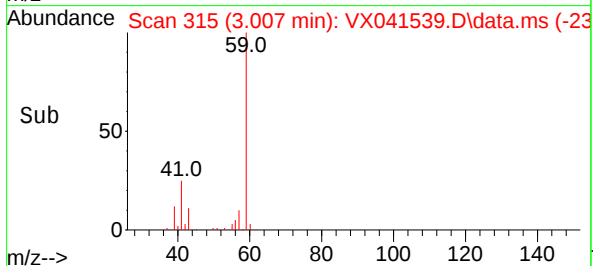
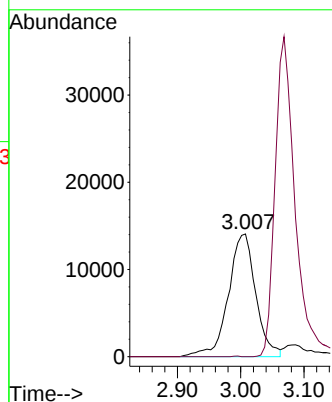
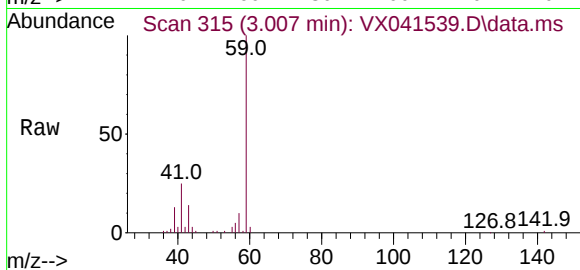
VX0515WBSD01

Tgt Ion: 59 Resp: 42441

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 21.268 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX041539.D

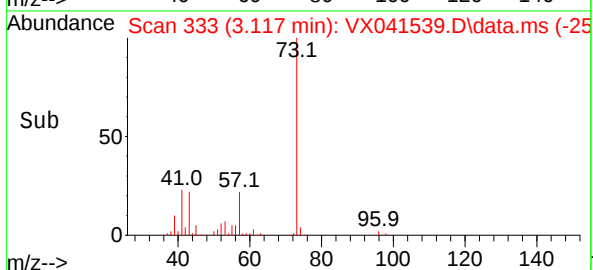
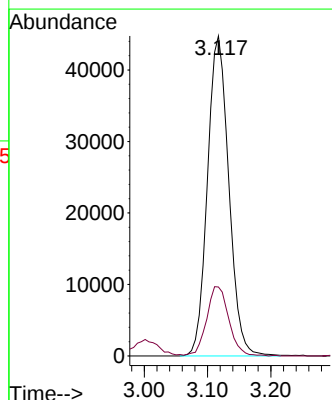
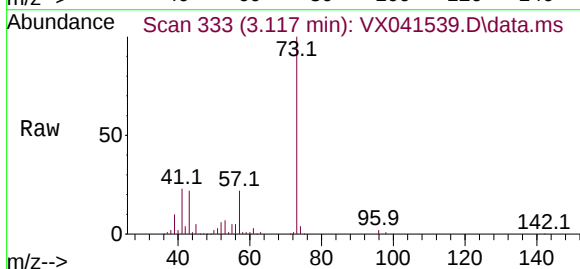
Acq: 15 May 2024 15:08

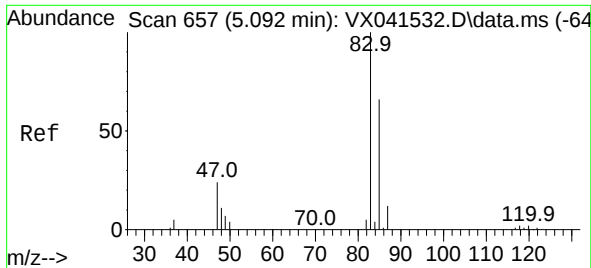
Tgt Ion: 73 Resp: 104967

Ion Ratio Lower Upper

73 100

43 22.4 17.2 25.8





#25

Chloroform

Concen: 20.402 ug/l

RT: 5.086 min Scan# 60

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

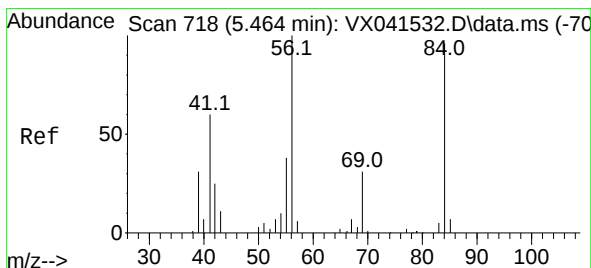
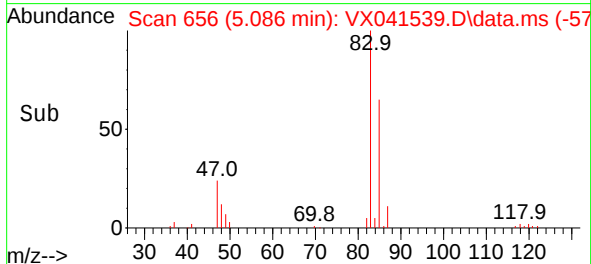
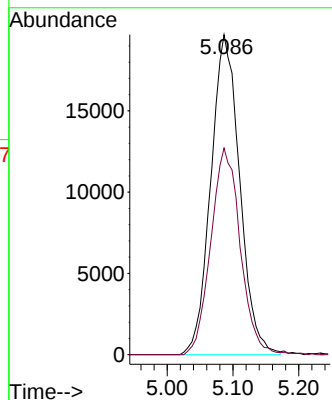
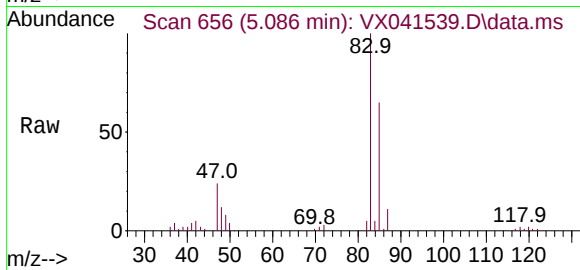
VX0515WBSD01

Tgt Ion: 83 Resp: 60124

Ion Ratio Lower Upper

83 100

85 64.5 52.9 79.3



#26

Cyclohexane

Concen: 20.630 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

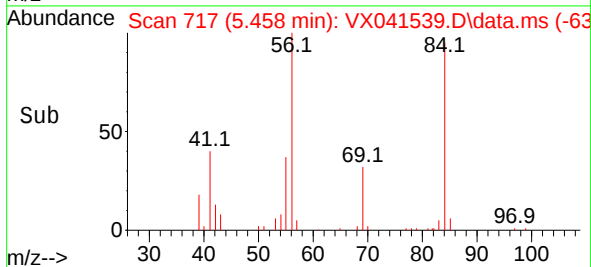
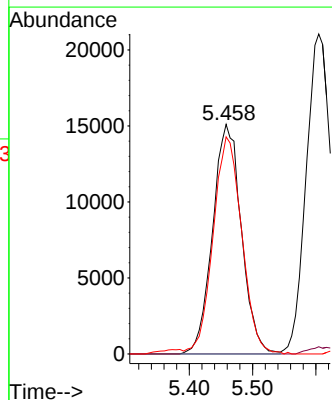
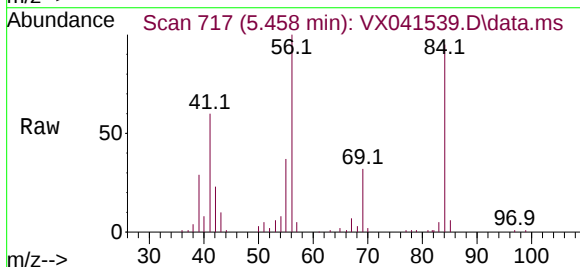
Tgt Ion: 56 Resp: 47590

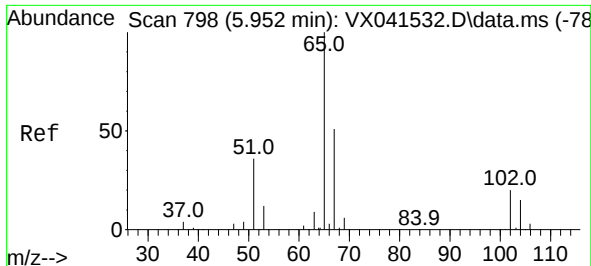
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.1 74.0 111.0

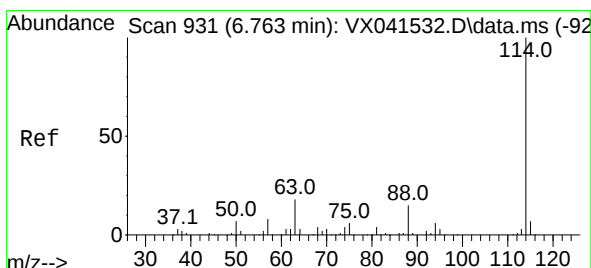
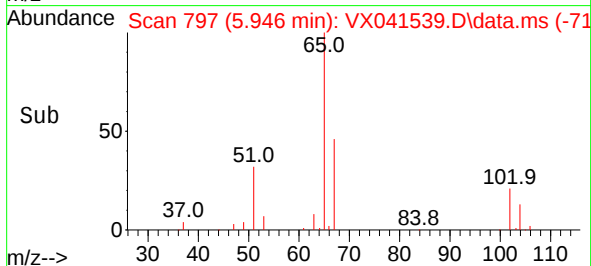
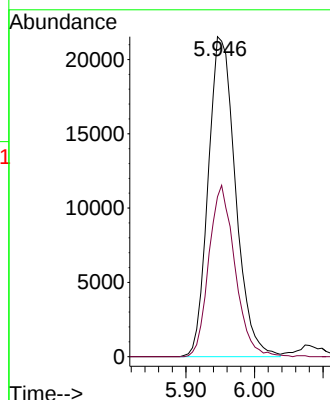
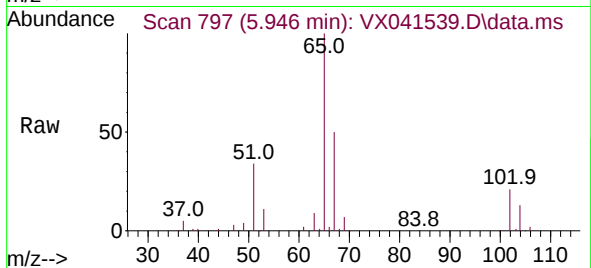




#27
 1,2-Dichloroethane-d4
 Concen: 29.303 ug/l
 RT: 5.946 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

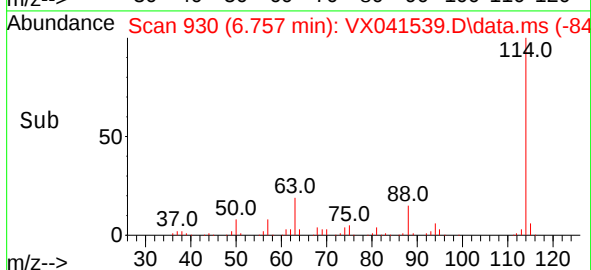
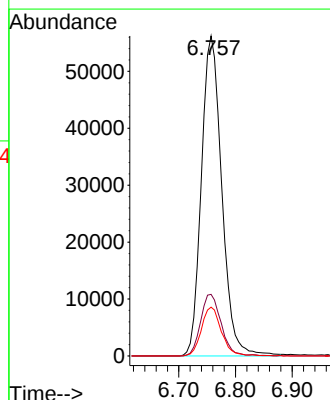
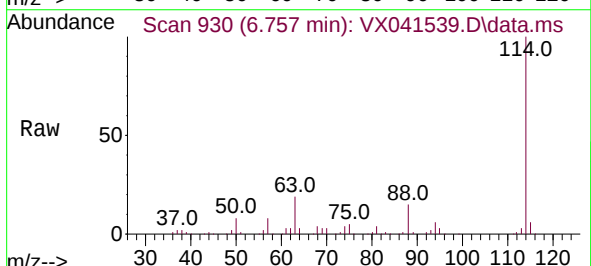
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD01

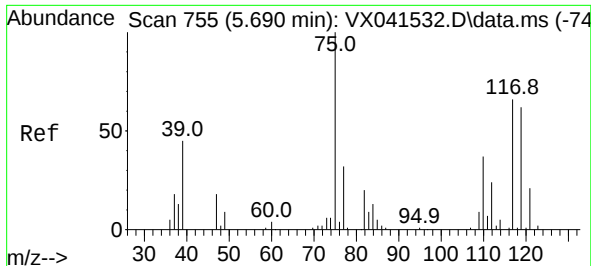
Tgt Ion: 65 Resp: 59623
 Ion Ratio Lower Upper
 65 100
 67 51.0 40.8 61.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

Tgt Ion: 114 Resp: 140894
 Ion Ratio Lower Upper
 114 100
 63 19.1 15.4 23.0
 88 14.8 12.2 18.2

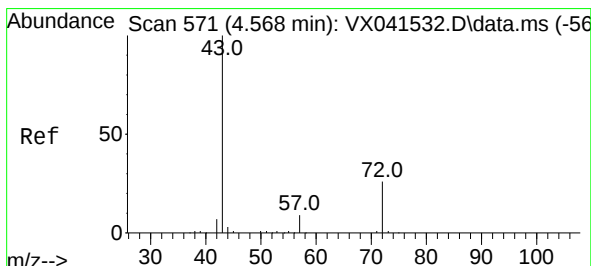
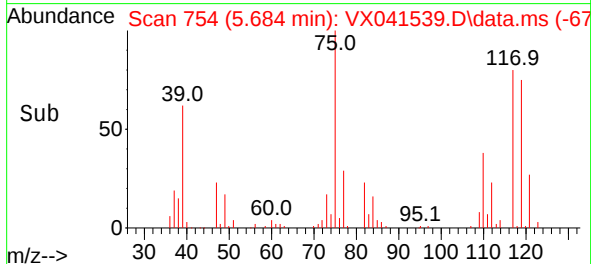
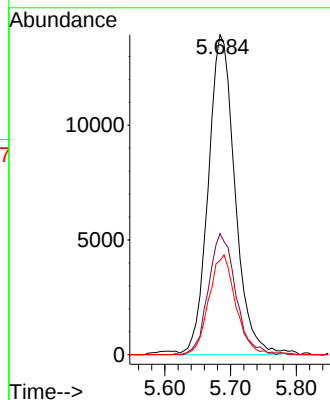
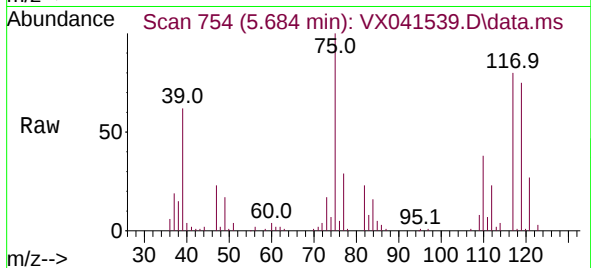




#29
1,1-Dichloropropene
Concen: 21.164 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

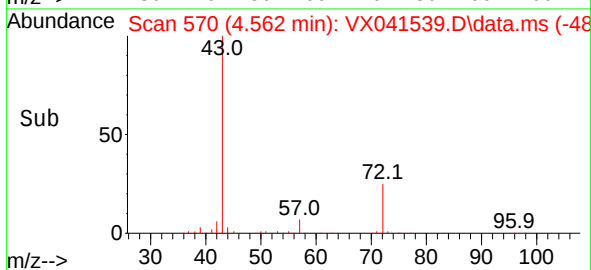
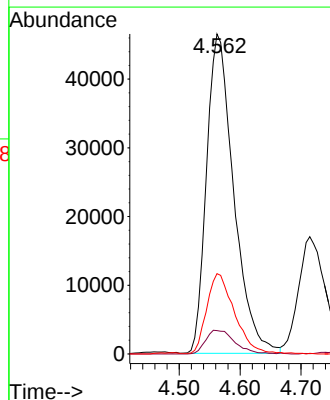
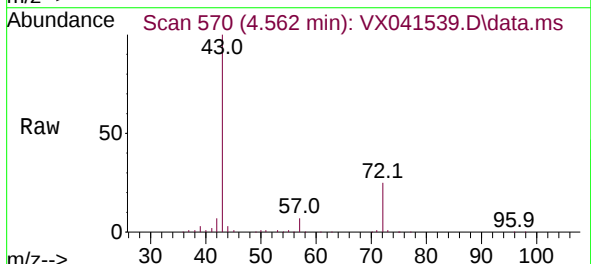
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

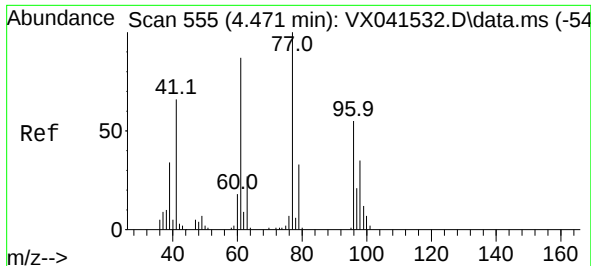
Tgt Ion: 75 Resp: 39445
Ion Ratio Lower Upper
75 100
110 38.4 0.0 74.4
77 31.2 0.0 62.6



#30
2-Butanone
Concen: 116.553 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 43 Resp: 144186
Ion Ratio Lower Upper
43 100
57 7.9 6.6 10.0
72 25.7 20.7 31.1

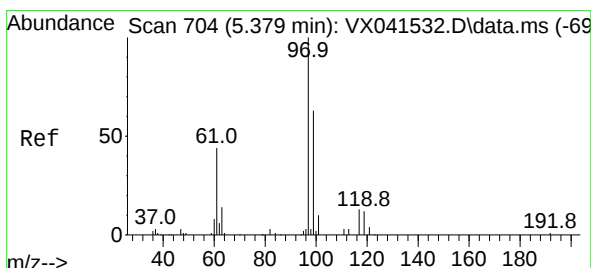
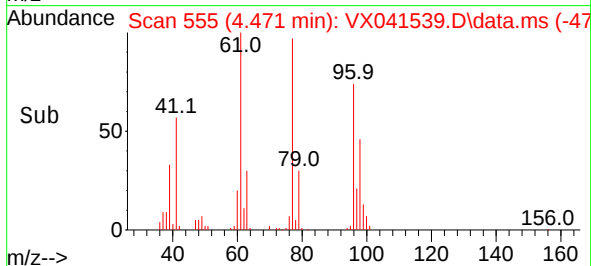
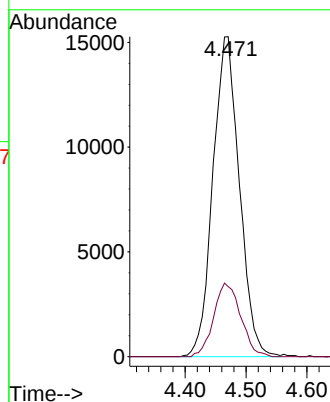
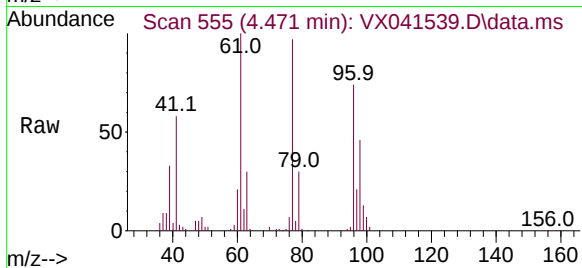




#31
2,2-Dichloropropane
Concen: 21.090 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

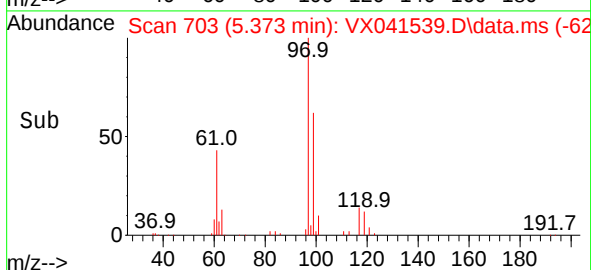
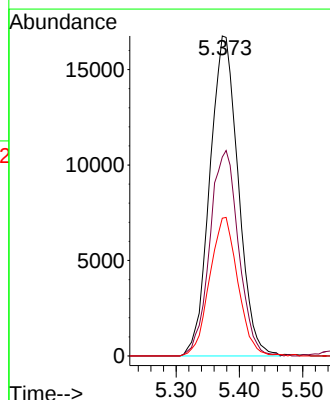
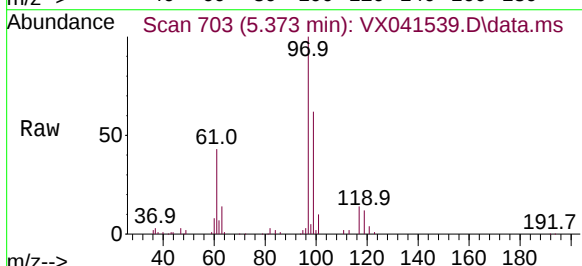
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

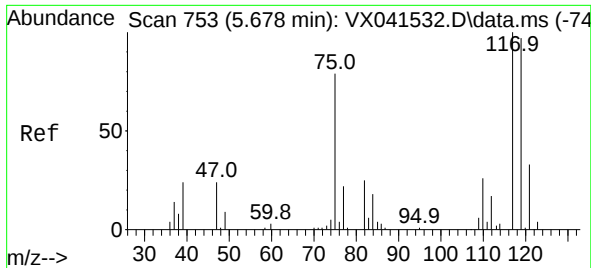
Tgt Ion: 77 Resp: 46132
Ion Ratio Lower Upper
77 100
97 23.4 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 20.916 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 97 Resp: 52306
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 42.9 34.6 51.8

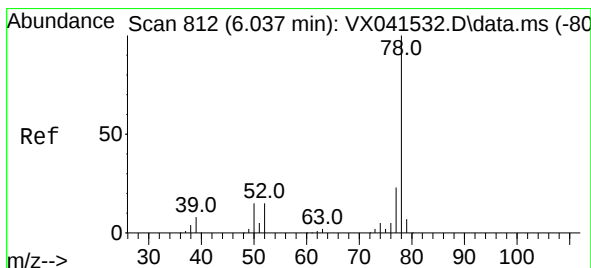
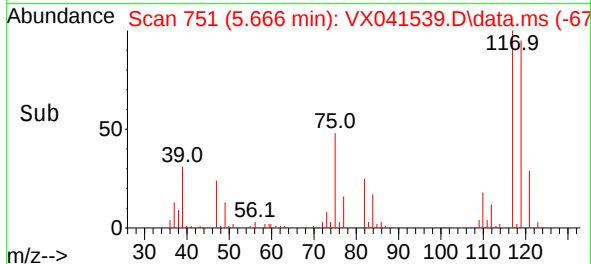
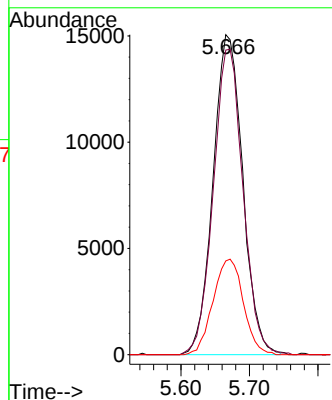
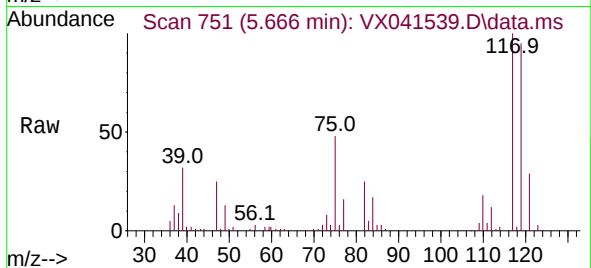




#33
Carbon Tetrachloride
Concen: 21.123 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

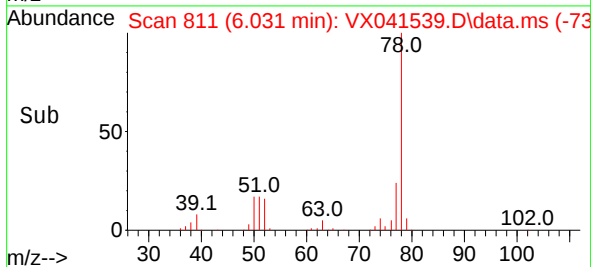
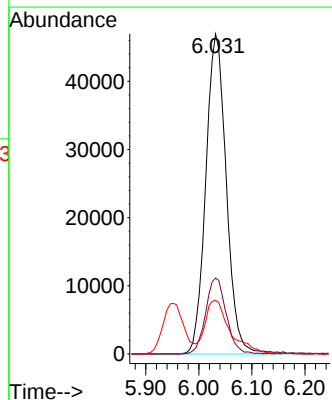
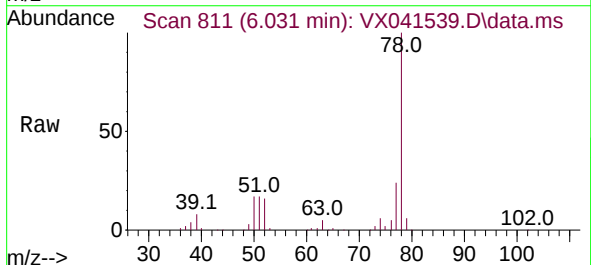
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

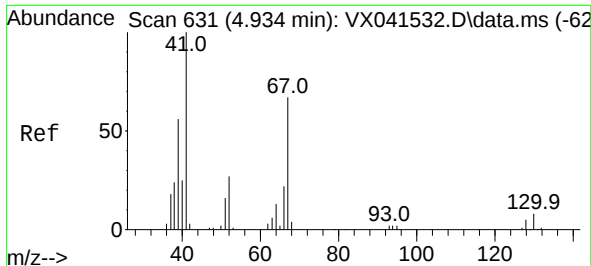
Tgt Ion:117 Resp: 45198
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.2
121 29.3 26.4 39.6



#34
Benzene
Concen: 21.446 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 78 Resp: 126233
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0
51 16.6 12.4 18.6





#35

Methacrylonitrile

Concen: 22.697 ug/l

RT: 4.922 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

Tgt Ion: 41 Resp: 28324

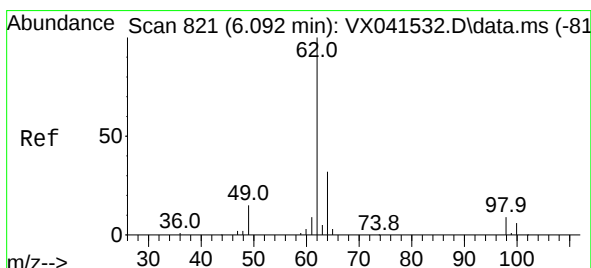
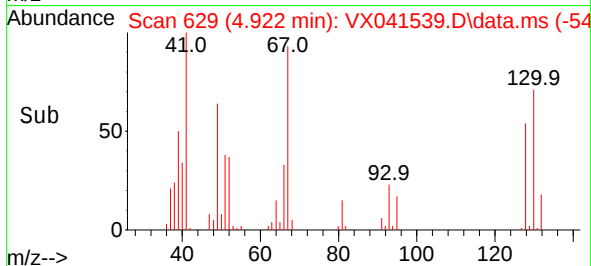
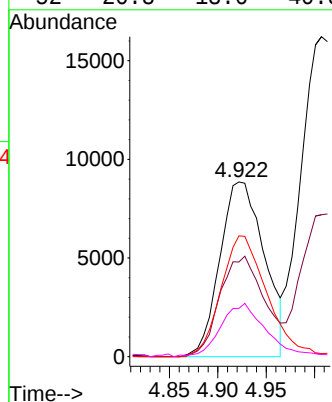
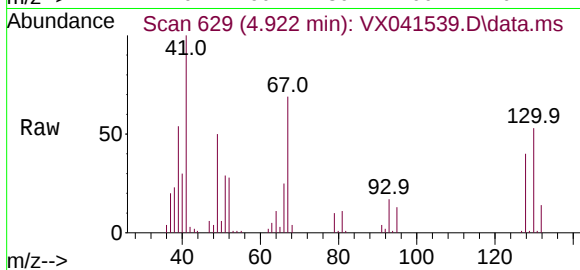
Ion Ratio Lower Upper

41 100

39 54.2 28.1 84.4

67 69.2 33.7 101.1

52 26.8 13.6 40.8



#36

1,2-Dichloroethane

Concen: 22.002 ug/l

RT: 6.080 min Scan# 819

Delta R.T. -0.012 min

Lab File: VX041539.D

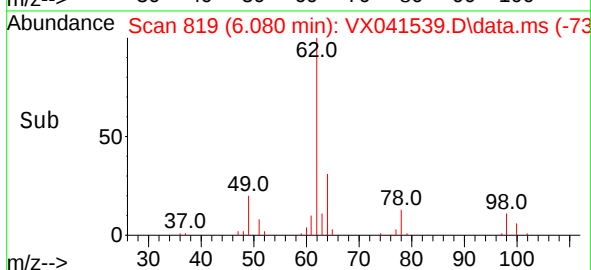
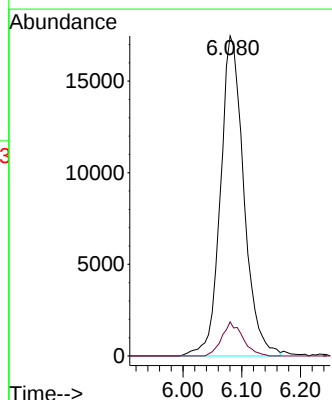
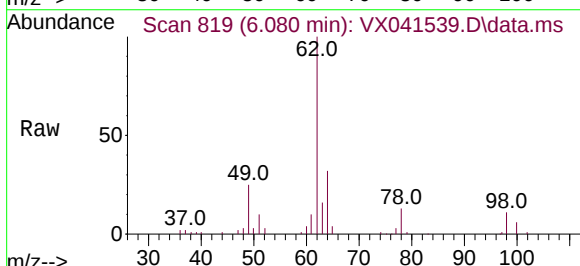
Acq: 15 May 2024 15:08

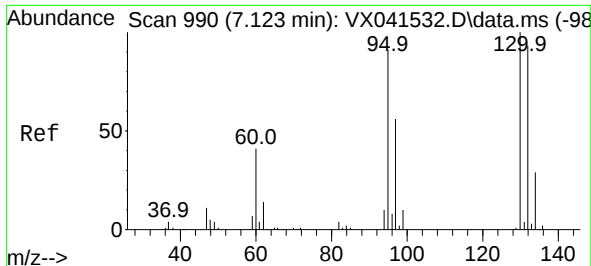
Tgt Ion: 62 Resp: 48327

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0

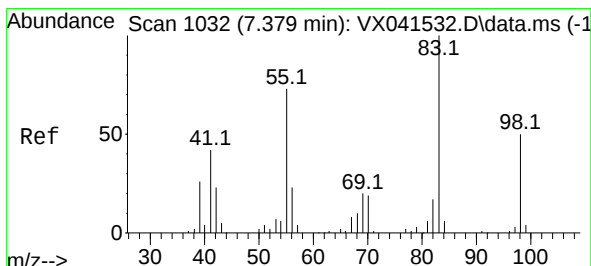
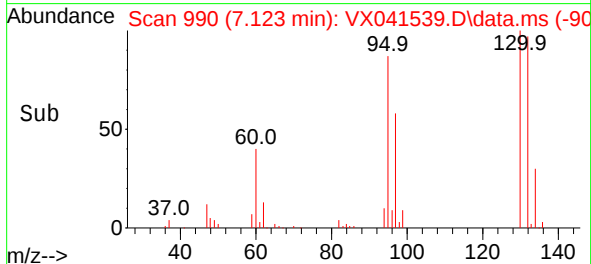
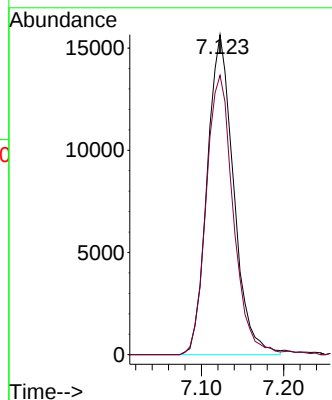
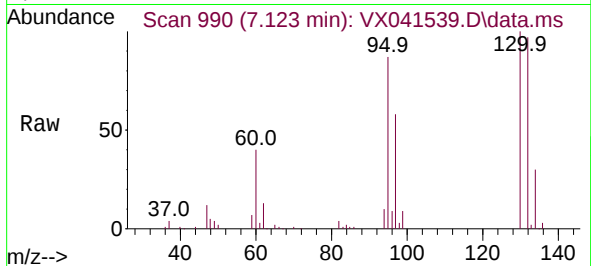




#37
Trichloroethene
Concen: 21.298 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

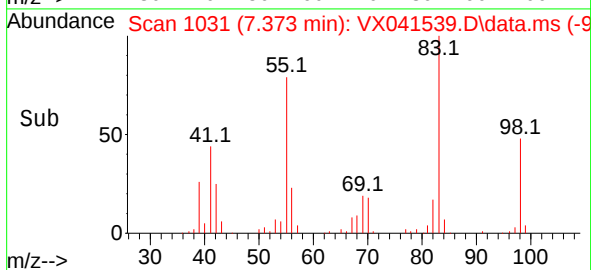
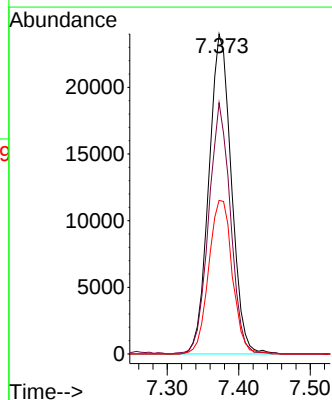
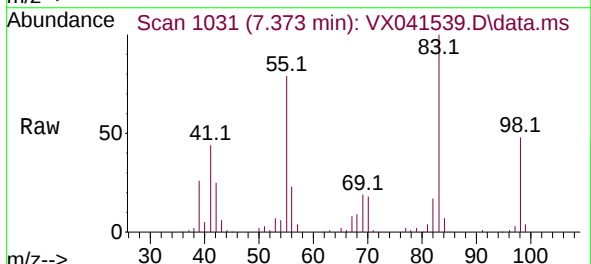
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

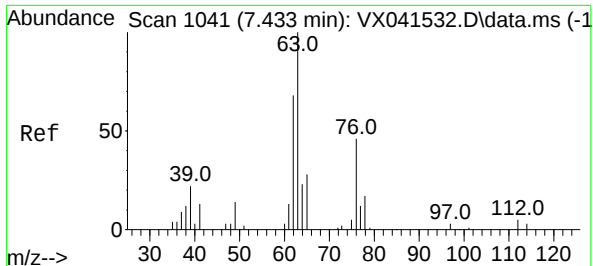
Tgt Ion:130 Resp: 34928
Ion Ratio Lower Upper
130 100
95 87.3 72.6 108.8



#38
Methylcyclohexane
Concen: 22.204 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 83 Resp: 52545
Ion Ratio Lower Upper
83 100
55 75.7 37.7 113.1
98 50.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 21.731 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

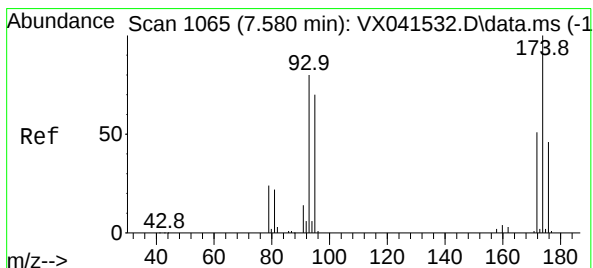
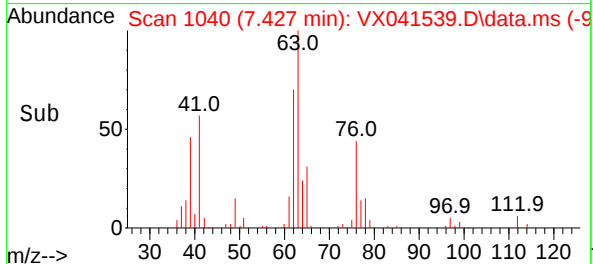
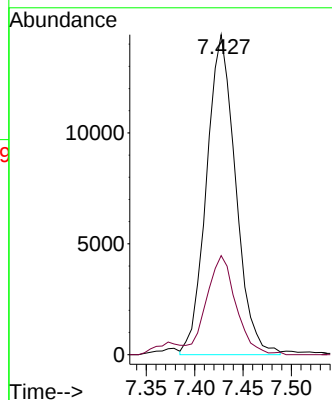
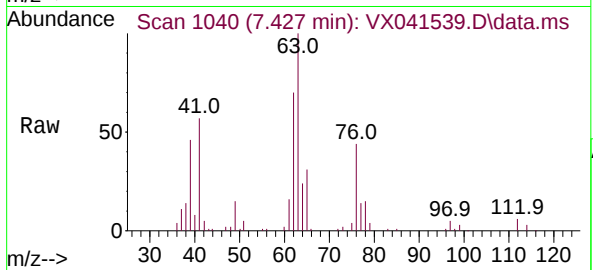
VX0515WBSD01

Tgt Ion: 63 Resp: 30236

Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.2



#40

Dibromomethane

Concen: 21.853 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

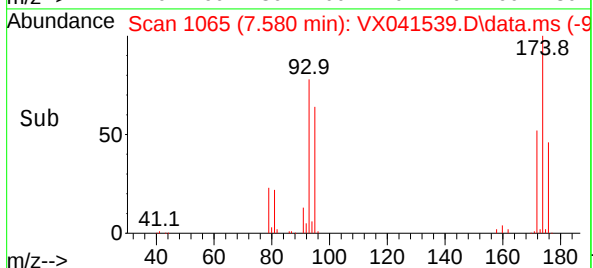
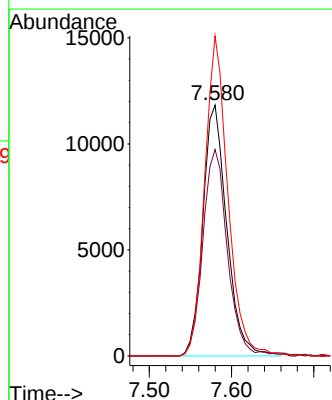
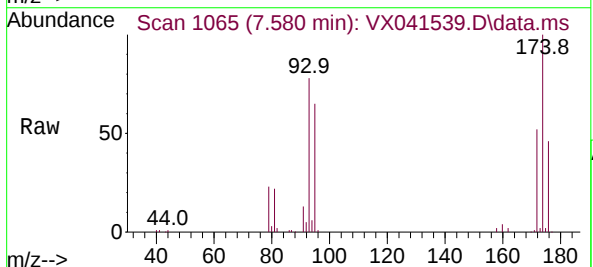
Tgt Ion: 93 Resp: 23930

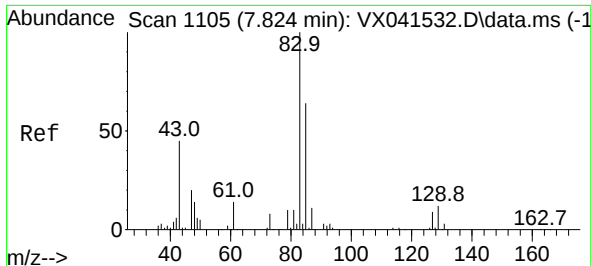
Ion Ratio Lower Upper

93 100

95 83.1 0.0 168.6

174 123.2 0.0 249.8

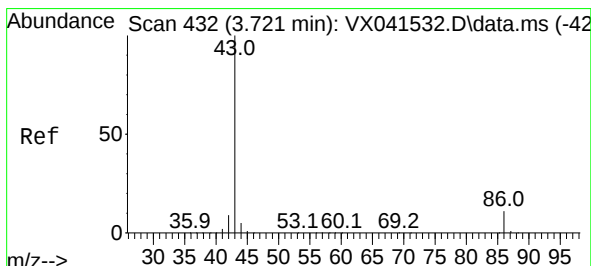
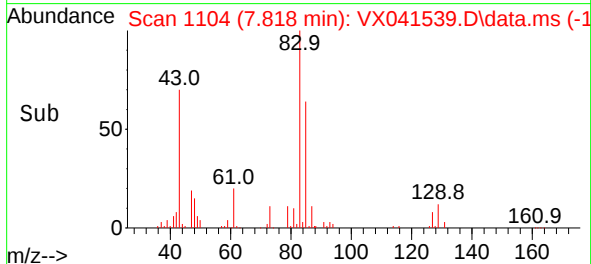
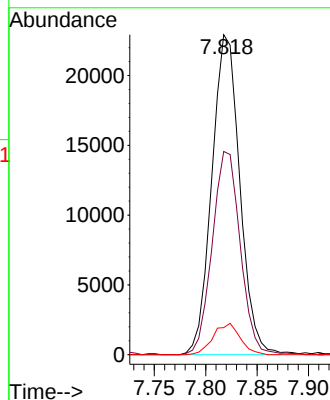
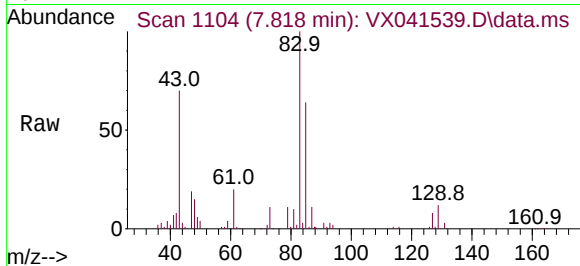




#41
Bromodichloromethane
Concen: 21.091 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

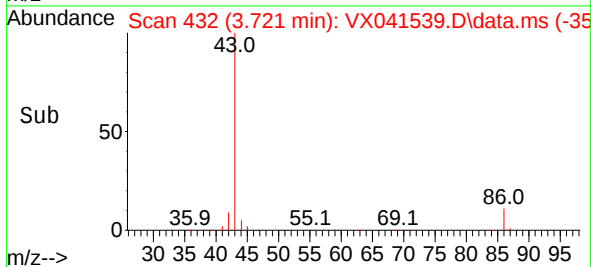
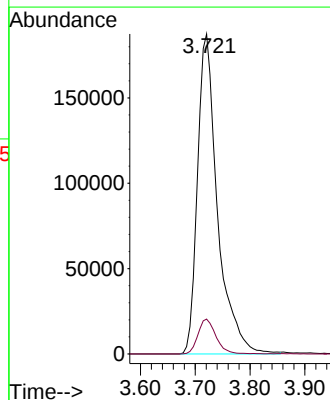
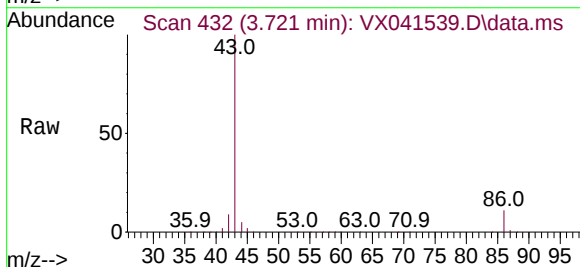
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

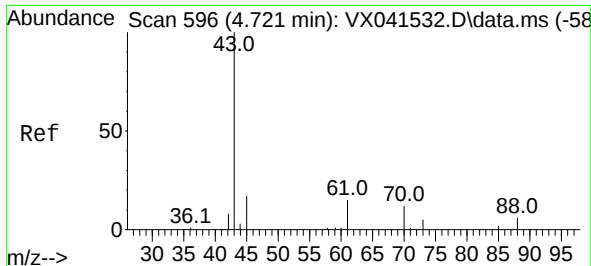
Tgt Ion: 83 Resp: 43361
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.4
127 8.4 7.1 10.7



#42
Vinyl Acetate
Concen: 111.000 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 43 Resp: 476427
Ion Ratio Lower Upper
43 100
86 9.8 7.8 11.6





#43

Ethyl Acetate

Concen: 22.036 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

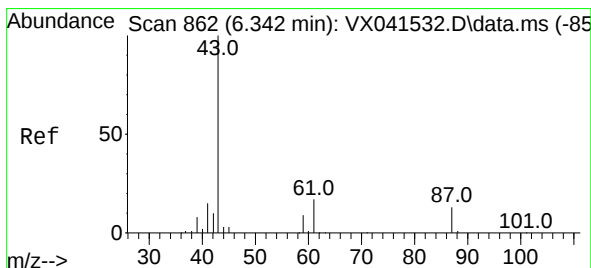
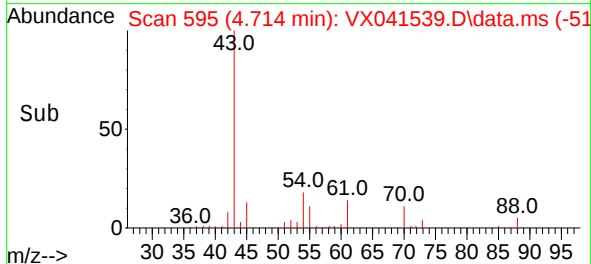
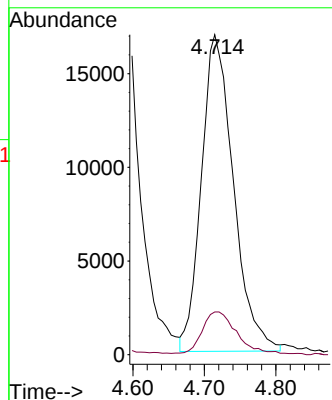
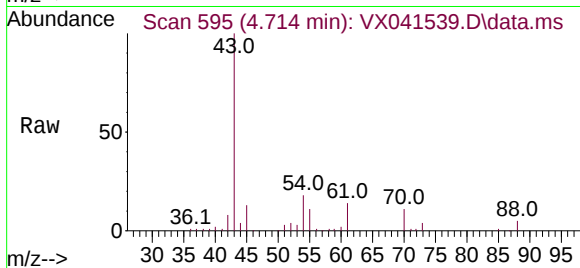
VX0515WBSD01

Tgt Ion: 43 Resp: 52598

Ion Ratio Lower Upper

43 100

45 14.5 11.9 17.9



#44

Isopropyl Acetate

Concen: 21.988 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX041539.D

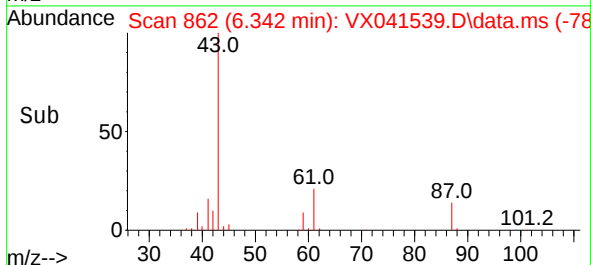
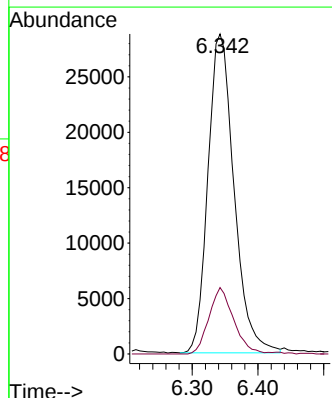
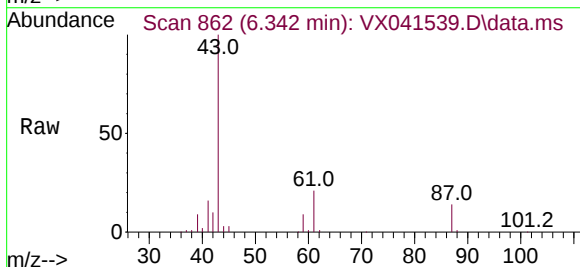
Acq: 15 May 2024 15:08

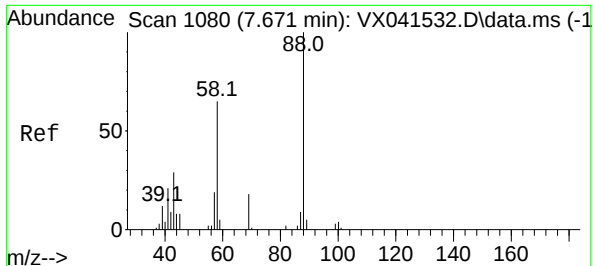
Tgt Ion: 43 Resp: 79336

Ion Ratio Lower Upper

43 100

61 19.6 15.3 22.9

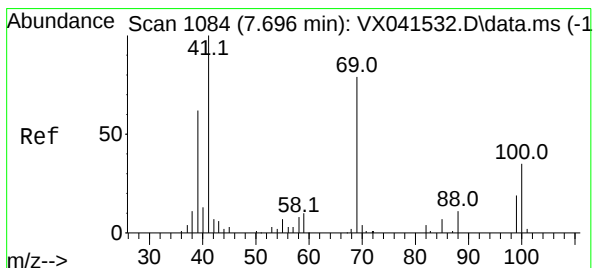
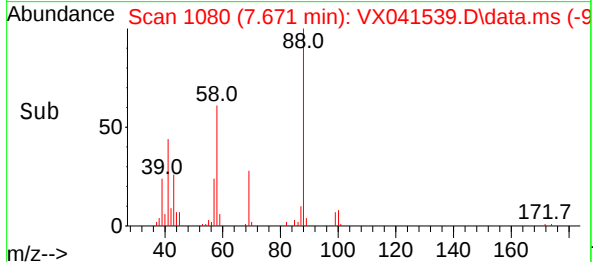
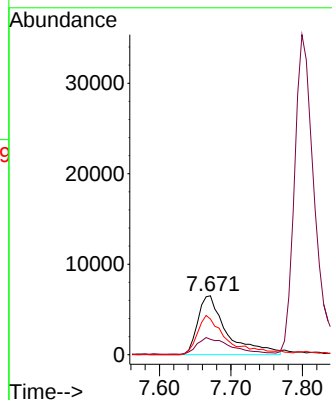
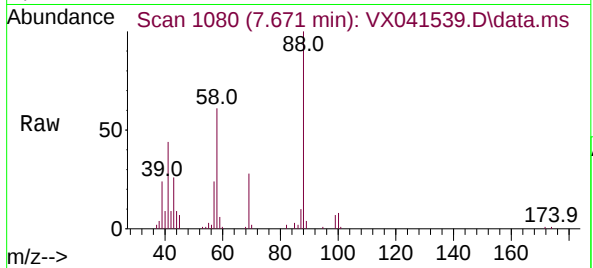




#45
1,4-Dioxane
Concen: 453.039 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

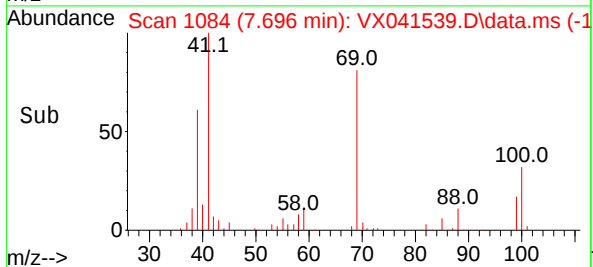
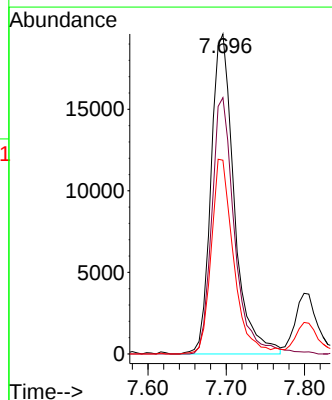
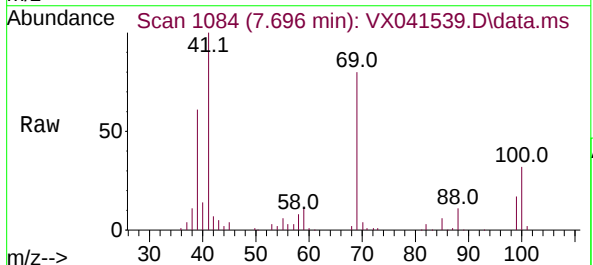
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

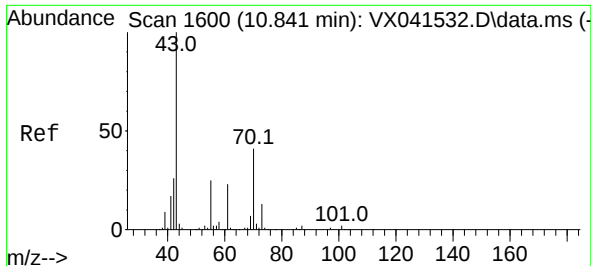
Tgt Ion: 88 Resp: 18435
Ion Ratio Lower Upper
88 100
43 32.4 24.9 37.3
58 54.7 47.0 70.4



#46
Methyl methacrylate
Concen: 22.527 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 41 Resp: 40441
Ion Ratio Lower Upper
41 100
69 80.1 39.6 119.0
39 60.6 30.9 92.8





#47

n-amyl acetate

Concen: 21.141 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

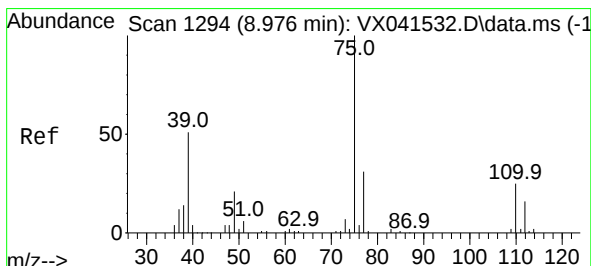
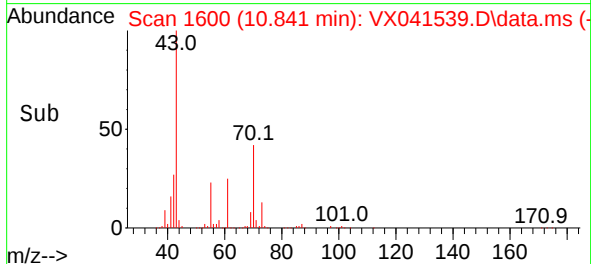
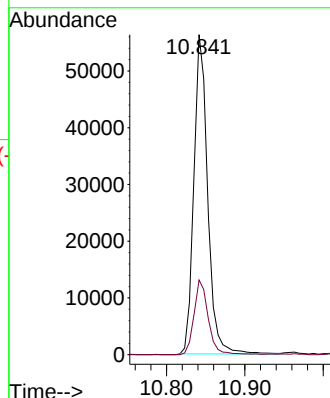
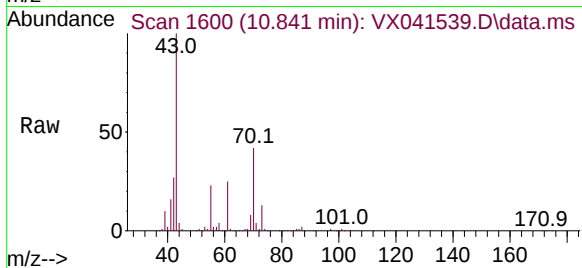
VX0515WBSD01

Tgt Ion: 43 Resp: 69172

Ion Ratio Lower Upper

43 100

55 24.1 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 20.856 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041539.D

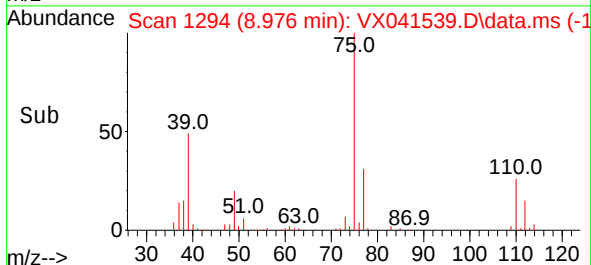
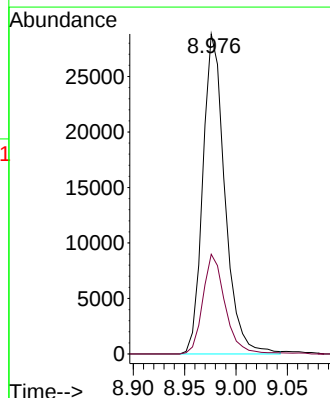
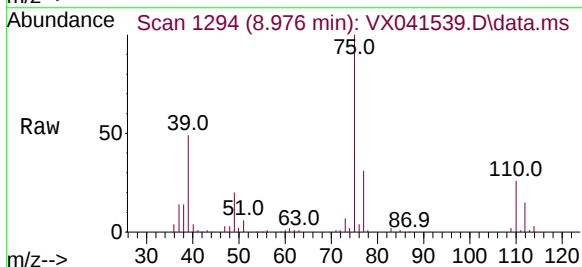
Acq: 15 May 2024 15:08

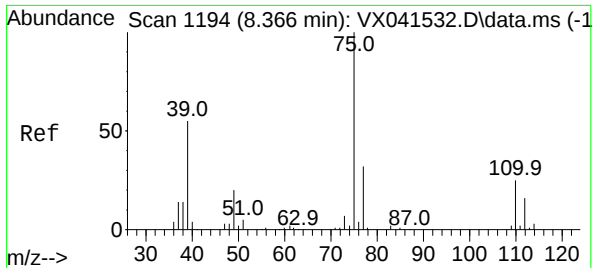
Tgt Ion: 75 Resp: 43060

Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7



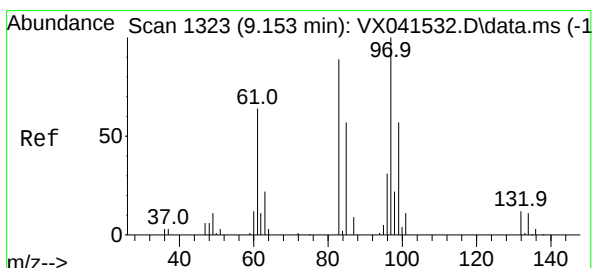
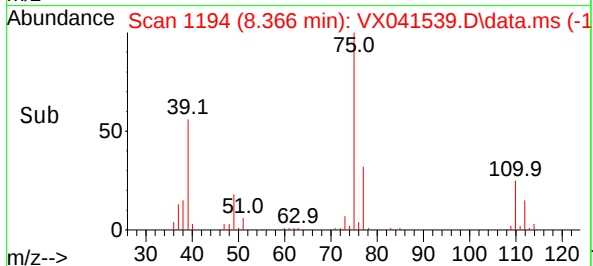
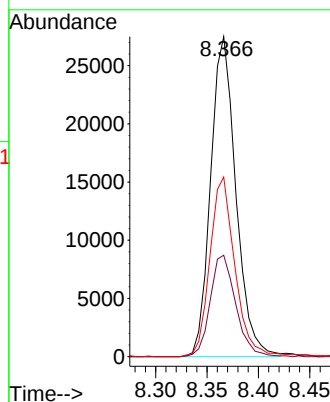
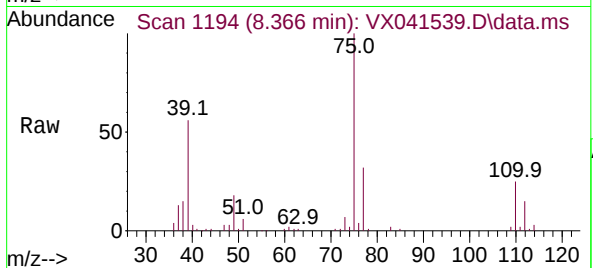


#49
 cis-1,3-Dichloropropene
 Concen: 20.991 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD01

Tgt Ion: 75 Resp: 46942

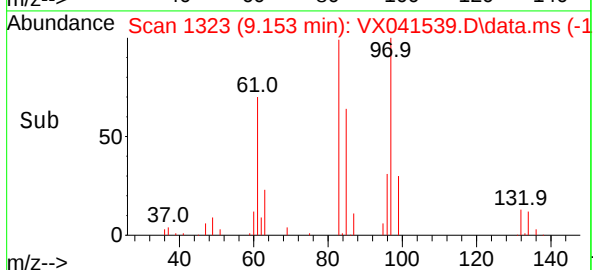
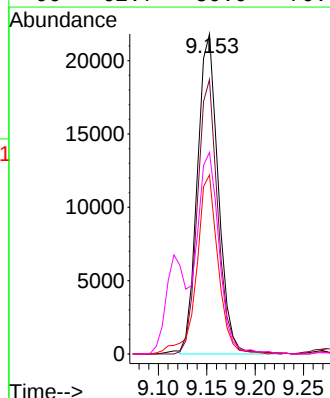
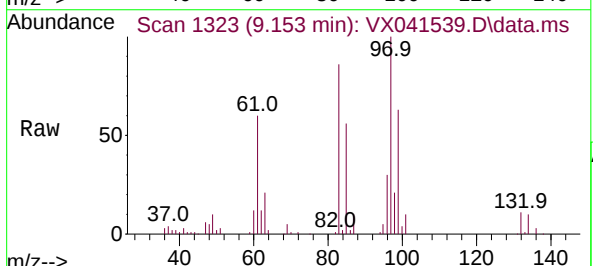
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	56.2	43.6	65.4

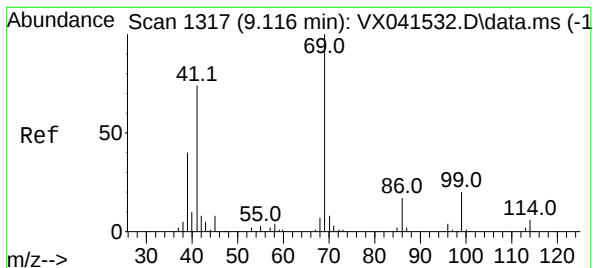


#50
 1,1,2-Trichloroethane
 Concen: 21.602 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

Tgt Ion: 97 Resp: 32908

Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.3	106.9
85	55.9	45.7	68.5
99	62.7	50.9	76.3





#51

Ethyl methacrylate

Concen: 21.374 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

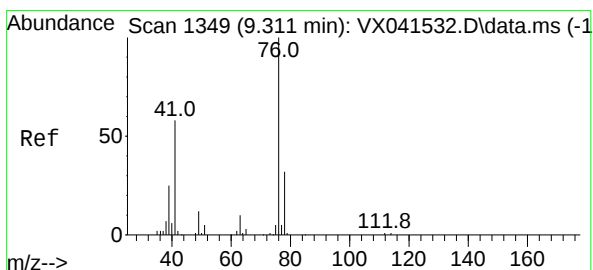
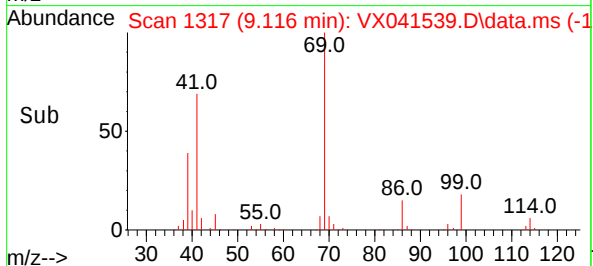
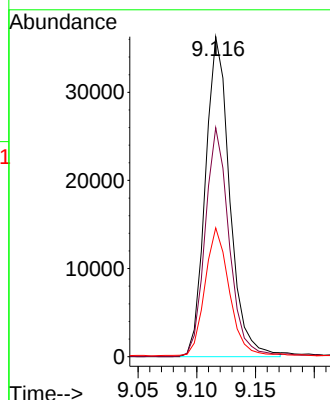
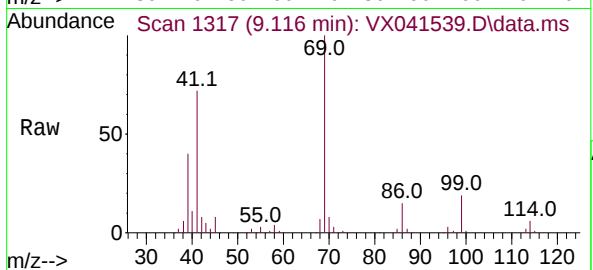
Tgt Ion: 69 Resp: 52410

Ion Ratio Lower Upper

69 100

41 71.3 37.1 111.3

39 39.8 20.2 60.6



#52

1,3-Dichloropropane

Concen: 22.041 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.006 min

Lab File: VX041539.D

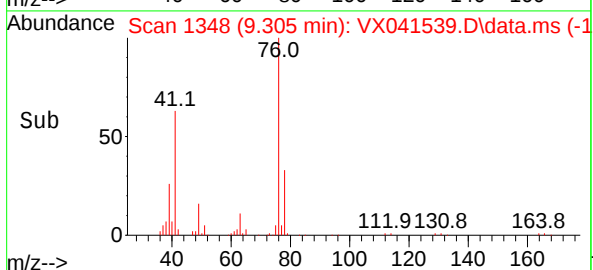
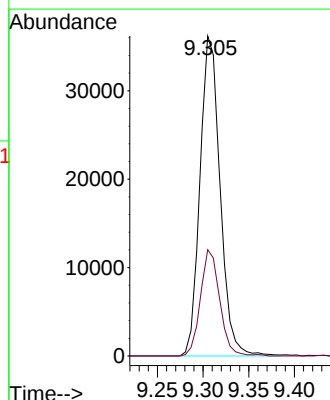
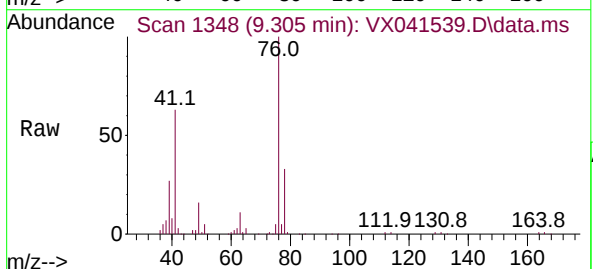
Acq: 15 May 2024 15:08

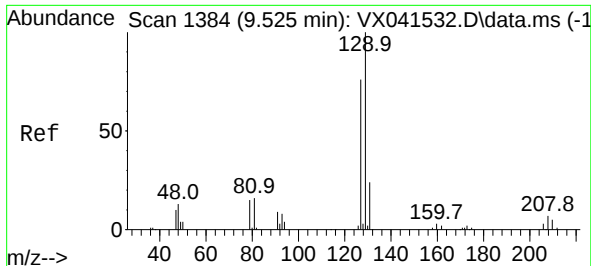
Tgt Ion: 76 Resp: 55484

Ion Ratio Lower Upper

76 100

78 31.7 0.0 64.4





#53

Dibromochloromethane

Concen: 20.941 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

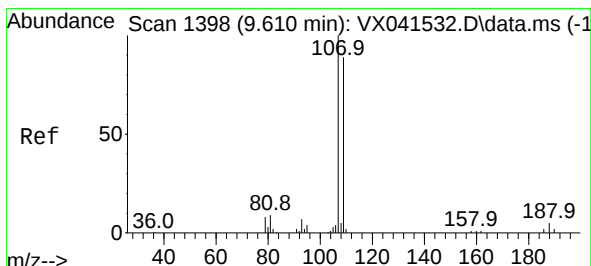
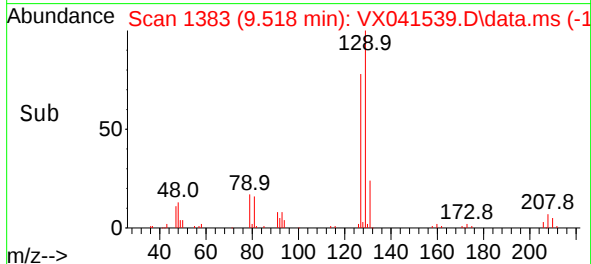
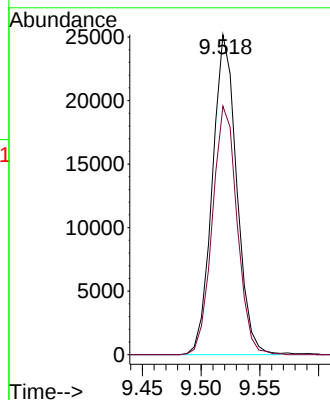
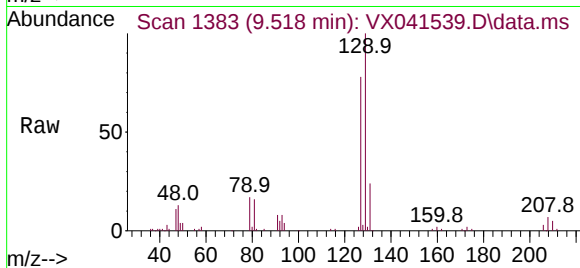
VX0515WBSD01

Tgt Ion:129 Resp: 36297

Ion Ratio Lower Upper

129 100

127 78.8 38.9 116.7



#54

1,2-Dibromoethane

Concen: 22.190 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041539.D

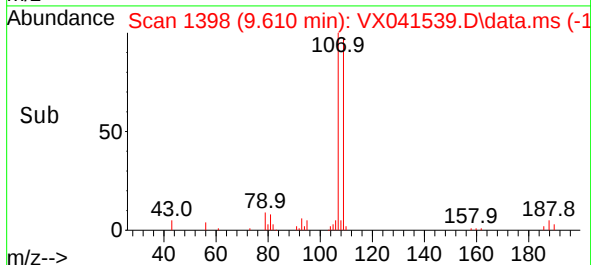
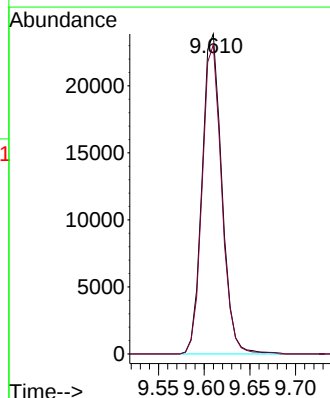
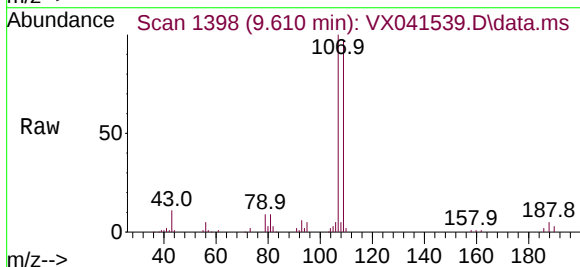
Acq: 15 May 2024 15:08

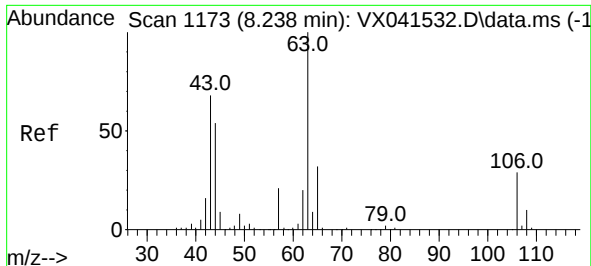
Tgt Ion:107 Resp: 35846

Ion Ratio Lower Upper

107 100

109 95.0 75.3 112.9

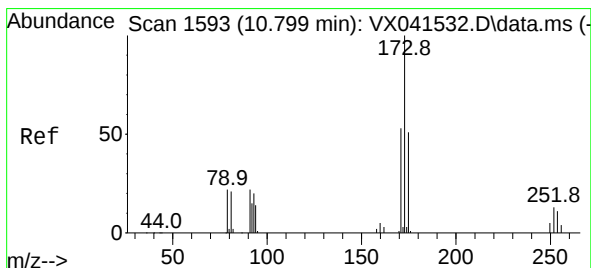
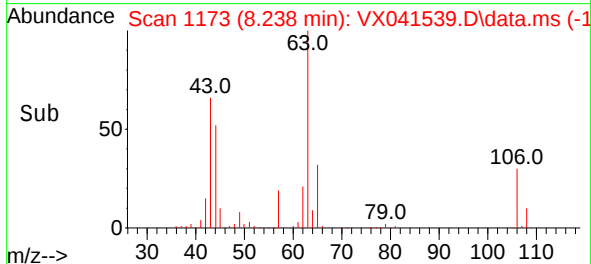
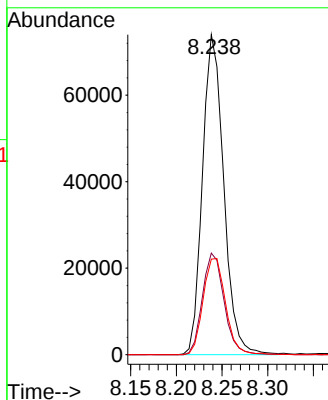
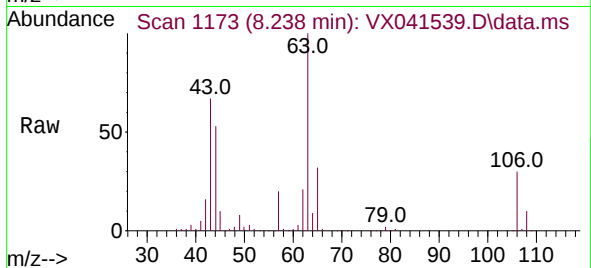




#55
2-Chloroethyl vinyl ether
Concen: 99.890 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

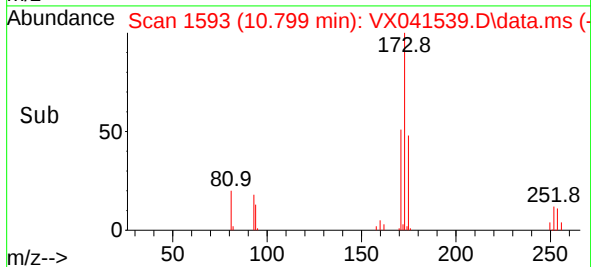
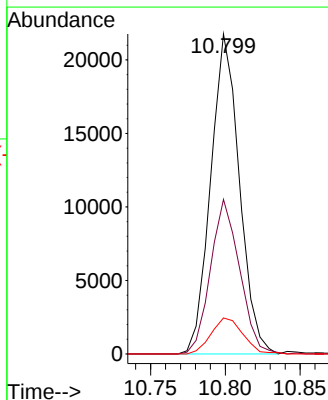
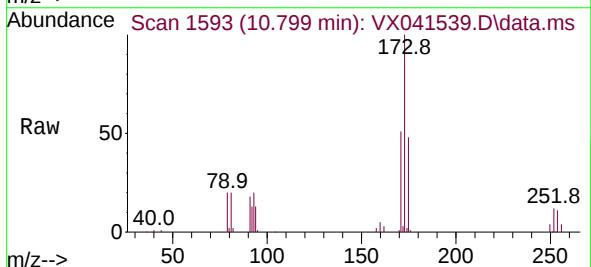
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

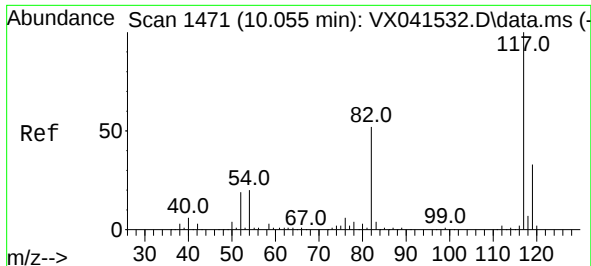
Tgt Ion: 63 Resp: 119553
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 31.6 24.7 37.1



#56
Bromoform
Concen: 20.883 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion:173 Resp: 29000
Ion Ratio Lower Upper
173 100
175 49.0 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: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

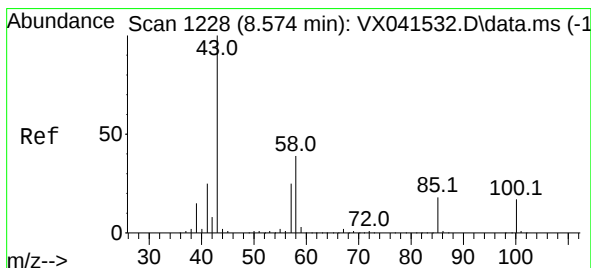
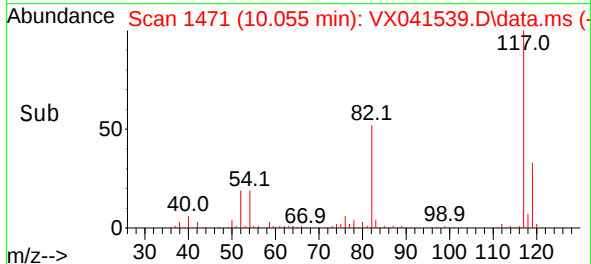
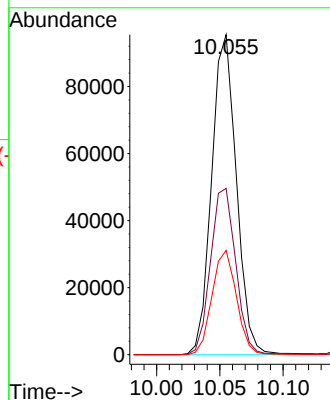
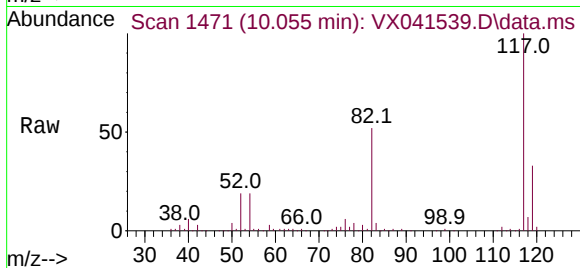
Tgt Ion:117 Resp: 129755

Ion Ratio Lower Upper

117 100

82 53.3 41.7 62.5

119 32.4 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 116.799 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

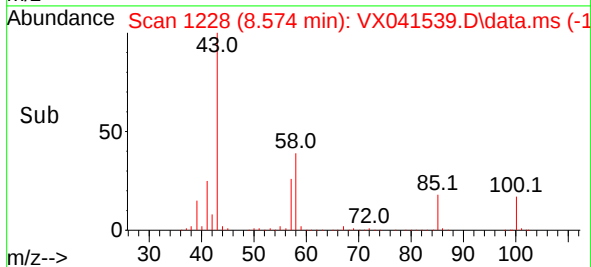
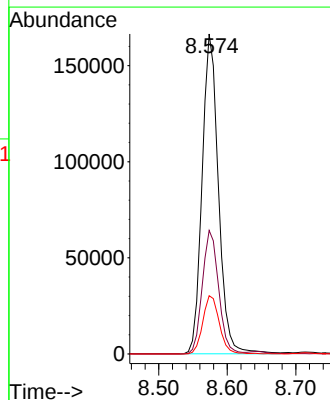
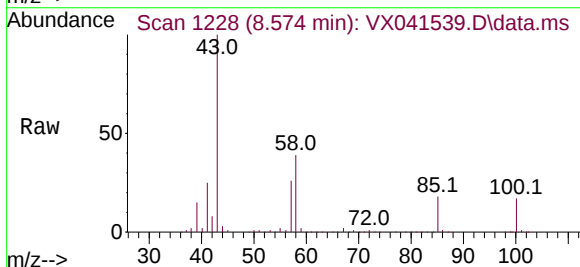
Tgt Ion: 43 Resp: 276909

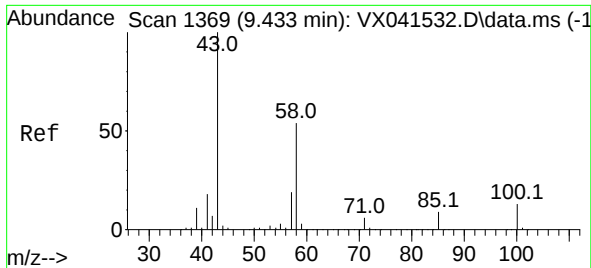
Ion Ratio Lower Upper

43 100

58 38.5 30.2 45.4

85 18.3 14.6 21.8





#59

2-Hexanone

Concen: 115.371 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

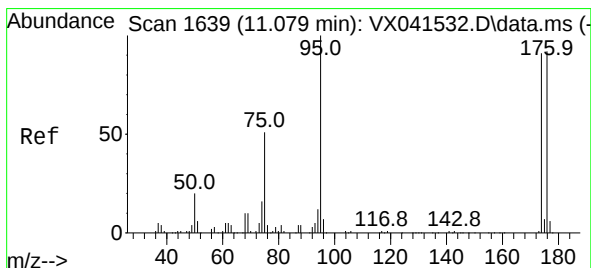
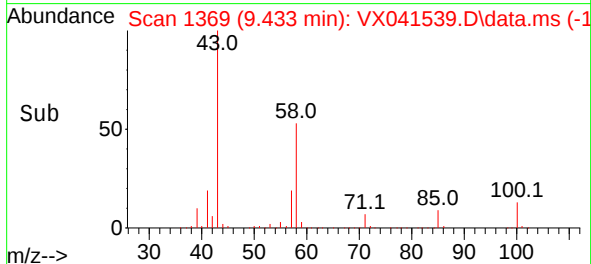
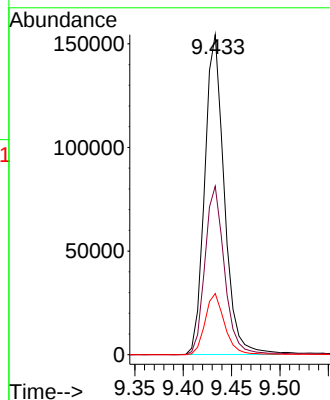
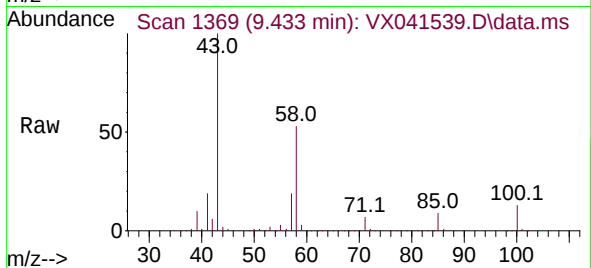
Tgt Ion: 43 Resp: 217901

Ion Ratio Lower Upper

43 100

58 52.6 42.3 63.5

57 19.2 15.1 22.7



#60

4-Bromofluorobenzene

Concen: 30.647 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

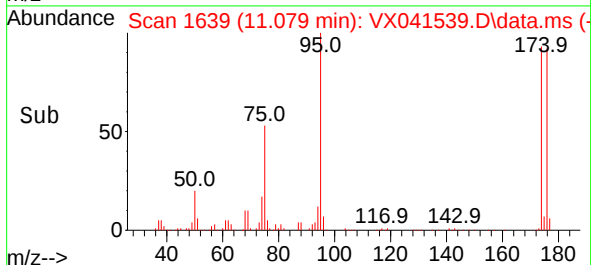
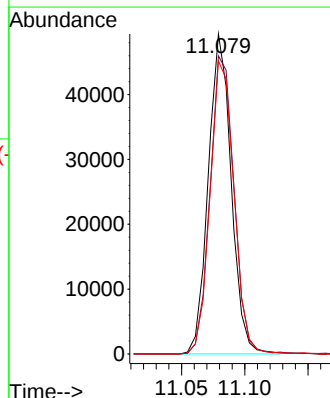
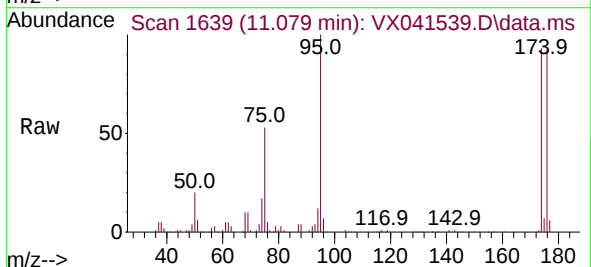
Tgt Ion: 95 Resp: 62078

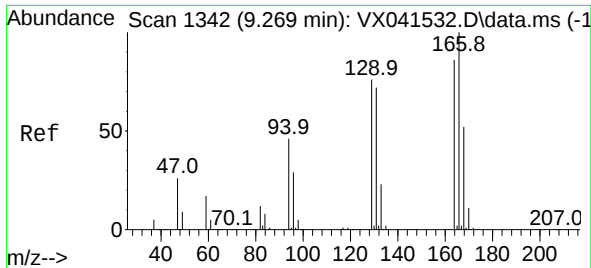
Ion Ratio Lower Upper

95 100

174 97.9 76.6 115.0

176 95.3 75.4 113.0

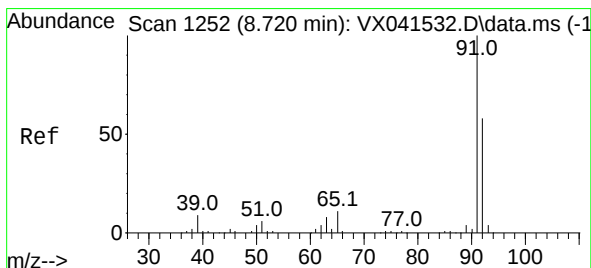
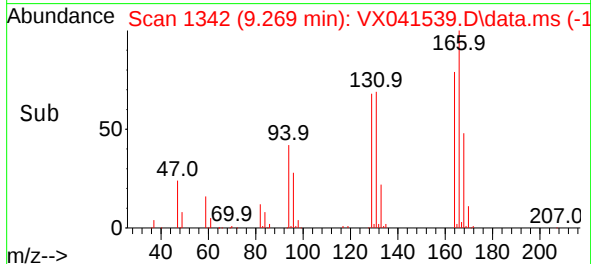
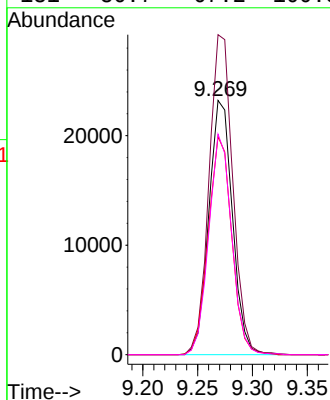
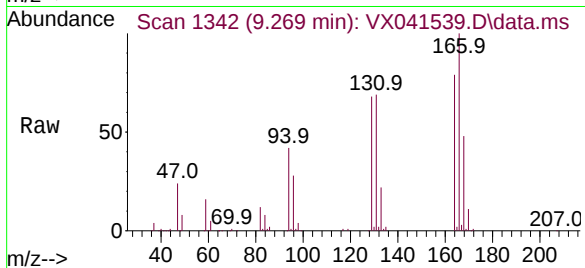




#61
Tetrachloroethene
Concen: 21.940 ug/l
RT: 9.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

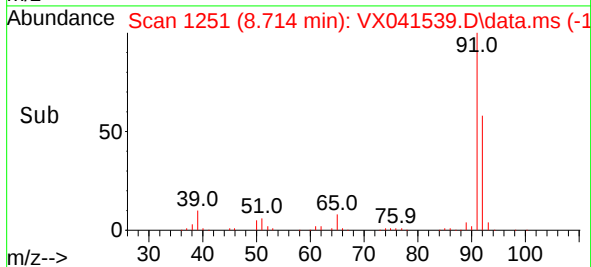
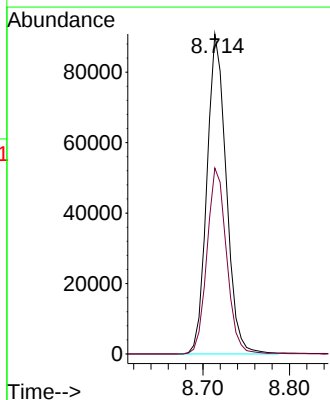
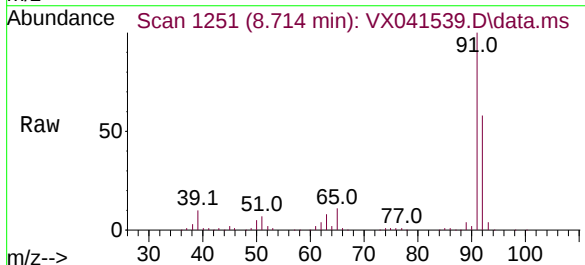
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

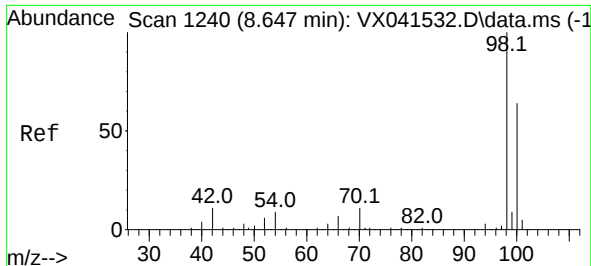
Tgt Ion:164 Resp: 34830
Ion Ratio Lower Upper
164 100
166 125.9 92.8 139.2
129 85.7 70.1 105.1
131 86.7 67.2 100.8



#62
Toluene
Concen: 21.813 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 91 Resp: 140835
Ion Ratio Lower Upper
91 100
92 58.7 47.0 70.6





#63

Toluene-d8

Concen: 30.053 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

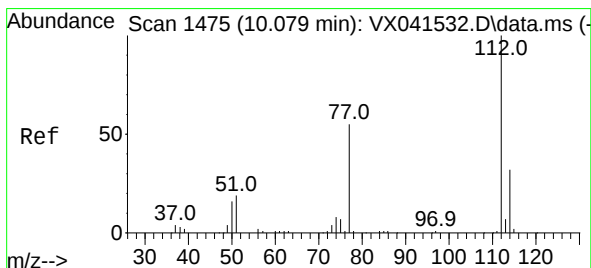
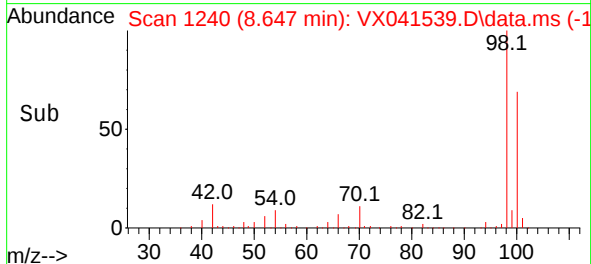
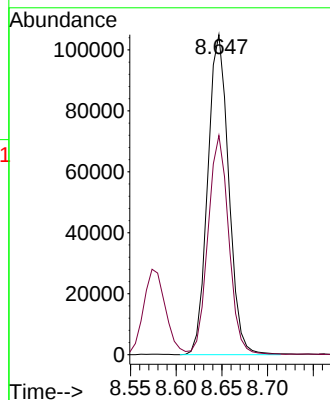
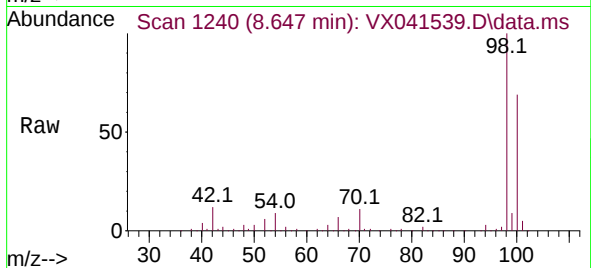
VX0515WBSD01

Tgt Ion: 98 Resp: 167156

Ion Ratio Lower Upper

98 100

100 67.4 53.1 79.7



#64

Chlorobenzene

Concen: 21.996 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041539.D

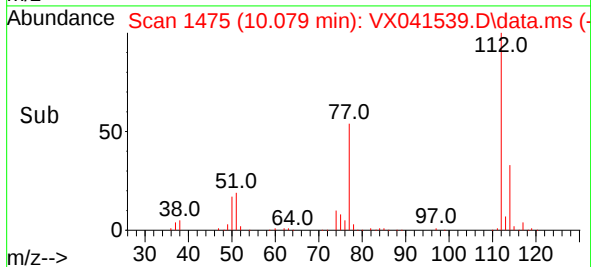
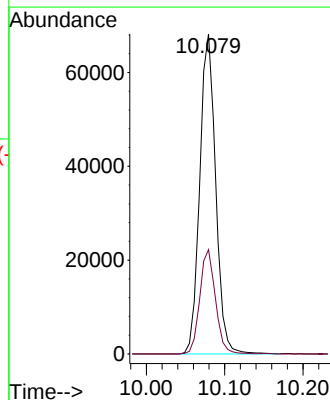
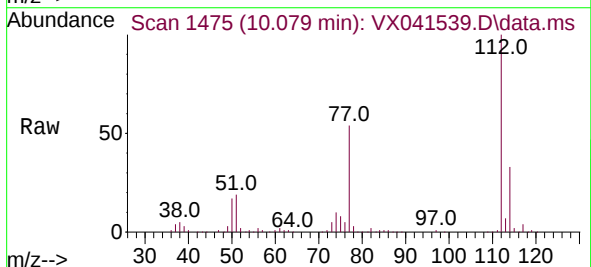
Acq: 15 May 2024 15:08

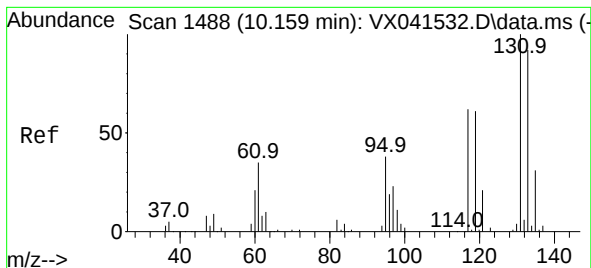
Tgt Ion: 112 Resp: 96462

Ion Ratio Lower Upper

112 100

114 32.6 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 21.329 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

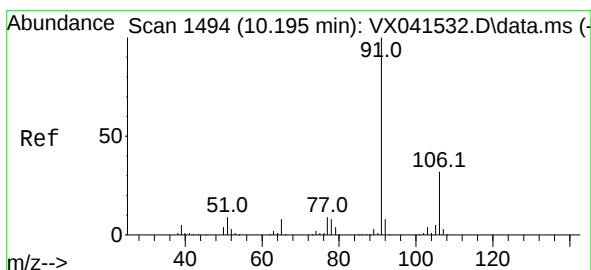
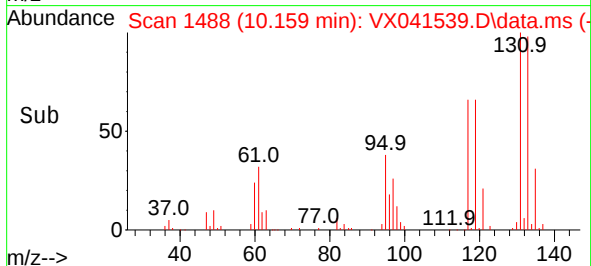
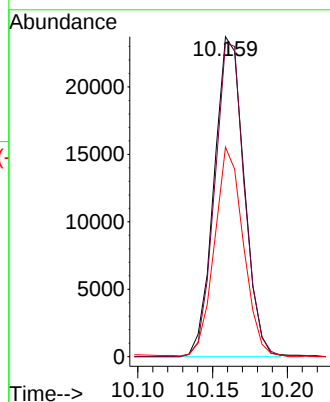
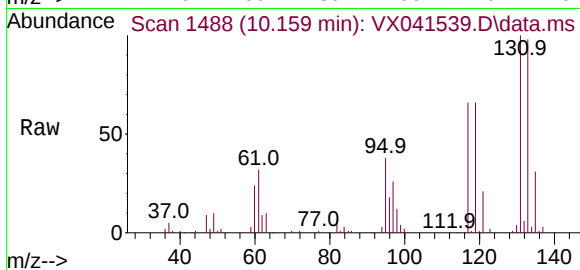
Tgt Ion:131 Resp: 33108

Ion Ratio Lower Upper

131 100

133 97.0 0.0 191.6

119 63.0 0.0 126.4



#66

Ethyl Benzene

Concen: 21.708 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041539.D

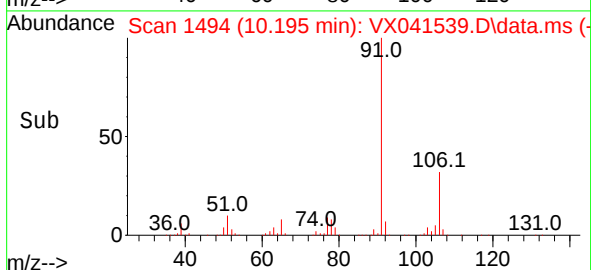
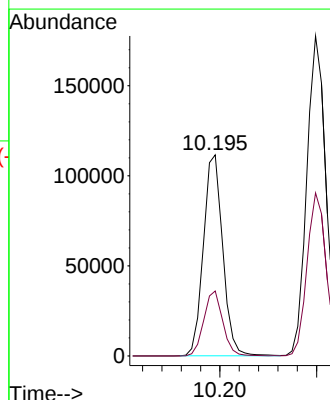
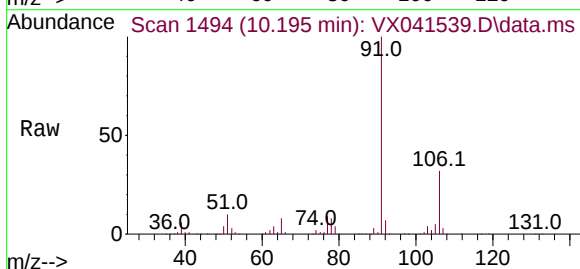
Acq: 15 May 2024 15:08

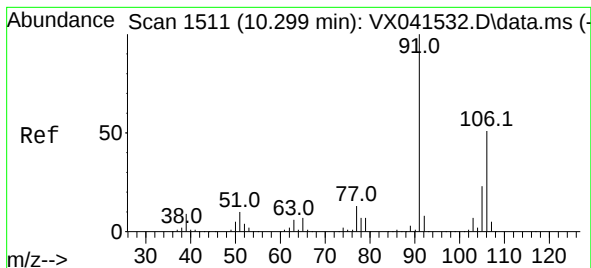
Tgt Ion: 91 Resp: 155636

Ion Ratio Lower Upper

91 100

106 32.3 25.9 38.9

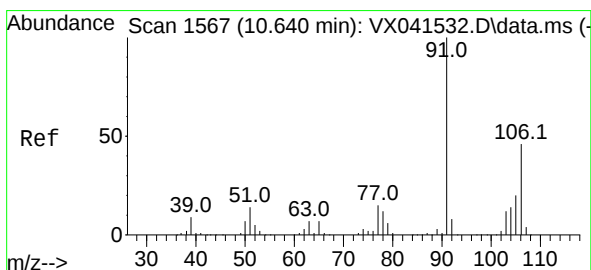
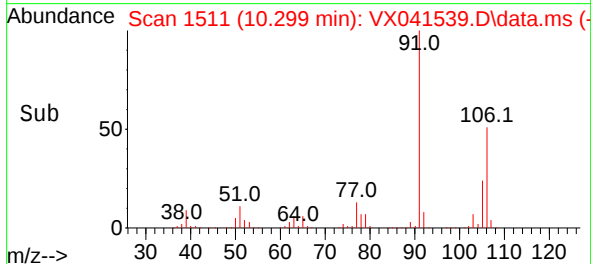
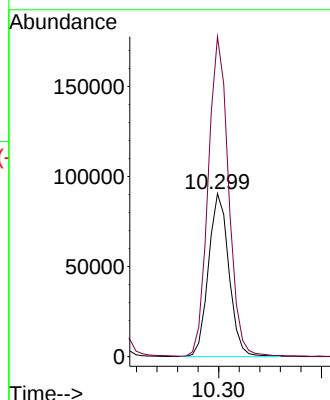
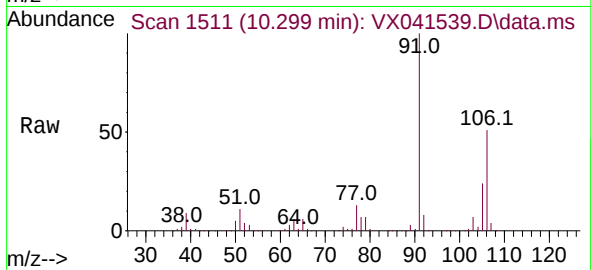




#67
m/p-Xylenes
Concen: 44.597 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

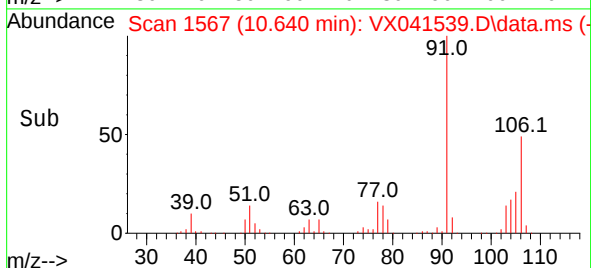
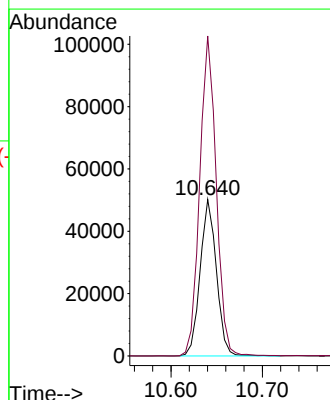
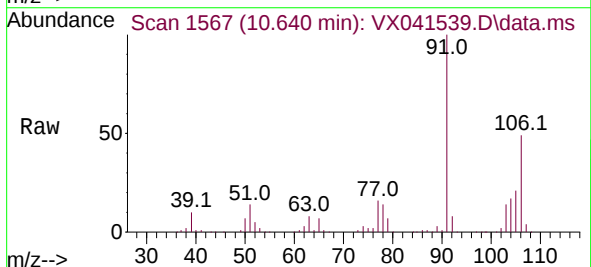
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

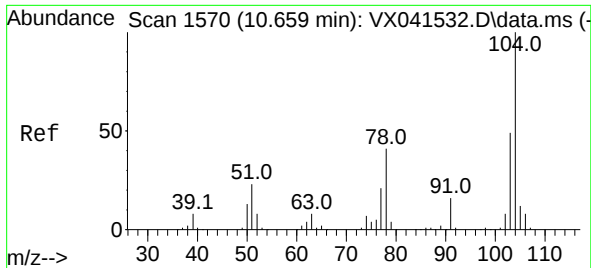
Tgt Ion:106 Resp: 125028
Ion Ratio Lower Upper
106 100
91 196.8 156.5 234.7



#68
o-Xylene
Concen: 21.998 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion:106 Resp: 62078
Ion Ratio Lower Upper
106 100
91 207.4 105.2 315.6





#69

Styrene

Concen: 22.061 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

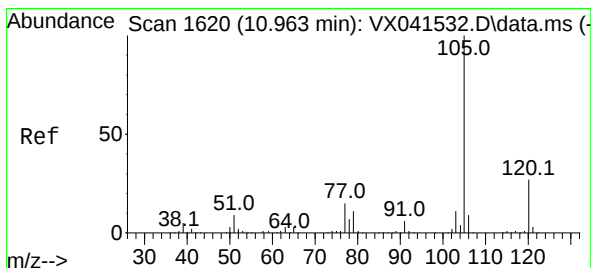
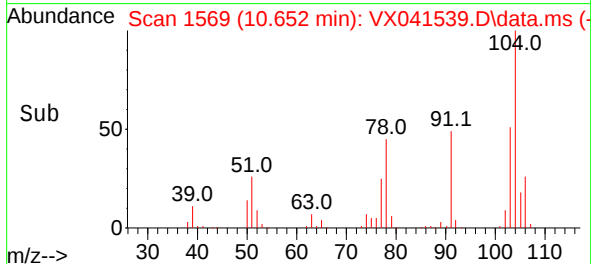
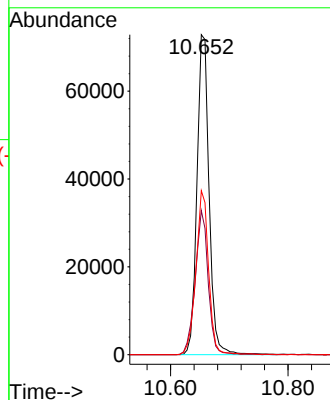
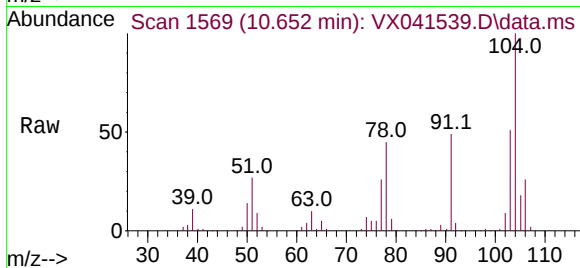
Tgt Ion:104 Resp: 104386

Ion Ratio Lower Upper

104 100

78 48.0 39.3 58.9

103 53.5 43.2 64.8



#70

Isopropylbenzene

Concen: 22.321 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041539.D

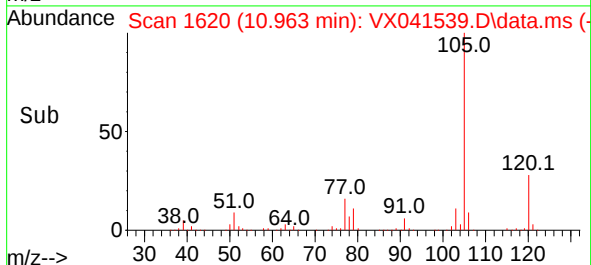
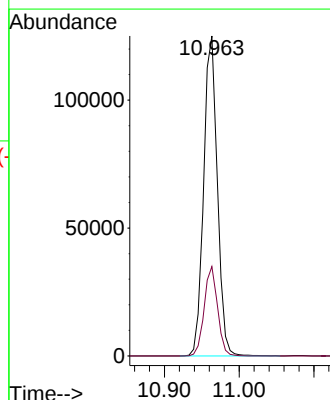
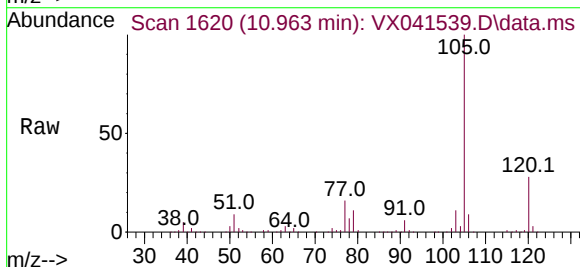
Acq: 15 May 2024 15:08

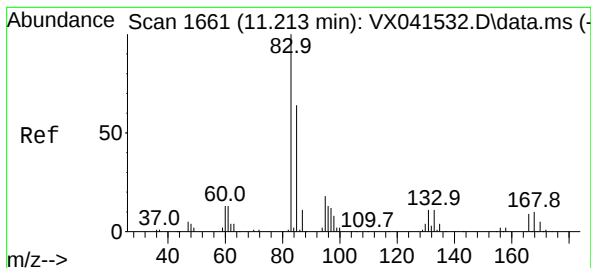
Tgt Ion:105 Resp: 159165

Ion Ratio Lower Upper

105 100

120 27.2 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 22.250 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

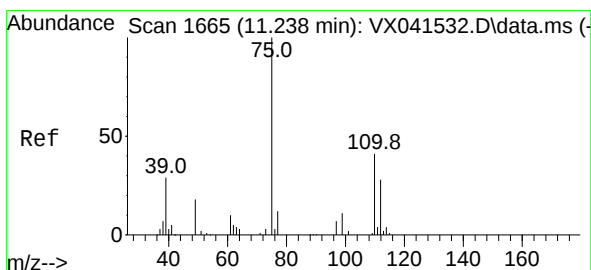
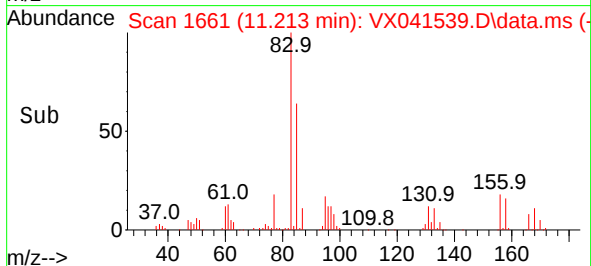
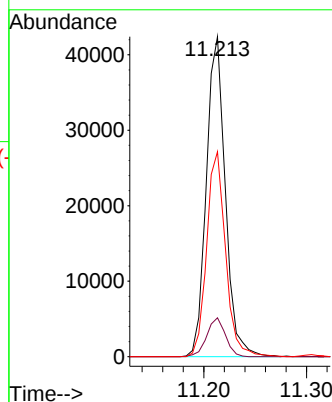
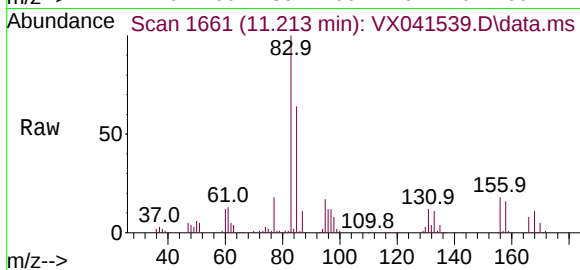
Tgt Ion: 83 Resp: 54505

Ion Ratio Lower Upper

83 100

131 12.0 5.7 17.0

85 63.8 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 27.263 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041539.D

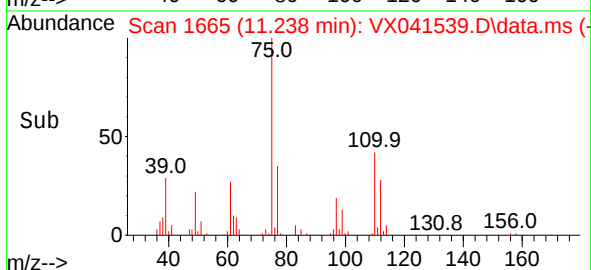
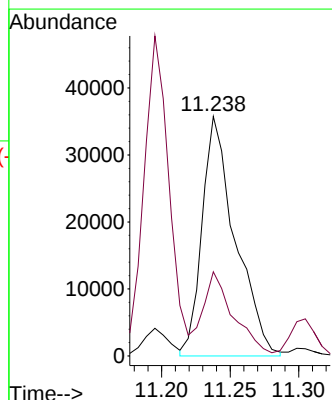
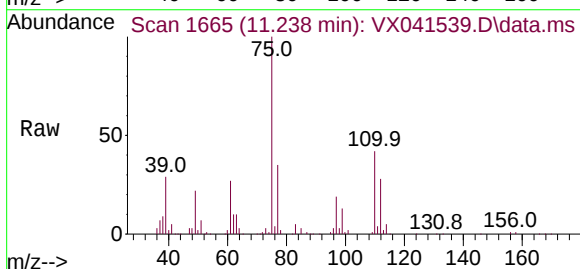
Acq: 15 May 2024 15:08

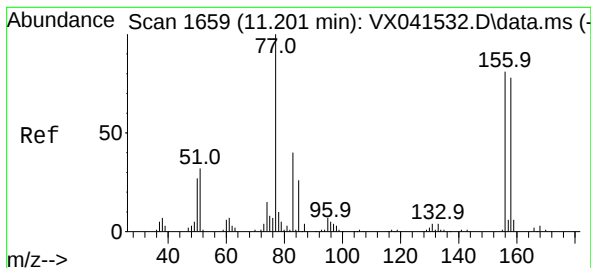
Tgt Ion: 75 Resp: 60228

Ion Ratio Lower Upper

75 100

77 32.8 0.0 78.8





#73

Bromobenzene

Concen: 21.734 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

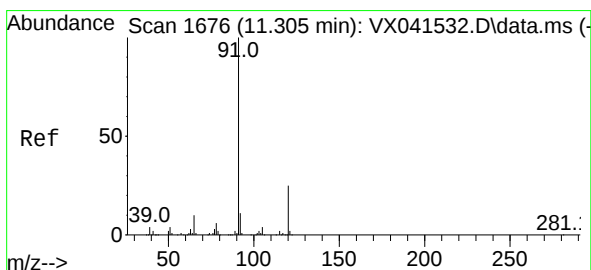
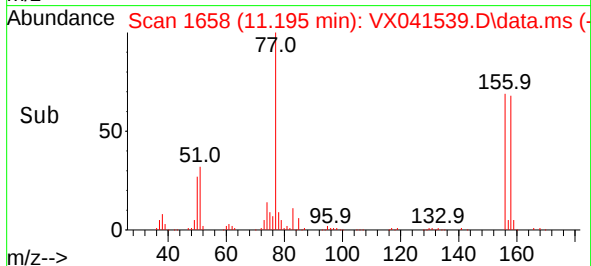
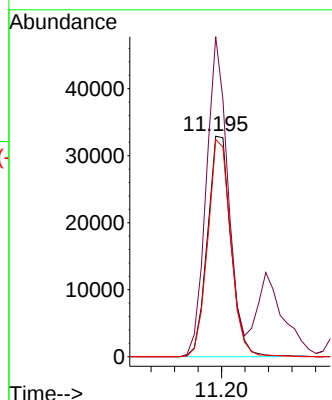
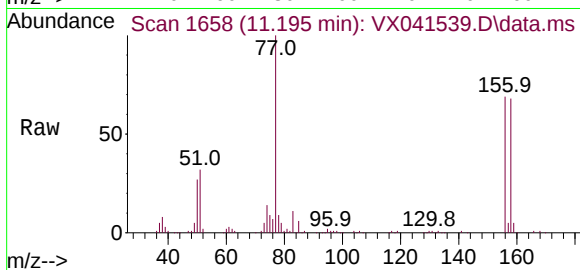
Tgt Ion:156 Resp: 45539

Ion Ratio Lower Upper

156 100

77 133.8 0.0 267.4

158 96.2 0.0 192.8



#74

n-propylbenzene

Concen: 22.131 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041539.D

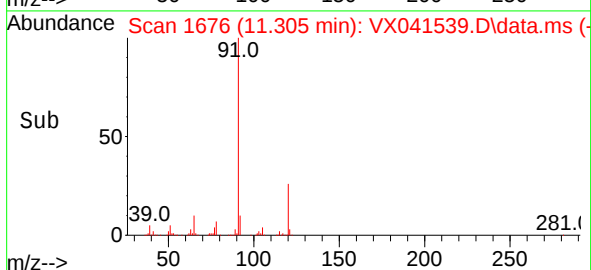
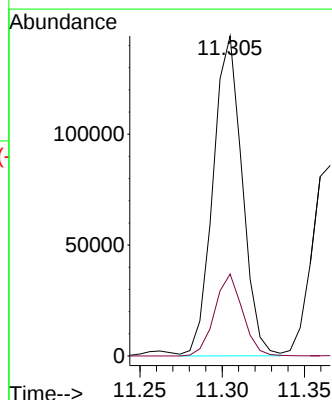
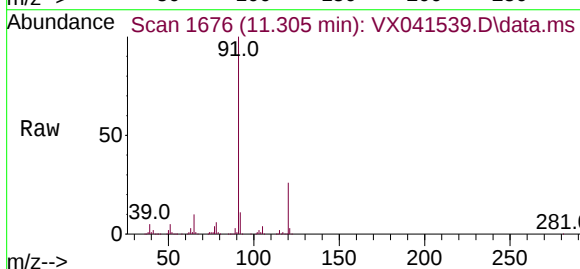
Acq: 15 May 2024 15:08

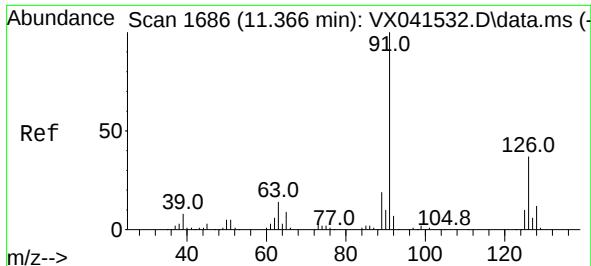
Tgt Ion: 91 Resp: 177949

Ion Ratio Lower Upper

91 100

120 24.5 0.0 48.4

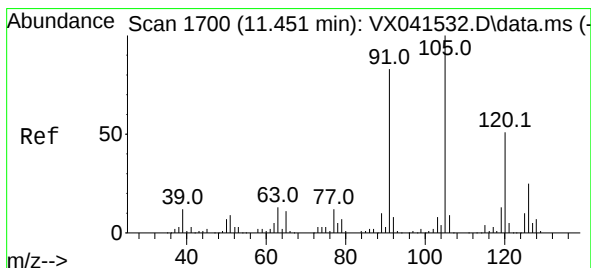
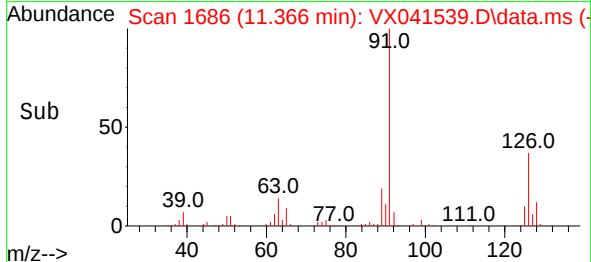
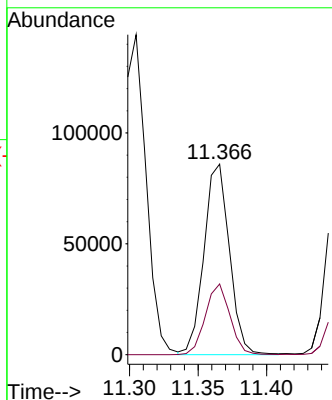
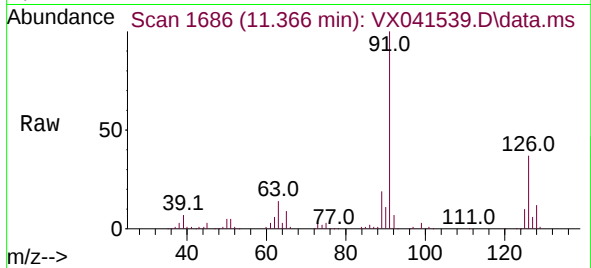




#75
2-Chlorotoluene
Concen: 22.059 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

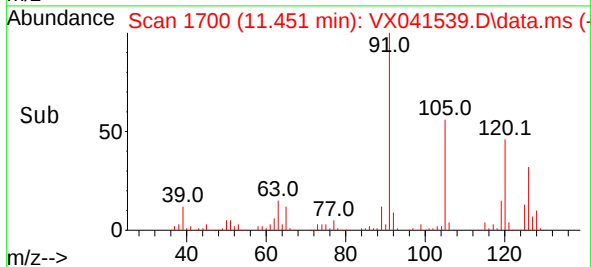
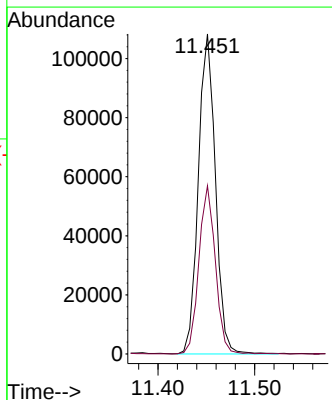
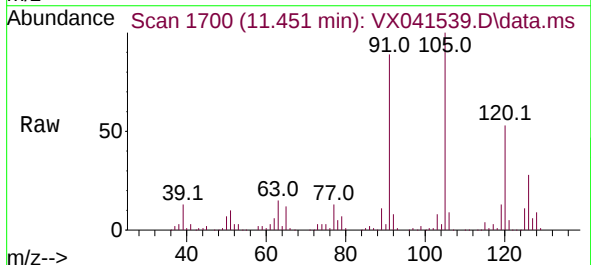
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

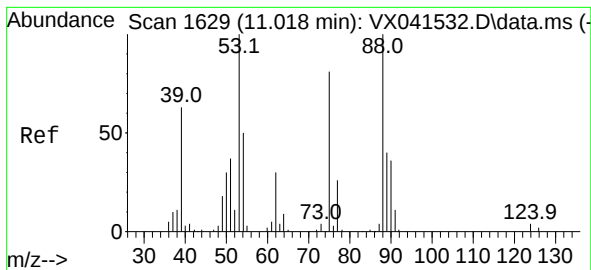
Tgt Ion: 91 Resp: 111384
Ion Ratio Lower Upper
91 100
126 35.8 0.0 71.6



#76
1,3,5-Trimethylbenzene
Concen: 21.884 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion:105 Resp: 133197
Ion Ratio Lower Upper
105 100
120 50.7 0.0 102.6

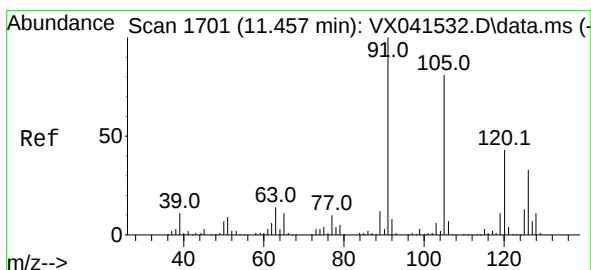
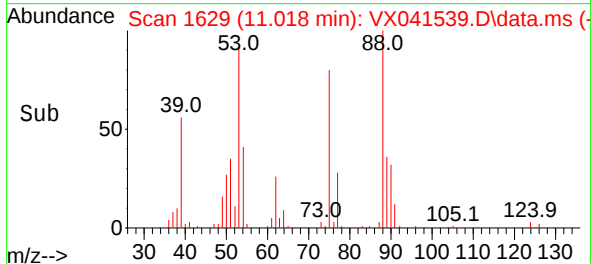
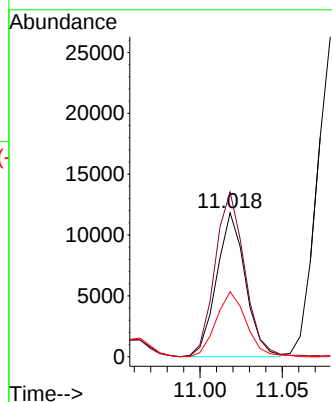
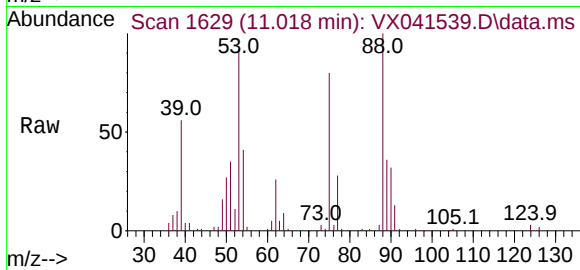




#77
t-1,4-Dichloro-2-butene
Concen: 20.727 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

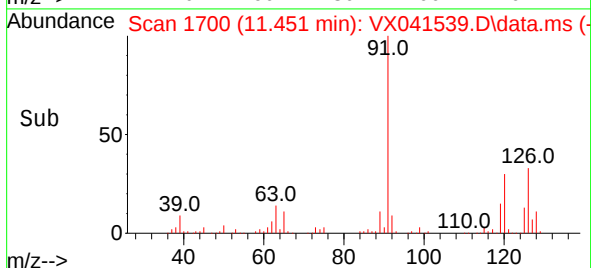
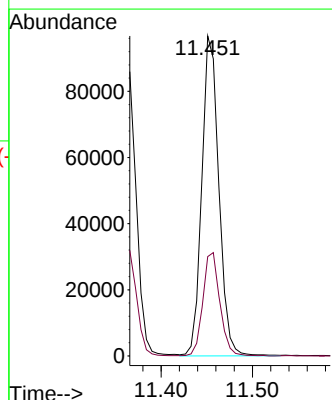
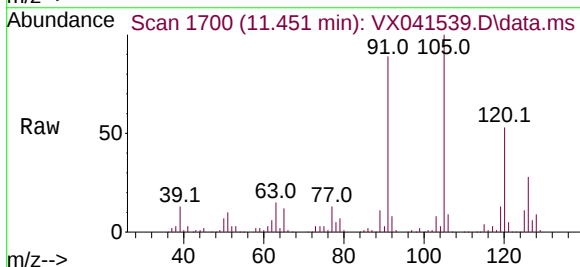
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBSD01

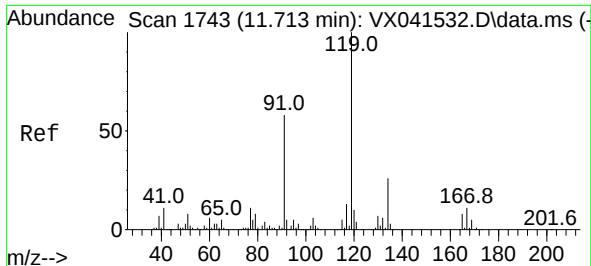
Tgt Ion: 75 Resp: 14392
Ion Ratio Lower Upper
75 100
53 114.6 61.8 185.3
89 45.2 24.9 74.7



#78
4-Chlorotoluene
Concen: 21.767 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041539.D
Acq: 15 May 2024 15:08

Tgt Ion: 91 Resp: 125183
Ion Ratio Lower Upper
91 100
126 32.2 0.0 62.2





#79

tert-butylbenzene

Concen: 21.727 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

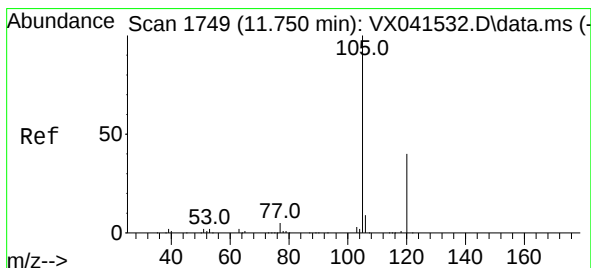
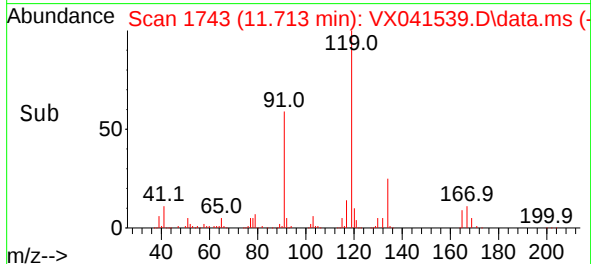
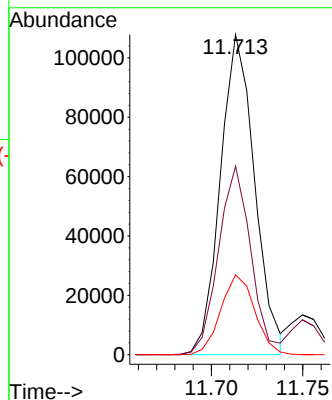
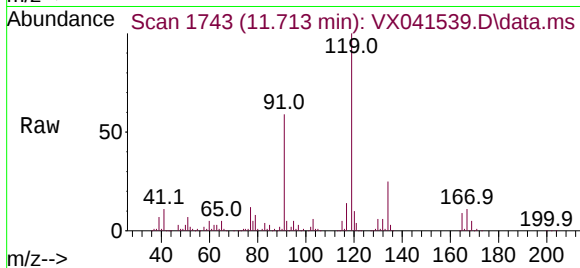
Tgt Ion:119 Resp: 140751

Ion Ratio Lower Upper

119 100

91 55.9 0.0 110.0

134 24.8 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 21.784 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041539.D

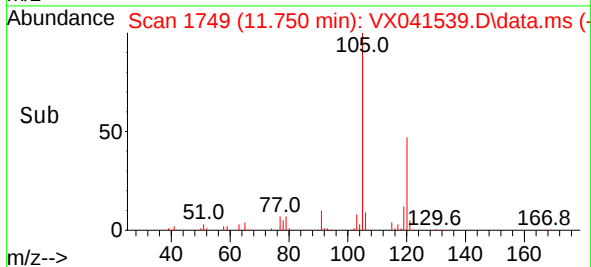
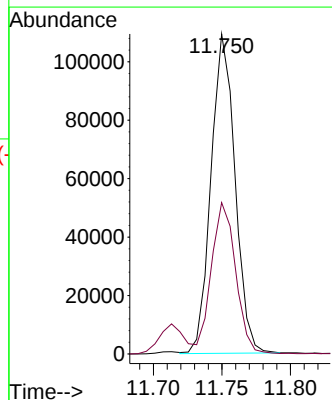
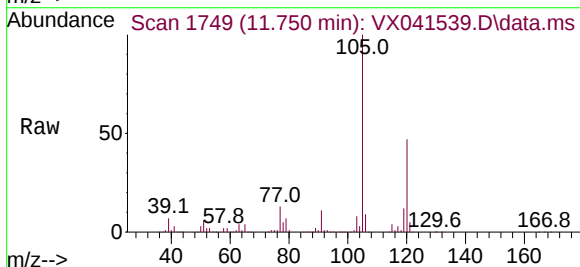
Acq: 15 May 2024 15:08

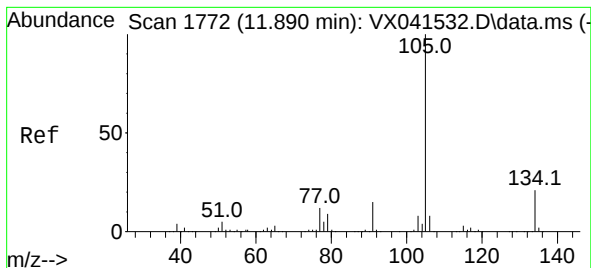
Tgt Ion:105 Resp: 132900

Ion Ratio Lower Upper

105 100

120 47.8 0.0 92.2

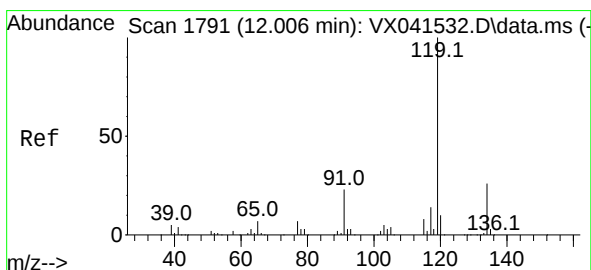
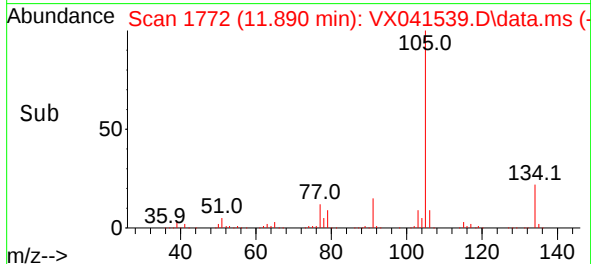
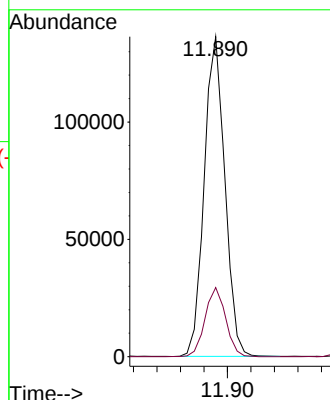
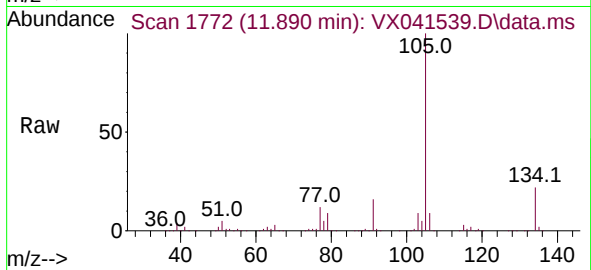




#81
 sec-Butylbenzene
 Concen: 21.952 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

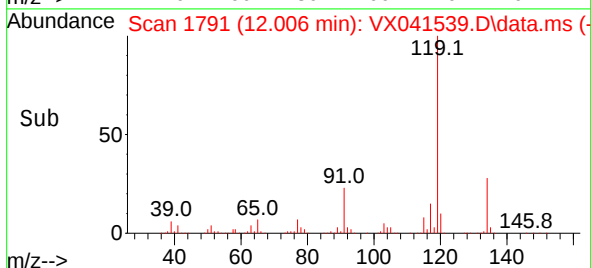
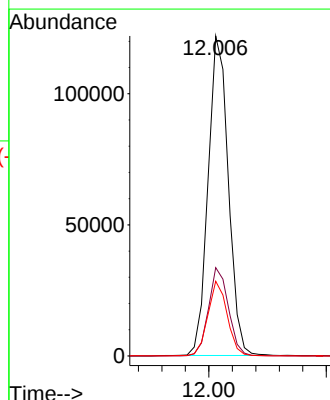
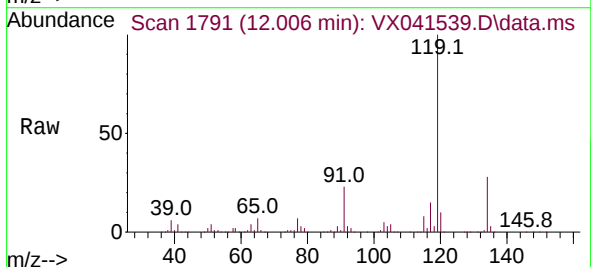
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD01

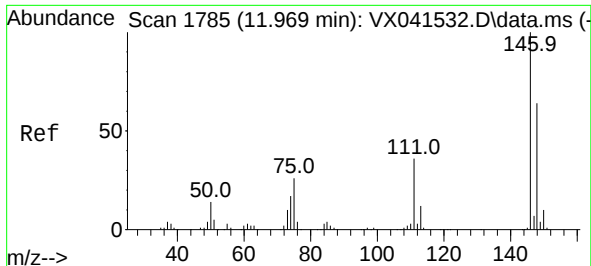
Tgt Ion:105 Resp: 166167
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 43.4



#82
 p-Isopropyltoluene
 Concen: 21.967 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041539.D
 Acq: 15 May 2024 15:08

Tgt Ion:119 Resp: 145562
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 53.4
 91 22.2 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 22.065 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

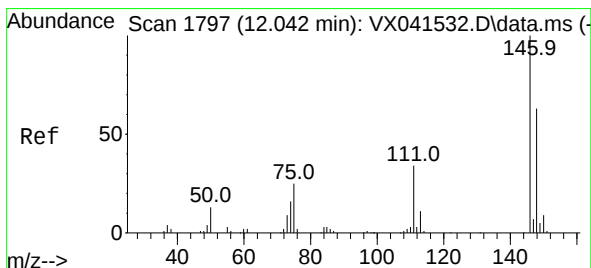
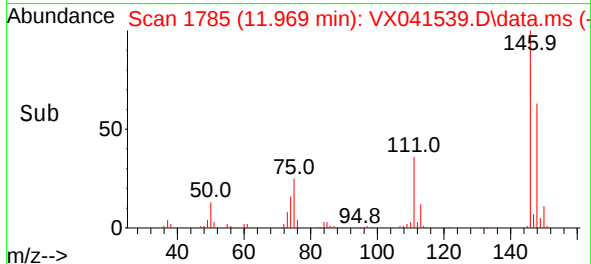
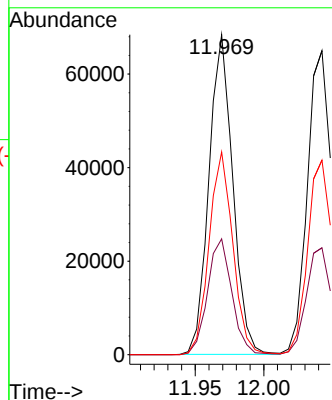
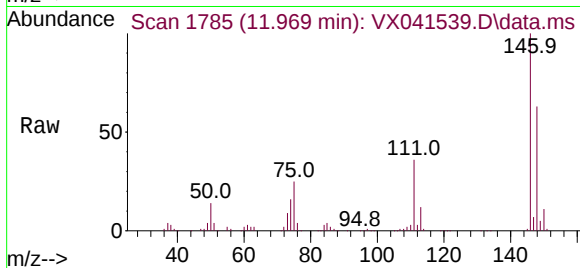
Tgt Ion:146 Resp: 82916

Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.2

148 63.4 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 21.998 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

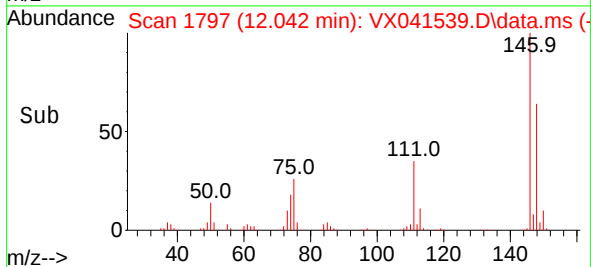
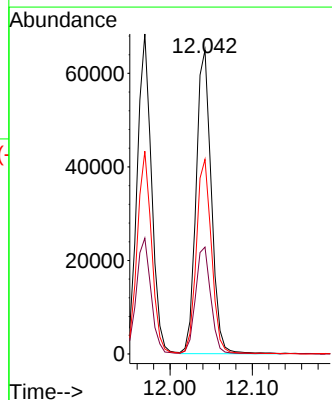
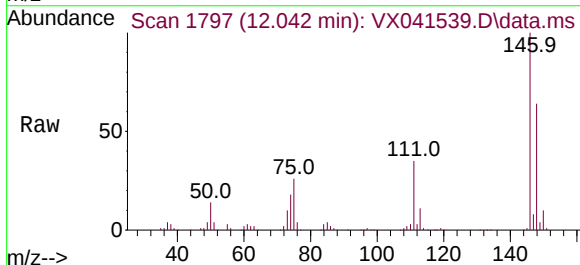
Tgt Ion:146 Resp: 83526

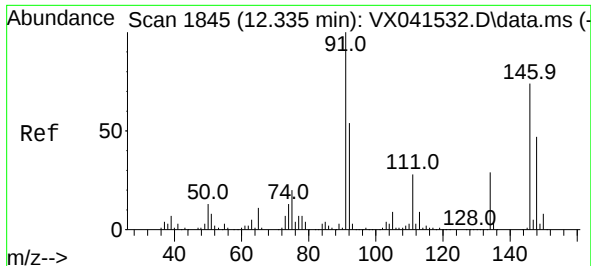
Ion Ratio Lower Upper

146 100

111 35.3 17.8 53.5

148 63.8 31.9 95.5





#85

n-Butylbenzene

Concen: 21.474 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

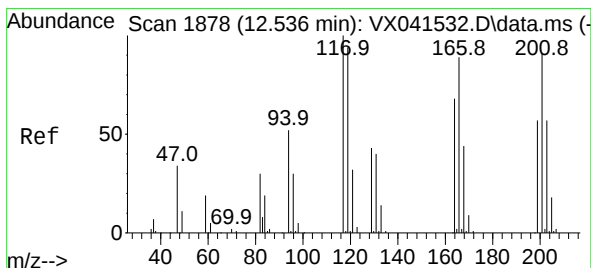
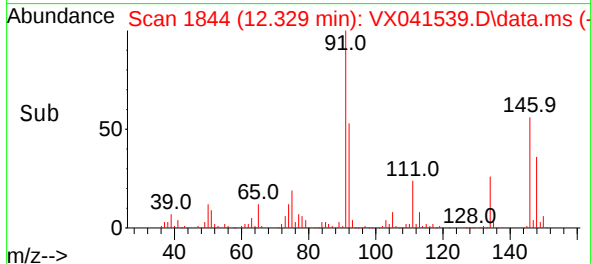
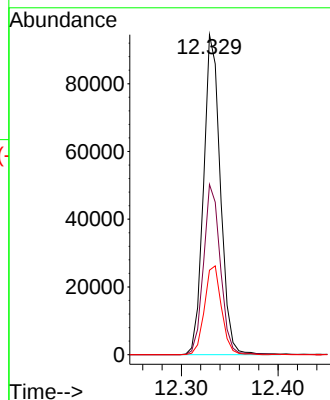
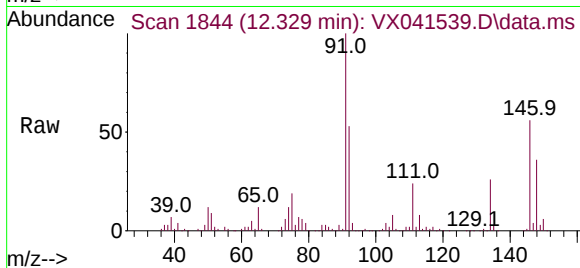
Tgt Ion: 91 Resp: 114500

Ion Ratio Lower Upper

91 100

92 53.2 0.0 108.4

134 28.0 0.0 56.6



#86

Hexachloroethane

Concen: 20.753 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041539.D

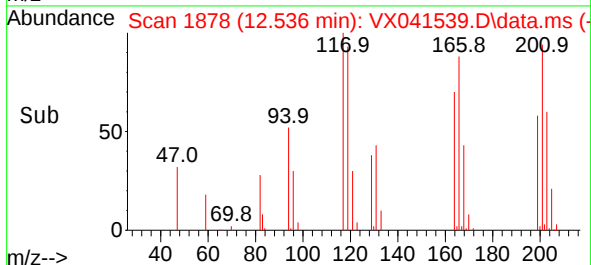
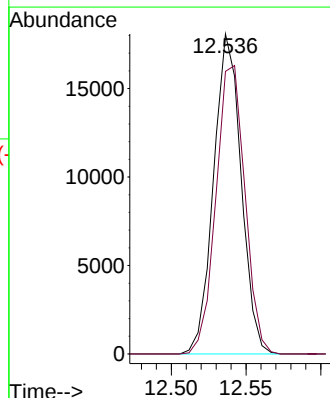
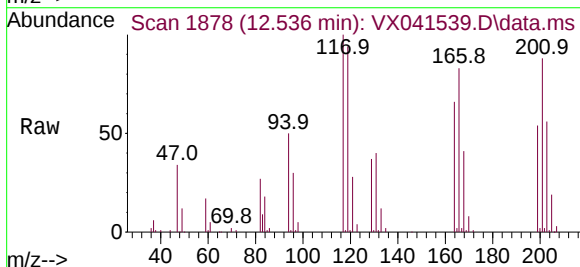
Acq: 15 May 2024 15:08

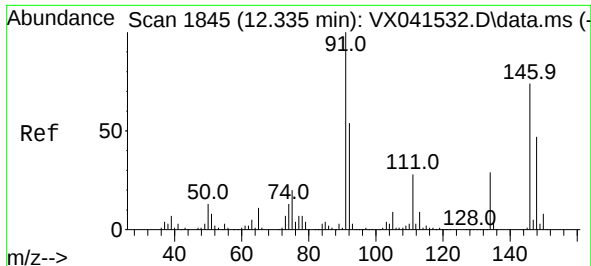
Tgt Ion:117 Resp: 23152

Ion Ratio Lower Upper

117 100

201 94.9 47.3 141.8





#87

1,2-Dichlorobenzene

Concen: 21.635 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041539.D

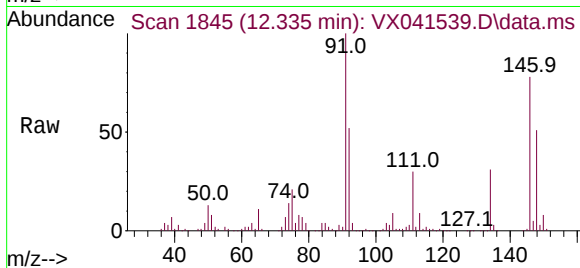
Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01



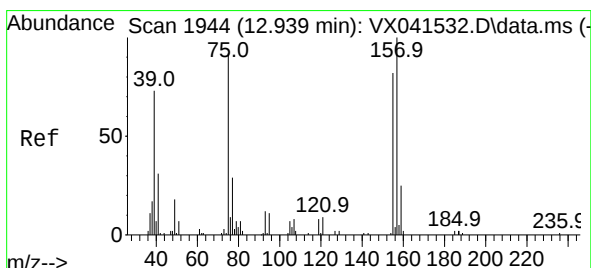
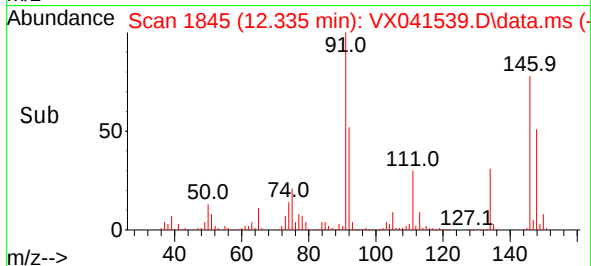
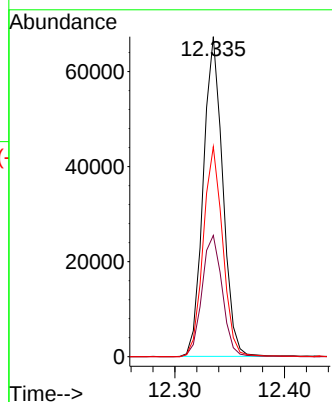
Tgt Ion:146 Resp: 82981

Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.9

148 66.0 31.8 95.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.573 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

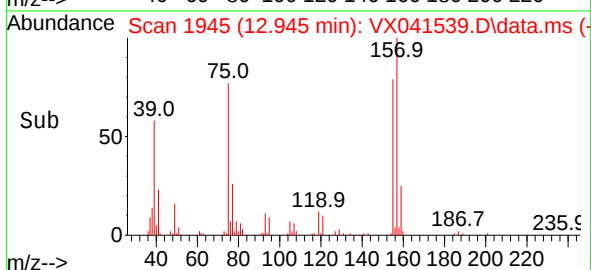
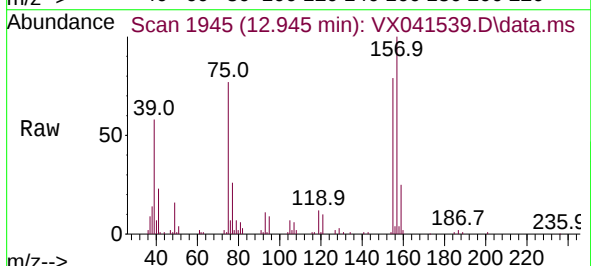
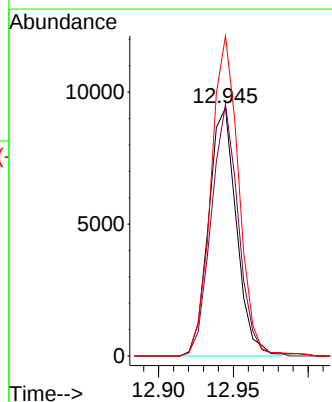
Tgt Ion: 75 Resp: 12144

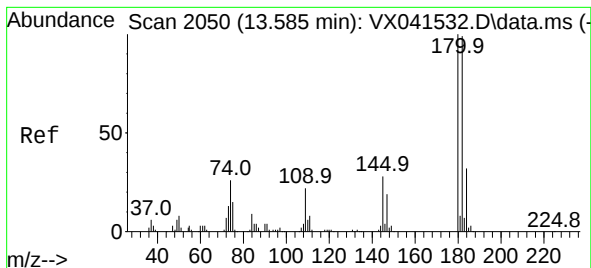
Ion Ratio Lower Upper

75 100

155 98.4 80.4 120.6

157 128.3 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 22.069 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

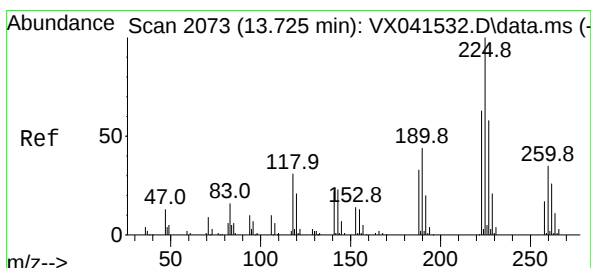
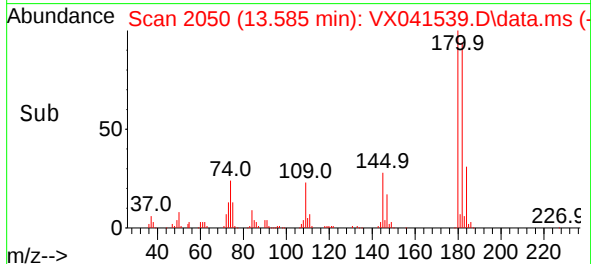
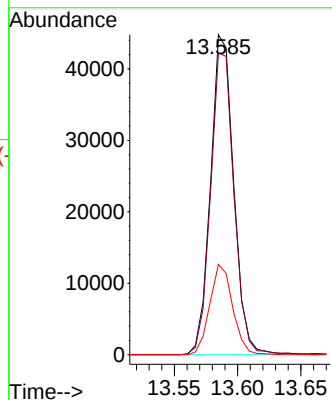
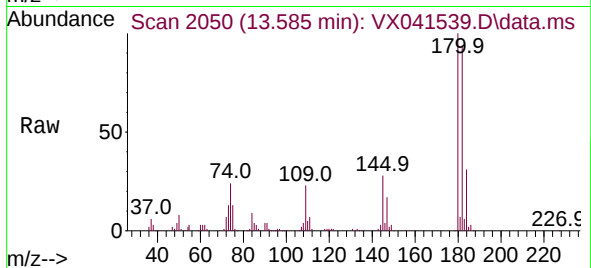
Tgt Ion:180 Resp: 56873

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

145 27.9 22.7 34.1



#90

Hexachlorobutadiene

Concen: 22.069 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

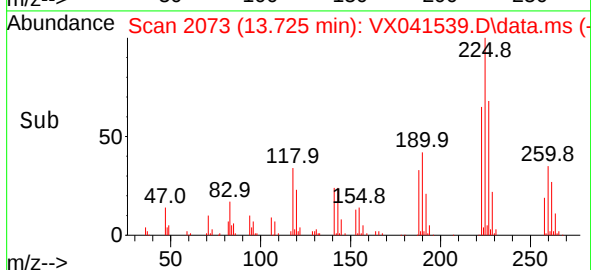
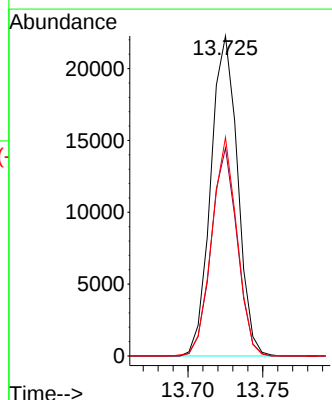
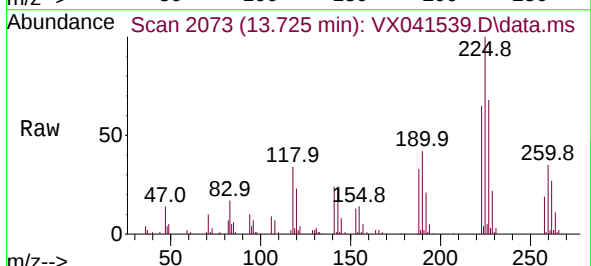
Tgt Ion:225 Resp: 27747

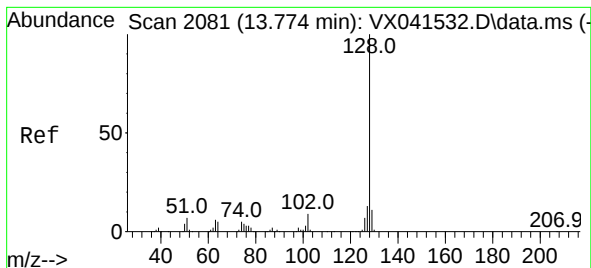
Ion Ratio Lower Upper

225 100

223 62.7 0.0 125.8

227 64.2 0.0 125.6





#91

Naphthalene

Concen: 22.581 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBSD01

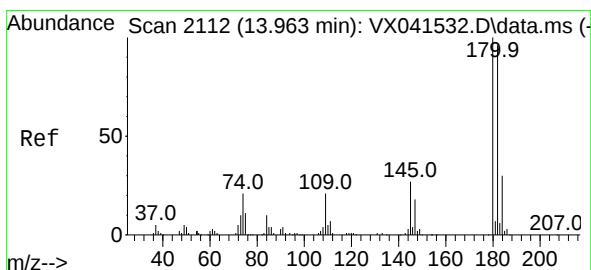
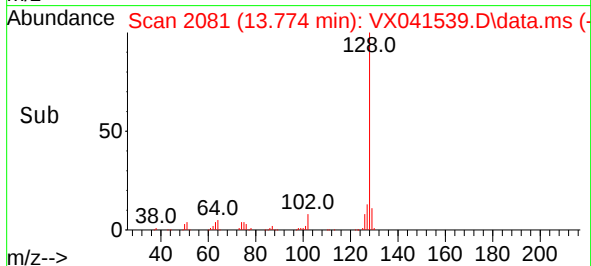
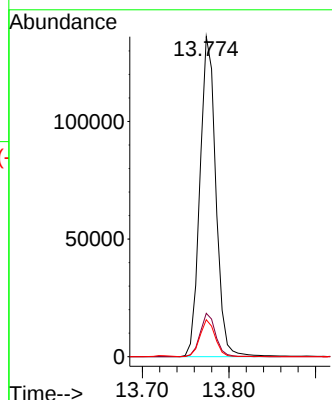
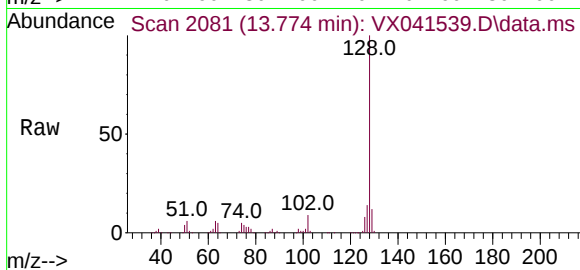
Tgt Ion:128 Resp: 173935

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 22.615 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041539.D

Acq: 15 May 2024 15:08

Tgt Ion:180 Resp: 59545

Ion Ratio Lower Upper

180 100

182 96.1 0.0 191.0

145 29.3 0.0 58.6

