

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041552.D
 Acq On : 16 May 2024 10:21
 Operator : JC/MD
 Sample : VX0516WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 17 02:36:14 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	27422	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	147114	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	135945	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	63410	29.364	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.867%
60) 4-Bromofluorobenzene	11.079	95	65454	30.843	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.800%
63) Toluene-d8	8.647	98	173996	29.858	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25768	17.966	ug/l	100
3) Chloromethane	1.295	50	25423	16.187	ug/l	100
4) Vinyl Chloride	1.374	62	25498	15.420	ug/l	100
5) Bromomethane	1.599	94	18112	17.221	ug/l	98
6) Chloroethane	1.666	64	15452	18.482	ug/l	93
7) Trichlorofluoromethane	1.868	101	45723	18.216	ug/l	97
8) Diethyl Ether	2.136	74	17504	18.674	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	28807	19.791	ug/l	99
10) 1,1-Dichloroethene	2.307	96	26289	18.738	ug/l	96
11) Methyl Iodide	2.441	142	32927	19.705	ug/l	98
12) Methyl Acetate	2.703	43	41757	19.762	ug/l	96
13) Acrolein	2.239	56	27244	105.911	ug/l	99
14) Acrylonitrile	3.069	53	87969	94.692	ug/l	97
15) Acetone	2.386	58	26158	105.091	ug/l	97
16) Carbon Disulfide	2.502	76	55490	17.518	ug/l	99
17) Allyl chloride	2.654	41	45616	18.321	ug/l	99
18) Methylene Chloride	2.782	84	31583	18.927	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	27673	17.201	ug/l	98
20) Diisopropyl ether	3.757	45	95287	18.215	ug/l	92
21) 1,1-Dichloroethane	3.605	63	51406	17.509	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	34637	17.718	ug/l	97
23) tert-Butyl Alcohol	3.002	59	38058	96.536	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	95930	18.315	ug/l	99
25) Chloroform	5.087	83	55202	17.649	ug/l	98
26) Cyclohexane	5.458	56	43449	17.747	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	35937	18.467	ug/l	99
30) 2-Butanone	4.562	43	130964	101.389	ug/l	100
31) 2,2-Dichloropropane	4.465	77	41464	18.155	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	47514	18.196	ug/l	99
33) Carbon Tetrachloride	5.672	117	40362	18.065	ug/l	98
34) Benzene	6.031	78	113897	18.532	ug/l	99
35) Methacrylonitrile	4.928	41	25984	19.942	ug/l	96
36) 1,2-Dichloroethane	6.080	62	45149	19.686	ug/l	100
37) Trichloroethene	7.123	130	31238	18.242	ug/l	96
38) Methylcyclohexane	7.373	83	46266	18.724	ug/l	97
39) 1,2-Dichloropropane	7.428	63	27667	19.044	ug/l	97
40) Dibromomethane	7.580	93	22109	19.336	ug/l	98
41) Bromodichloromethane	7.818	83	39827	18.553	ug/l	99
42) Vinyl Acetate	3.721	43	436491	97.396	ug/l	100

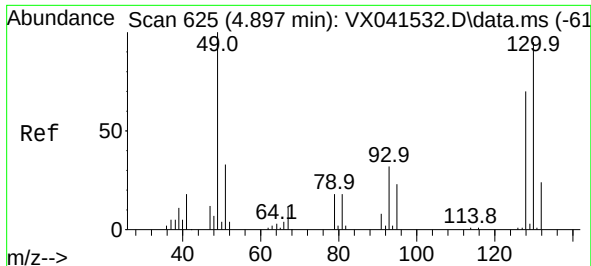
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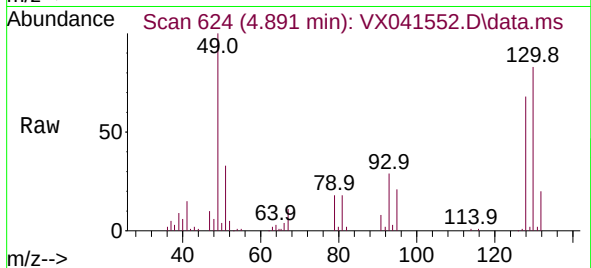
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	50991	20.459	ug/l	98
44) Isopropyl Acetate	6.342	43	73454	19.497	ug/l	100
45) 1,4-Dioxane	7.665	88	15955	375.516	ug/l	91
46) Methyl methacrylate	7.696	41	36431	19.435	ug/l	99
47) n-amyl Acetate	10.842	43	63428	18.565	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	38355	17.792	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	43552	18.652	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	30581	19.226	ug/l	94
51) Ethyl methacrylate	9.116	69	47551	18.573	ug/l	98
52) 1,3-Dichloropropane	9.305	76	50389	19.171	ug/l	99
53) Dibromochloromethane	9.519	129	33399	18.454	ug/l	99
54) 1,2-Dibromoethane	9.610	107	32963	19.542	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	114768	91.838	ug/l	100
56) Bromoform	10.799	173	26176	18.053	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	253417	102.023	ug/l	99
59) 2-Hexanone	9.433	43	197465	99.790	ug/l	99
61) Tetrachloroethene	9.269	164	31448	18.908	ug/l	97
62) Toluene	8.714	91	127360	18.828	ug/l	98
64) Chlorobenzene	10.079	112	86727	18.875	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	30551	18.786	ug/l	98
66) Ethyl Benzene	10.195	91	140783	18.743	ug/l	99
67) m/p-Xylenes	10.299	106	111573	37.986	ug/l	99
68) o-Xylene	10.640	106	55423	18.745	ug/l	100
69) Styrene	10.653	104	91282	18.413	ug/l	98
70) Isopropylbenzene	10.964	105	143212	19.169	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	51091	19.907	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	56112	24.243	ug/l	88
73) Bromobenzene	11.195	156	41027	18.689	ug/l	99
74) n-propylbenzene	11.305	91	157817	18.733	ug/l	99
75) 2-Chlorotoluene	11.366	91	101062	19.103	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	120312	18.867	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	13187	18.127	ug/l	100
78) 4-Chlorotoluene	11.451	91	112328	18.642	ug/l	99
79) tert-butylbenzene	11.713	119	128098	18.874	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	120905	18.916	ug/l	99
81) sec-Butylbenzene	11.890	105	149456	18.845	ug/l	100
82) p-Isopropyltoluene	12.006	119	129145	18.602	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	73877	18.765	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	74152	18.640	ug/l	100
85) n-Butylbenzene	12.329	91	101177	18.111	ug/l	99
86) Hexachloroethane	12.536	117	20366	17.424	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	75045	18.675	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10976	19.473	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	49963	18.505	ug/l	98
90) Hexachlorobutadiene	13.725	225	24934	18.929	ug/l	99
91) Naphthalene	13.774	128	154984	19.205	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	52721	19.111	ug/l	99

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

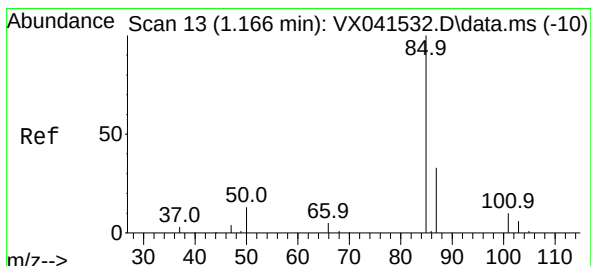
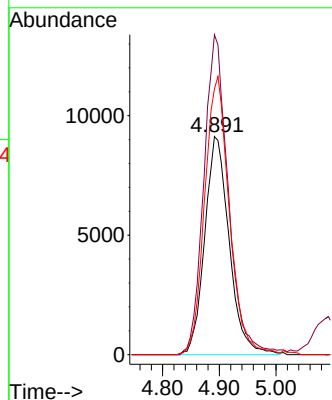
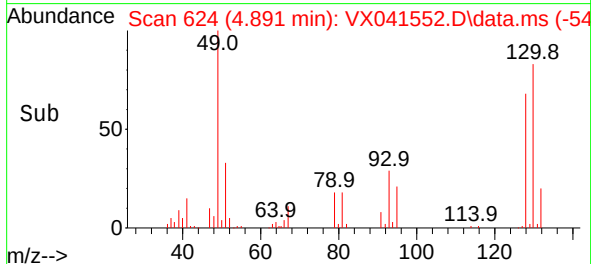


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Instrument :
MSVOA_X
ClientSampleId :

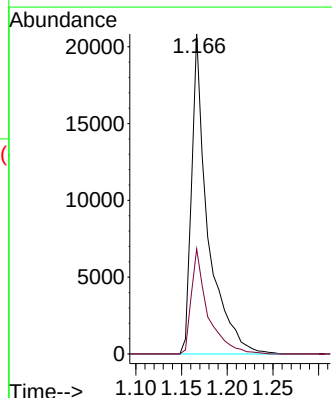
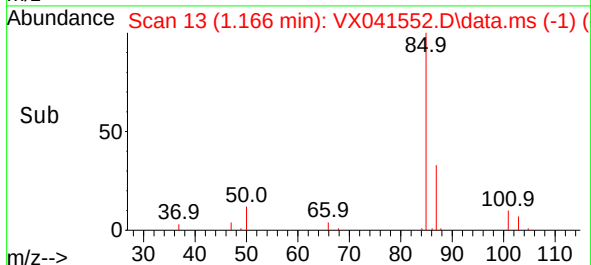
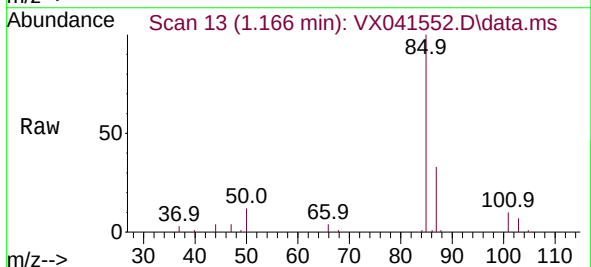


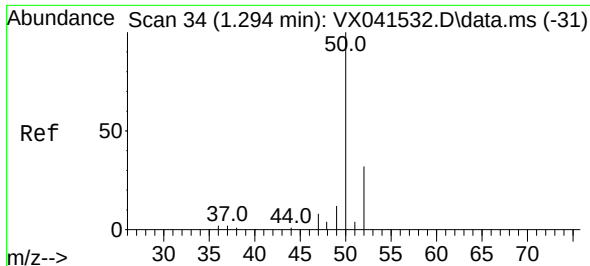
Tgt Ion:128 Resp: 27422
Ion Ratio Lower Upper
128 100
49 145.7 0.0 361.5
130 128.9 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 17.966 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 85 Resp: 25768
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.1

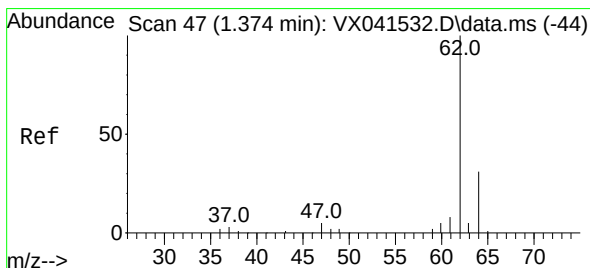
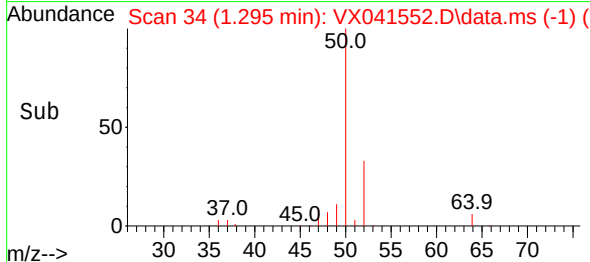
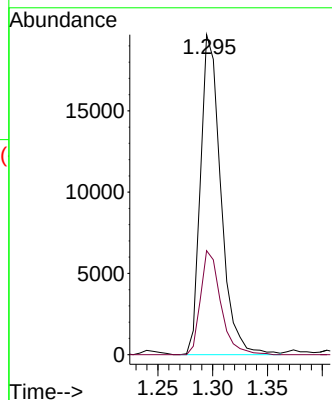
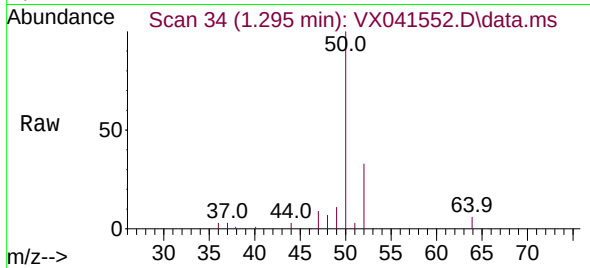




#3
Chloromethane
Concen: 16.187 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

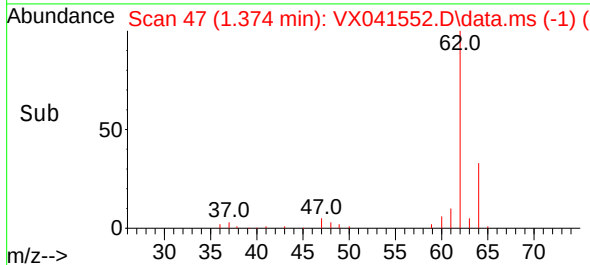
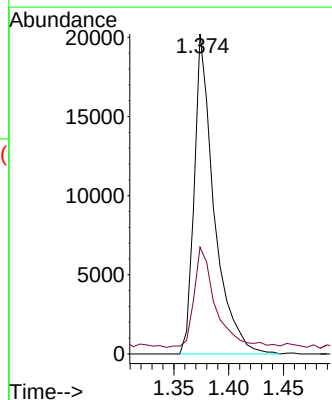
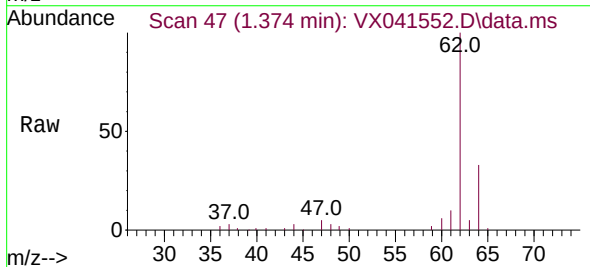
Instrument :
MSVOA_X
ClientSampleId :

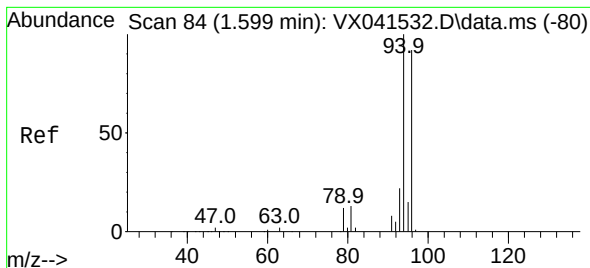
Tgt Ion: 50 Resp: 25423
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.8



#4
Vinyl Chloride
Concen: 15.420 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 62 Resp: 25498
Ion Ratio Lower Upper
62 100
64 30.9 24.6 37.0





#5

Bromomethane

Concen: 17.221 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

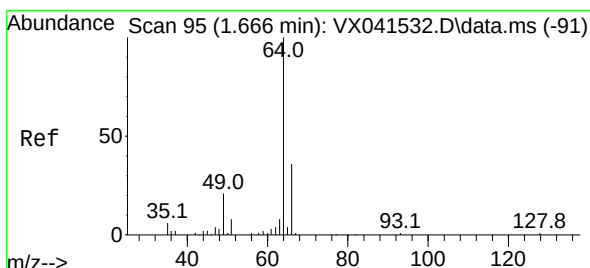
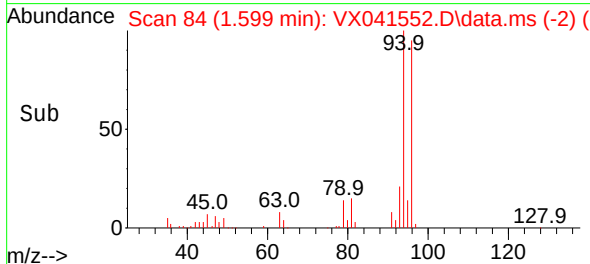
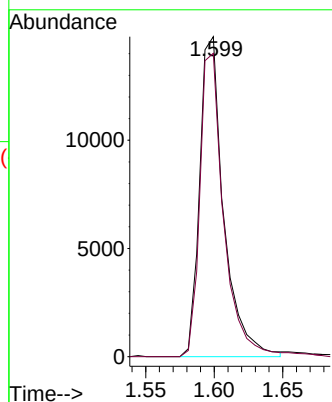
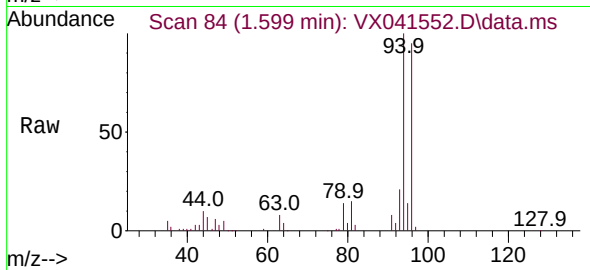
ClientSampleId :

Tgt Ion: 94 Resp: 18112

Ion Ratio Lower Upper

94 100

96 94.8 73.9 110.9



#6

Chloroethane

Concen: 18.482 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041552.D

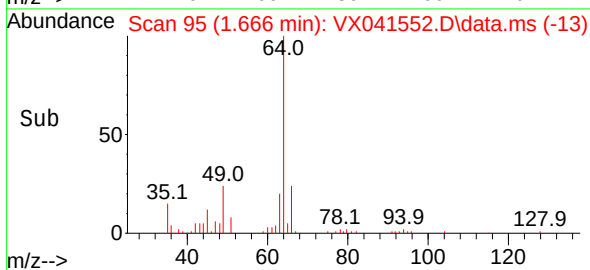
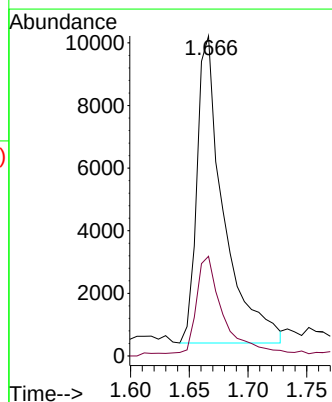
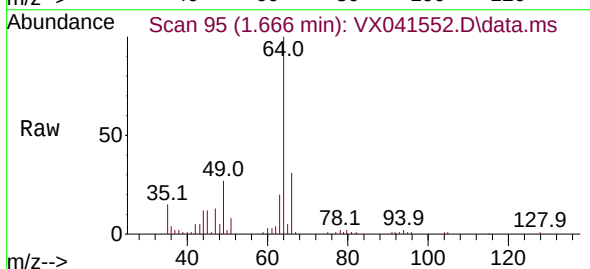
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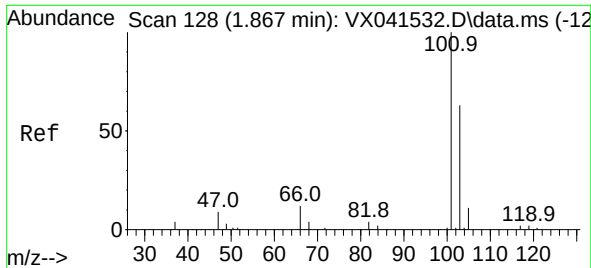
Tgt Ion: 64 Resp: 15452

Ion Ratio Lower Upper

64 100

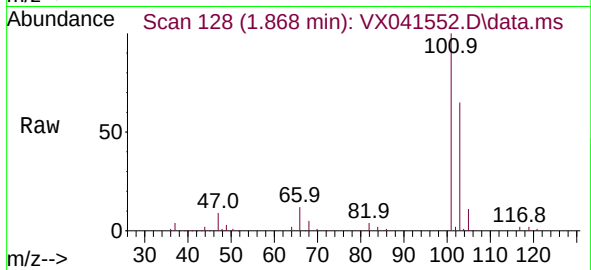
66 31.4 28.6 42.8



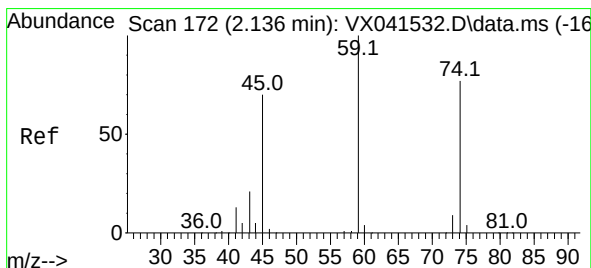
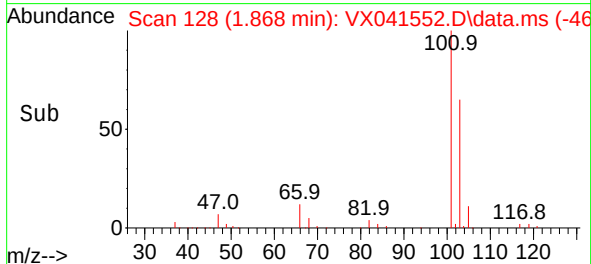
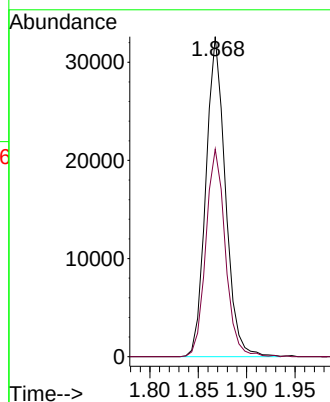


#7
Trichlorofluoromethane
Concen: 18.216 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Instrument :
MSVOA_X
ClientSampleId :

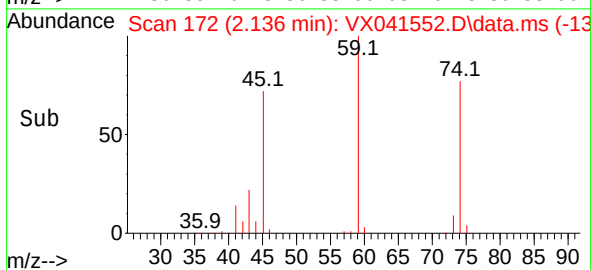
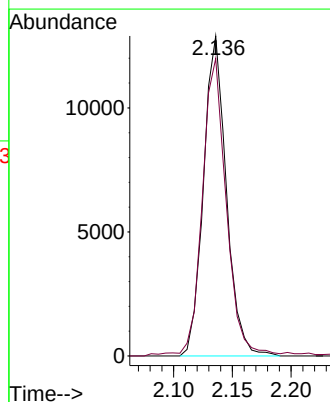
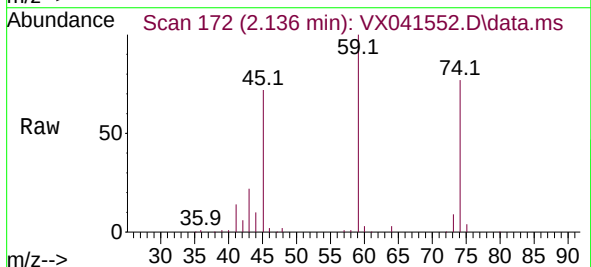


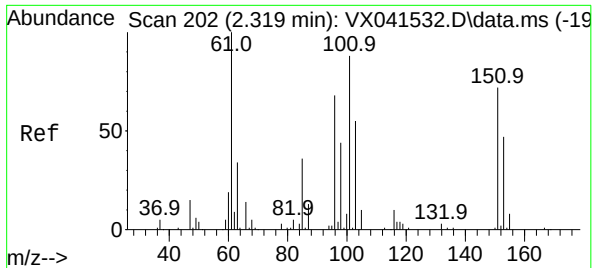
Tgt Ion:101 Resp: 45723
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1



#8
Diethyl Ether
Concen: 18.674 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 74 Resp: 17504
Ion Ratio Lower Upper
74 100
45 96.5 18.6 167.4

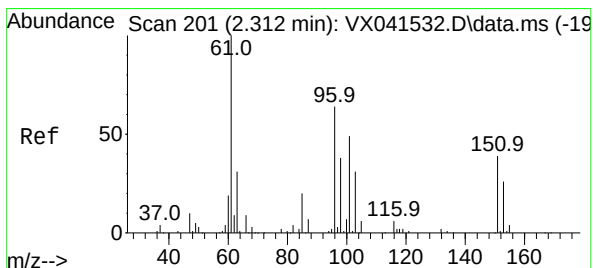
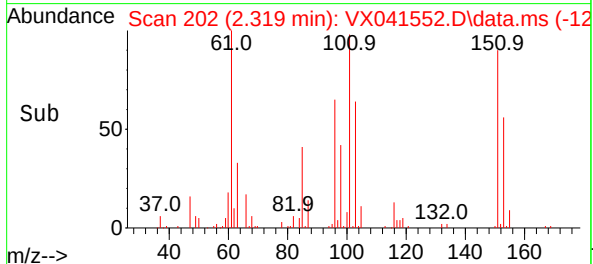
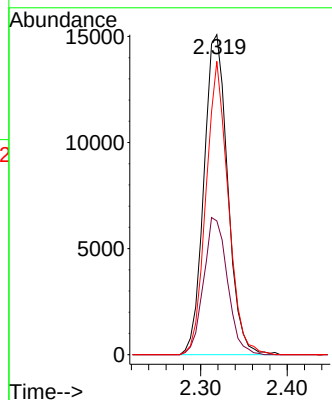
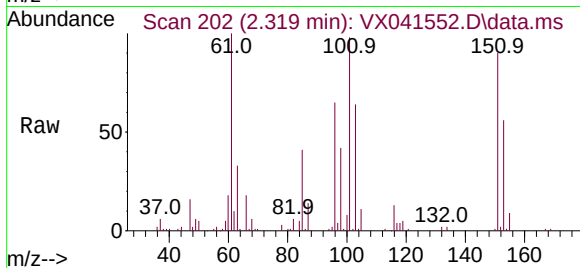




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.791 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

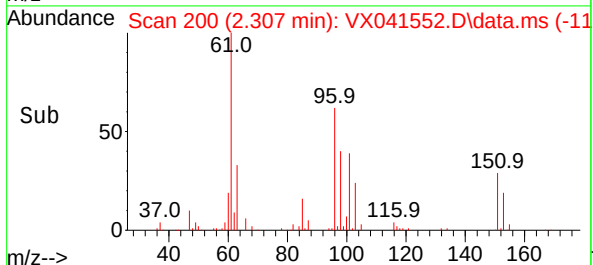
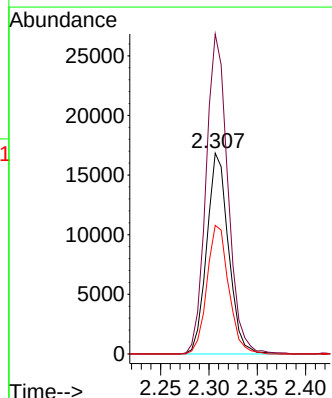
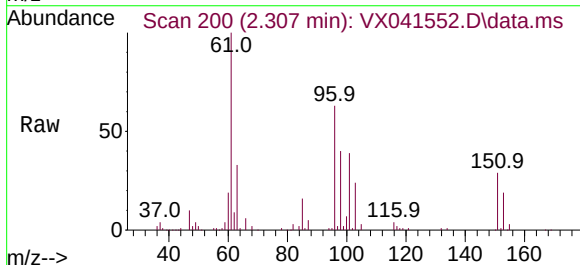
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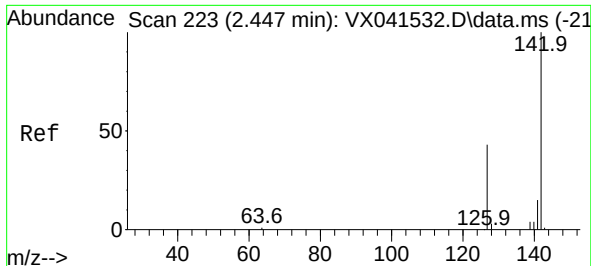
Tgt Ion:101 Resp: 28807
Ion Ratio Lower Upper
101 100
85 42.9 0.0 84.6
151 85.6 0.0 170.2



#10
1,1-Dichloroethene
Concen: 18.738 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

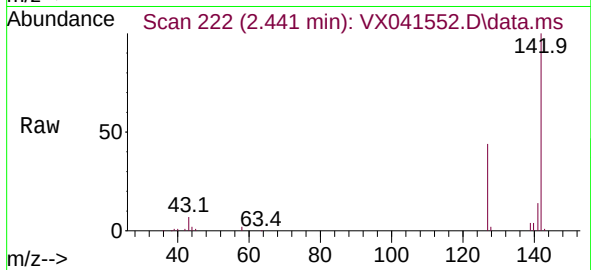
Tgt Ion: 96 Resp: 26289
Ion Ratio Lower Upper
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61 159.4 124.5 186.7
98 64.1 47.9 71.9



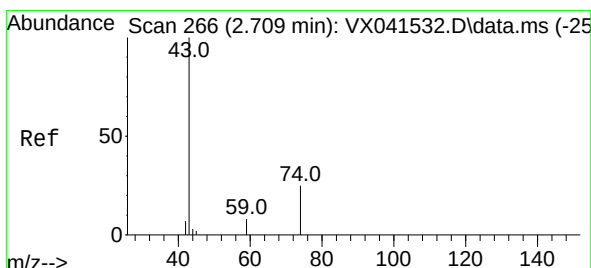
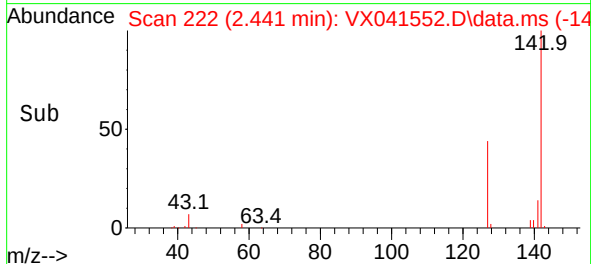
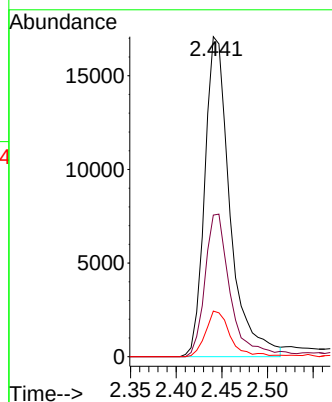


#11
Methyl Iodide
Concen: 19.705 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Instrument :
MSVOA_X
ClientSampleId :

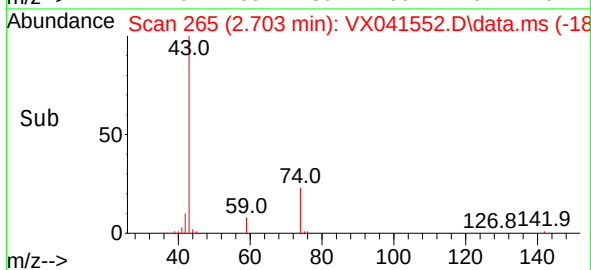
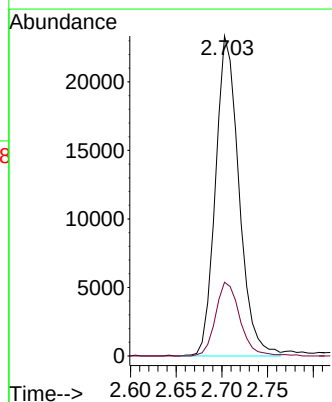
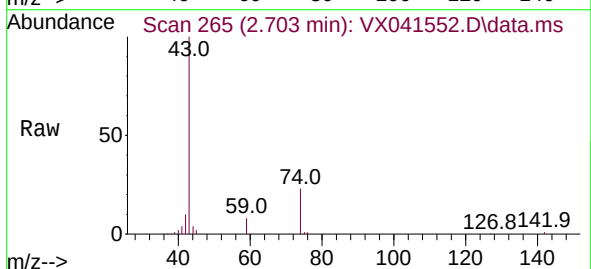


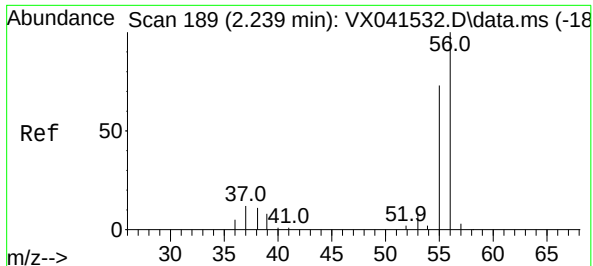
Tgt Ion:142 Resp: 32927
Ion Ratio Lower Upper
142 100
127 44.1 21.4 64.2
141 14.3 7.6 22.8



#12
Methyl Acetate
Concen: 19.762 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

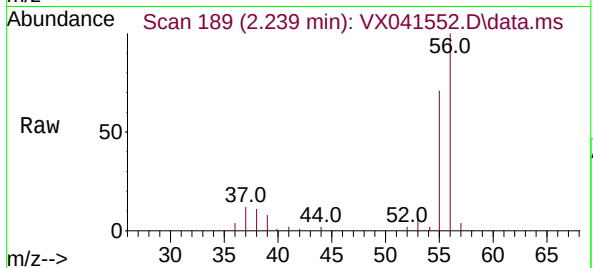
Tgt Ion: 43 Resp: 41757
Ion Ratio Lower Upper
43 100
74 23.0 19.9 29.9



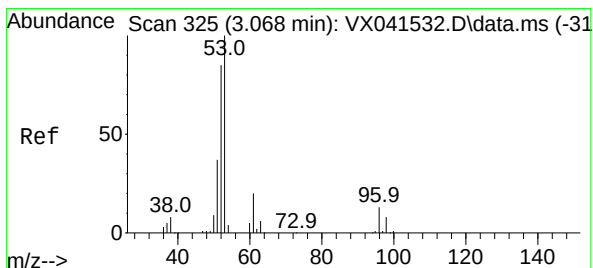
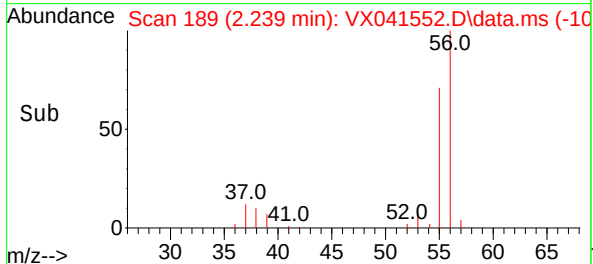
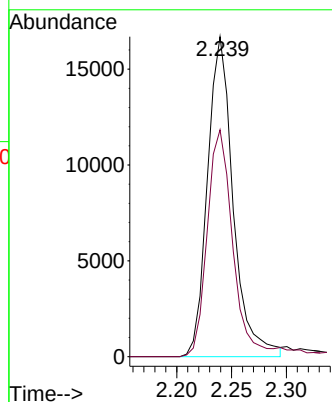


#13
Acrolein
Concen: 105.911 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Instrument :
MSVOA_X
ClientSampleId :

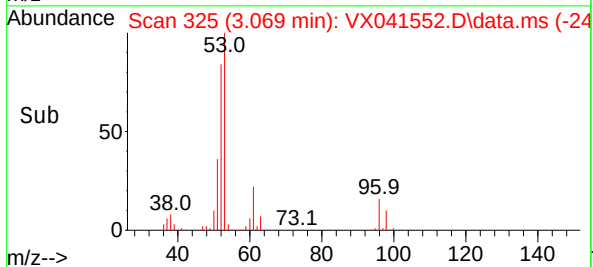
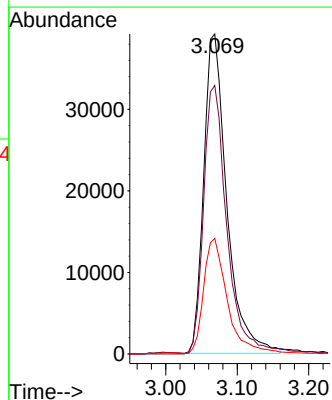
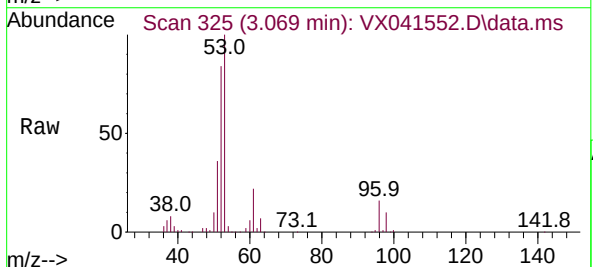


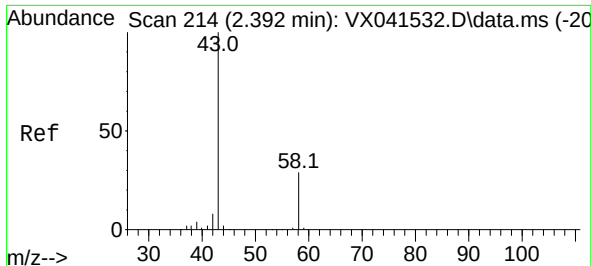
Tgt Ion: 56 Resp: 27244
Ion Ratio Lower Upper
56 100
55 70.1 55.1 82.7



#14
Acrylonitrile
Concen: 94.692 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

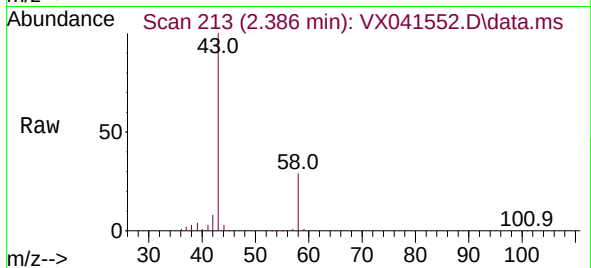
Tgt Ion: 53 Resp: 87969
Ion Ratio Lower Upper
53 100
52 85.4 41.3 123.7
51 37.7 18.4 55.0



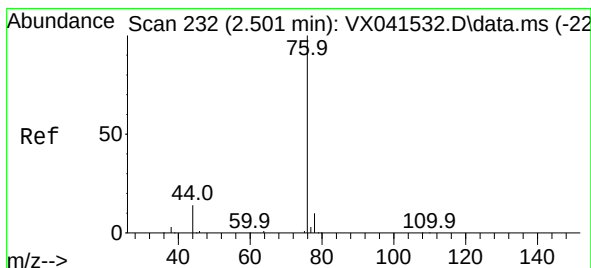
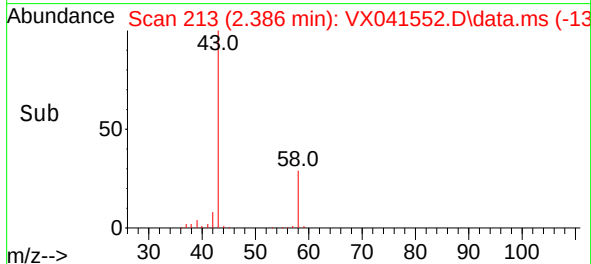
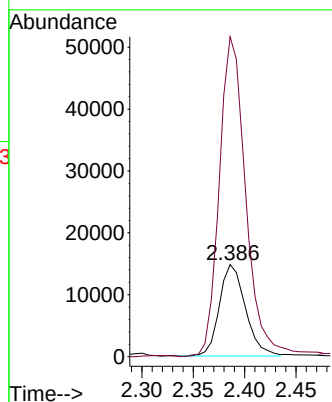


#15
Acetone
Concen: 105.091 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Instrument :
MSVOA_X
ClientSampleId :

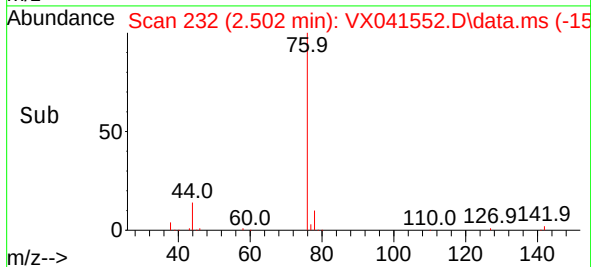
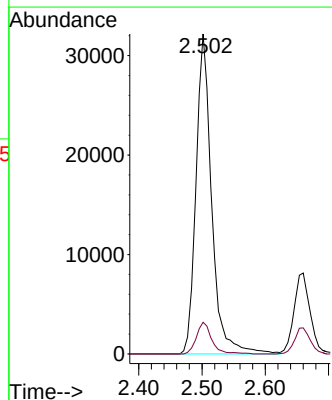
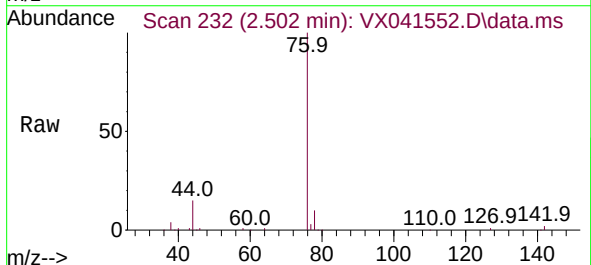


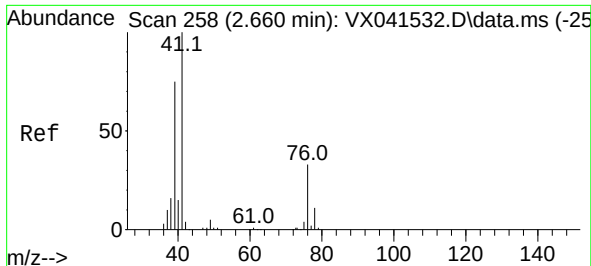
Tgt Ion: 58 Resp: 26158
Ion Ratio Lower Upper
58 100
43 349.6 274.0 411.0



#16
Carbon Disulfide
Concen: 17.518 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 76 Resp: 55490
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4

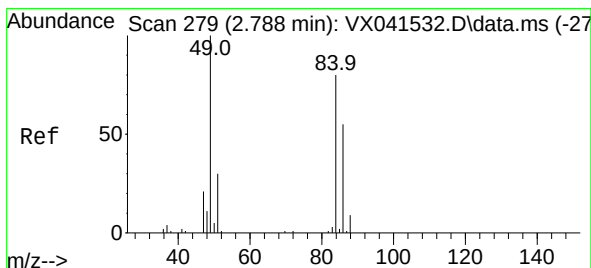
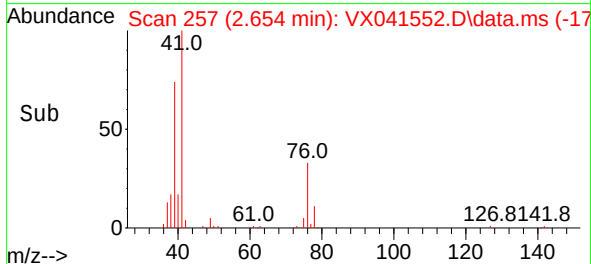
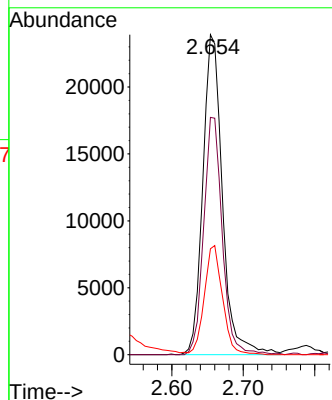
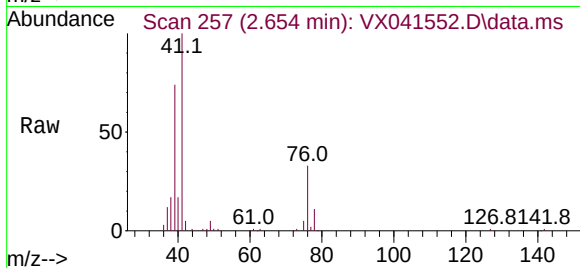




#17
 Allyl chloride
 Concen: 18.321 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

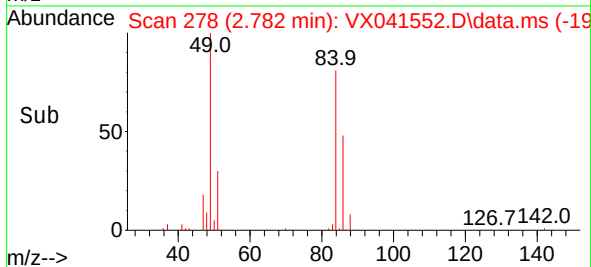
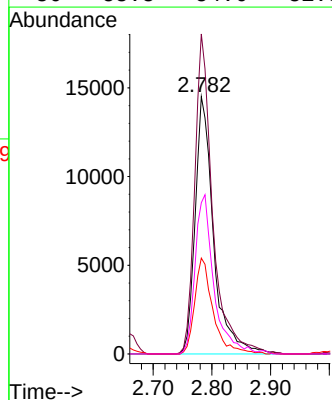
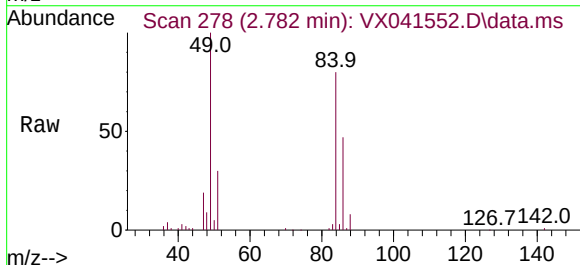
Instrument :
 MSVOA_X
 ClientSampleId :

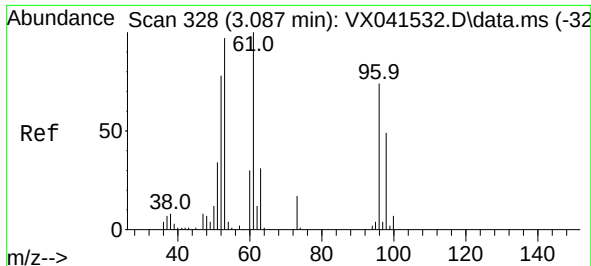
Tgt Ion: 41 Resp: 45616
 Ion Ratio Lower Upper
 41 100
 39 74.1 37.5 112.7
 76 33.1 16.6 49.8



#18
 Methylene Chloride
 Concen: 18.927 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

Tgt Ion: 84 Resp: 31583
 Ion Ratio Lower Upper
 84 100
 49 123.9 99.8 149.8
 51 37.3 30.2 45.4
 86 58.8 54.6 81.8





#19

trans-1,2-Dichloroethene

Concen: 17.201 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

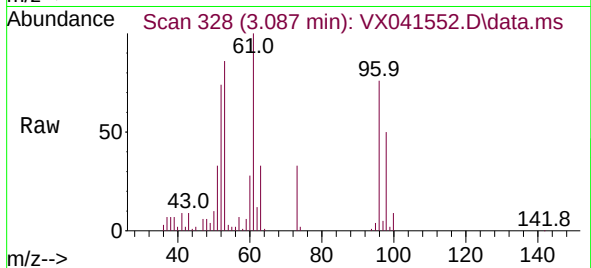
Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :



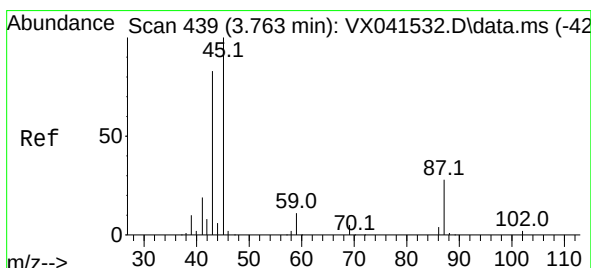
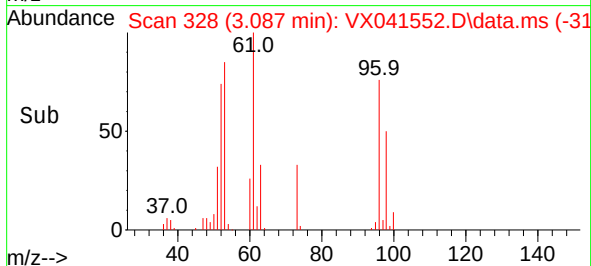
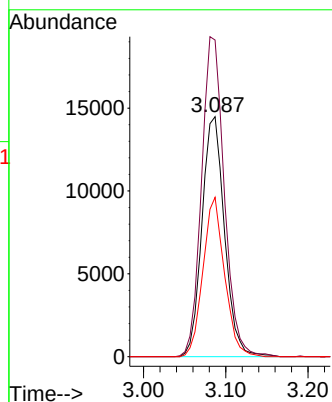
Tgt Ion: 96 Resp: 27673

Ion Ratio Lower Upper

96 100

61 131.9 107.7 161.5

98 66.4 53.1 79.7



#20

Diisopropyl ether

Concen: 18.215 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Tgt Ion: 45 Resp: 95287

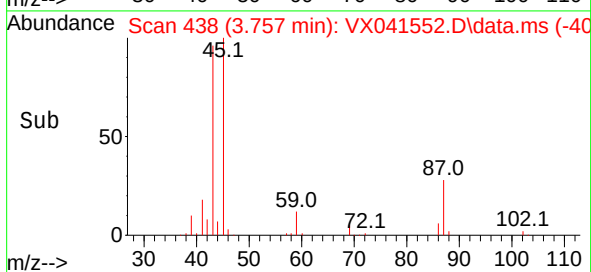
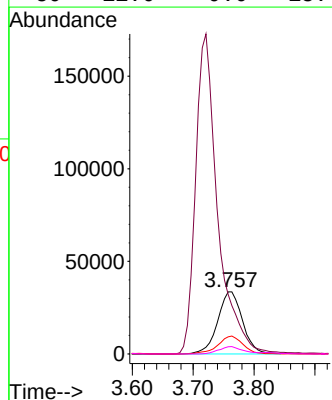
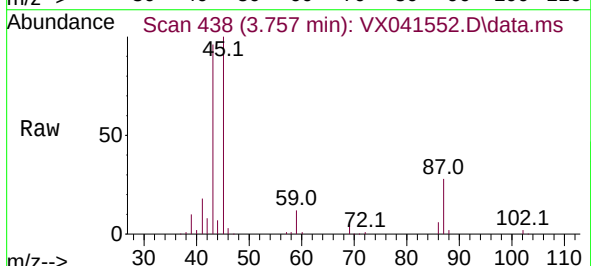
Ion Ratio Lower Upper

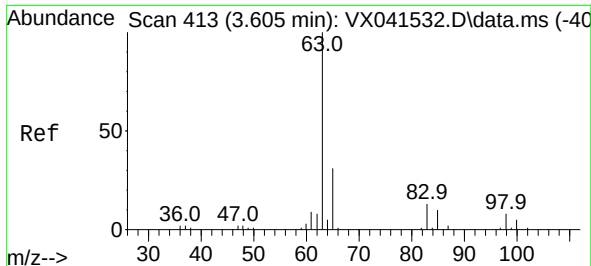
45 100

43 93.6 66.7 100.1

87 27.6 22.4 33.6

59 11.6 9.0 13.4





#21

1,1-Dichloroethane

Concen: 17.509 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041552.D

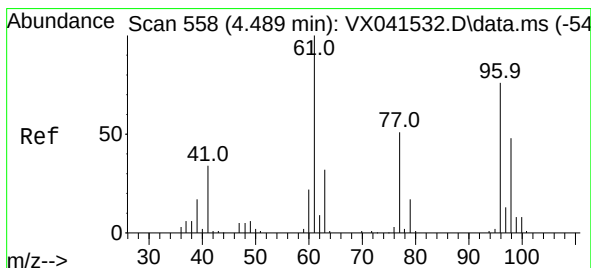
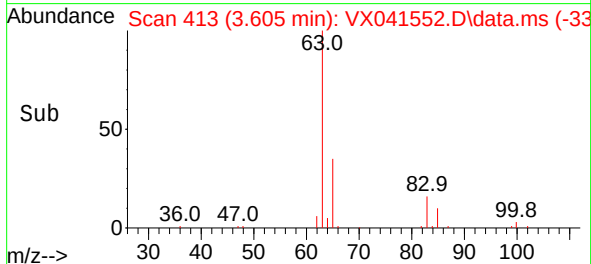
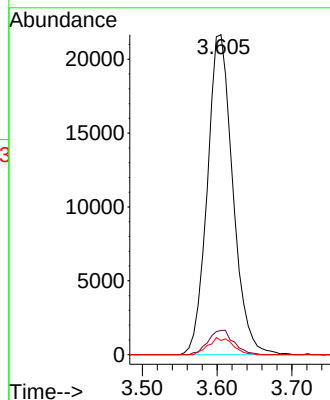
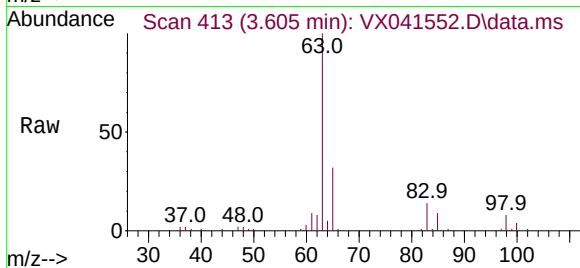
Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	51406
Ion Ratio	Lower	Upper	
63	100		
98	7.6	3.8	11.4
100	4.5	2.5	7.4



#22

cis-1,2-Dichloroethene

Concen: 17.718 ug/l

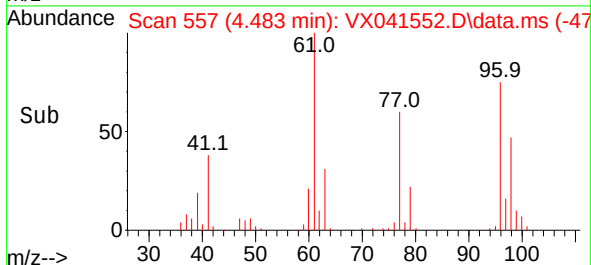
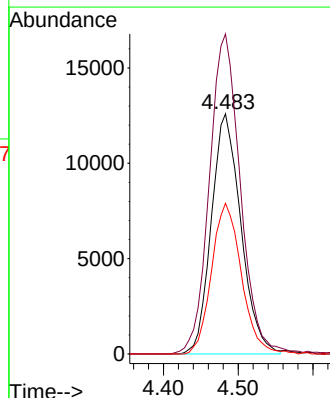
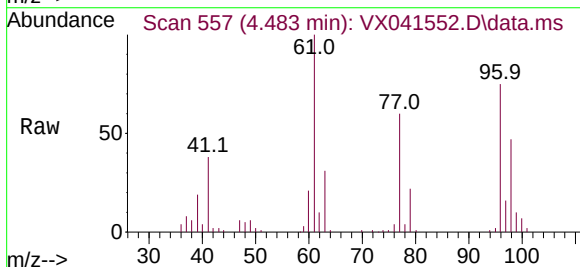
RT: 4.483 min Scan# 557

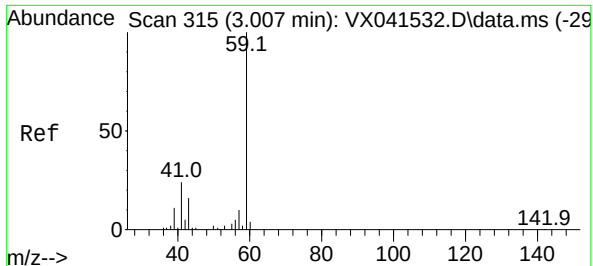
Delta R.T. -0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Tgt Ion:	96	Resp:	34637
Ion Ratio	Lower	Upper	
96	100		
61	139.2	114.2	171.4
98	63.4	52.6	79.0





#23

tert-Butyl Alcohol

Concen: 96.536 ug/l

RT: 3.002 min Scan# 315

Delta R.T. -0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

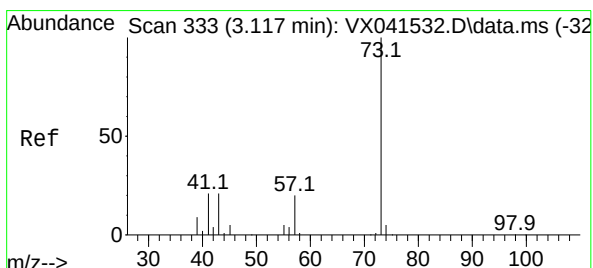
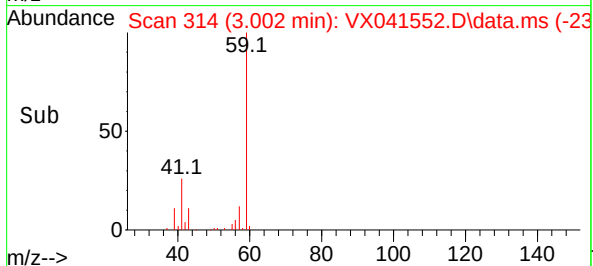
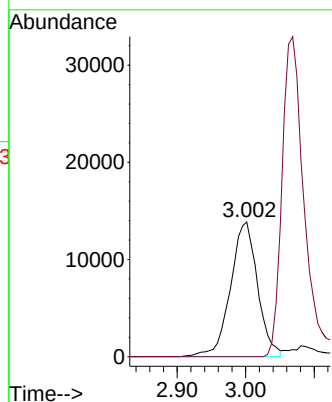
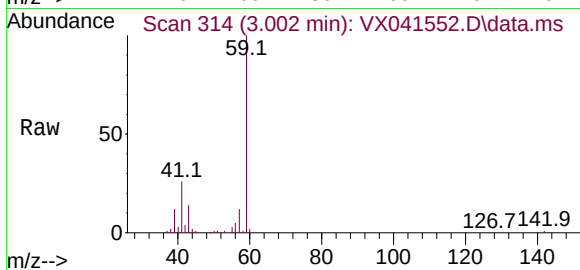
ClientSampleId :

Tgt Ion: 59 Resp: 38058

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 18.315 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX041552.D

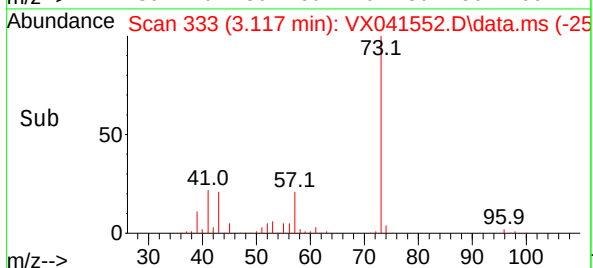
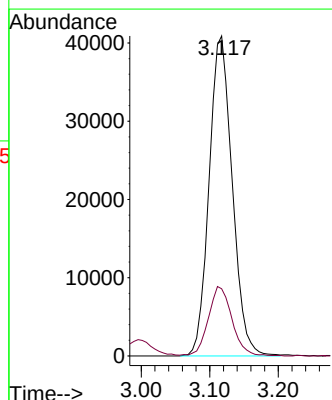
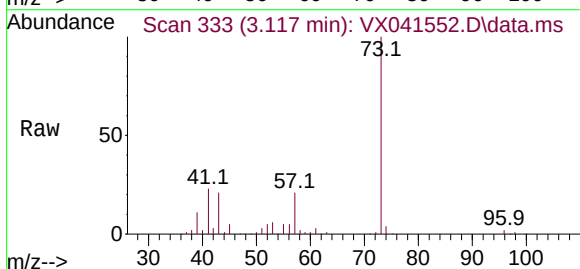
Acq: 16 May 2024 10:21

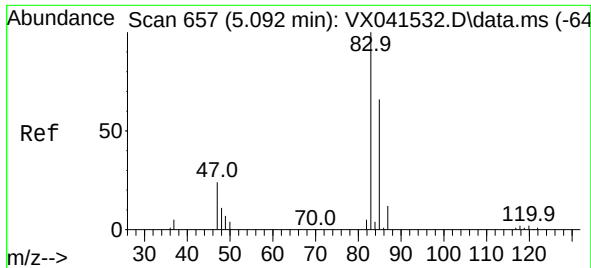
Tgt Ion: 73 Resp: 95930

Ion Ratio Lower Upper

73 100

43 21.2 17.2 25.8





#25

Chloroform

Concen: 17.649 ug/l

RT: 5.087 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

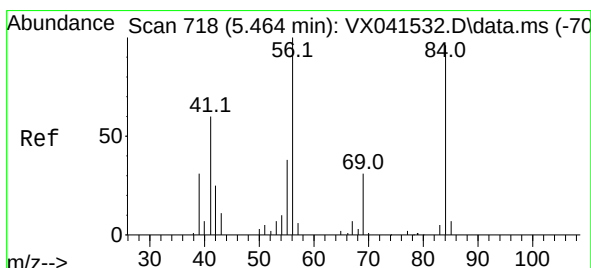
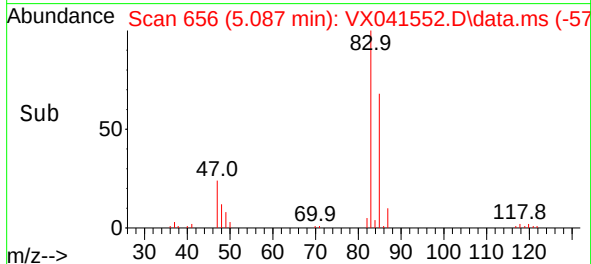
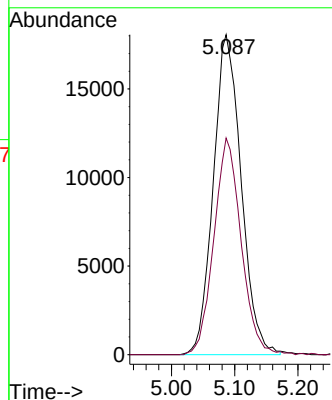
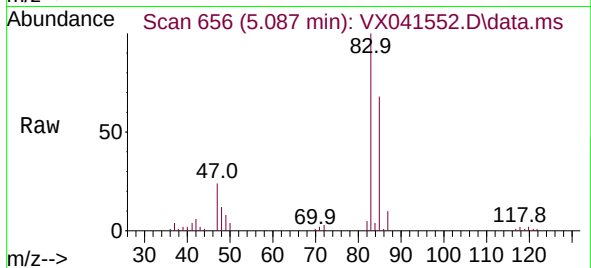
ClientSampleId :

Tgt Ion: 83 Resp: 55202

Ion Ratio Lower Upper

83 100

85 67.7 52.9 79.3



#26

Cyclohexane

Concen: 17.747 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

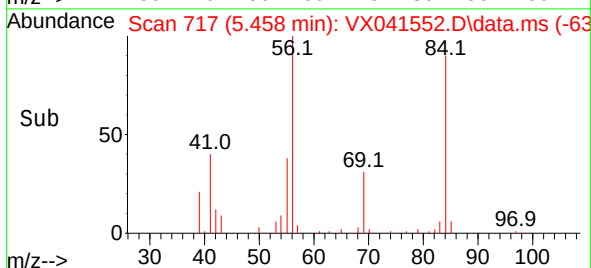
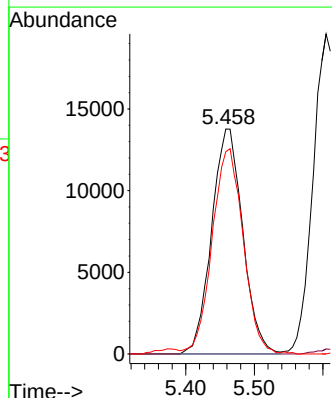
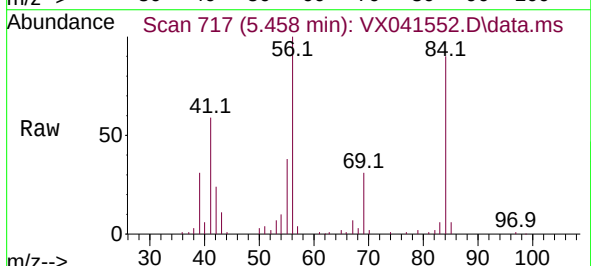
Tgt Ion: 56 Resp: 43449

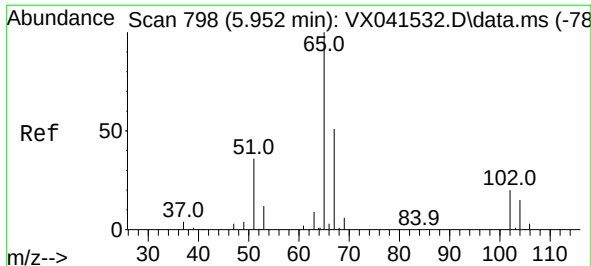
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.0 74.0 111.0

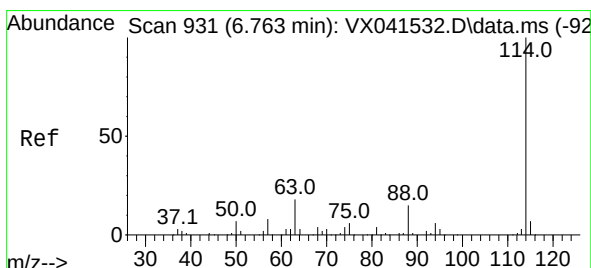
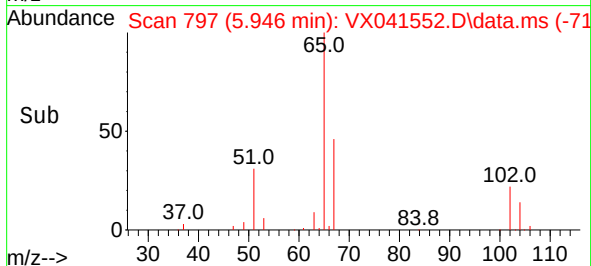
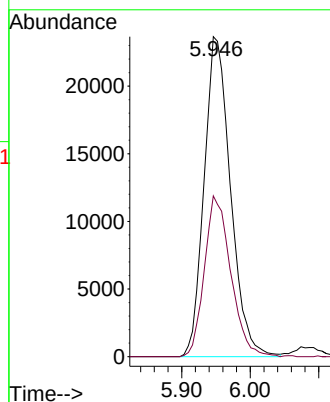
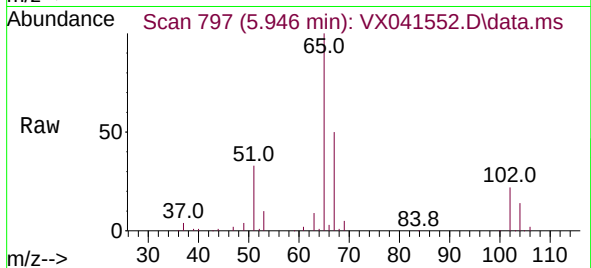




#27
 1,2-Dichloroethane-d4
 Concen: 29.364 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

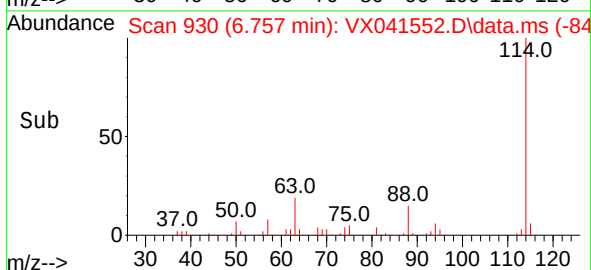
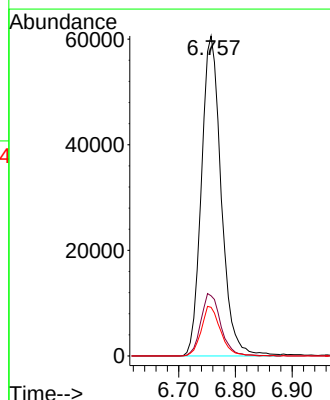
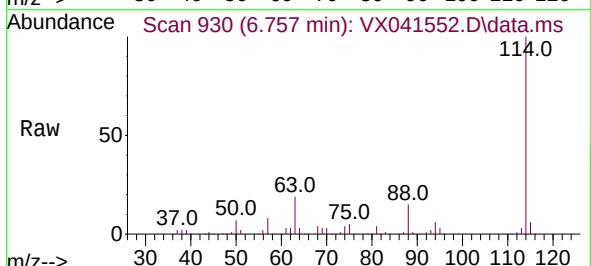
Instrument :
 MSVOA_X
 ClientSampleId :

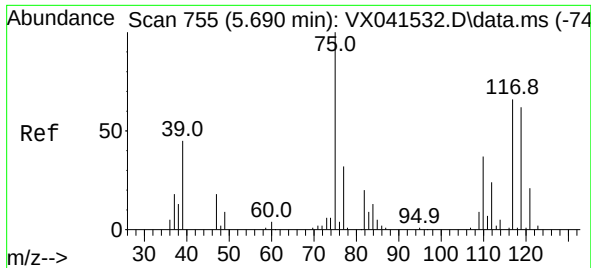
Tgt Ion: 65 Resp: 63410
 Ion Ratio Lower Upper
 65 100
 67 50.1 40.8 61.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

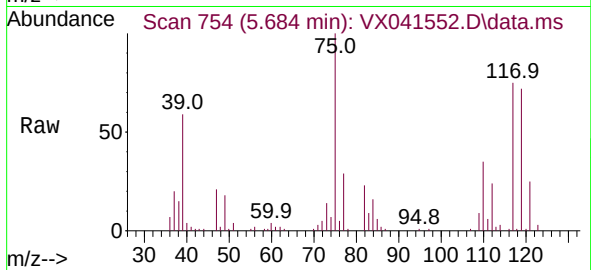
Tgt Ion: 114 Resp: 147114
 Ion Ratio Lower Upper
 114 100
 63 19.3 15.4 23.0
 88 15.0 12.2 18.2



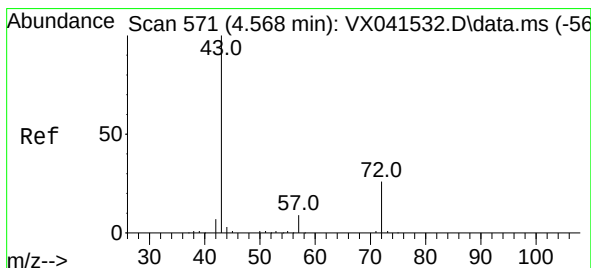
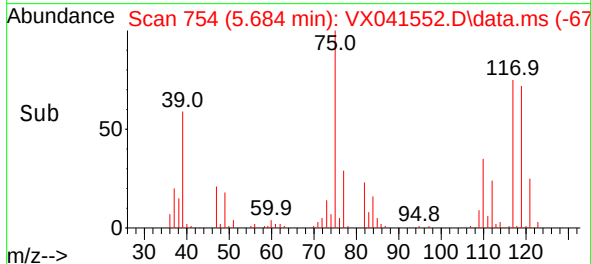
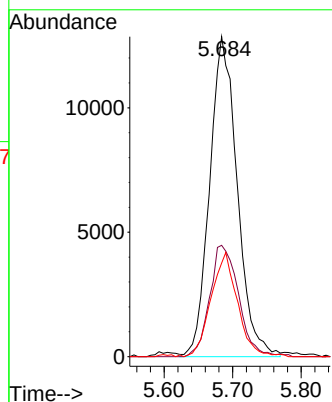


#29
1,1-Dichloropropene
Concen: 18.467 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Instrument :
MSVOA_X
ClientSampleId :

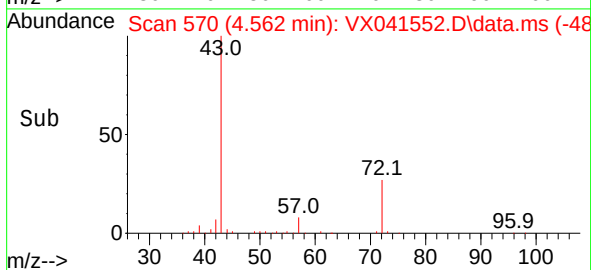
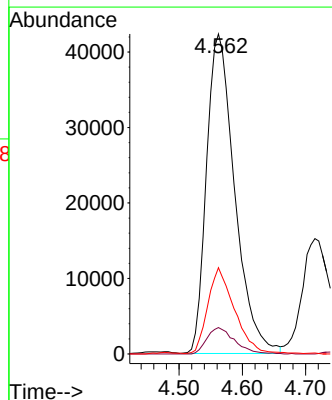
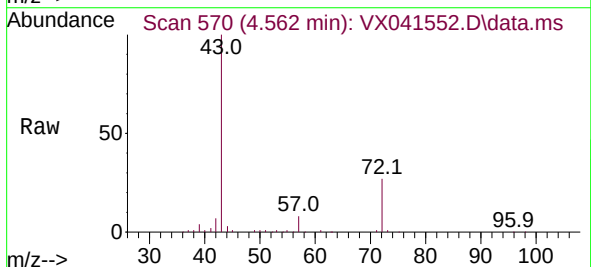


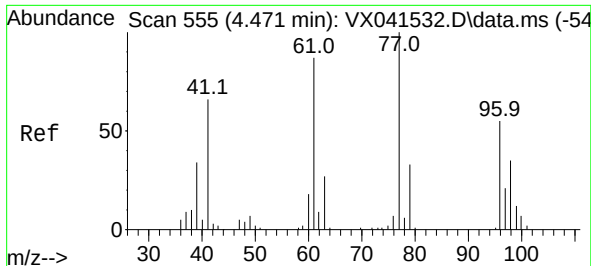
Tgt Ion: 75	Resp: 35937
Ion Ratio	Lower Upper
75	100
110	36.2 0.0 74.4
77	31.0 0.0 62.6



#30
2-Butanone
Concen: 101.389 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 43	Resp: 130964
Ion Ratio	Lower Upper
43	100
57	8.1 6.6 10.0
72	25.8 20.7 31.1

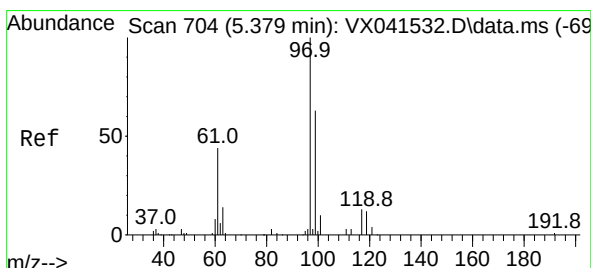
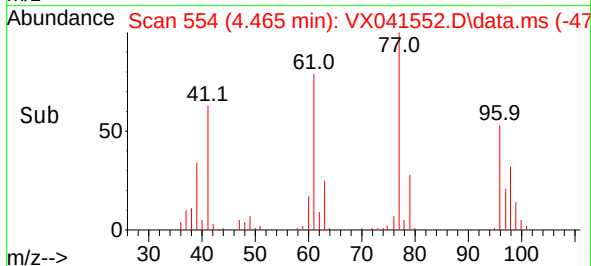
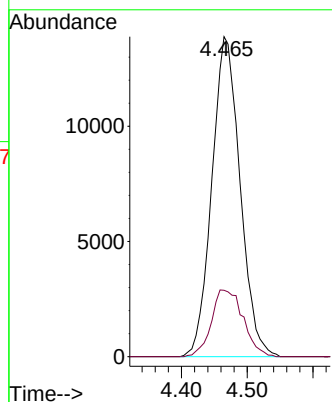
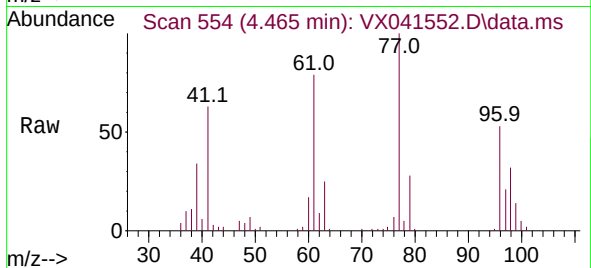




#31
2,2-Dichloropropane
Concen: 18.155 ug/l
RT: 4.465 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

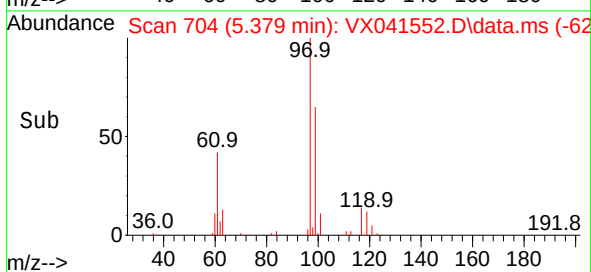
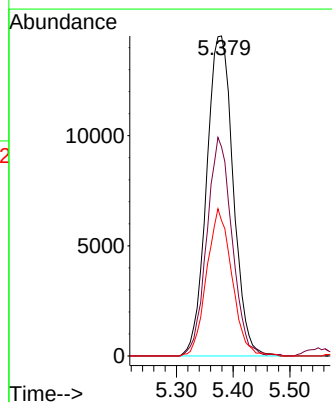
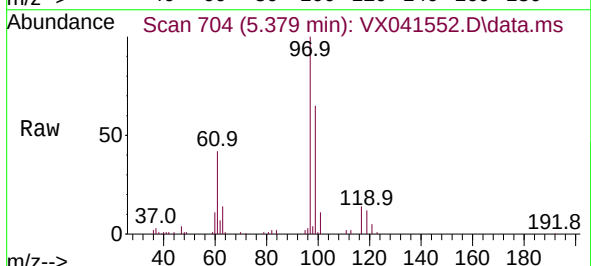
Instrument :
MSVOA_X
ClientSampleId :

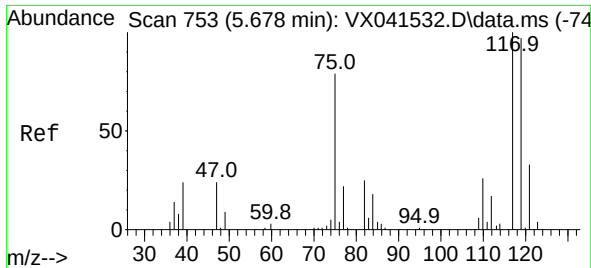
Tgt Ion: 77 Resp: 41464
Ion Ratio Lower Upper
77 100
97 23.5 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 18.196 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 97 Resp: 47514
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 43.1 34.6 51.8

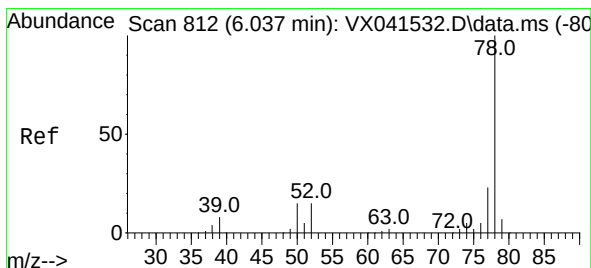
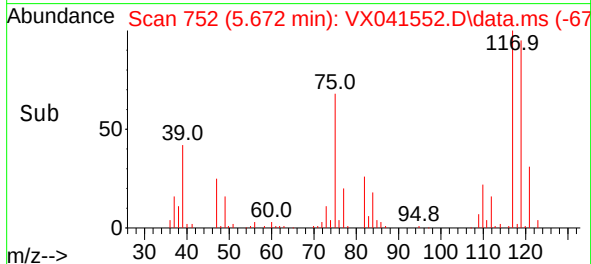
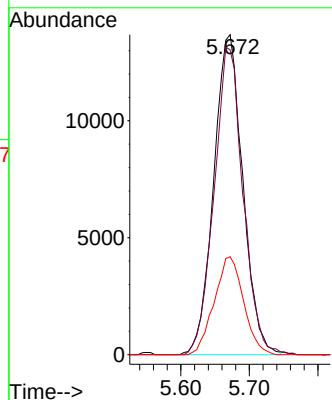
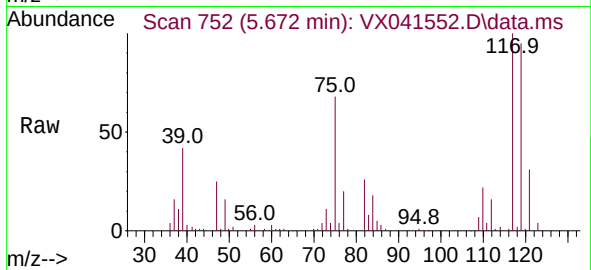




#33
Carbon Tetrachloride
Concen: 18.065 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

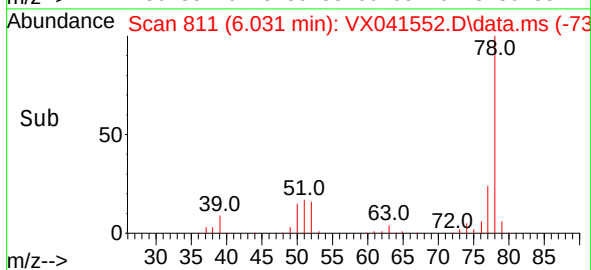
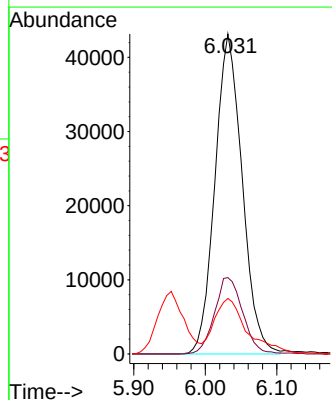
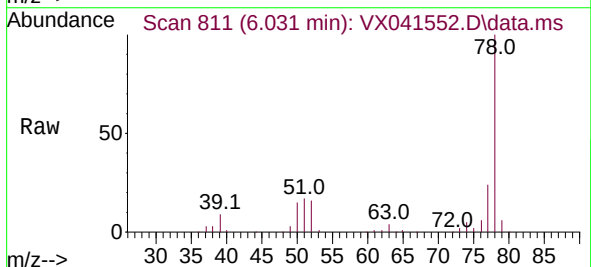
Instrument :
MSVOA_X
ClientSampleId :

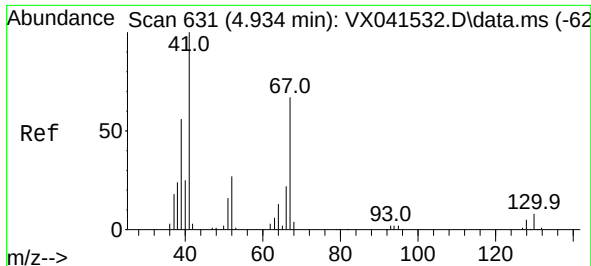
Tgt Ion:117 Resp: 40362
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.2
121 30.6 26.4 39.6



#34
Benzene
Concen: 18.532 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 78 Resp: 113897
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
51 15.5 12.4 18.6





#35

Methacrylonitrile

Concen: 19.942 ug/l

RT: 4.928 min Scan# 61

Delta R.T. -0.006 min

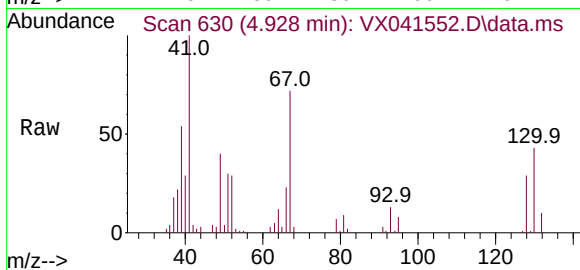
Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 41 Resp: 25984

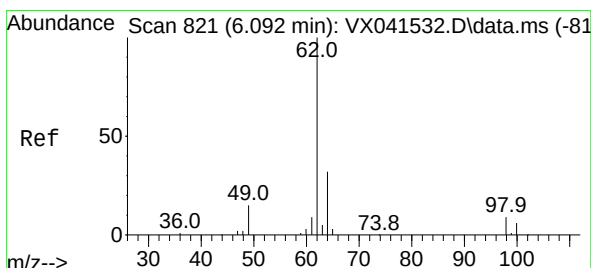
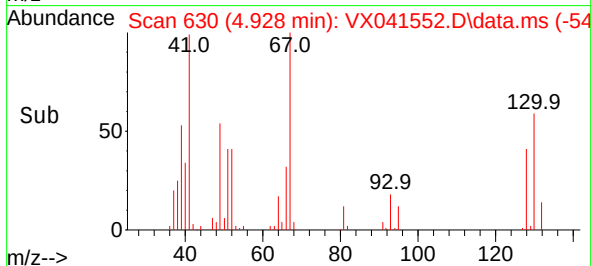
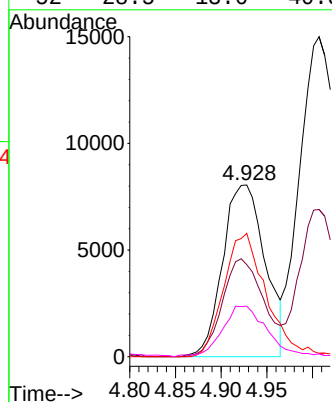
Ion Ratio Lower Upper

41 100

39 53.6 28.1 84.4

67 71.9 33.7 101.1

52 28.5 13.6 40.8



#36

1,2-Dichloroethane

Concen: 19.686 ug/l

RT: 6.080 min Scan# 819

Delta R.T. -0.012 min

Lab File: VX041552.D

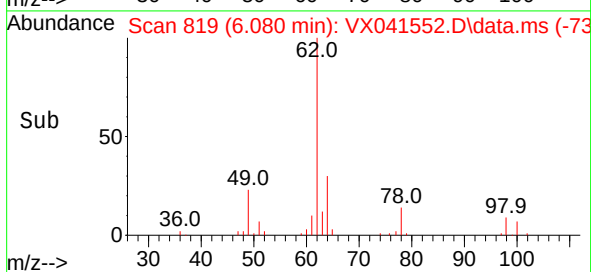
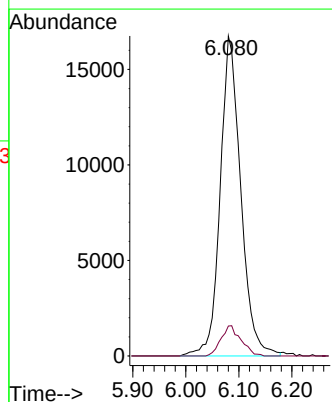
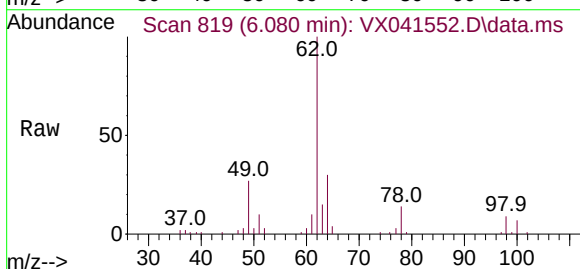
Acq: 16 May 2024 10:21

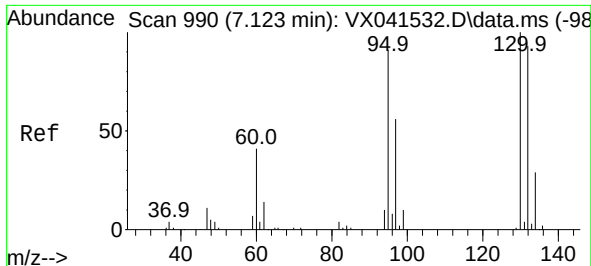
Tgt Ion: 62 Resp: 45149

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#37

Trichloroethene

Concen: 18.242 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

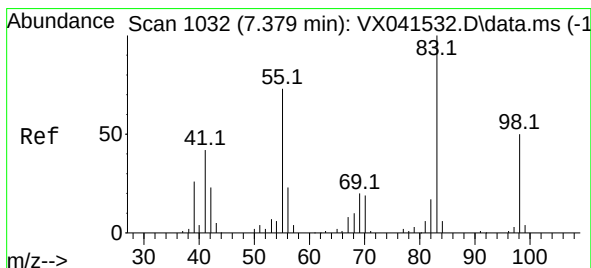
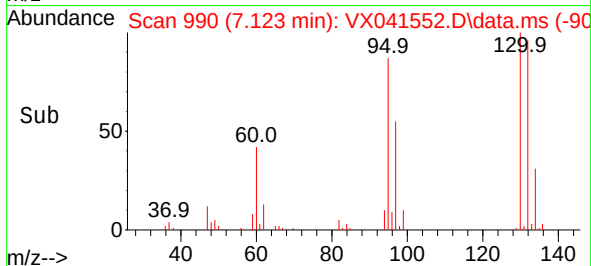
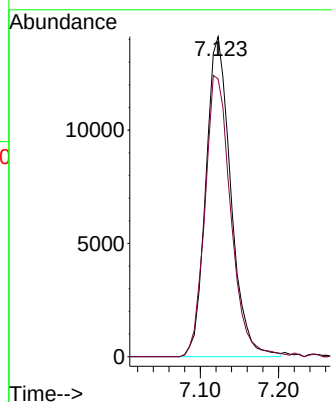
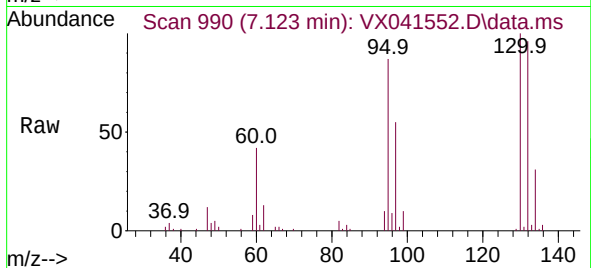
ClientSampleId :

Tgt Ion:130 Resp: 31238

Ion Ratio Lower Upper

130 100

95 86.8 72.6 108.8



#38

Methylcyclohexane

Concen: 18.724 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

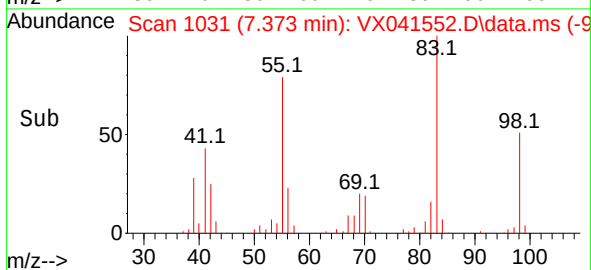
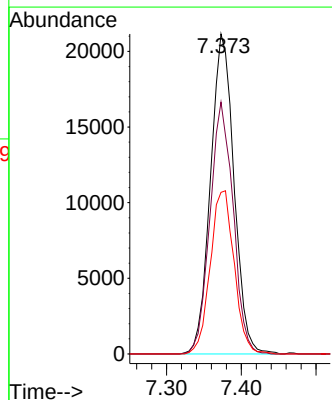
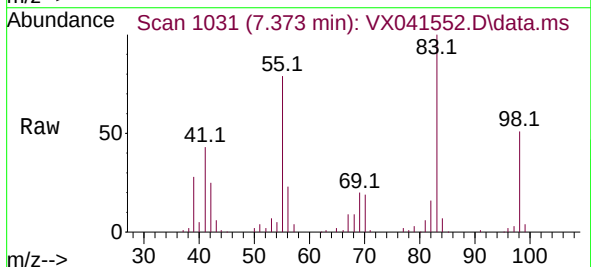
Tgt Ion: 83 Resp: 46266

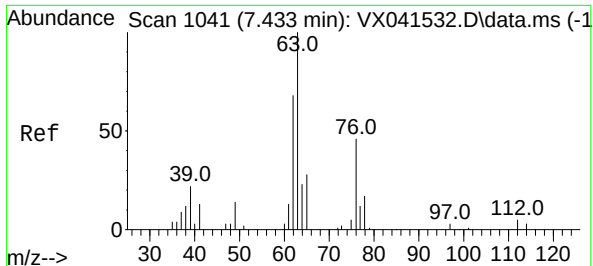
Ion Ratio Lower Upper

83 100

55 77.5 37.7 113.1

98 52.0 25.1 75.3

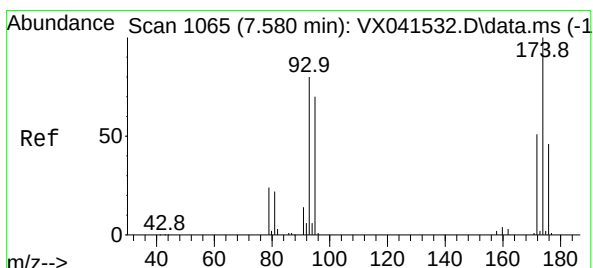
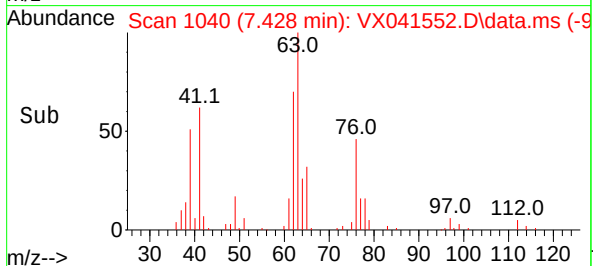
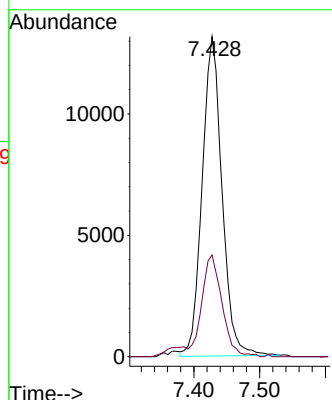
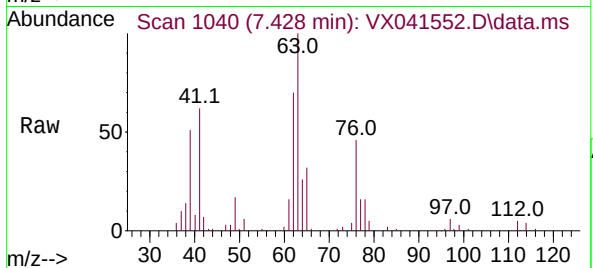




#39
1,2-Dichloropropane
Concen: 19.044 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

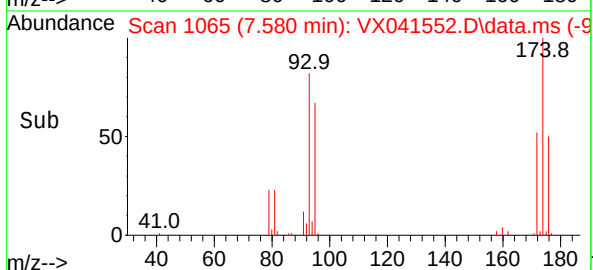
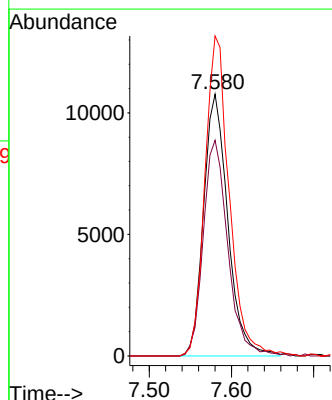
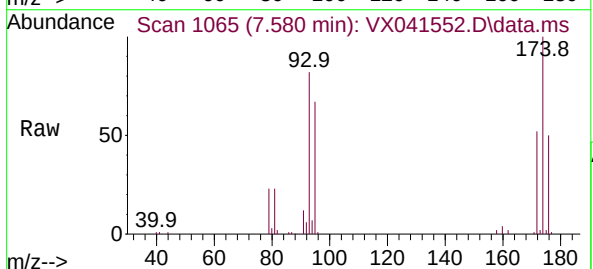
Instrument :
MSVOA_X
ClientSampleId :

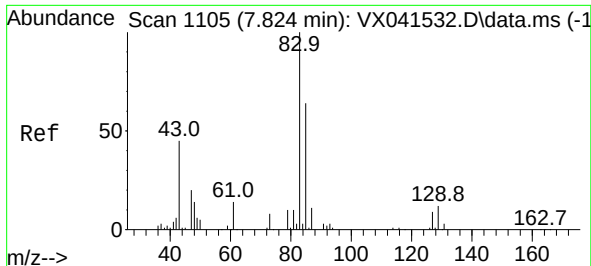
Tgt Ion: 63 Resp: 27667
Ion Ratio Lower Upper
63 100
65 32.0 24.2 36.2



#40
Dibromomethane
Concen: 19.336 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 93 Resp: 22109
Ion Ratio Lower Upper
93 100
95 83.3 0.0 168.6
174 121.7 0.0 249.8

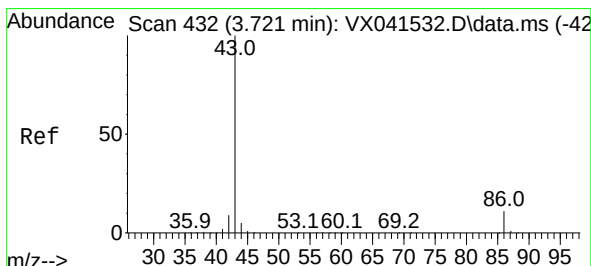
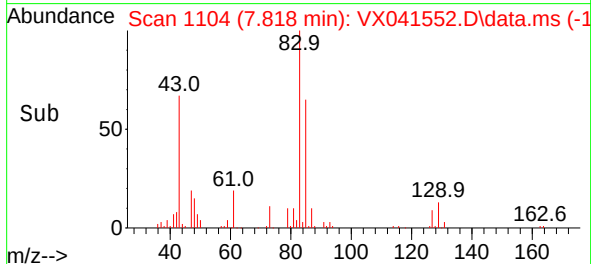
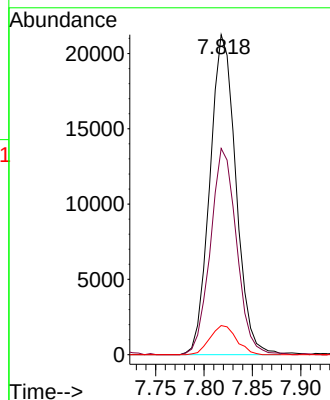
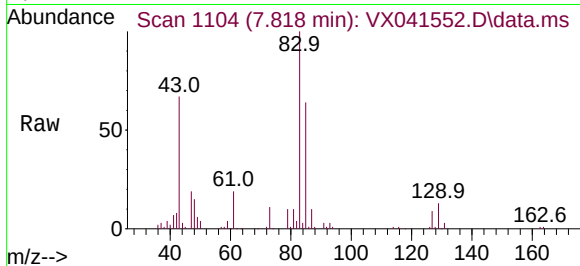




#41
Bromodichloromethane
Concen: 18.553 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

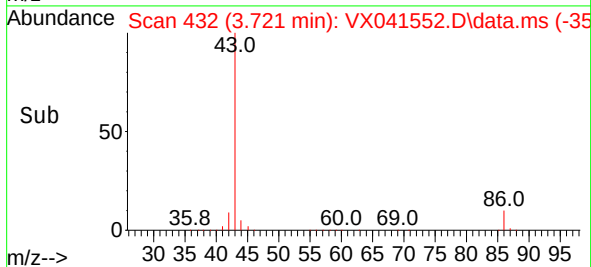
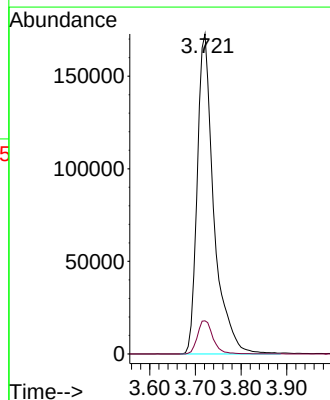
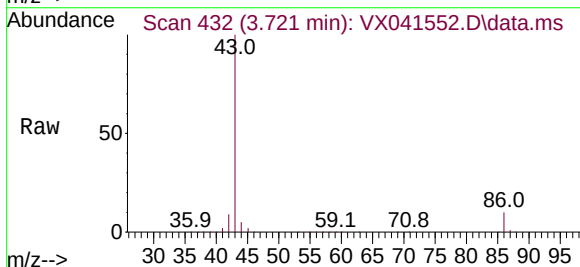
Instrument :
MSVOA_X
ClientSampleId :

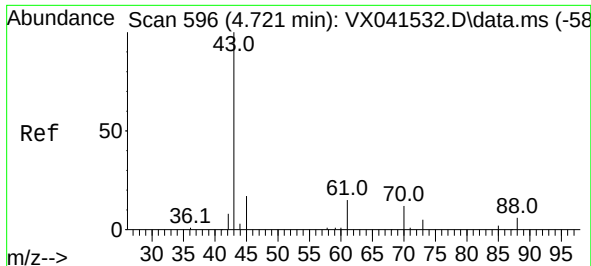
Tgt Ion: 83 Resp: 39827
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.4
127 9.1 7.1 10.7



#42
Vinyl Acetate
Concen: 97.396 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 43 Resp: 436491
Ion Ratio Lower Upper
43 100
86 9.7 7.8 11.6





#43

Ethyl Acetate

Concen: 20.459 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

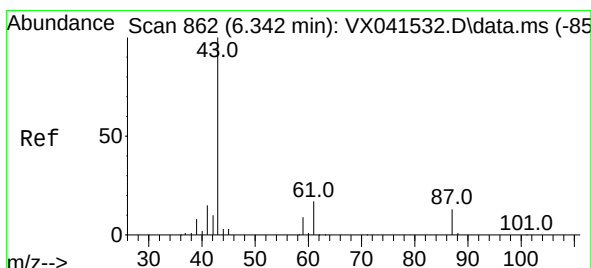
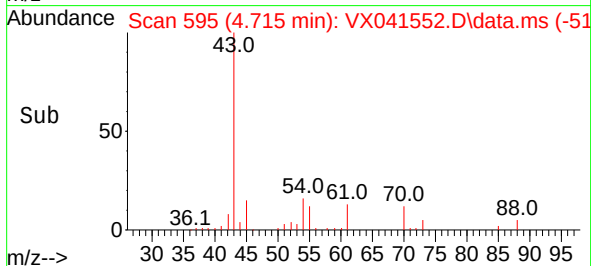
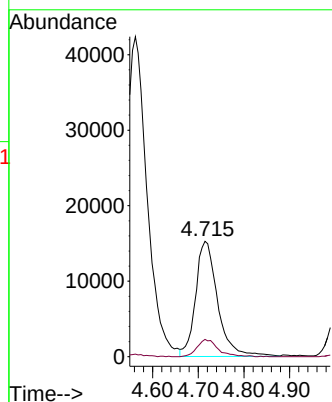
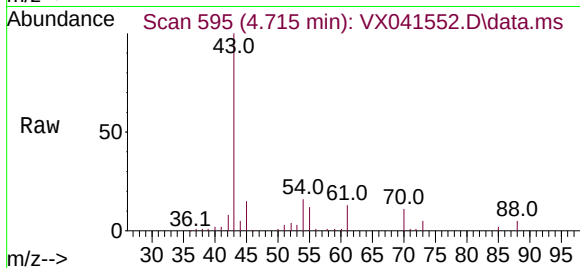
ClientSampleId :

Tgt Ion: 43 Resp: 50991

Ion Ratio Lower Upper

43 100

45 14.1 11.9 17.9



#44

Isopropyl Acetate

Concen: 19.497 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX041552.D

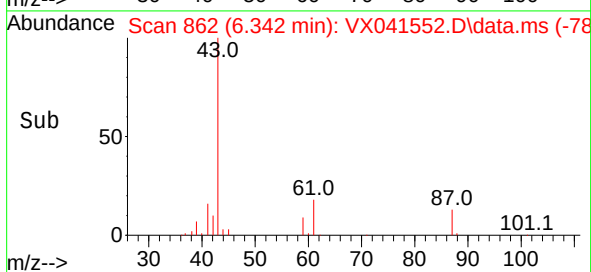
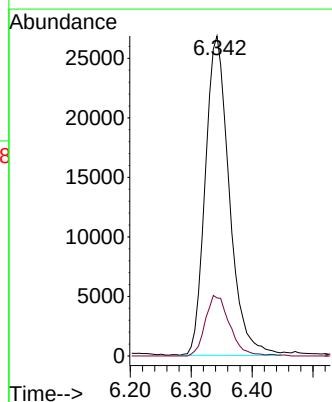
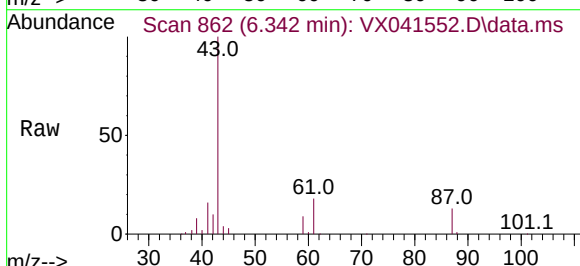
Acq: 16 May 2024 10:21

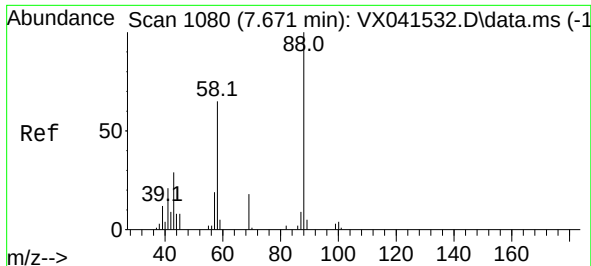
Tgt Ion: 43 Resp: 73454

Ion Ratio Lower Upper

43 100

61 19.1 15.3 22.9





#45

1,4-Dioxane

Concen: 375.516 ug/l

RT: 7.665 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041552.D

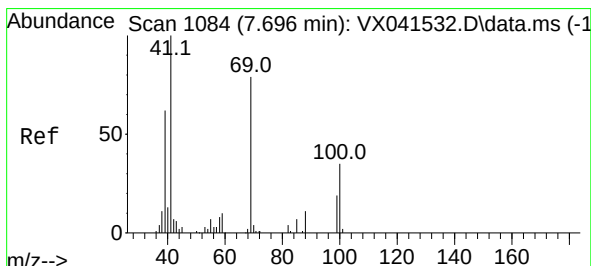
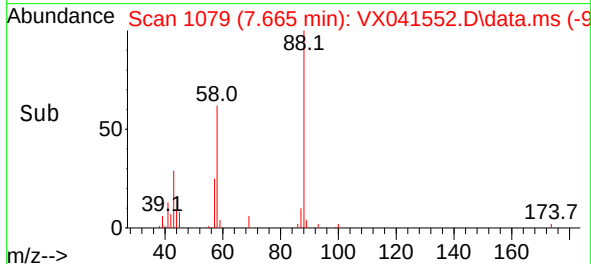
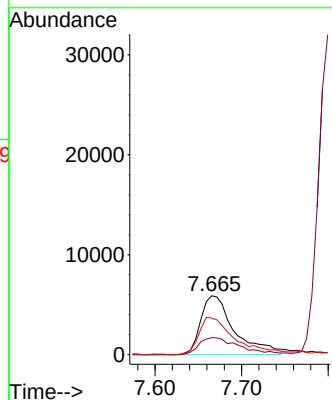
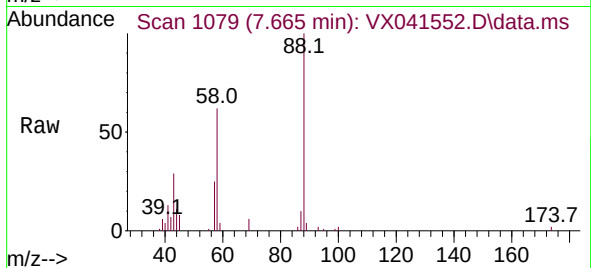
Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp: 15955
Ion Ratio	Lower Upper
88 100	
43 30.4	24.9 37.3
58 68.1	47.0 70.4



#46

Methyl methacrylate

Concen: 19.435 ug/l

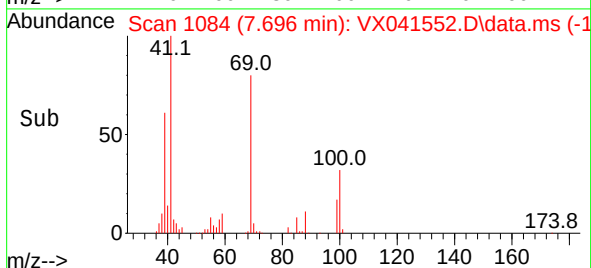
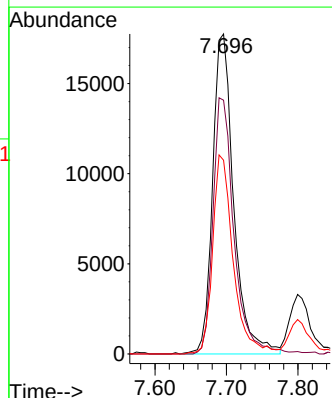
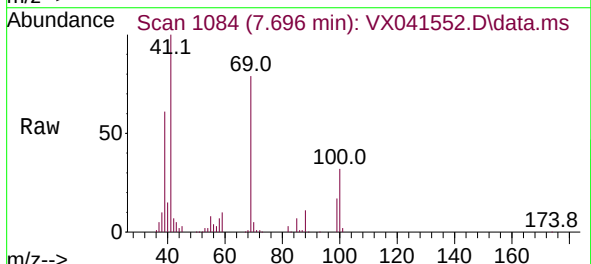
RT: 7.696 min Scan# 1084

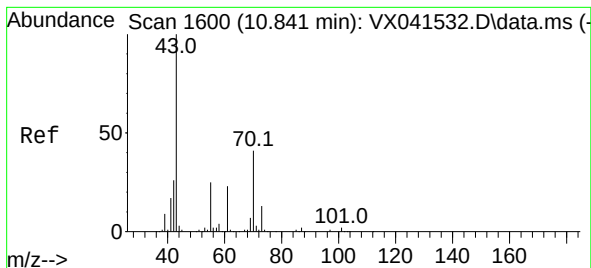
Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Tgt Ion: 41	Resp: 36431
Ion Ratio	Lower Upper
41 100	
69 79.3	39.6 119.0
39 60.6	30.9 92.8





#47

n-amyl acetate

Concen: 18.565 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

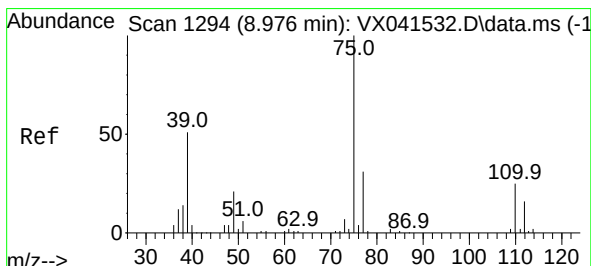
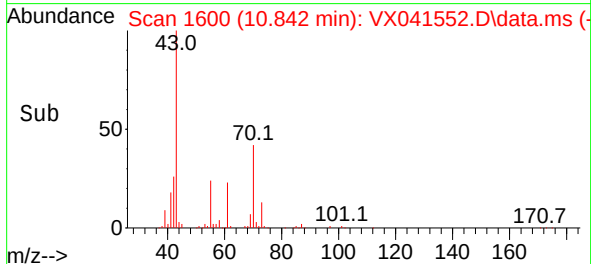
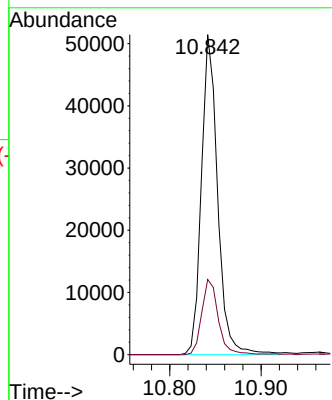
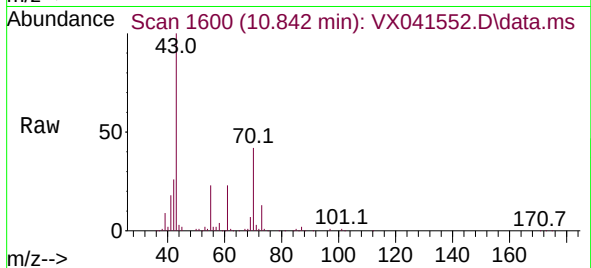
ClientSampleId :

Tgt Ion: 43 Resp: 63428

Ion Ratio Lower Upper

43 100

55 23.8 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 17.792 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041552.D

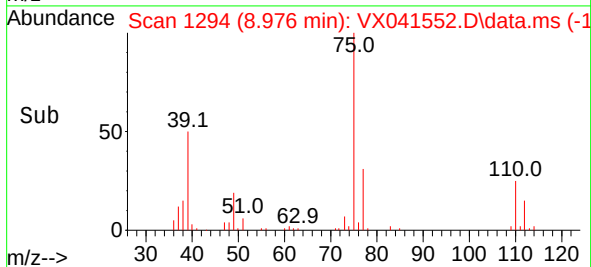
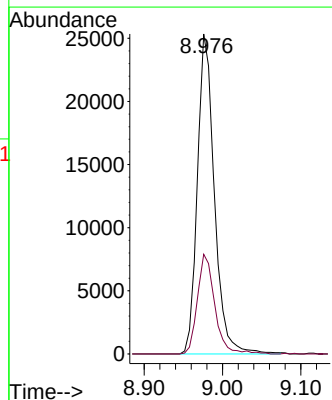
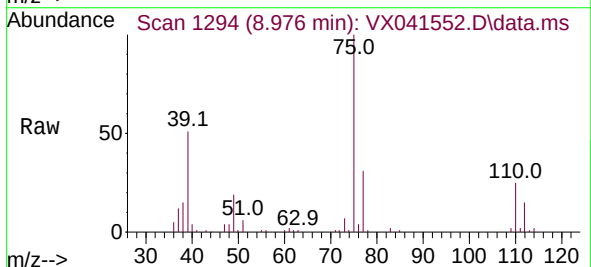
Acq: 16 May 2024 10:21

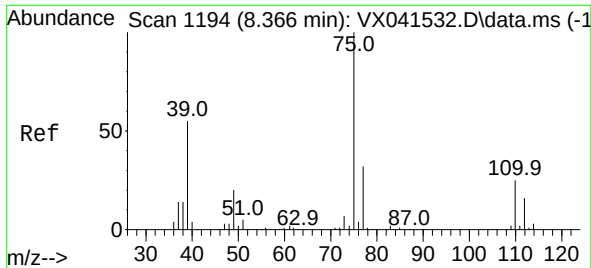
Tgt Ion: 75 Resp: 38355

Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7

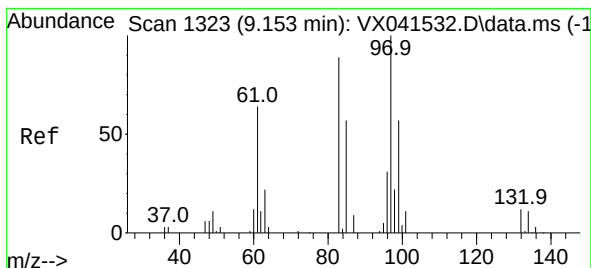
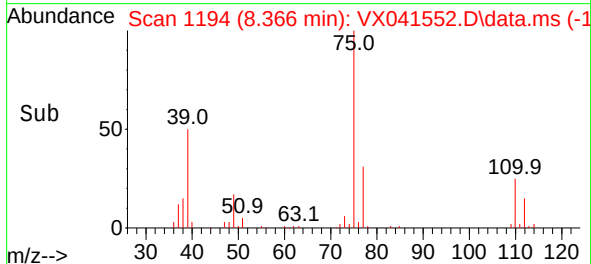
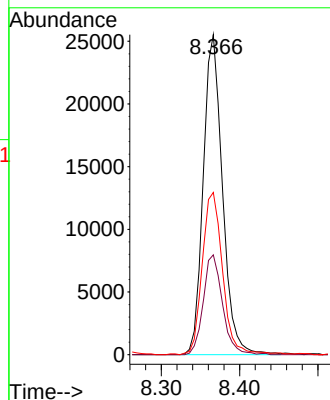
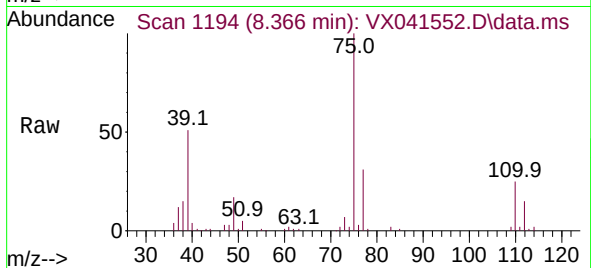




#49
 cis-1,3-Dichloropropene
 Concen: 18.652 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

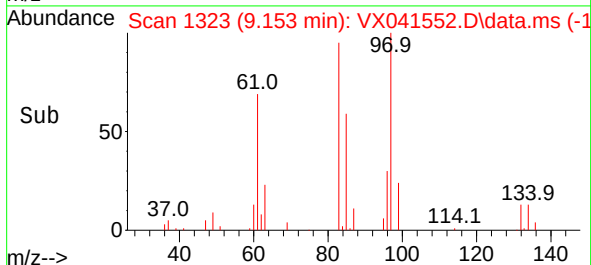
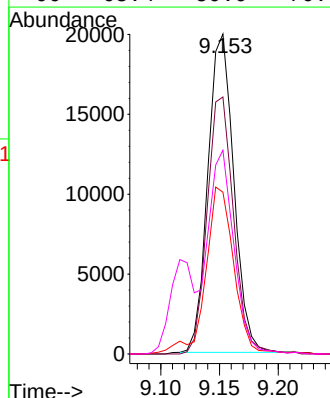
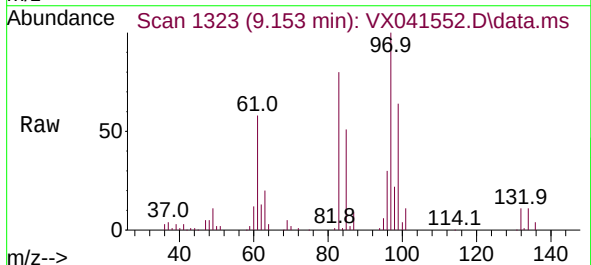
Instrument :
 MSVOA_X
 ClientSampleId :

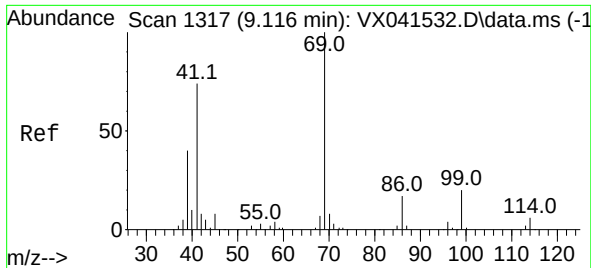
Tgt Ion: 75 Resp: 43552
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 50.7 43.6 65.4



#50
 1,1,2-Trichloroethane
 Concen: 19.226 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

Tgt Ion: 97 Resp: 30581
 Ion Ratio Lower Upper
 97 100
 83 80.7 71.3 106.9
 85 50.3 45.7 68.5
 99 63.4 50.9 76.3

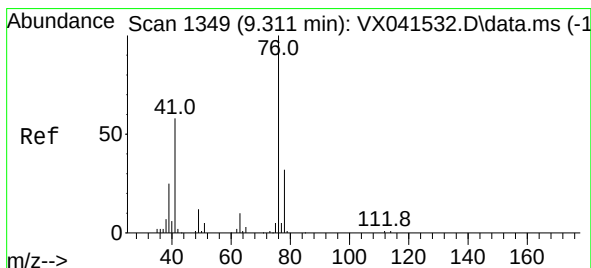
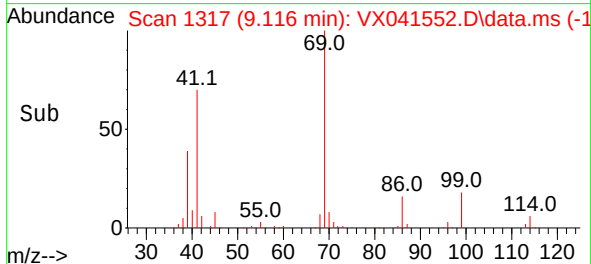
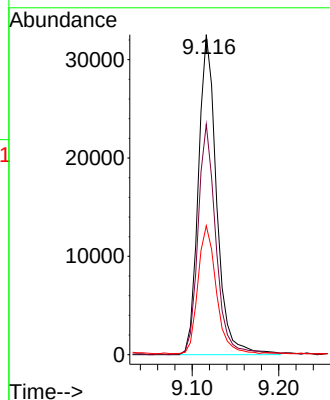
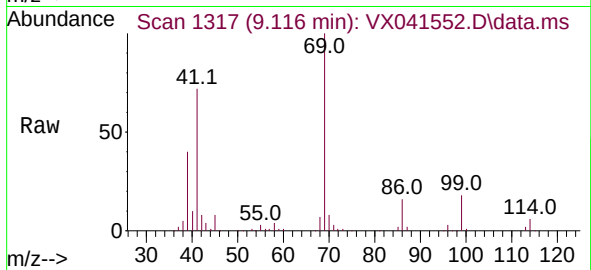




#51
Ethyl methacrylate
Concen: 18.573 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

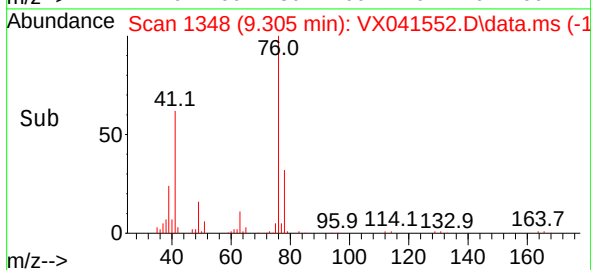
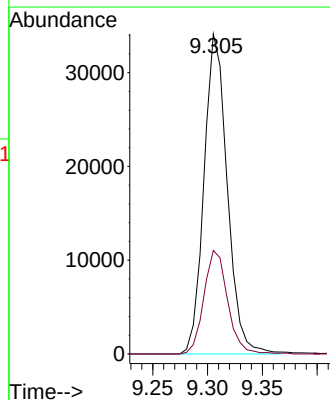
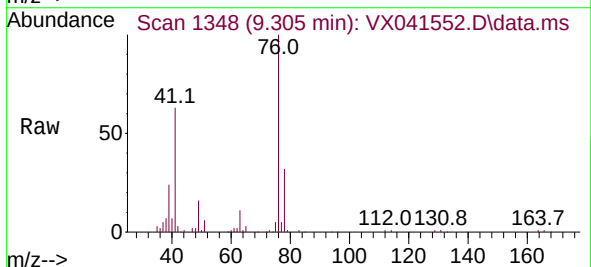
Instrument :
MSVOA_X
ClientSampleId :

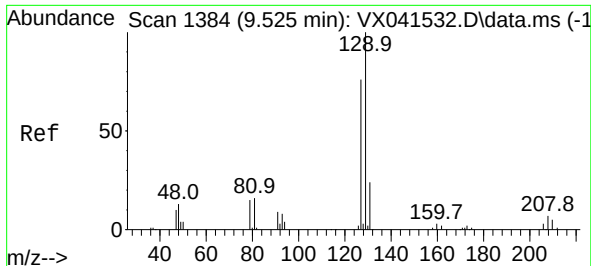
Tgt Ion: 69 Resp: 47551
Ion Ratio Lower Upper
69 100
41 71.8 37.1 111.3
39 39.9 20.2 60.6



#52
1,3-Dichloropropane
Concen: 19.171 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 76 Resp: 50389
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.4





#53

Dibromochloromethane

Concen: 18.454 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

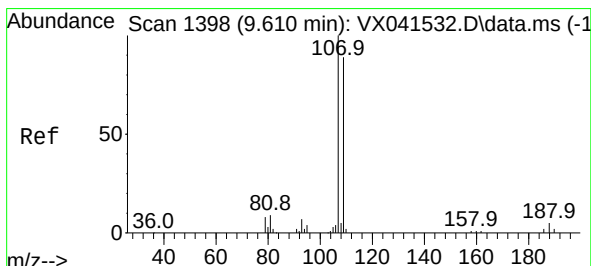
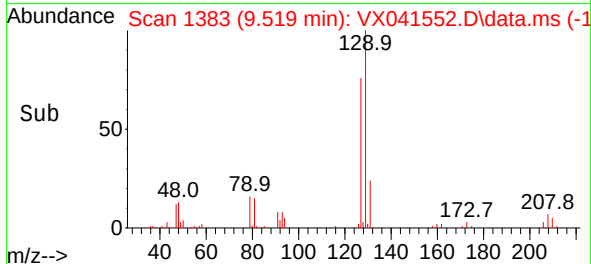
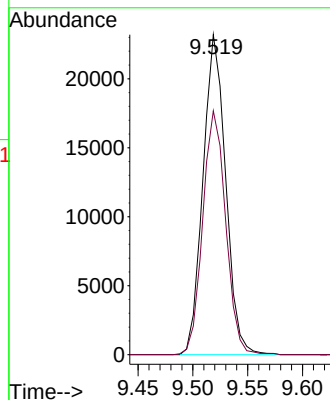
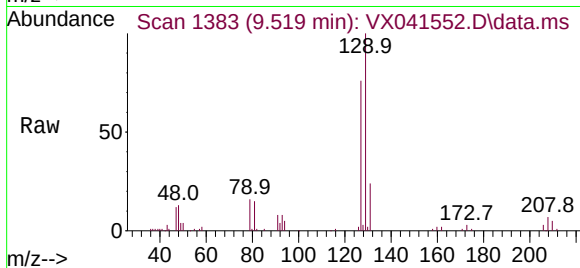
ClientSampleId :

Tgt Ion:129 Resp: 33399

Ion Ratio Lower Upper

129 100

127 76.8 38.9 116.7



#54

1,2-Dibromoethane

Concen: 19.542 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041552.D

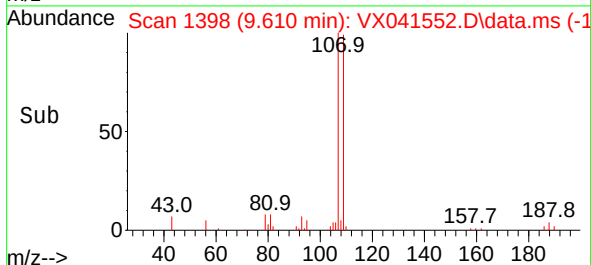
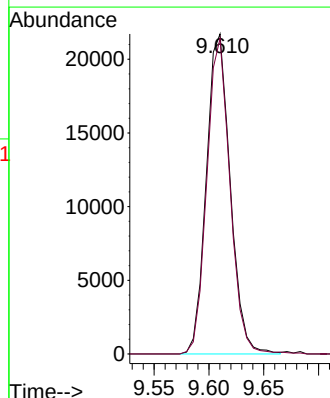
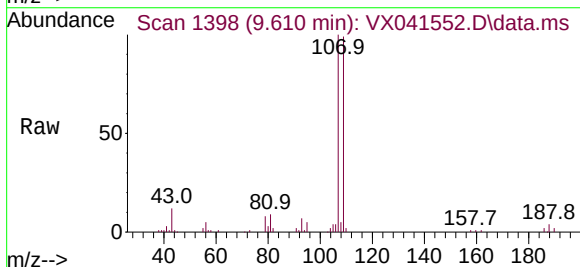
Acq: 16 May 2024 10:21

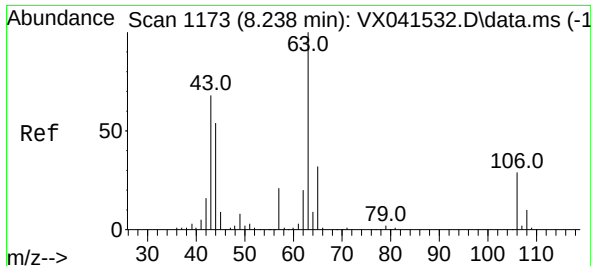
Tgt Ion:107 Resp: 32963

Ion Ratio Lower Upper

107 100

109 95.5 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 91.838 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041552.D

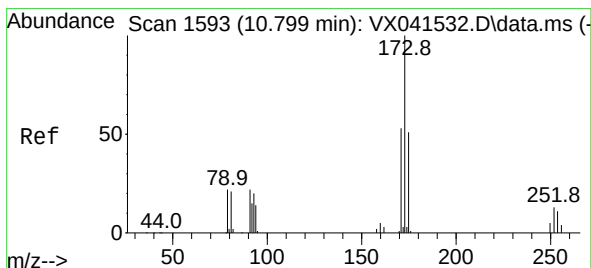
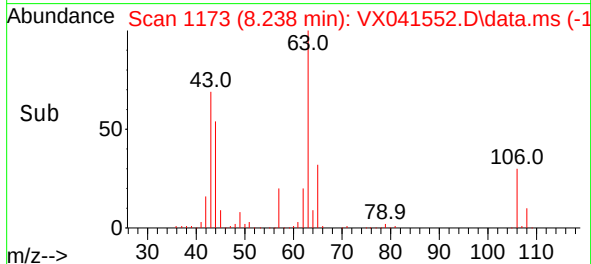
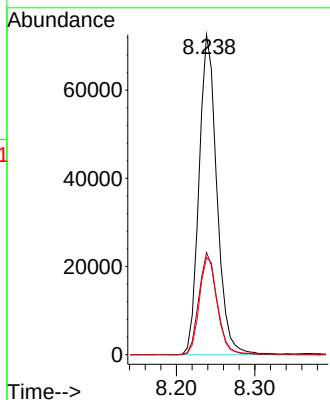
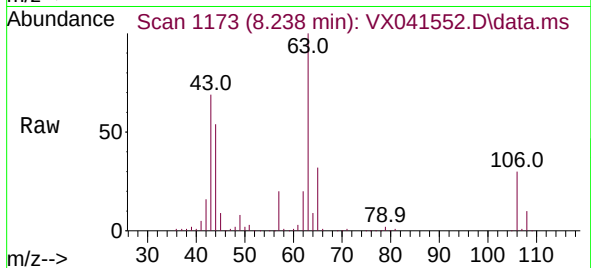
Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	114768
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3
106	30.9	24.7	37.1



#56

Bromoform

Concen: 18.053 ug/l

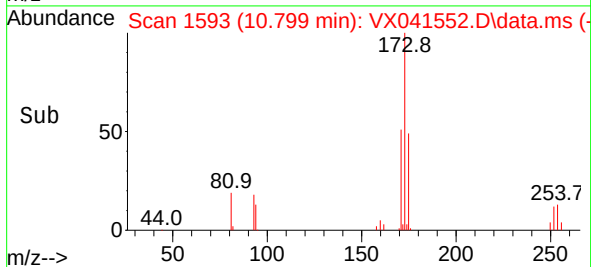
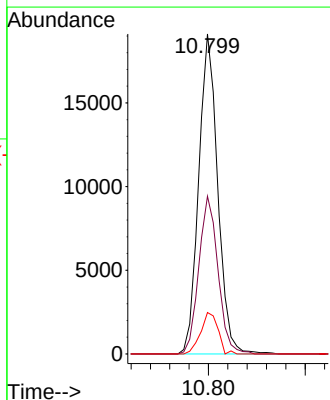
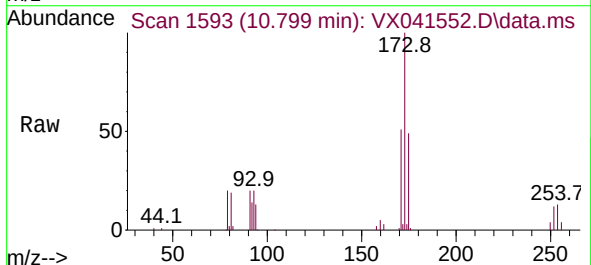
RT: 10.799 min Scan# 1593

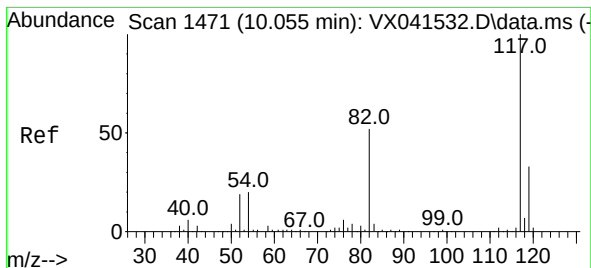
Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Tgt Ion:	173	Resp:	26176
Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.0	58.6
254	11.6	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: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

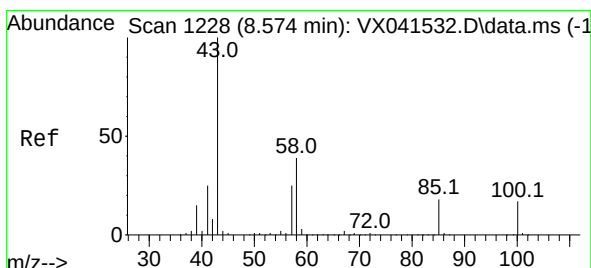
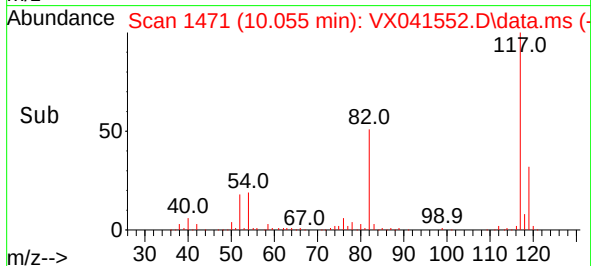
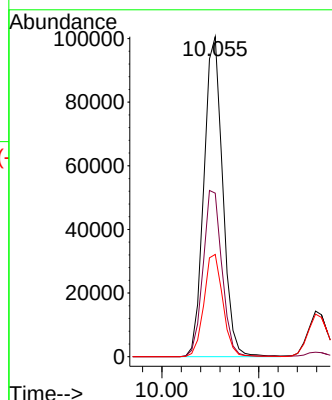
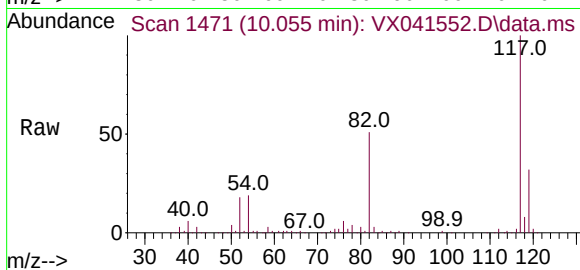
Tgt Ion:117 Resp: 135945

Ion Ratio Lower Upper

117 100

82 52.3 41.7 62.5

119 32.3 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 102.023 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

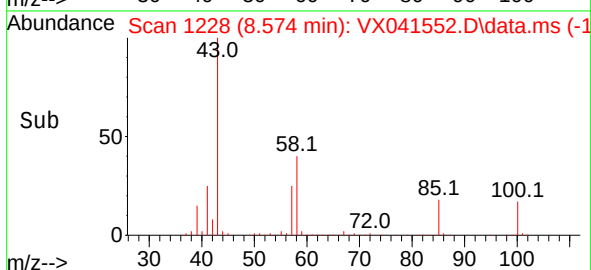
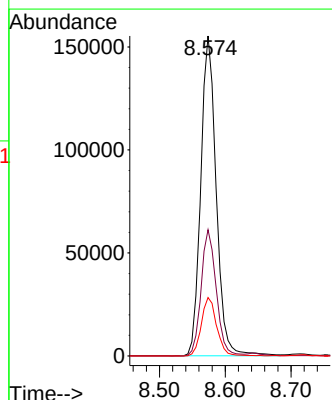
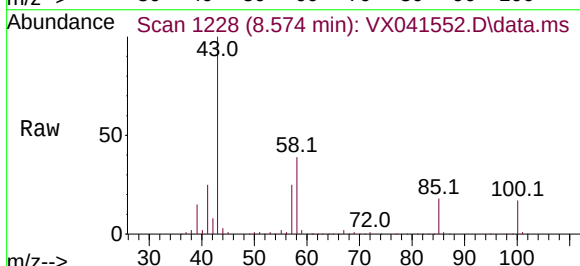
Tgt Ion: 43 Resp: 253417

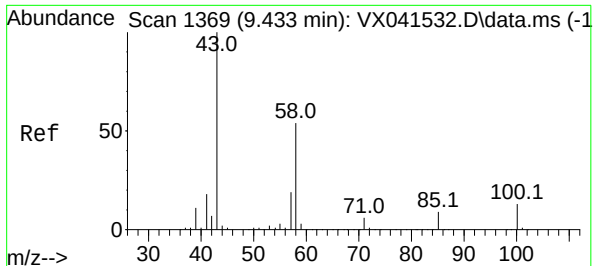
Ion Ratio Lower Upper

43 100

58 38.6 30.2 45.4

85 18.1 14.6 21.8

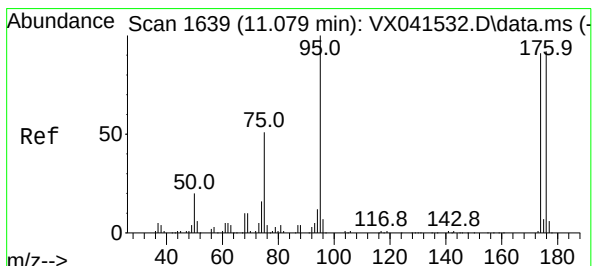
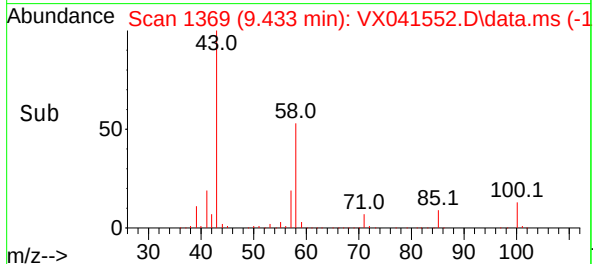
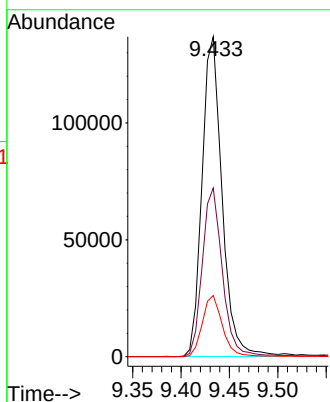
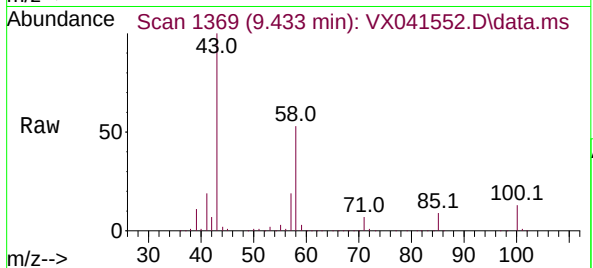




#59
2-Hexanone
Concen: 99.790 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

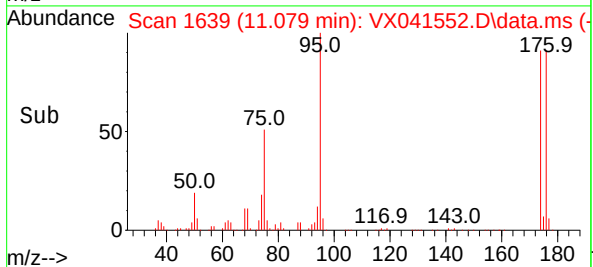
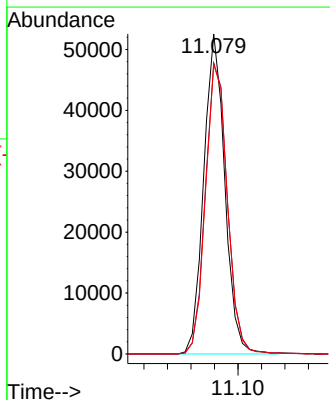
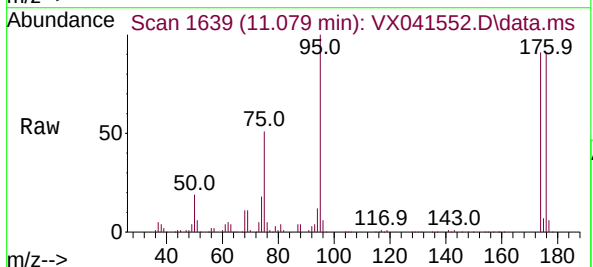
Instrument :
MSVOA_X
ClientSampleId :

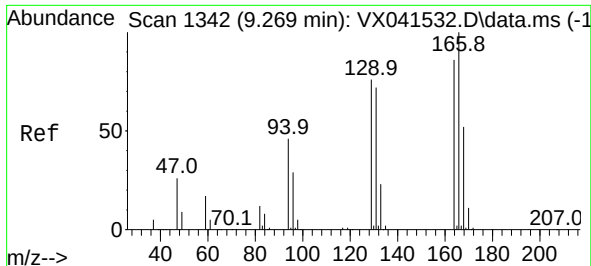
Tgt Ion: 43 Resp: 197465
Ion Ratio Lower Upper
43 100
58 53.4 42.3 63.5
57 19.3 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.843 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

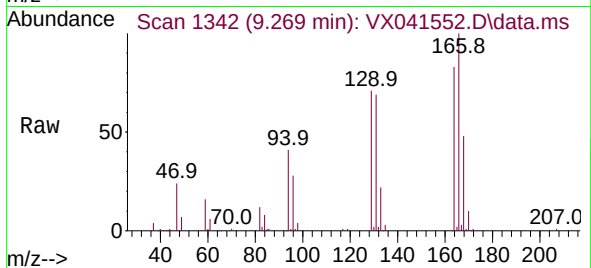
Tgt Ion: 95 Resp: 65454
Ion Ratio Lower Upper
95 100
174 94.8 76.6 115.0
176 93.9 75.4 113.0



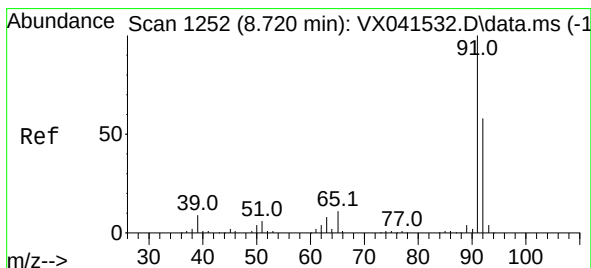
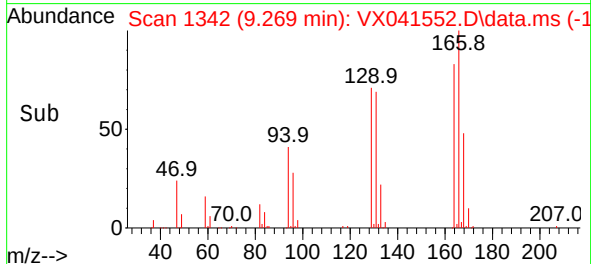
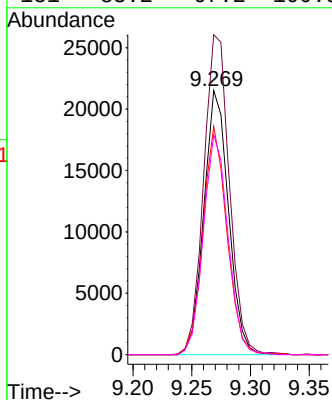


#61
Tetrachloroethene
Concen: 18.908 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Instrument :
MSVOA_X
ClientSampleId :

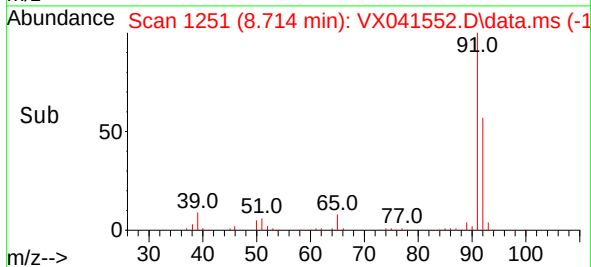
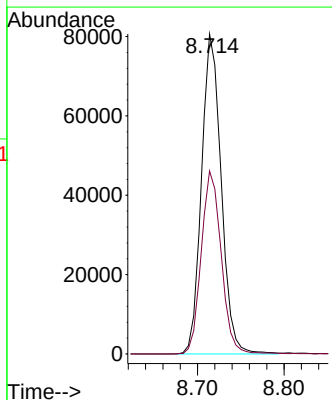
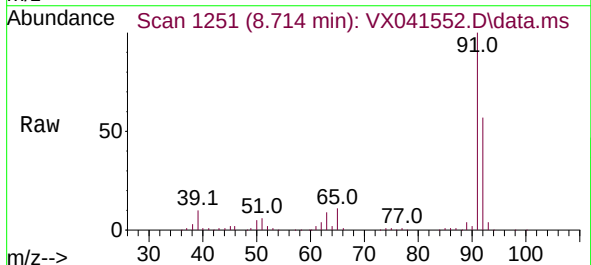


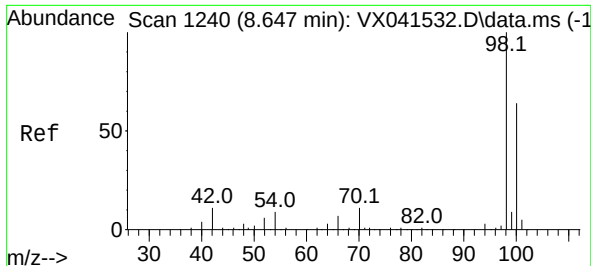
Tgt Ion:164 Resp: 31448
Ion Ratio Lower Upper
164 100
166 121.2 92.8 139.2
129 86.0 70.1 105.1
131 83.2 67.2 100.8



#62
Toluene
Concen: 18.828 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 91 Resp: 127360
Ion Ratio Lower Upper
91 100
92 57.4 47.0 70.6





#63

Toluene-d8

Concen: 29.858 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

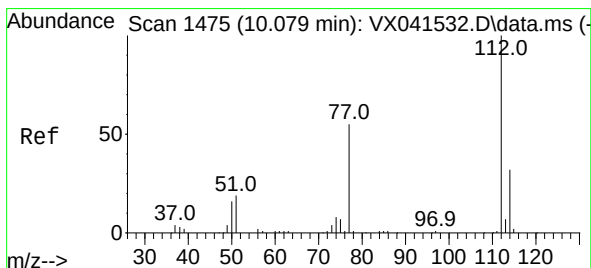
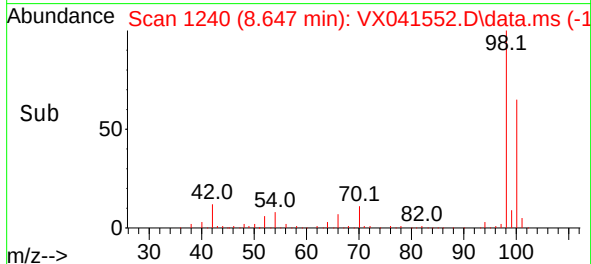
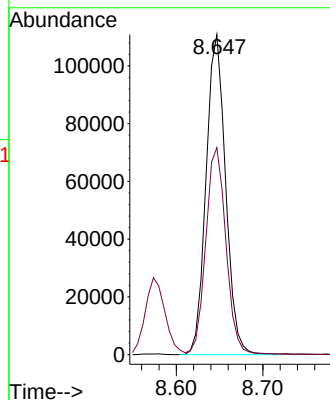
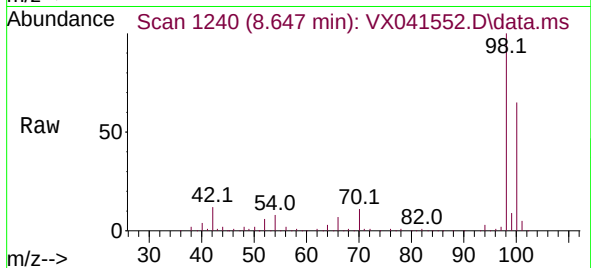
ClientSampleId :

Tgt Ion: 98 Resp: 173996

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#64

Chlorobenzene

Concen: 18.875 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041552.D

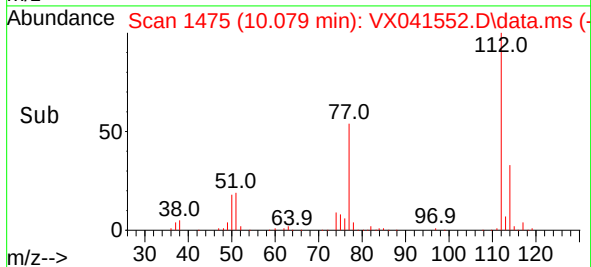
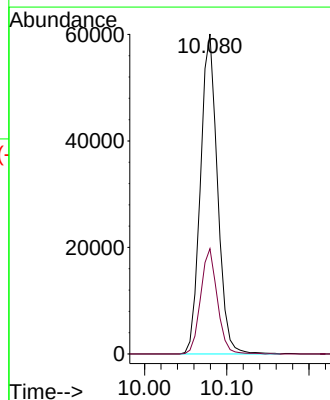
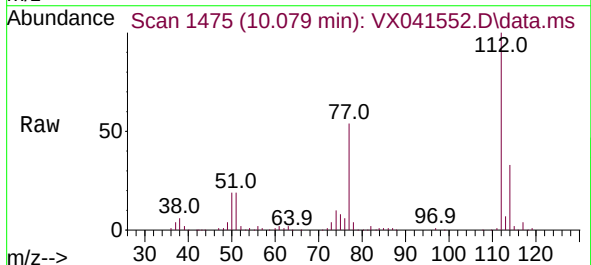
Acq: 16 May 2024 10:21

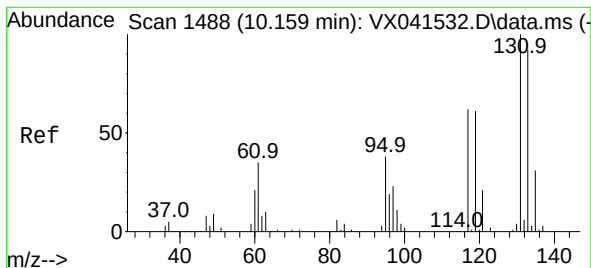
Tgt Ion: 112 Resp: 86727

Ion Ratio Lower Upper

112 100

114 32.9 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 18.786 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

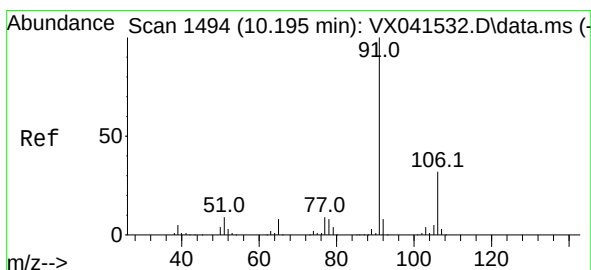
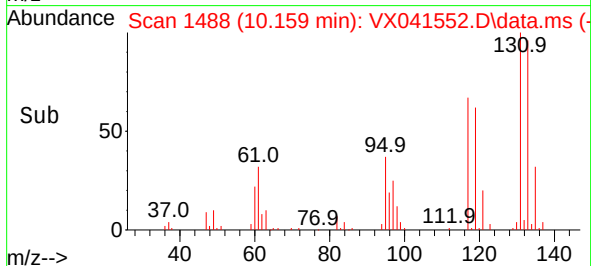
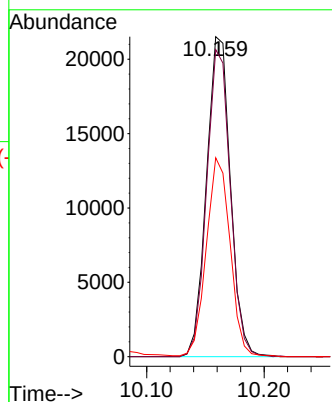
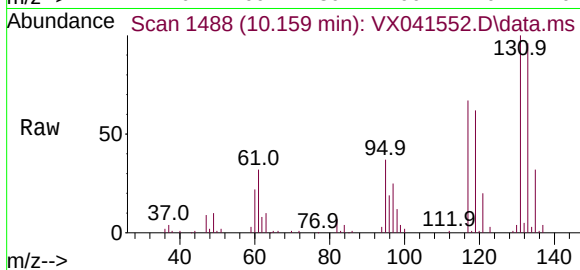
Tgt Ion:131 Resp: 30551

Ion Ratio Lower Upper

131 100

133 94.3 0.0 191.6

119 61.8 0.0 126.4



#66

Ethyl Benzene

Concen: 18.743 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041552.D

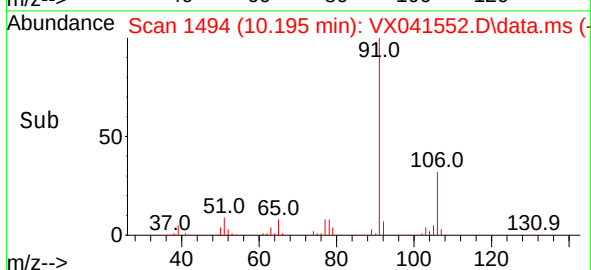
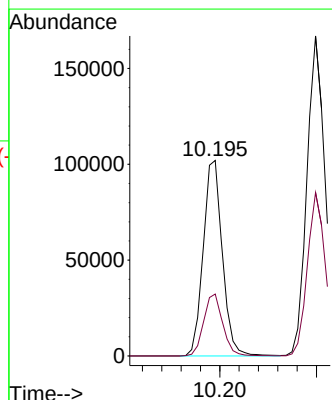
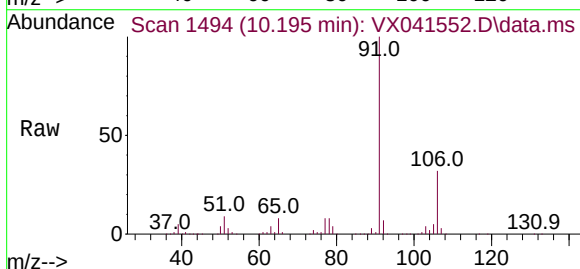
Acq: 16 May 2024 10:21

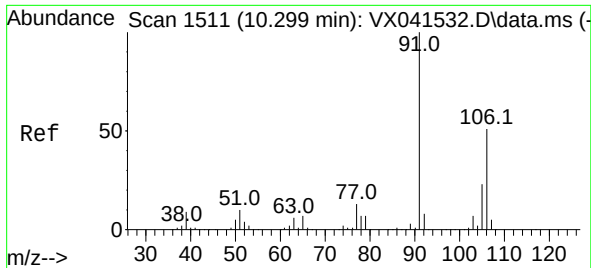
Tgt Ion: 91 Resp: 140783

Ion Ratio Lower Upper

91 100

106 31.7 25.9 38.9

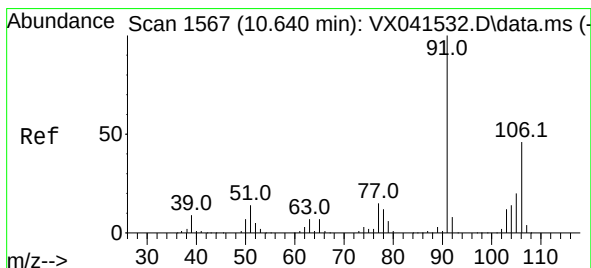
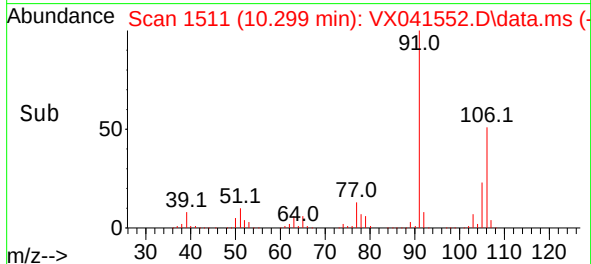
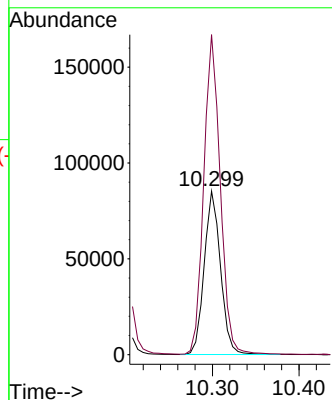
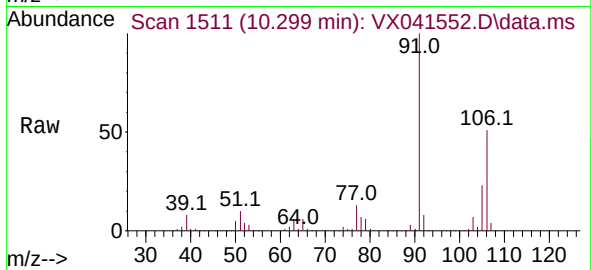




#67
m/p-Xylenes
Concen: 37.986 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

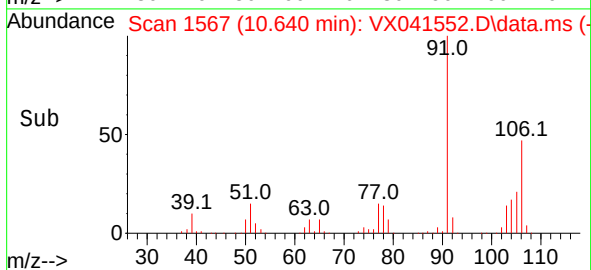
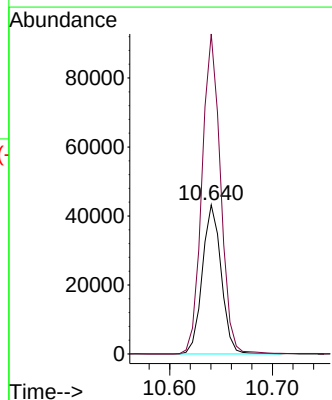
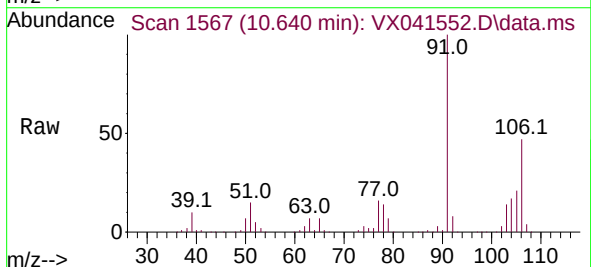
Instrument :
MSVOA_X
ClientSampleId :

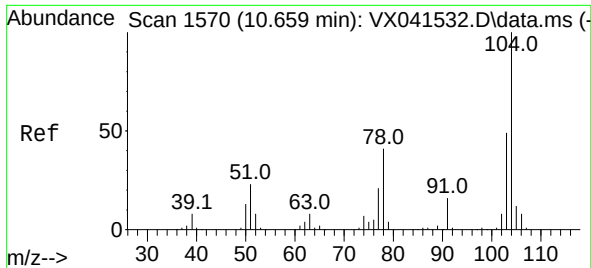
Tgt Ion:106 Resp: 111573
Ion Ratio Lower Upper
106 100
91 197.8 156.5 234.7



#68
o-Xylene
Concen: 18.745 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion:106 Resp: 55423
Ion Ratio Lower Upper
106 100
91 209.9 105.2 315.6





#69

Styrene

Concen: 18.413 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

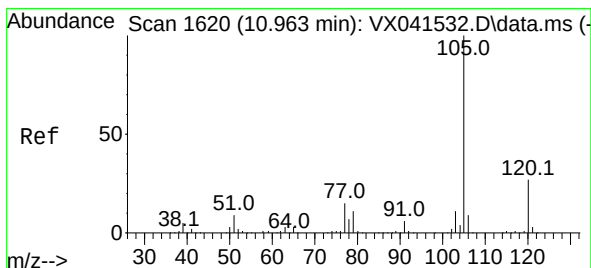
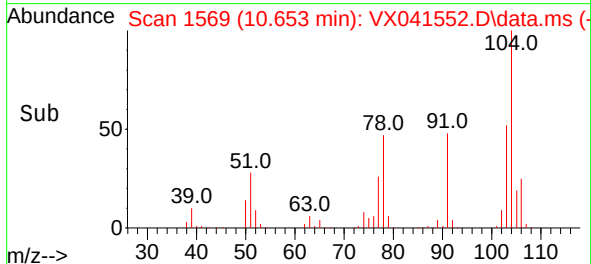
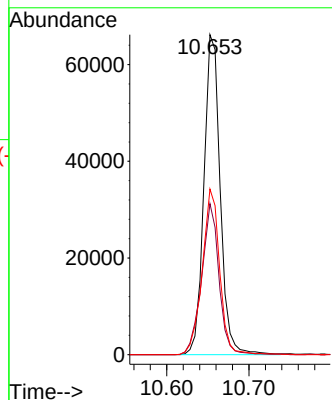
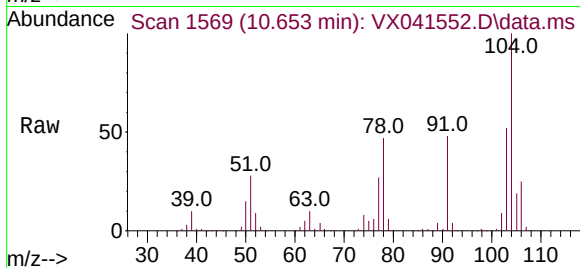
Tgt Ion:104 Resp: 91282

Ion Ratio Lower Upper

104 100

78 50.0 39.3 58.9

103 55.5 43.2 64.8



#70

Isopropylbenzene

Concen: 19.169 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041552.D

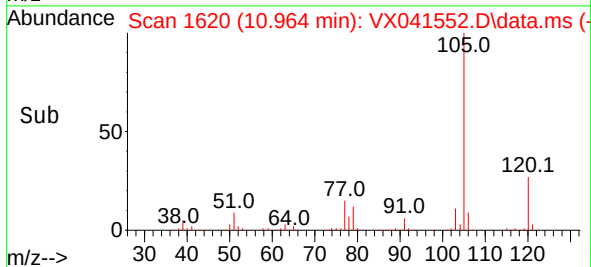
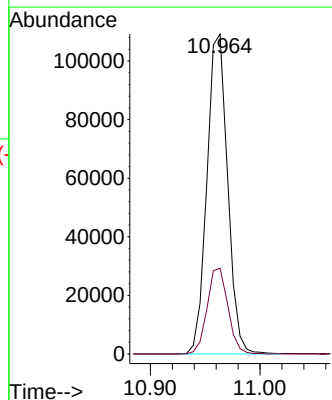
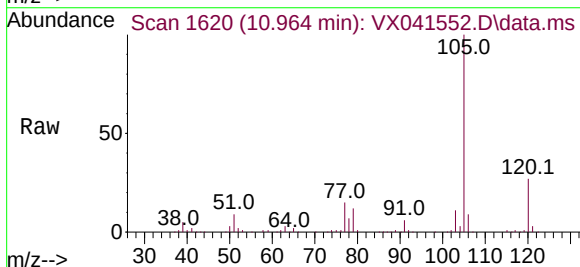
Acq: 16 May 2024 10:21

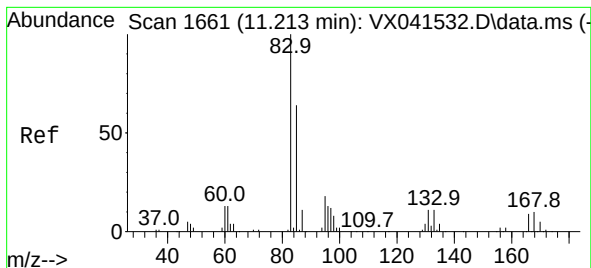
Tgt Ion:105 Resp: 143212

Ion Ratio Lower Upper

105 100

120 26.9 18.8 34.8

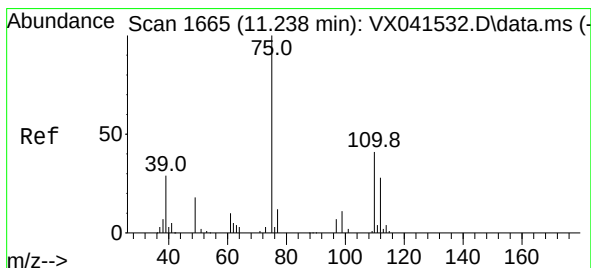
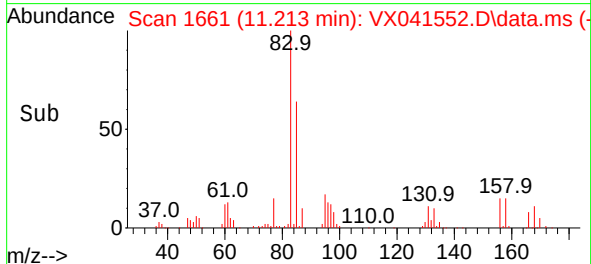
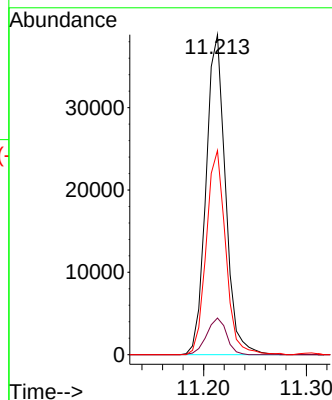
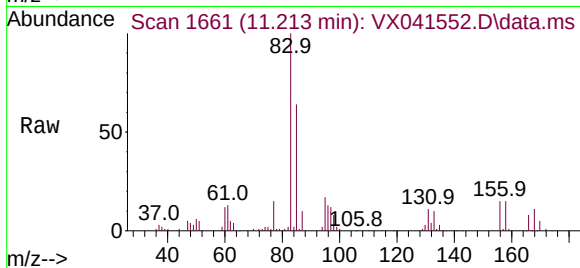




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.907 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

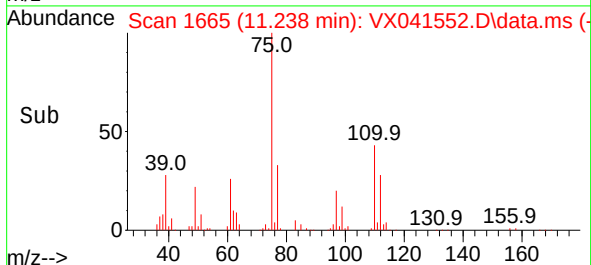
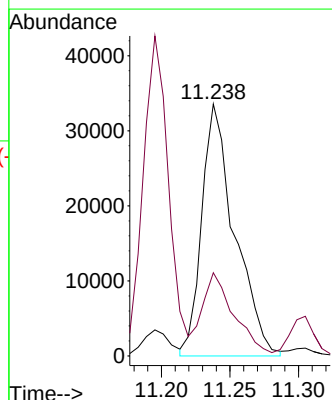
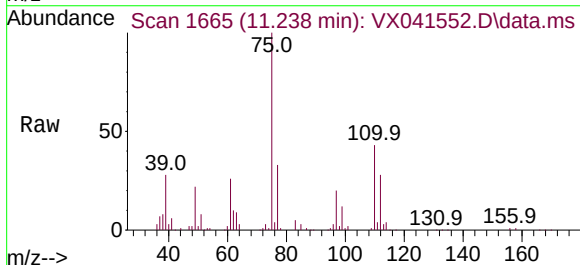
Instrument :
 MSVOA_X
 ClientSampleId :

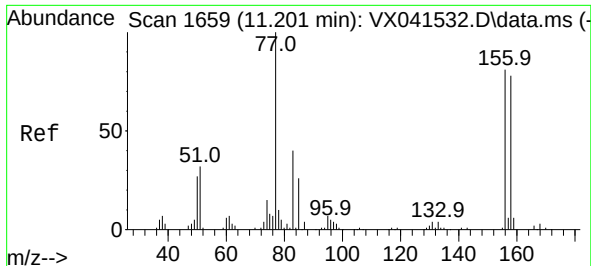
Tgt Ion: 83 Resp: 51091
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.7 17.0
 85 63.7 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 24.243 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

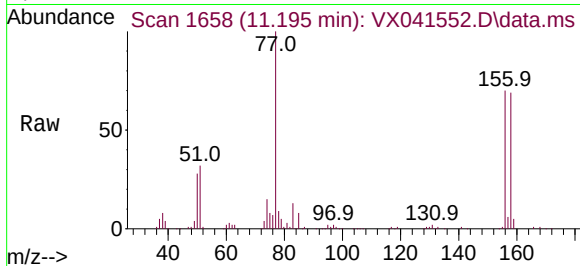
Tgt Ion: 75 Resp: 56112
 Ion Ratio Lower Upper
 75 100
 77 32.0 0.0 78.8



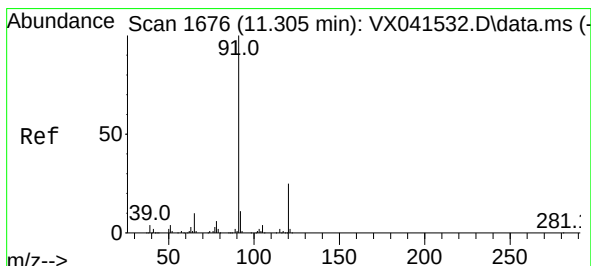
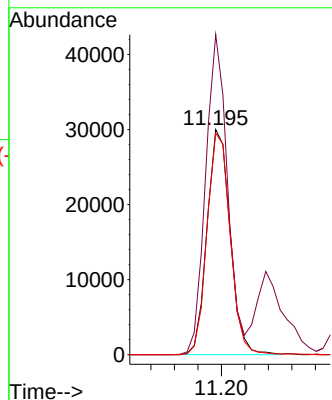
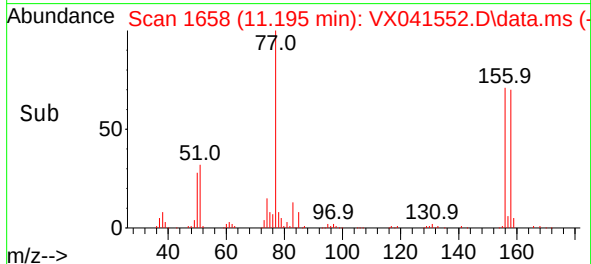


#73
Bromobenzene
Concen: 18.689 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

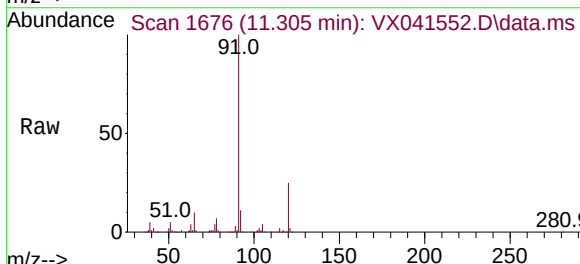
Instrument :
MSVOA_X
ClientSampleId :



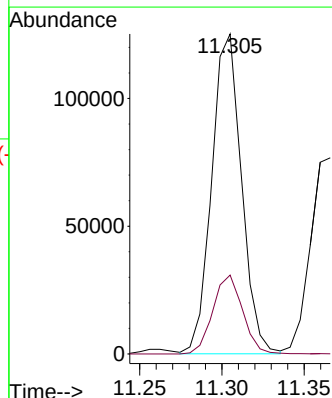
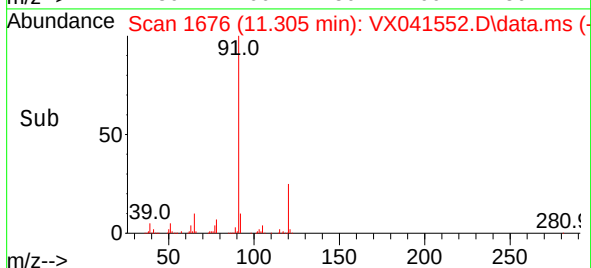
Tgt Ion:156 Resp: 41027
Ion Ratio Lower Upper
156 100
77 133.9 0.0 267.4
158 98.0 0.0 192.8

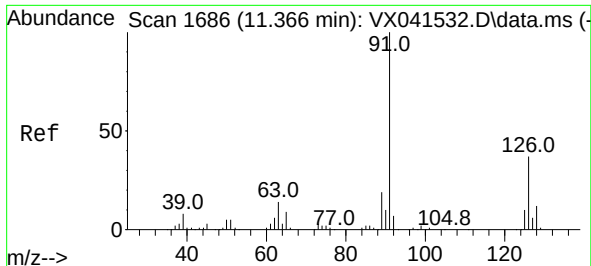


#74
n-propylbenzene
Concen: 18.733 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21



Tgt Ion: 91 Resp: 157817
Ion Ratio Lower Upper
91 100
120 24.6 0.0 48.4

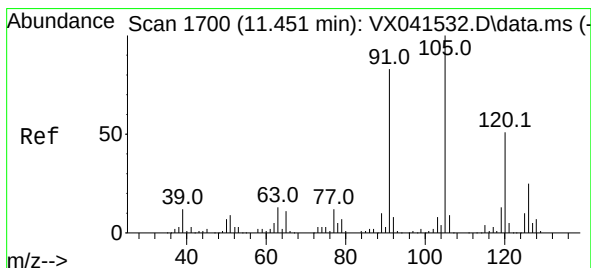
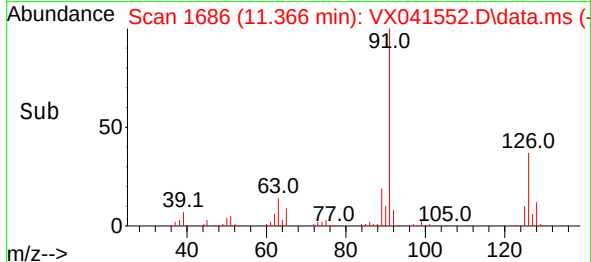
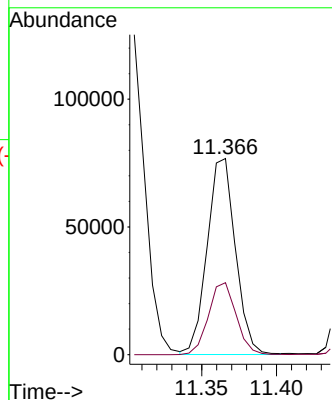
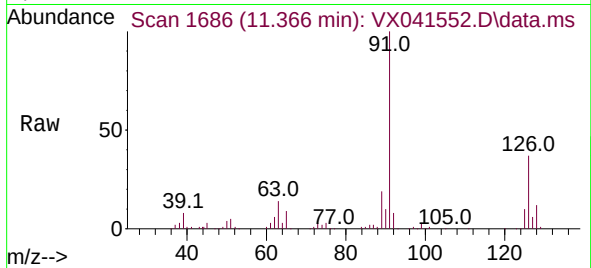




#75
2-Chlorotoluene
Concen: 19.103 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

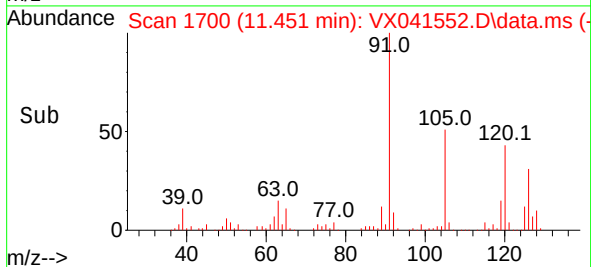
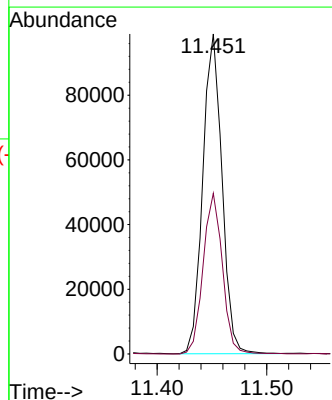
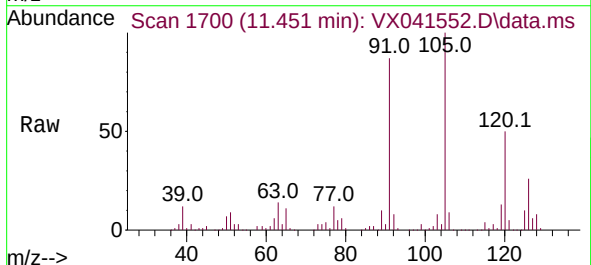
Instrument :
MSVOA_X
ClientSampleId :

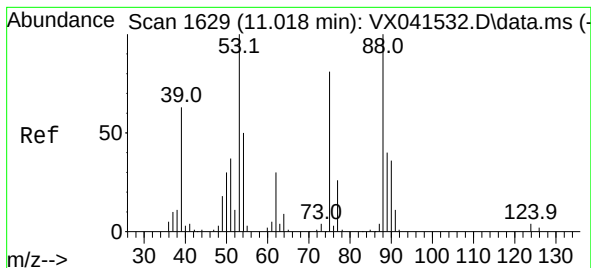
Tgt Ion: 91 Resp: 101062
Ion Ratio Lower Upper
91 100
126 36.0 0.0 71.6



#76
1,3,5-Trimethylbenzene
Concen: 18.867 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion:105 Resp: 120312
Ion Ratio Lower Upper
105 100
120 50.3 0.0 102.6

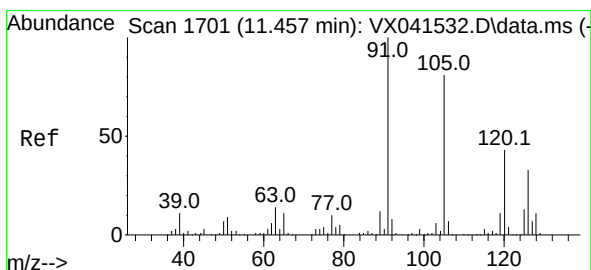
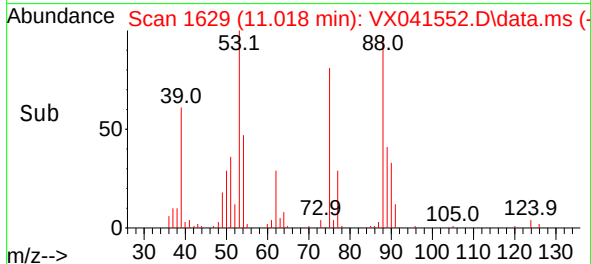
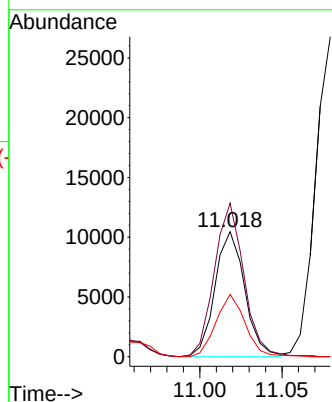
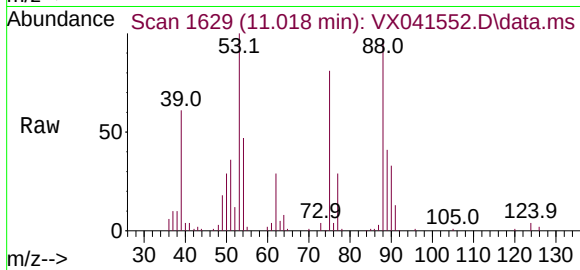




#77
t-1,4-Dichloro-2-butene
Concen: 18.127 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

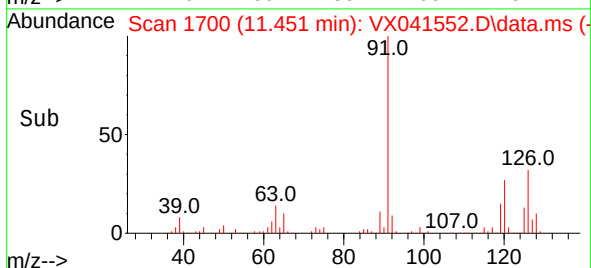
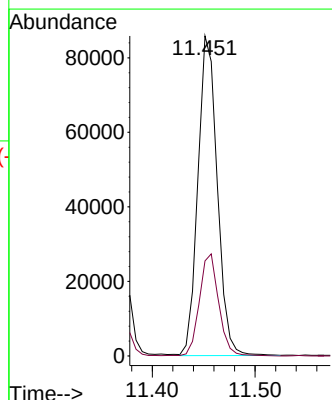
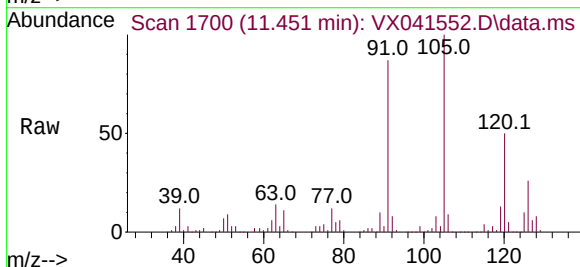
Instrument :
MSVOA_X
ClientSampleId :

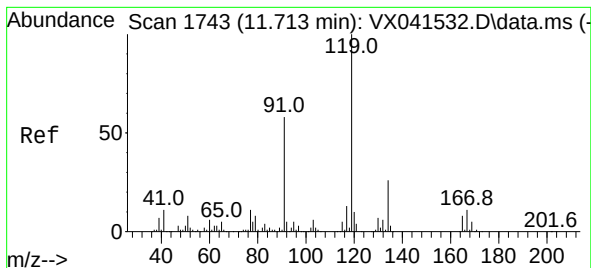
Tgt Ion: 75 Resp: 13187
Ion Ratio Lower Upper
75 100
53 122.9 61.8 185.3
89 49.9 24.9 74.7



#78
4-Chlorotoluene
Concen: 18.642 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 91 Resp: 112328
Ion Ratio Lower Upper
91 100
126 31.9 0.0 62.2





#79

tert-butylbenzene

Concen: 18.874 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

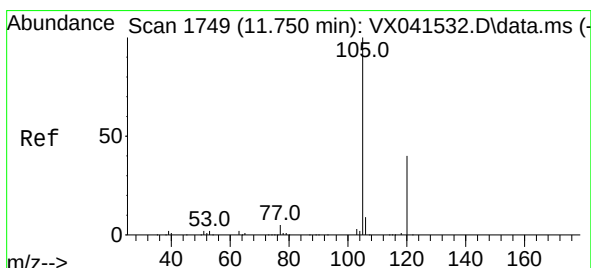
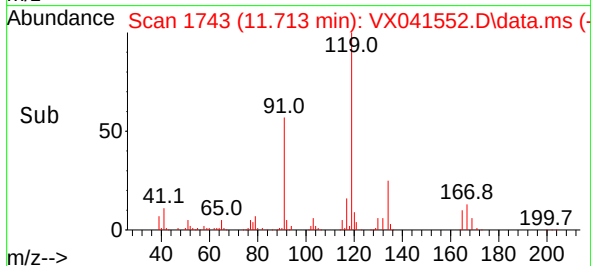
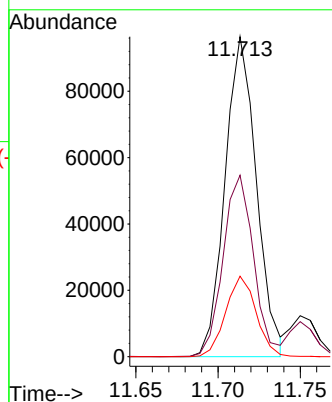
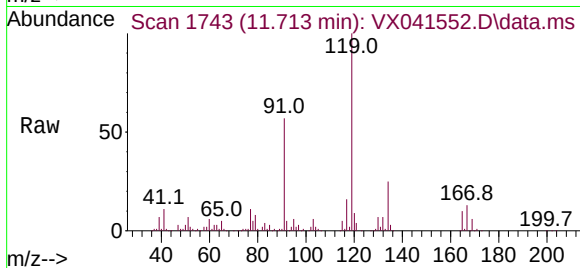
Tgt Ion:119 Resp: 128098

Ion Ratio Lower Upper

119 100

91 55.3 0.0 110.0

134 24.5 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 18.916 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041552.D

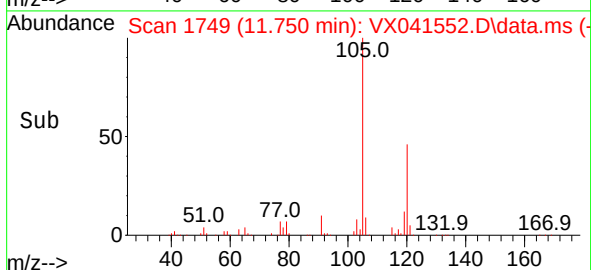
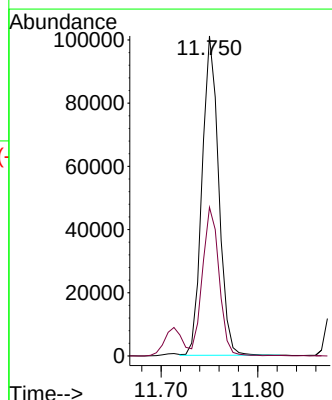
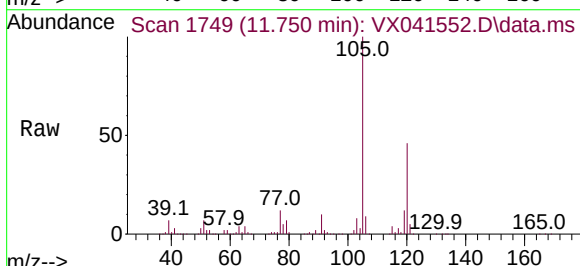
Acq: 16 May 2024 10:21

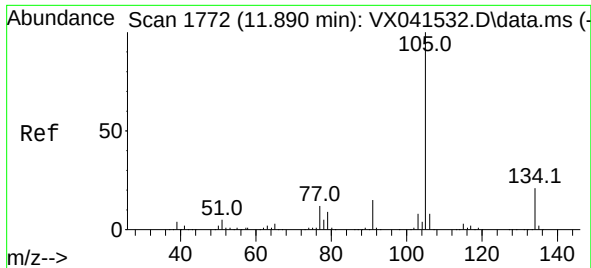
Tgt Ion:105 Resp: 120905

Ion Ratio Lower Upper

105 100

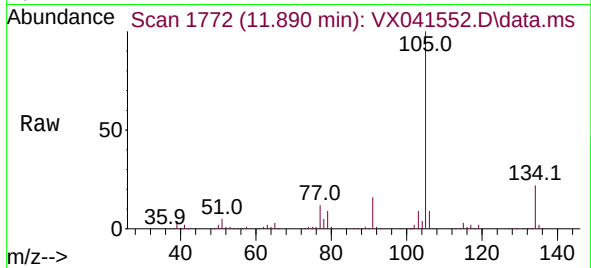
120 46.4 0.0 92.2



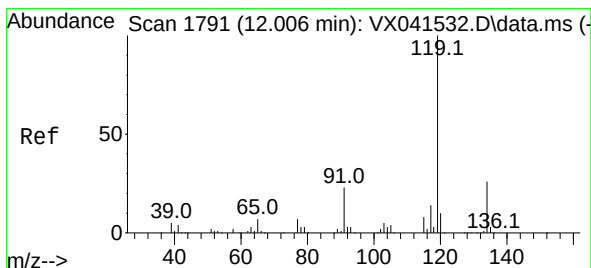
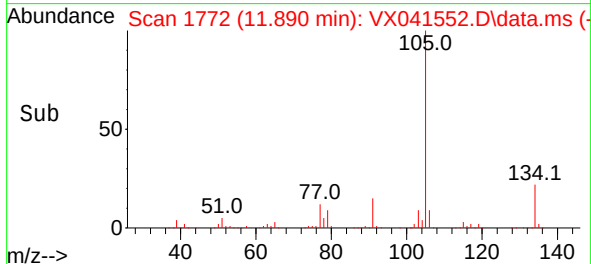
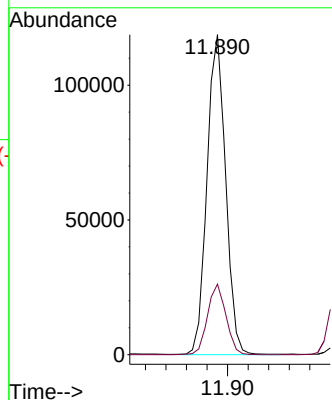


#81
 sec-Butylbenzene
 Concen: 18.845 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

Instrument :
 MSVOA_X
 ClientSampleId :

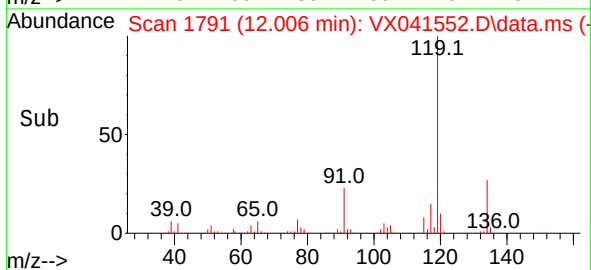
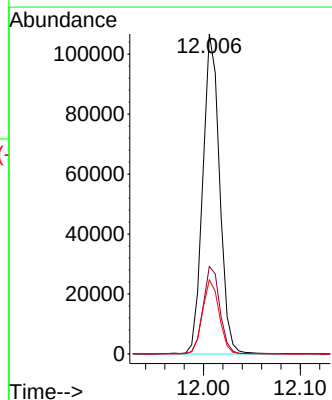
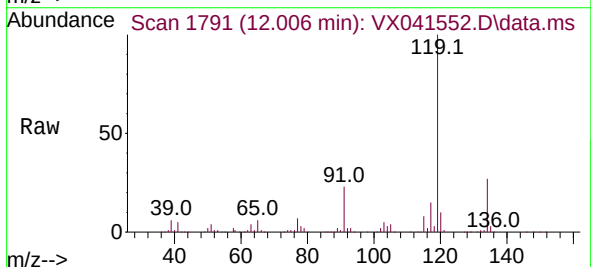


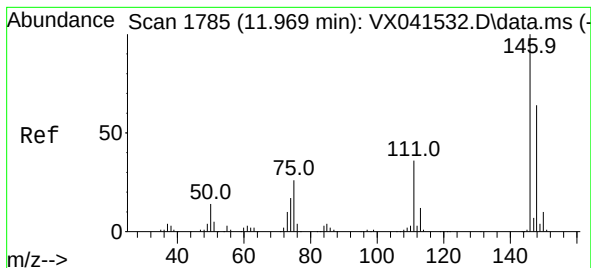
Tgt Ion:105 Resp: 149456
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.4



#82
 p-Isopropyltoluene
 Concen: 18.602 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041552.D
 Acq: 16 May 2024 10:21

Tgt Ion:119 Resp: 129145
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 53.4
 91 22.9 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 18.765 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

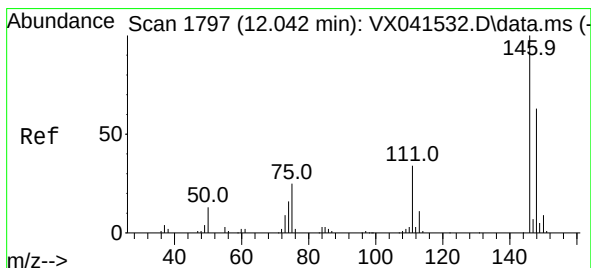
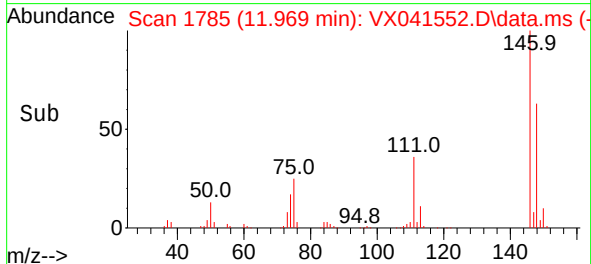
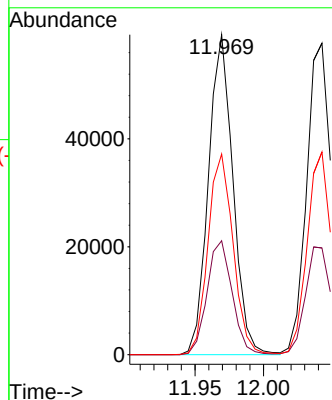
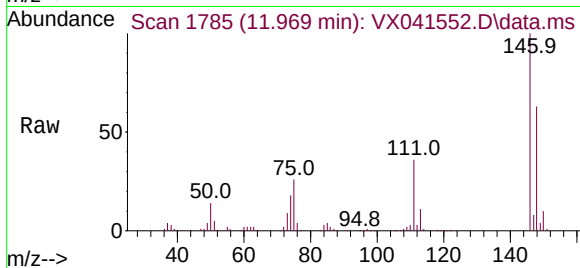
Tgt Ion:146 Resp: 73877

Ion Ratio Lower Upper

146 100

111 36.4 18.4 55.2

148 63.8 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 18.640 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

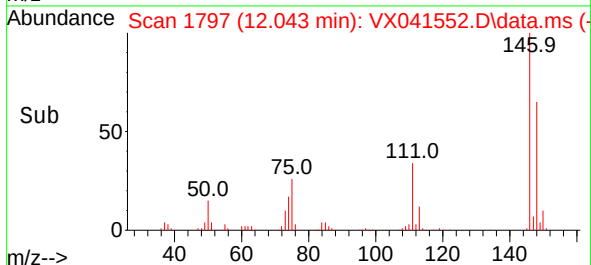
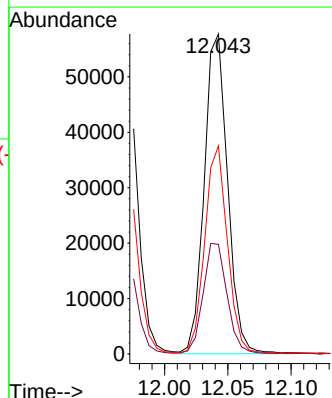
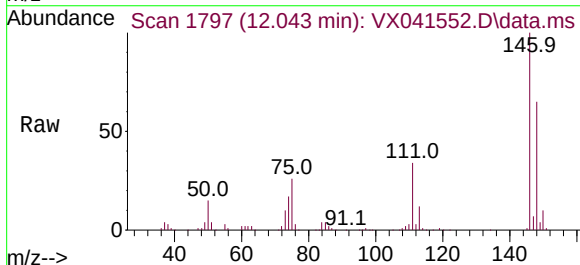
Tgt Ion:146 Resp: 74152

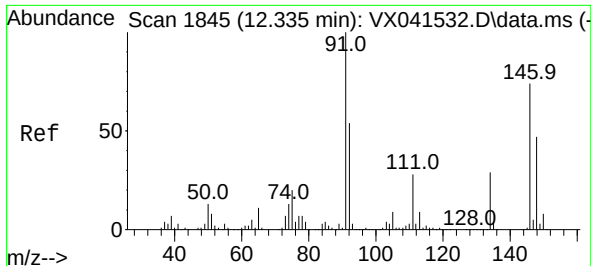
Ion Ratio Lower Upper

146 100

111 35.8 17.8 53.5

148 63.4 31.9 95.5

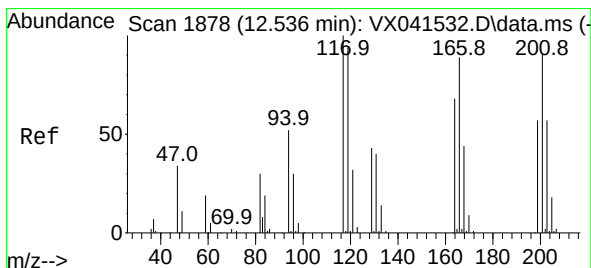
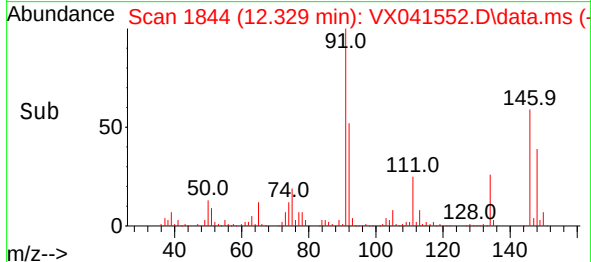
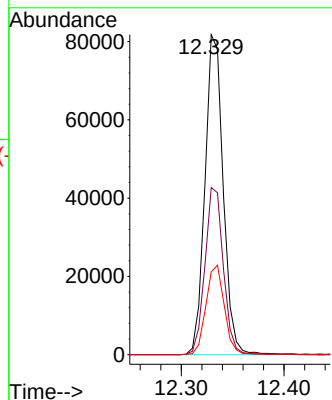
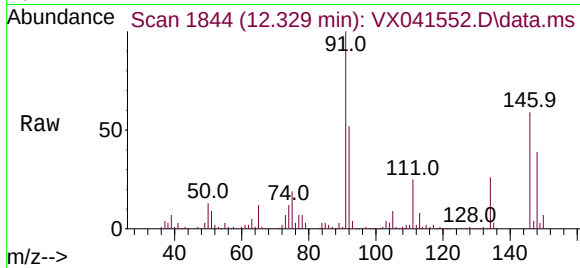




#85
n-Butylbenzene
Concen: 18.111 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

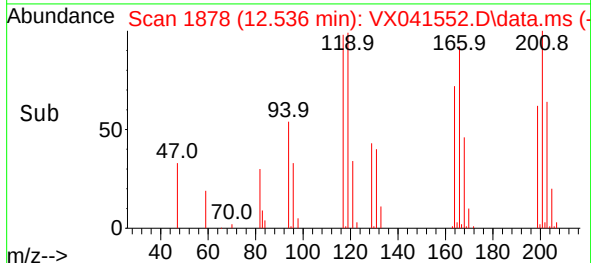
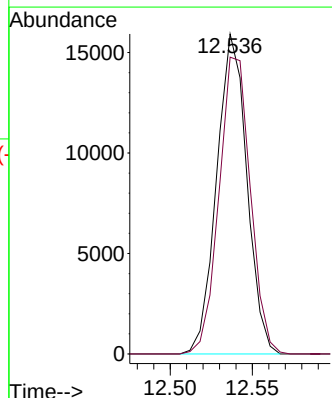
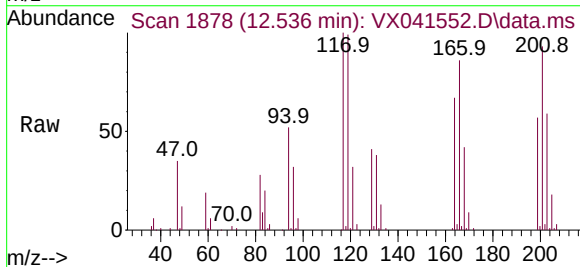
Instrument :
MSVOA_X
ClientSampleId :

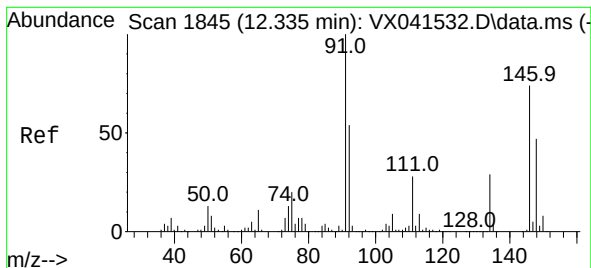
Tgt Ion: 91 Resp: 101177
Ion Ratio Lower Upper
91 100
92 52.9 0.0 108.4
134 28.2 0.0 56.6



#86
Hexachloroethane
Concen: 17.424 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041552.D
Acq: 16 May 2024 10:21

Tgt Ion: 117 Resp: 20366
Ion Ratio Lower Upper
117 100
201 96.2 47.3 141.8





#87

1,2-Dichlorobenzene

Concen: 18.675 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

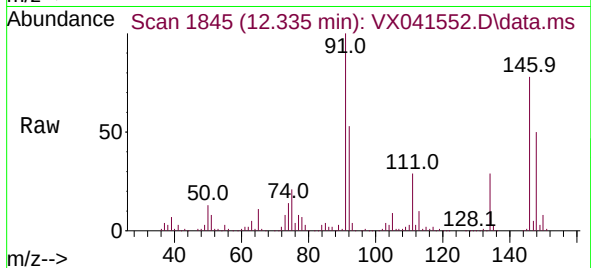
Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :



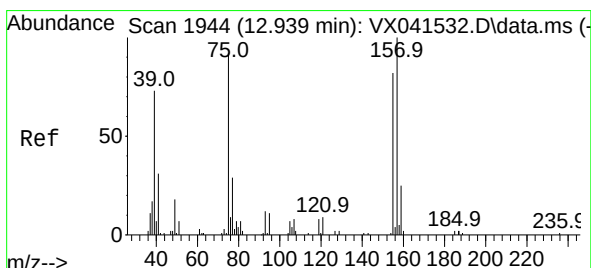
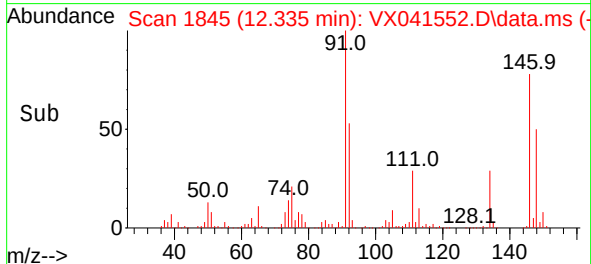
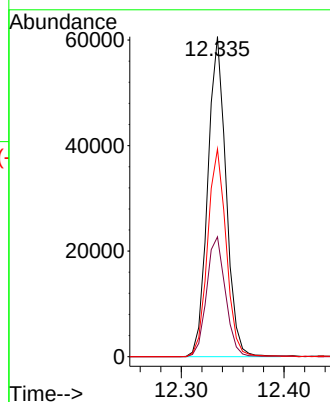
Tgt Ion:146 Resp: 75045

Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.9

148 65.8 31.8 95.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.473 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

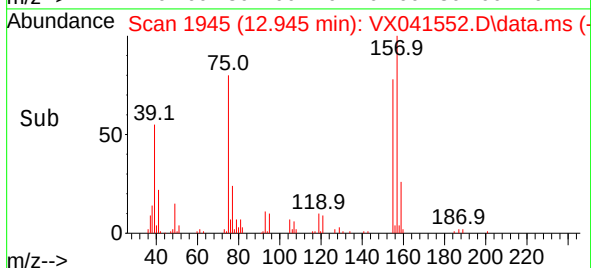
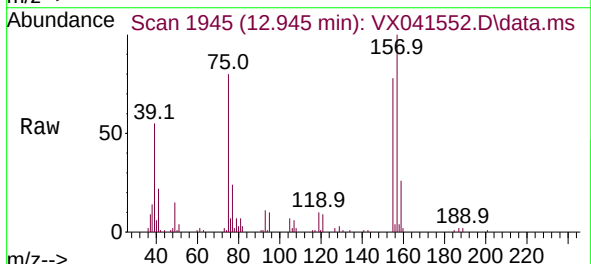
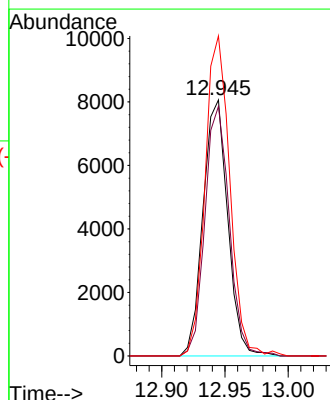
Tgt Ion: 75 Resp: 10976

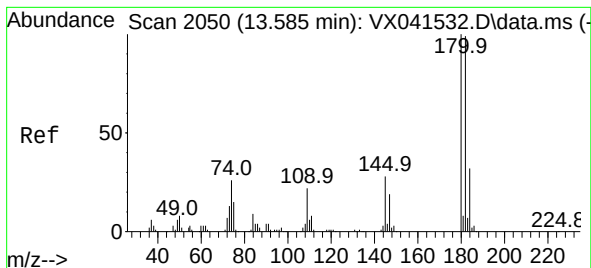
Ion Ratio Lower Upper

75 100

155 96.0 80.4 120.6

157 124.3 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 18.505 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041552.D

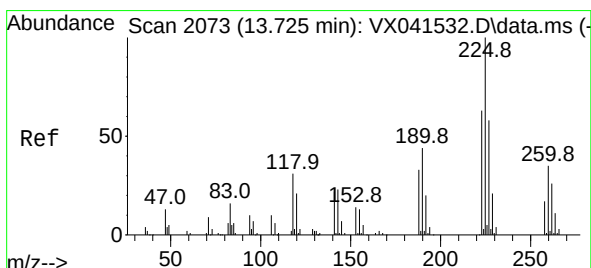
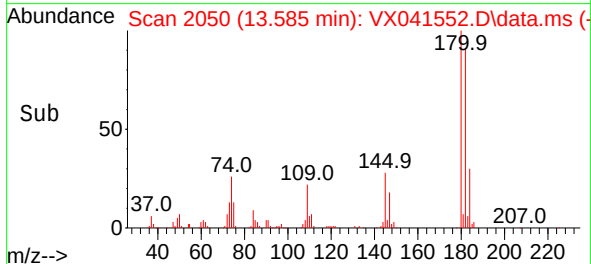
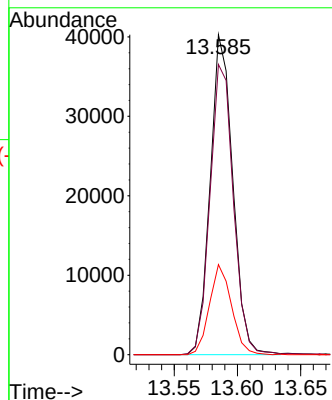
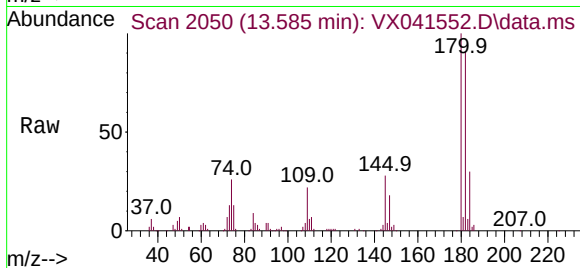
Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	49963
Ion Ratio	Lower	Upper
180	100	
182	93.7	77.0 115.4
145	27.6	22.7 34.1



#90

Hexachlorobutadiene

Concen: 18.929 ug/l

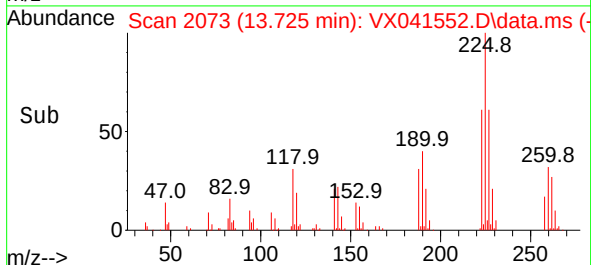
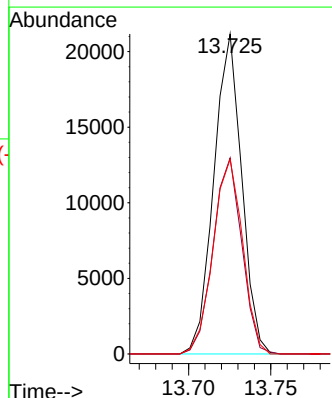
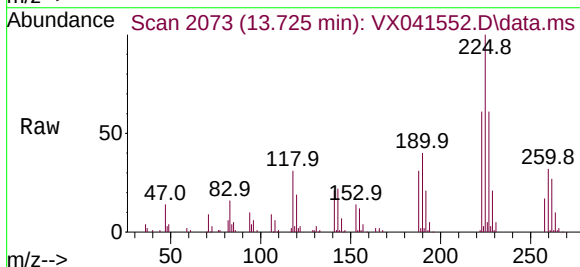
RT: 13.725 min Scan# 2073

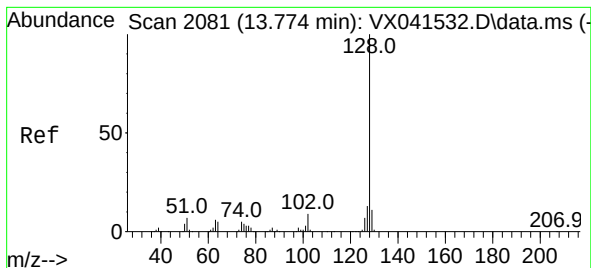
Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Tgt Ion:225	Resp:	24934
Ion Ratio	Lower	Upper
225	100	
223	63.1	0.0 125.8
227	64.2	0.0 125.6





#91

Naphthalene

Concen: 19.205 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Instrument :

MSVOA_X

ClientSampleId :

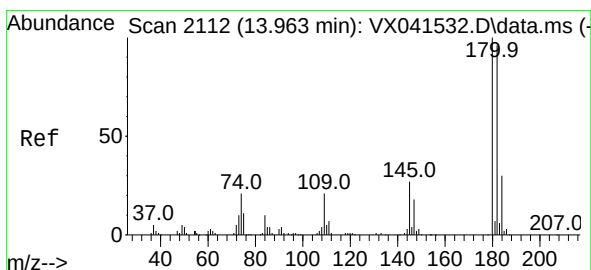
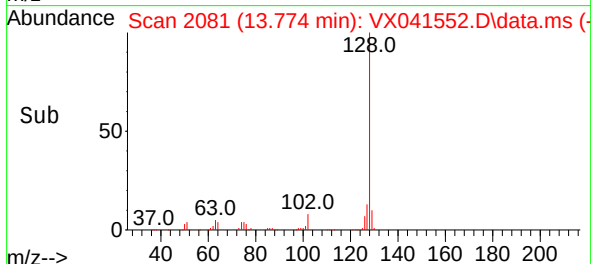
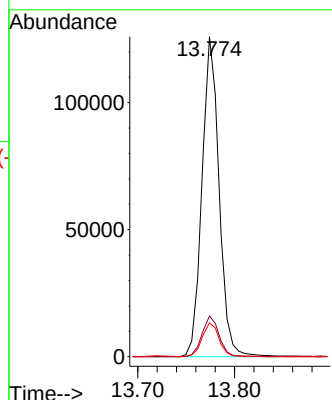
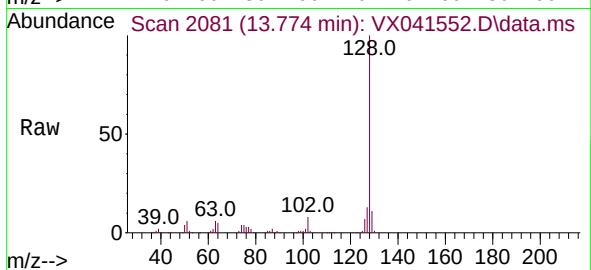
Tgt Ion:128 Resp: 154984

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.5 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 19.111 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041552.D

Acq: 16 May 2024 10:21

Tgt Ion:180 Resp: 52721

Ion Ratio Lower Upper

180 100

182 94.0 0.0 191.0

145 29.5 0.0 58.6

