

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027010.D
 Acq On : 14 Feb 2022 10:57
 Operator : JC/MD
 Sample : VSTD050662
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050662

Quant Time: Feb 15 05:00:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 15 04:56:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	133074	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	124111	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	65316	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	58972	49.925	ug/L	0.00
7) Chloroethane-d5	1.673	69	41022	54.124	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	111365	49.170	ug/L	0.00
21) 2-Butanone-d5	4.459	46	86411	105.316	ug/L	0.00
24) Chloroform-d	5.062	84	112045	50.511	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	71855	49.982	ug/L	0.00
32) Benzene-d6	5.977	84	228011	50.998	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	67228	50.620	ug/L	0.00
41) Toluene-d8	8.653	98	210136	51.369	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	31061	51.295	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	62566	108.969	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	80793	51.475	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	74800	50.416	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	61689	43.190	ug/L	100
3) Chloromethane	1.295	50	49049	43.635	ug/L	100
5) Vinyl chloride	1.380	62	48833	43.210	ug/L	100
6) Bromomethane	1.618	94	20657	42.969	ug/L	100
8) Chloroethane	1.691	64	26480	43.342	ug/L	100
9) Trichlorofluoromethane	1.892	101	67297	42.807	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	43941	43.354	ug/L	100
12) 1,1-Dichloroethene	2.325	96	40563	43.565	ug/L	100
13) Acetone	2.386	43	59418	86.048	ug/L	100
14) Carbon disulfide	2.520	76	119400	43.288	ug/L	100
15) Methyl Acetate	2.703	43	47590	44.614	ug/L	100
16) Methylene chloride	2.794	84	44475	43.595	ug/L	100
17) trans-1,2-Dichloroethene	3.099	96	43043	43.690	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	132703	43.892	ug/L	100
19) 1,1-Dichloroethane	3.617	63	76386	43.470	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	47404	43.848	ug/L	100
22) 2-Butanone	4.556	43	77881	88.057	ug/L	100
23) Bromochloromethane	4.904	128	24191	43.819	ug/L	100
25) Chloroform	5.099	83	82233	43.748	ug/L	100
27) 1,2-Dichloroethane	6.092	62	62750	43.160	ug/L	100
29) Cyclohexane	5.477	56	75326	44.269	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	70967	43.941	ug/L	100
31) Carbon tetrachloride	5.684	117	62374	43.536	ug/L	100
33) Benzene	6.044	78	177264	44.203	ug/L	100
34) Trichloroethene	7.129	95	50486	44.011	ug/L	100
35) Methylcyclohexane	7.385	83	77602	44.765	ug/L	100
37) 1,2-Dichloropropane	7.434	63	43539	43.168	ug/L	100
38) Bromodichloromethane	7.824	83	59715	44.108	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	67643	44.749	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	131595	91.789	ug/L	100
42) Toluene	8.720	91	189994	44.127	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	64091	45.115	ug/L	100

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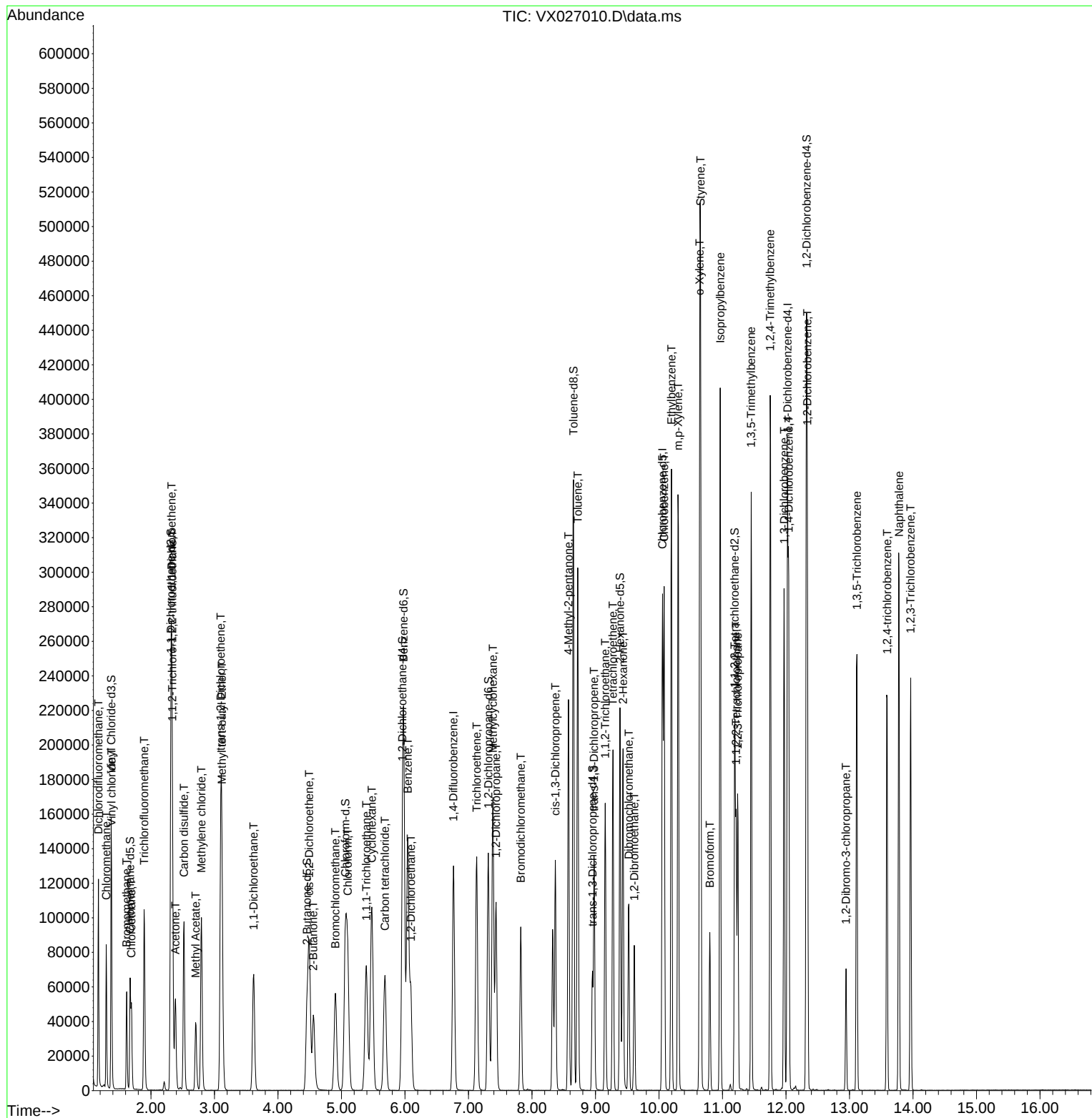
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	43495	44.105	ug/L	100
46) Tetrachloroethene	9.275	164	37148	43.738	ug/L	100
48) 2-Hexanone	9.433	43	107227	92.381	ug/L	100
49) Dibromochloromethane	9.525	129	47974	44.359	ug/L	100
50) 1,2-Dibromoethane	9.610	107	45729	44.171	ug/L	100
51) Chlorobenzene	10.080	112	122454	44.414	ug/L	100
52) Ethylbenzene	10.195	91	205229	44.312	ug/L	100
53) m,p-Xylene	10.299	106	80806	44.255	ug/L	100
54) o-Xylene	10.640	106	78312	44.836	ug/L	100
55) Styrene	10.653	104	134622	45.511	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	57906	44.344	ug/L	100
59) Bromoform	10.799	173	32517	43.385	ug/L	100
60) Isopropylbenzene	10.964	105	207622	43.996	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	53803	43.429	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	145830	44.802	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	178020	45.033	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	92143	43.893	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	92175	43.633	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	88700	43.703	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	13024	43.292	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	63418	43.961	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	55366	43.471	ug/L	100
71) Naphthalene	13.780	128	191294	45.109	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	54820	43.049	ug/L	100

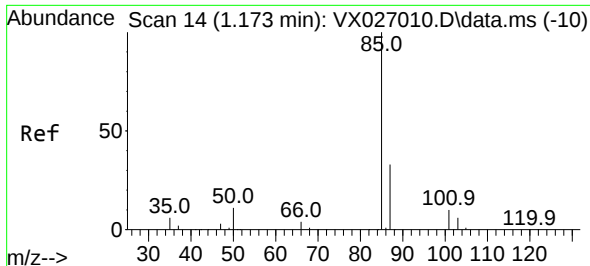
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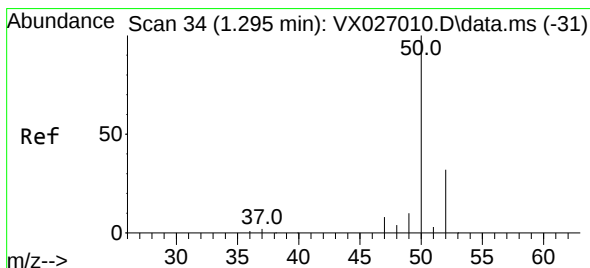
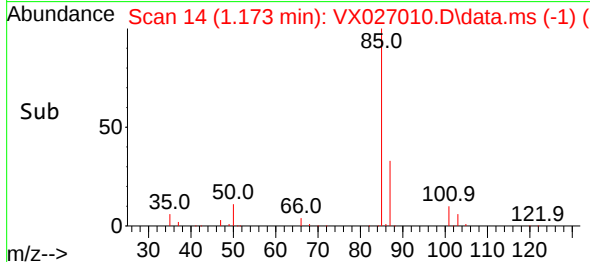
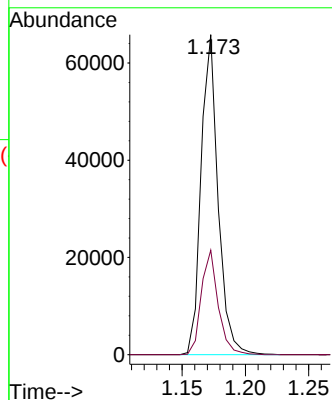
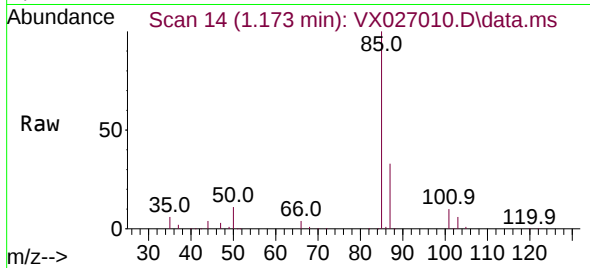




#2
 Dichlorodifluoromethane
 Concen: 43.190 ug/L
 RT: 1.173 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX027010.D
 Acq: 14 Feb 2022 10:57

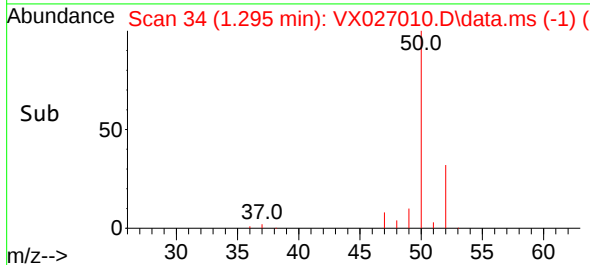
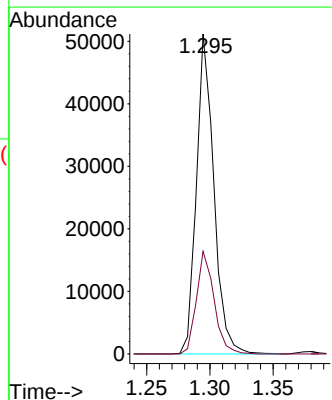
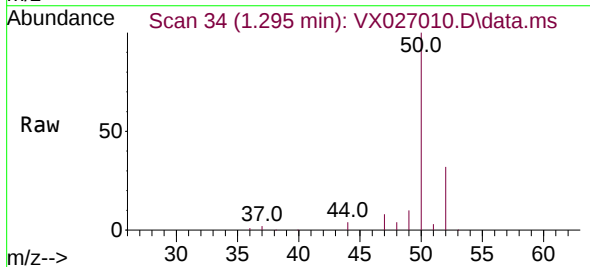
Instrument :
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 ClientSampleId :
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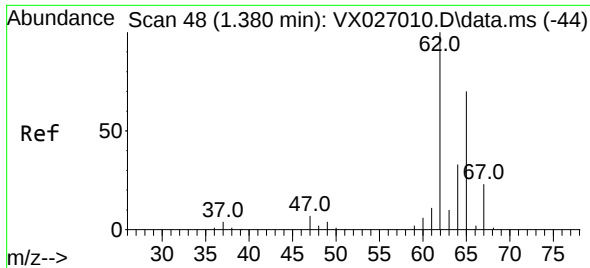
Tgt Ion: 85 Resp: 61689
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 43.635 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX027010.D
 Acq: 14 Feb 2022 10:57

Tgt Ion: 50 Resp: 49049
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.5 41.7

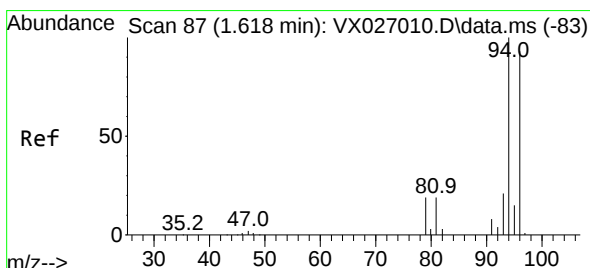
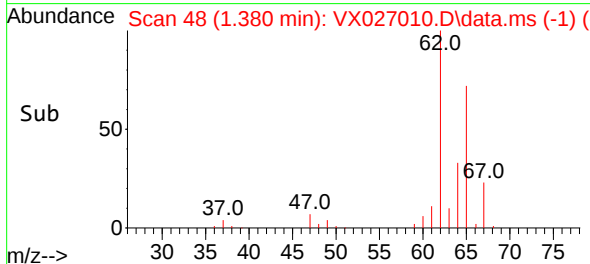
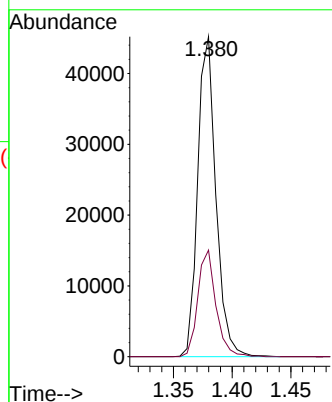
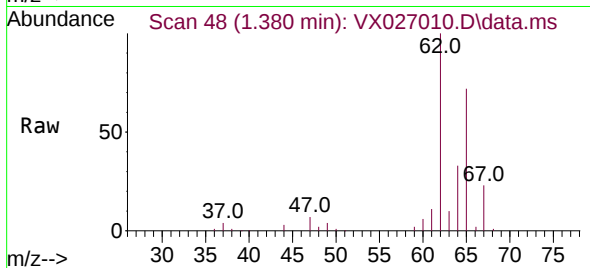




#5
 Vinyl chloride
 Concen: 43.210 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VX027010.D
 Acq: 14 Feb 2022 10:57

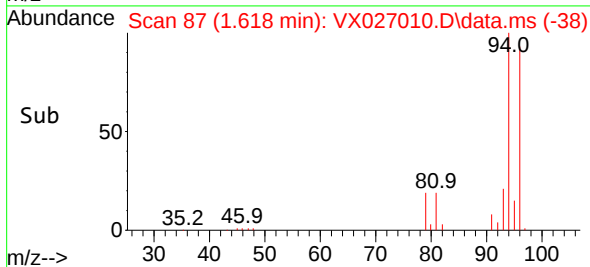
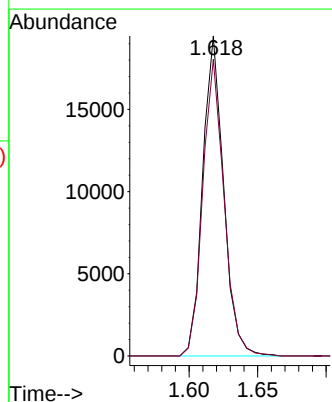
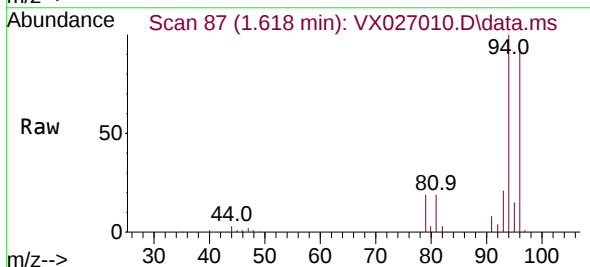
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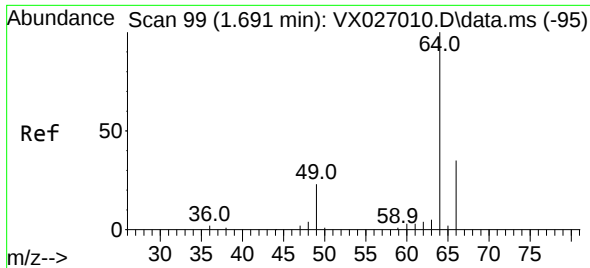
Tgt Ion: 62 Resp: 48833
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.3 43.3



#6
 Bromomethane
 Concen: 42.969 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX027010.D
 Acq: 14 Feb 2022 10:57

Tgt Ion: 94 Resp: 20657
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.9 120.5

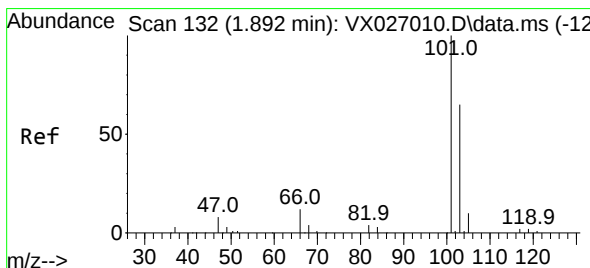
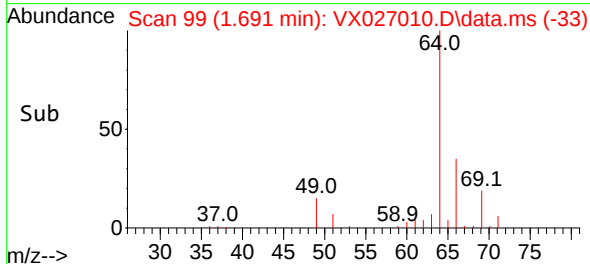
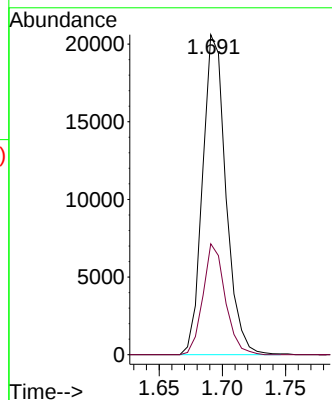
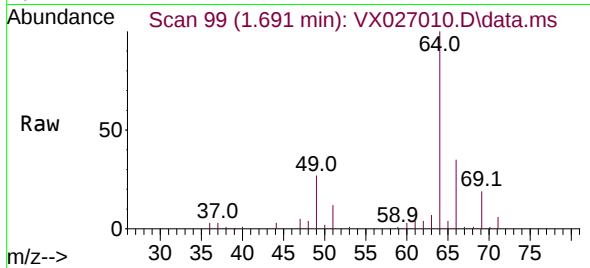




#8
Chloroethane
Concen: 43.342 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

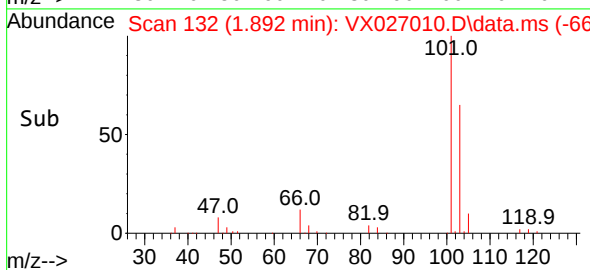
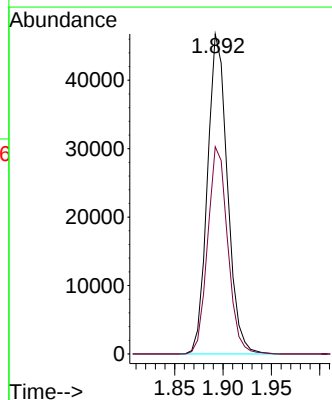
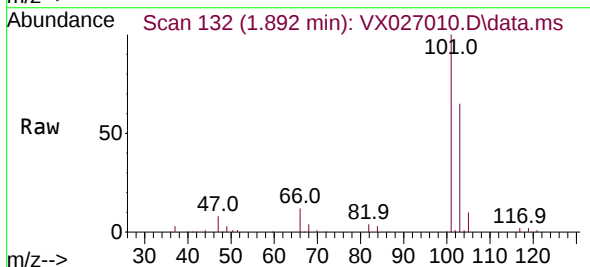
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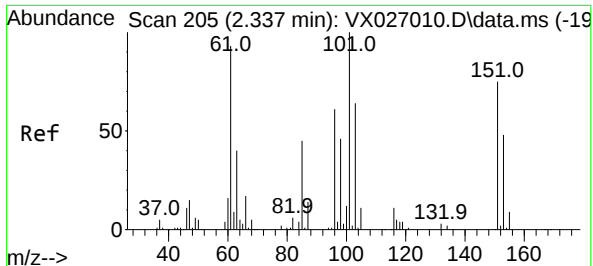
Tgt Ion: 64 Resp: 26480
Ion Ratio Lower Upper
64 100
66 34.6 24.2 45.0



#9
Trichlorofluoromethane
Concen: 42.807 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion:101 Resp: 67297
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

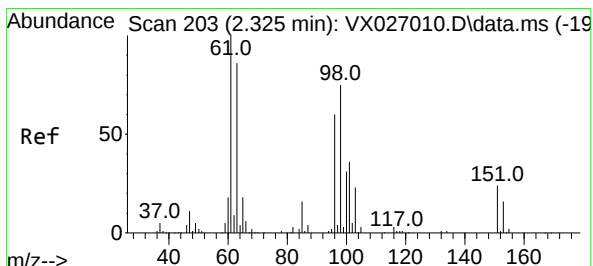
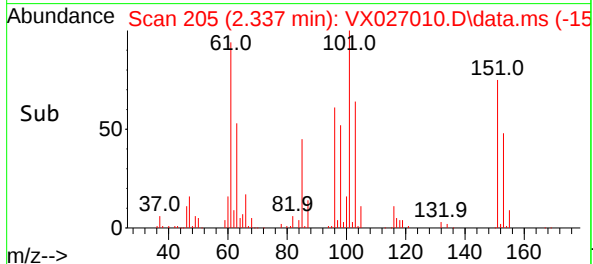
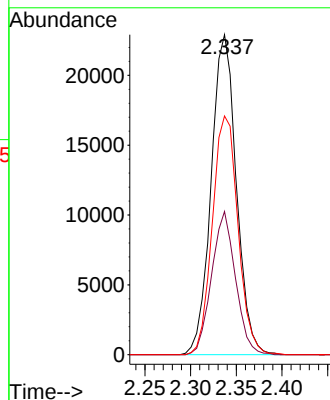
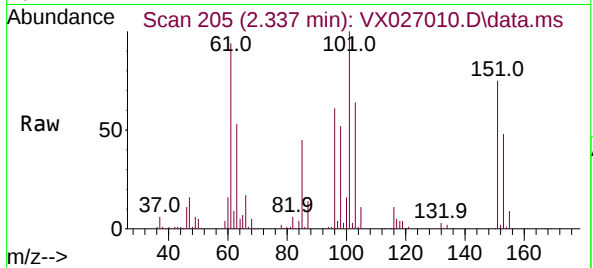




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.354 ug/L
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

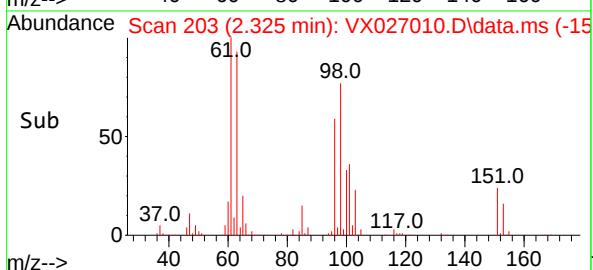
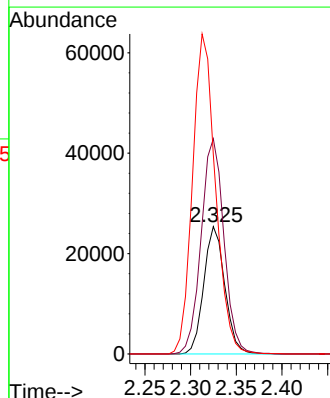
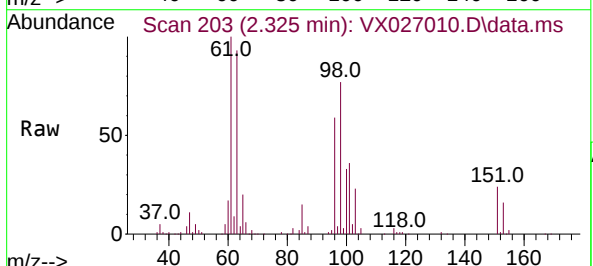
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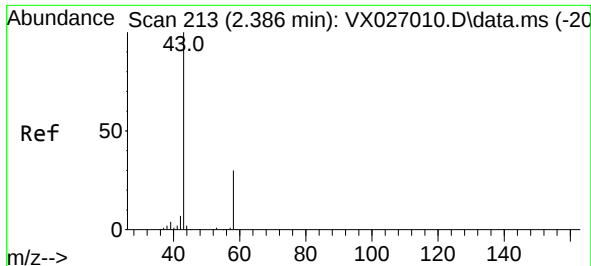
Tgt Ion:101 Resp: 43941
Ion Ratio Lower Upper
101 100
85 42.4 33.9 50.9
151 75.9 60.7 91.1



#12
1,1-Dichloroethene
Concen: 43.565 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion: 96 Resp: 40563
Ion Ratio Lower Upper
96 100
61 168.8 118.2 219.4
63 156.5 109.6 203.4





#13

Acetone

Concen: 86.048 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX027010.D

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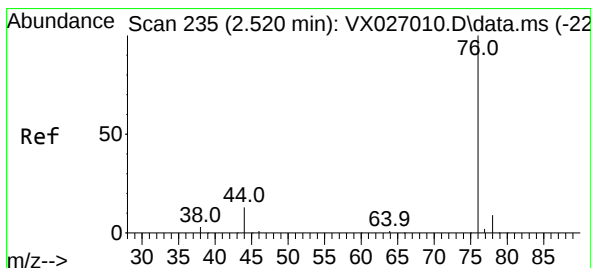
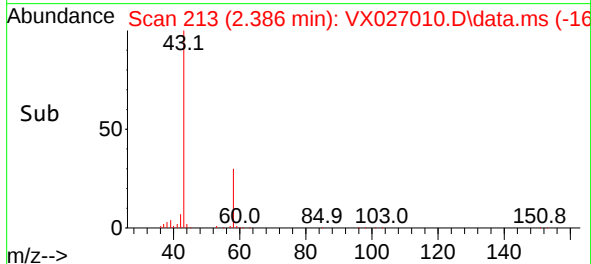
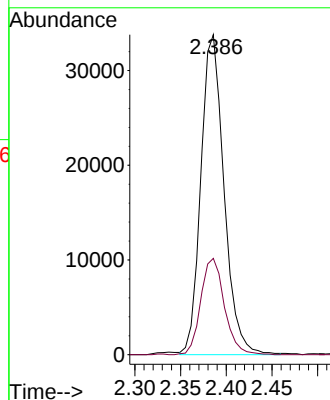
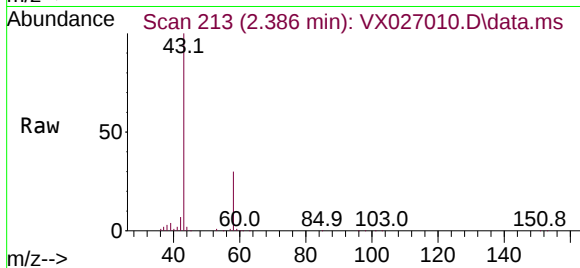
VSTD050662

Tgt Ion: 43 Resp: 59418

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.4



#14

Carbon disulfide

Concen: 43.288 ug/L

RT: 2.520 min Scan# 235

Delta R.T. 0.000 min

Lab File: VX027010.D

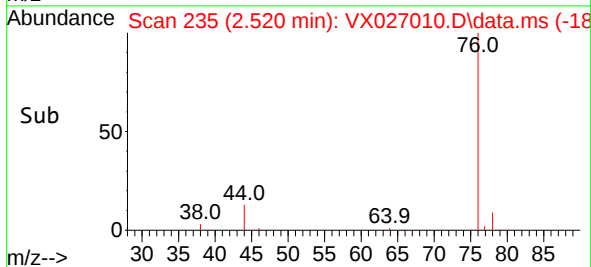
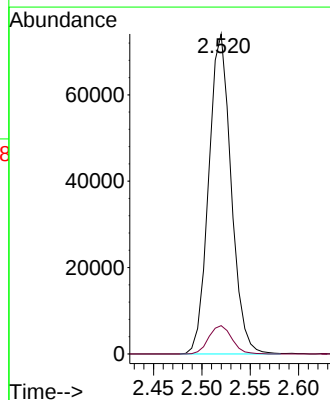
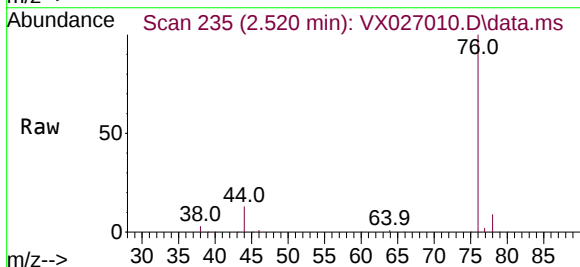
Acq: 14 Feb 2022 10:57

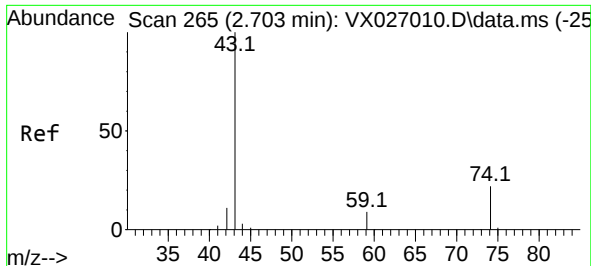
Tgt Ion: 76 Resp: 119400

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

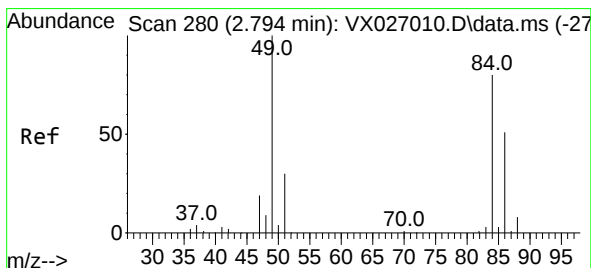
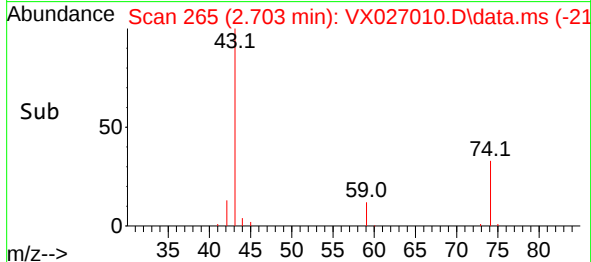
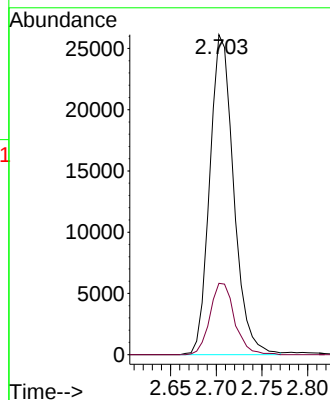
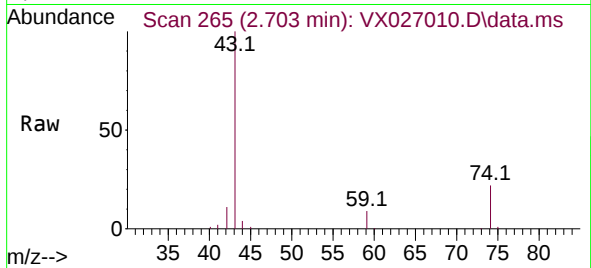




#15
Methyl Acetate
Concen: 44.614 ug/L
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

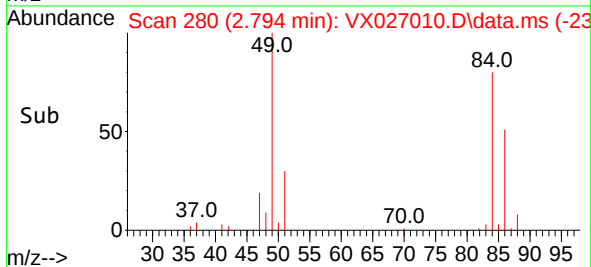
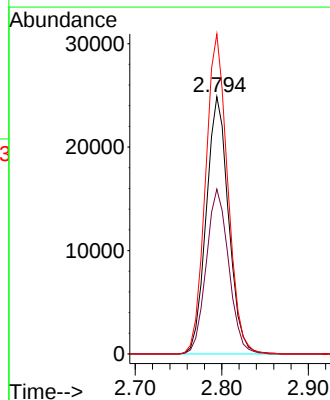
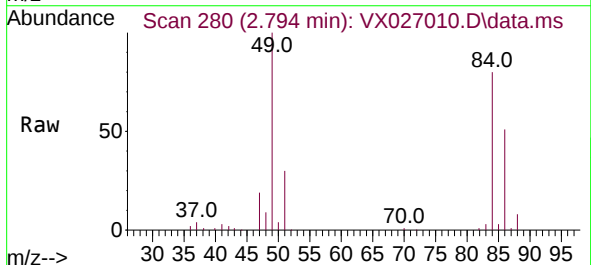
Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

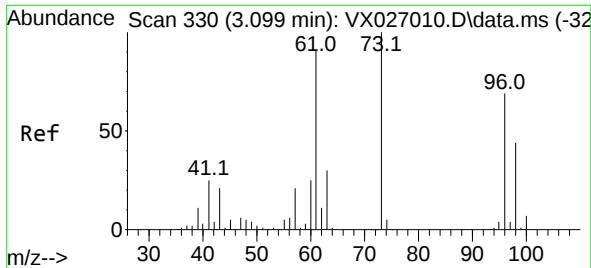
Tgt Ion: 43 Resp: 47590
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4



#16
Methylene chloride
Concen: 43.595 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion: 84 Resp: 44475
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 124.3 87.0 161.6

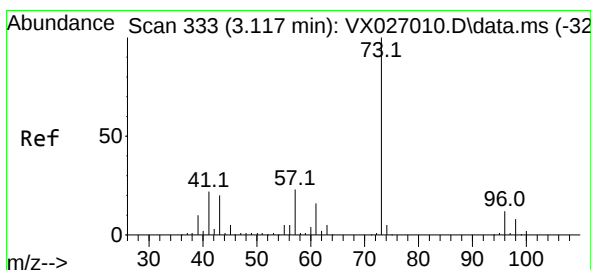
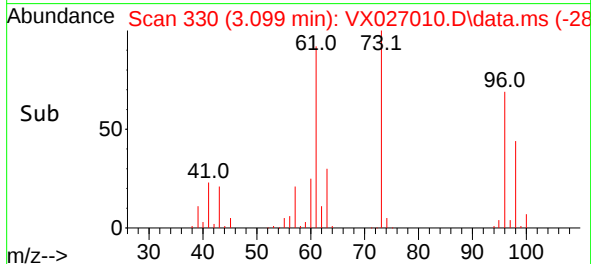
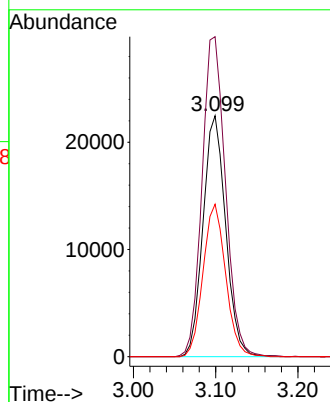
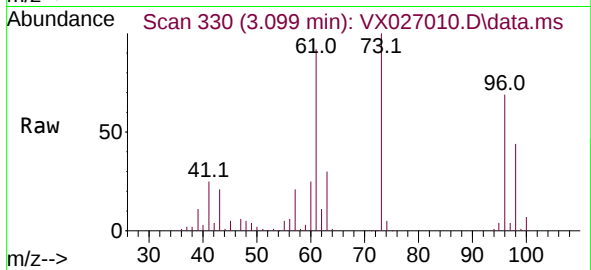




#17
trans-1,2-Dichloroethene
Concen: 43.690 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

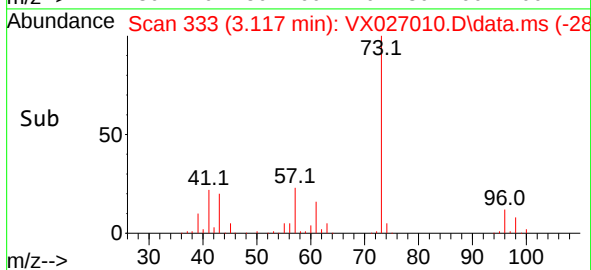
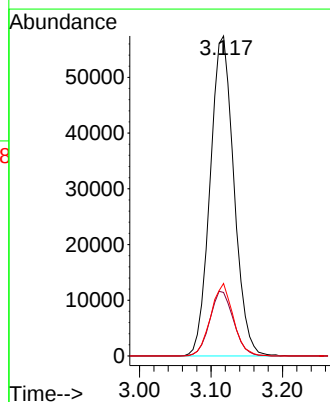
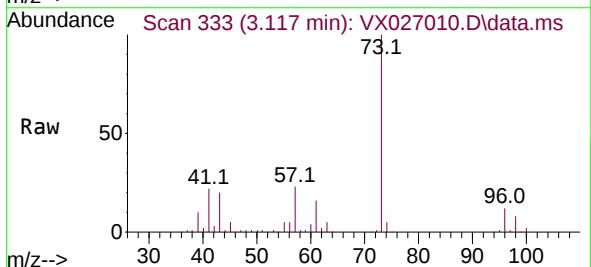
Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

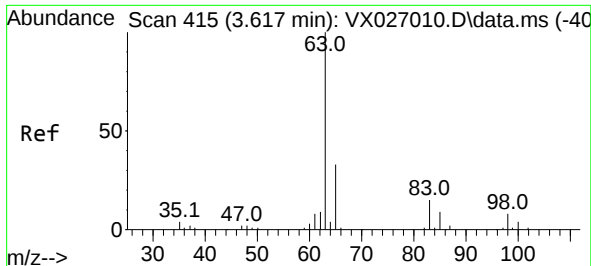
Tgt Ion: 96 Resp: 43043
Ion Ratio Lower Upper
96 100
61 132.8 93.0 172.6
98 63.3 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 43.892 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion: 73 Resp: 132703
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 21.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 43.470 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTD050662

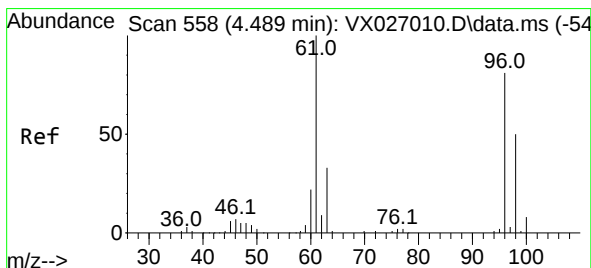
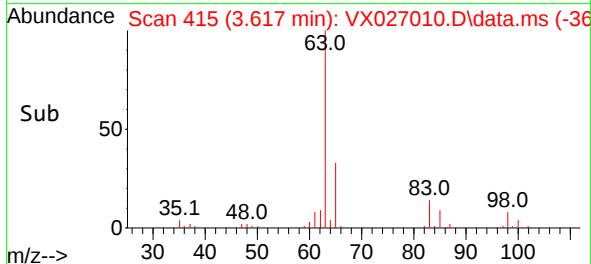
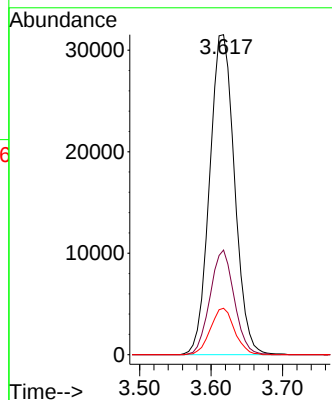
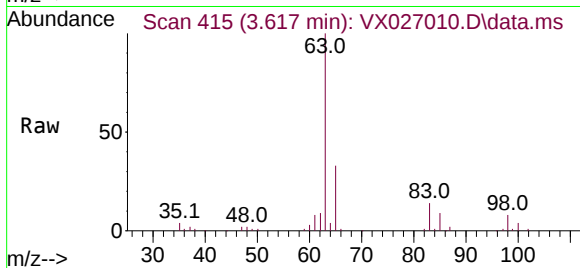
Tgt Ion: 63 Resp: 76386

Ion Ratio Lower Upper

63 100

65 32.7 22.9 42.5

83 14.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 43.848 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

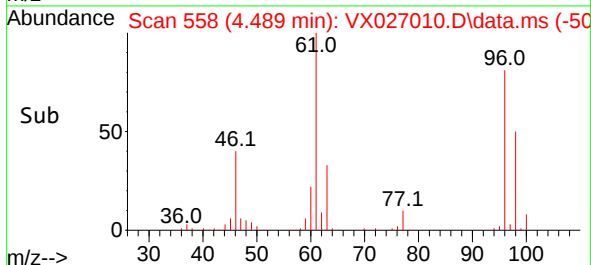
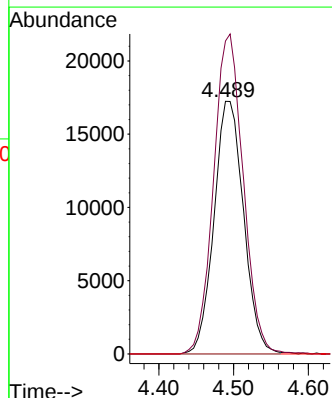
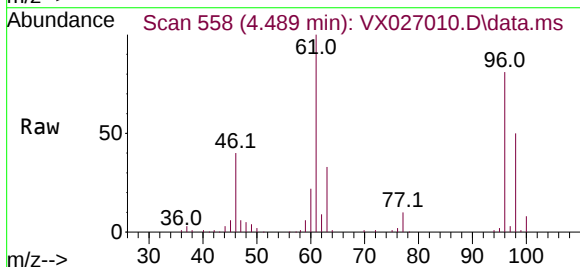
Tgt Ion: 96 Resp: 47404

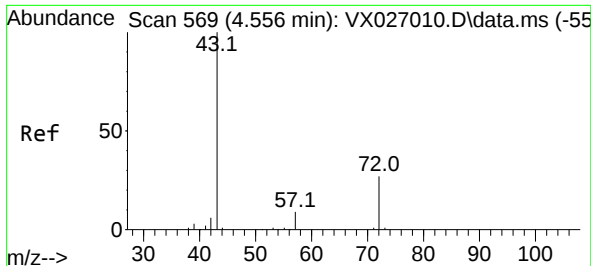
Ion Ratio Lower Upper

96 100

61 123.9 86.7 161.1

68 0.0 0.0 0.0

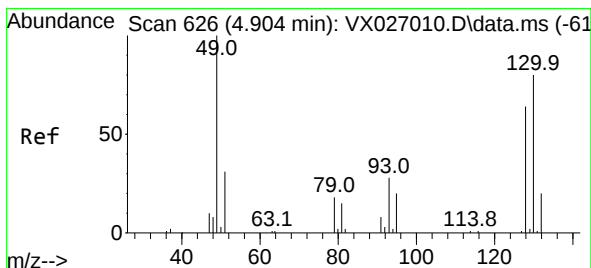
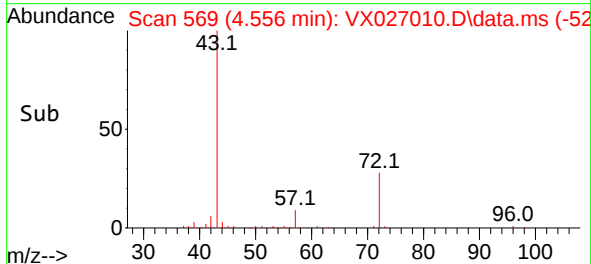
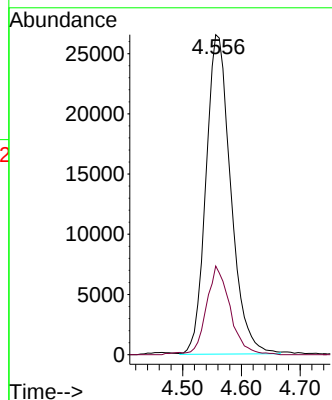
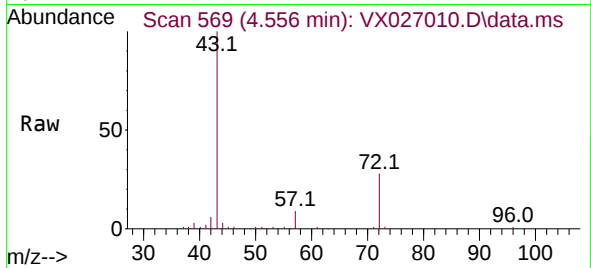




#22
2-Butanone
Concen: 88.057 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

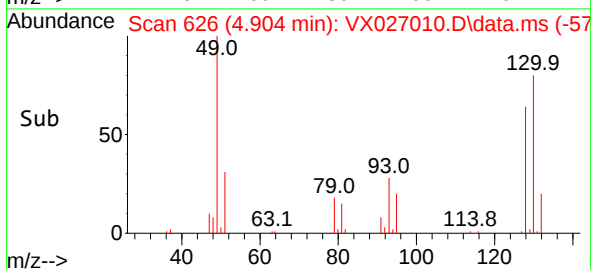
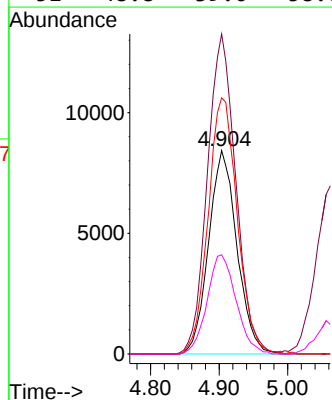
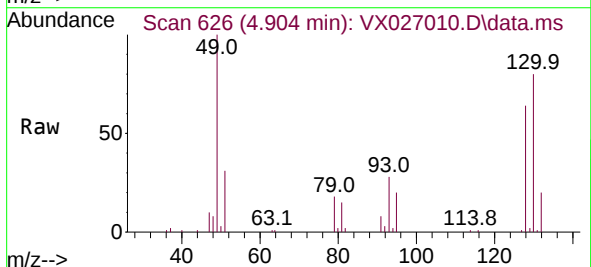
Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

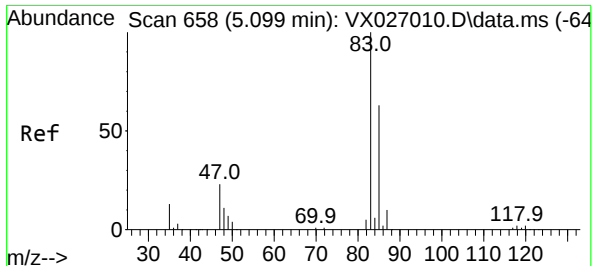
Tgt Ion: 43 Resp: 77881
Ion Ratio Lower Upper
43 100
72 26.3 13.2 39.5



#23
Bromochloromethane
Concen: 43.819 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion: 128 Resp: 24191
Ion Ratio Lower Upper
128 100
49 157.4 110.2 204.6
130 126.0 88.2 163.8
51 48.8 39.0 58.6





#25

Chloroform

Concen: 43.748 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

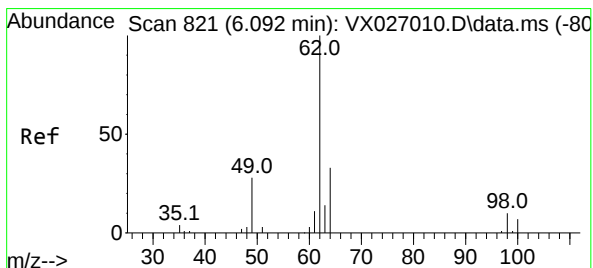
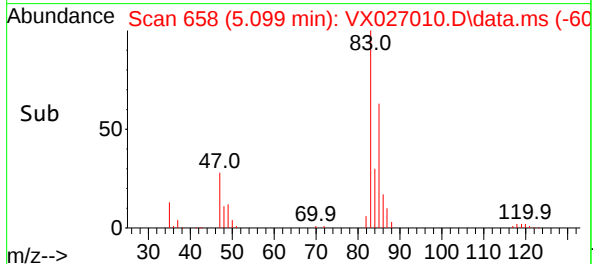
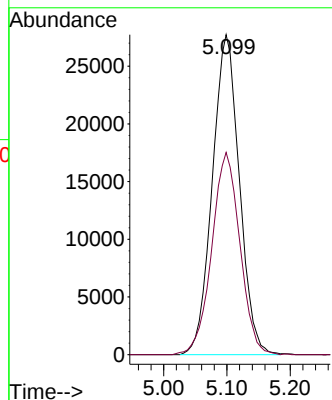
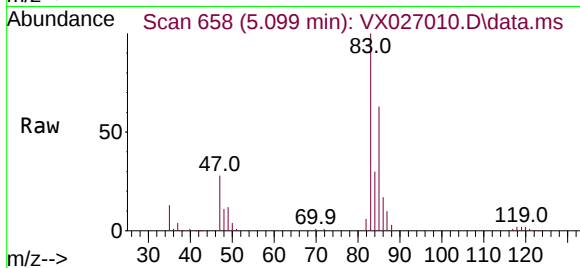
VSTD050662

Tgt Ion: 83 Resp: 82233

Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.2



#27

1,2-Dichloroethane

Concen: 43.160 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX027010.D

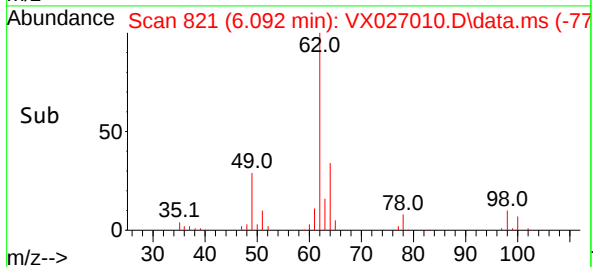
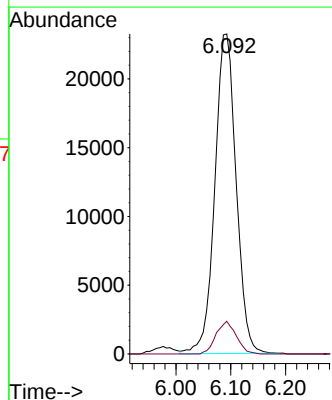
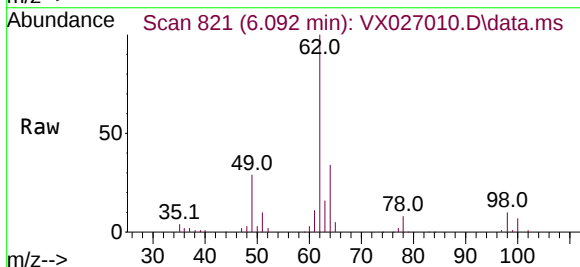
Acq: 14 Feb 2022 10:57

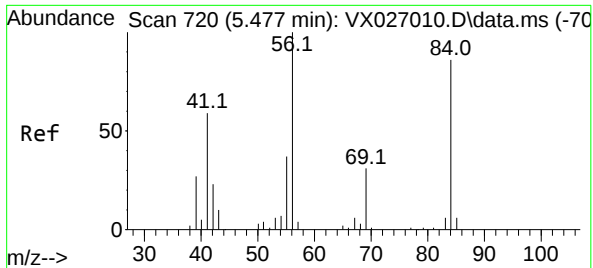
Tgt Ion: 62 Resp: 62750

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2

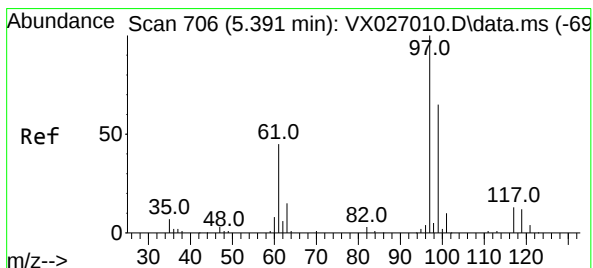
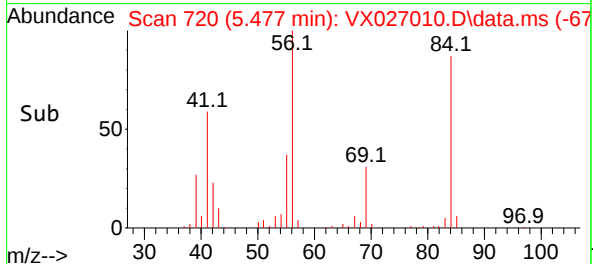
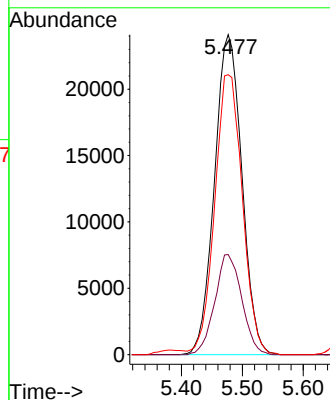
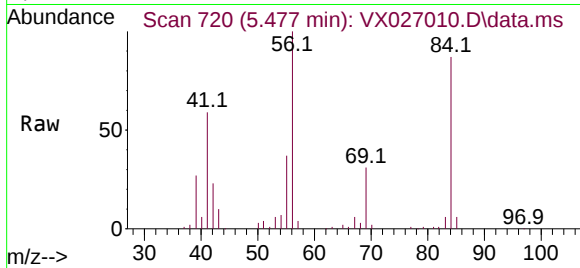




#29
Cyclohexane
Concen: 44.269 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

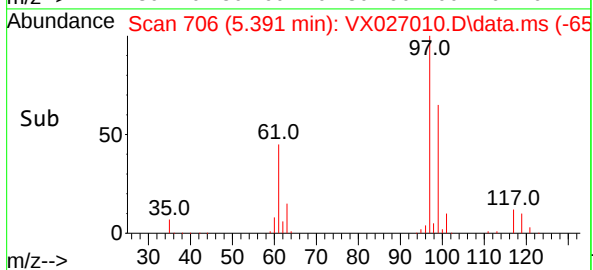
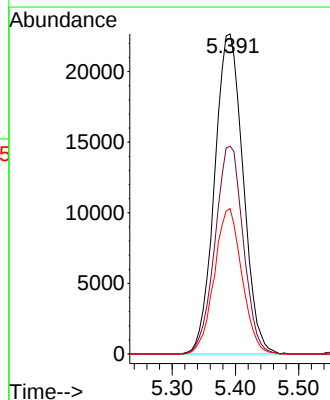
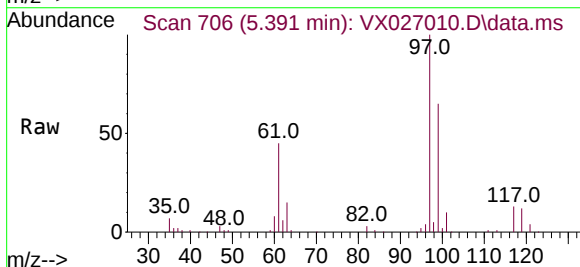
Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

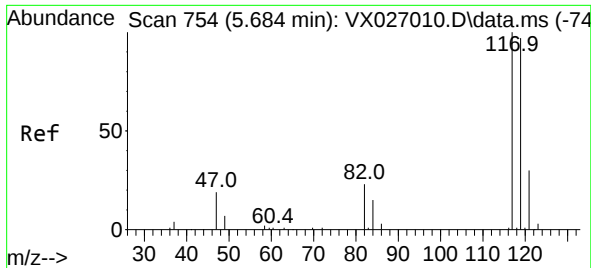
Tgt Ion:	56	Resp:	75326
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	36.8
84	87.3	69.8	104.8



#30
1,1,1-Trichloroethane
Concen: 43.941 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion:	97	Resp:	70967
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	44.0	35.2	52.8

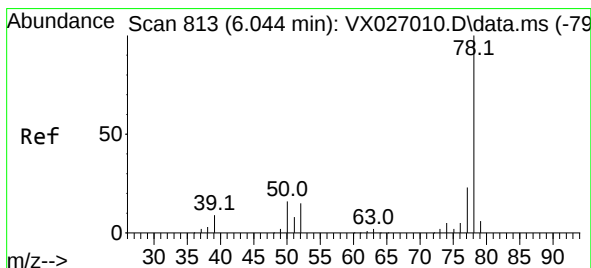
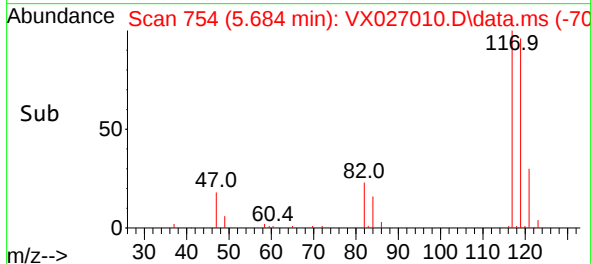
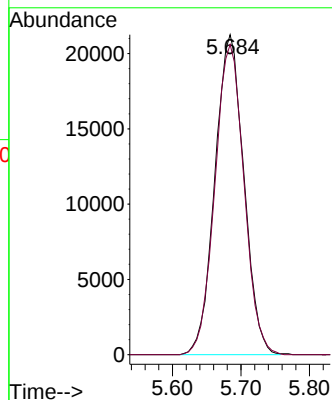
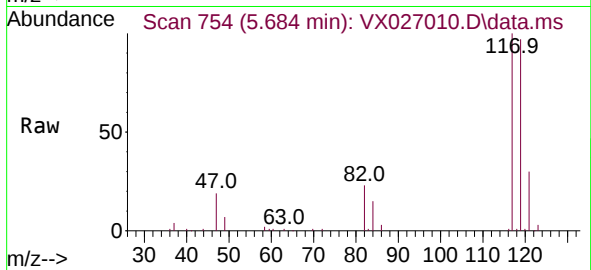




#31
Carbon tetrachloride
Concen: 43.536 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

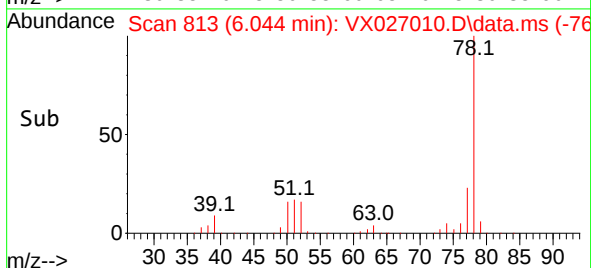
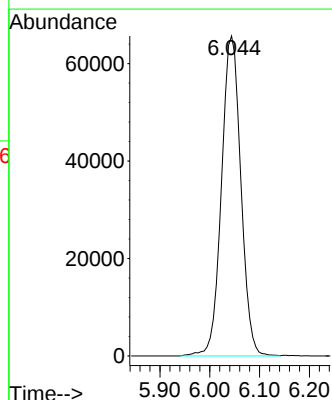
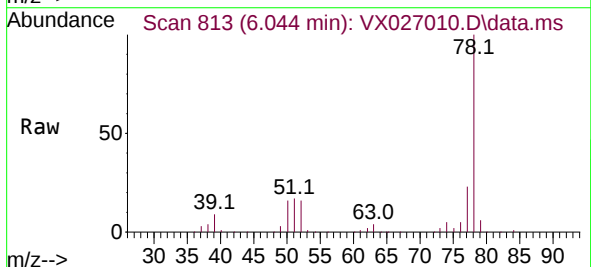
Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

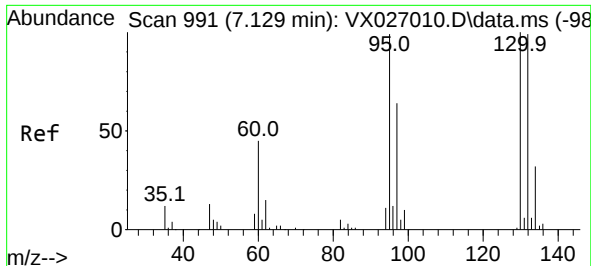
Tgt Ion:117 Resp: 62374
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8



#33
Benzene
Concen: 44.203 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion: 78 Resp: 177264

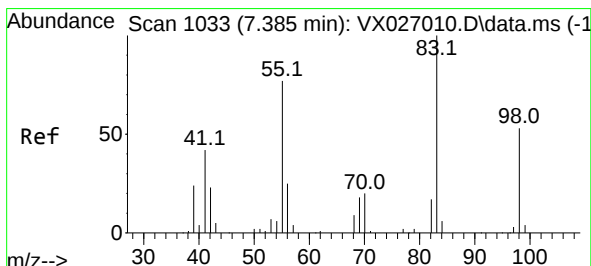
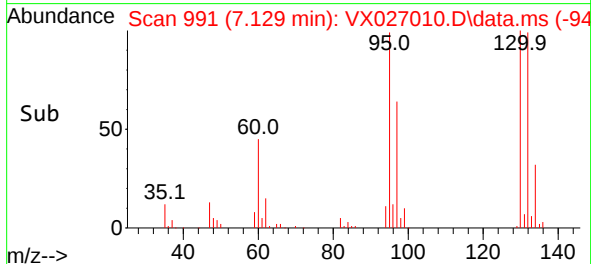
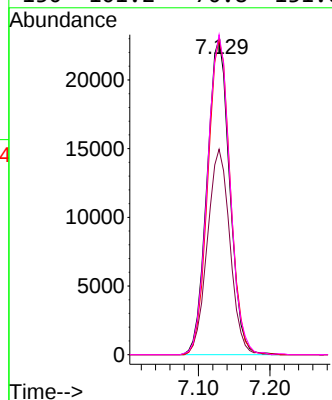
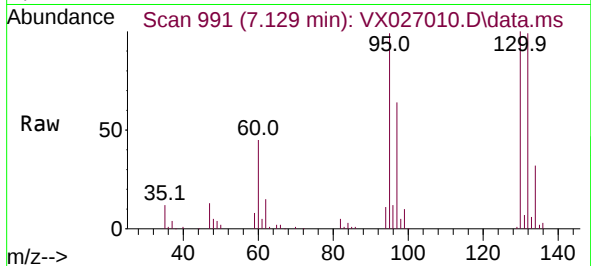




#34
Trichloroethene
Concen: 44.011 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

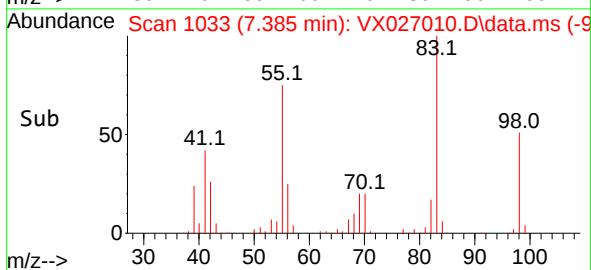
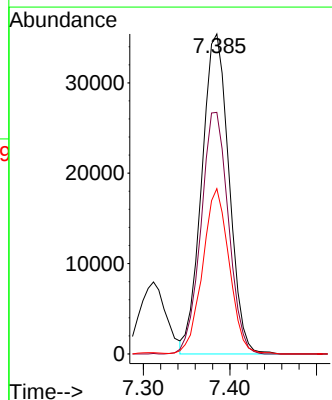
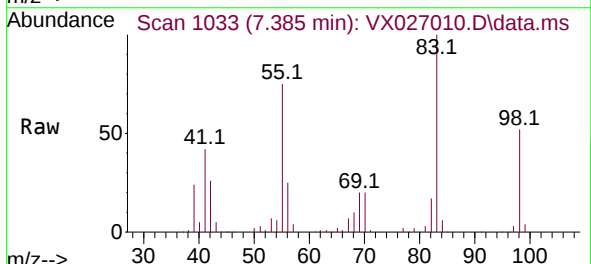
Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

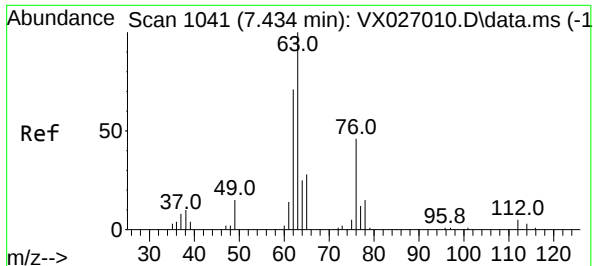
Tgt Ion: 95 Resp: 50486
Ion Ratio Lower Upper
95 100
97 65.0 45.5 84.5
132 99.8 69.9 129.7
130 101.2 70.8 131.6



#35
Methylcyclohexane
Concen: 44.765 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion: 83 Resp: 77602
Ion Ratio Lower Upper
83 100
55 75.7 60.6 90.8
98 49.8 39.8 59.8





#37

1,2-Dichloropropane

Concen: 43.168 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

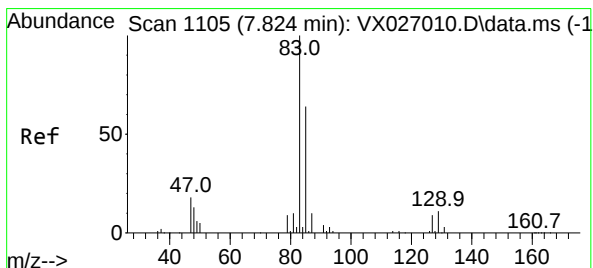
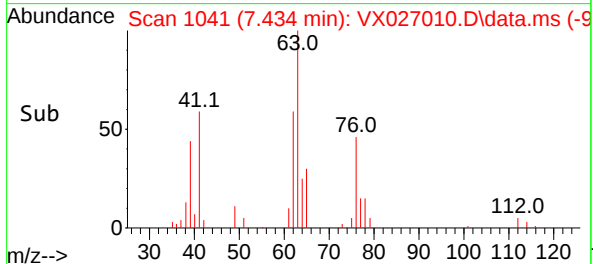
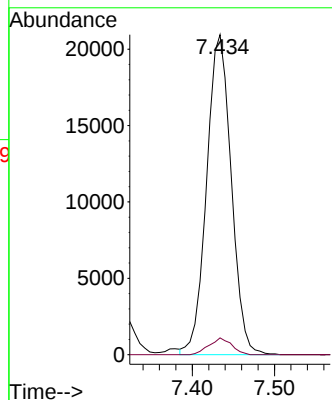
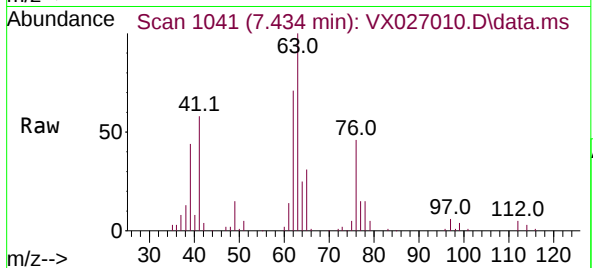
VSTD050662

Tgt Ion: 63 Resp: 43539

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 44.108 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

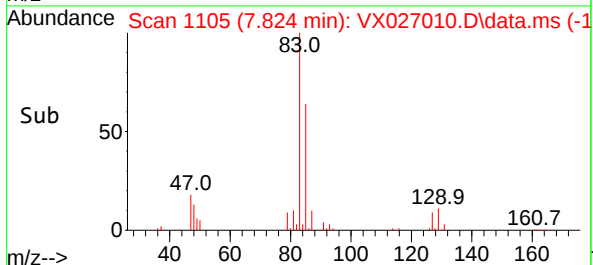
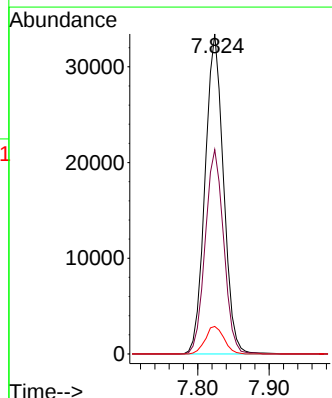
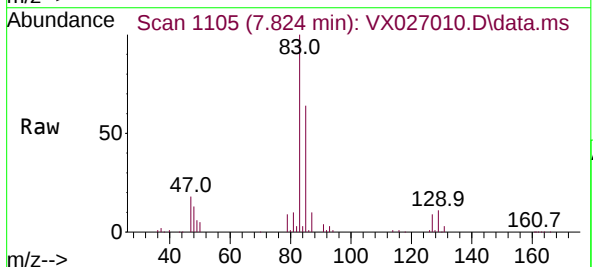
Tgt Ion: 83 Resp: 59715

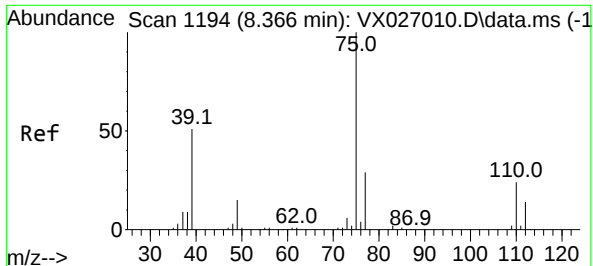
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 44.749 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

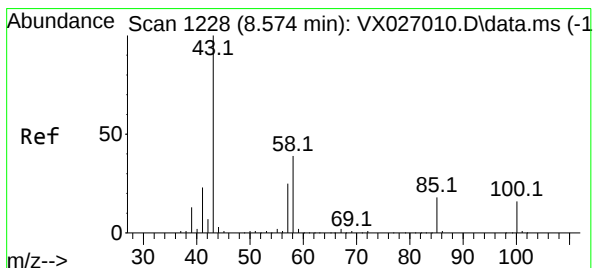
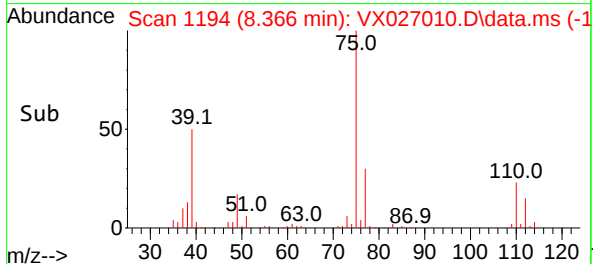
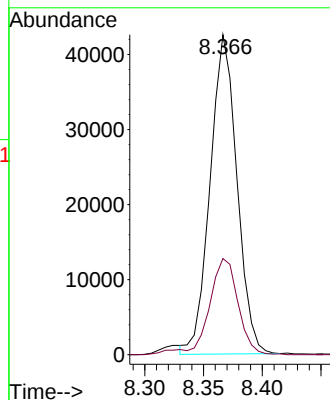
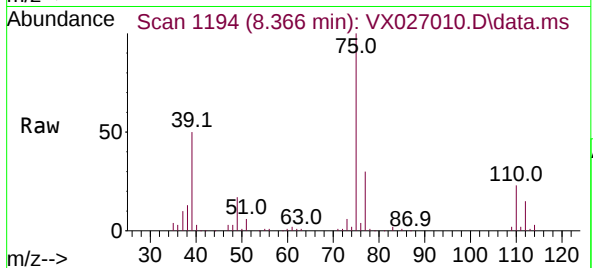
VSTD050662

Tgt Ion: 75 Resp: 67643

Ion Ratio Lower Upper

75 100

77 30.1 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 91.789 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

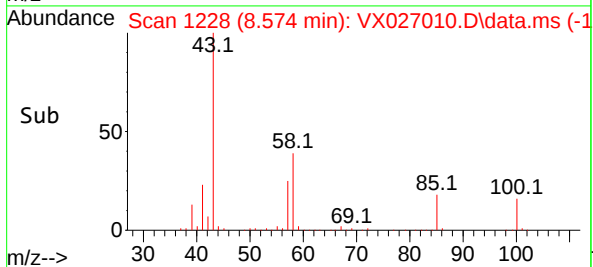
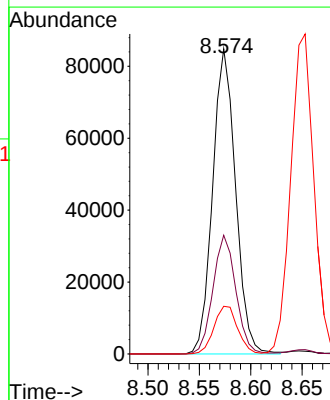
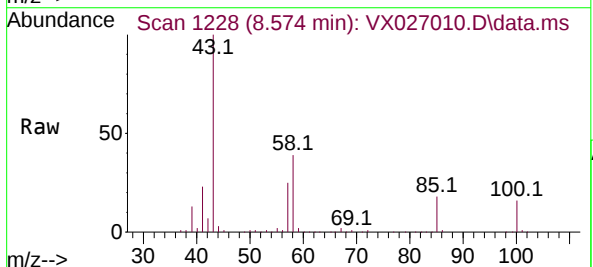
Tgt Ion: 43 Resp: 131595

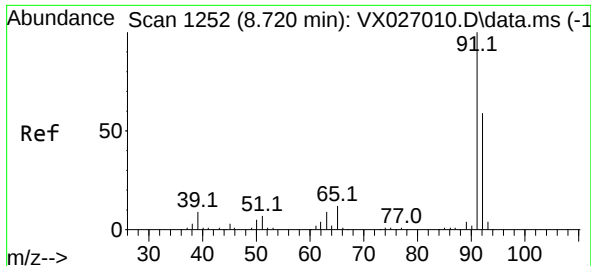
Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.6

100 16.2 13.0 19.4





#42

Toluene

Concen: 44.127 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

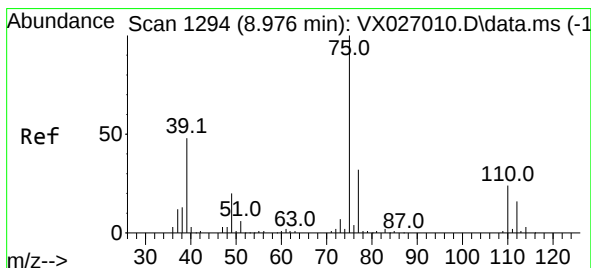
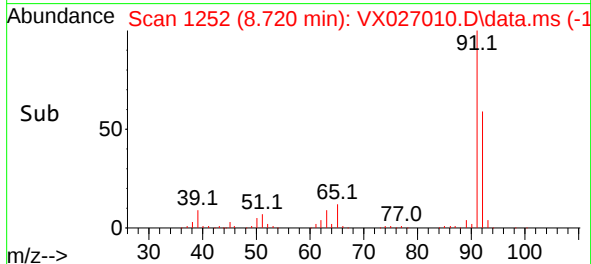
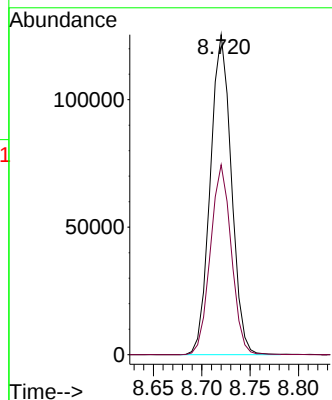
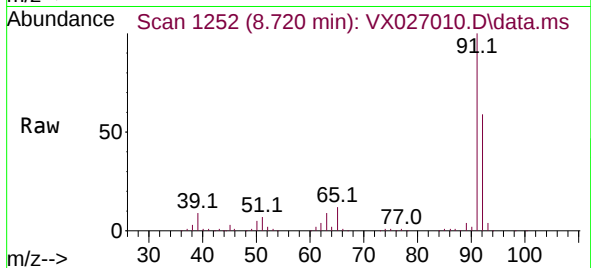
VSTD050662

Tgt Ion: 91 Resp: 189994

Ion Ratio Lower Upper

91 100

92 59.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 45.115 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX027010.D

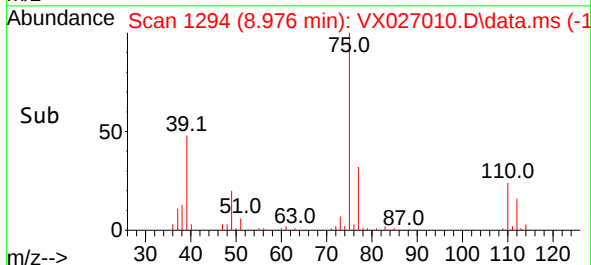
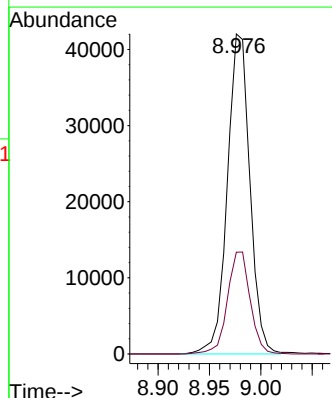
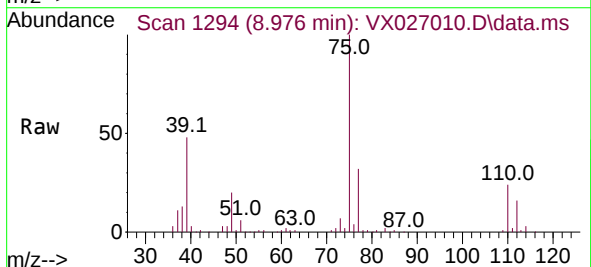
Acq: 14 Feb 2022 10:57

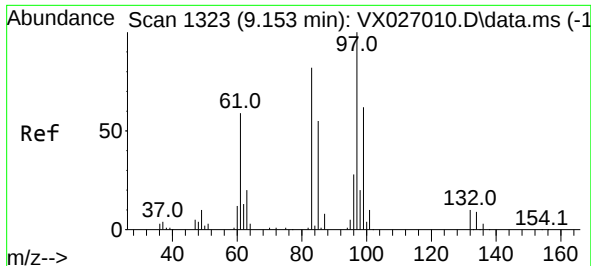
Tgt Ion: 75 Resp: 64091

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 44.105 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTD050662

Tgt Ion: 97 Resp: 43495

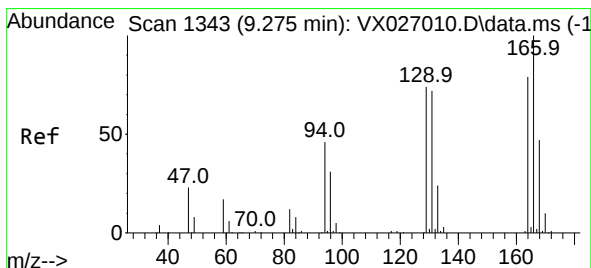
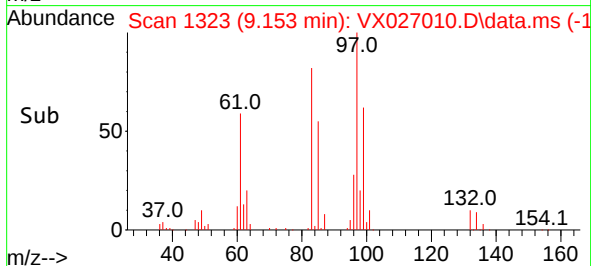
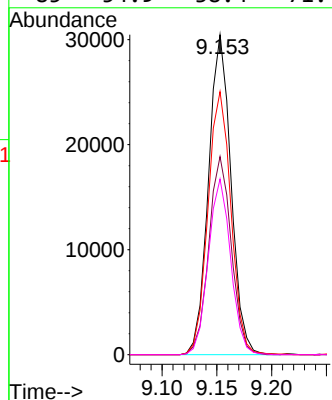
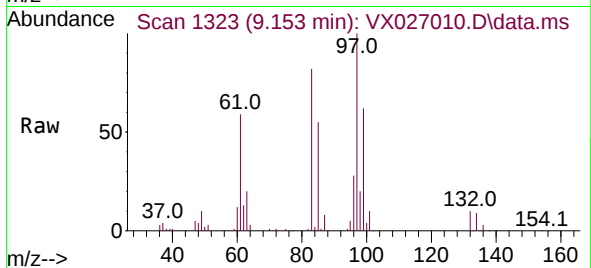
Ion Ratio Lower Upper

97 100

99 61.9 43.3 80.5

83 82.2 57.5 106.9

85 54.9 38.4 71.4



#46

Tetrachloroethene

Concen: 43.738 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Tgt Ion:164 Resp: 37148

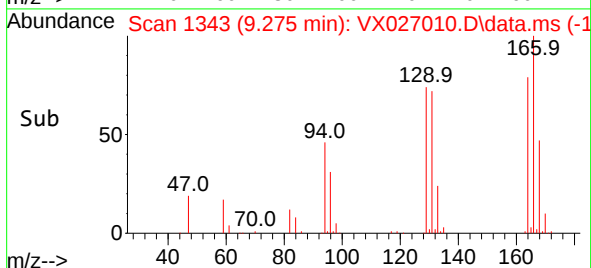
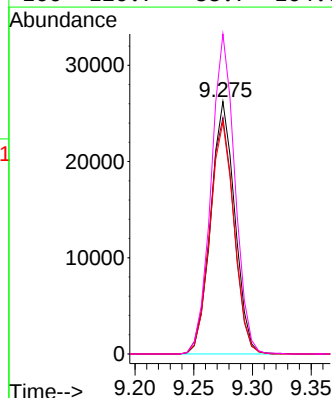
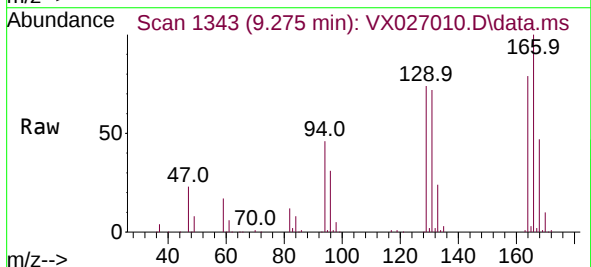
Ion Ratio Lower Upper

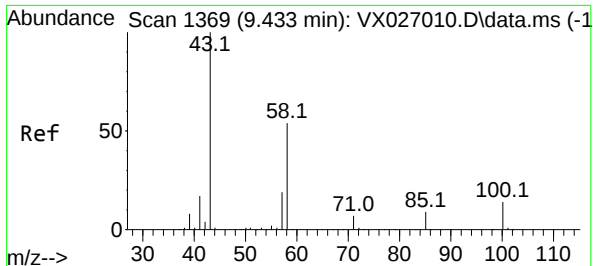
164 100

129 93.6 65.5 121.7

131 91.8 64.3 119.3

166 126.7 88.7 164.7



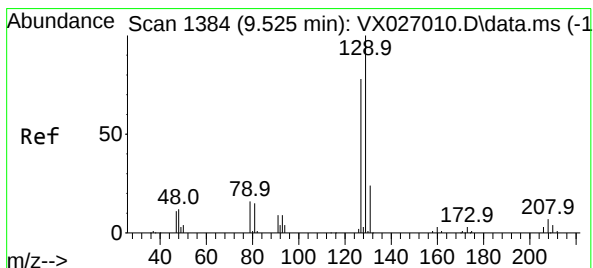
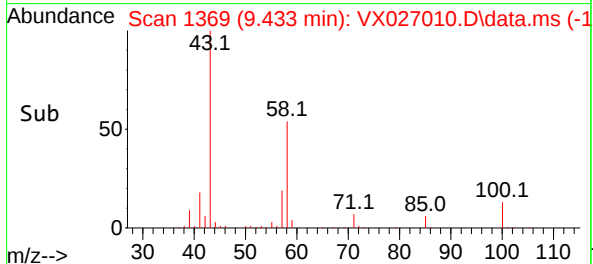
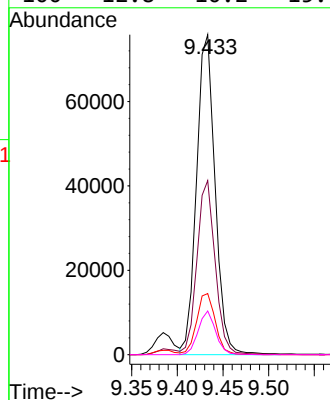
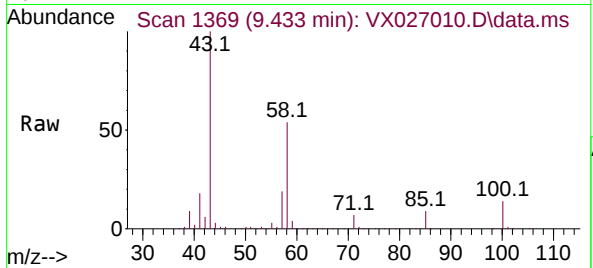


#48
2-Hexanone
Concen: 92.381 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

Tgt Ion: 43 Resp: 107227

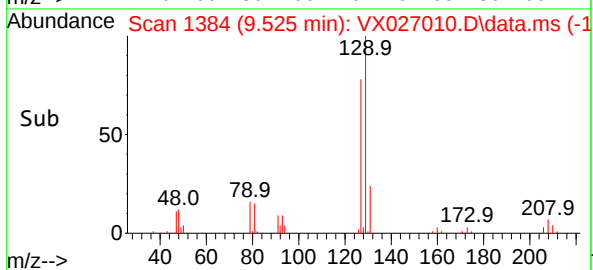
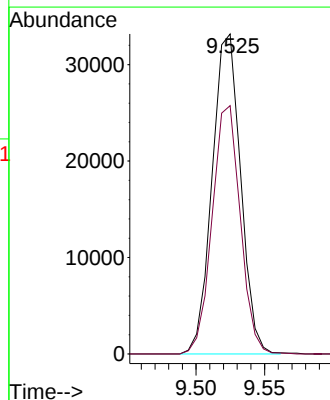
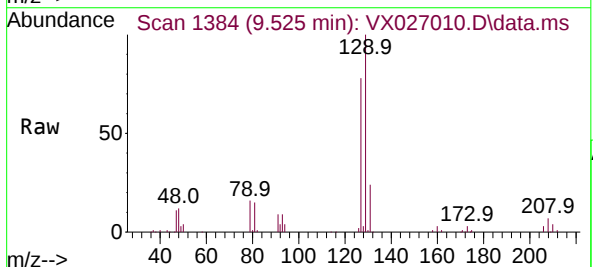
Ion	Ratio	Lower	Upper
43	100		
58	53.6	42.9	64.3
57	19.1	15.3	22.9
100	12.8	10.2	15.4

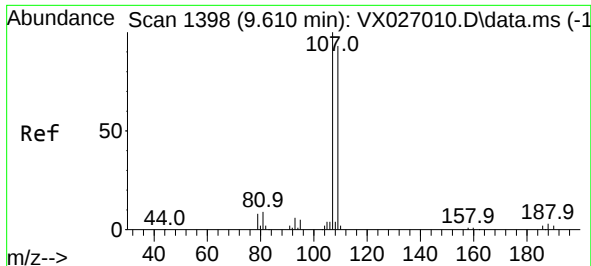


#49
Dibromochloromethane
Concen: 44.359 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion: 129 Resp: 47974

Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.3	100.9





#50

1,2-Dibromoethane

Concen: 44.171 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTD050662

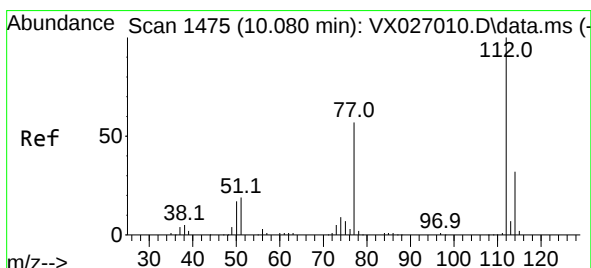
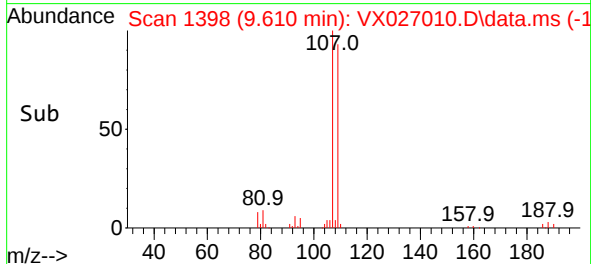
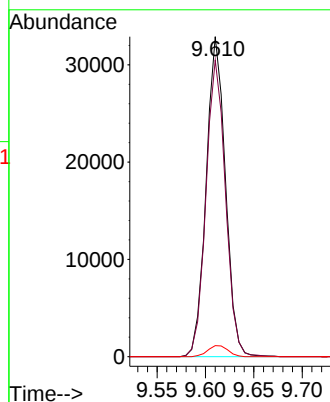
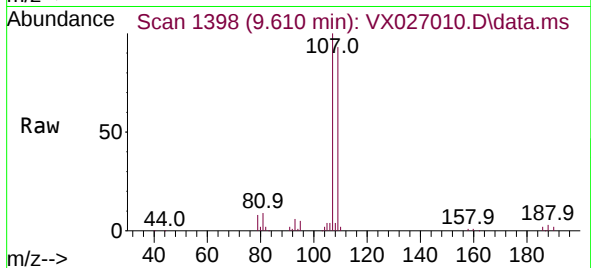
Tgt Ion:107 Resp: 45729

Ion Ratio Lower Upper

107 100

109 92.7 64.9 120.5

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 44.414 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

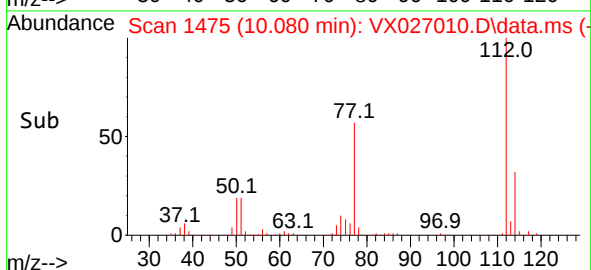
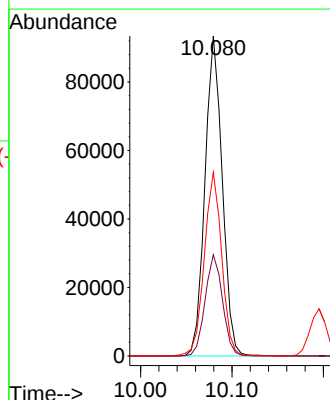
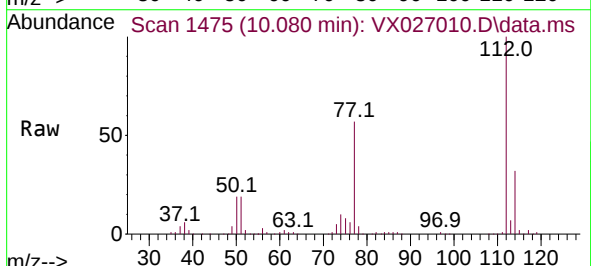
Tgt Ion:112 Resp: 122454

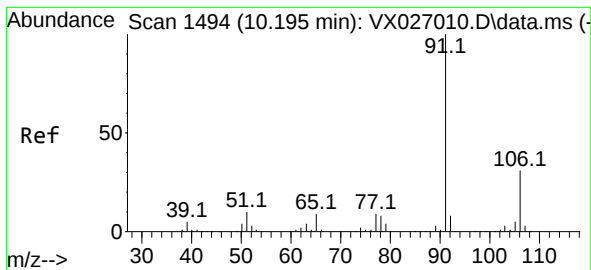
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 57.4 45.9 68.9

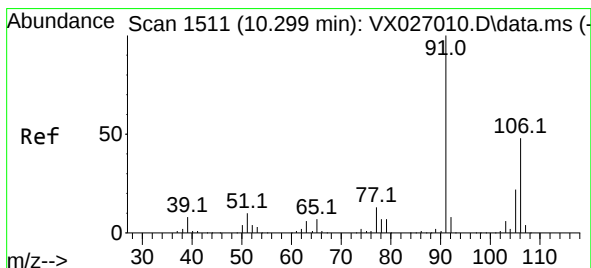
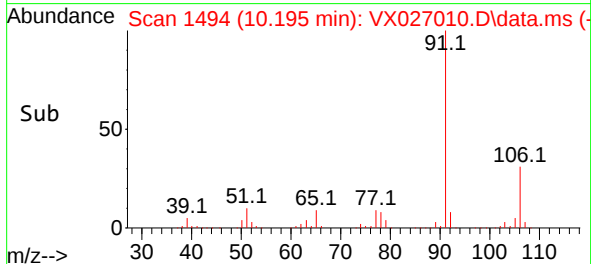
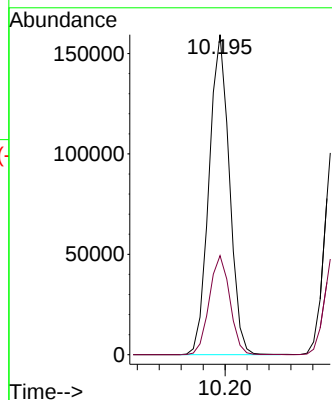
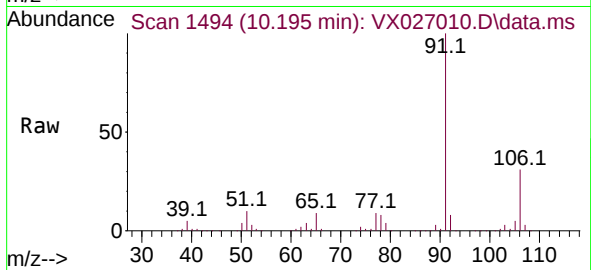




#52
Ethylbenzene
Concen: 44.312 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

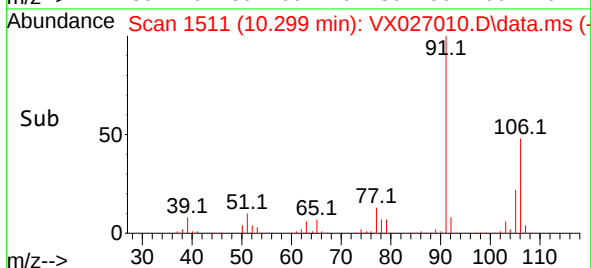
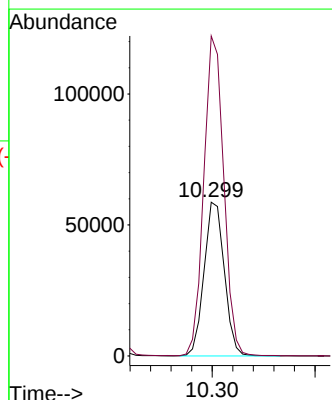
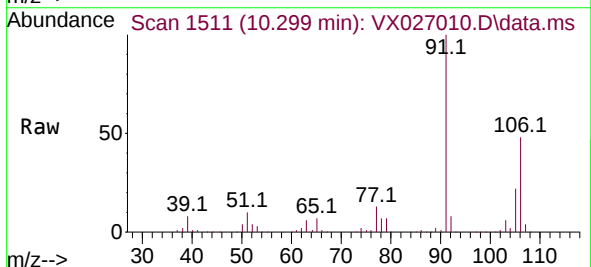
Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

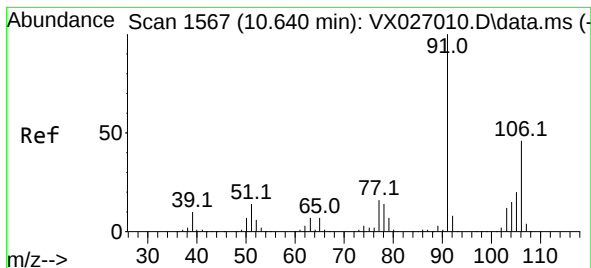
Tgt Ion: 91 Resp: 205229
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 44.255 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion: 106 Resp: 80806
Ion Ratio Lower Upper
106 100
91 208.1 145.7 270.5





#54

o-Xylene

Concen: 44.836 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

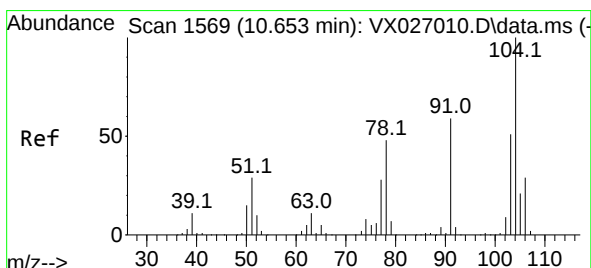
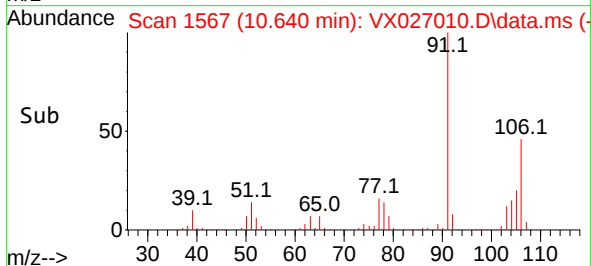
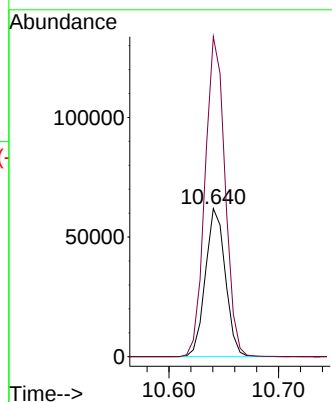
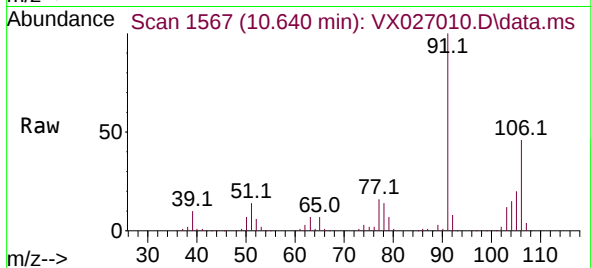
VSTD050662

Tgt Ion:106 Resp: 78312

Ion Ratio Lower Upper

106 100

91 216.0 151.2 280.8



#55

Styrene

Concen: 45.511 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX027010.D

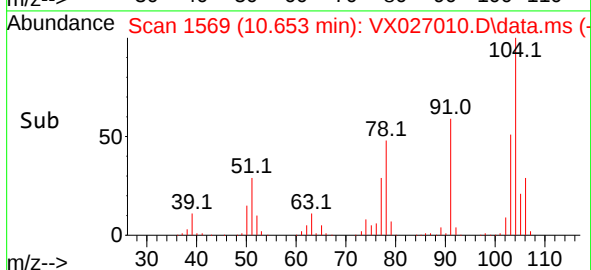
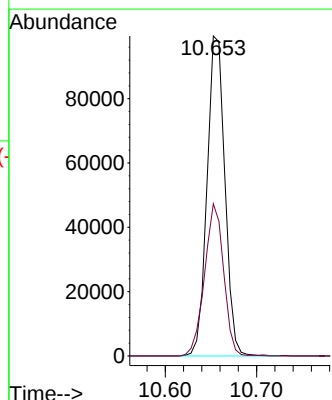
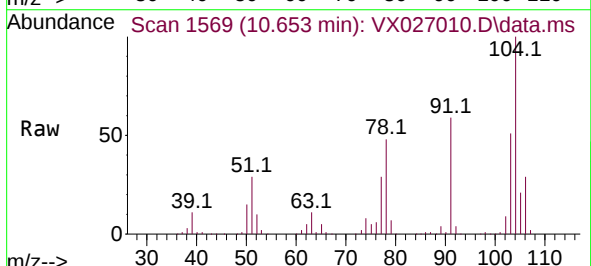
Acq: 14 Feb 2022 10:57

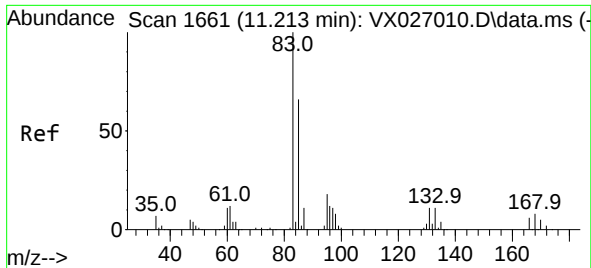
Tgt Ion:104 Resp: 134622

Ion Ratio Lower Upper

104 100

78 47.6 33.3 61.9

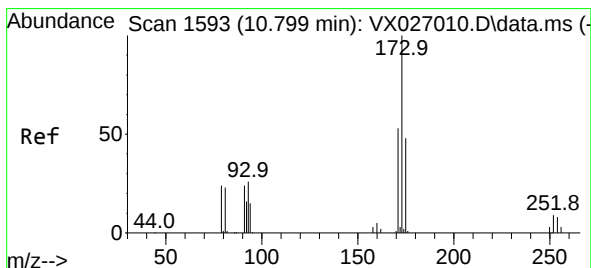
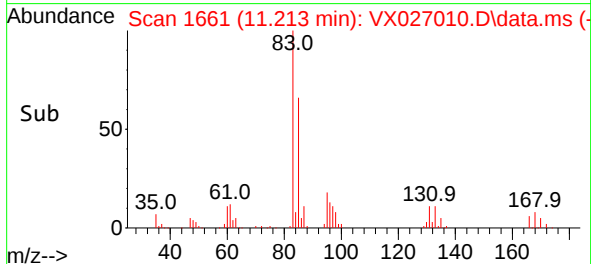
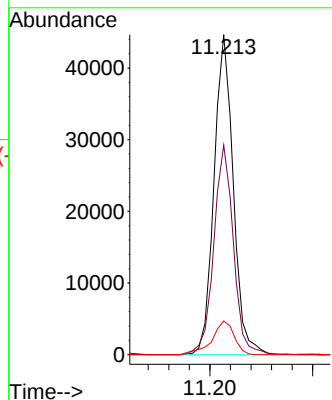
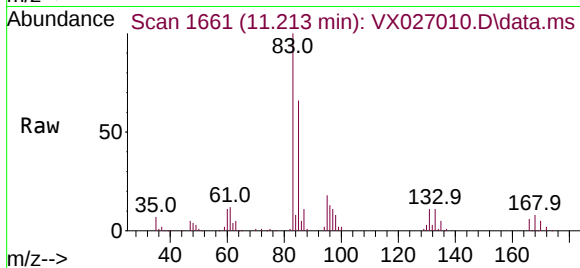




#57
1,1,2,2-Tetrachloroethane
Concen: 44.344 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

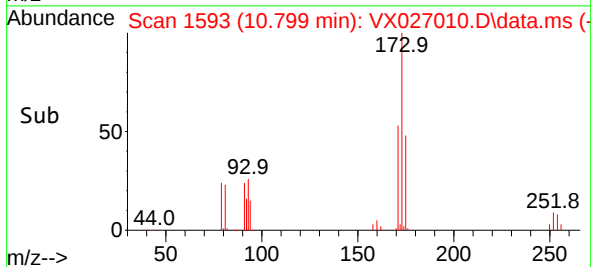
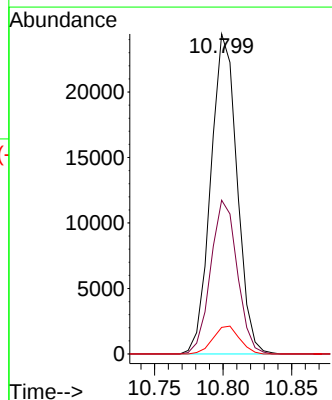
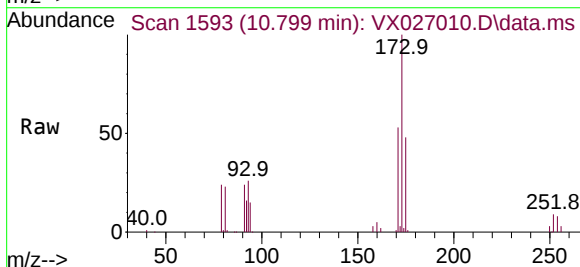
Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

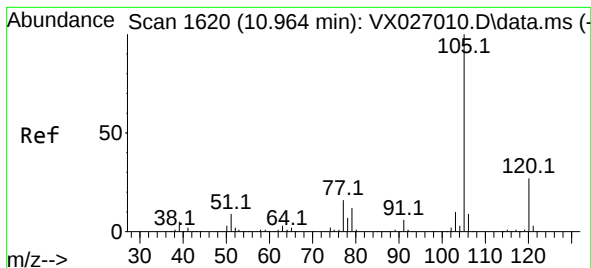
Tgt Ion: 83 Resp: 57906
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2
131 10.6 8.5 12.7



#59
Bromoform
Concen: 43.385 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion: 173 Resp: 32517
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 8.8 7.0 10.6





#60

Isopropylbenzene

Concen: 43.996 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTD050662

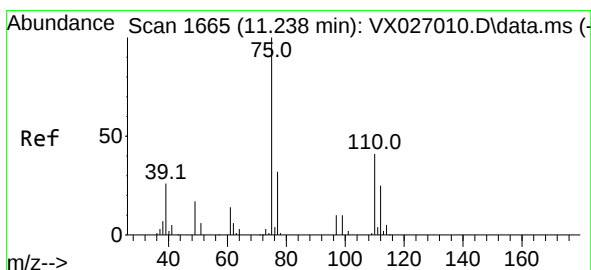
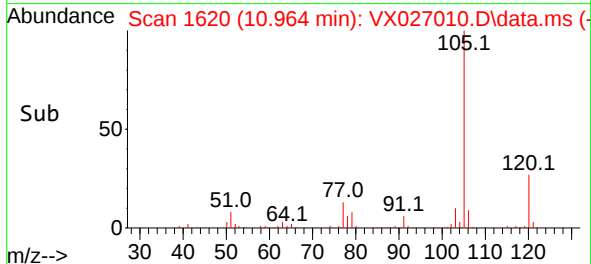
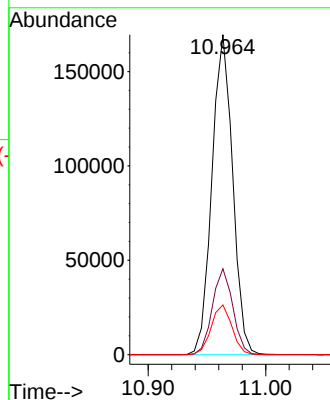
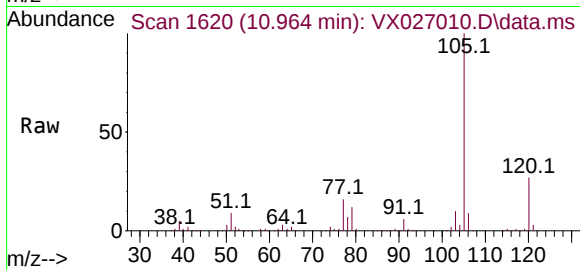
Tgt Ion:105 Resp: 207622

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.6 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 43.429 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

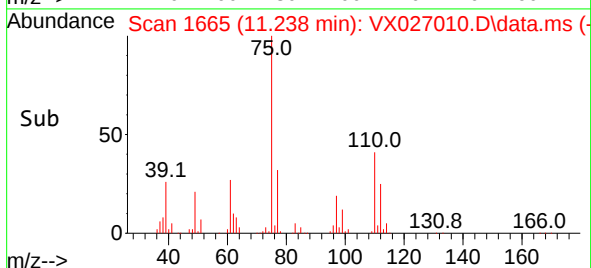
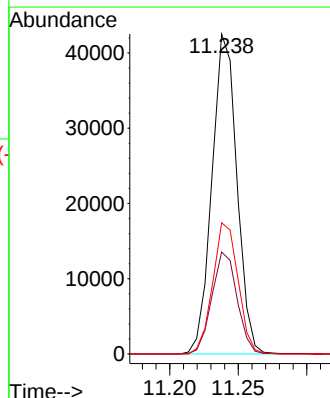
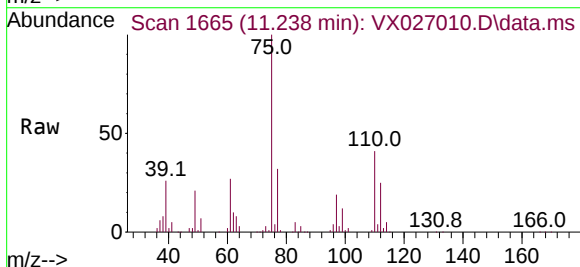
Tgt Ion: 75 Resp: 53803

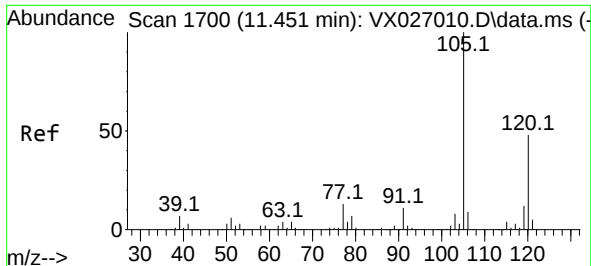
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 41.7 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 44.802 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

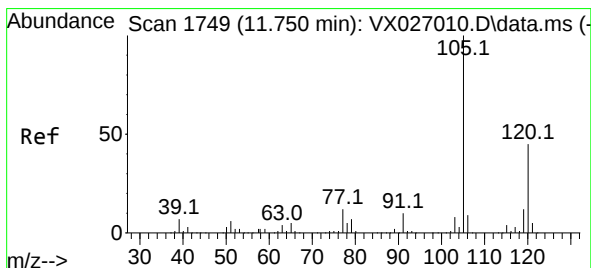
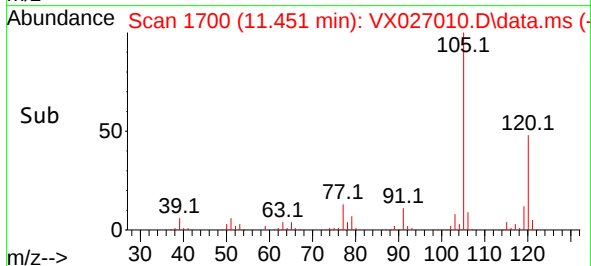
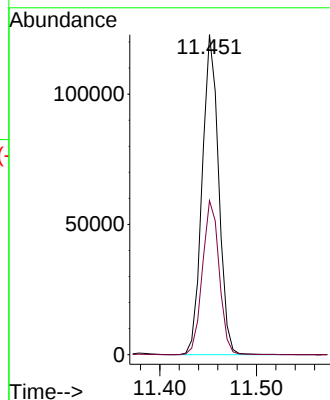
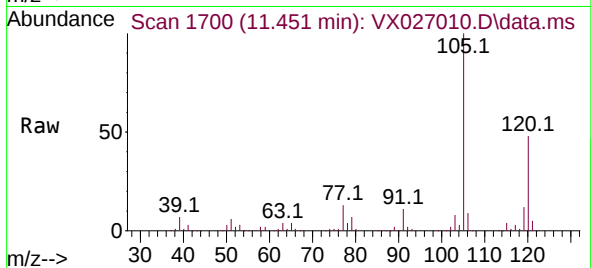
VSTD050662

Tgt Ion:105 Resp: 145830

Ion Ratio Lower Upper

105 100

120 48.9 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 45.033 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX027010.D

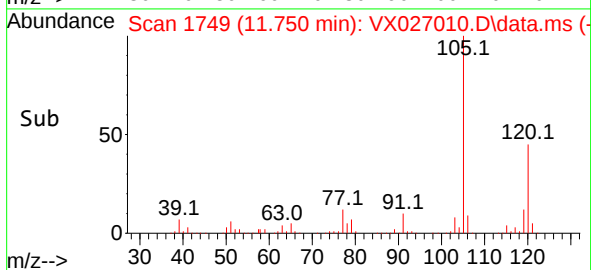
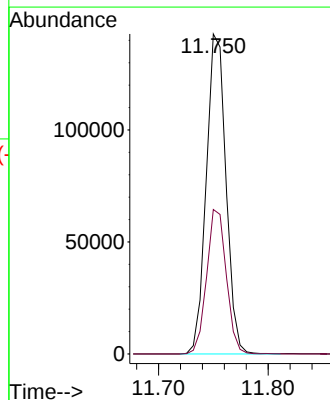
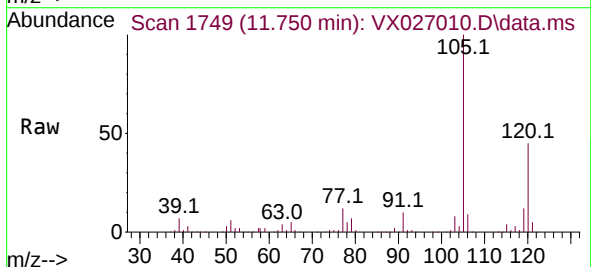
Acq: 14 Feb 2022 10:57

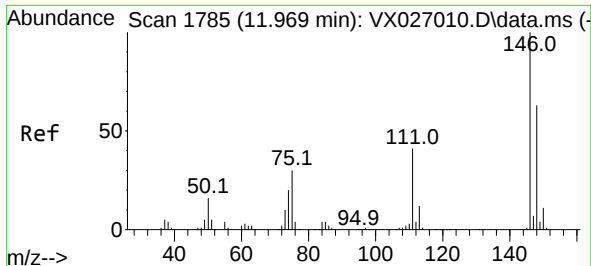
Tgt Ion:105 Resp: 178020

Ion Ratio Lower Upper

105 100

120 45.1 36.1 54.1

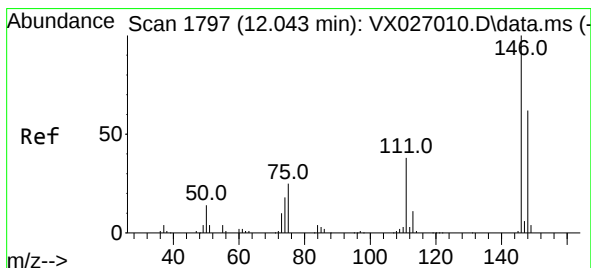
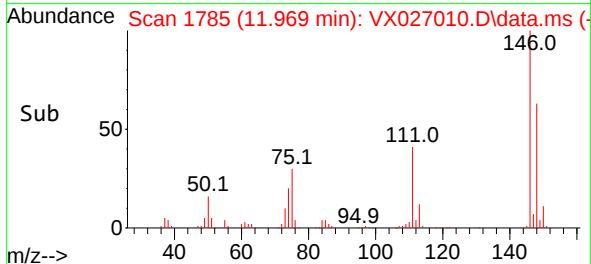
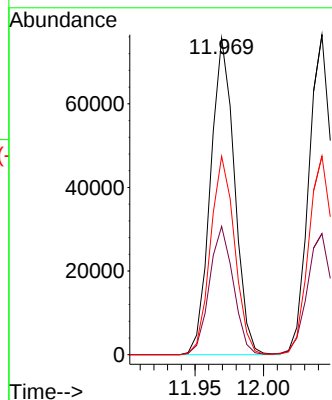
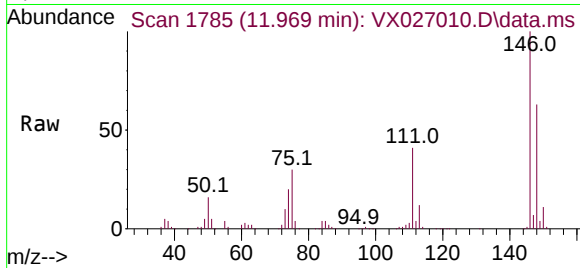




#64
1,3-Dichlorobenzene
Concen: 43.893 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

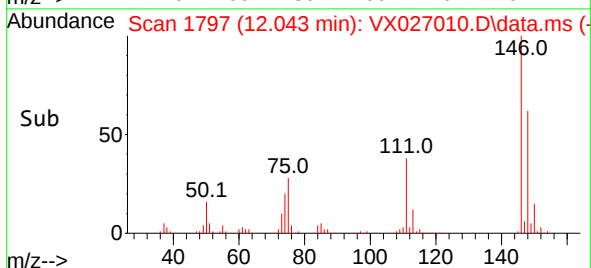
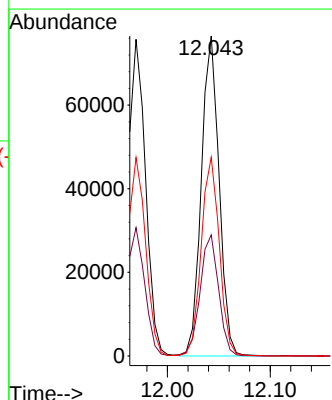
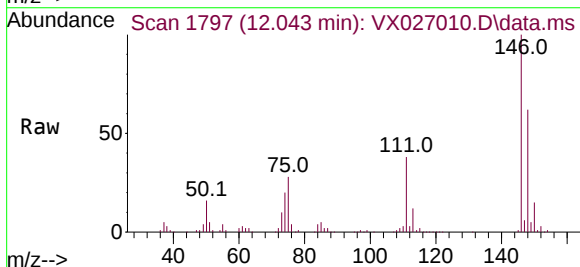
Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

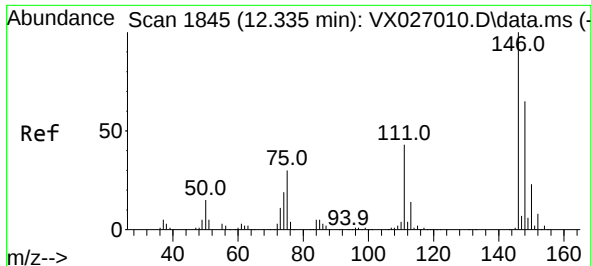
Tgt Ion:146 Resp: 92143
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.7
148 62.6 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 43.633 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion:146 Resp: 92175
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 62.1 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 43.703 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTD050662

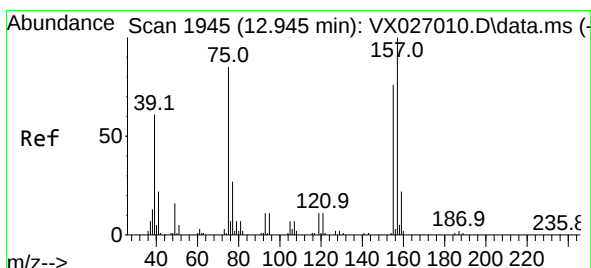
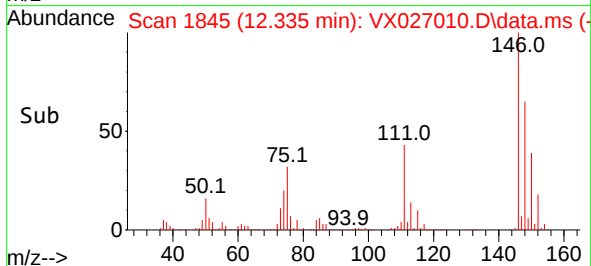
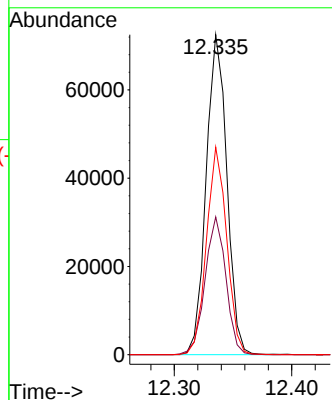
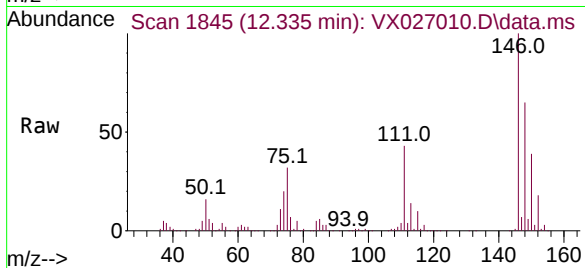
Tgt Ion:146 Resp: 88700

Ion Ratio Lower Upper

146 100

111 43.1 34.5 51.7

148 64.9 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 43.292 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX027010.D

Acq: 14 Feb 2022 10:57

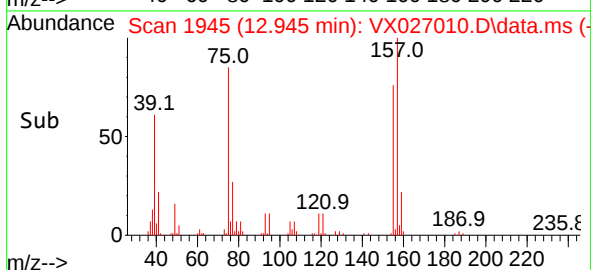
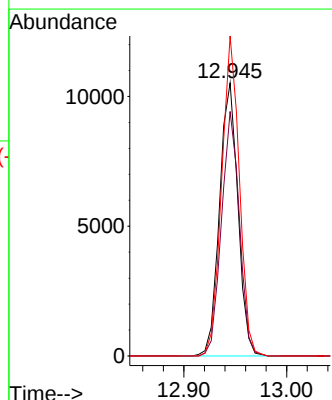
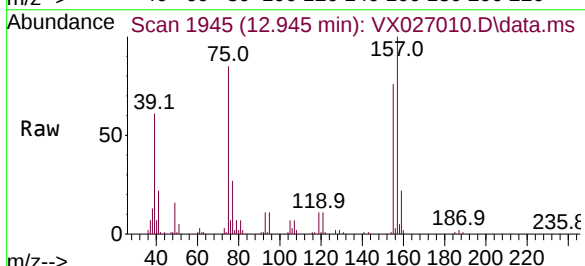
Tgt Ion: 75 Resp: 13024

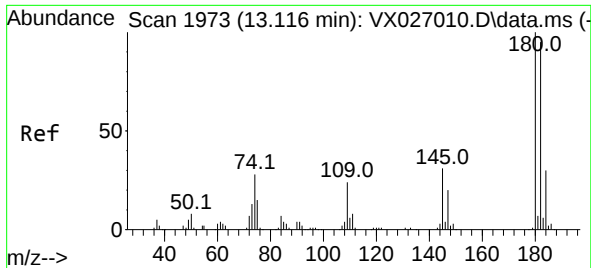
Ion Ratio Lower Upper

75 100

155 89.5 71.6 107.4

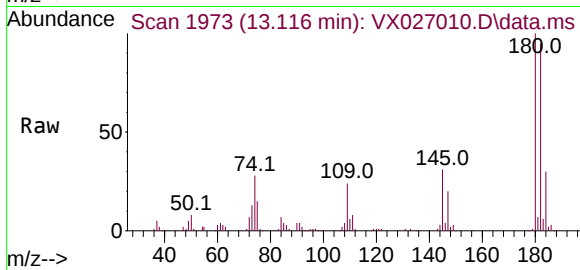
157 117.2 93.8 140.6



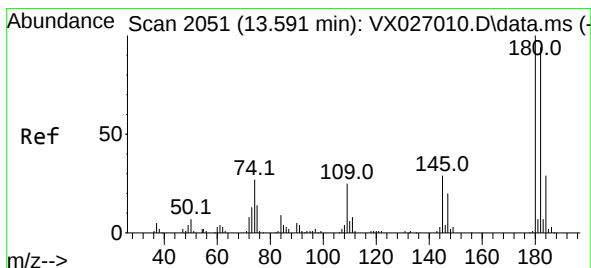
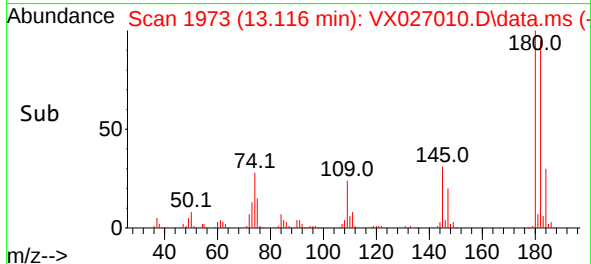
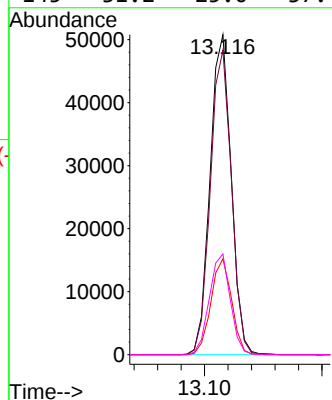


#69
1,3,5-Trichlorobenzene
Concen: 43.961 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

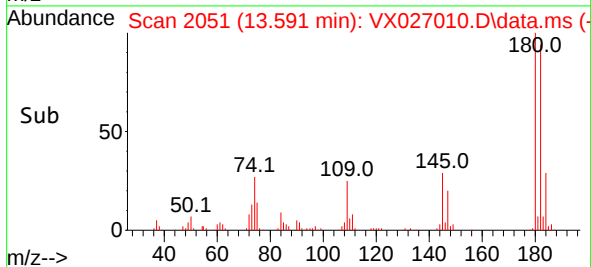
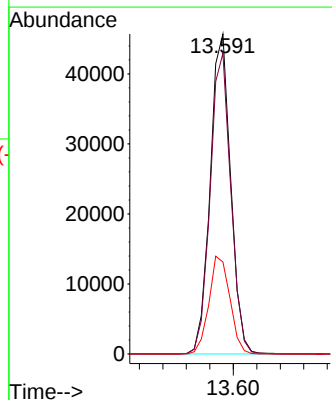
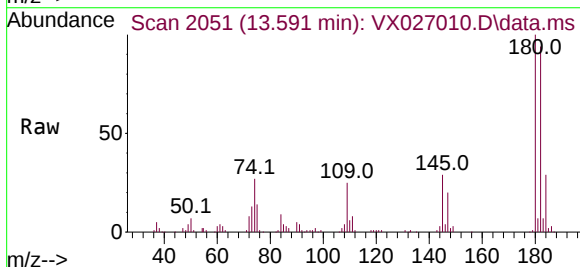


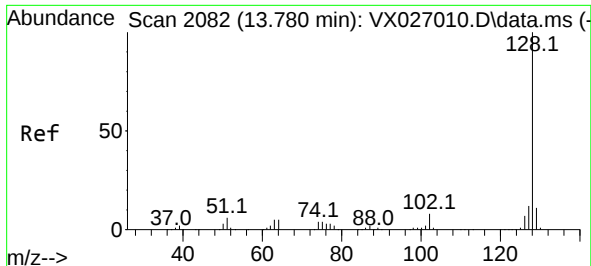
Tgt Ion:180 Resp: 63418
Ion Ratio Lower Upper
180 100
182 94.5 75.6 113.4
184 29.5 23.6 35.4
145 31.2 25.0 37.4



#70
1,2,4-trichlorobenzene
Concen: 43.471 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion:180 Resp: 55366
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.2
145 31.2 25.0 37.4

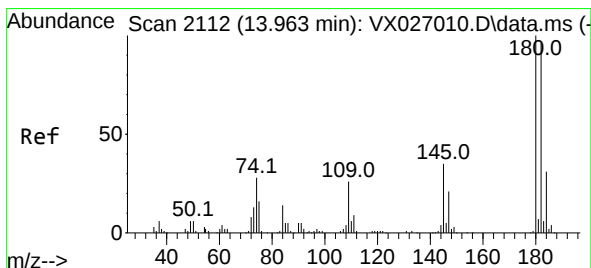
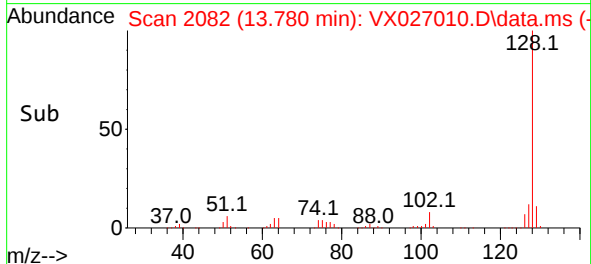
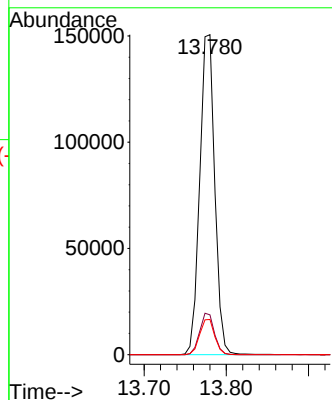
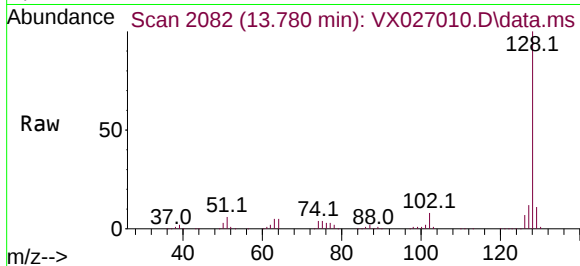




#71
Naphthalene
Concen: 45.109 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTD050662

Tgt Ion:128 Resp: 191294
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 43.049 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027010.D
Acq: 14 Feb 2022 10:57

Tgt Ion:180 Resp: 54820
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.4
145 34.2 27.4 41.0

