

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027008.D
 Acq On : 14 Feb 2022 10:11
 Operator : JC/MD
 Sample : VSTD005660
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005660

Quant Time: Feb 15 04:59:45 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	129029	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	119049	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	5288	4.617	ug/L	0.00
7) Chloroethane-d5	1.672	69	3309	4.503	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	10042	4.573	ug/L	0.00
21) 2-Butanone-d5	4.465	46	6516	8.191	ug/L	0.00
24) Chloroform-d	5.056	84	9250	4.301	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	6276	4.502	ug/L	0.00
32) Benzene-d6	5.971	84	19111	4.456	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	5662	4.445	ug/L	0.00
41) Toluene-d8	8.647	98	17082	4.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	2245	3.865	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	4242	7.702	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	6645	4.414	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	6113	4.400	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	6917	4.995	ug/L	99
3) Chloromethane	1.295	50	5449	5.000	ug/L	97
5) Vinyl chloride	1.380	62	5535	5.051	ug/L	96
6) Bromomethane	1.618	94	2454	5.265	ug/L	93
8) Chloroethane	1.697	64	2860	4.828	ug/L	91
9) Trichlorofluoromethane	1.892	101	7624	5.002	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	4922	5.009	ug/L	99
12) 1,1-Dichloroethene	2.325	96	4512	4.998	ug/L	84
13) Acetone	2.386	43	7472	11.160	ug/L	100
14) Carbon disulfide	2.520	76	13052	4.880	ug/L	99
15) Methyl Acetate	2.703	43	4686	4.531	ug/L	98
16) Methylene chloride	2.794	84	4936	4.990	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	4637	4.854	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	14035	4.788	ug/L	98
19) 1,1-Dichloroethane	3.611	63	8063	4.732	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	5024	4.793	ug/L	97
22) 2-Butanone	4.562	43	8591	10.018	ug/L	97
23) Bromochloromethane	4.904	128	2624	4.902	ug/L	88
25) Chloroform	5.093	83	9015	4.946	ug/L	97
27) 1,2-Dichloroethane	6.092	62	6840	4.852	ug/L	98
29) Cyclohexane	5.477	56	7696	4.715	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	7537	4.865	ug/L #	78
31) Carbon tetrachloride	5.678	117	6556	4.771	ug/L	97
33) Benzene	6.038	78	18852	4.901	ug/L	100
34) Trichloroethene	7.123	95	5430	4.935	ug/L	95
35) Methylcyclohexane	7.379	83	7852	4.722	ug/L	96
37) 1,2-Dichloropropane	7.434	63	4755	4.915	ug/L #	93
38) Bromodichloromethane	7.818	83	5934	4.569	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	6215	4.286	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	12832	9.331	ug/L	99
42) Toluene	8.720	91	19883	4.814	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	5760	4.227	ug/L	98

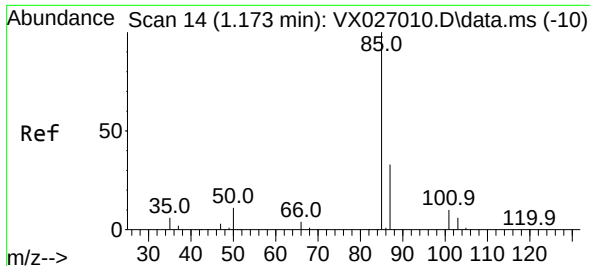
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	4536	4.795	ug/L	96
46) Tetrachloroethene	9.275	164	4094	5.025	ug/L	93
48) 2-Hexanone	9.433	43	11046	9.921	ug/L	96
49) Dibromochloromethane	9.519	129	4753	4.582	ug/L	97
50) 1,2-Dibromoethane	9.610	107	4687	4.720	ug/L	92
51) Chlorobenzene	10.080	112	12637	4.778	ug/L	97
52) Ethylbenzene	10.195	91	21482	4.836	ug/L	100
53) m,p-Xylene	10.299	106	8292	4.734	ug/L	95
54) o-Xylene	10.640	106	8005	4.778	ug/L	97
55) Styrene	10.653	104	13136	4.630	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	6400	5.109	ug/L	96
59) Bromoform	10.799	173	3127	4.456	ug/L	96
60) Isopropylbenzene	10.964	105	20683	4.681	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	5916	5.100	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	13768	4.517	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	16817	4.543	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	9533	4.850	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	9698	4.903	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	9270	4.878	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	1148	4.075	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	6271	4.643	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	5217	4.375	ug/L	99
71) Naphthalene	13.780	128	16364	4.121	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	5373	4.506	ug/L	98

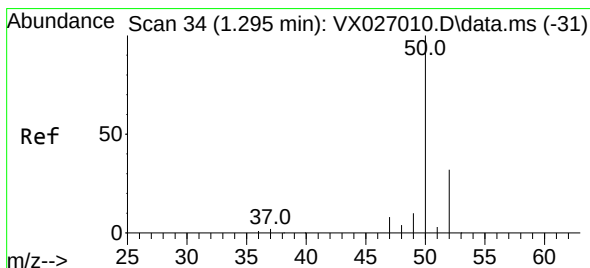
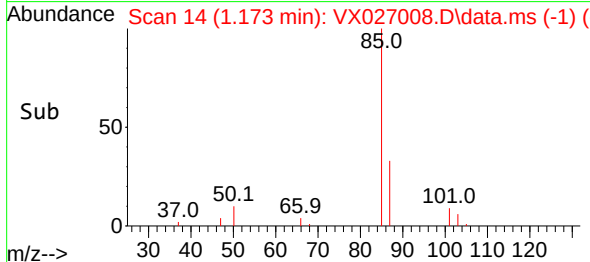
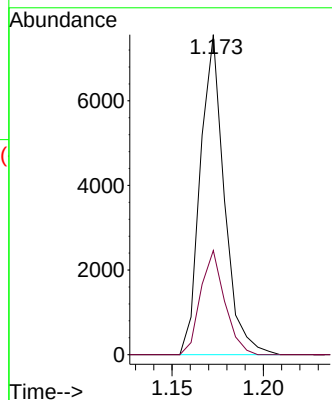
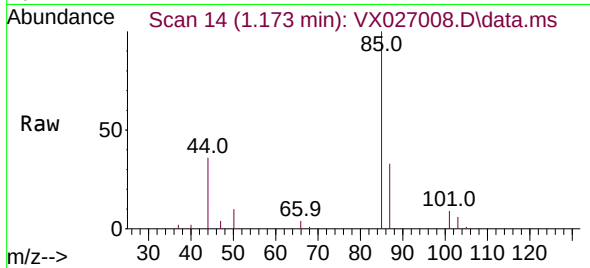
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.995 ug/L
 RT: 1.173 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX027008.D
 Acq: 14 Feb 2022 10:11

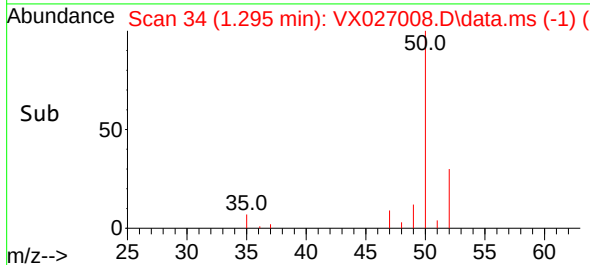
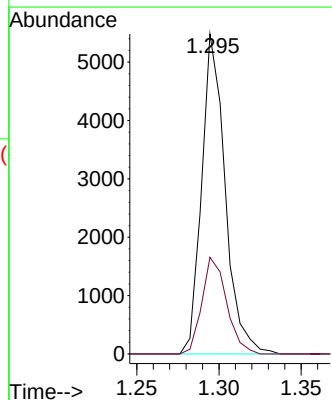
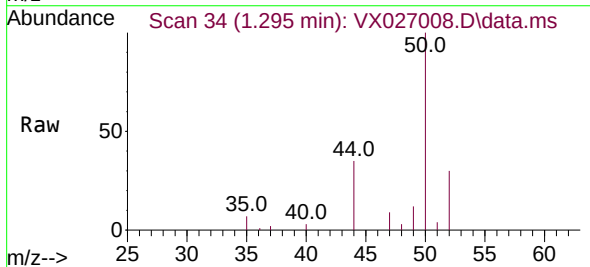
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005660

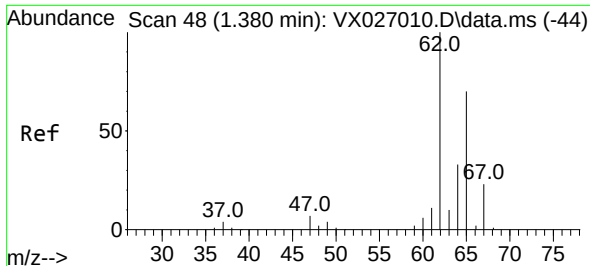
Tgt Ion: 85 Resp: 6917
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 5.000 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX027008.D
 Acq: 14 Feb 2022 10:11

Tgt Ion: 50 Resp: 5449
 Ion Ratio Lower Upper
 50 100
 52 30.2 22.5 41.7

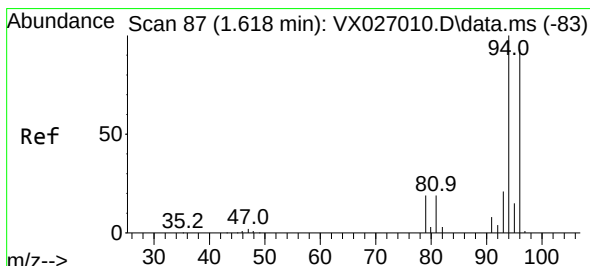
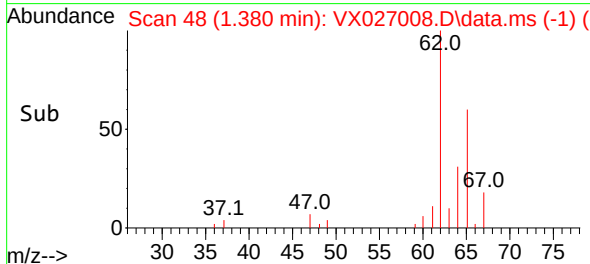
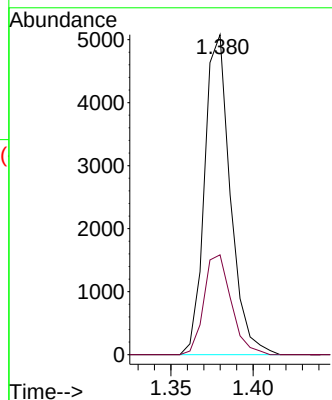
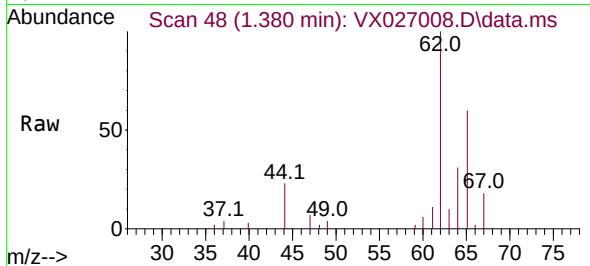




#5
 Vinyl chloride
 Concen: 5.051 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VX027008.D
 Acq: 14 Feb 2022 10:11

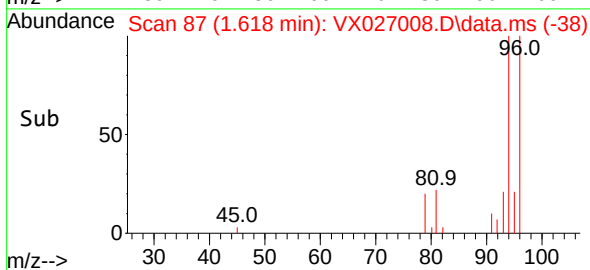
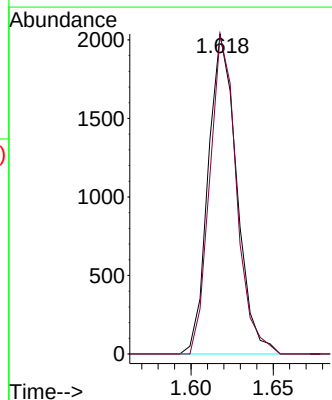
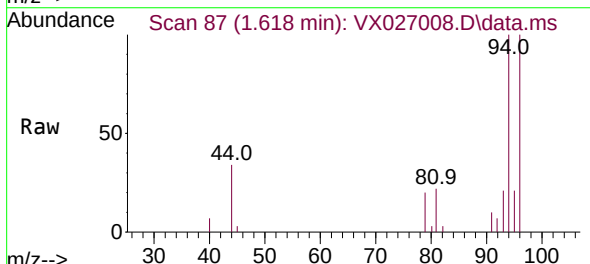
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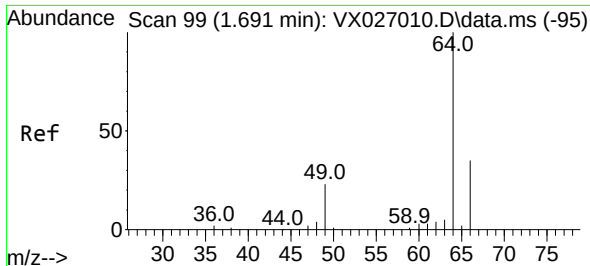
Tgt Ion: 62 Resp: 5535
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.3 43.3



#6
 Bromomethane
 Concen: 5.265 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX027008.D
 Acq: 14 Feb 2022 10:11

Tgt Ion: 94 Resp: 2454
 Ion Ratio Lower Upper
 94 100
 96 99.7 64.9 120.5

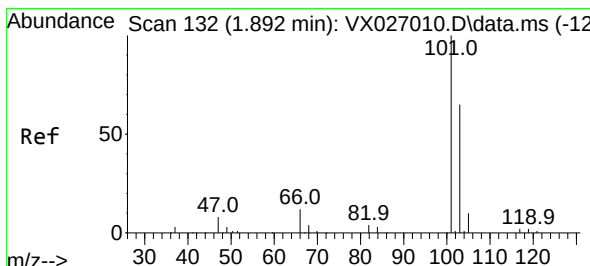
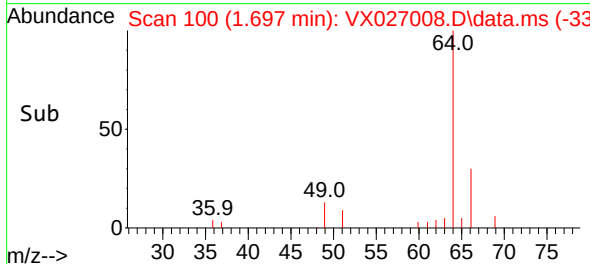
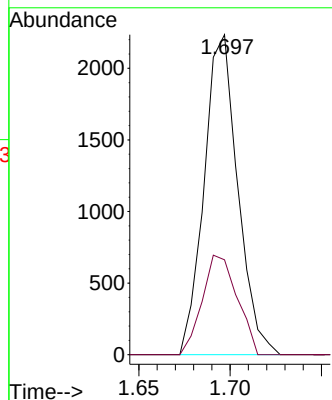
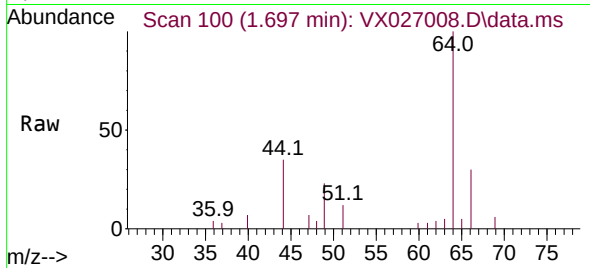




#8
Chloroethane
Concen: 4.828 ug/L
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

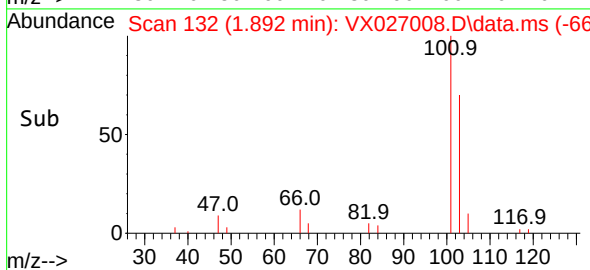
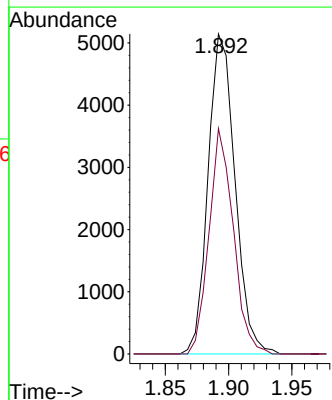
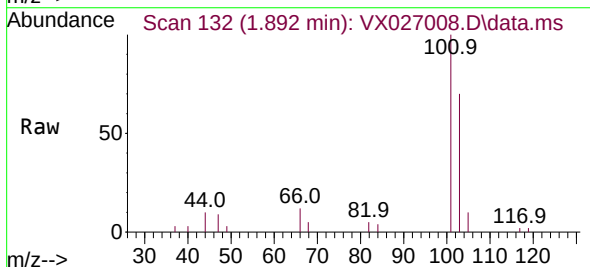
Instrument :
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ClientSampleId :
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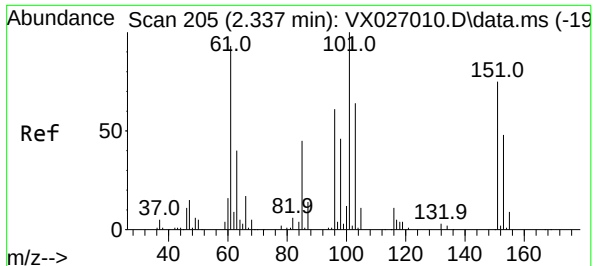
Tgt Ion: 64 Resp: 2860
Ion Ratio Lower Upper
64 100
66 29.7 24.2 45.0



#9
Trichlorofluoromethane
Concen: 5.002 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion:101 Resp: 7624
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.8

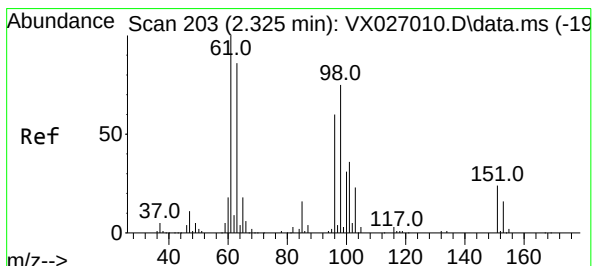
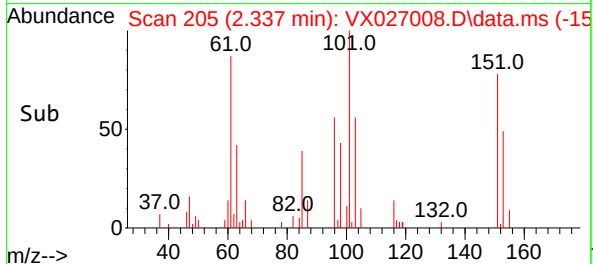
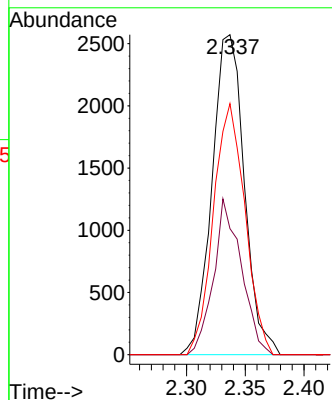
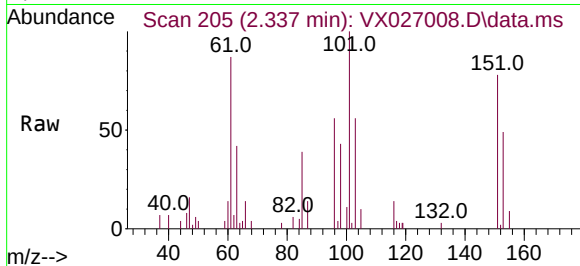




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.009 ug/L
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX027008.D
 Acq: 14 Feb 2022 10:11

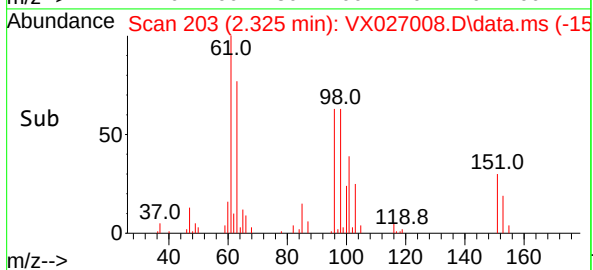
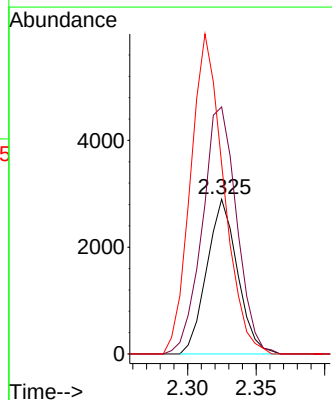
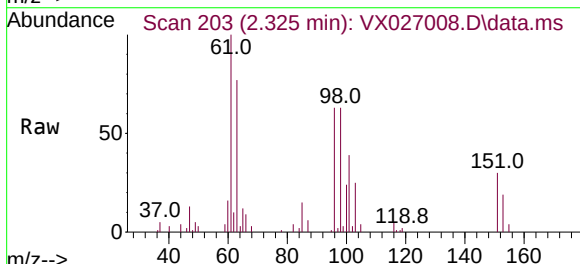
Instrument :
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 ClientSampleId :
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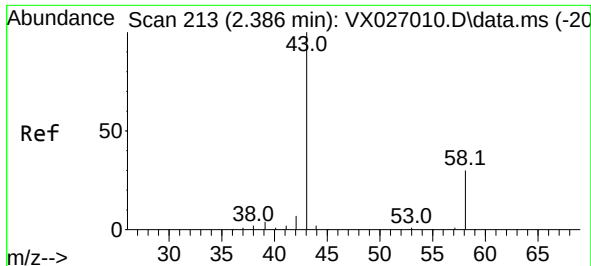
Tgt Ion:101 Resp: 4922
 Ion Ratio Lower Upper
 101 100
 85 41.9 33.9 50.9
 151 76.7 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 4.998 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX027008.D
 Acq: 14 Feb 2022 10:11

Tgt Ion: 96 Resp: 4512
 Ion Ratio Lower Upper
 96 100
 61 159.6 118.2 219.4
 63 122.8 109.6 203.4





#13

Acetone

Concen: 11.160 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

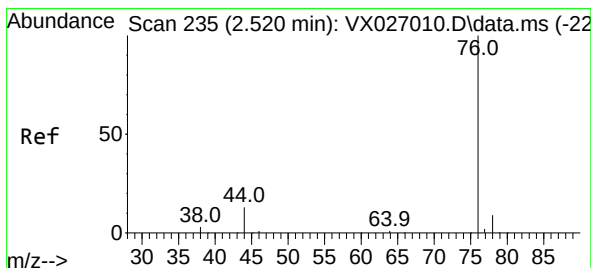
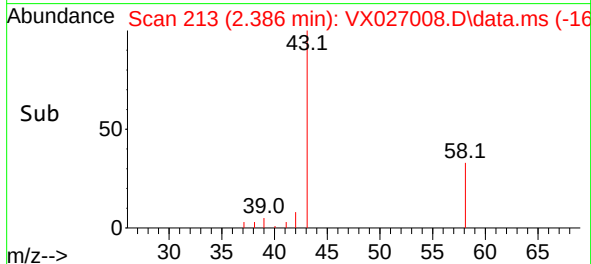
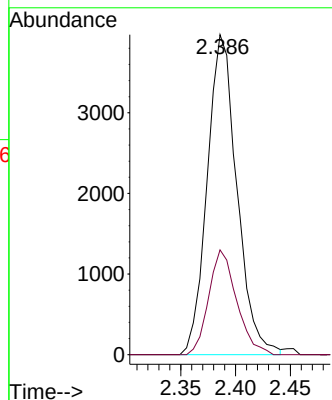
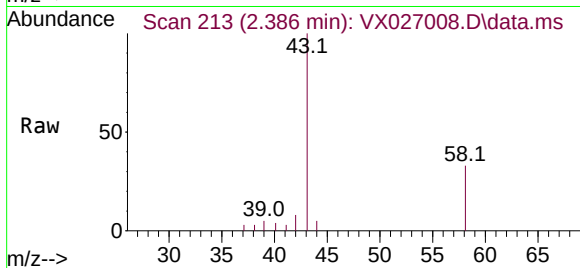
VSTD005660

Tgt Ion: 43 Resp: 7472

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.4



#14

Carbon disulfide

Concen: 4.880 ug/L

RT: 2.520 min Scan# 235

Delta R.T. -0.000 min

Lab File: VX027008.D

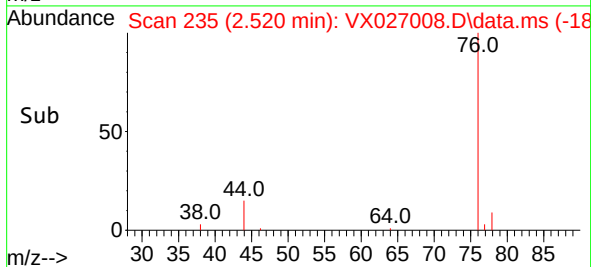
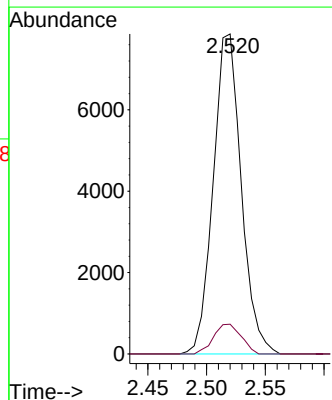
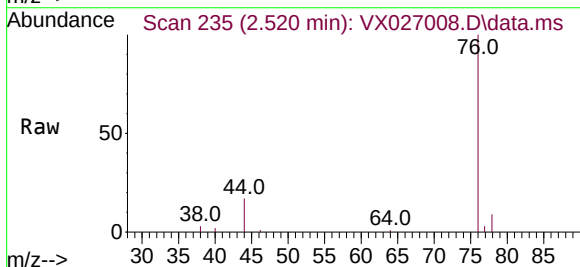
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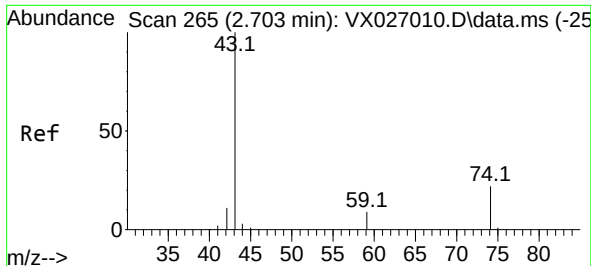
Tgt Ion: 76 Resp: 13052

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

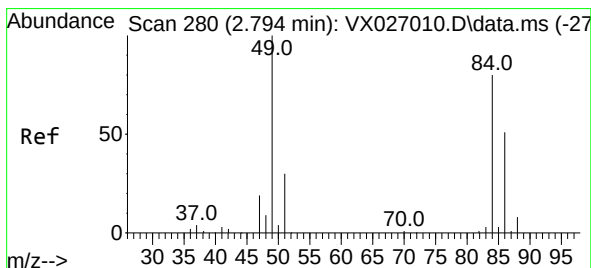
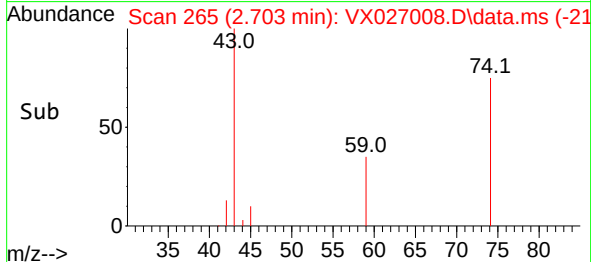
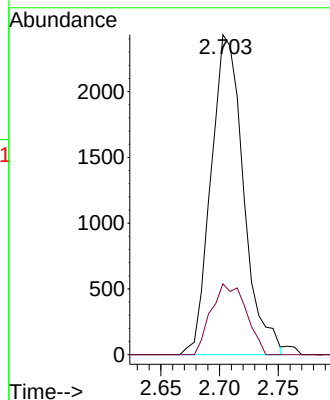
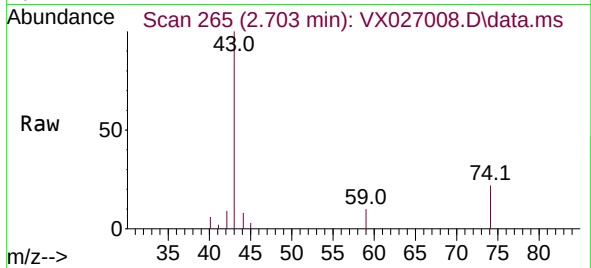




#15
Methyl Acetate
Concen: 4.531 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

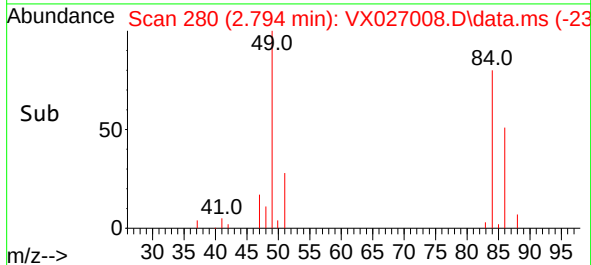
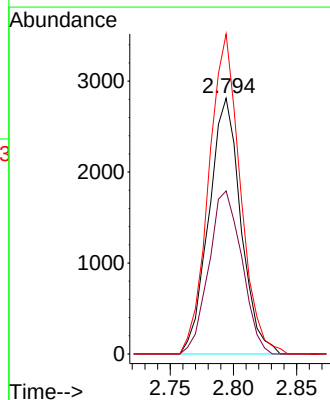
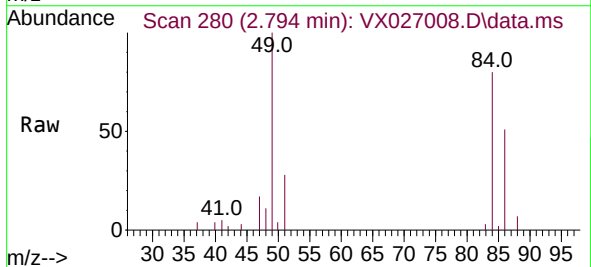
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ClientSampleId :
VSTD005660

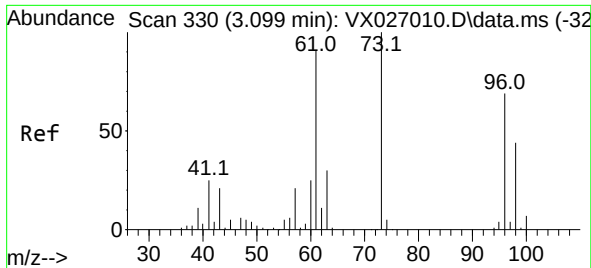
Tgt Ion: 43 Resp: 4686
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.4



#16
Methylene chloride
Concen: 4.990 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 84 Resp: 4936
Ion Ratio Lower Upper
84 100
86 63.7 44.8 83.2
49 125.2 87.0 161.6

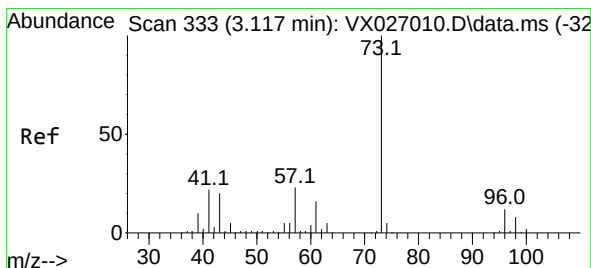
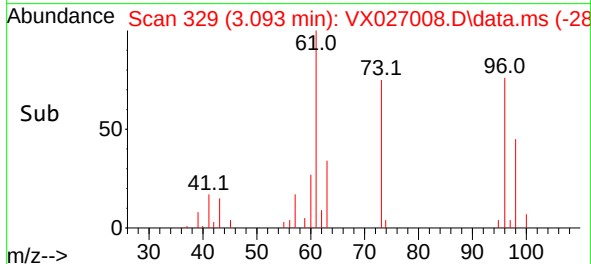
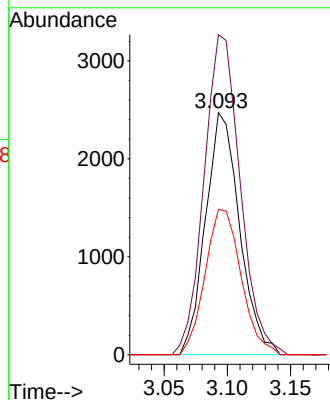
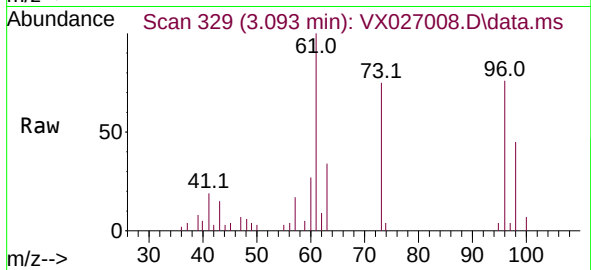




#17
trans-1,2-Dichloroethene
Concen: 4.854 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

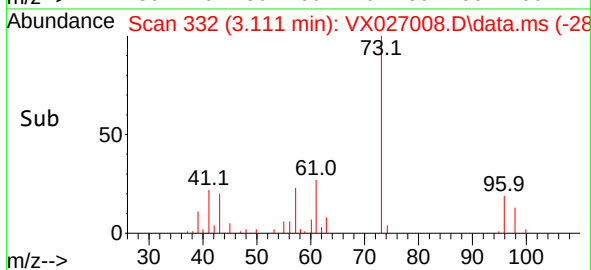
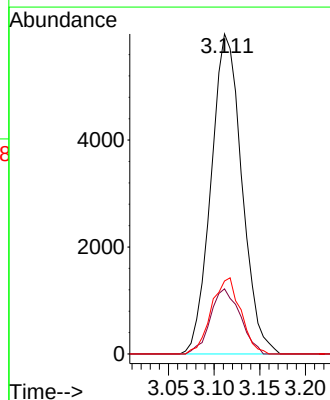
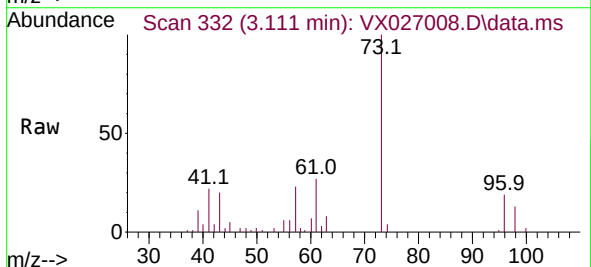
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

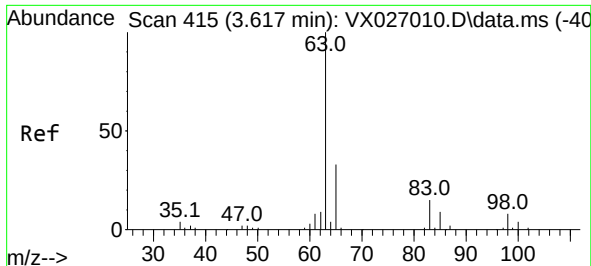
Tgt Ion: 96 Resp: 4637
Ion Ratio Lower Upper
96 100
61 132.1 93.0 172.6
98 60.0 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 4.788 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 73 Resp: 14035
Ion Ratio Lower Upper
73 100
43 19.7 16.2 24.4
57 22.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 4.732 ug/L

RT: 3.611 min Scan# 415

Delta R.T. -0.006 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD005660

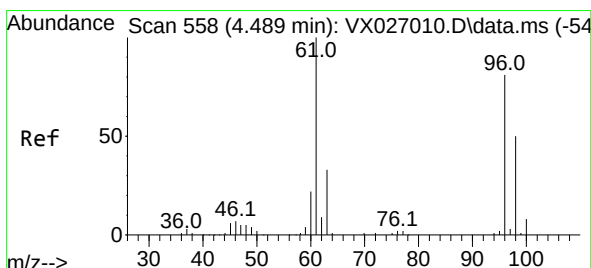
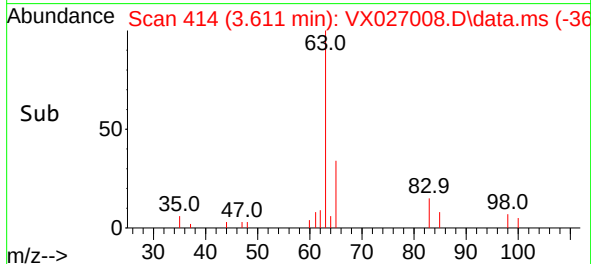
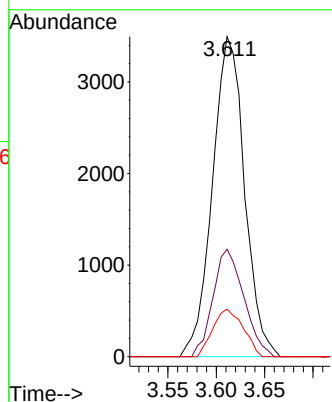
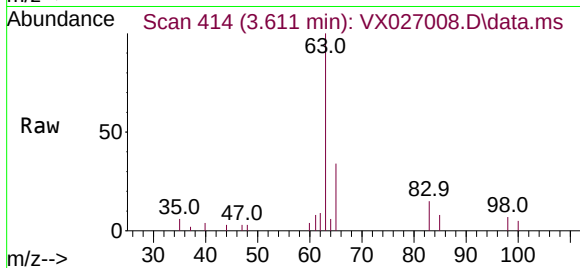
Tgt Ion: 63 Resp: 8063

Ion Ratio Lower Upper

63 100

65 33.6 22.9 42.5

83 14.9 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 4.793 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

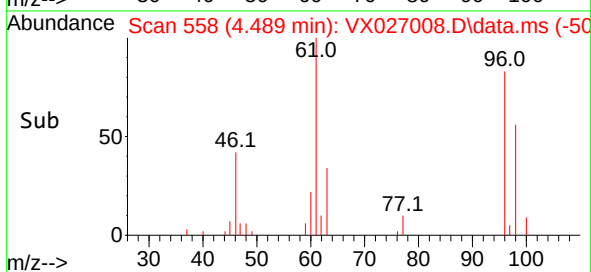
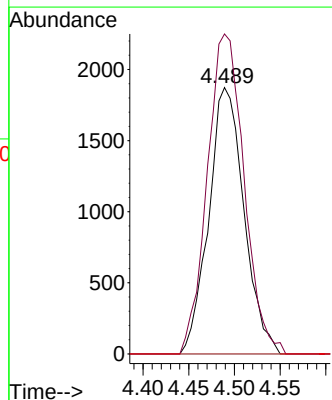
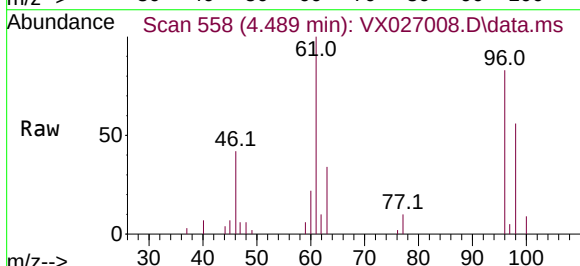
Tgt Ion: 96 Resp: 5024

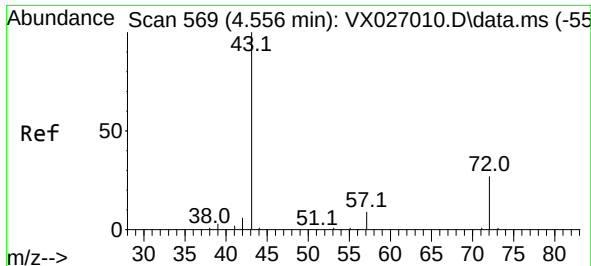
Ion Ratio Lower Upper

96 100

61 120.1 86.7 161.1

68 0.0 0.0 0.0

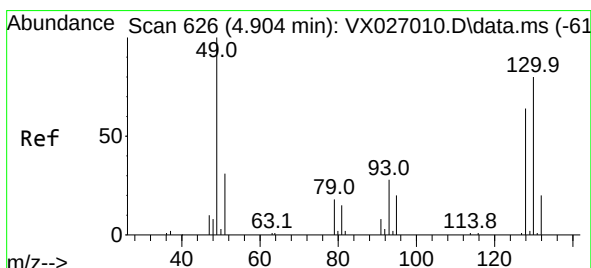
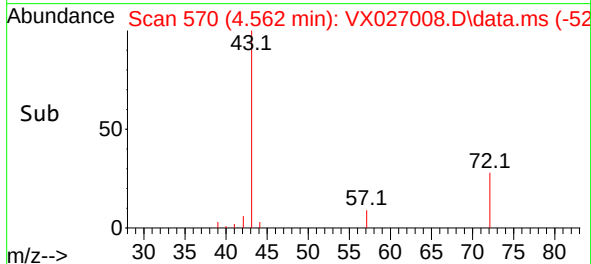
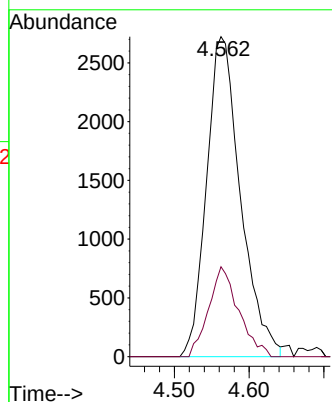
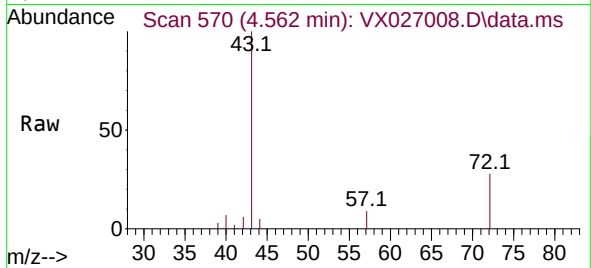




#22
2-Butanone
Concen: 10.018 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

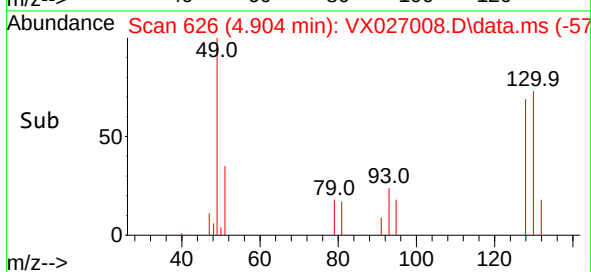
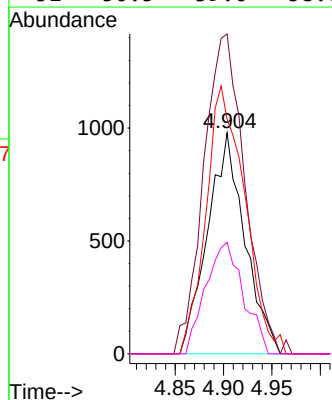
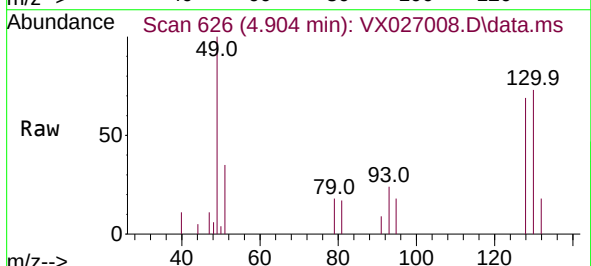
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

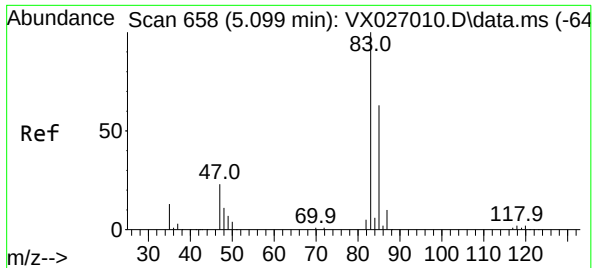
Tgt Ion: 43 Resp: 8591
Ion Ratio Lower Upper
43 100
72 24.8 13.2 39.5



#23
Bromochloromethane
Concen: 4.902 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 128 Resp: 2624
Ion Ratio Lower Upper
128 100
49 144.7 110.2 204.6
130 106.2 88.2 163.8
51 50.5 39.0 58.6





#25

Chloroform

Concen: 4.946 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

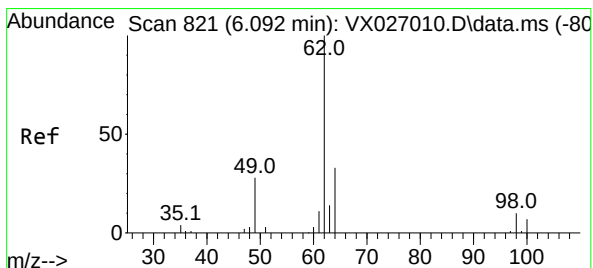
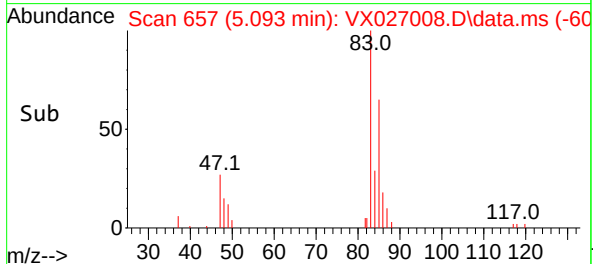
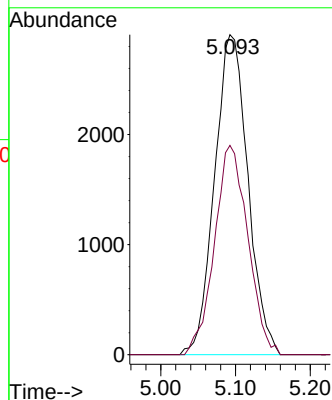
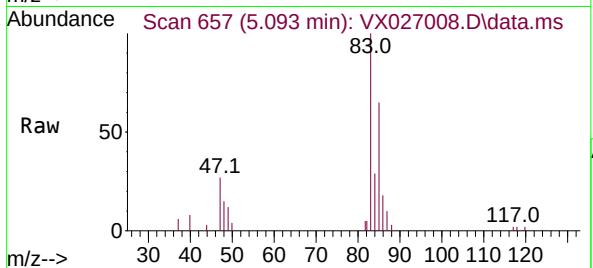
VSTD005660

Tgt Ion: 83 Resp: 9015

Ion Ratio Lower Upper

83 100

85 65.4 44.2 82.2



#27

1,2-Dichloroethane

Concen: 4.852 ug/L

RT: 6.092 min Scan# 821

Delta R.T. -0.000 min

Lab File: VX027008.D

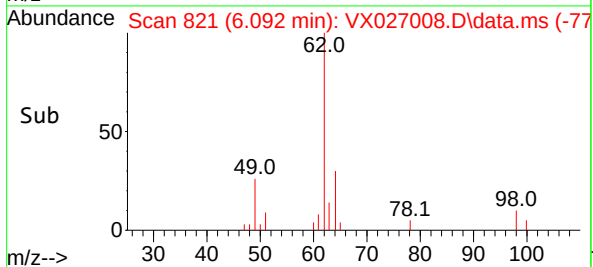
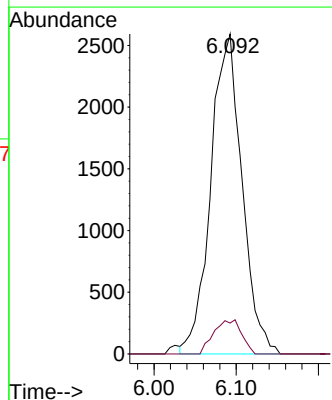
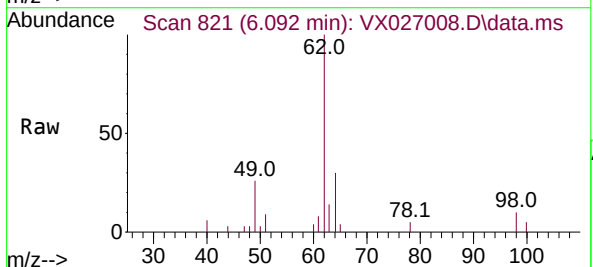
Acq: 14 Feb 2022 10:11

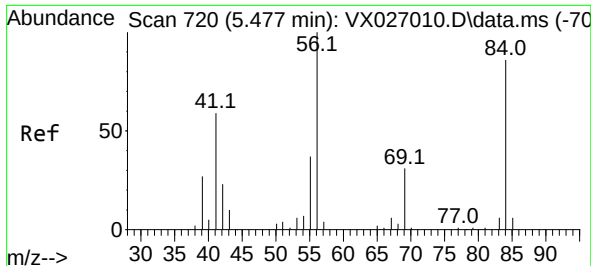
Tgt Ion: 62 Resp: 6840

Ion Ratio Lower Upper

62 100

98 9.6 8.2 12.2





#29

Cyclohexane

Concen: 4.715 ug/L

RT: 5.477 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD005660

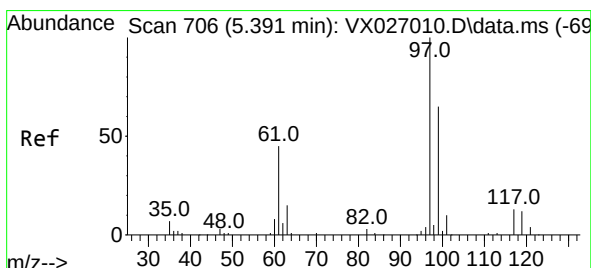
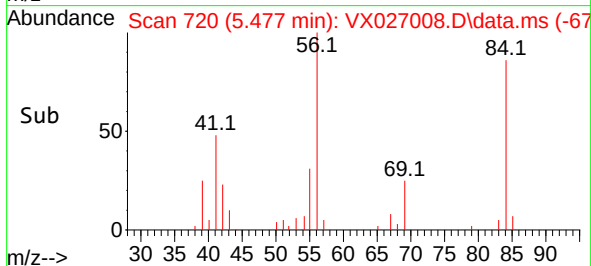
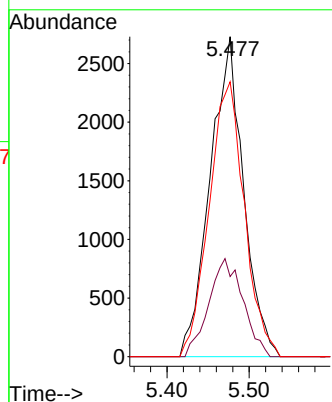
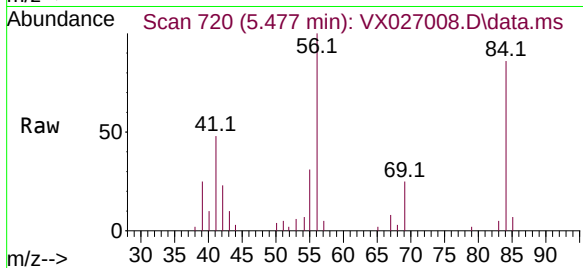
Tgt Ion: 56 Resp: 7696

Ion Ratio Lower Upper

56 100

69 31.4 24.6 36.8

84 90.6 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 4.865 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

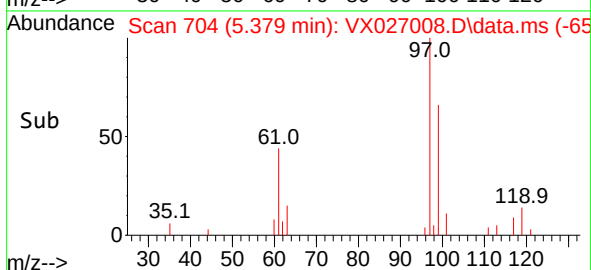
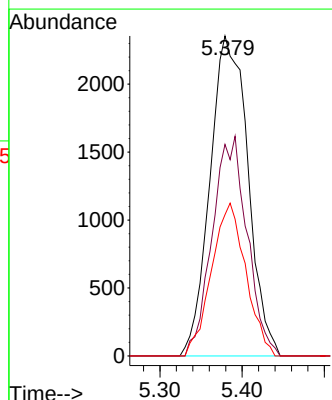
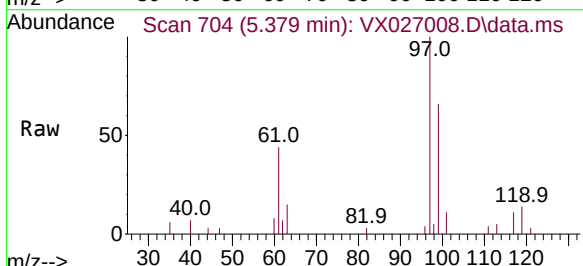
Tgt Ion: 97 Resp: 7537

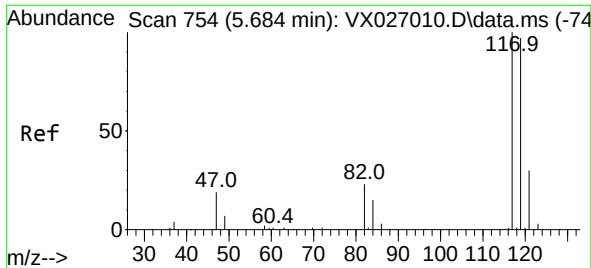
Ion Ratio Lower Upper

97 100

99 35.4 51.5 77.3#

61 43.4 35.2 52.8

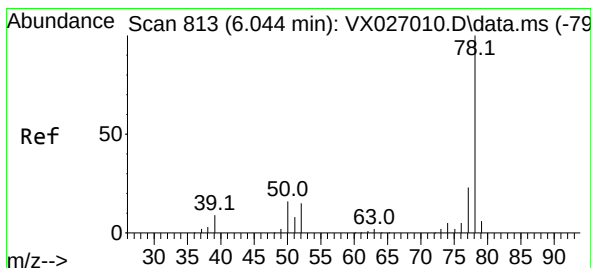
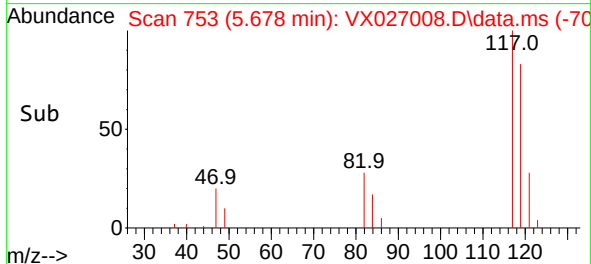
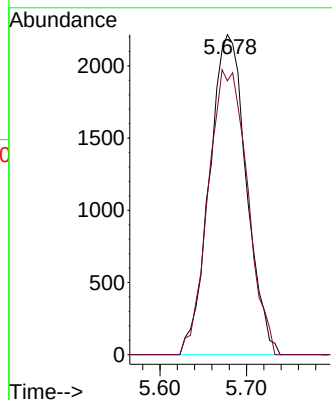
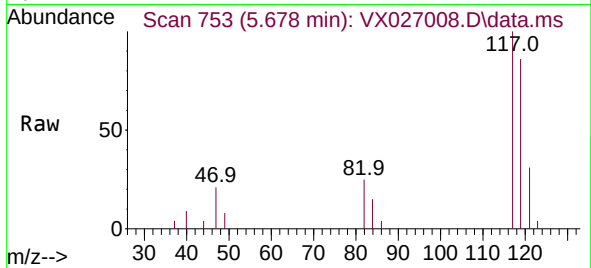




#31
Carbon tetrachloride
Concen: 4.771 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

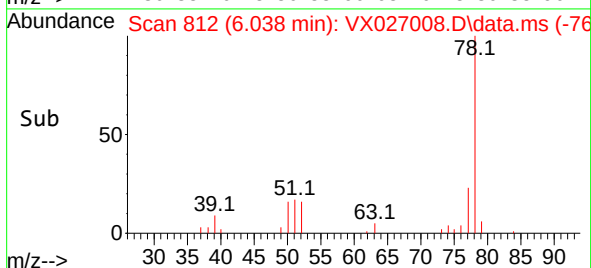
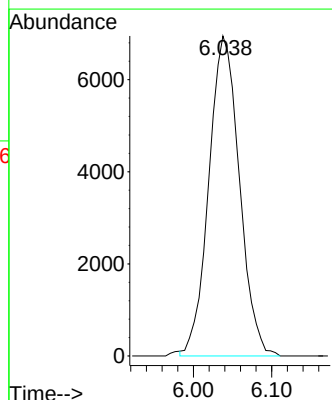
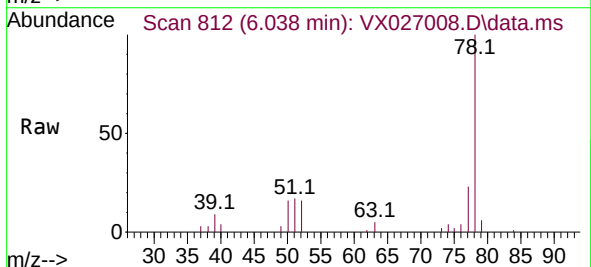
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

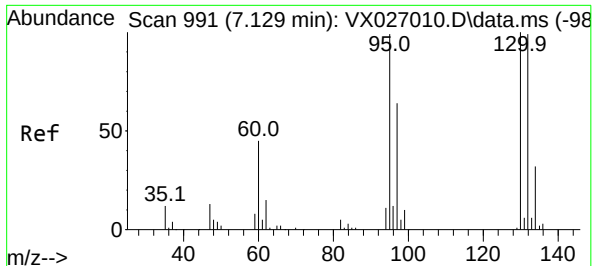
Tgt Ion:117 Resp: 6556
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.8



#33
Benzene
Concen: 4.901 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 78 Resp: 18852





#34

Trichloroethene

Concen: 4.935 ug/L

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD005660

Tgt Ion: 95 Resp: 5430

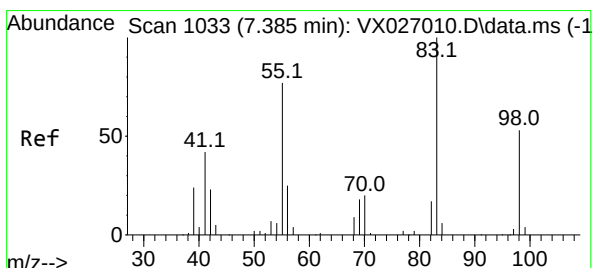
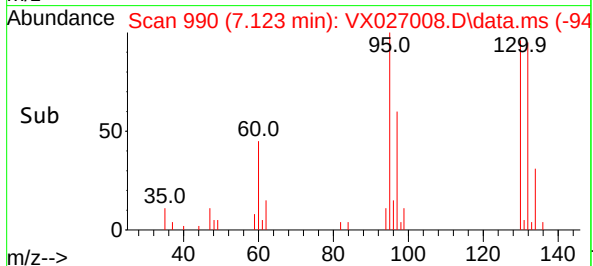
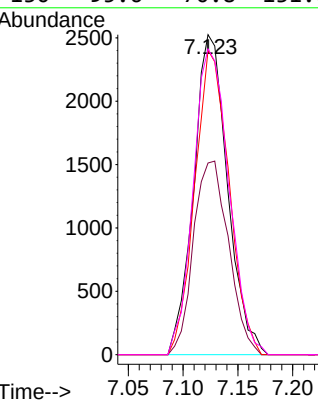
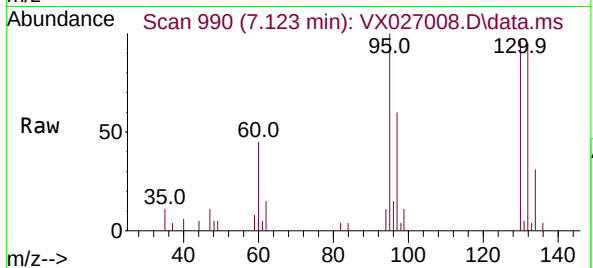
Ion Ratio Lower Upper

95 100

97 59.9 45.5 84.5

132 95.2 69.9 129.7

130 95.6 70.8 131.6



#35

Methylcyclohexane

Concen: 4.722 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

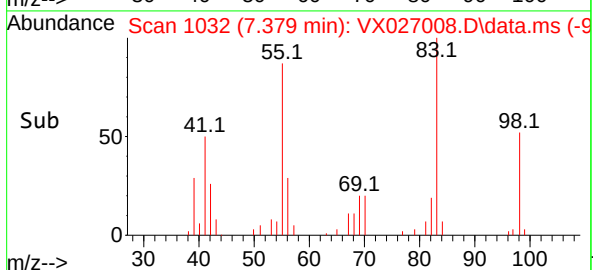
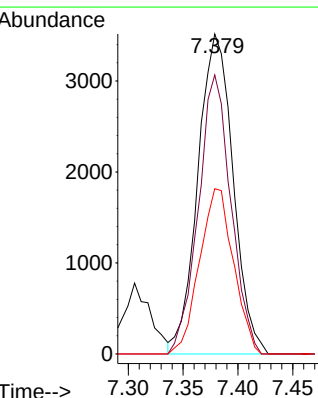
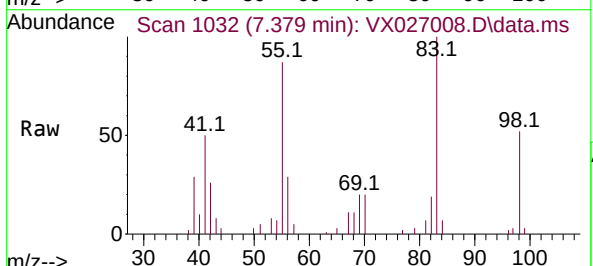
Tgt Ion: 83 Resp: 7852

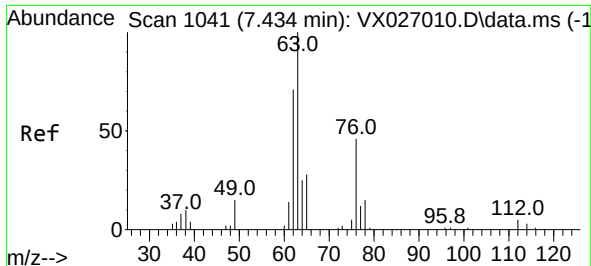
Ion Ratio Lower Upper

83 100

55 80.8 60.6 90.8

98 49.9 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.915 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

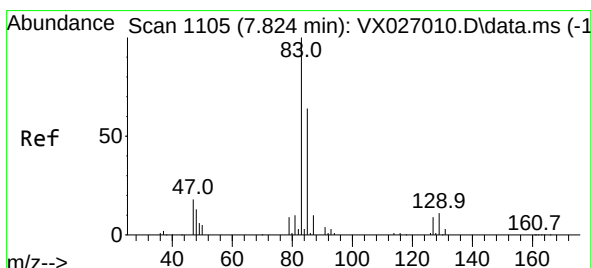
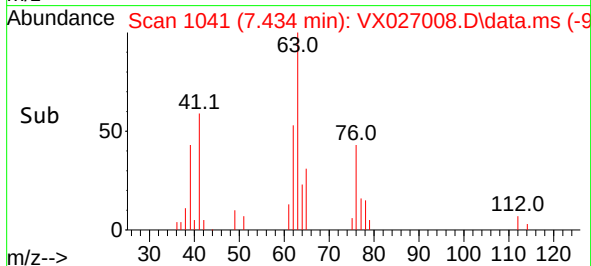
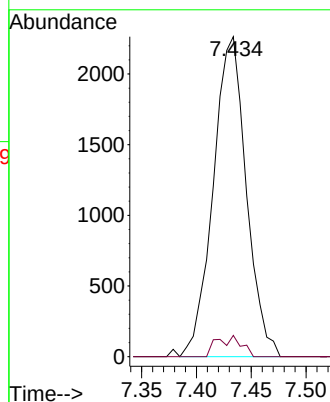
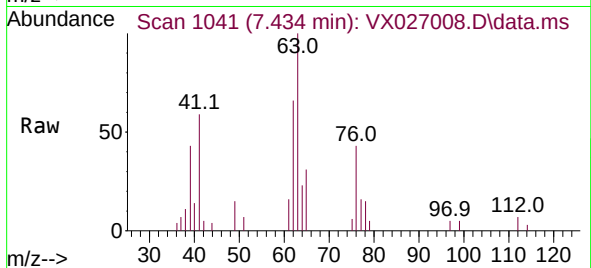
VSTD005660

Tgt Ion: 63 Resp: 4755

Ion Ratio Lower Upper

63 100

112 2.4 3.8 5.8#



#38

Bromodichloromethane

Concen: 4.569 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

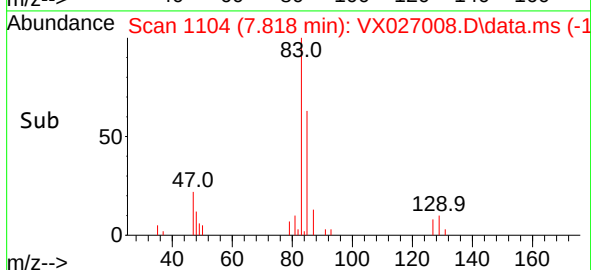
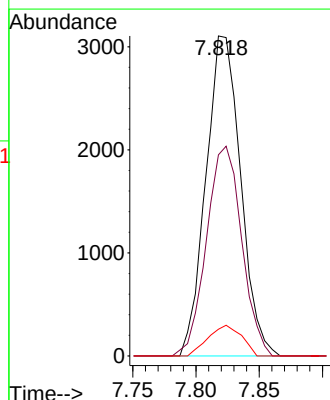
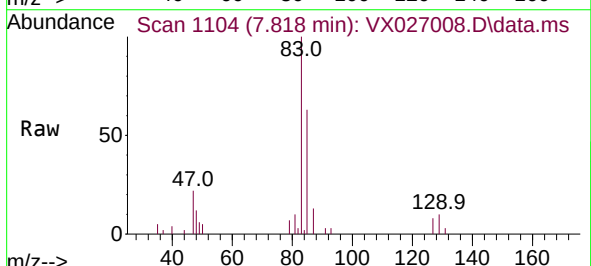
Tgt Ion: 83 Resp: 5934

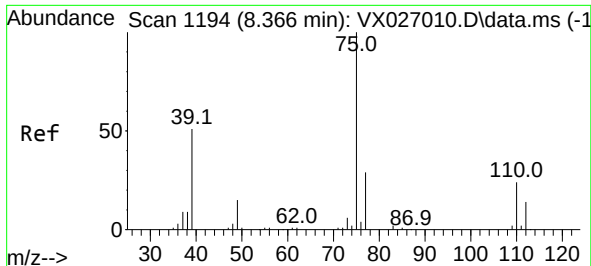
Ion Ratio Lower Upper

83 100

85 62.8 44.7 83.1

127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.286 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

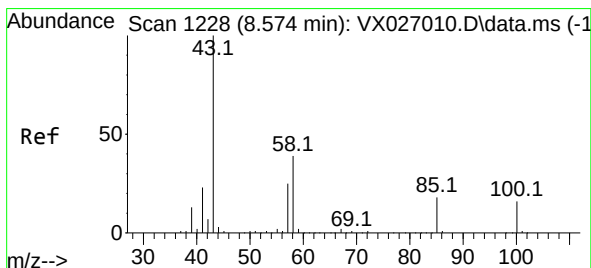
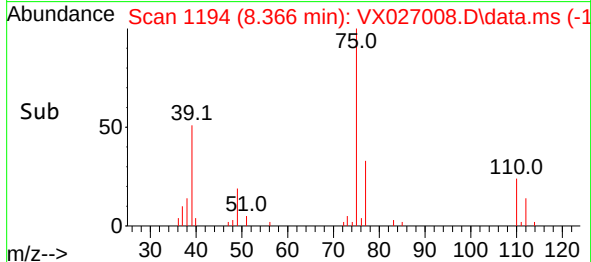
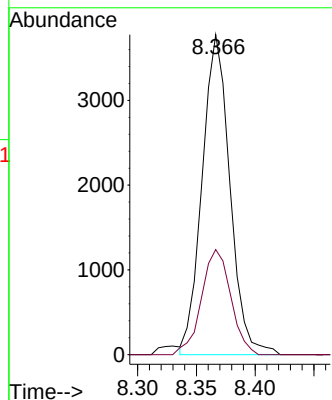
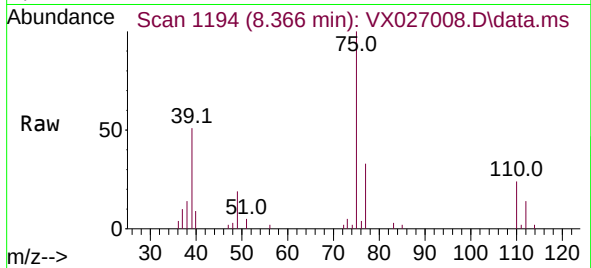
VSTD005660

Tgt Ion: 75 Resp: 6215

Ion Ratio Lower Upper

75 100

77 32.9 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 9.331 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

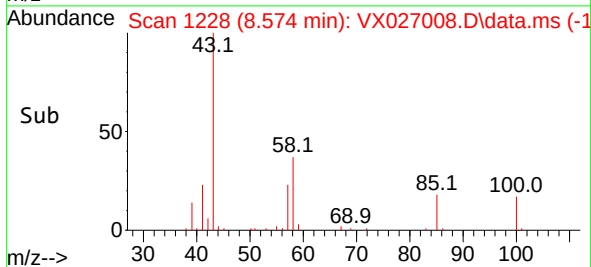
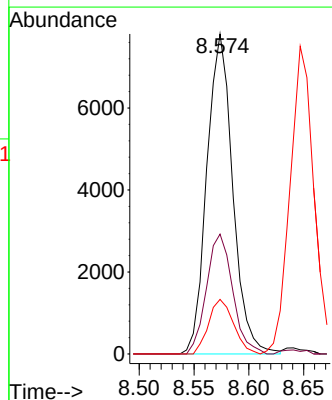
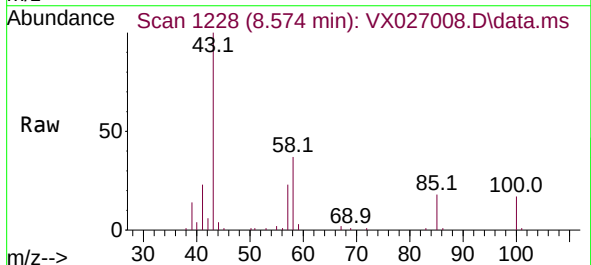
Tgt Ion: 43 Resp: 12832

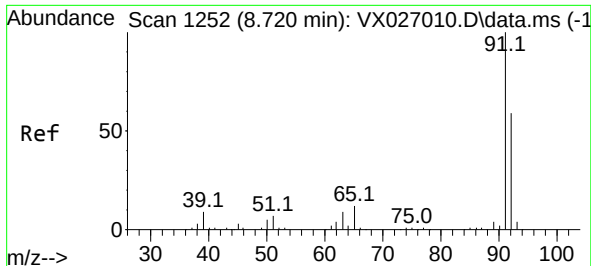
Ion Ratio Lower Upper

43 100

58 37.7 31.0 46.6

100 16.4 13.0 19.4

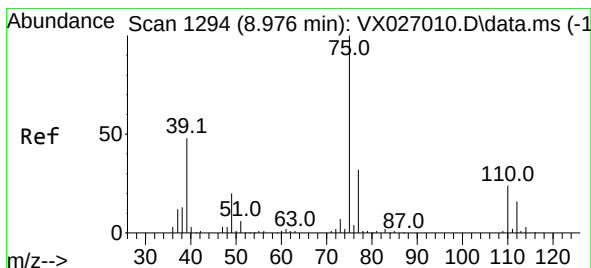
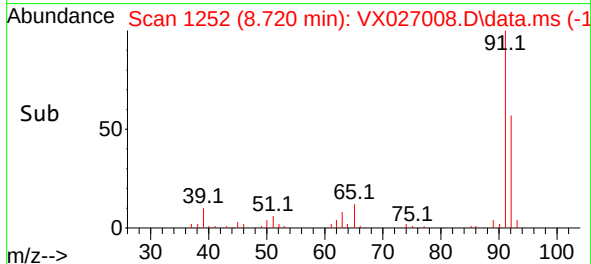
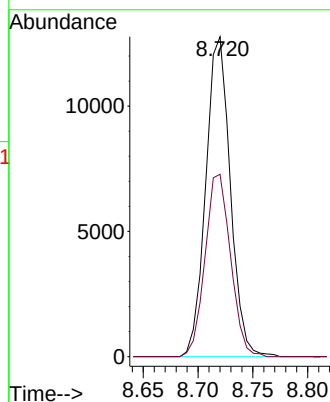
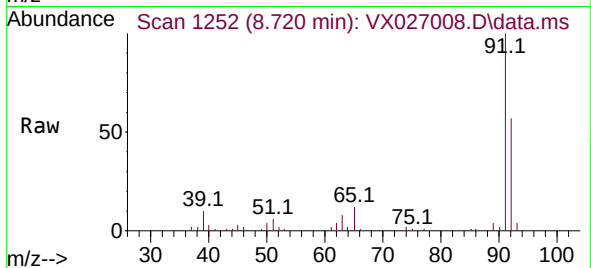




#42
Toluene
Concen: 4.814 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

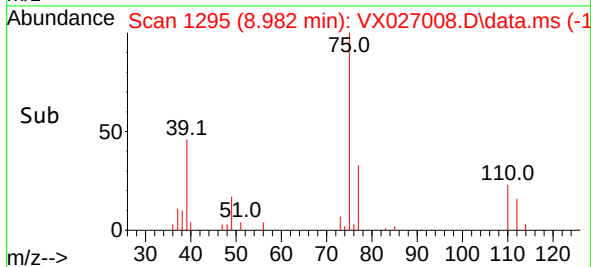
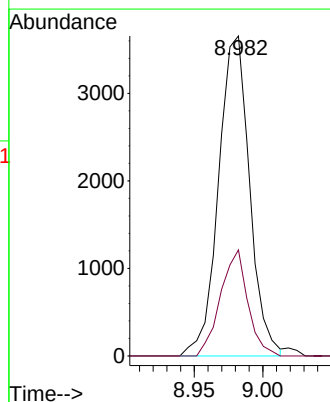
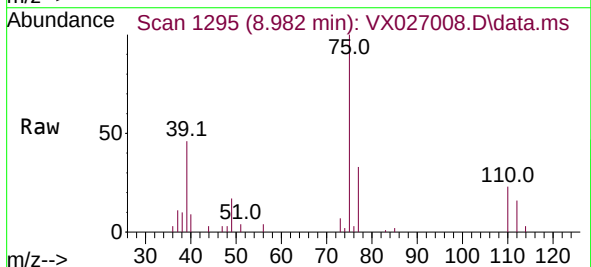
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

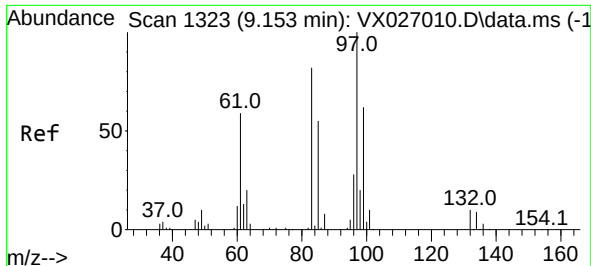
Tgt Ion: 91 Resp: 19883
Ion Ratio Lower Upper
91 100
92 57.0 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 4.227 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 75 Resp: 5760
Ion Ratio Lower Upper
75 100
77 33.2 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 4.795 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD005660

Tgt Ion: 97 Resp: 4536

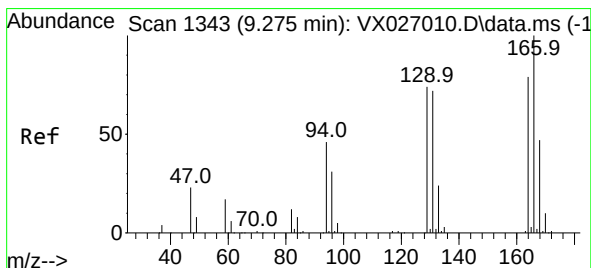
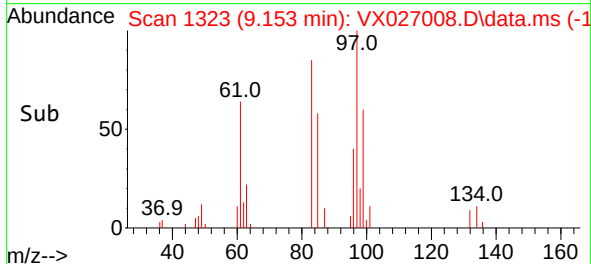
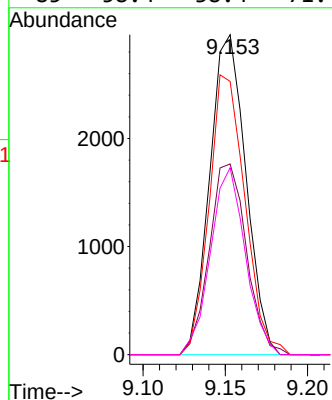
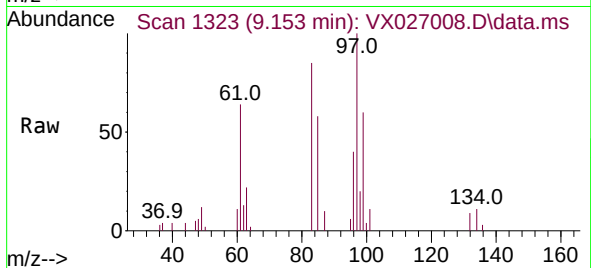
Ion Ratio Lower Upper

97 100

99 59.6 43.3 80.5

83 85.4 57.5 106.9

85 58.4 38.4 71.4



#46

Tetrachloroethene

Concen: 5.025 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Tgt Ion:164 Resp: 4094

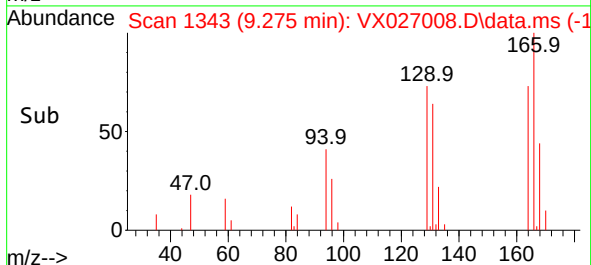
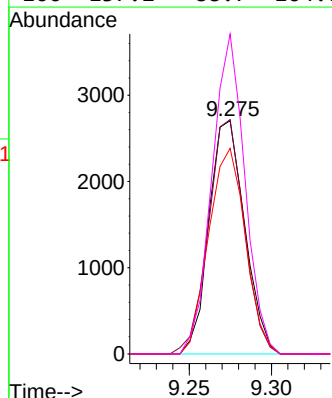
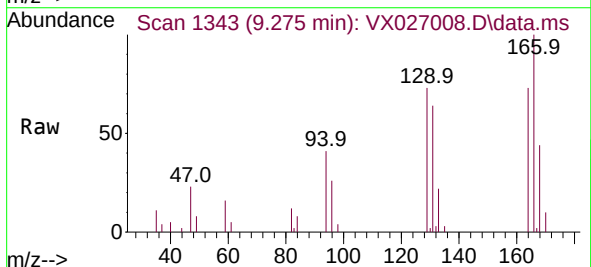
Ion Ratio Lower Upper

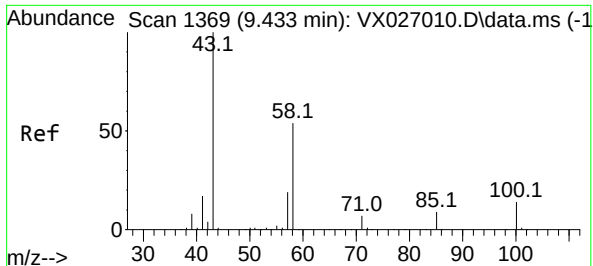
164 100

129 100.4 65.5 121.7

131 88.1 64.3 119.3

166 137.2 88.7 164.7

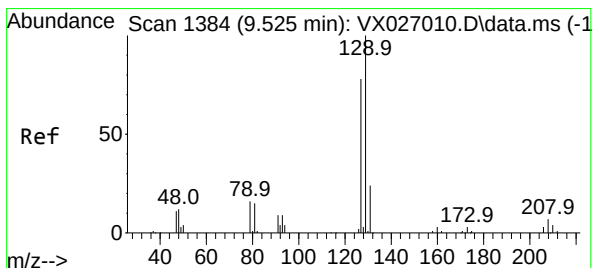
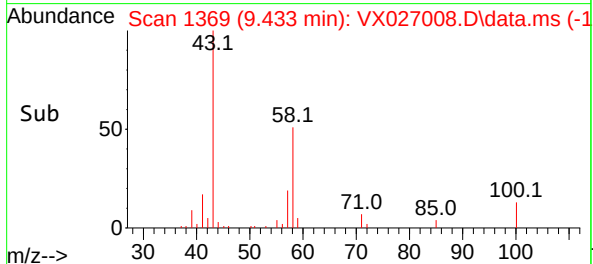
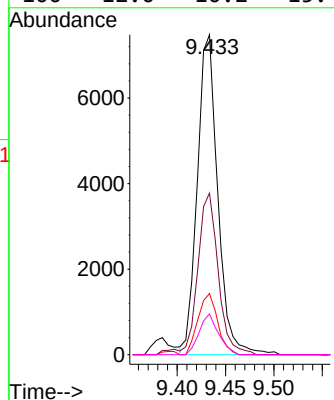
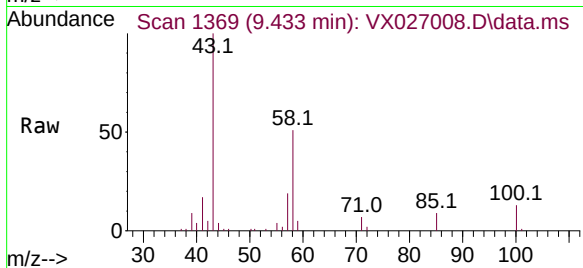




#48
2-Hexanone
Concen: 9.921 ug/L
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

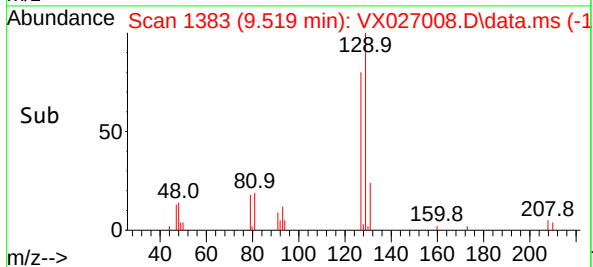
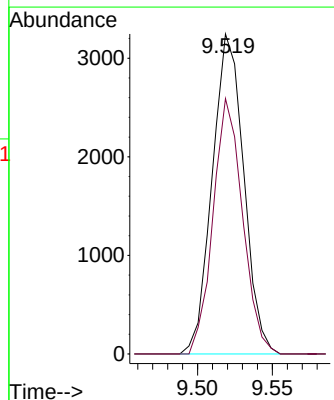
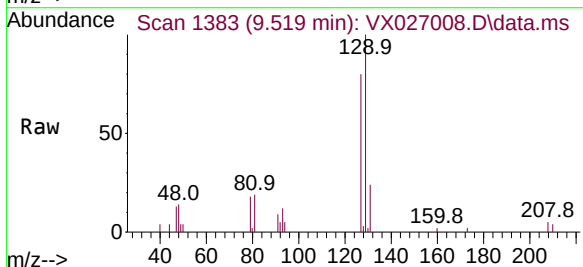
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

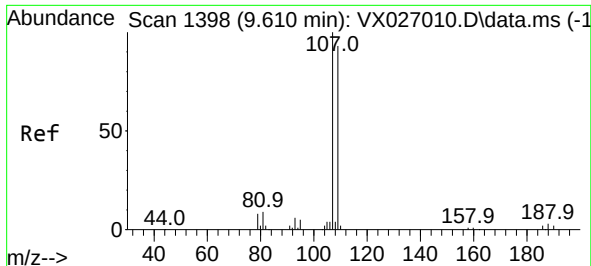
Tgt Ion:	43	Resp:	11046
Ion	Ratio	Lower	Upper
43	100		
58	49.8	42.9	64.3
57	18.3	15.3	22.9
100	12.0	10.2	15.4



#49
Dibromochloromethane
Concen: 4.582 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion:	129	Resp:	4753
Ion	Ratio	Lower	Upper
129	100		
127	79.8	54.3	100.9

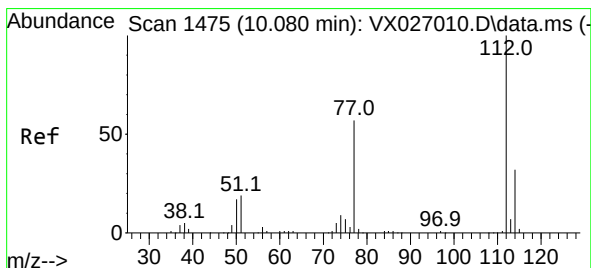
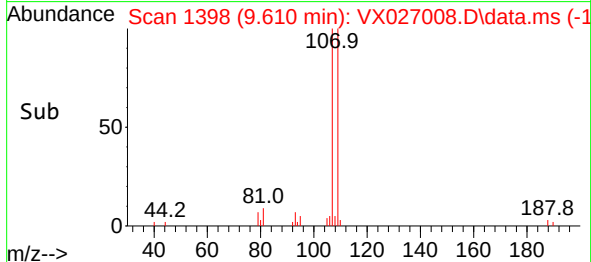
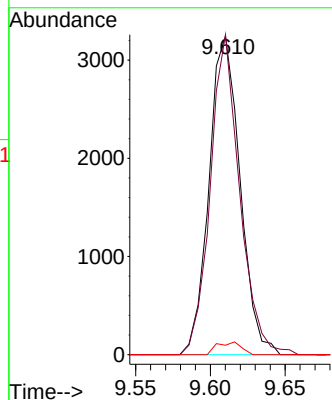
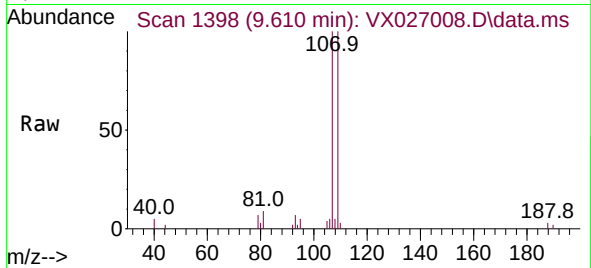




#50
1,2-Dibromoethane
Concen: 4.720 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

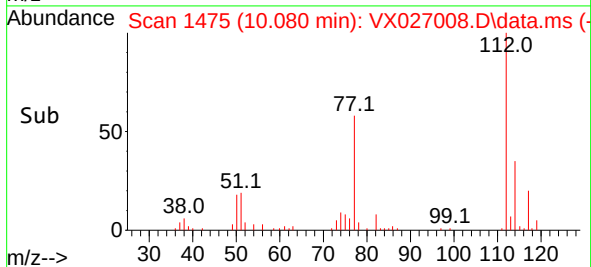
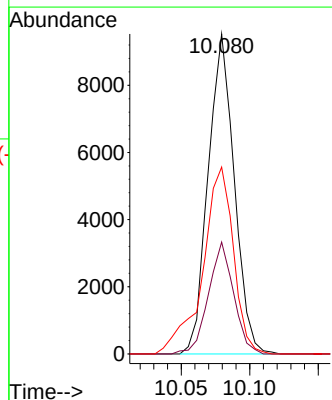
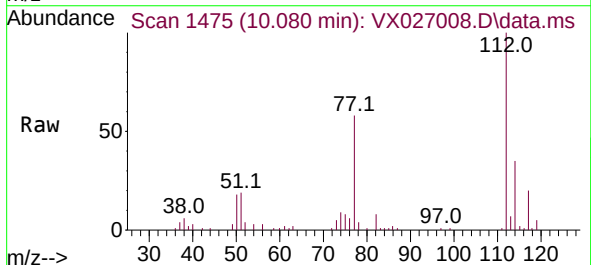
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

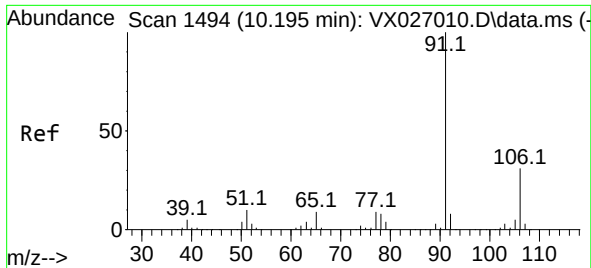
Tgt Ion:	107	Resp:	4687
Ion	Ratio	Lower	Upper
107	100		
109	100.4	64.9	120.5
188	3.0	2.7	4.1



#51
Chlorobenzene
Concen: 4.778 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion:	112	Resp:	12637
Ion	Ratio	Lower	Upper
112	100		
114	34.9	22.2	41.2
77	58.4	45.9	68.9

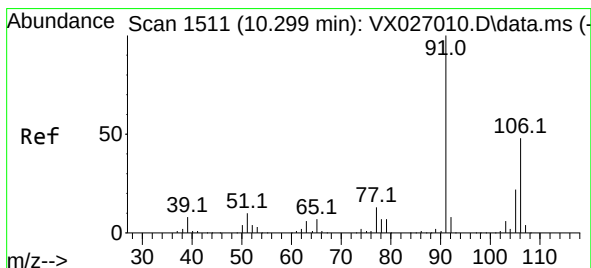
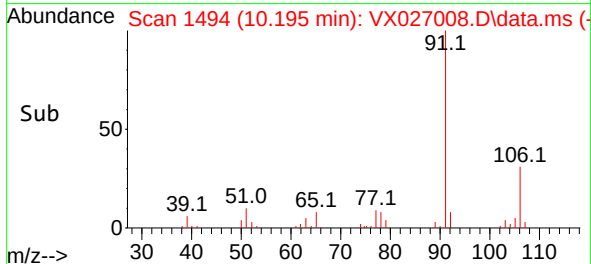
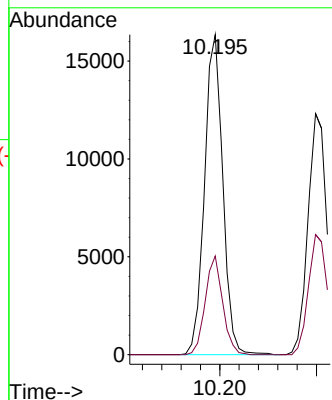
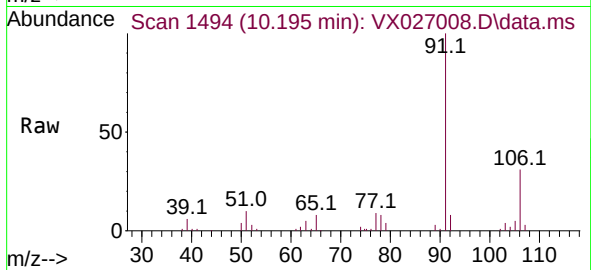




#52
Ethylbenzene
Concen: 4.836 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

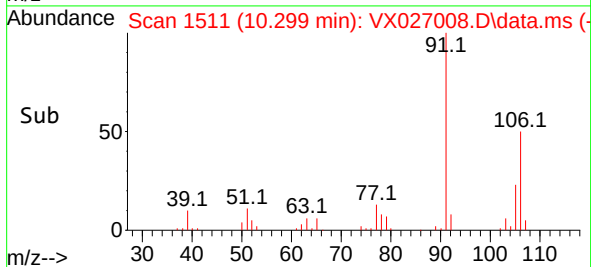
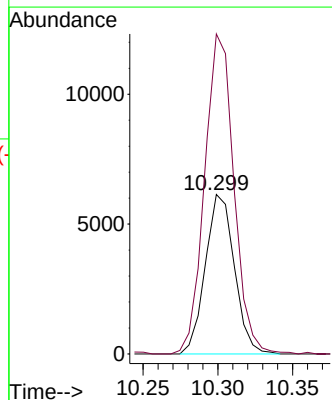
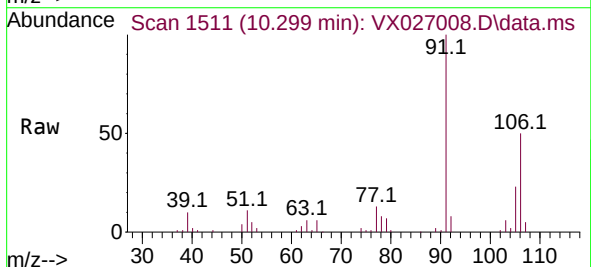
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

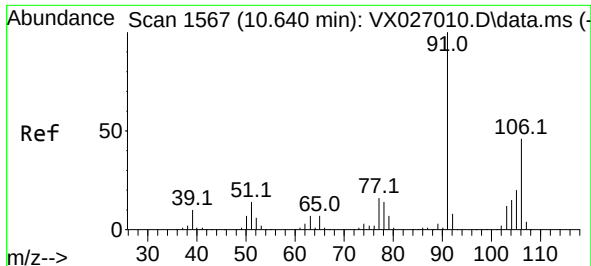
Tgt Ion: 91 Resp: 21482
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 4.734 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion:106 Resp: 8292
Ion Ratio Lower Upper
106 100
91 200.7 145.7 270.5

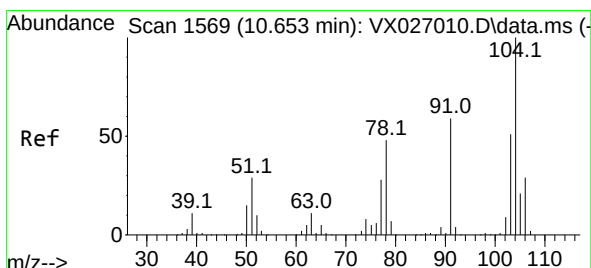
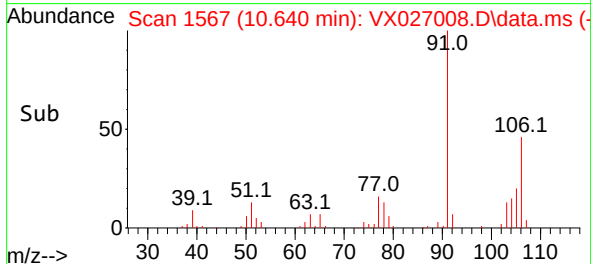
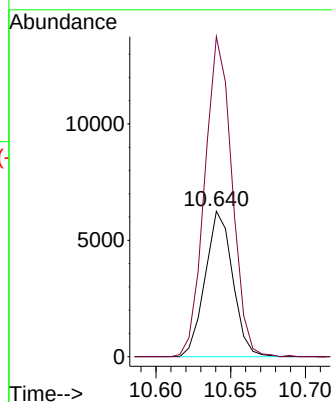
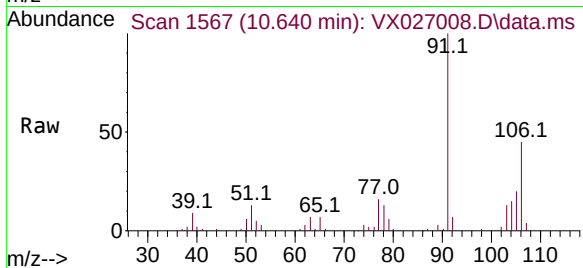




#54
o-Xylene
Concen: 4.778 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

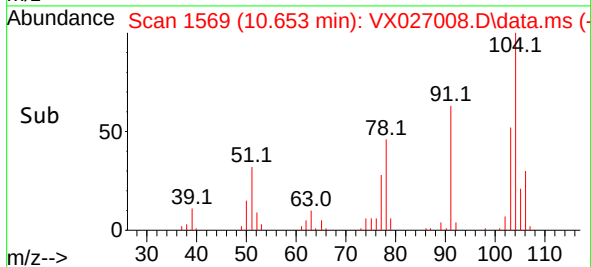
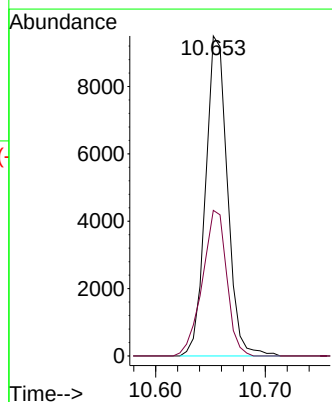
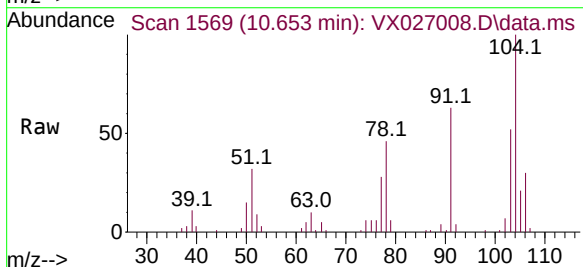
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

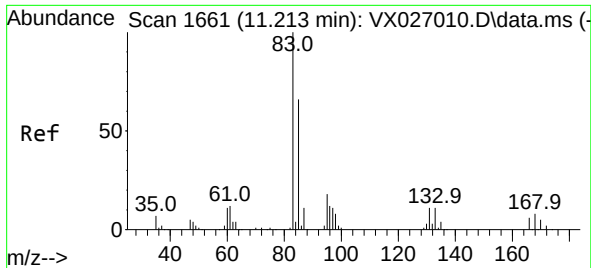
Tgt Ion:106 Resp: 8005
Ion Ratio Lower Upper
106 100
91 220.0 151.2 280.8



#55
Styrene
Concen: 4.630 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion:104 Resp: 13136
Ion Ratio Lower Upper
104 100
78 45.5 33.3 61.9

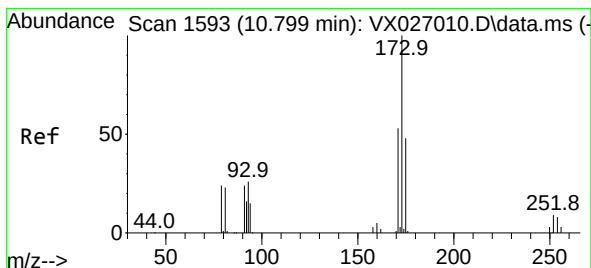
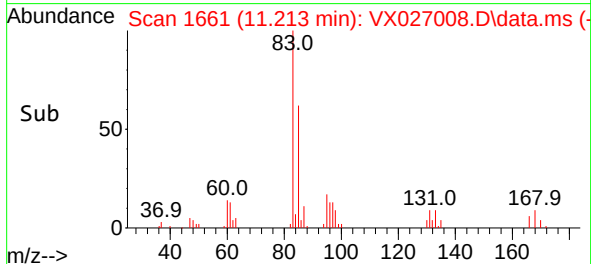
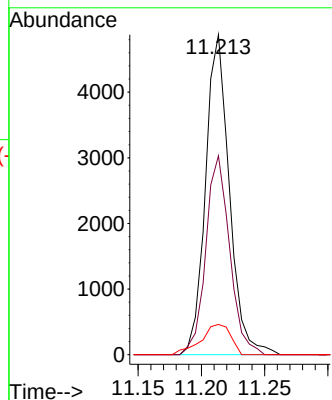
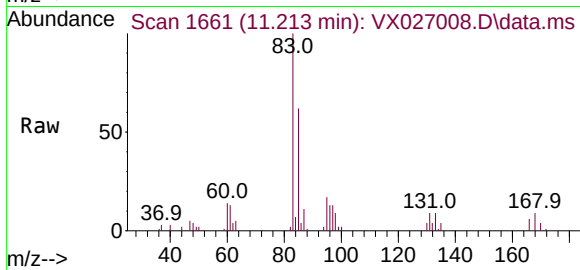




#57
1,1,2,2-Tetrachloroethane
Concen: 5.109 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

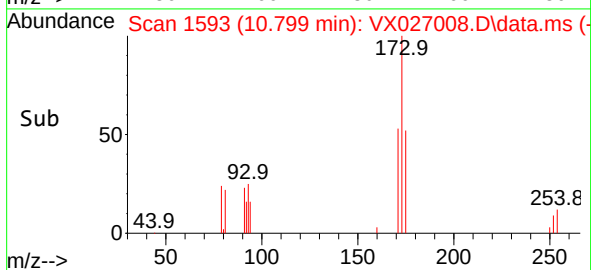
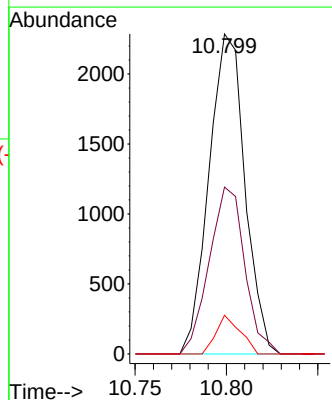
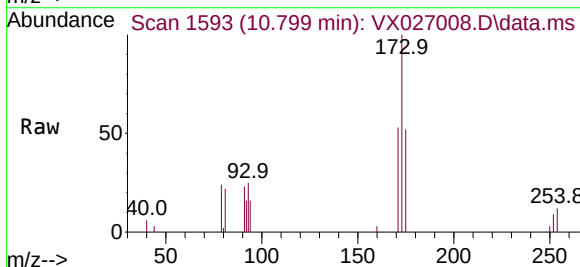
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

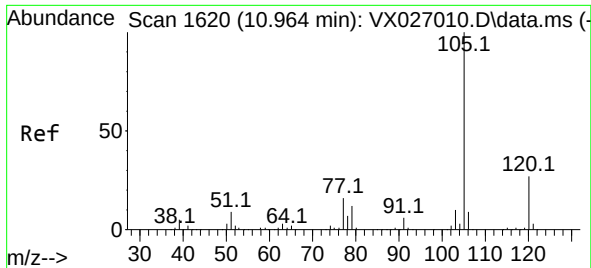
Tgt Ion: 83 Resp: 6400
Ion Ratio Lower Upper
83 100
85 62.2 45.8 85.2
131 9.5 8.5 12.7



#59
Bromoform
Concen: 4.456 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 173 Resp: 3127
Ion Ratio Lower Upper
173 100
175 51.6 38.9 58.3
254 8.1 7.0 10.6

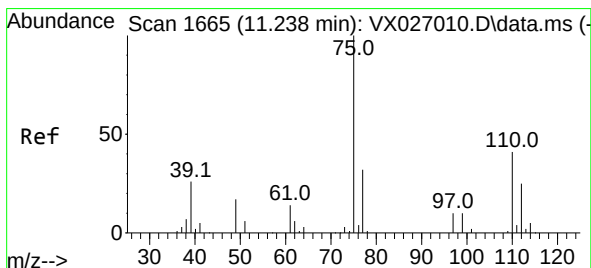
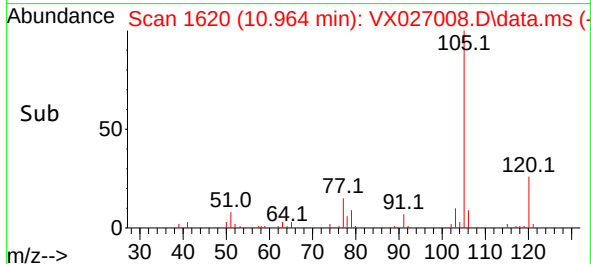
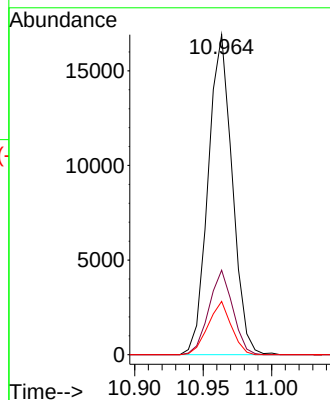
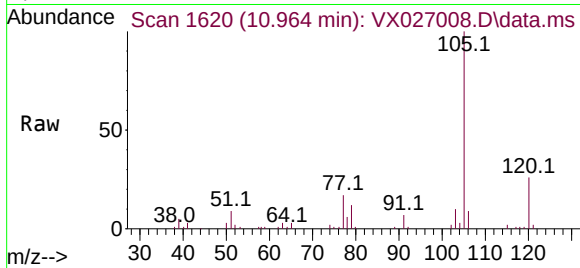




#60
Isopropylbenzene
Concen: 4.681 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

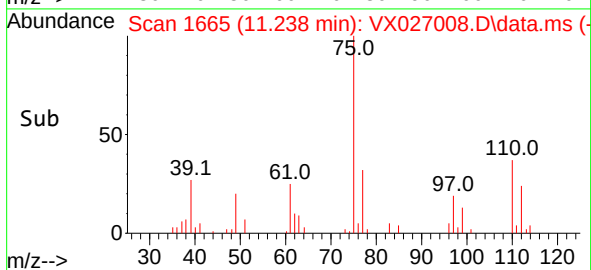
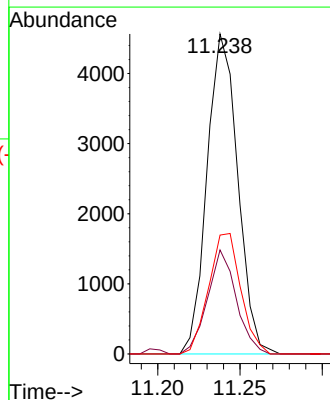
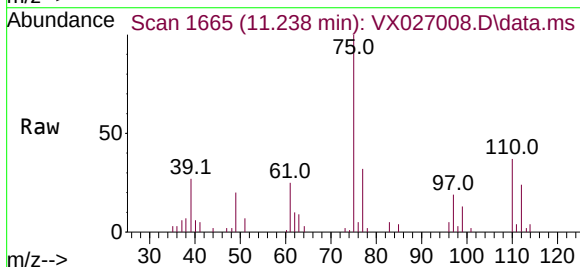
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

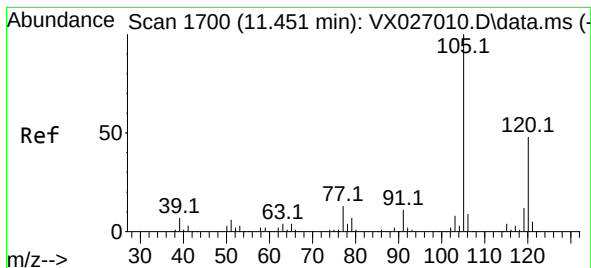
Tgt Ion:105 Resp: 20683
Ion Ratio Lower Upper
105 100
120 26.1 21.2 31.8
77 16.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.100 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 75 Resp: 5916
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6
110 39.4 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 4.517 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX027008.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_X

ClientSampleId :

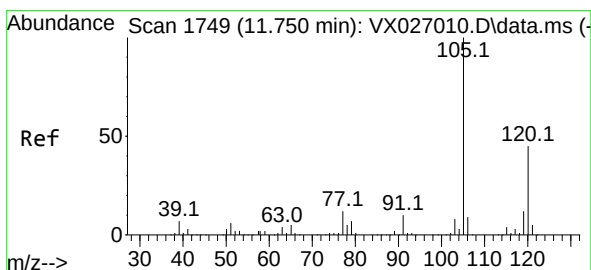
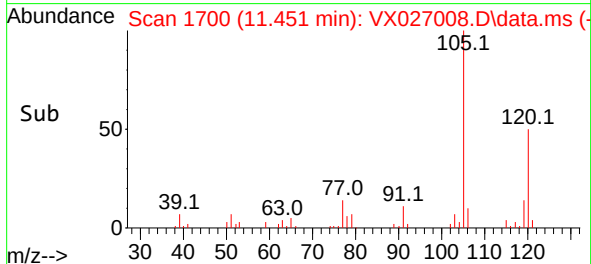
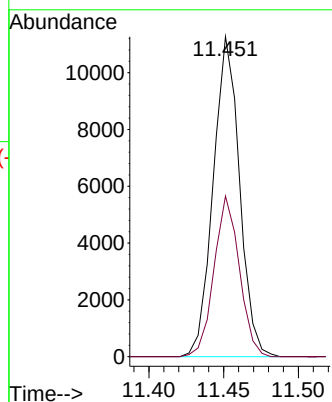
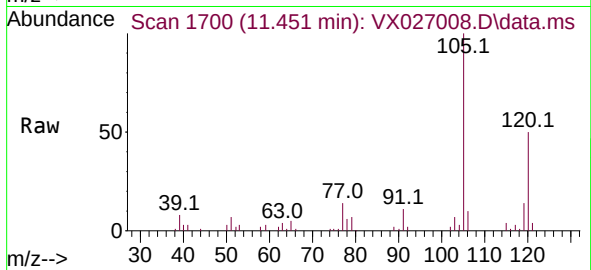
VSTD005660

Tgt Ion:105 Resp: 13768

Ion Ratio Lower Upper

105 100

120 48.2 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 4.543 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX027008.D

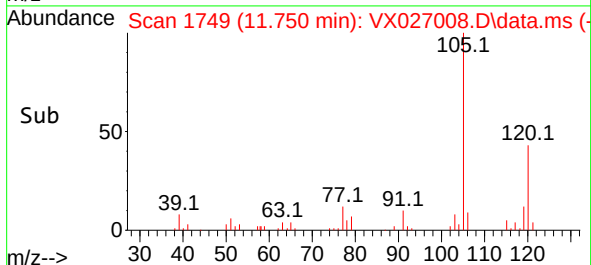
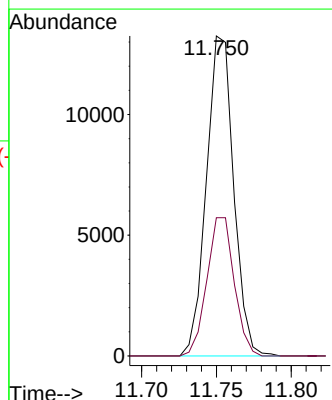
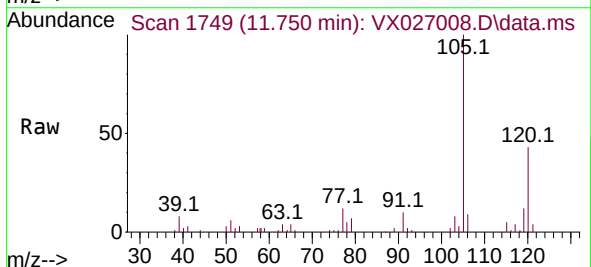
Acq: 14 Feb 2022 10:11

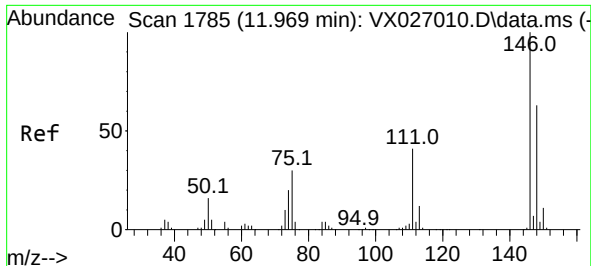
Tgt Ion:105 Resp: 16817

Ion Ratio Lower Upper

105 100

120 43.3 36.1 54.1

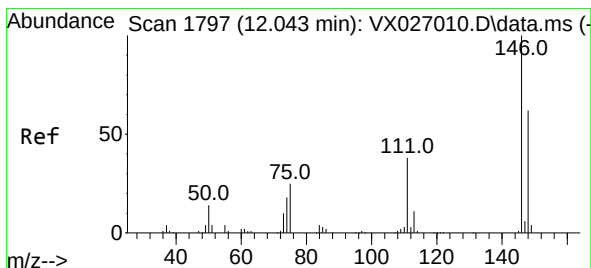
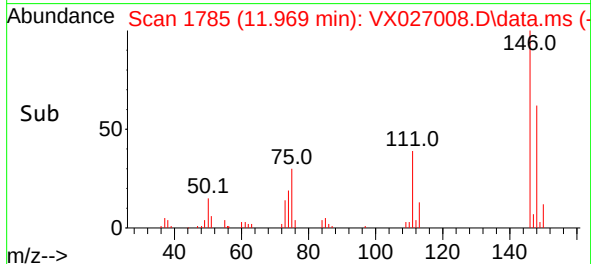
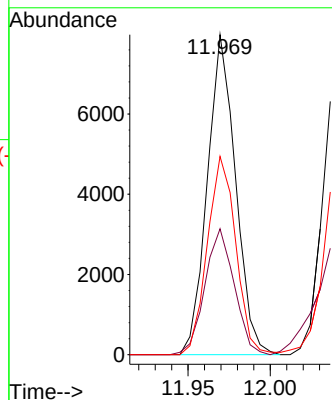
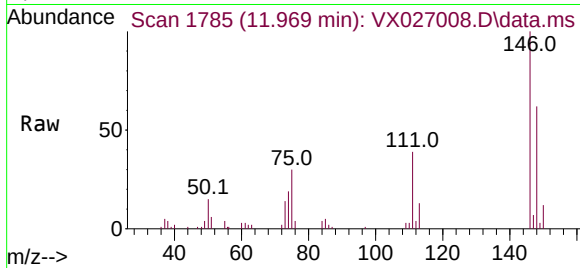




#64
1,3-Dichlorobenzene
Concen: 4.850 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

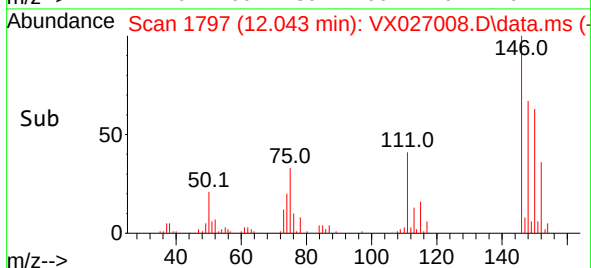
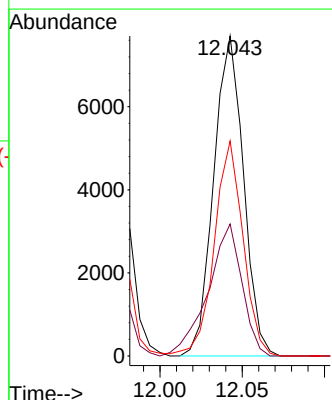
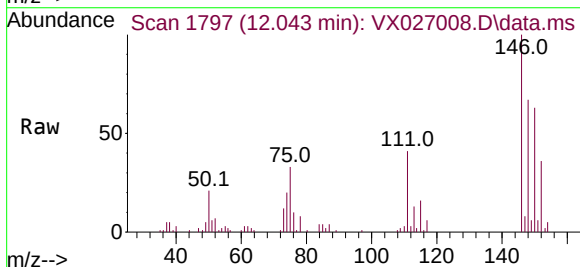
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

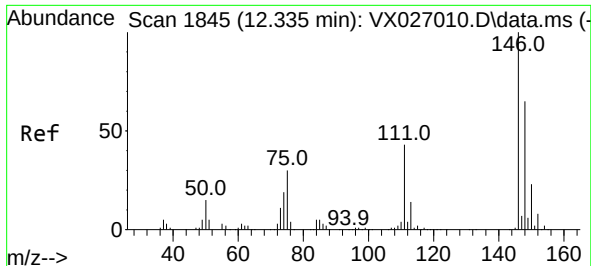
Tgt Ion:146 Resp: 9533
Ion Ratio Lower Upper
146 100
111 39.4 28.3 52.7
148 62.0 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.903 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion:146 Resp: 9698
Ion Ratio Lower Upper
146 100
111 41.3 26.5 49.3
148 67.2 43.5 80.7

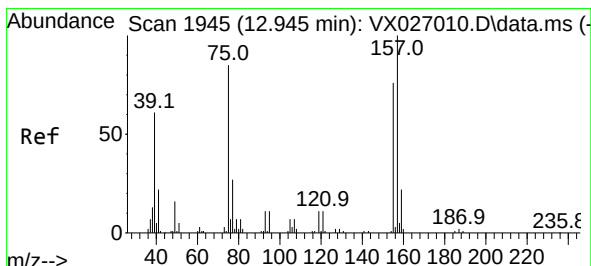
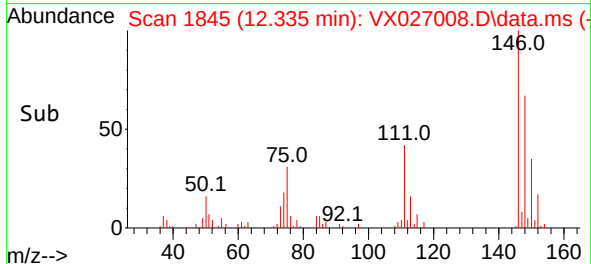
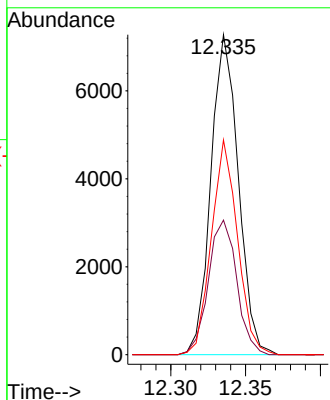
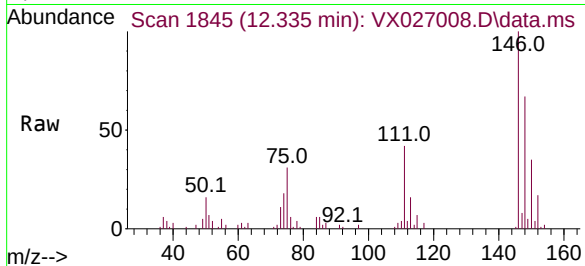




#67
1,2-Dichlorobenzene
Concen: 4.878 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

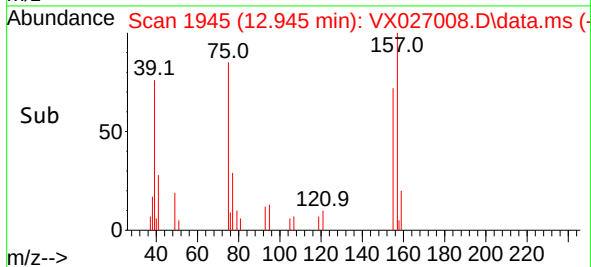
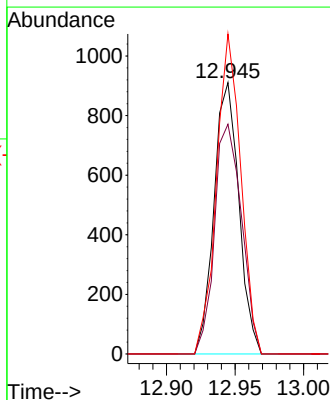
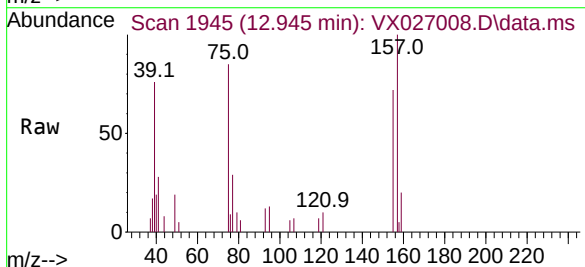
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

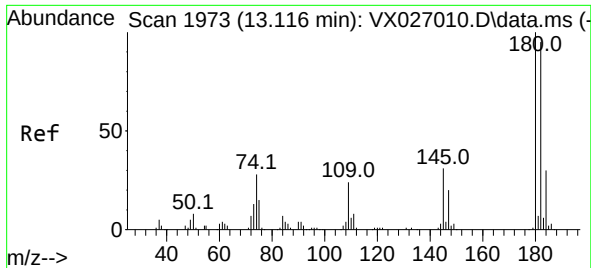
Tgt Ion:146 Resp: 9270
Ion Ratio Lower Upper
146 100
111 42.0 34.5 51.7
148 67.1 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.075 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 75 Resp: 1148
Ion Ratio Lower Upper
75 100
155 84.6 71.6 107.4
157 117.9 93.8 140.6

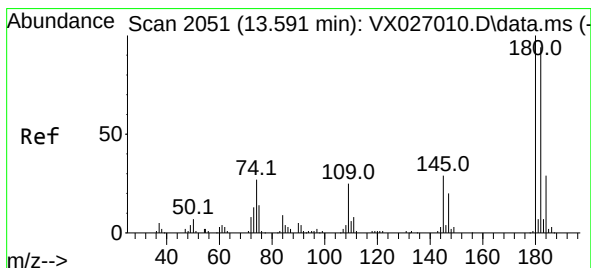
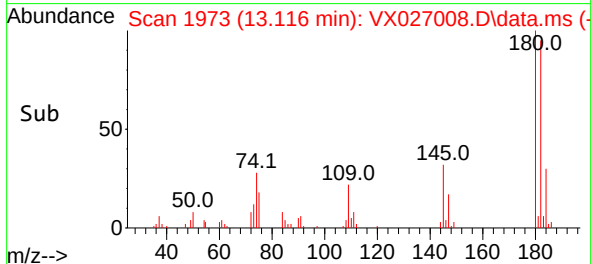
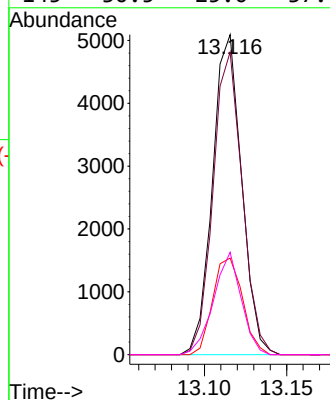
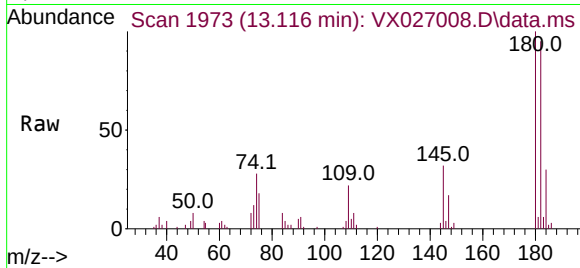




#69
1,3,5-Trichlorobenzene
Concen: 4.643 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

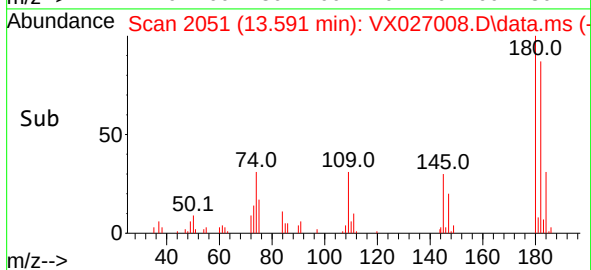
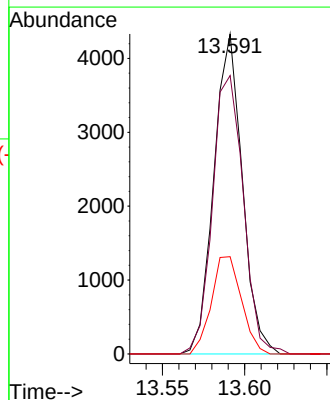
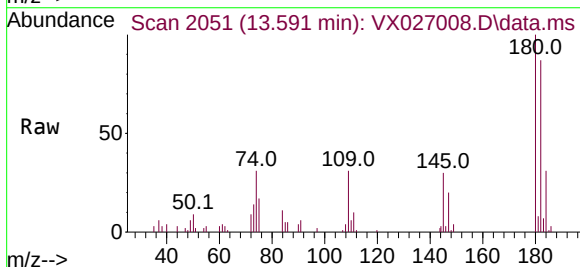
Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

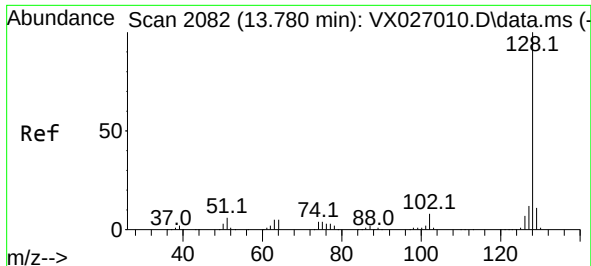
Tgt Ion:180	Resp:	6271	
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.6	113.4
184	30.9	23.6	35.4
145	30.5	25.0	37.4



#70
1,2,4-trichlorobenzene
Concen: 4.375 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion:180	Resp:	5217	
Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.2
145	32.2	25.0	37.4

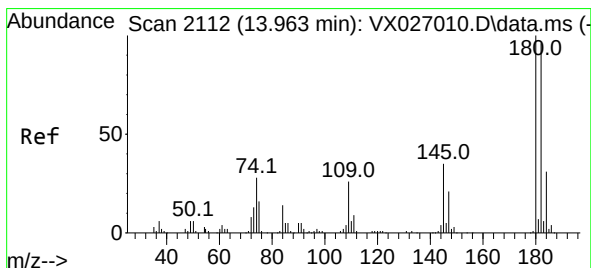
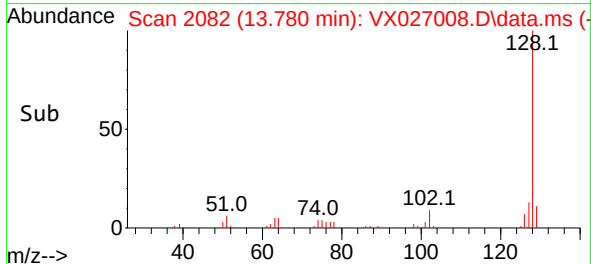
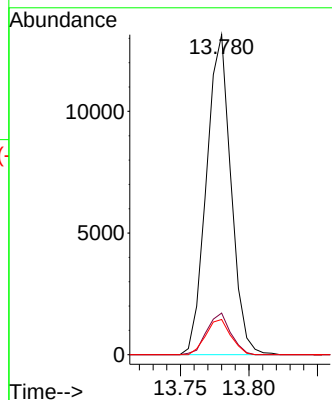
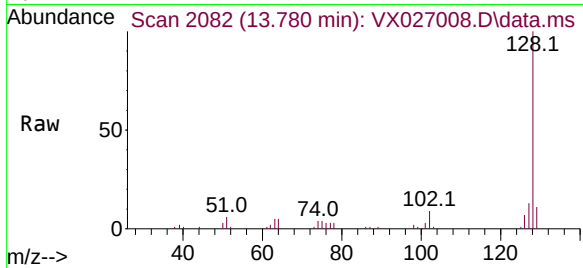




#71
Naphthalene
Concen: 4.121 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTD005660

Tgt Ion:128	Resp:	16364
Ion	Ratio	Lower Upper
128	100	
127	12.7	10.2 15.2
129	11.2	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.506 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027008.D
Acq: 14 Feb 2022 10:11

Tgt Ion:180	Resp:	5373
Ion	Ratio	Lower Upper
180	100	
182	93.5	77.0 115.4
145	33.9	27.4 41.0

