

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027009.D
 Acq On : 14 Feb 2022 10:34
 Operator : JC/MD
 Sample : VSTD010661
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010661

Quant Time: Feb 15 05:00:12 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	117331	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	108914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	55392	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	11118	10.675	ug/L	0.00
7) Chloroethane-d5	1.672	69	7664	11.469	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	21313	10.673	ug/L	0.00
21) 2-Butanone-d5	4.458	46	15163	20.960	ug/L	0.00
24) Chloroform-d	5.056	84	21141	10.809	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	13927	10.987	ug/L	0.00
32) Benzene-d6	5.977	84	42833	10.917	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	12469	10.699	ug/L	0.00
41) Toluene-d8	8.647	98	38907	10.838	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5172	9.733	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	10648	21.133	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	15592	11.320	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	13663	10.859	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	13457	10.686	ug/L	100
3) Chloromethane	1.294	50	10864	10.962	ug/L	99
5) Vinyl chloride	1.380	62	10613	10.651	ug/L	100
6) Bromomethane	1.618	94	4719	11.133	ug/L	95
8) Chloroethane	1.697	64	6069	11.267	ug/L	93
9) Trichlorofluoromethane	1.898	101	15073	10.874	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	9503	10.634	ug/L	98
12) 1,1-Dichloroethene	2.325	96	8593	10.467	ug/L	99
13) Acetone	2.386	43	14150	23.241	ug/L	97
14) Carbon disulfide	2.520	76	25546	10.504	ug/L	98
15) Methyl Acetate	2.703	43	10157	10.799	ug/L	98
16) Methylene chloride	2.794	84	9438	10.493	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	9240	10.637	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	27473	10.306	ug/L	98
19) 1,1-Dichloroethane	3.611	63	16690	10.772	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	10029	10.521	ug/L	97
22) 2-Butanone	4.562	43	17103	21.932	ug/L	97
23) Bromochloromethane	4.904	128	4973	10.217	ug/L	92
25) Chloroform	5.105	83	17615	10.629	ug/L	99
27) 1,2-Dichloroethane	6.092	62	13818	10.779	ug/L	98
29) Cyclohexane	5.477	56	16032	10.737	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	14674	10.354	ug/L	97
31) Carbon tetrachloride	5.684	117	13060	10.388	ug/L	99
33) Benzene	6.044	78	37812	10.745	ug/L	100
34) Trichloroethene	7.129	95	10491	10.422	ug/L	97
35) Methylcyclohexane	7.385	83	15902	10.453	ug/L	98
37) 1,2-Dichloropropane	7.434	63	9379	10.597	ug/L	99
38) Bromodichloromethane	7.824	83	12561	10.573	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	13260	9.996	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	26474	21.042	ug/L	99
42) Toluene	8.720	91	40907	10.826	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	11850	9.505	ug/L	97

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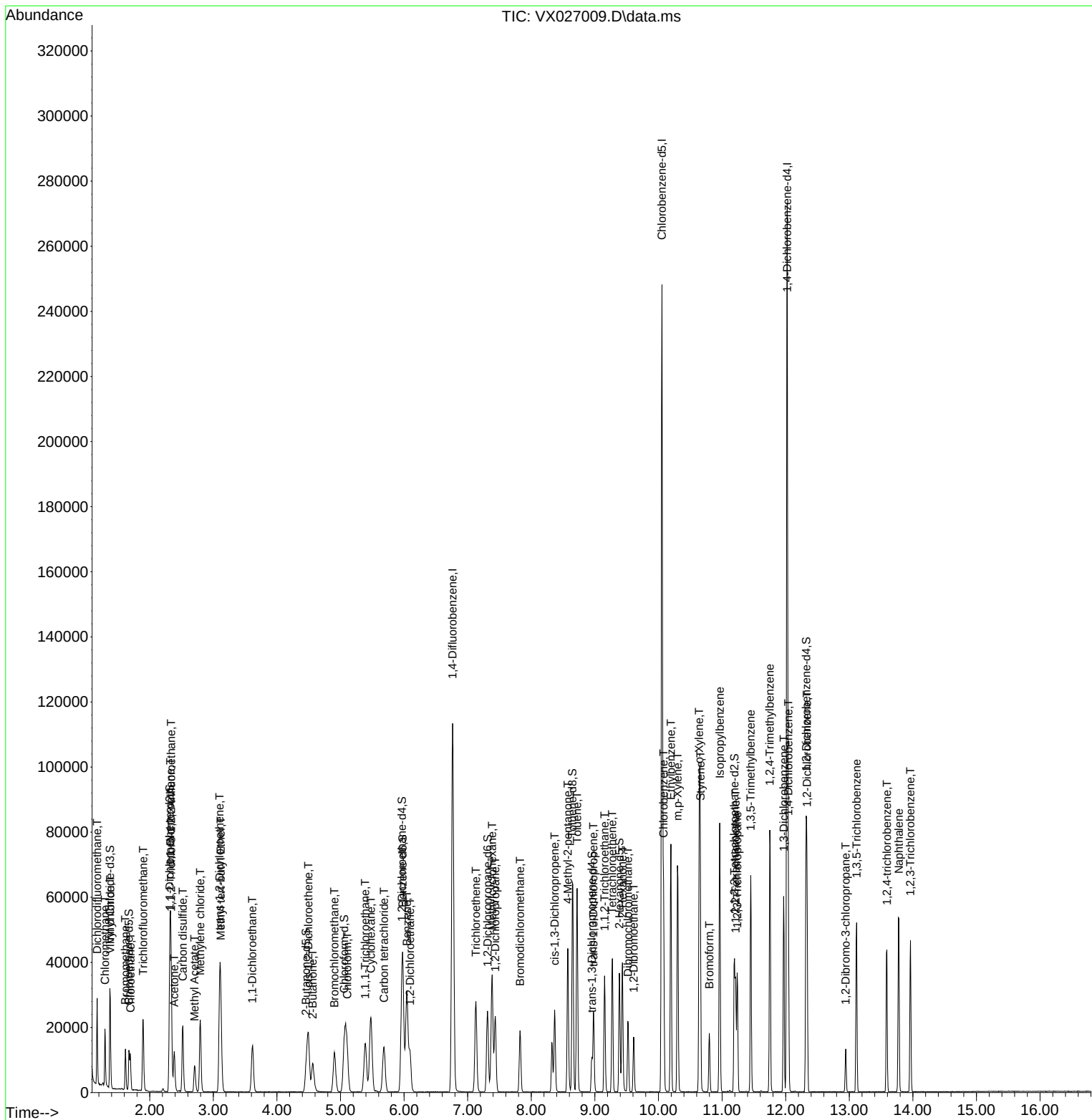
Instrument :
 MSVOA_X
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 VSTD010661

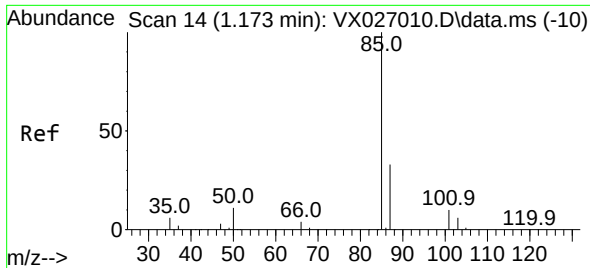
Quant Time: Feb 15 05:00:12 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	9358	10.813	ug/L	97
46) Tetrachloroethene	9.275	164	7805	10.472	ug/L	95
48) 2-Hexanone	9.433	43	22240	21.834	ug/L	99
49) Dibromochloromethane	9.519	129	9592	10.107	ug/L	97
50) 1,2-Dibromoethane	9.610	107	9447	10.398	ug/L	97
51) Chlorobenzene	10.079	112	25742	10.639	ug/L	99
52) Ethylbenzene	10.195	91	42292	10.406	ug/L	99
53) m,p-Xylene	10.299	106	16907	10.551	ug/L	95
54) o-Xylene	10.640	106	16049	10.471	ug/L	93
55) Styrene	10.659	104	27127	10.450	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	12639	11.029	ug/L	97
59) Bromoform	10.799	173	6524	10.264	ug/L	95
60) Isopropylbenzene	10.963	105	42438	10.604	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	11768	11.201	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	28429	10.299	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	35221	10.506	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	18915	10.625	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	19164	10.697	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	18419	10.701	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	2553	10.007	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	12384	10.123	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	10619	9.831	ug/L	98
71) Naphthalene	13.780	128	35192	9.785	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	10997	10.183	ug/L	97

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

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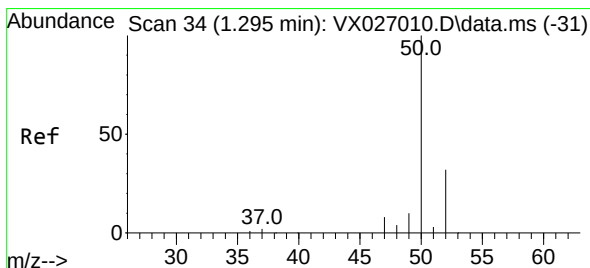
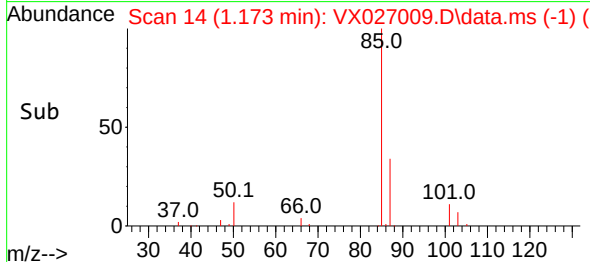
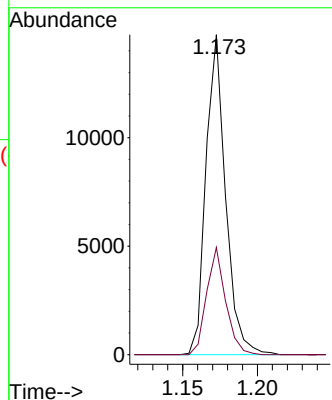
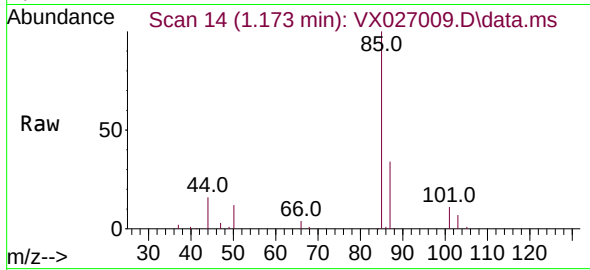




#2
 Dichlorodifluoromethane
 Concen: 10.686 ug/L
 RT: 1.173 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX027009.D
 Acq: 14 Feb 2022 10:34

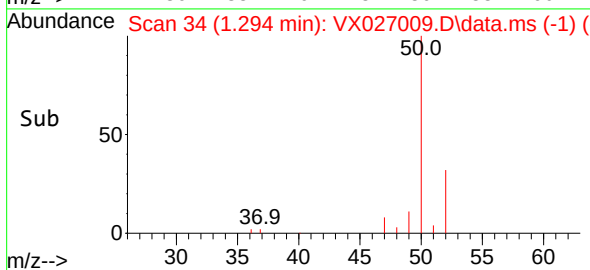
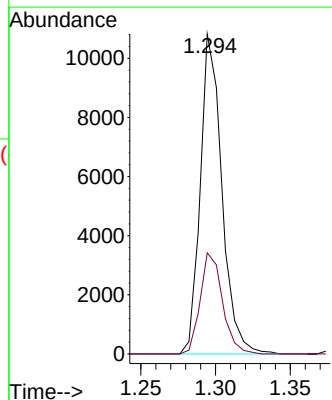
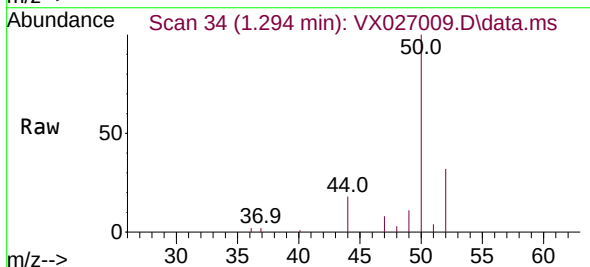
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010661

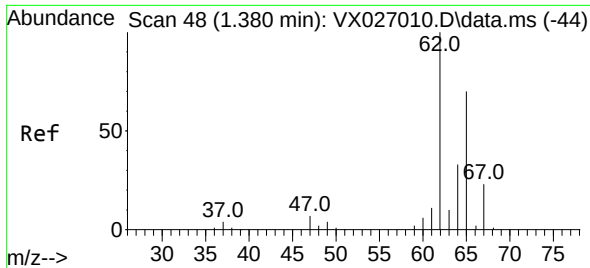
Tgt Ion: 85 Resp: 13457
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 10.962 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX027009.D
 Acq: 14 Feb 2022 10:34

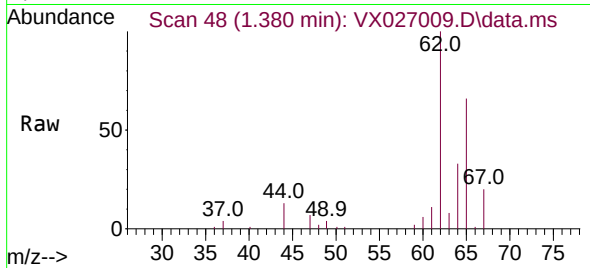
Tgt Ion: 50 Resp: 10864
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.5 41.7



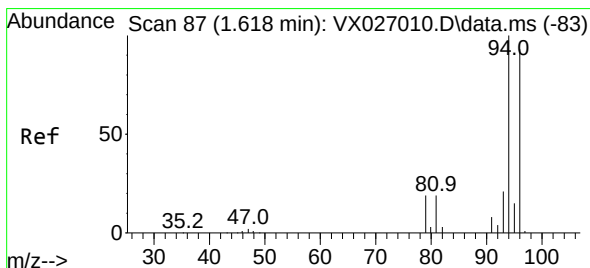
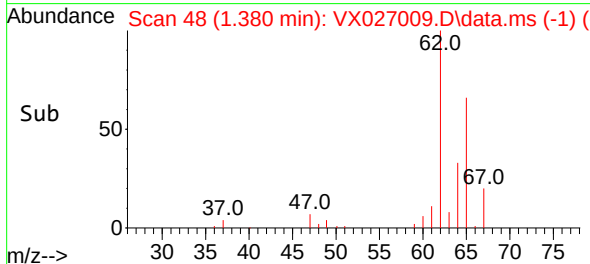
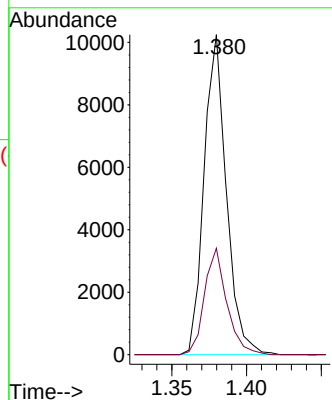


#5
 Vinyl chloride
 Concen: 10.651 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VX027009.D
 Acq: 14 Feb 2022 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010661

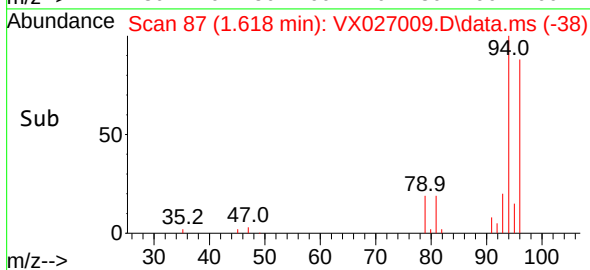
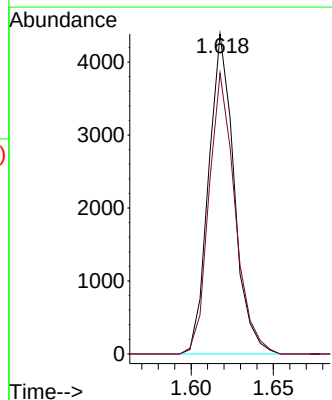
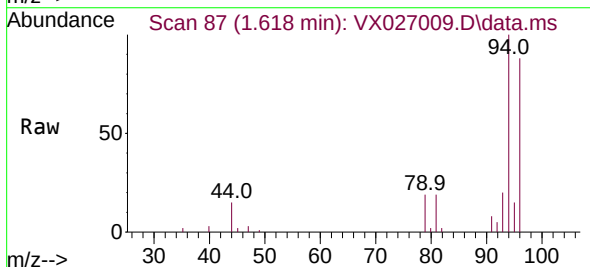


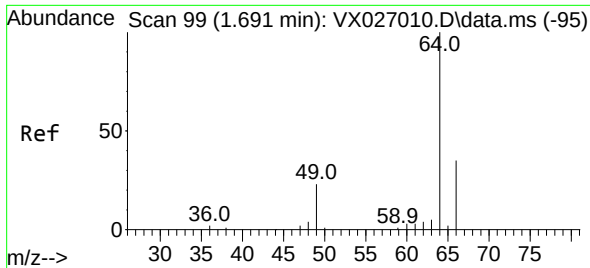
Tgt Ion: 62 Resp: 10613
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.3 43.3



#6
 Bromomethane
 Concen: 11.133 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX027009.D
 Acq: 14 Feb 2022 10:34

Tgt Ion: 94 Resp: 4719
 Ion Ratio Lower Upper
 94 100
 96 87.7 64.9 120.5

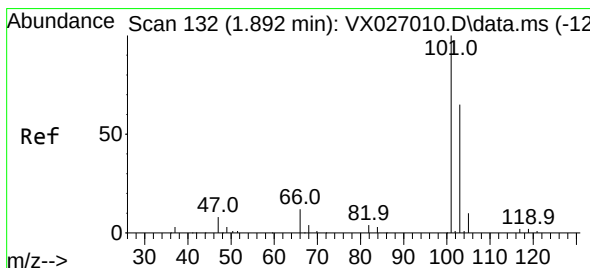
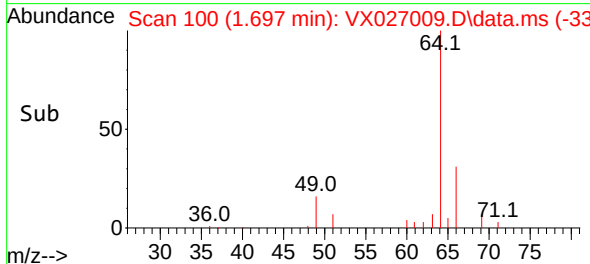
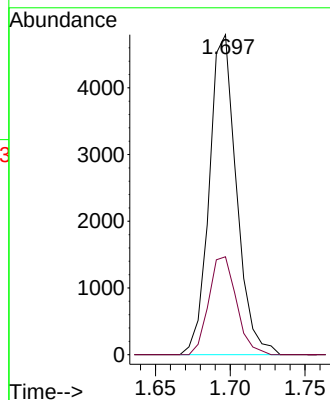
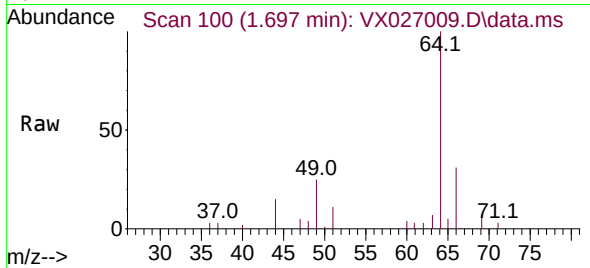




#8
Chloroethane
Concen: 11.267 ug/L
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

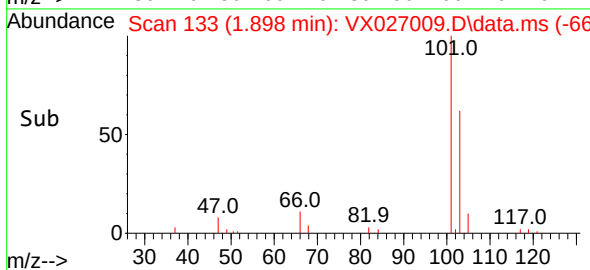
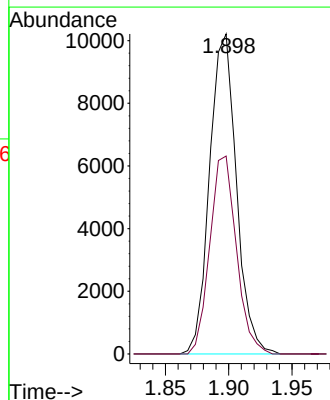
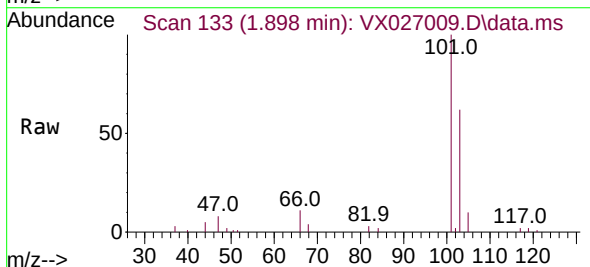
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ClientSampleId :
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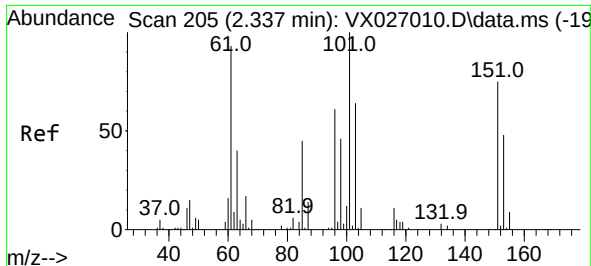
Tgt Ion: 64 Resp: 6069
Ion Ratio Lower Upper
64 100
66 30.6 24.2 45.0



#9
Trichlorofluoromethane
Concen: 10.874 ug/L
RT: 1.898 min Scan# 133
Delta R.T. 0.006 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion:101 Resp: 15073
Ion Ratio Lower Upper
101 100
103 61.2 51.8 77.8

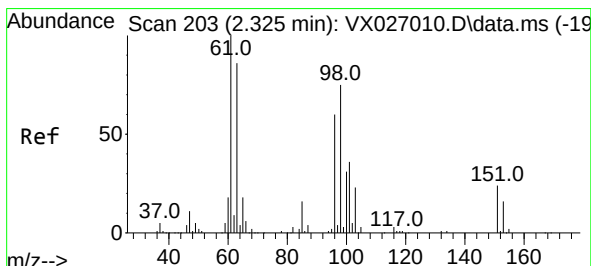
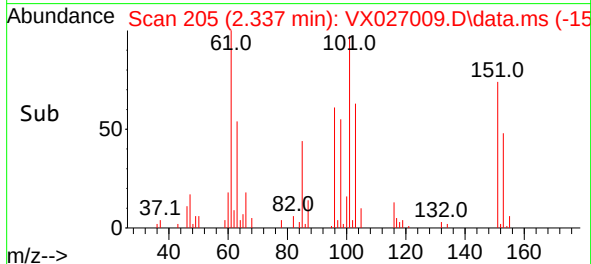
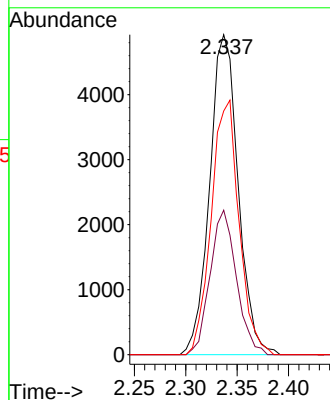
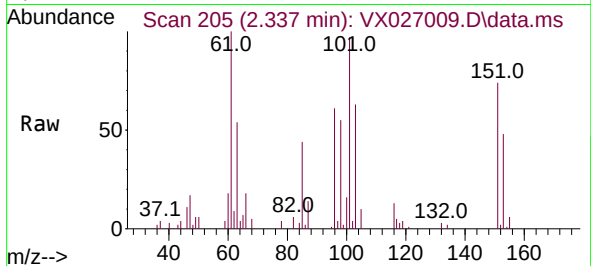




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.634 ug/L
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX027009.D
 Acq: 14 Feb 2022 10:34

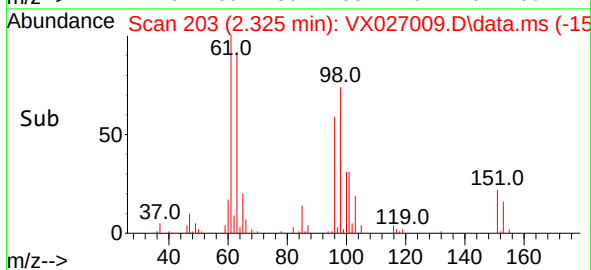
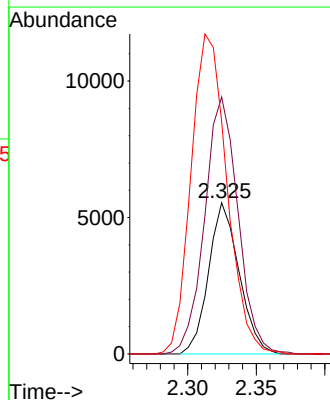
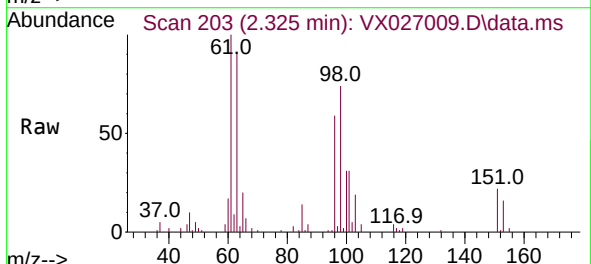
Instrument :
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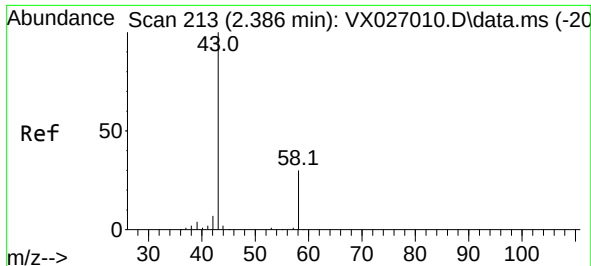
Tgt Ion:101 Resp: 9503
 Ion Ratio Lower Upper
 101 100
 85 41.7 33.9 50.9
 151 77.5 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 10.467 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX027009.D
 Acq: 14 Feb 2022 10:34

Tgt Ion: 96 Resp: 8593
 Ion Ratio Lower Upper
 96 100
 61 170.0 118.2 219.4
 63 153.9 109.6 203.4





#13

Acetone

Concen: 23.241 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

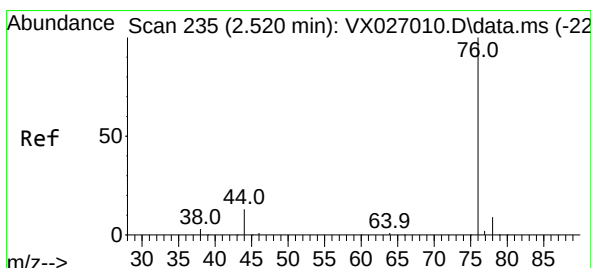
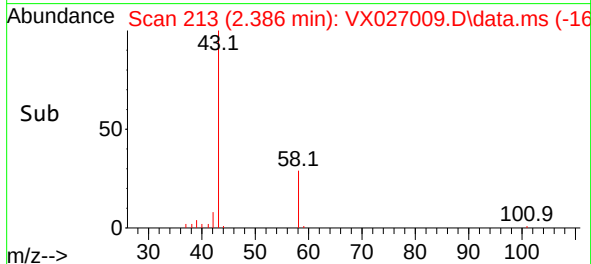
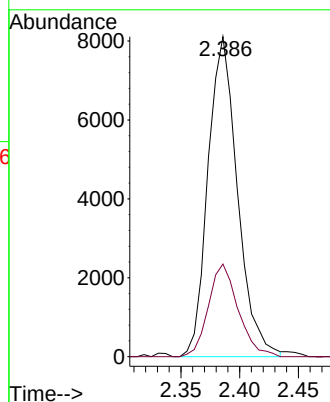
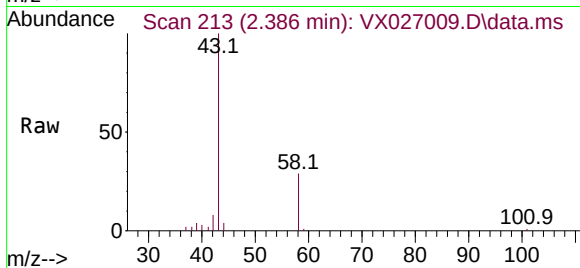
VSTD010661

Tgt Ion: 43 Resp: 14150

Ion Ratio Lower Upper

43 100

58 29.2 0.0 61.4



#14

Carbon disulfide

Concen: 10.504 ug/L

RT: 2.520 min Scan# 235

Delta R.T. -0.000 min

Lab File: VX027009.D

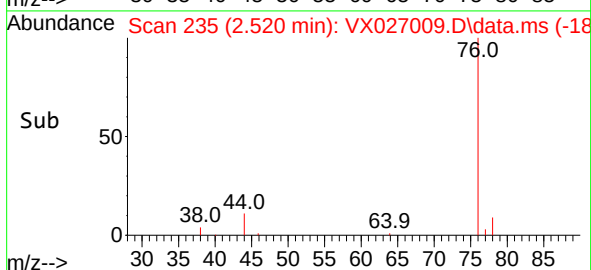
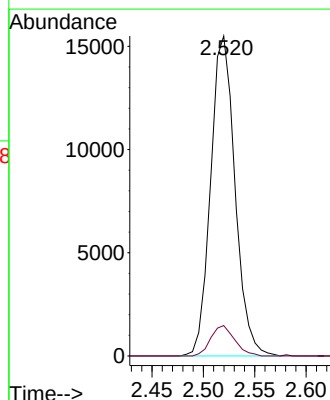
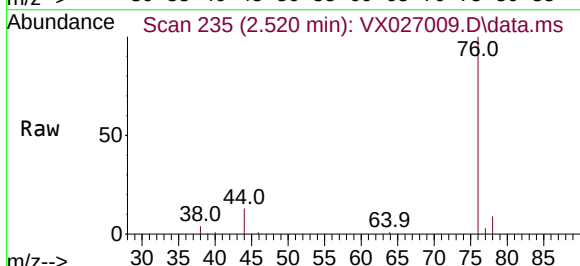
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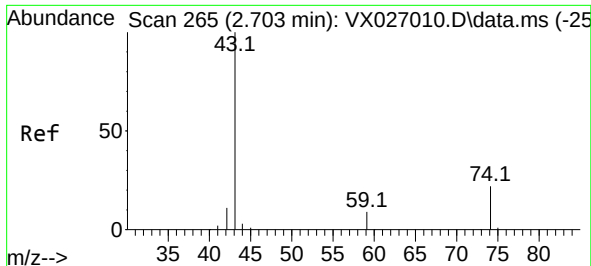
Tgt Ion: 76 Resp: 25546

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

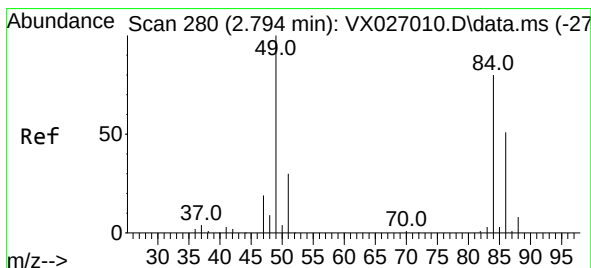
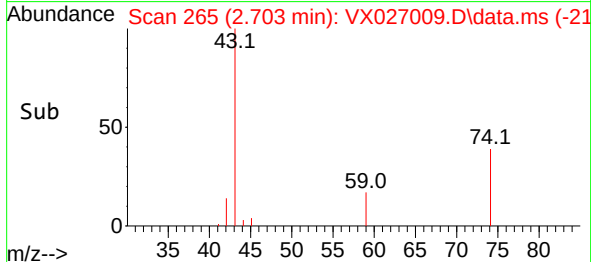
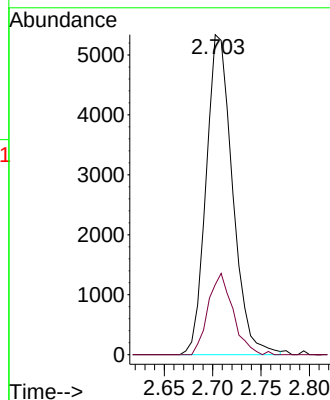
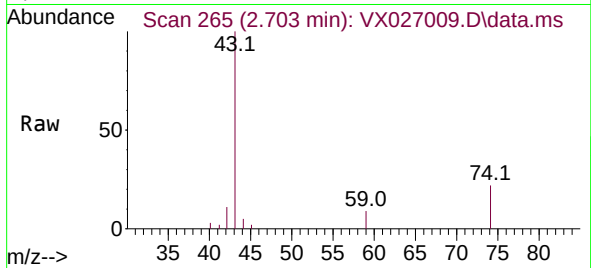




#15
Methyl Acetate
Concen: 10.799 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

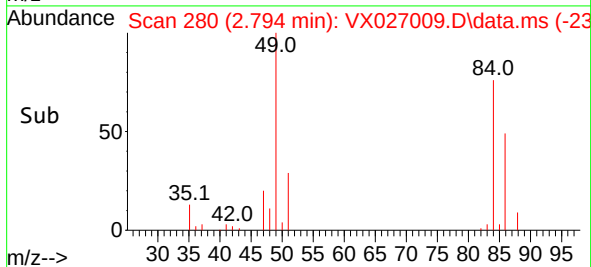
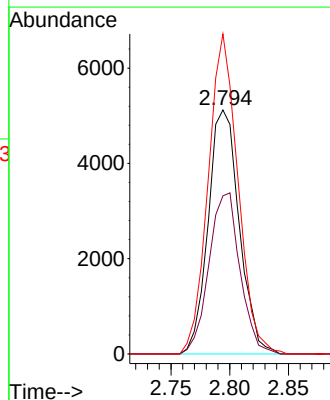
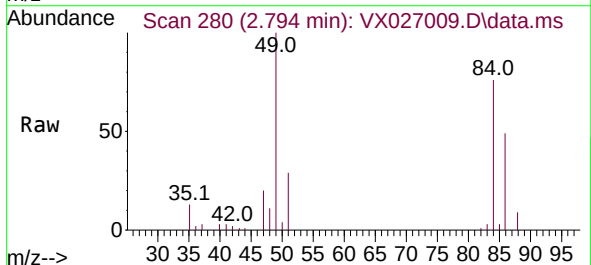
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ClientSampleId :
VSTD010661

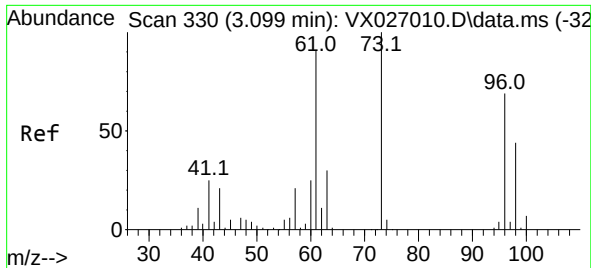
Tgt Ion: 43 Resp: 10157
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.4



#16
Methylene chloride
Concen: 10.493 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion: 84 Resp: 9438
Ion Ratio Lower Upper
84 100
86 64.8 44.8 83.2
49 131.2 87.0 161.6

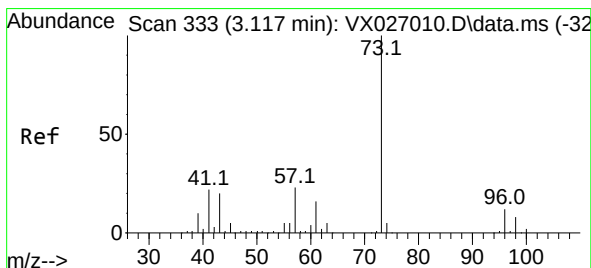
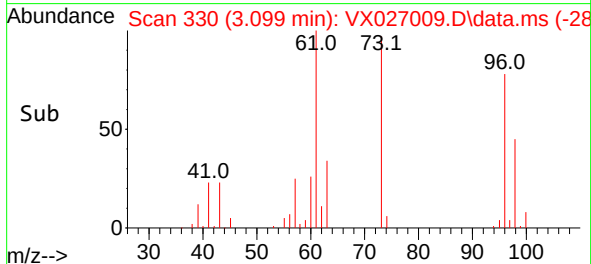
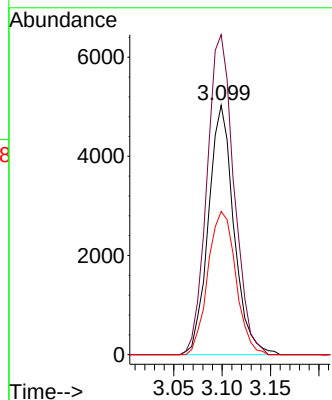
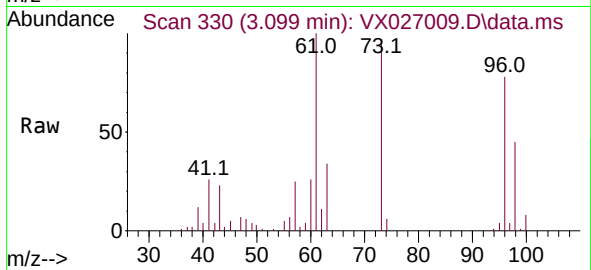




#17
trans-1,2-Dichloroethene
Concen: 10.637 ug/L
RT: 3.099 min Scan# 330
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

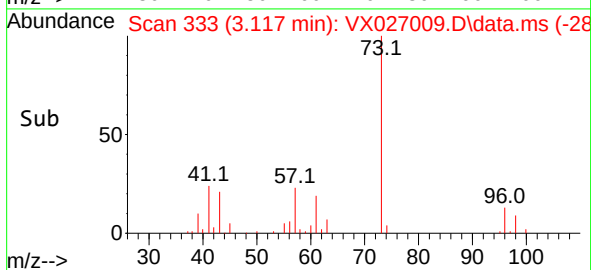
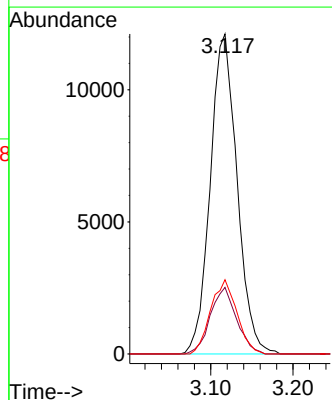
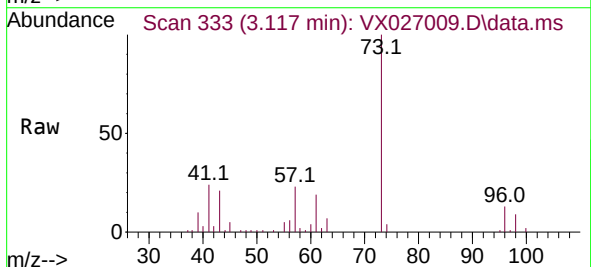
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

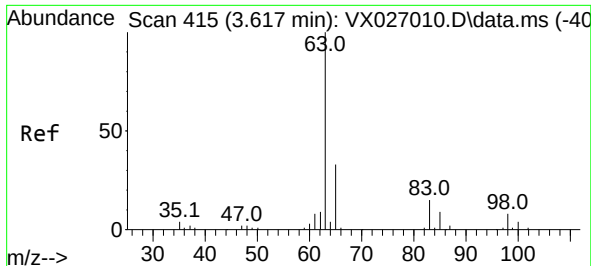
Tgt Ion: 96 Resp: 9240
Ion Ratio Lower Upper
96 100
61 128.3 93.0 172.6
98 57.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 10.306 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion: 73 Resp: 27473
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.4
57 22.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 10.772 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTD010661

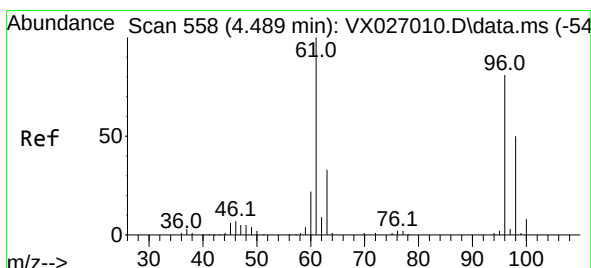
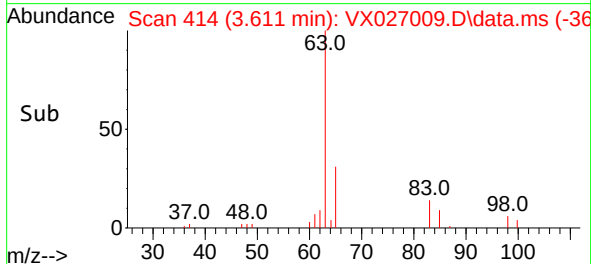
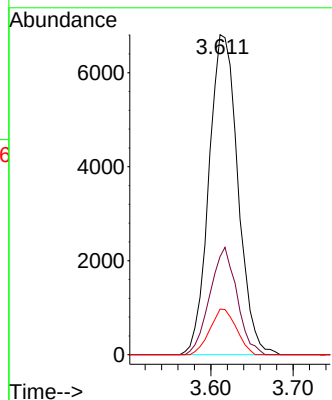
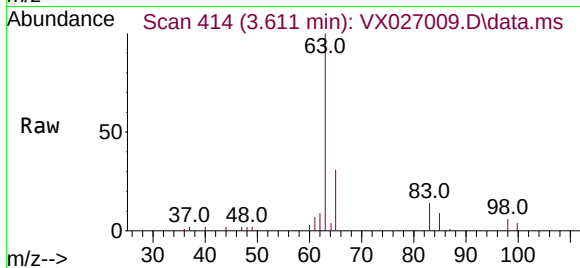
Tgt Ion: 63 Resp: 16690

Ion Ratio Lower Upper

63 100

65 30.7 22.9 42.5

83 14.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 10.521 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

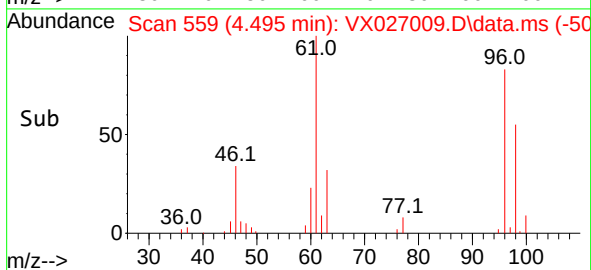
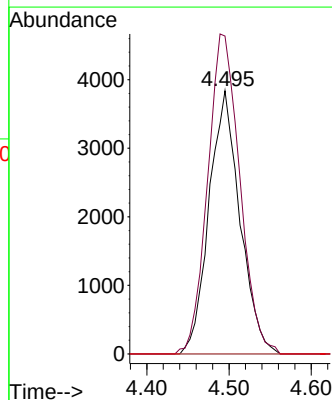
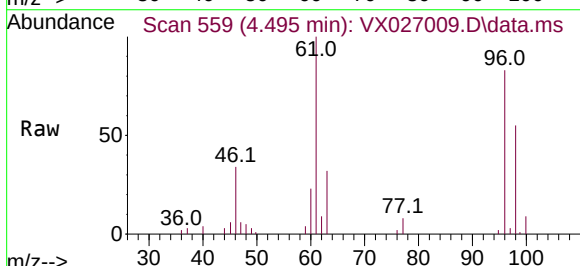
Tgt Ion: 96 Resp: 10029

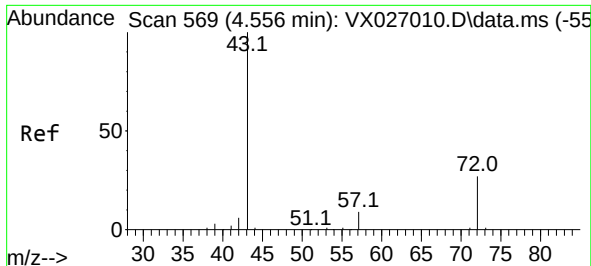
Ion Ratio Lower Upper

96 100

61 120.8 86.7 161.1

68 0.0 0.0 0.0

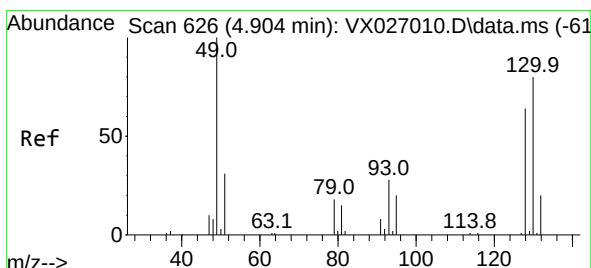
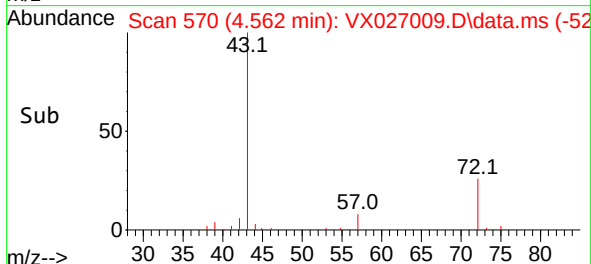
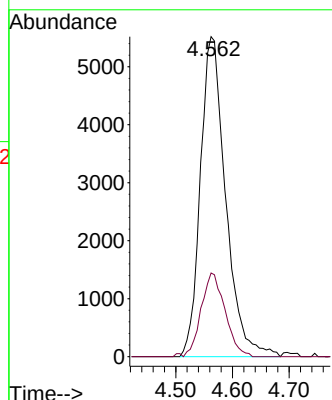
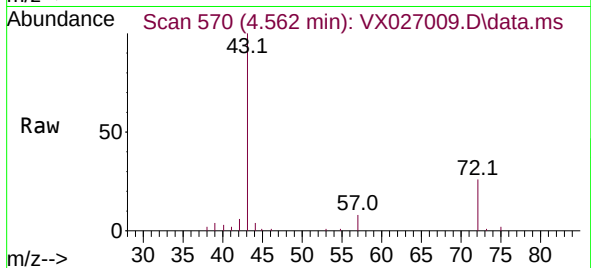




#22
2-Butanone
Concen: 21.932 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

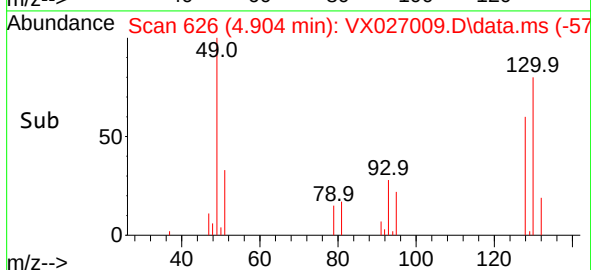
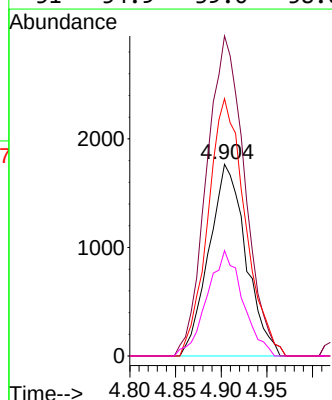
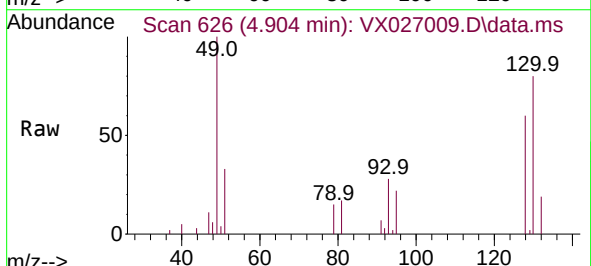
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

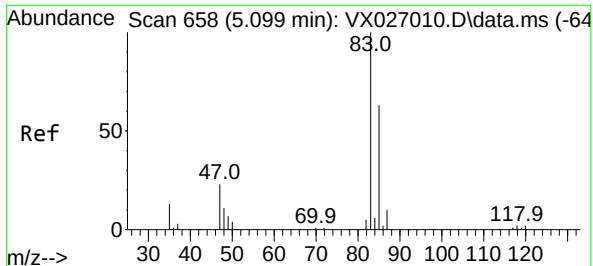
Tgt Ion: 43 Resp: 17103
Ion Ratio Lower Upper
43 100
72 24.7 13.2 39.5



#23
Bromochloromethane
Concen: 10.217 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion: 128 Resp: 4973
Ion Ratio Lower Upper
128 100
49 166.9 110.2 204.6
130 134.3 88.2 163.8
51 54.9 39.0 58.6

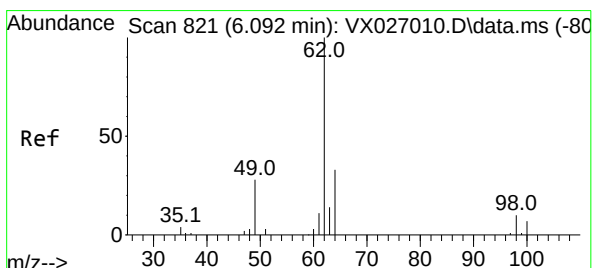
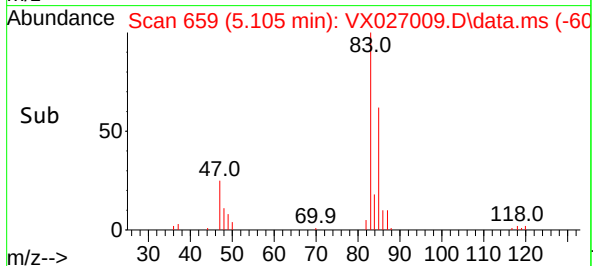
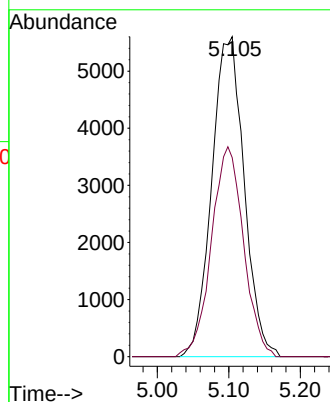
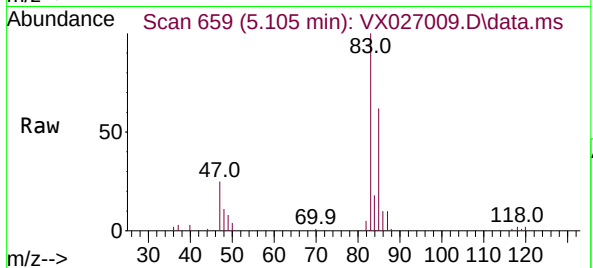




#25
Chloroform
Concen: 10.629 ug/L
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

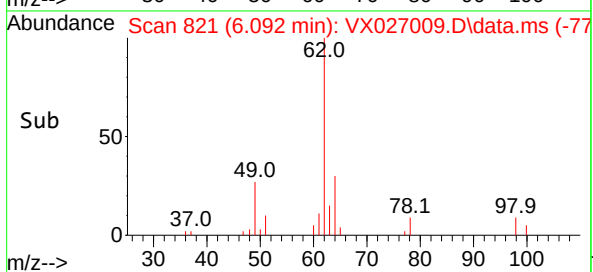
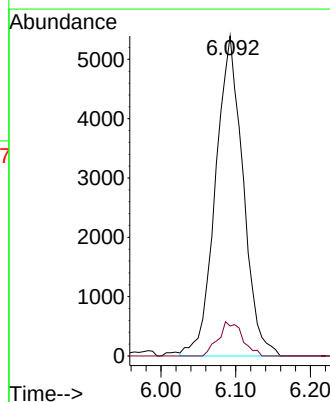
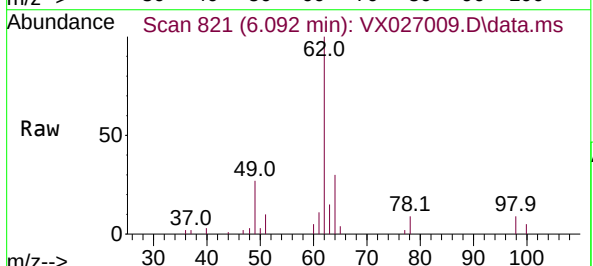
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

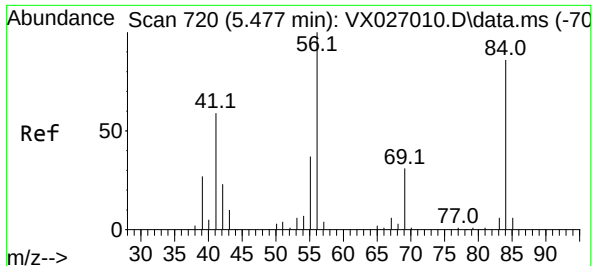
Tgt Ion: 83 Resp: 17615
Ion Ratio Lower Upper
83 100
85 62.2 44.2 82.2



#27
1,2-Dichloroethane
Concen: 10.779 ug/L
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion: 62 Resp: 13818
Ion Ratio Lower Upper
62 100
98 9.4 8.2 12.2





#29

Cyclohexane

Concen: 10.737 ug/L

RT: 5.477 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTD010661

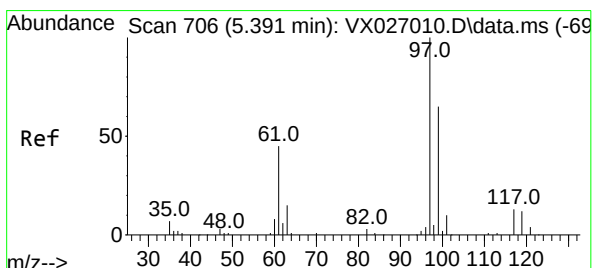
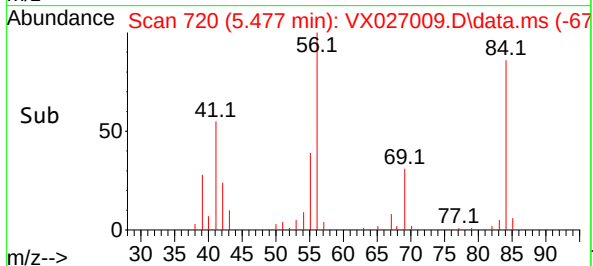
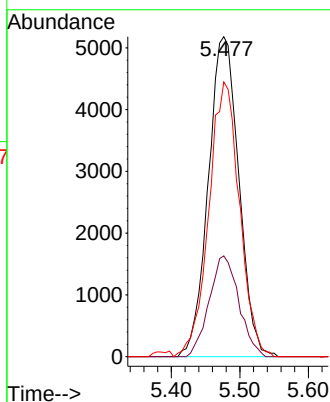
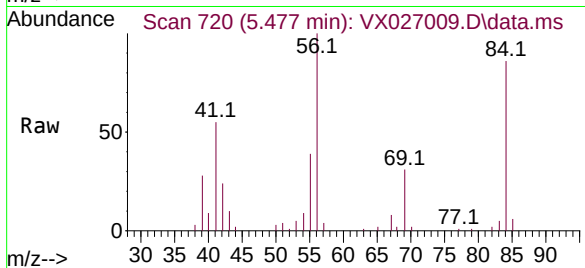
Tgt Ion: 56 Resp: 16032

Ion Ratio Lower Upper

56 100

69 30.6 24.6 36.8

84 86.0 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 10.354 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

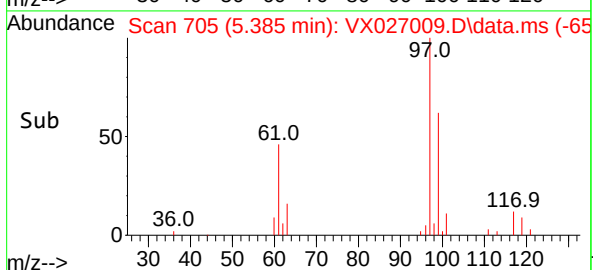
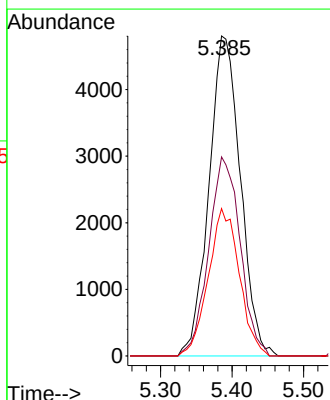
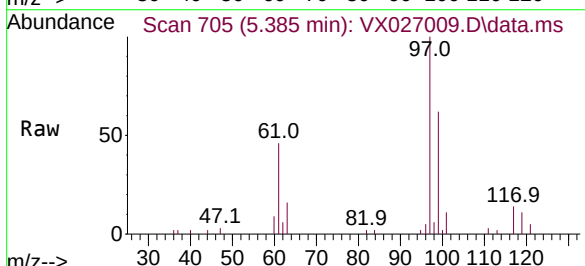
Tgt Ion: 97 Resp: 14674

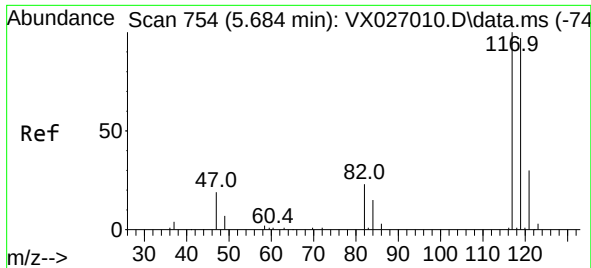
Ion Ratio Lower Upper

97 100

99 62.2 51.5 77.3

61 45.4 35.2 52.8

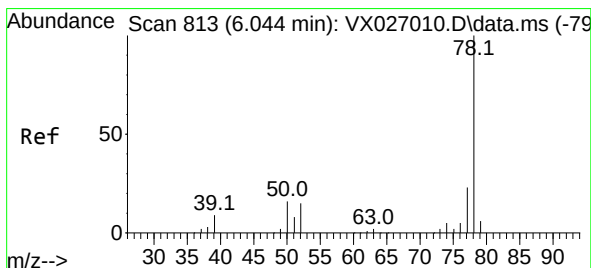
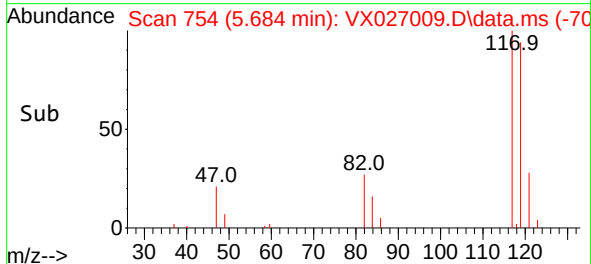
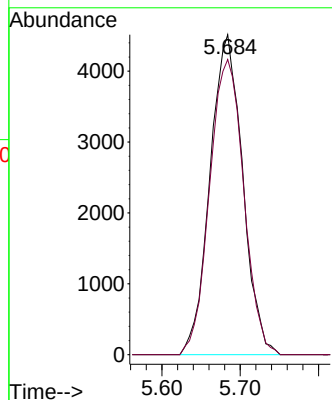
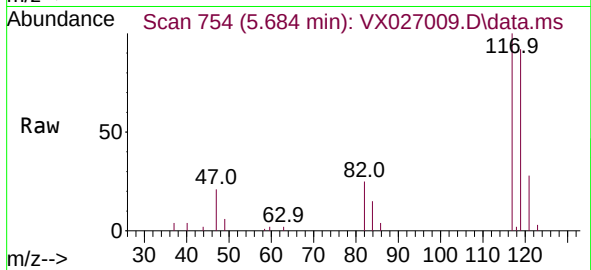




#31
Carbon tetrachloride
Concen: 10.388 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

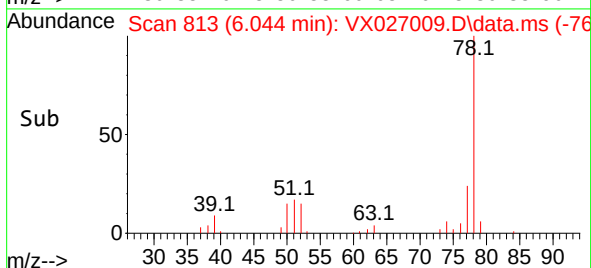
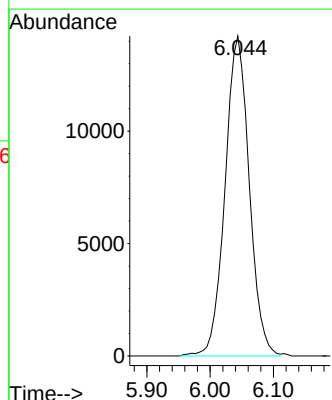
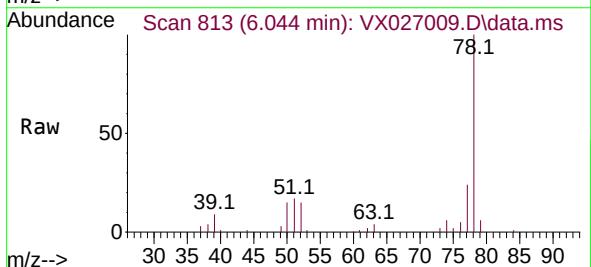
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

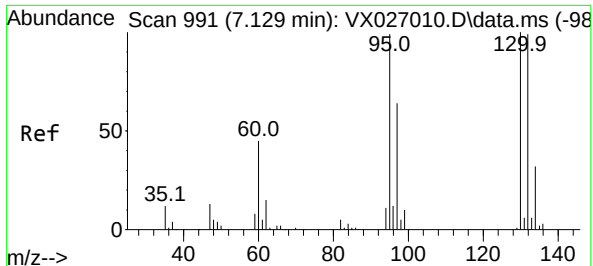
Tgt Ion:117 Resp: 13060
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8



#33
Benzene
Concen: 10.745 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion: 78 Resp: 37812



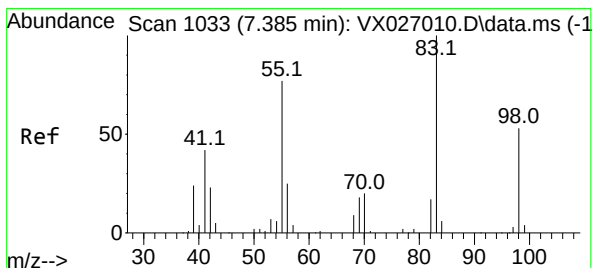
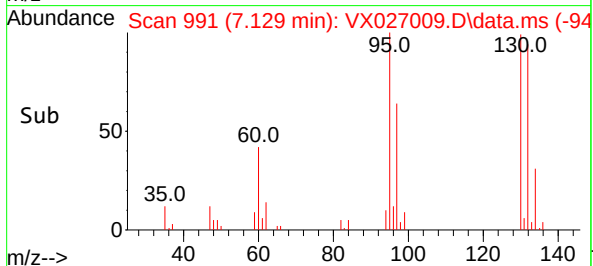
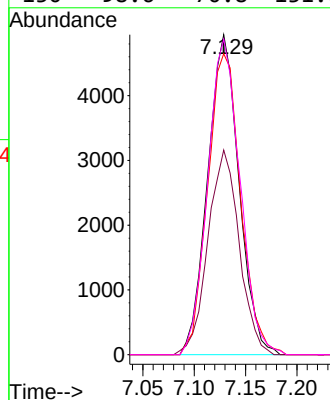
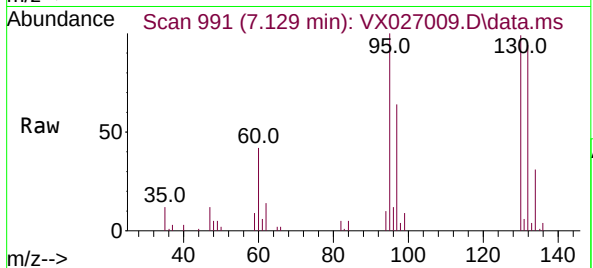


#34
Trichloroethene
Concen: 10.422 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

Tgt Ion: 95 Resp: 10491

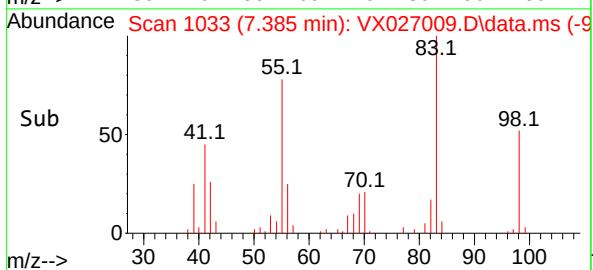
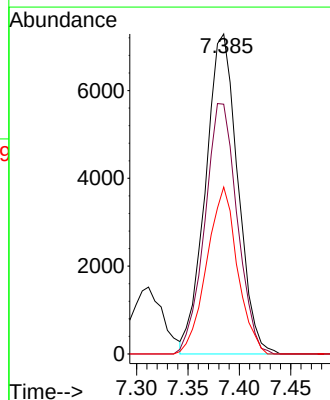
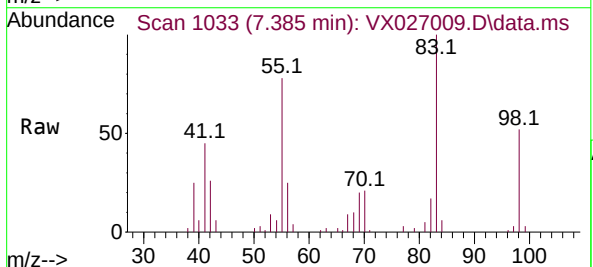
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.5	84.5
132	94.0	69.9	129.7
130	98.6	70.8	131.6

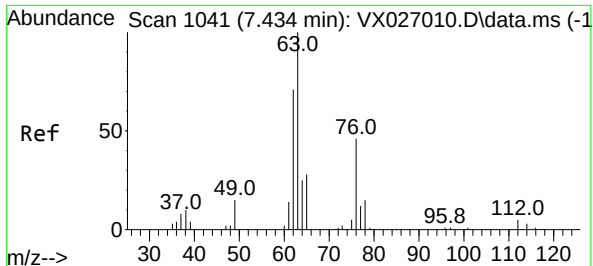


#35
Methylcyclohexane
Concen: 10.453 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion: 83 Resp: 15902

Ion	Ratio	Lower	Upper
83	100		
55	78.5	60.6	90.8
98	49.5	39.8	59.8





#37

1,2-Dichloropropane

Concen: 10.597 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

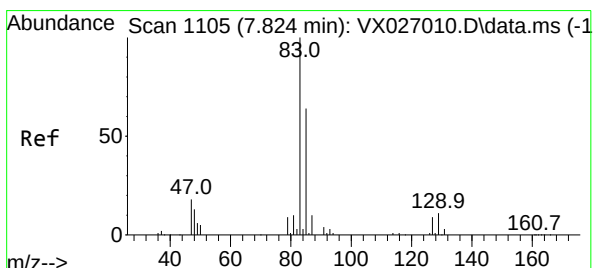
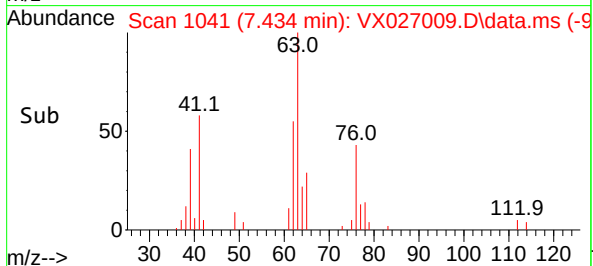
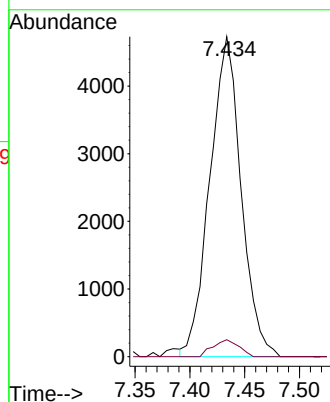
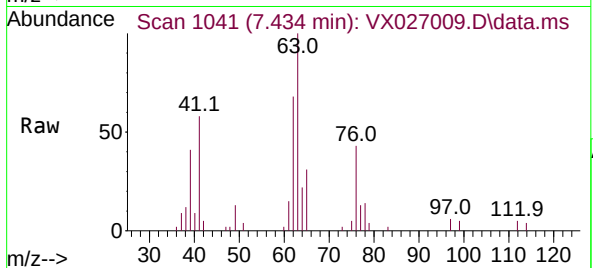
VSTD010661

Tgt Ion: 63 Resp: 9379

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.8



#38

Bromodichloromethane

Concen: 10.573 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

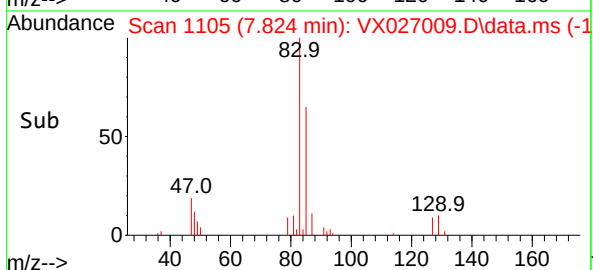
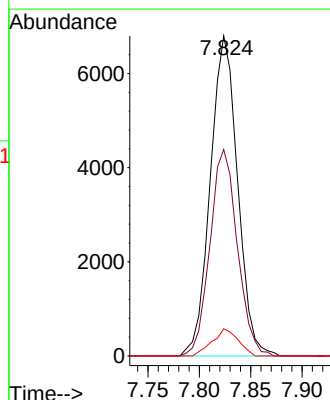
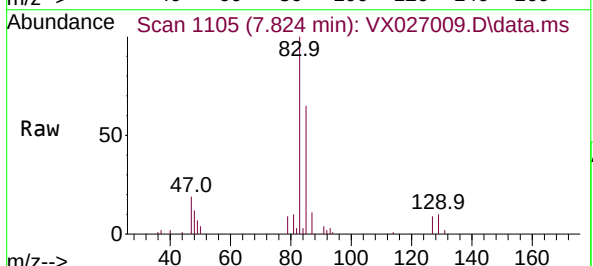
Tgt Ion: 83 Resp: 12561

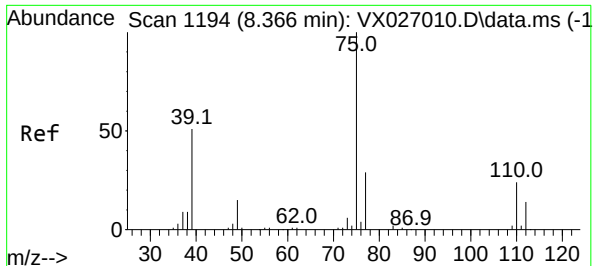
Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 9.996 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

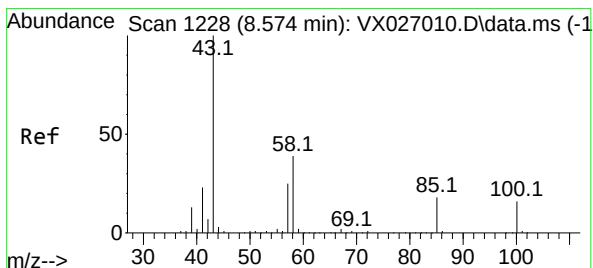
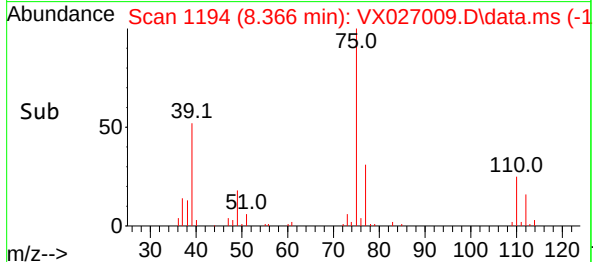
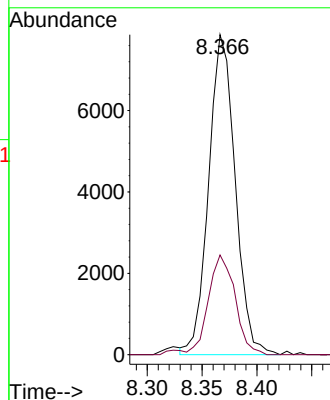
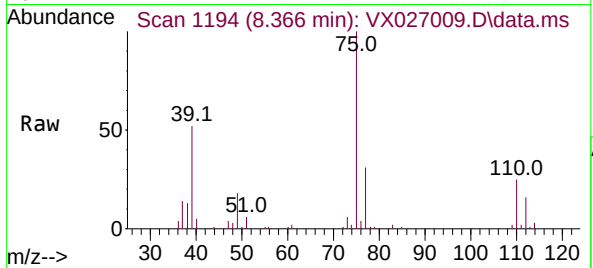
VSTD010661

Tgt Ion: 75 Resp: 13260

Ion Ratio Lower Upper

75 100

77 31.1 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 21.042 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

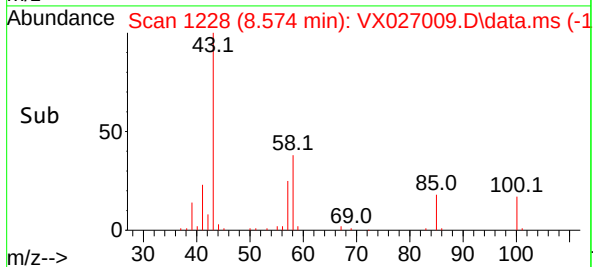
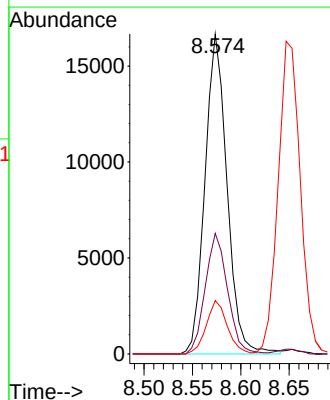
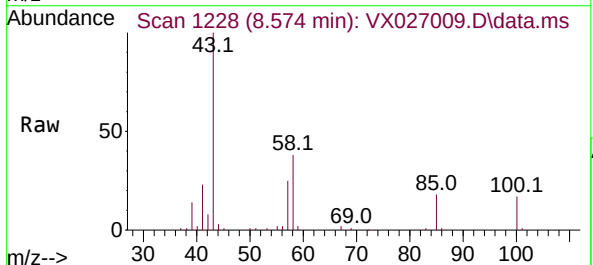
Tgt Ion: 43 Resp: 26474

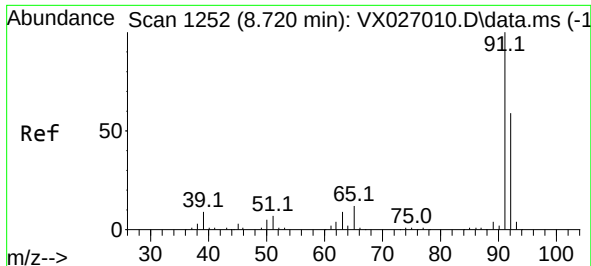
Ion Ratio Lower Upper

43 100

58 38.1 31.0 46.6

100 15.9 13.0 19.4





#42

Toluene

Concen: 10.826 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

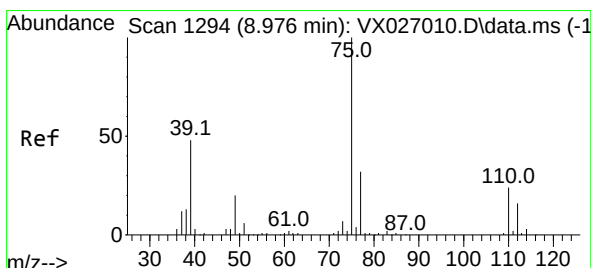
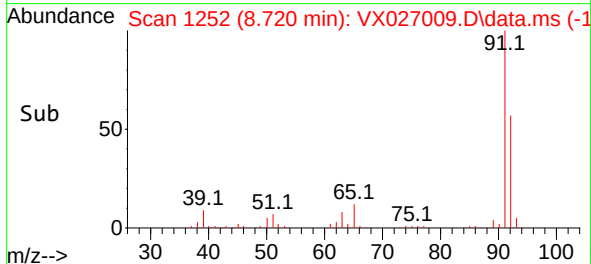
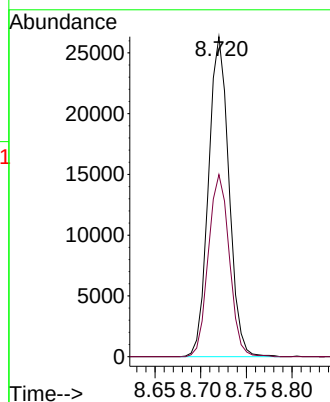
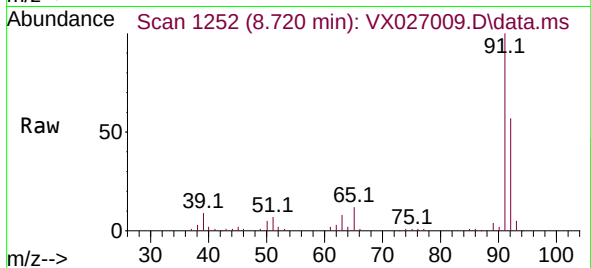
VSTD010661

Tgt Ion: 91 Resp: 40907

Ion Ratio Lower Upper

91 100

92 56.9 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 9.505 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX027009.D

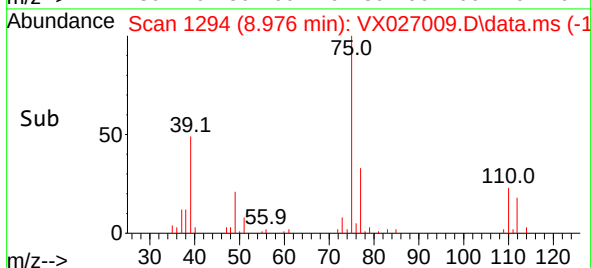
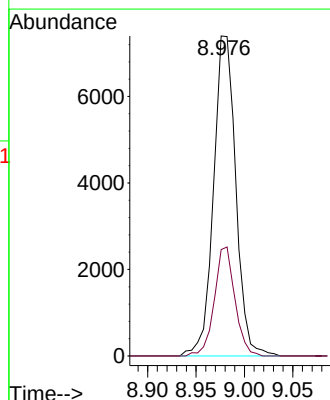
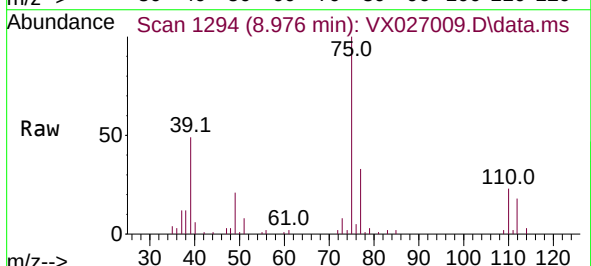
Acq: 14 Feb 2022 10:34

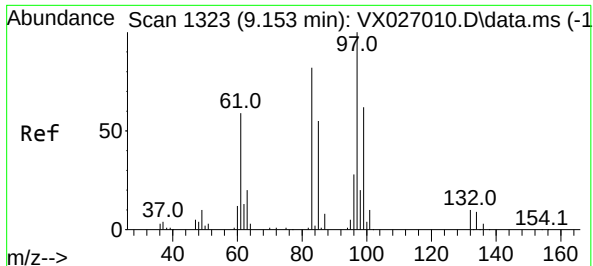
Tgt Ion: 75 Resp: 11850

Ion Ratio Lower Upper

75 100

77 33.3 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 10.813 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTD010661

Tgt Ion: 97 Resp: 9358

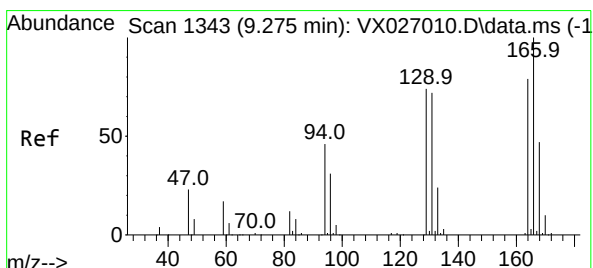
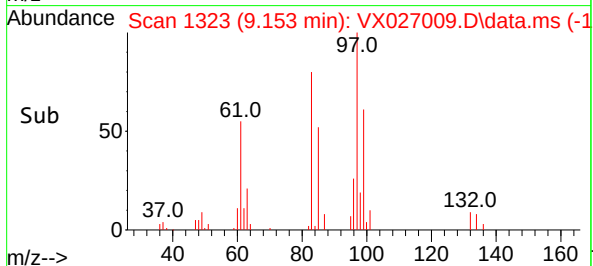
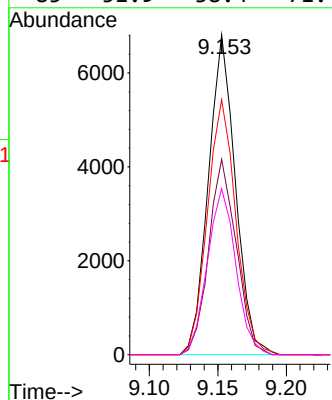
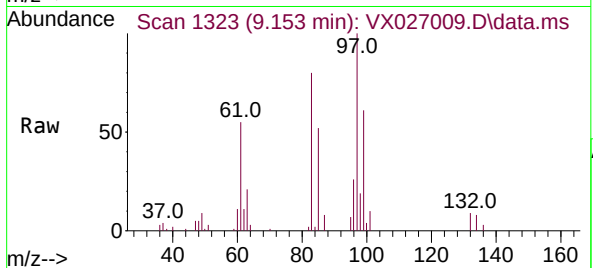
Ion Ratio Lower Upper

97 100

99 61.1 43.3 80.5

83 79.7 57.5 106.9

85 51.9 38.4 71.4



#46

Tetrachloroethene

Concen: 10.472 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Tgt Ion: 164 Resp: 7805

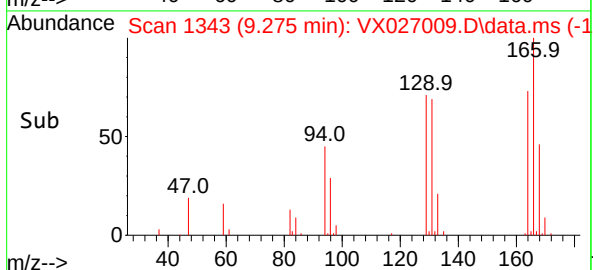
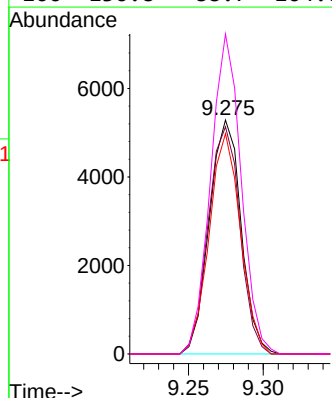
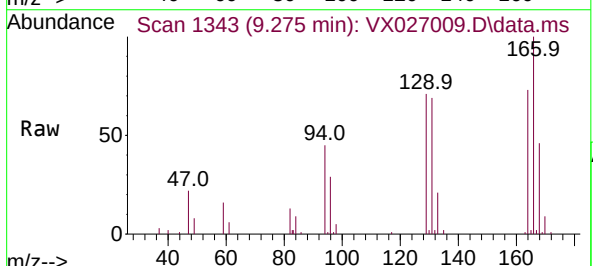
Ion Ratio Lower Upper

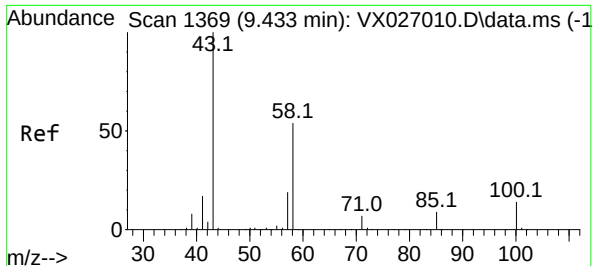
164 100

129 97.1 65.5 121.7

131 94.2 64.3 119.3

166 136.8 88.7 164.7

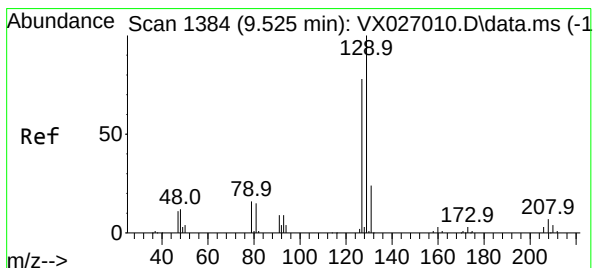
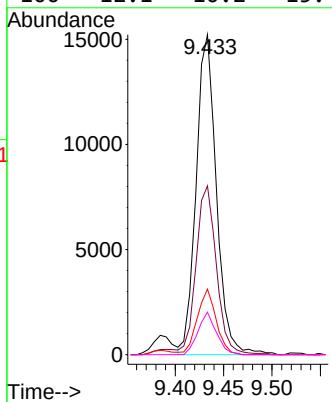
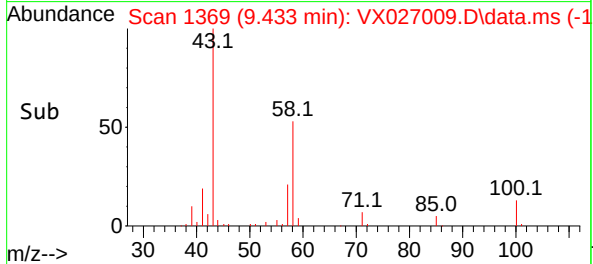
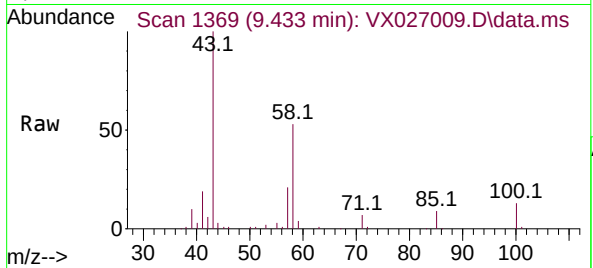




#48
2-Hexanone
Concen: 21.834 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

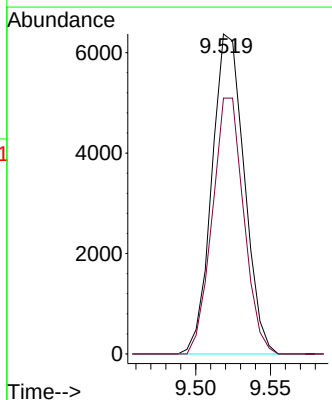
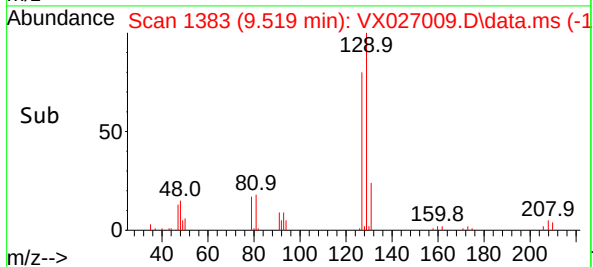
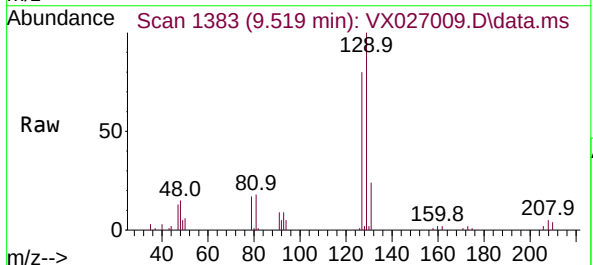
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

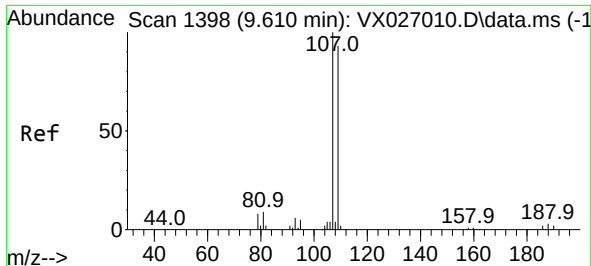
Tgt Ion: 43	Resp: 22240
Ion Ratio	Lower Upper
43 100	
58 52.6	42.9 64.3
57 19.2	15.3 22.9
100 12.1	10.2 15.4



#49
Dibromochloromethane
Concen: 10.107 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion:129	Resp:	9592	
Ion	Ratio	Lower	Upper
129	100		
127	79.9	54.3	100.9





#50

1,2-Dibromoethane

Concen: 10.398 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTD010661

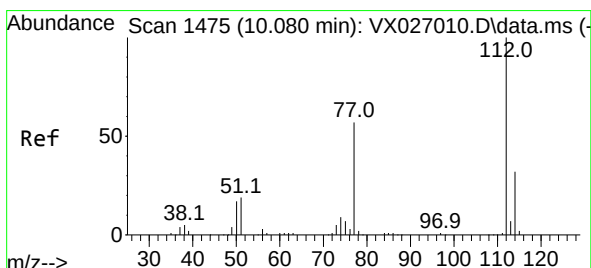
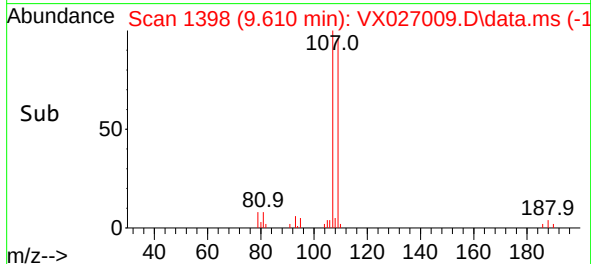
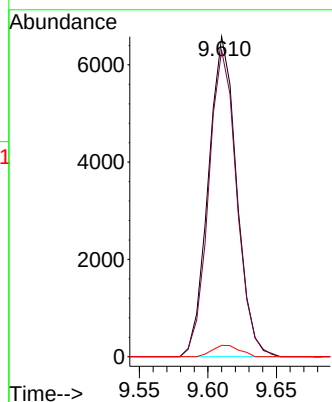
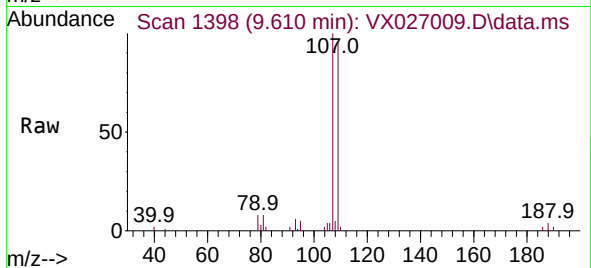
Tgt Ion:107 Resp: 9447

Ion Ratio Lower Upper

107 100

109 95.7 64.9 120.5

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 10.639 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

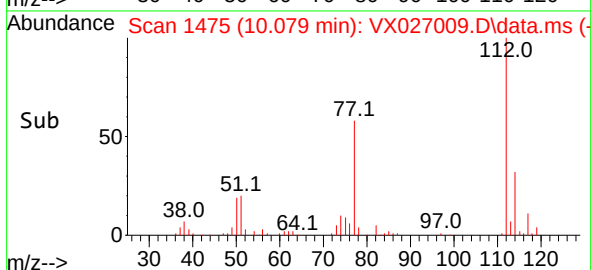
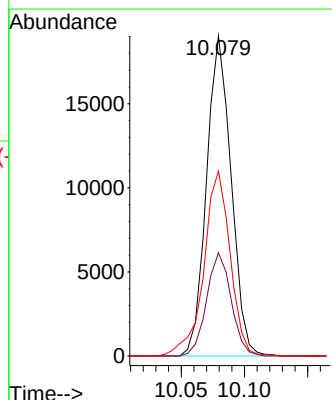
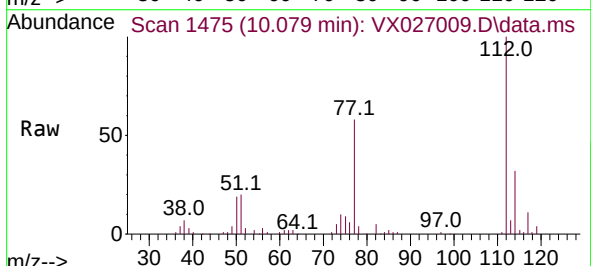
Tgt Ion:112 Resp: 25742

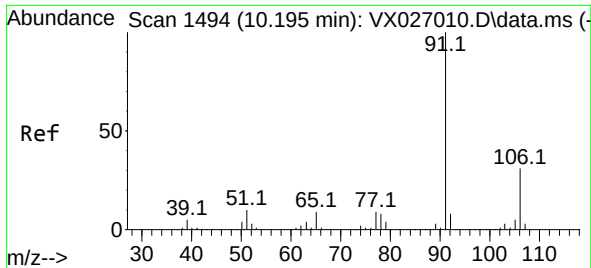
Ion Ratio Lower Upper

112 100

114 32.2 22.2 41.2

77 57.8 45.9 68.9

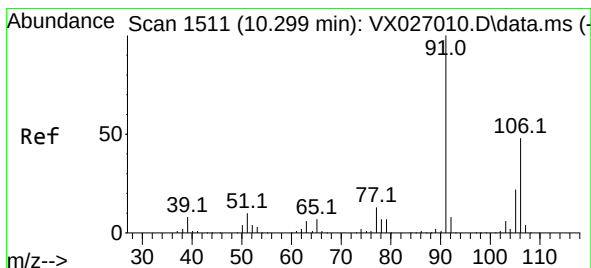
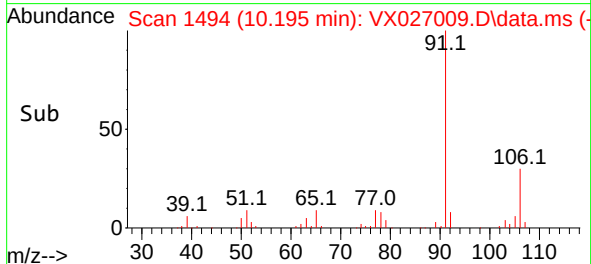
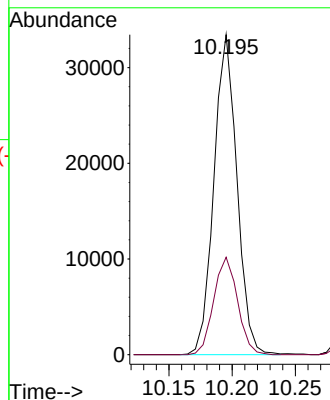
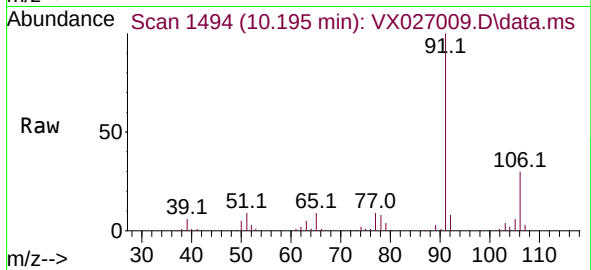




#52
Ethylbenzene
Concen: 10.406 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

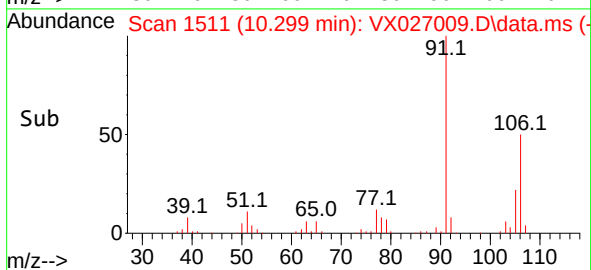
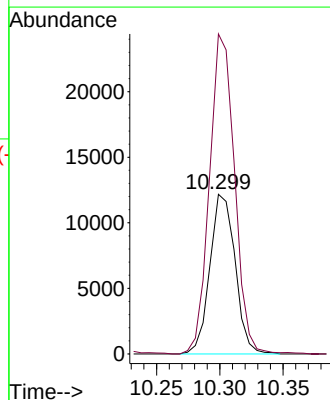
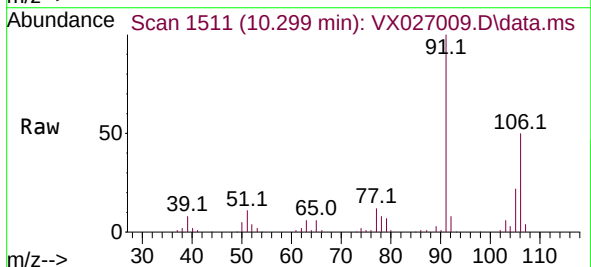
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

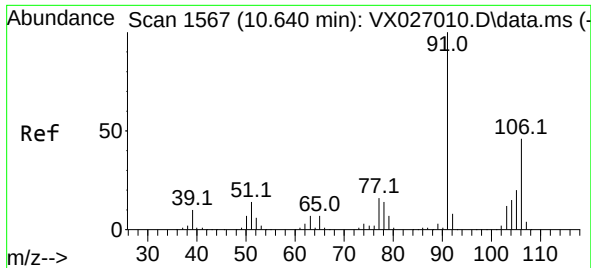
Tgt Ion: 91 Resp: 42292
Ion Ratio Lower Upper
91 100
106 30.4 21.7 40.3



#53
m,p-Xylene
Concen: 10.551 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion: 106 Resp: 16907
Ion Ratio Lower Upper
106 100
91 200.4 145.7 270.5

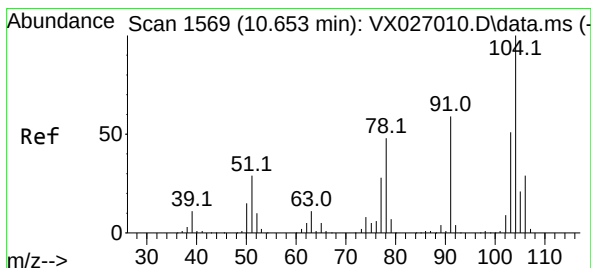
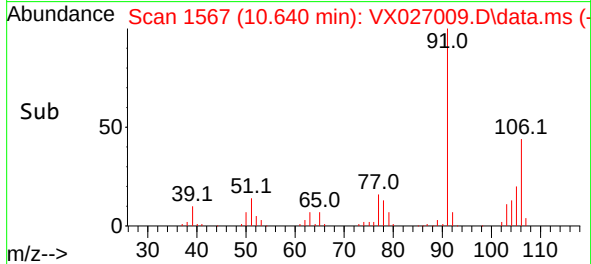
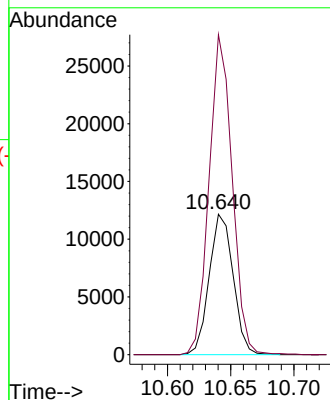
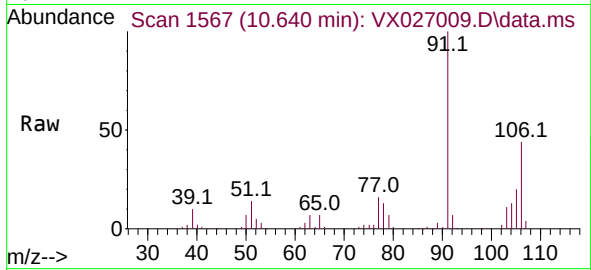




#54
o-Xylene
Concen: 10.471 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

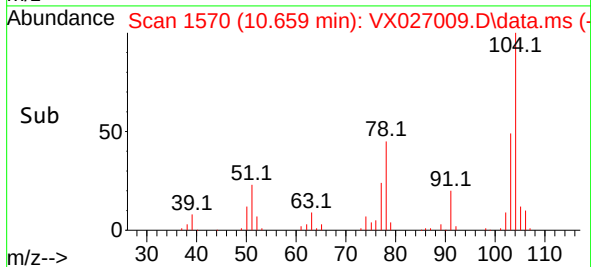
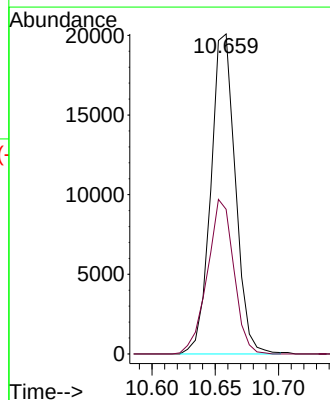
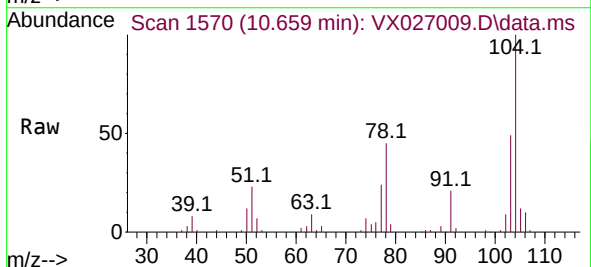
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

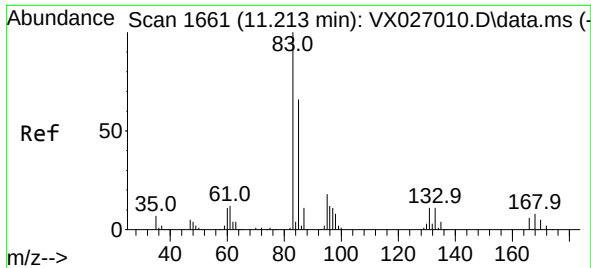
Tgt Ion:106 Resp: 16049
Ion Ratio Lower Upper
106 100
91 227.9 151.2 280.8



#55
Styrene
Concen: 10.450 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion:104 Resp: 27127
Ion Ratio Lower Upper
104 100
78 45.2 33.3 61.9

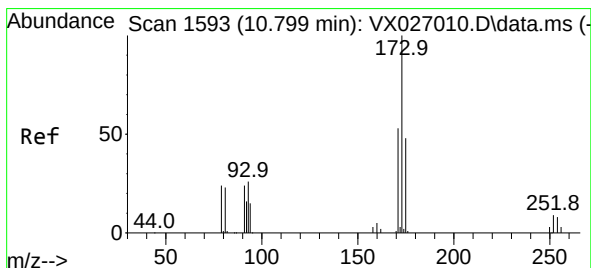
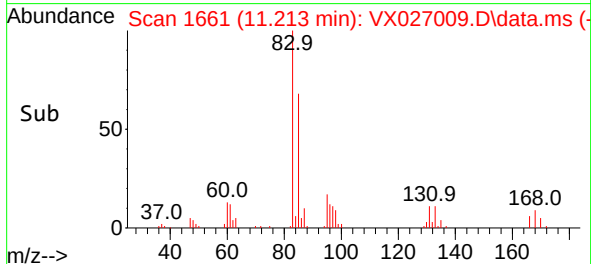
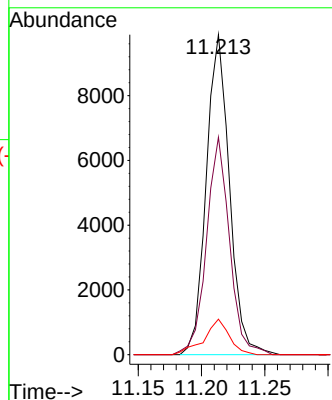
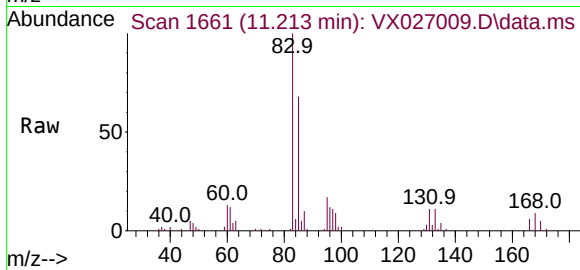




#57
1,1,2,2-Tetrachloroethane
Concen: 11.029 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

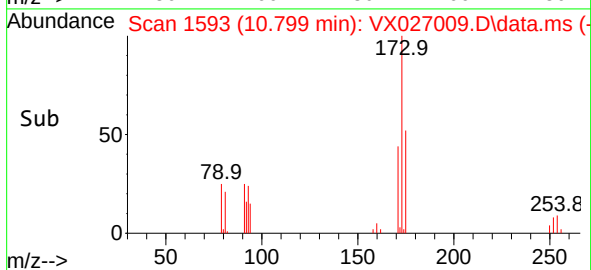
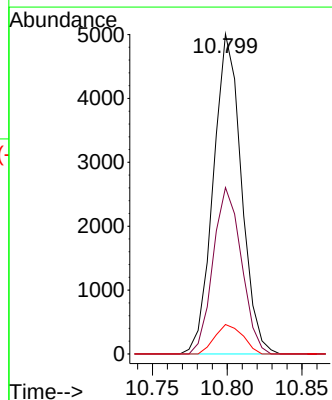
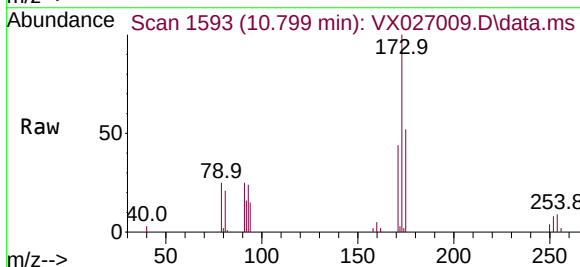
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

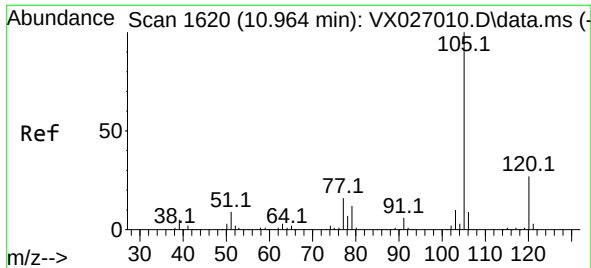
Tgt Ion:	83	Resp:	12639
Ion Ratio	Lower	Upper	
83	100		
85	67.9	45.8	85.2
131	11.1	8.5	12.7



#59
Bromoform
Concen: 10.264 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion:	173	Resp:	6524
Ion Ratio	Lower	Upper	
173	100		
175	52.6	38.9	58.3
254	9.2	7.0	10.6

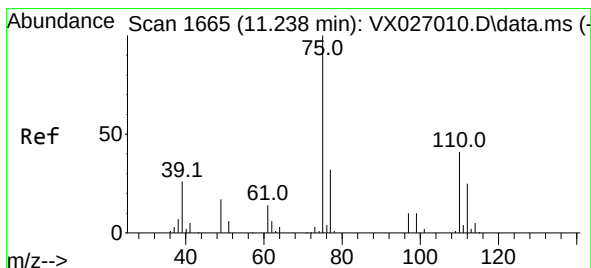
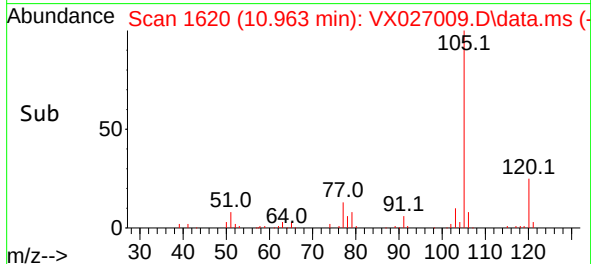
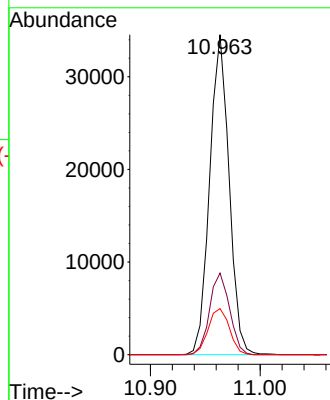
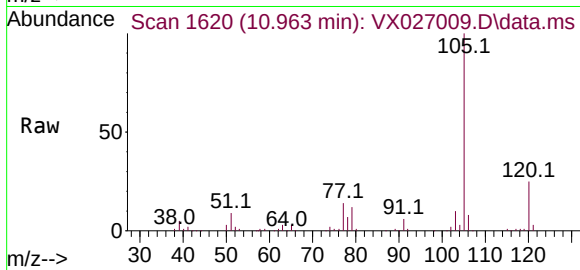




#60
Isopropylbenzene
Concen: 10.604 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

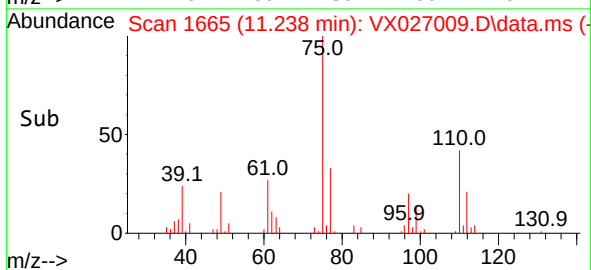
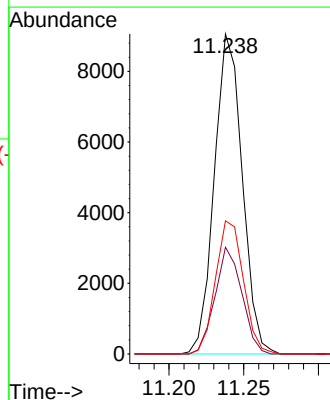
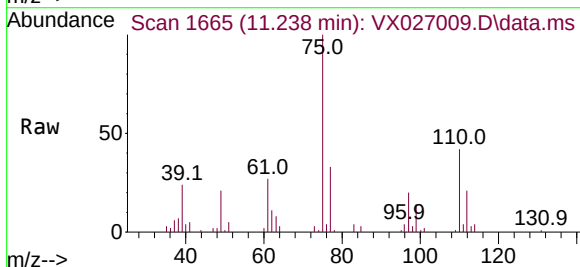
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

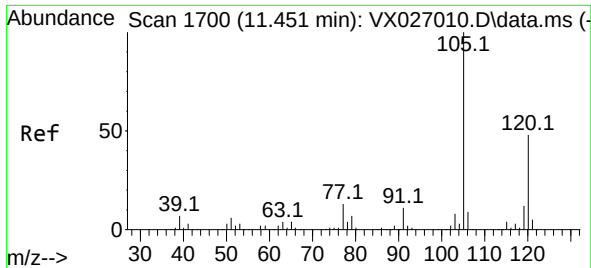
Tgt Ion:105 Resp: 42438
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 15.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 11.201 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion: 75 Resp: 11768
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 41.6 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 10.299 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX027009.D

Acq: 14 Feb 2022 10:34

Instrument :

MSVOA_X

ClientSampleId :

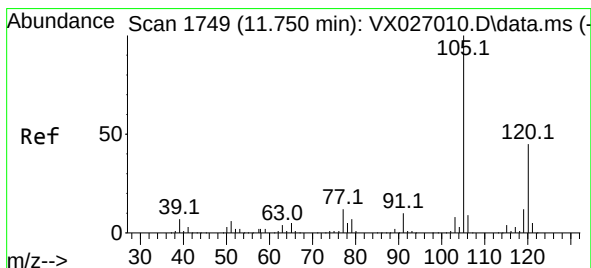
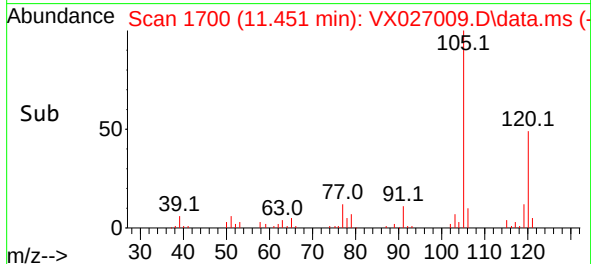
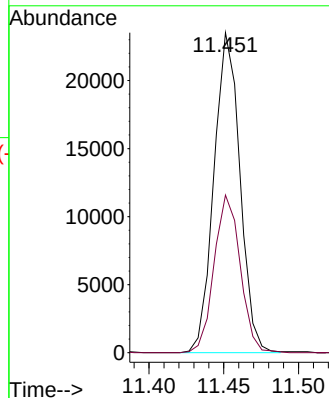
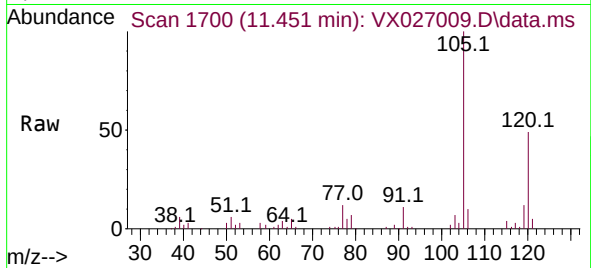
VSTD010661

Tgt Ion:105 Resp: 28429

Ion Ratio Lower Upper

105 100

120 49.3 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 10.506 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX027009.D

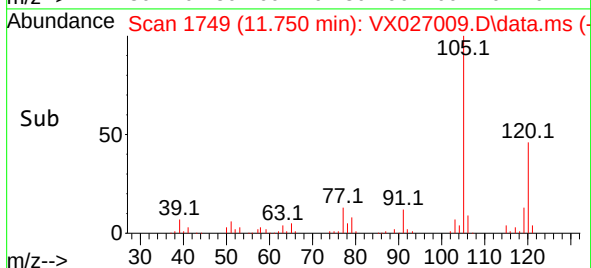
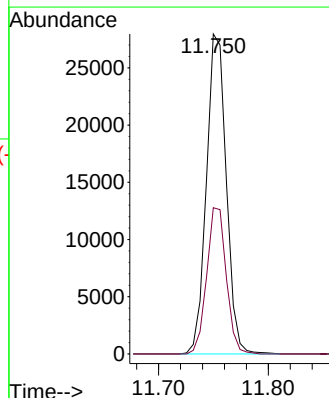
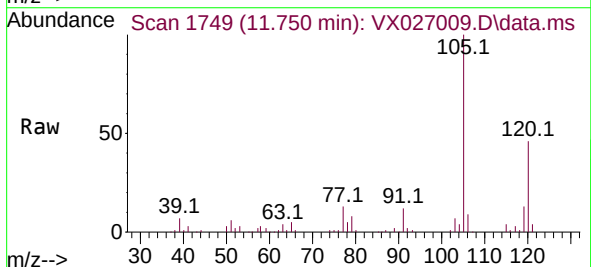
Acq: 14 Feb 2022 10:34

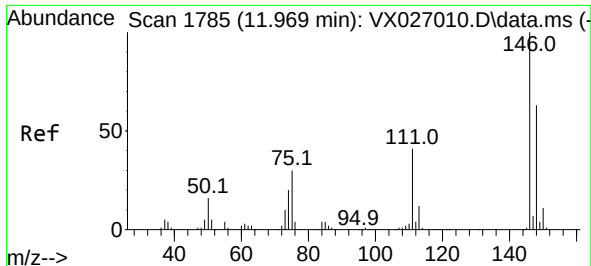
Tgt Ion:105 Resp: 35221

Ion Ratio Lower Upper

105 100

120 45.0 36.1 54.1

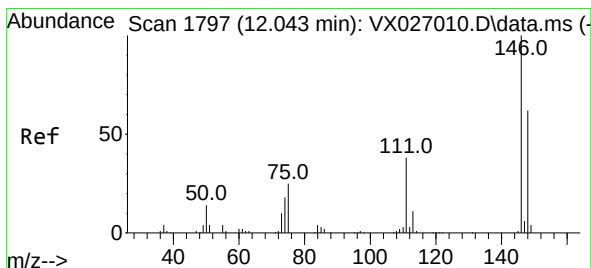
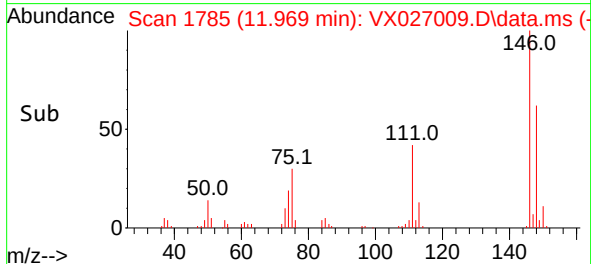
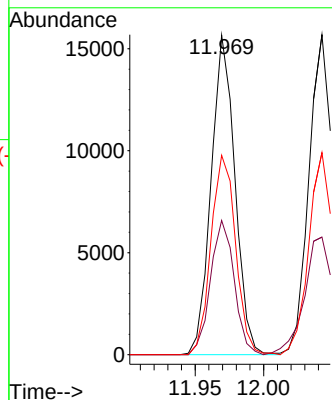
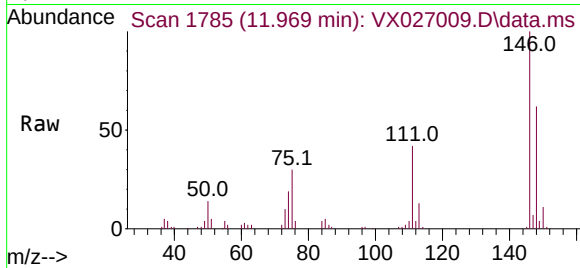




#64
1,3-Dichlorobenzene
Concen: 10.625 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

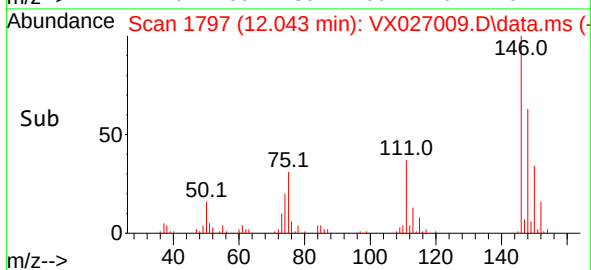
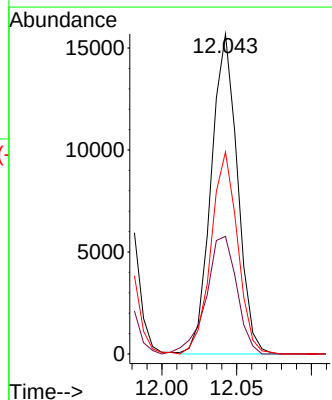
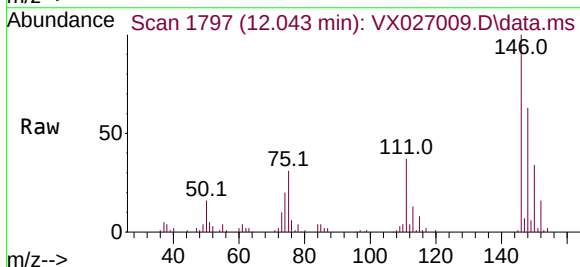
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

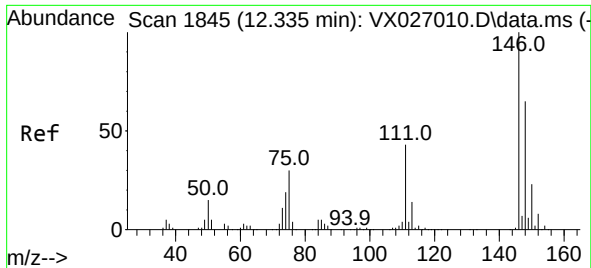
Tgt Ion:146 Resp: 18915
Ion Ratio Lower Upper
146 100
111 42.0 28.3 52.7
148 62.4 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 10.697 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion:146 Resp: 19164
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.3
148 63.1 43.5 80.7

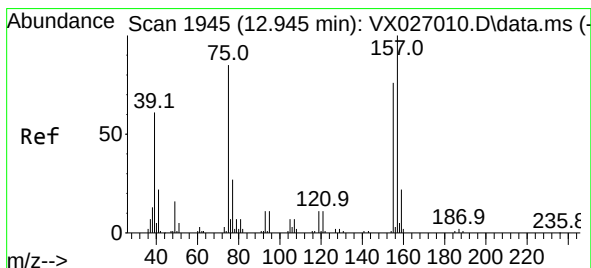
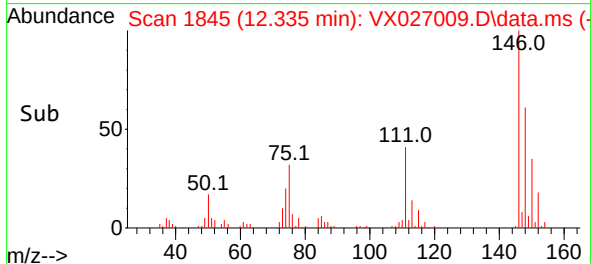
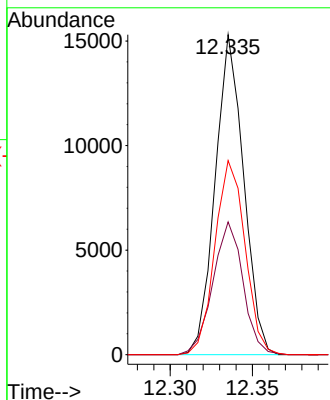
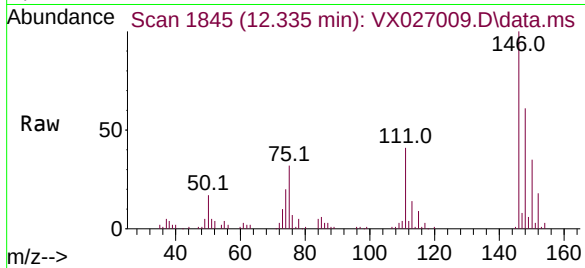




#67
1,2-Dichlorobenzene
Concen: 10.701 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

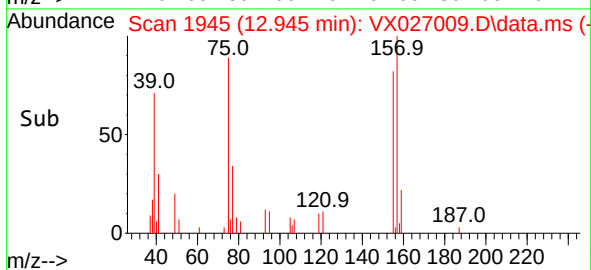
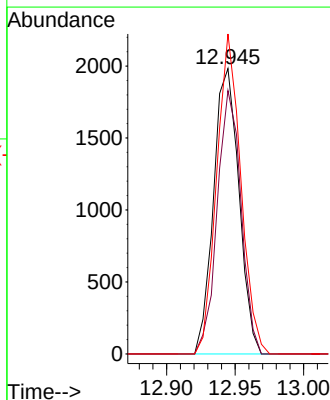
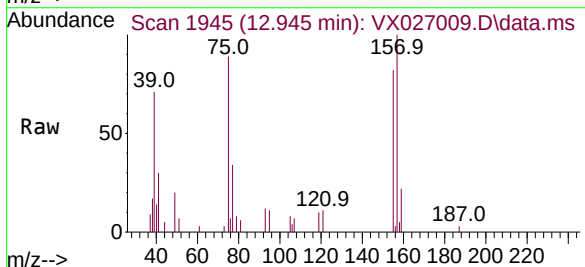
Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

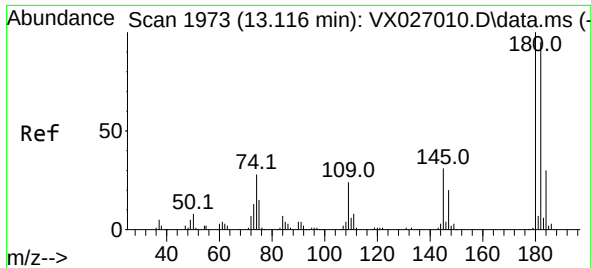
Tgt Ion:146 Resp: 18419
Ion Ratio Lower Upper
146 100
111 41.5 34.5 51.7
148 60.6 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 10.007 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion: 75 Resp: 2553
Ion Ratio Lower Upper
75 100
155 92.2 71.6 107.4
157 112.1 93.8 140.6

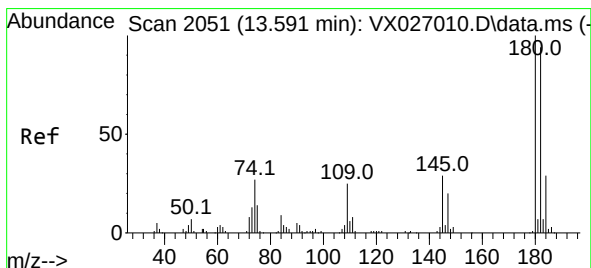
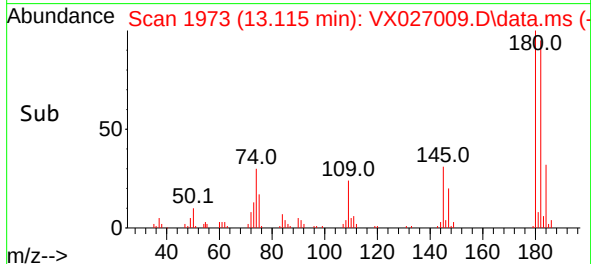
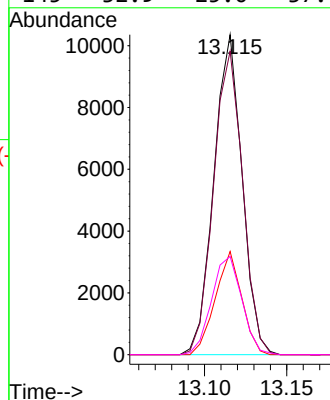
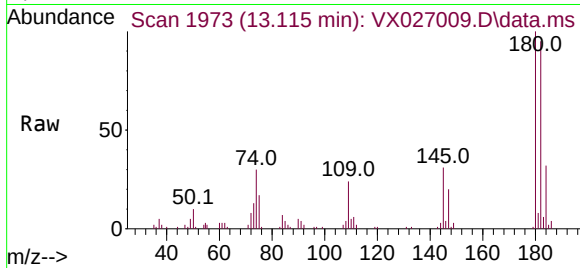




#69
 1,3,5-Trichlorobenzene
 Concen: 10.123 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX027009.D
 Acq: 14 Feb 2022 10:34

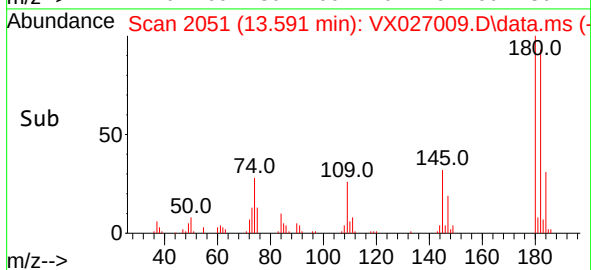
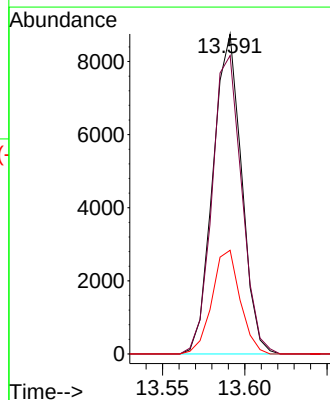
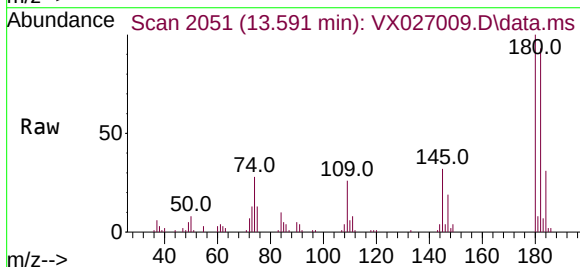
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010661

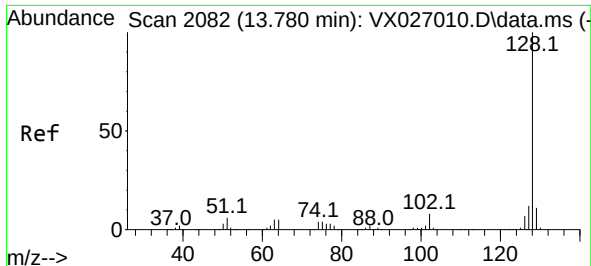
Tgt Ion:180	Resp:	12384
Ion Ratio	Lower	Upper
180	100	
182	97.5	75.6 113.4
184	30.2	23.6 35.4
145	32.9	25.0 37.4



#70
 1,2,4-trichlorobenzene
 Concen: 9.831 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX027009.D
 Acq: 14 Feb 2022 10:34

Tgt Ion:180	Resp:	10619
Ion Ratio	Lower	Upper
180	100	
182	96.6	75.4 113.2
145	31.8	25.0 37.4

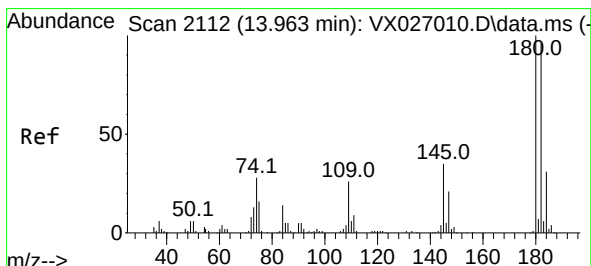
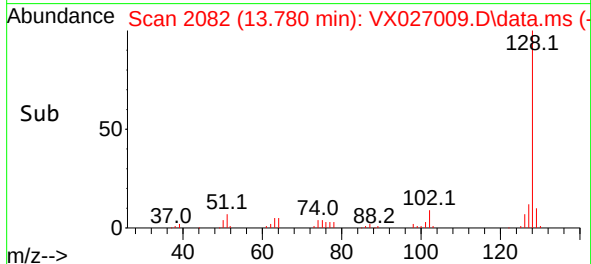
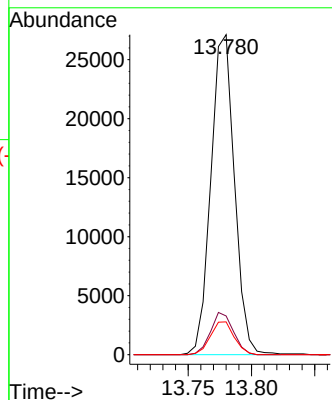
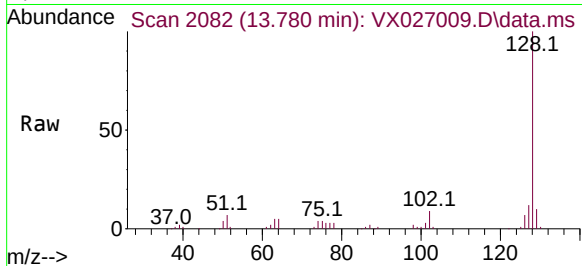




#71
Naphthalene
Concen: 9.785 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTD010661

Tgt Ion:	128	Resp:	35192
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.4	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 10.183 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027009.D
Acq: 14 Feb 2022 10:34

Tgt Ion:	180	Resp:	10997
Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.0	115.4
145	32.2	27.4	41.0

