

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030110.D
 Acq On : 19 Jul 2022 11:15
 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005672

Quant Time: Jul 20 07:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	274335	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245746	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	116875	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	11046	5.162	ug/L	0.00
7) Chloroethane-d5	1.666	69	7857	5.306	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	19821	4.789	ug/L	0.00
21) 2-Butanone-d5	4.635	46	153	0.073	ug/L	0.17
24) Chloroform-d	5.062	84	21270	4.896	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	14335	5.274	ug/L	0.00
32) Benzene-d6	5.977	84	45425	5.022	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	14882	5.130	ug/L	0.00
41) Toluene-d8	8.653	98	41733	5.056	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5379	4.366	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13109	9.012	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	19045	4.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	14006	5.170	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	10221	4.449	ug/L	99
3) Chloromethane	1.294	50	9069	4.417	ug/L	90
5) Vinyl chloride	1.374	62	9450	4.415	ug/L	99
6) Bromomethane	1.611	94	4222	4.373	ug/L	92
8) Chloroethane	1.691	64	5288	4.477	ug/L	97
9) Trichlorofluoromethane	1.886	101	11676	4.214	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	8406	4.291	ug/L	99
12) 1,1-Dichloroethene	2.319	96	8297	4.393	ug/L	91
13) Acetone	2.392	43	10450	8.920	ug/L	93
14) Carbon disulfide	2.514	76	23070	4.341	ug/L	99
15) Methyl Acetate	2.709	43	11431	4.284	ug/L	98
16) Methylene chloride	2.788	84	11008	4.829	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	8544	4.251	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	26050	4.208	ug/L	98
19) 1,1-Dichloroethane	3.611	63	15309	4.167	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	9772	4.188	ug/L	92
22) 2-Butanone	4.568	43	16889	8.432	ug/L	95
23) Bromochloromethane	4.904	128	4673	4.024	ug/L	92
25) Chloroform	5.093	83	16252	4.262	ug/L	95
27) 1,2-Dichloroethane	6.086	62	12229	4.270	ug/L	96
29) Cyclohexane	5.471	56	7537	2.236	ug/L	# 31
30) 1,1,1-Trichloroethane	5.385	97	13203	4.367	ug/L	# 59
31) Carbon tetrachloride	5.672	117	9972	4.004	ug/L	97
33) Benzene	6.044	78	37150	4.342	ug/L	100
34) Trichloroethene	7.129	95	9772	4.264	ug/L	96
35) Methylcyclohexane	7.385	83	13155	3.815	ug/L	98
37) 1,2-Dichloropropane	7.440	63	8815	3.982	ug/L	99
38) Bromodichloromethane	7.824	83	11476	4.188	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	12867	4.019	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	28856	7.921	ug/L	100
42) Toluene	8.720	91	36219	4.077	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	11388	3.799	ug/L	97

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 Sample : VSTD005
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 ALS Vial : 2 Sample Multiplier: 1

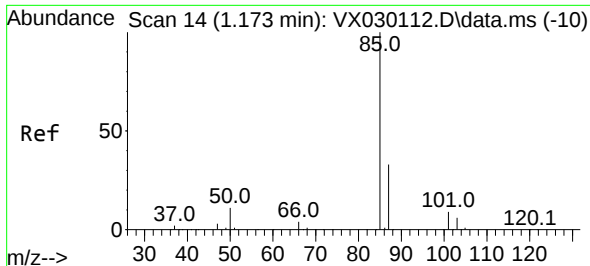
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005672

Quant Time: Jul 20 07:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:31:59 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	9.153	97	9049	4.222	ug/L	93
46) Tetrachloroethene	9.275	164	7039	4.433	ug/L	85
48) 2-Hexanone	9.433	43	24098	8.238	ug/L	95
49) Dibromochloromethane	9.525	129	8751	4.081	ug/L	98
50) 1,2-Dibromoethane	9.610	107	9873	4.338	ug/L #	87
51) Chlorobenzene	10.079	112	23331	4.179	ug/L	99
52) Ethylbenzene	10.195	91	37382	3.947	ug/L	95
53) m,p-Xylene	10.299	106	14164	3.837	ug/L	99
54) o-Xylene	10.640	106	13692	3.820	ug/L	98
55) Styrene	10.659	104	23069	3.736	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	14446	4.271	ug/L	87
59) Bromoform	10.799	173	5609	4.109	ug/L	98
60) Isopropylbenzene	10.963	105	34751	4.057	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	11855	4.573	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	27052	3.822	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	26249	3.719	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	15639	4.150	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	15954	4.212	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	16348	4.265	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	12.945	75	3052	3.920	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	9882	3.884	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	8234	3.687	ug/L	96
71) Naphthalene	13.780	128	32345	3.540	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	9435	3.977	ug/L	92

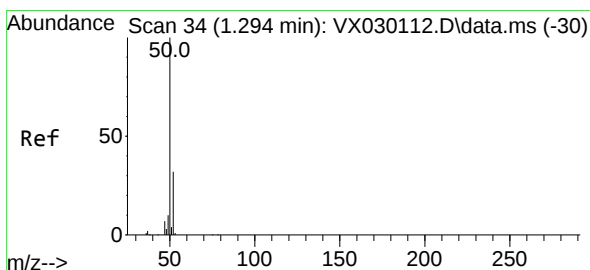
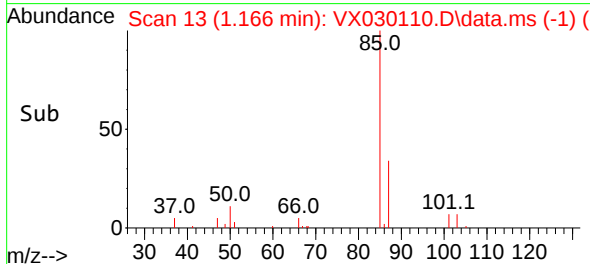
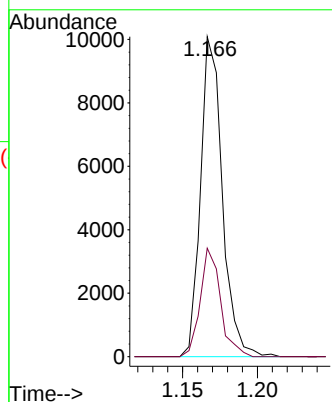
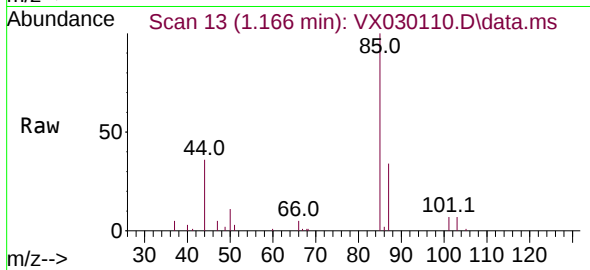
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#2
 Dichlorodifluoromethane
 Concen: 4.449 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

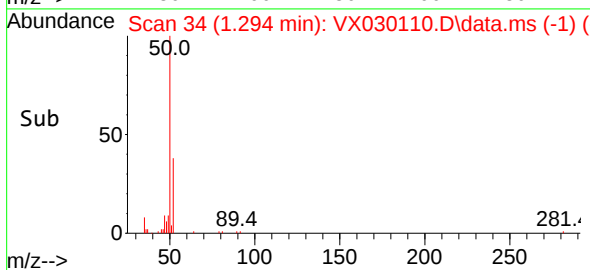
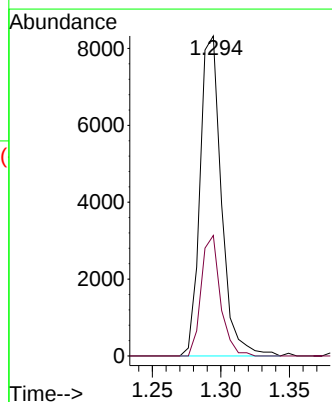
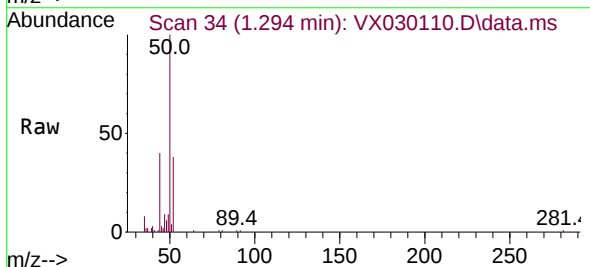
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005672

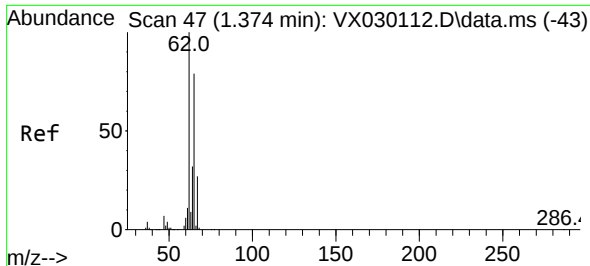
Tgt Ion: 85 Resp: 10221
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.7 38.5



#3
 Chloromethane
 Concen: 4.417 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

Tgt Ion: 50 Resp: 9069
 Ion Ratio Lower Upper
 50 100
 52 37.6 22.6 42.0

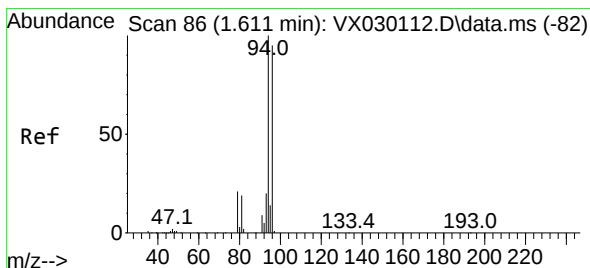
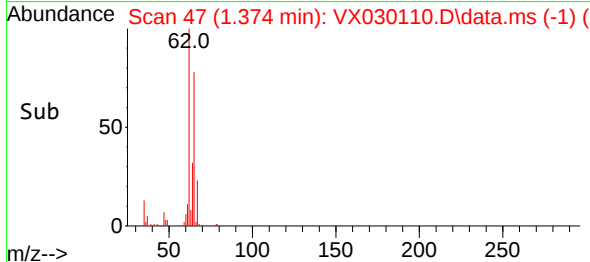
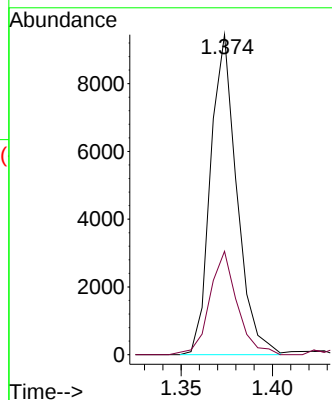
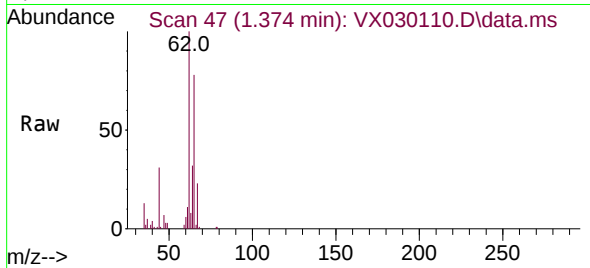




#5
 Vinyl chloride
 Concen: 4.415 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

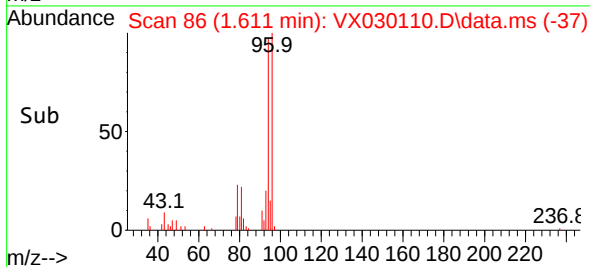
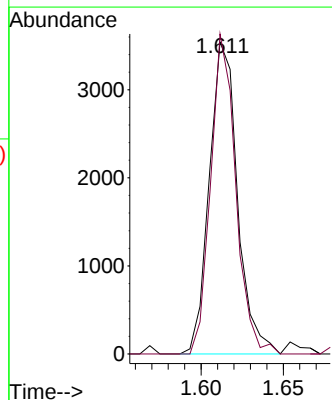
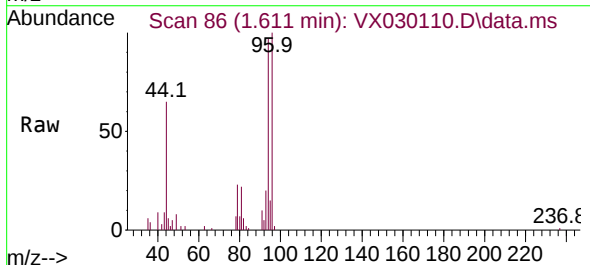
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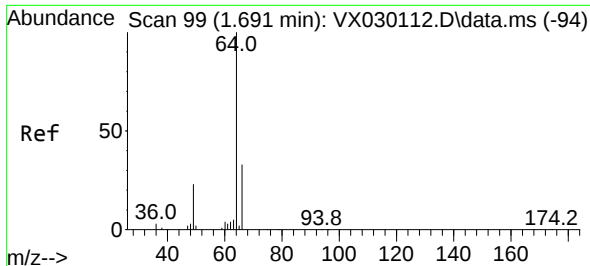
Tgt Ion: 62 Resp: 9450
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.1 41.1



#6
 Bromomethane
 Concen: 4.373 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

Tgt Ion: 94 Resp: 4222
 Ion Ratio Lower Upper
 94 100
 96 102.6 66.5 123.5

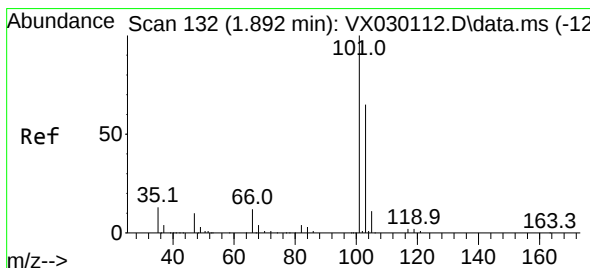
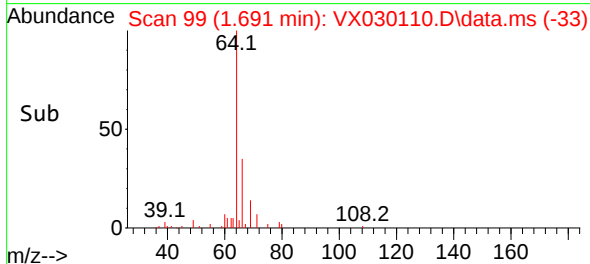
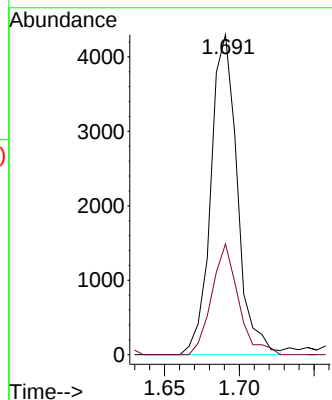
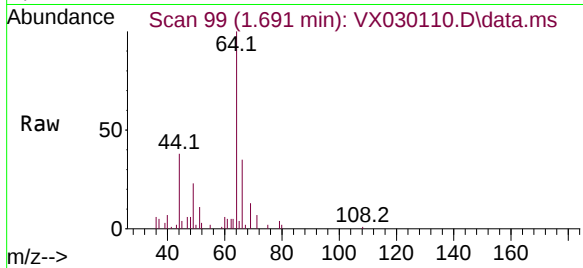




#8
 Chloroethane
 Concen: 4.477 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

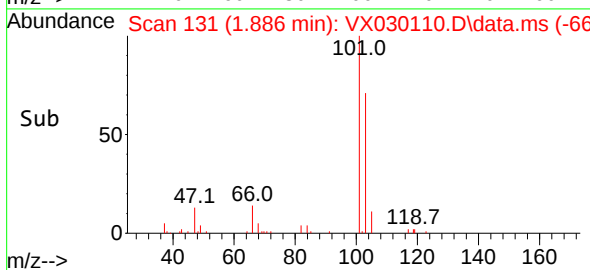
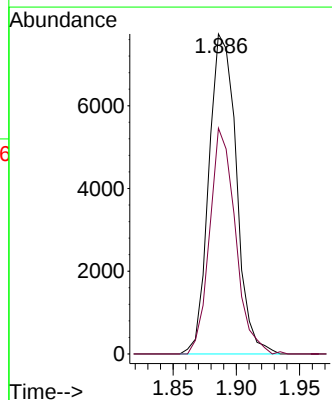
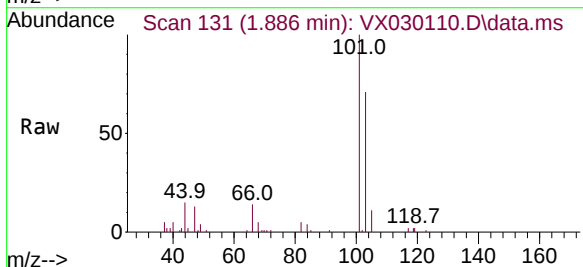
Instrument :
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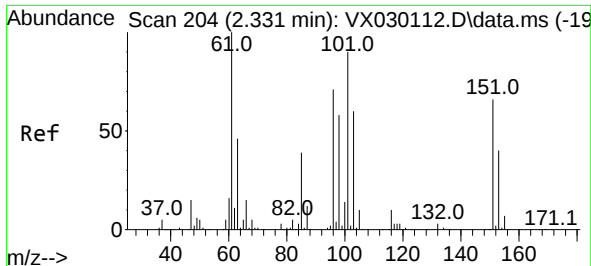
Tgt Ion: 64 Resp: 5288
 Ion Ratio Lower Upper
 64 100
 66 34.6 23.0 42.6



#9
 Trichlorofluoromethane
 Concen: 4.214 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. -0.006 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

Tgt Ion: 101 Resp: 11676
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.8 77.6

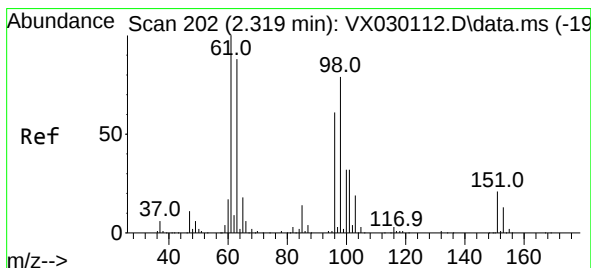
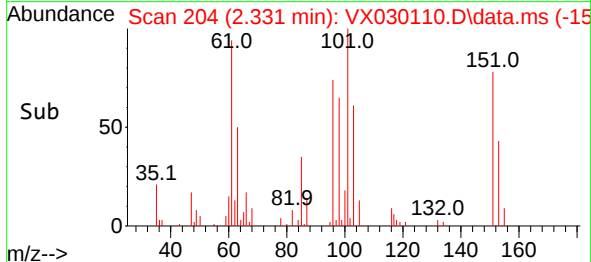
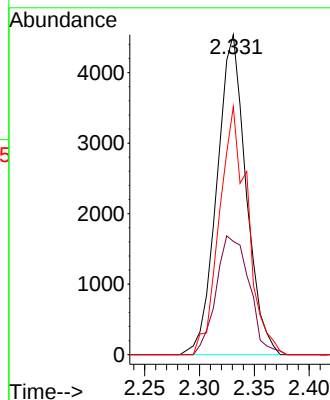
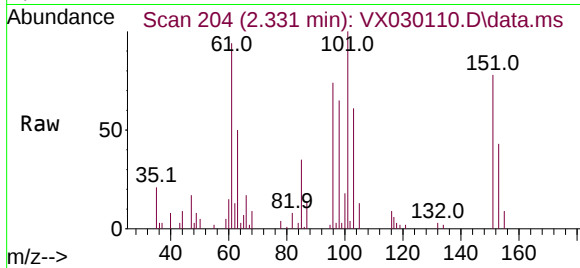




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.291 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

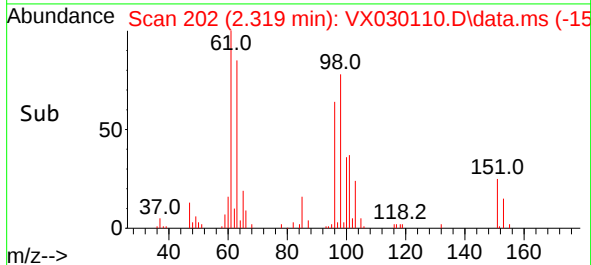
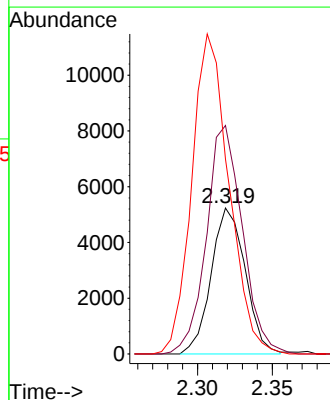
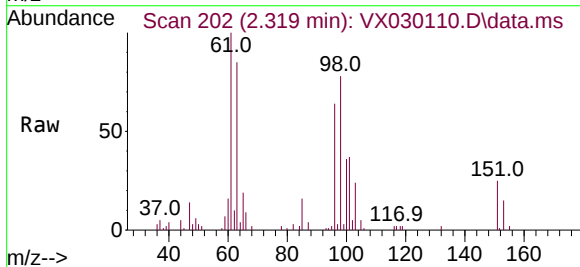
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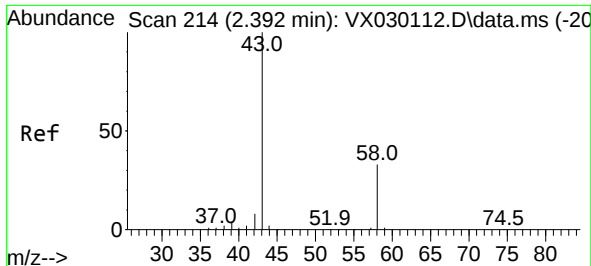
Tgt Ion:101 Resp: 8406
 Ion Ratio Lower Upper
 101 100
 85 42.1 34.1 51.1
 151 75.4 59.4 89.2



#12
 1,1-Dichloroethene
 Concen: 4.393 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

Tgt Ion: 96 Resp: 8297
 Ion Ratio Lower Upper
 96 100
 61 156.6 115.1 213.7
 63 133.5 104.1 193.3





#13

Acetone

Concen: 8.920 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

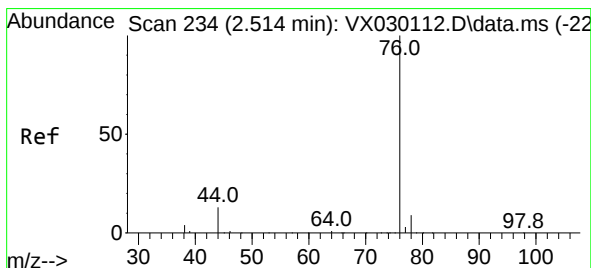
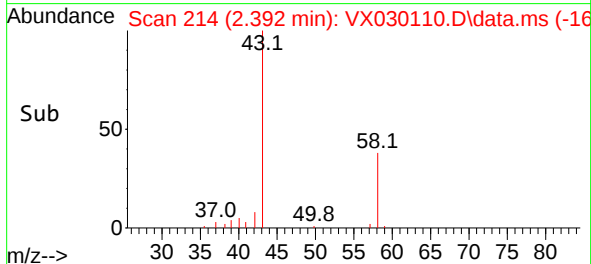
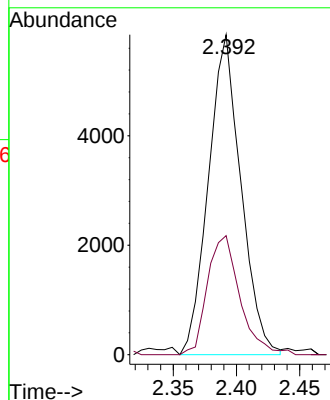
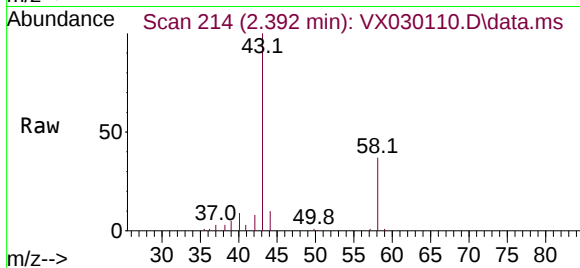
VSTD005672

Tgt Ion: 43 Resp: 10450

Ion Ratio Lower Upper

43 100

58 36.9 0.0 65.6



#14

Carbon disulfide

Concen: 4.341 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX030110.D

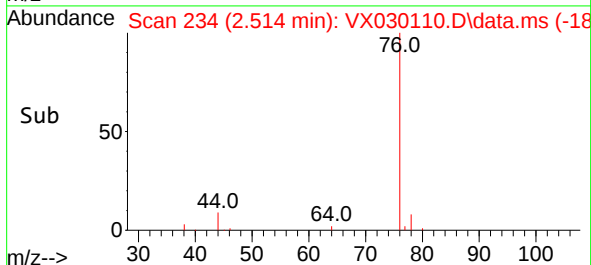
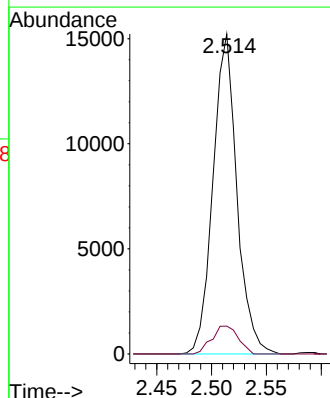
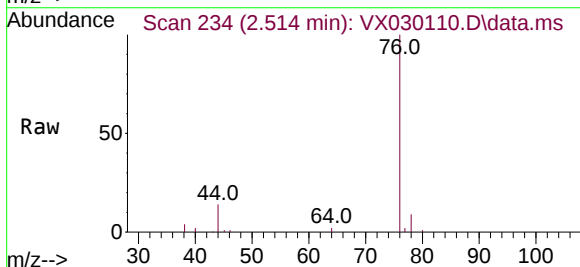
Acq: 19 Jul 2022 11:15

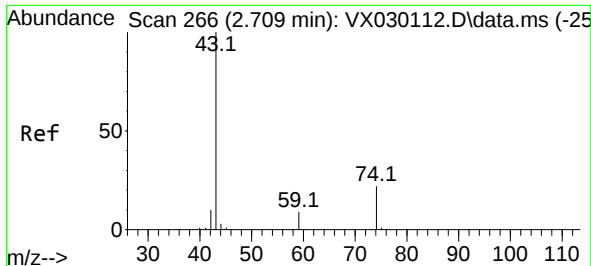
Tgt Ion: 76 Resp: 23070

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9





#15

Methyl Acetate

Concen: 4.284 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

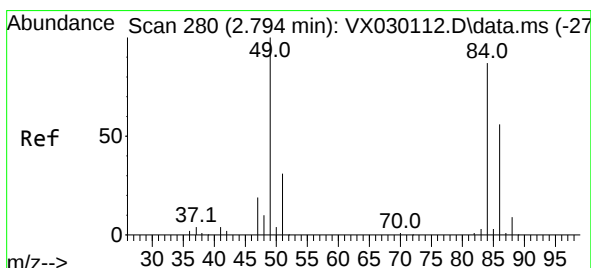
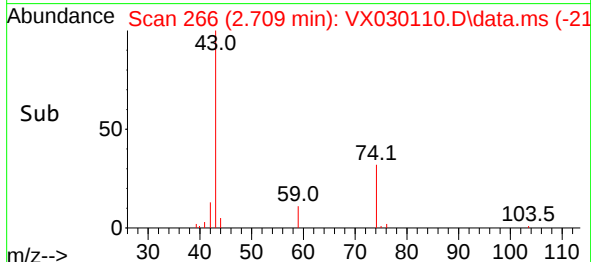
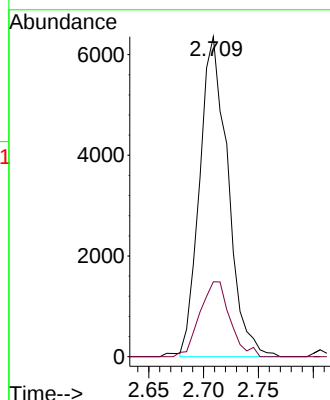
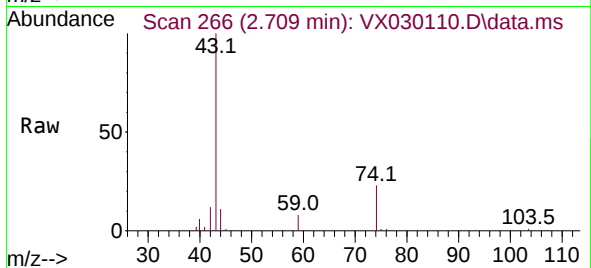
VSTD005672

Tgt Ion: 43 Resp: 11431

Ion Ratio Lower Upper

43 100

74 24.3 18.7 28.1



#16

Methylene chloride

Concen: 4.829 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

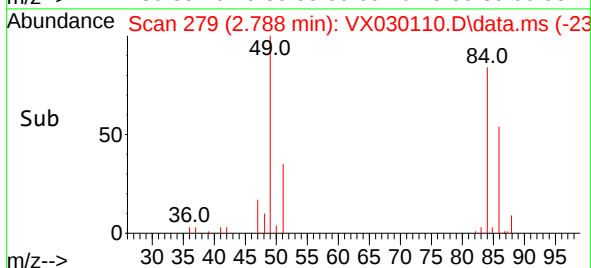
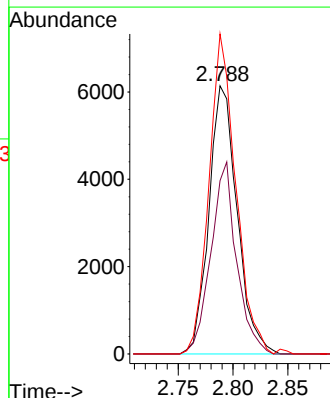
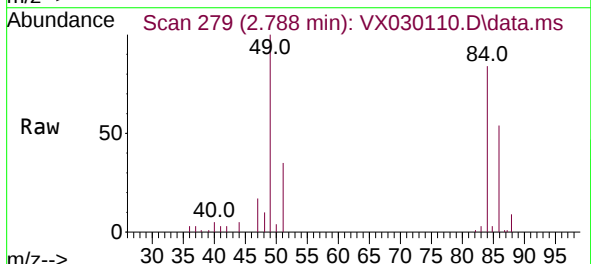
Tgt Ion: 84 Resp: 11008

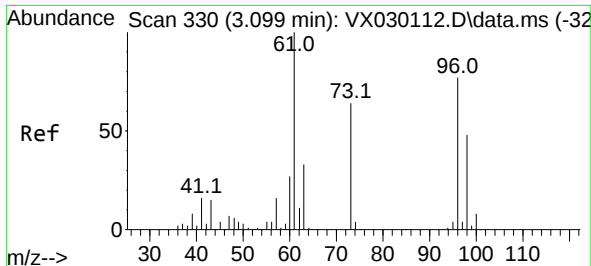
Ion Ratio Lower Upper

84 100

86 64.6 44.8 83.2

49 119.3 80.6 149.6

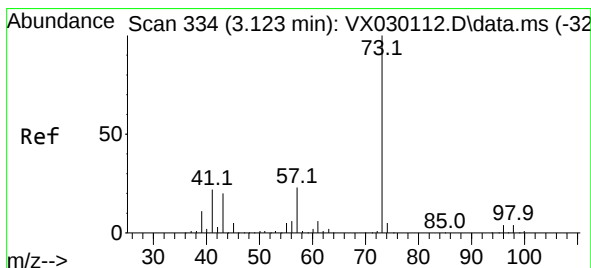
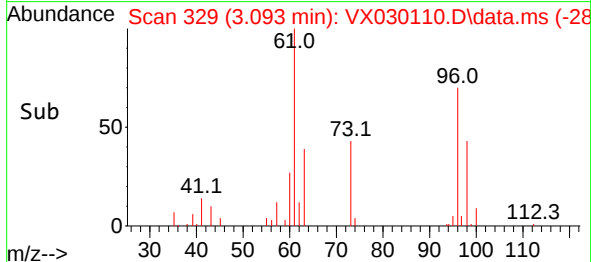
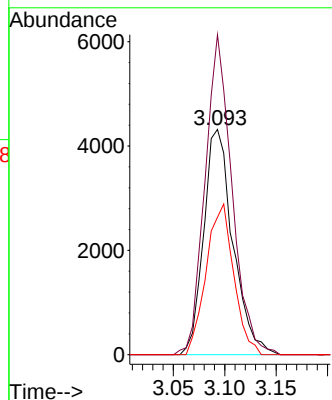
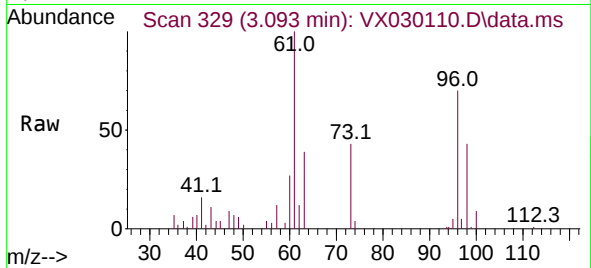




#17
trans-1,2-Dichloroethene
Concen: 4.251 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

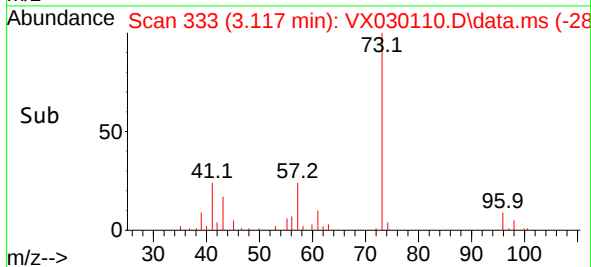
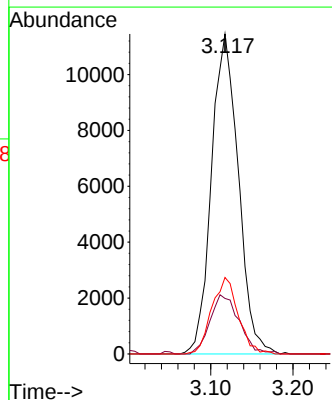
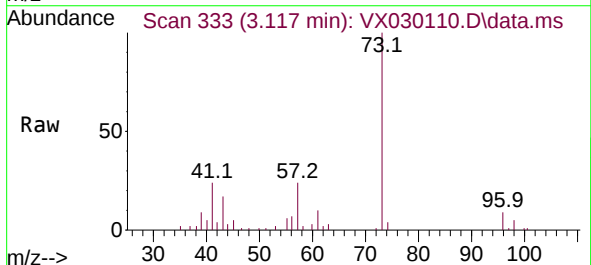
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

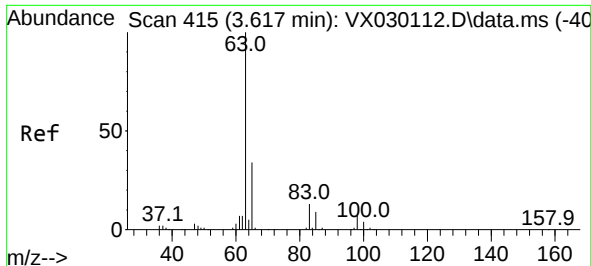
Tgt Ion: 96 Resp: 8544
Ion Ratio Lower Upper
96 100
61 142.1 90.4 168.0
98 61.0 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 4.208 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion: 73 Resp: 26050
Ion Ratio Lower Upper
73 100
43 19.9 16.2 24.4
57 23.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 4.167 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD005672

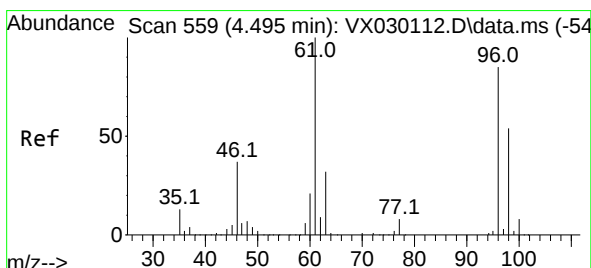
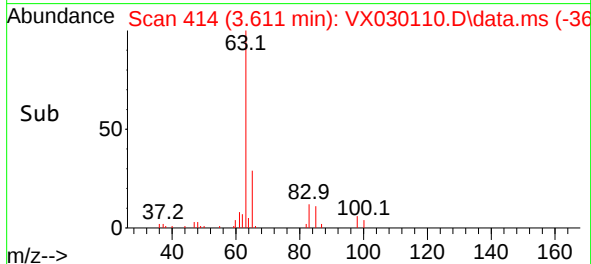
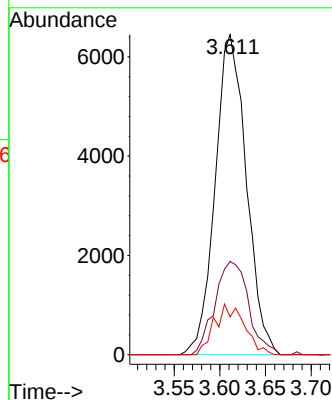
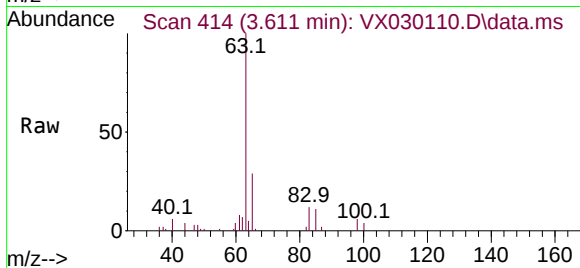
Tgt Ion: 63 Resp: 15309

Ion Ratio Lower Upper

63 100

65 29.2 23.4 43.6

83 11.8 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 4.188 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

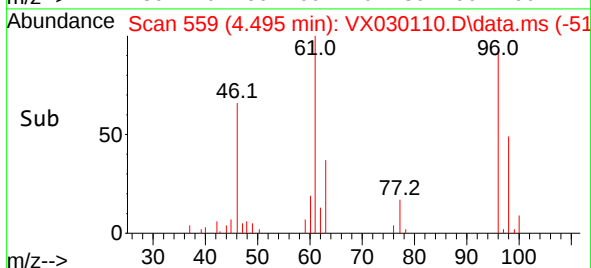
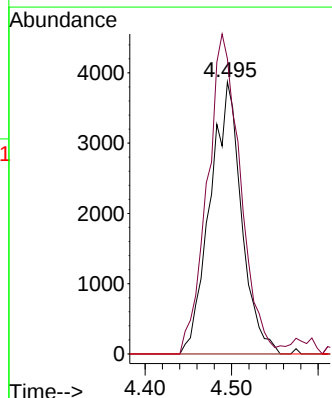
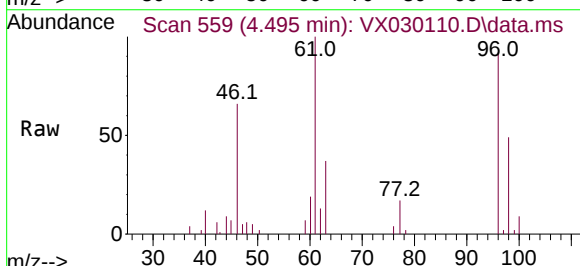
Tgt Ion: 96 Resp: 9772

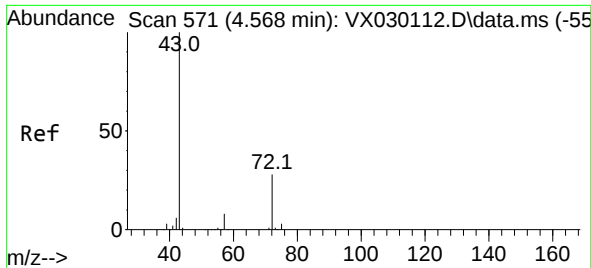
Ion Ratio Lower Upper

96 100

61 108.5 82.1 152.5

68 0.0 0.0 0.0

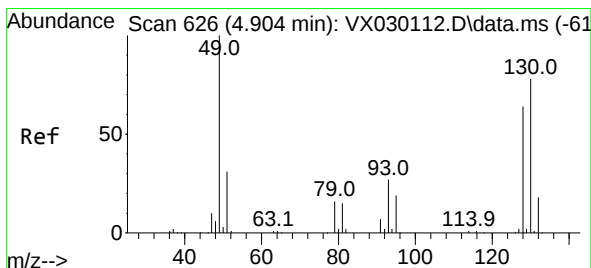
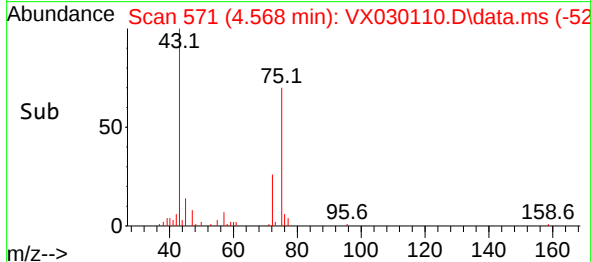
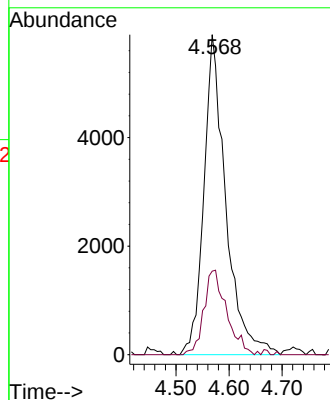
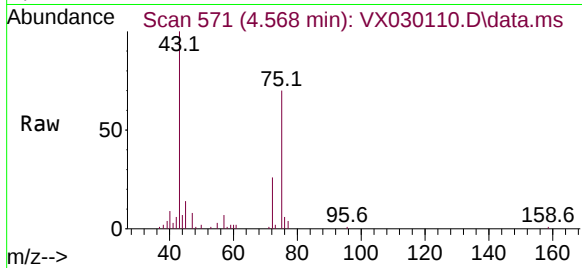




#22
2-Butanone
Concen: 8.432 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

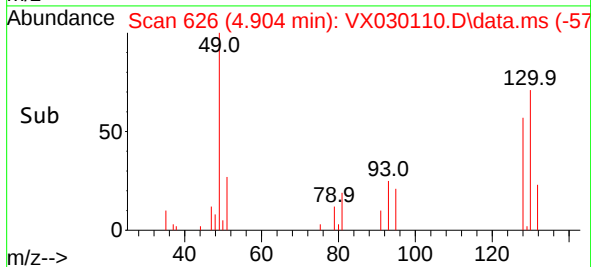
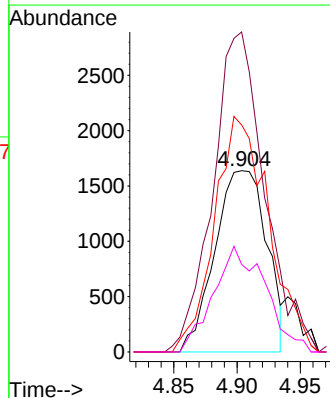
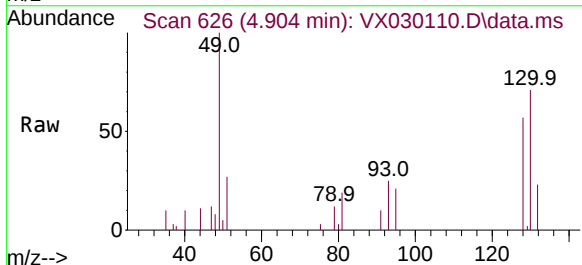
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

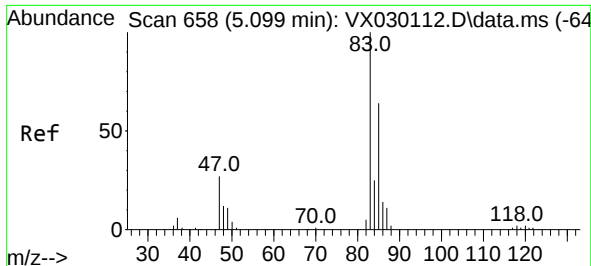
Tgt Ion: 43 Resp: 16889
Ion Ratio Lower Upper
43 100
72 23.9 13.1 39.3



#23
Bromochloromethane
Concen: 4.024 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion: 128 Resp: 4673
Ion Ratio Lower Upper
128 100
49 176.6 110.0 204.4
130 125.3 86.0 159.6
51 48.3 38.6 58.0





#25

Chloroform

Concen: 4.262 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

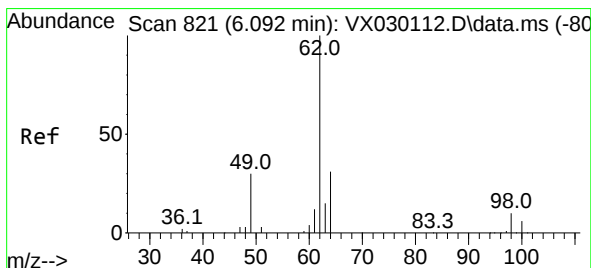
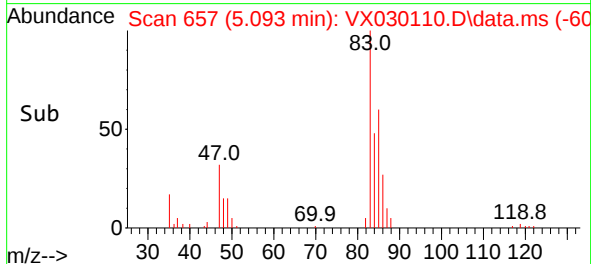
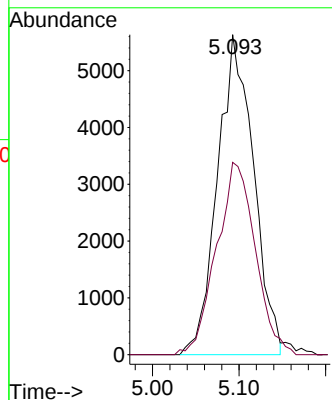
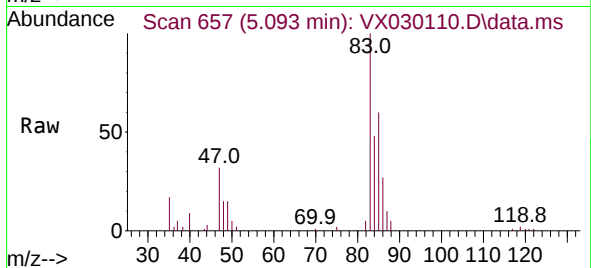
VSTD005672

Tgt Ion: 83 Resp: 16252

Ion Ratio Lower Upper

83 100

85 60.1 44.7 82.9



#27

1,2-Dichloroethane

Concen: 4.270 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX030110.D

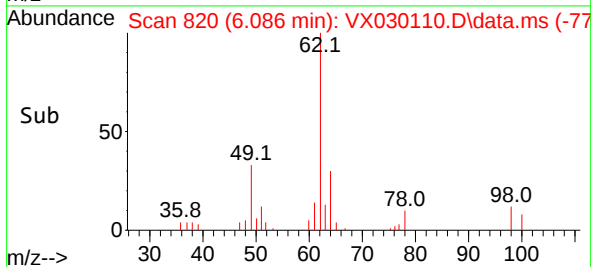
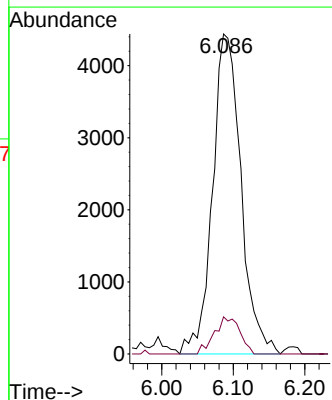
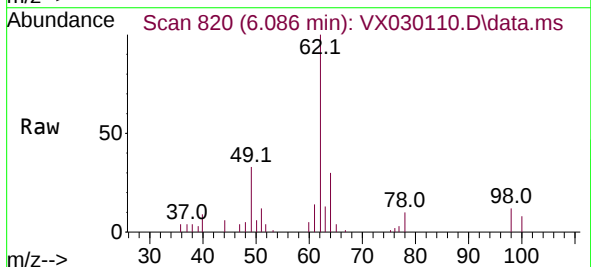
Acq: 19 Jul 2022 11:15

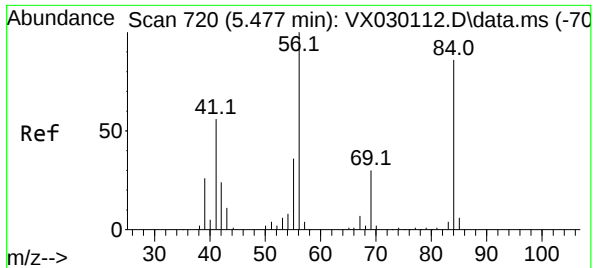
Tgt Ion: 62 Resp: 12229

Ion Ratio Lower Upper

62 100

98 11.6 8.0 12.0

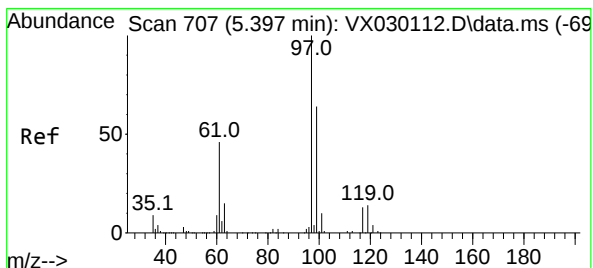
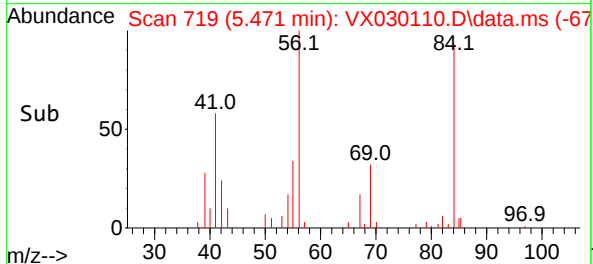
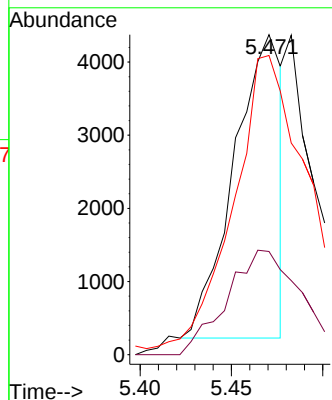
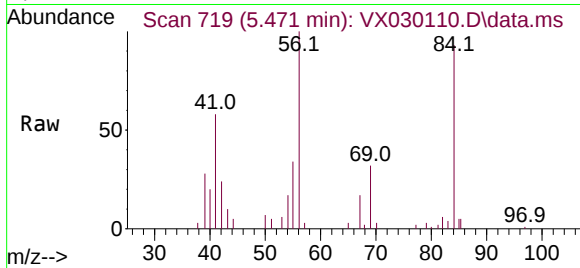




#29
Cyclohexane
Concen: 2.236 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

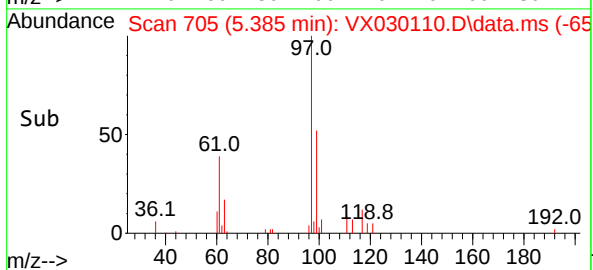
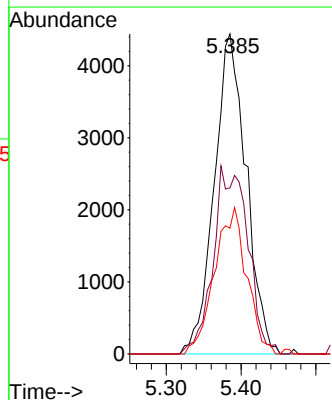
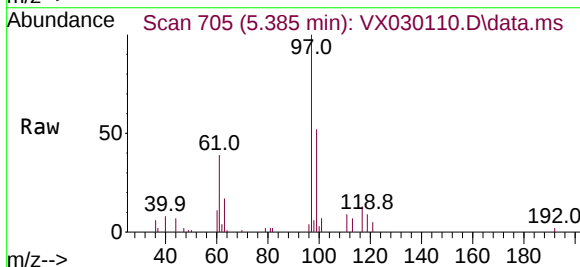
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

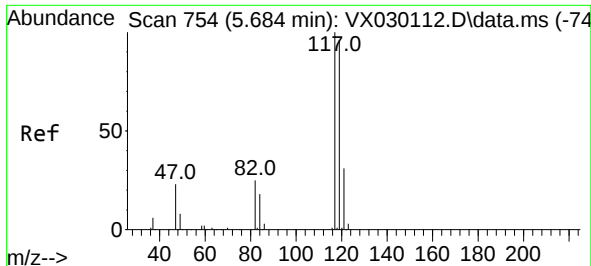
Tgt Ion: 56 Resp: 7537
Ion Ratio Lower Upper
56 100
69 55.3 24.2 36.2#
84 159.1 70.4 105.6#



#30
1,1,1-Trichloroethane
Concen: 4.367 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion: 97 Resp: 13203
Ion Ratio Lower Upper
97 100
99 26.6 51.2 76.8#
61 24.9 36.8 55.2#

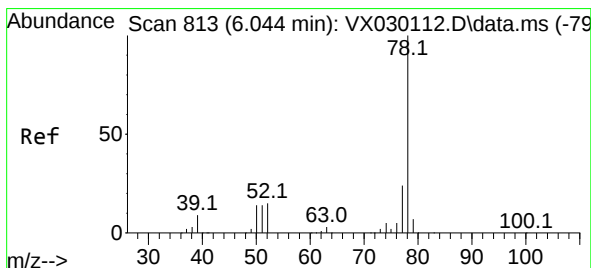
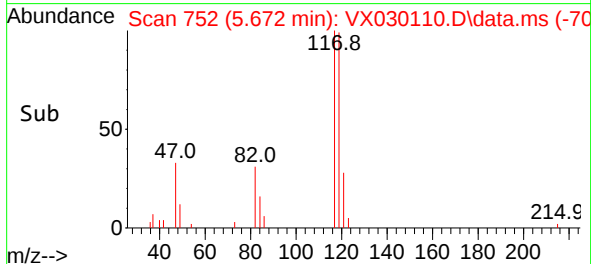
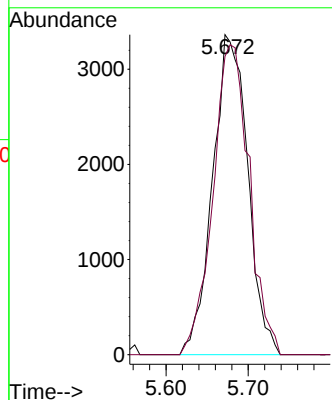
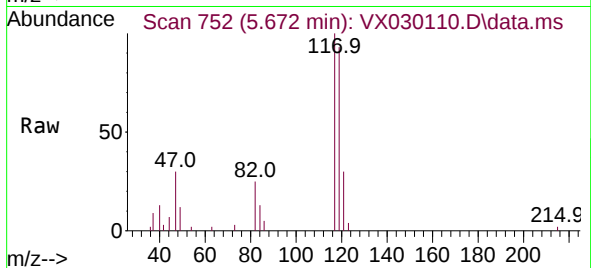




#31
Carbon tetrachloride
Concen: 4.004 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

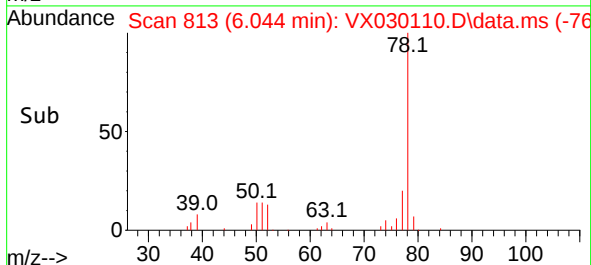
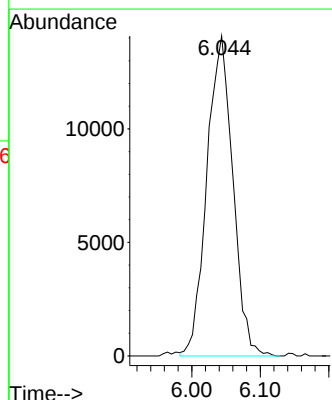
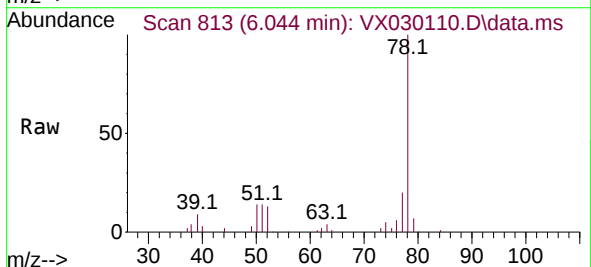
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

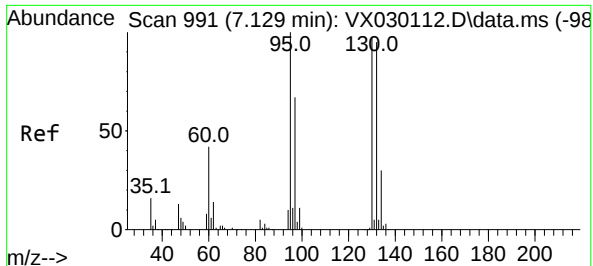
Tgt Ion:117 Resp: 9972
Ion Ratio Lower Upper
117 100
119 100.1 77.4 116.2



#33
Benzene
Concen: 4.342 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion: 78 Resp: 37150



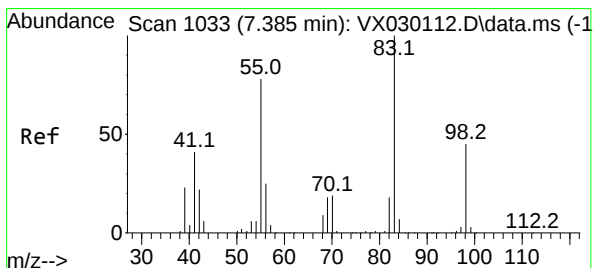
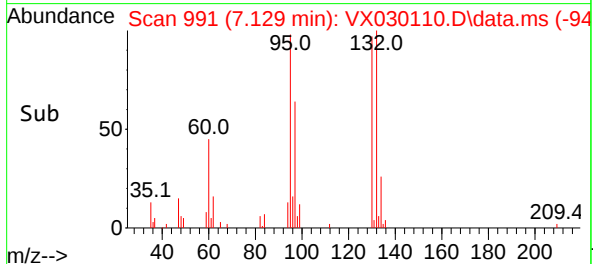
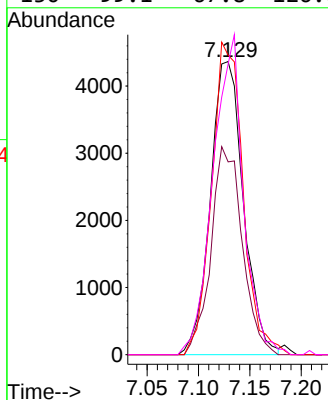
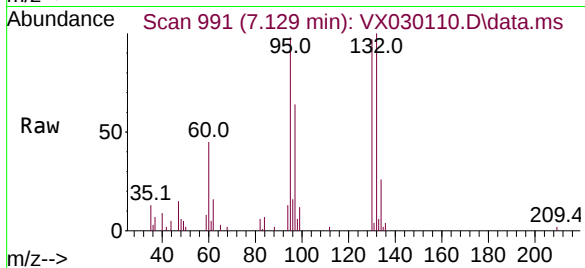


#34
Trichloroethene
Concen: 4.264 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

Tgt Ion: 95 Resp: 9772

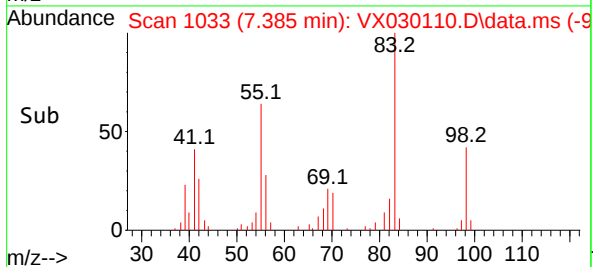
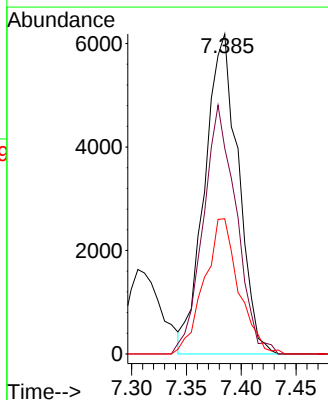
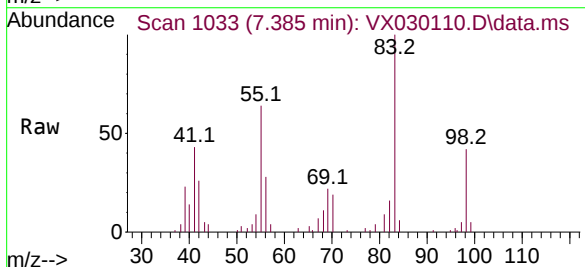
Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.6	86.6
132	102.2	66.4	123.2
130	99.1	67.8	126.0

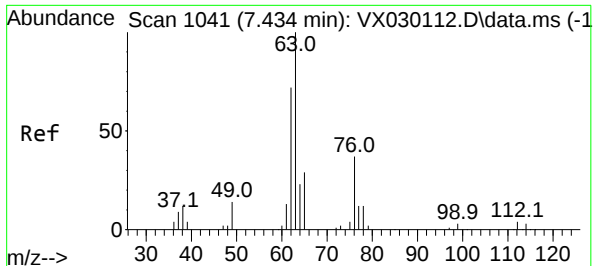


#35
Methylcyclohexane
Concen: 3.815 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion: 83 Resp: 13155

Ion	Ratio	Lower	Upper
83	100		
55	75.6	59.7	89.5
98	43.3	37.0	55.6





#37

1,2-Dichloropropane

Concen: 3.982 ug/L

RT: 7.440 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

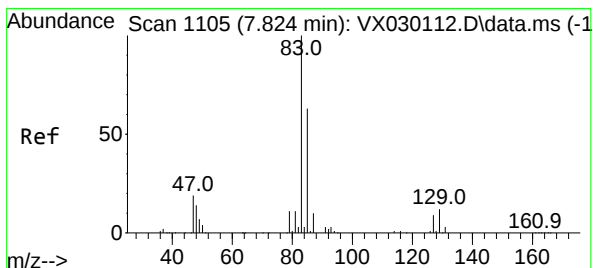
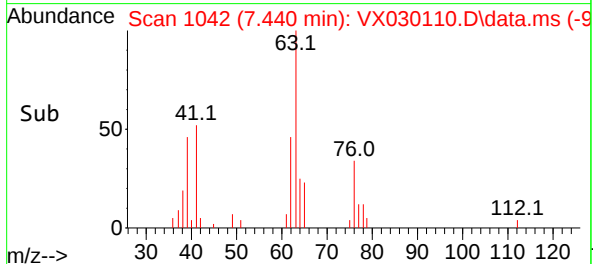
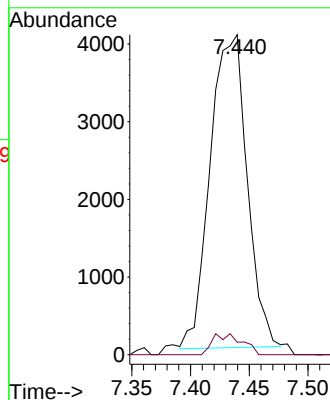
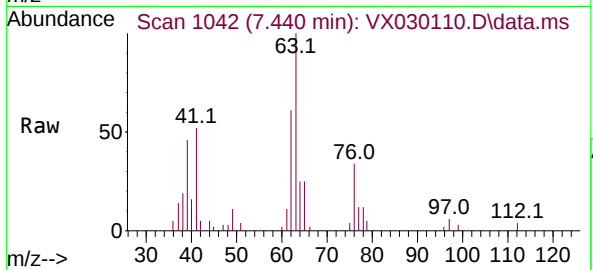
VSTD005672

Tgt Ion: 63 Resp: 8815

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 4.188 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

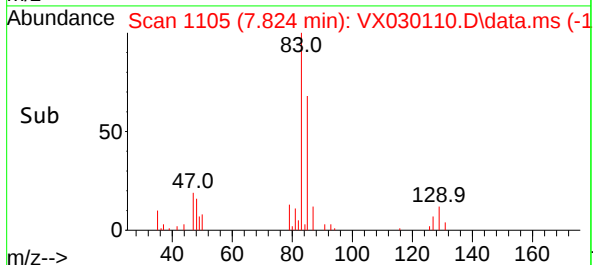
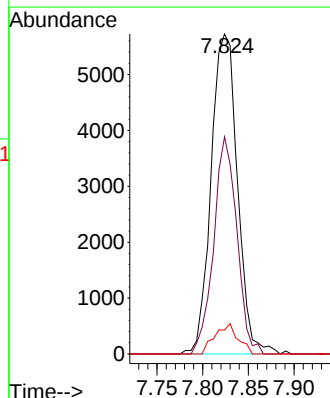
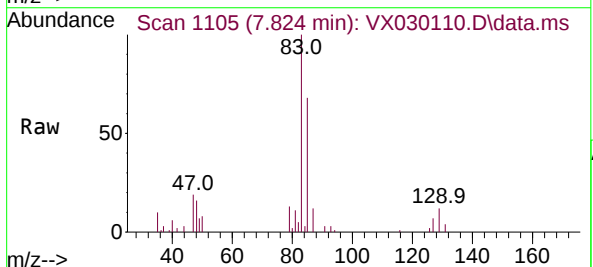
Tgt Ion: 83 Resp: 11476

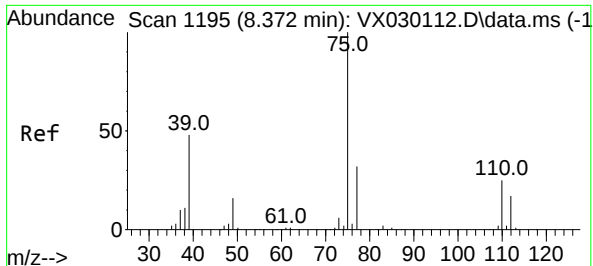
Ion Ratio Lower Upper

83 100

85 67.8 44.0 81.8

127 7.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.019 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

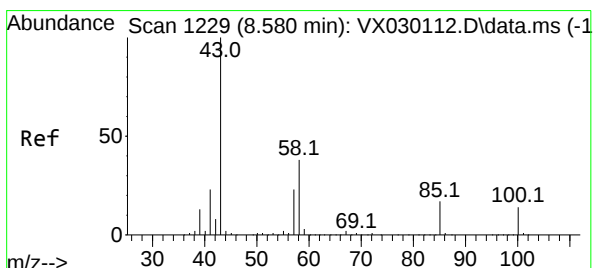
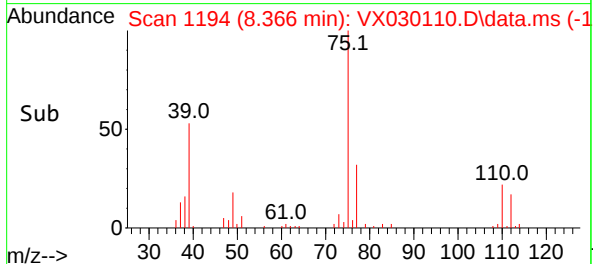
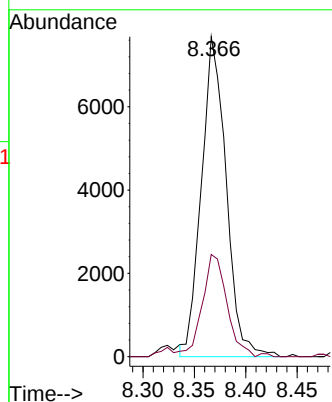
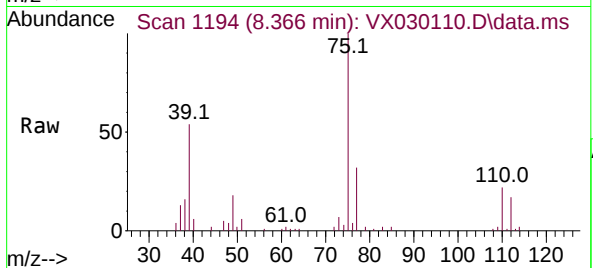
VSTD005672

Tgt Ion: 75 Resp: 12867

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 7.921 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

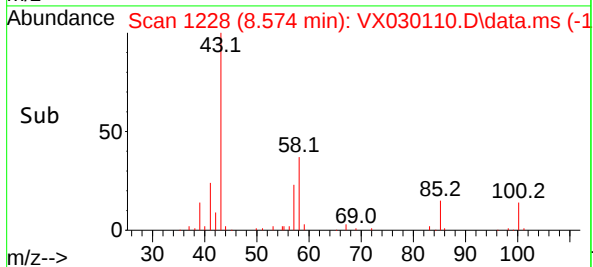
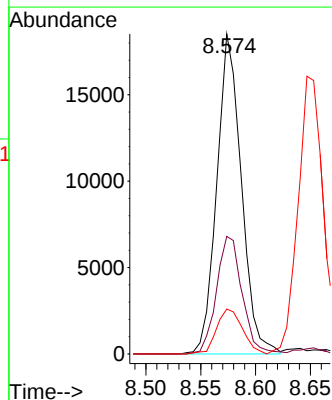
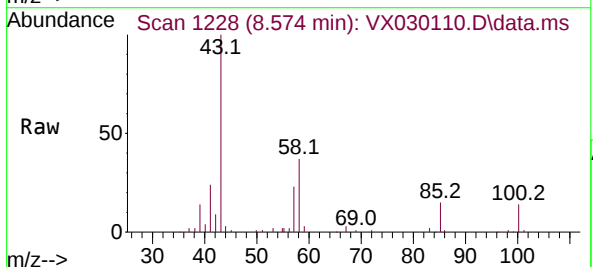
Tgt Ion: 43 Resp: 28856

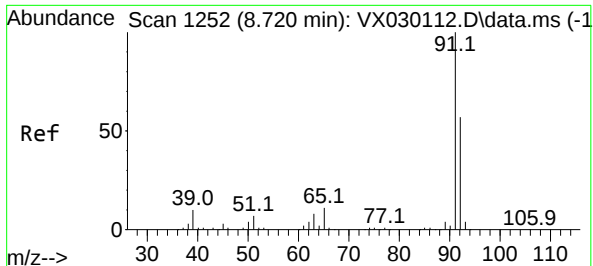
Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3

100 14.5 11.5 17.3





#42

Toluene

Concen: 4.077 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

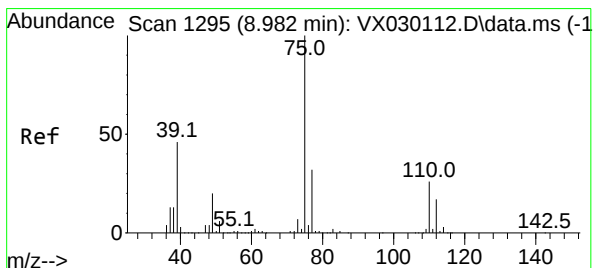
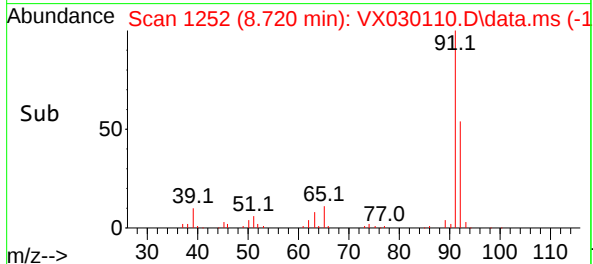
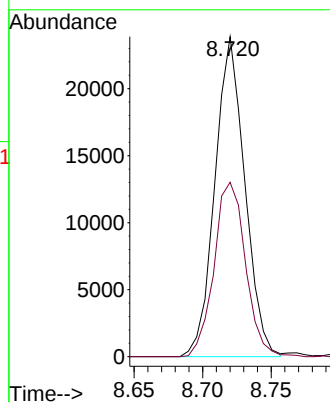
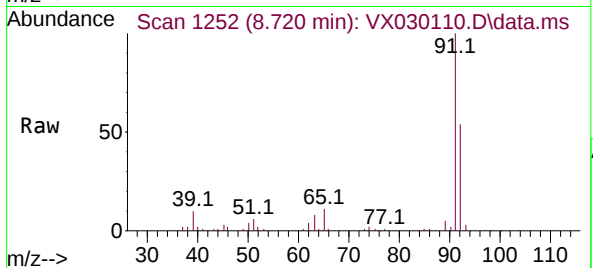
VSTD005672

Tgt Ion: 91 Resp: 36219

Ion Ratio Lower Upper

91 100

92 54.5 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 3.799 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX030110.D

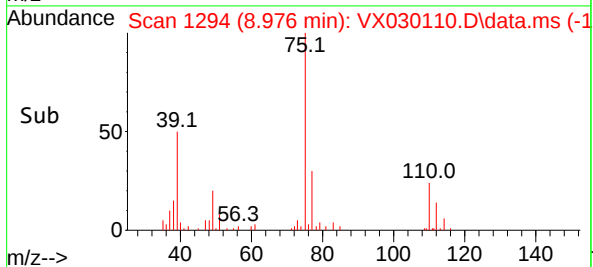
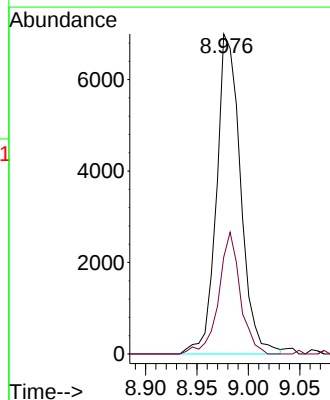
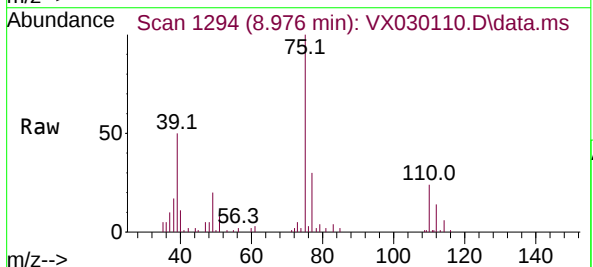
Acq: 19 Jul 2022 11:15

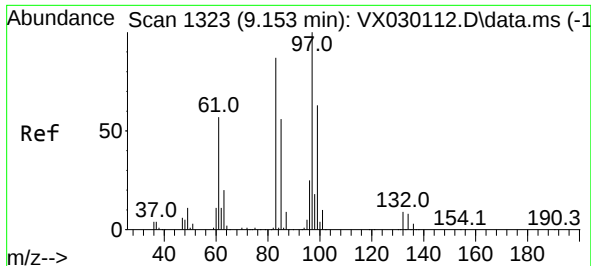
Tgt Ion: 75 Resp: 11388

Ion Ratio Lower Upper

75 100

77 30.3 22.2 41.2

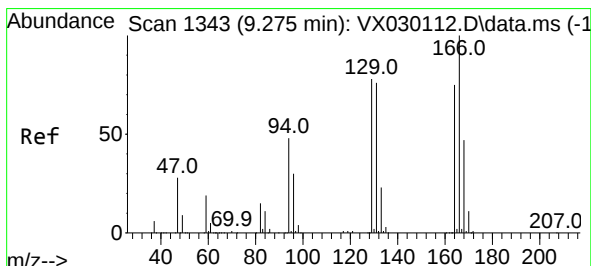
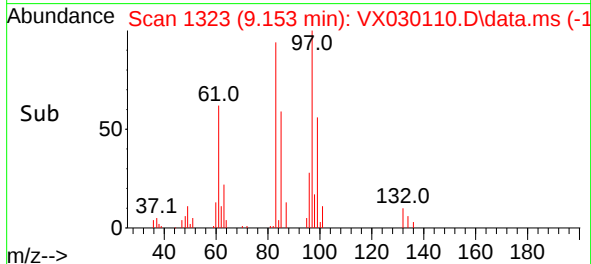
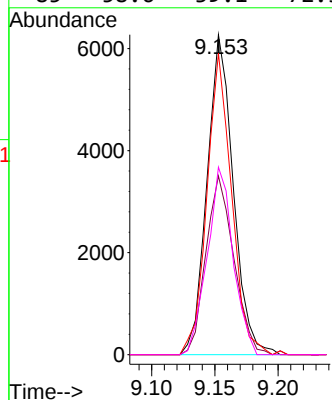
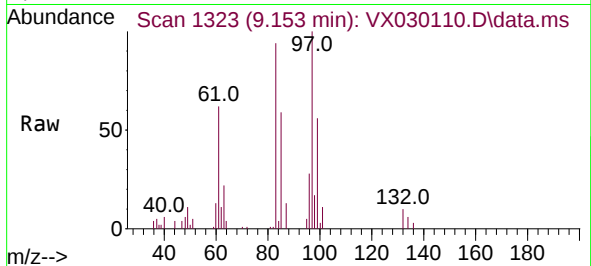




#45
1,1,2-Trichloroethane
Concen: 4.222 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

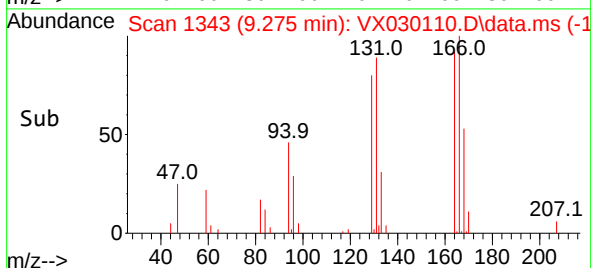
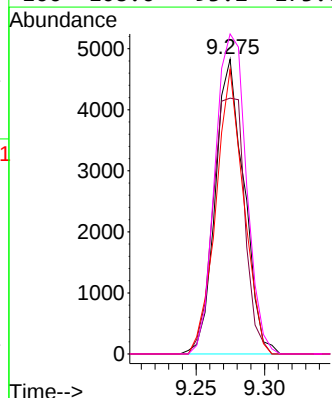
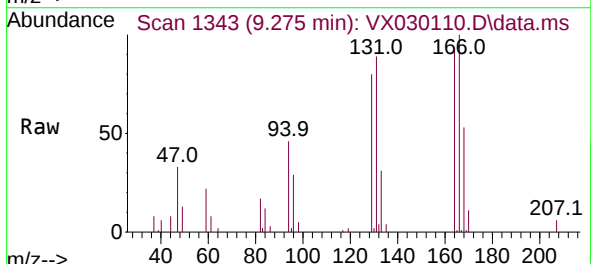
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

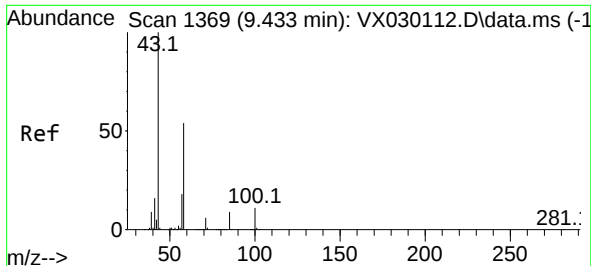
Tgt Ion: 97	Resp: 9049
Ion Ratio	Lower Upper
97 100	
99 55.9	43.8 81.4
83 94.2	61.2 113.8
85 58.6	39.1 72.5



#46
Tetrachloroethene
Concen: 4.433 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt	Ion:164	Resp:	7039
Ion	Ratio	Lower	Upper
164	100		
129	86.8	73.0	135.6
131	96.6	70.7	131.3
166	108.6	93.2	173.0

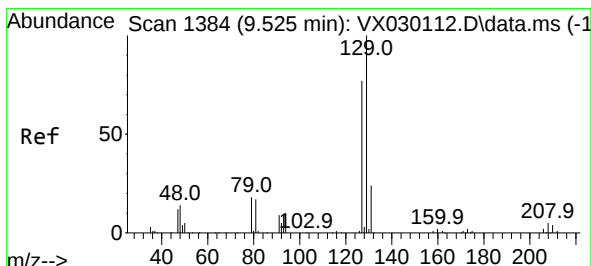
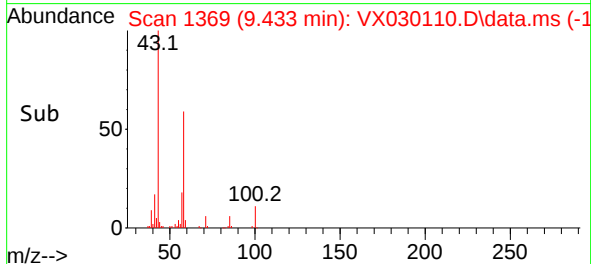
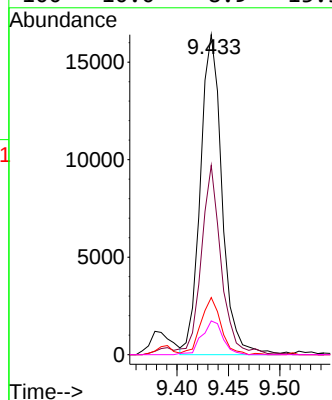
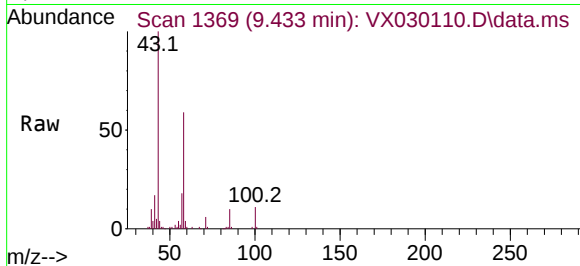




#48
2-Hexanone
Concen: 8.238 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

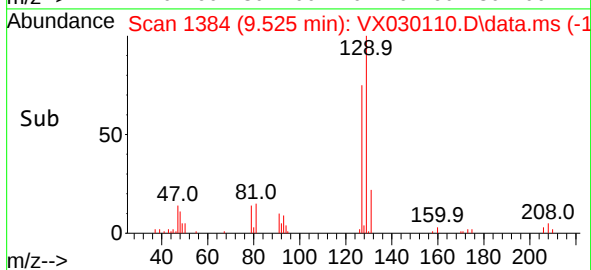
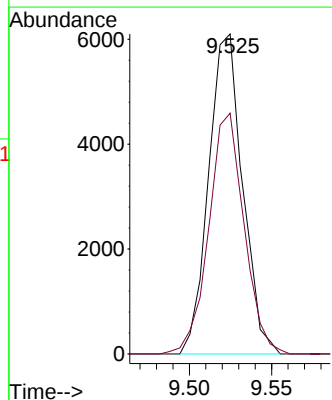
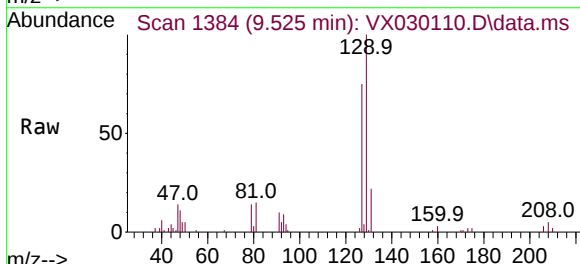
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

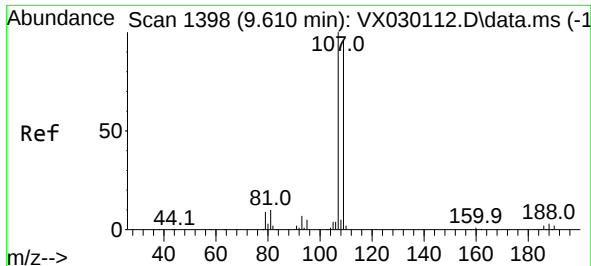
Tgt Ion: 43	Resp: 24098
Ion Ratio	Lower Upper
43 100	
58 50.5	43.4 65.2
57 16.6	14.3 21.5
100 10.0	8.9 13.3



#49
Dibromochloromethane
Concen: 4.081 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion:129	Resp:	8751	
Ion	Ratio	Lower	Upper
129	100		
127	75.2	53.6	99.6

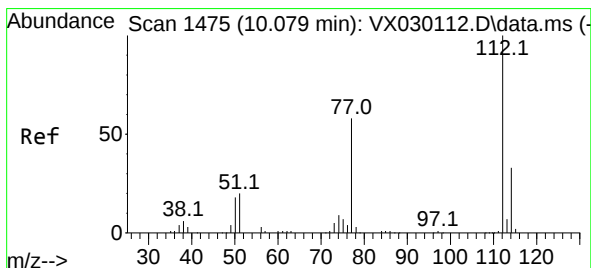
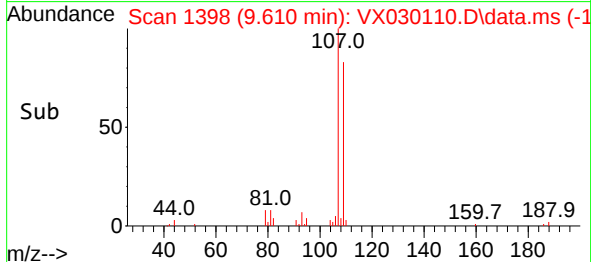
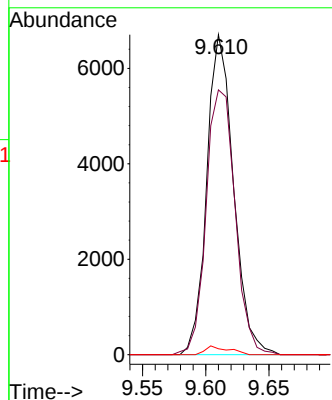
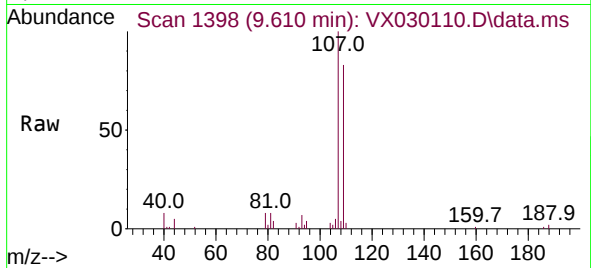




#50
1,2-Dibromoethane
Concen: 4.338 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

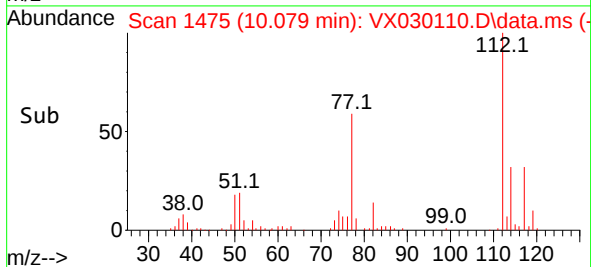
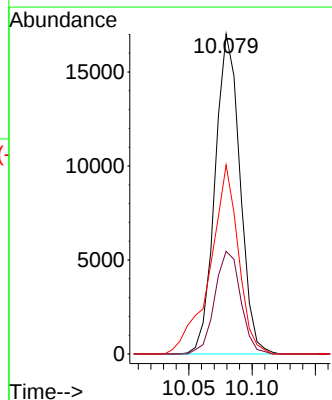
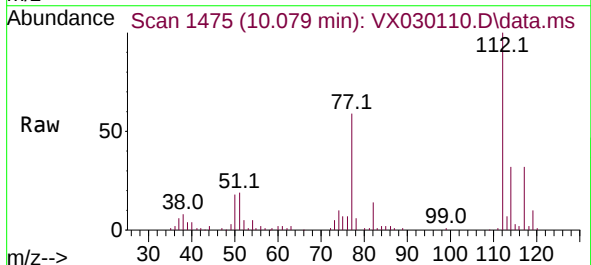
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

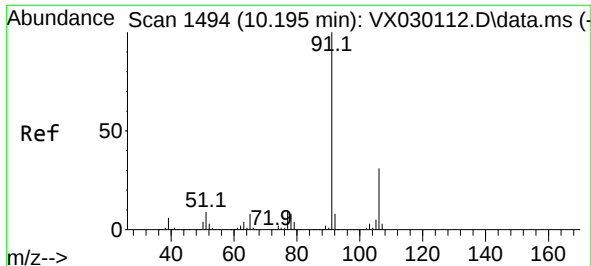
Tgt Ion:107 Resp: 9873
Ion Ratio Lower Upper
107 100
109 82.7 66.9 124.3
188 1.9 2.4 3.6#



#51
Chlorobenzene
Concen: 4.179 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion:112 Resp: 23331
Ion Ratio Lower Upper
112 100
114 32.1 23.4 43.4
77 59.0 46.7 70.1

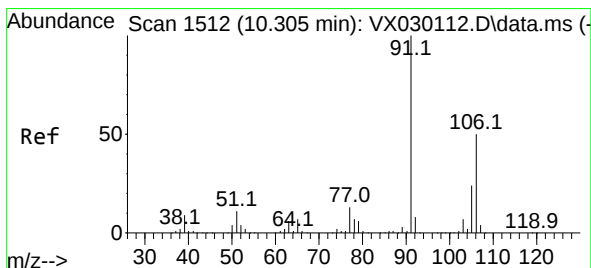
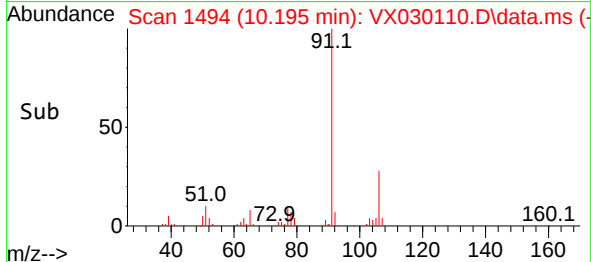
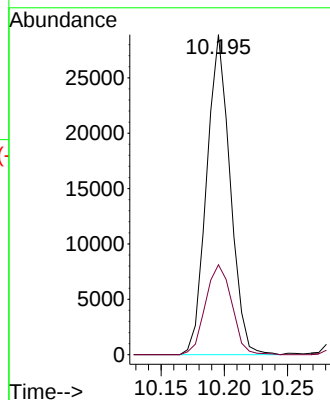
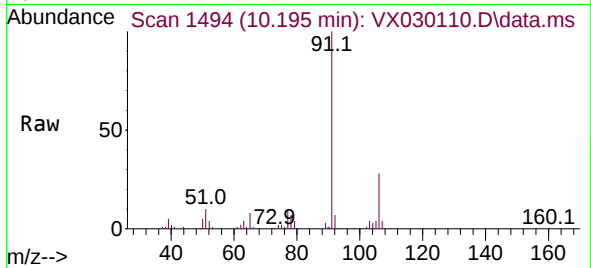




#52
Ethylbenzene
Concen: 3.947 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

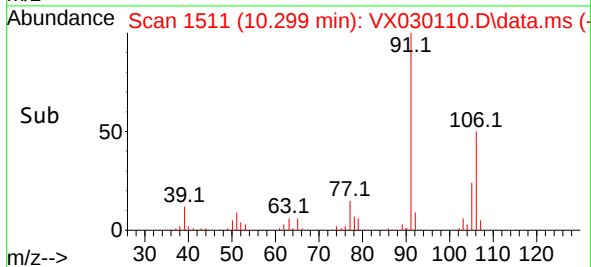
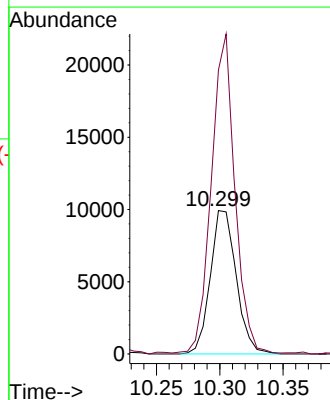
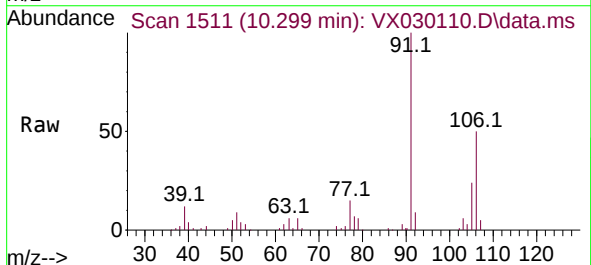
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

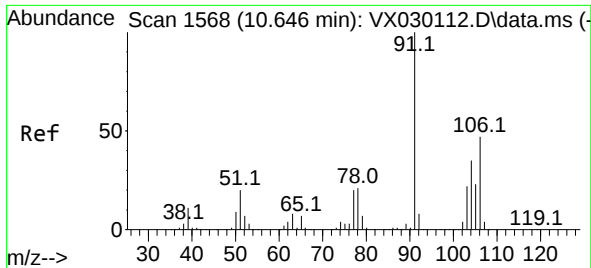
Tgt Ion: 91 Resp: 37382
Ion Ratio Lower Upper
91 100
106 28.1 21.7 40.3



#53
m,p-Xylene
Concen: 3.837 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion: 106 Resp: 14164
Ion Ratio Lower Upper
106 100
91 198.1 139.7 259.5

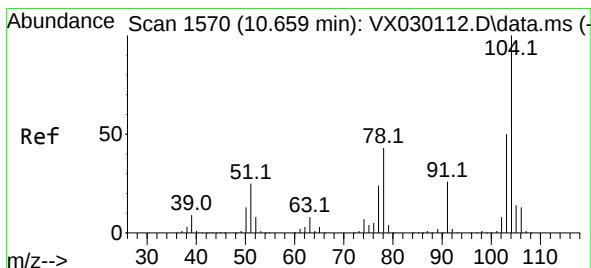
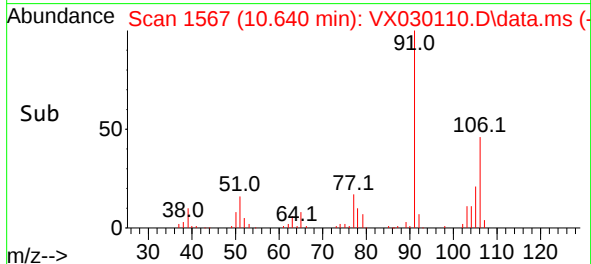
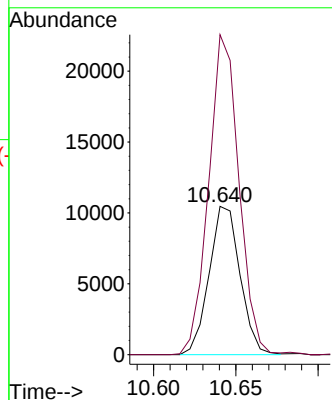
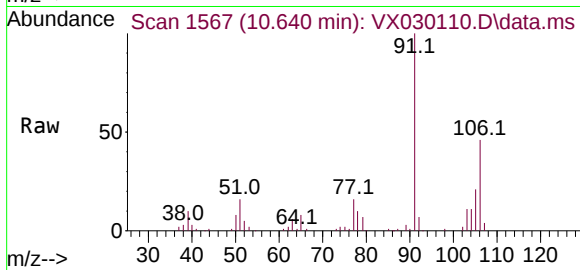




#54
o-Xylene
Concen: 3.820 ug/L
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

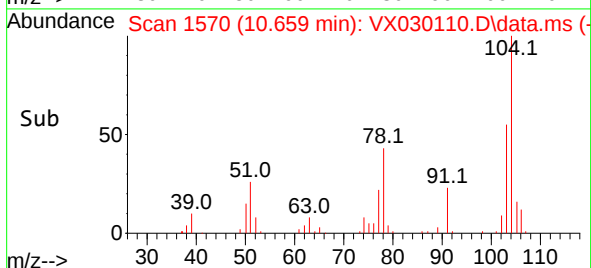
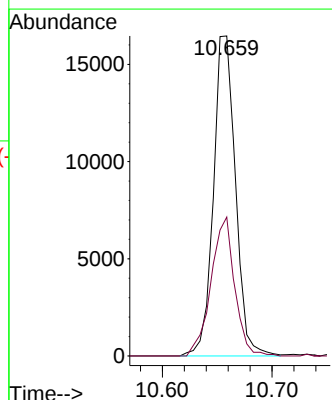
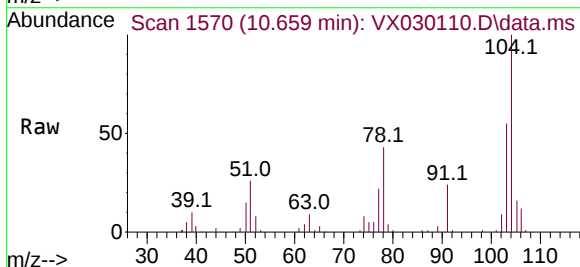
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

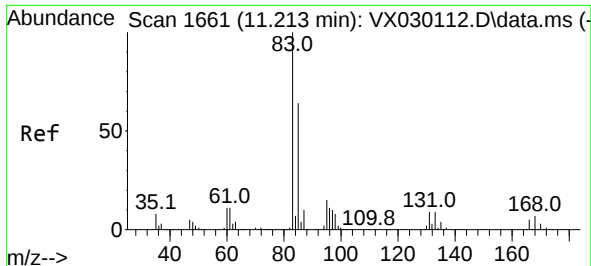
Tgt Ion:106 Resp: 13692
Ion Ratio Lower Upper
106 100
91 215.8 149.4 277.4



#55
Styrene
Concen: 3.736 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion:104 Resp: 23069
Ion Ratio Lower Upper
104 100
78 43.4 30.3 56.3

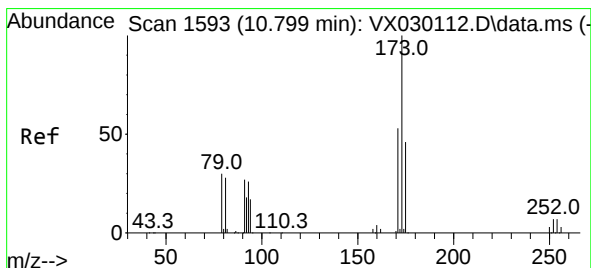
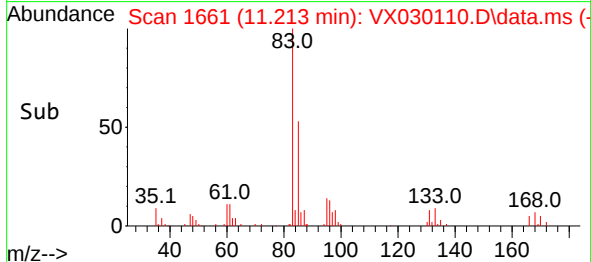
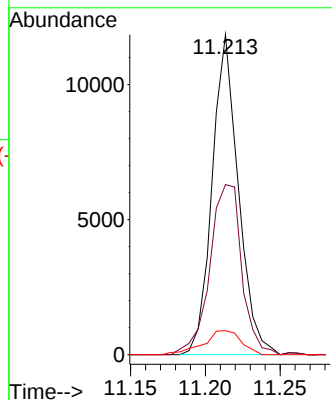
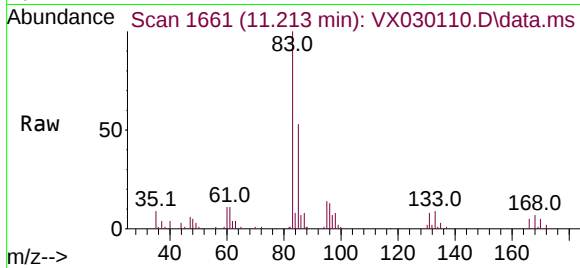




#57
1,1,2,2-Tetrachloroethane
Concen: 4.271 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

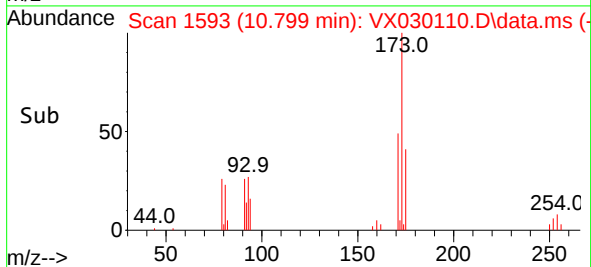
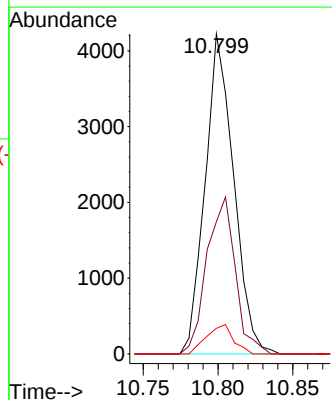
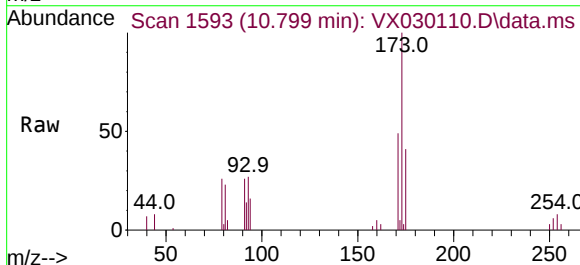
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

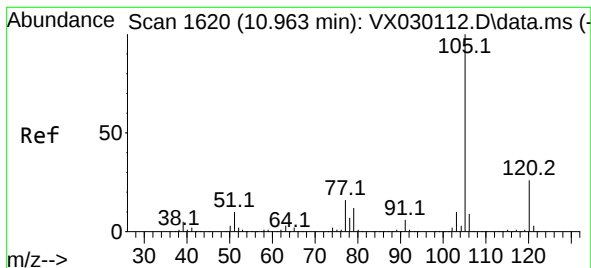
Tgt Ion: 83 Resp: 14446
Ion Ratio Lower Upper
83 100
85 53.2 44.7 83.1
131 7.5 7.2 10.8



#59
Bromoform
Concen: 4.109 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion: 173 Resp: 5609
Ion Ratio Lower Upper
173 100
175 48.8 37.8 56.6
254 8.6 6.4 9.6





#60

Isopropylbenzene

Concen: 4.057 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD005672

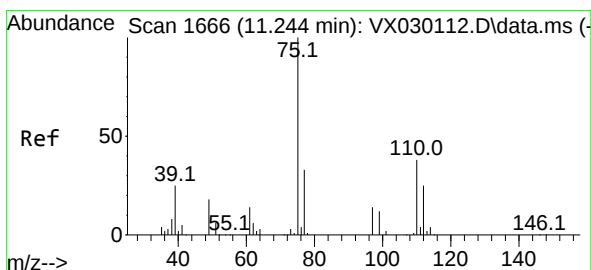
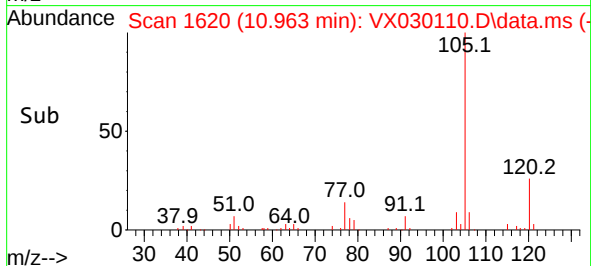
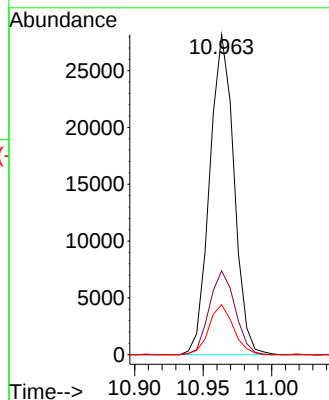
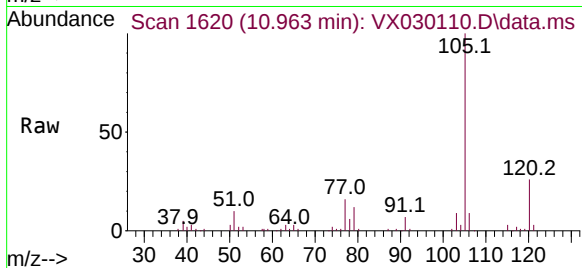
Tgt Ion:105 Resp: 34751

Ion Ratio Lower Upper

105 100

120 27.7 21.1 31.7

77 15.8 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 4.573 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

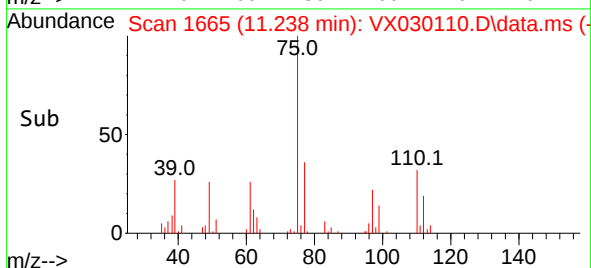
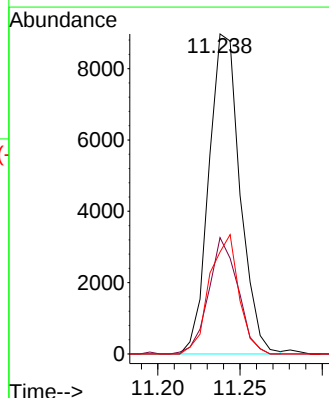
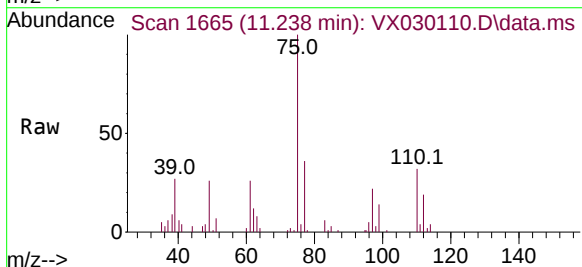
Tgt Ion: 75 Resp: 11855

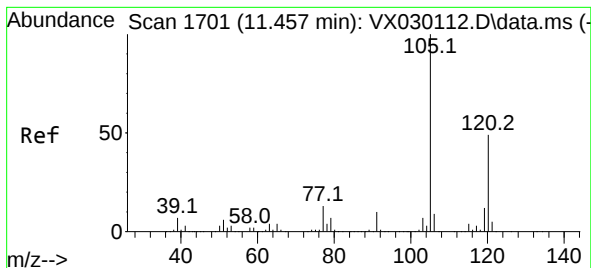
Ion Ratio Lower Upper

75 100

77 34.0 25.8 38.8

110 34.9 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 3.822 ug/L

RT: 11.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX030110.D

Acq: 19 Jul 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

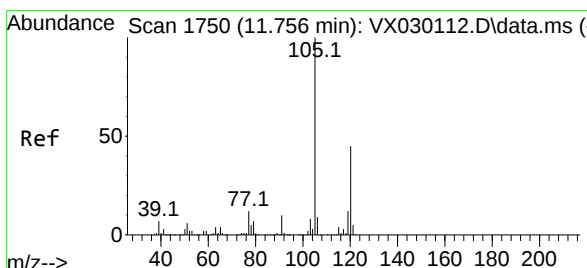
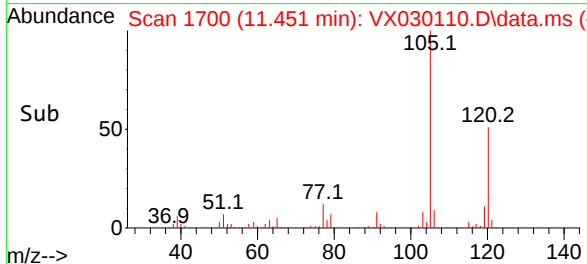
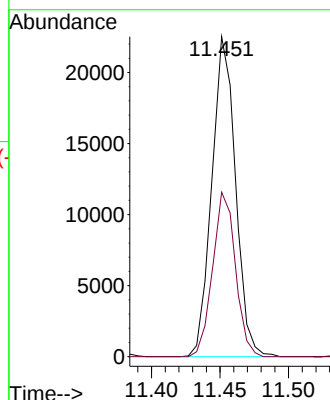
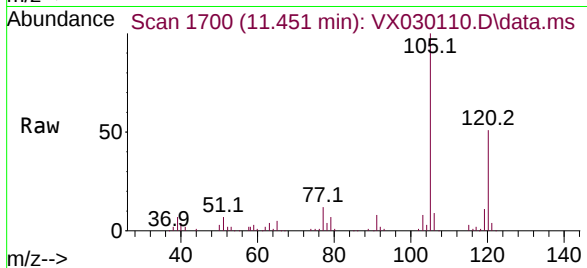
VSTD005672

Tgt Ion:105 Resp: 27052

Ion Ratio Lower Upper

105 100

120 49.4 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 3.719 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030110.D

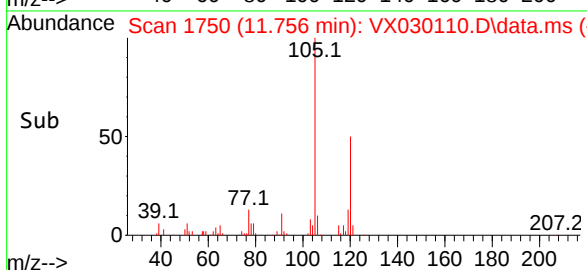
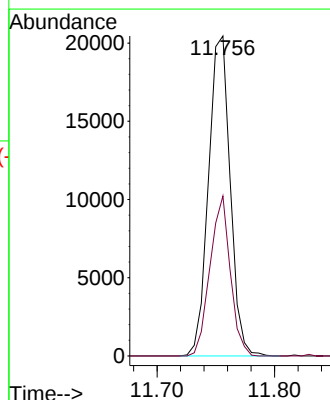
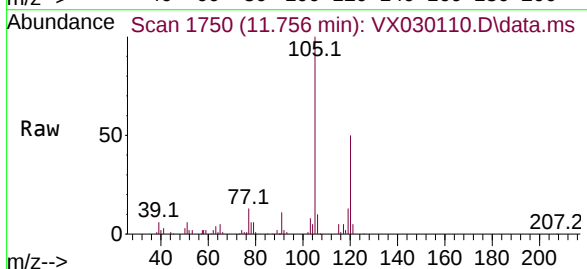
Acq: 19 Jul 2022 11:15

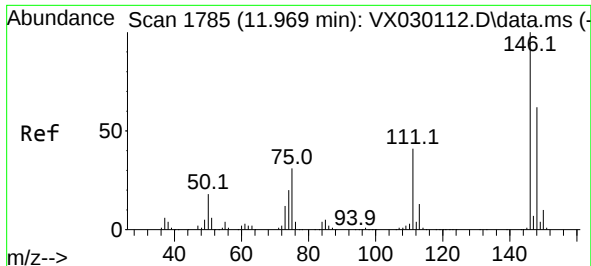
Tgt Ion:105 Resp: 26249

Ion Ratio Lower Upper

105 100

120 46.7 36.2 54.4

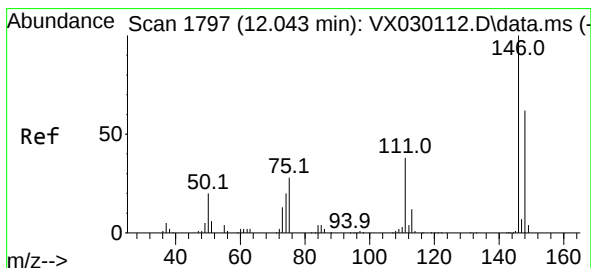
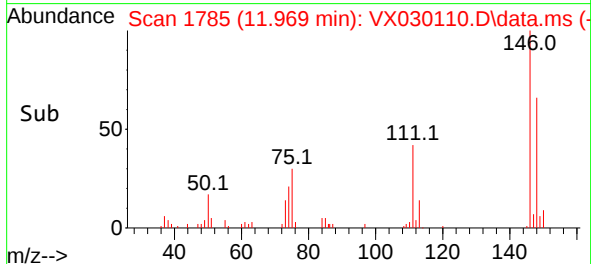
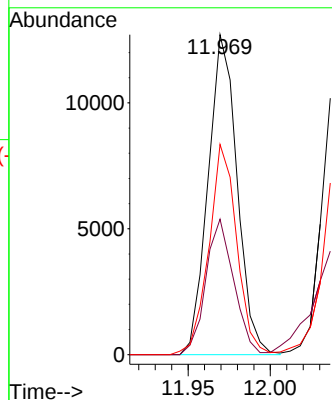
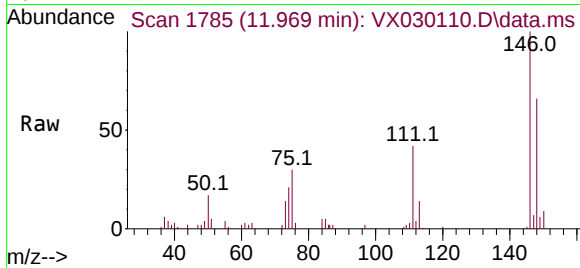




#64
1,3-Dichlorobenzene
Concen: 4.150 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

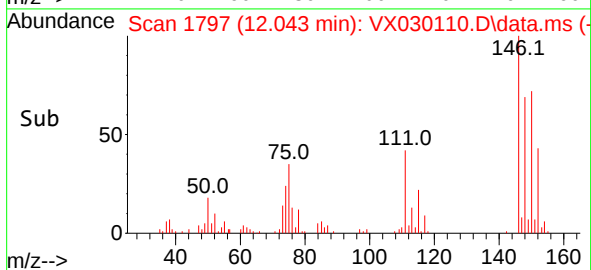
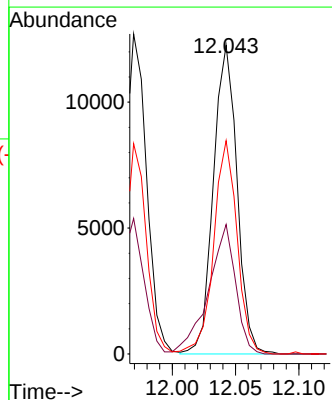
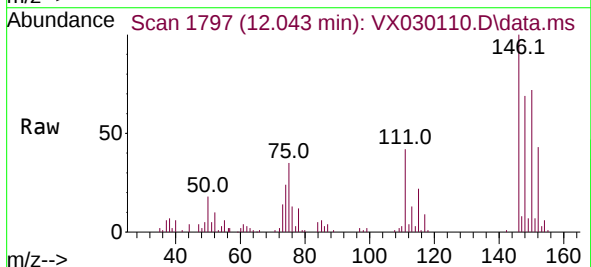
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

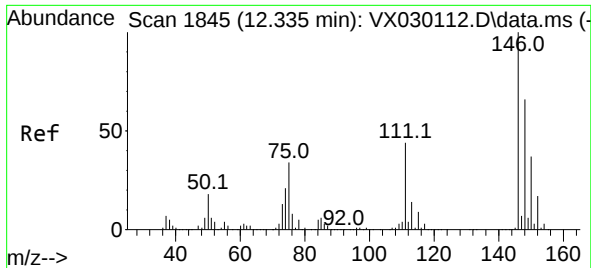
Tgt Ion:146 Resp: 15639
Ion Ratio Lower Upper
146 100
111 42.4 28.4 52.8
148 65.7 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.212 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion:146 Resp: 15954
Ion Ratio Lower Upper
146 100
111 42.0 27.0 50.2
148 69.1 43.8 81.3

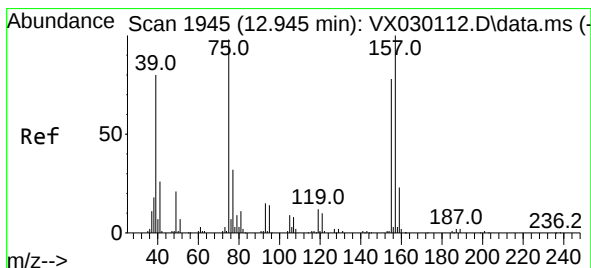
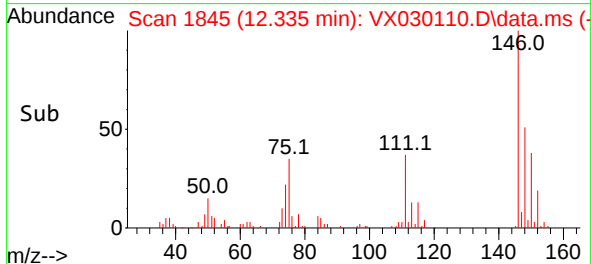
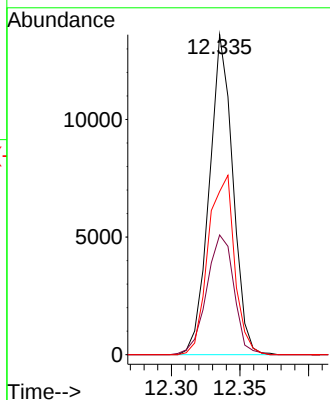
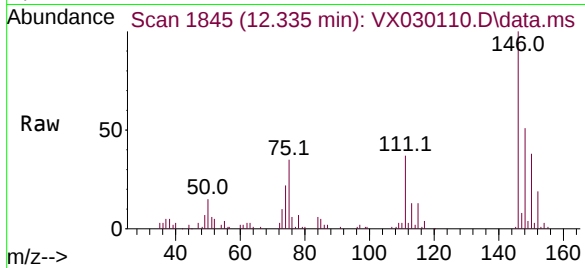




#67
1,2-Dichlorobenzene
Concen: 4.265 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

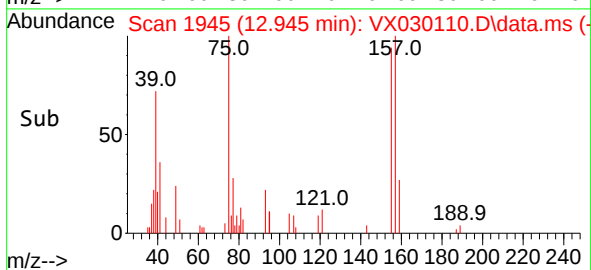
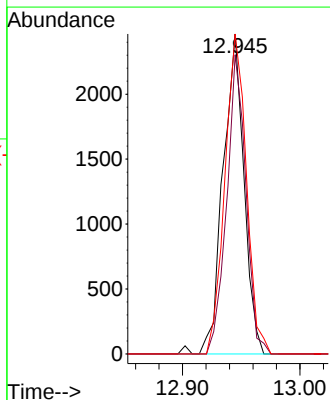
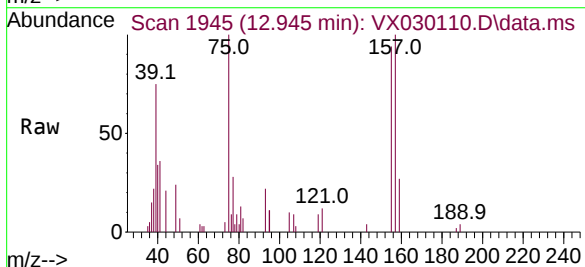
Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

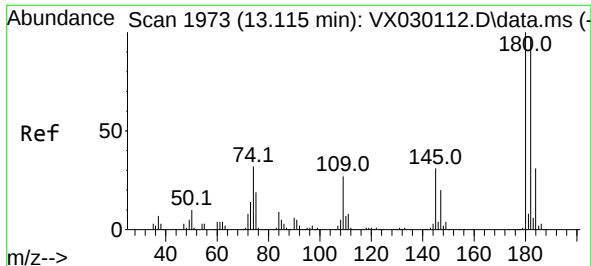
Tgt Ion:146 Resp: 16348
Ion Ratio Lower Upper
146 100
111 37.4 35.4 53.0
148 51.0 52.5 78.7#



#68
1,2-Dibromo-3-chloropropane
Concen: 3.920 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion: 75 Resp: 3052
Ion Ratio Lower Upper
75 100
155 93.5 63.6 95.4
157 100.0 81.8 122.8

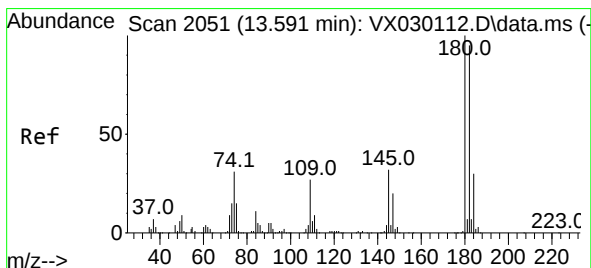
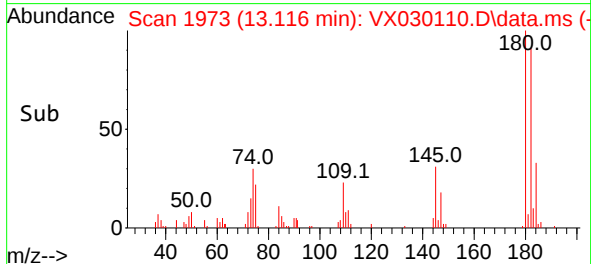
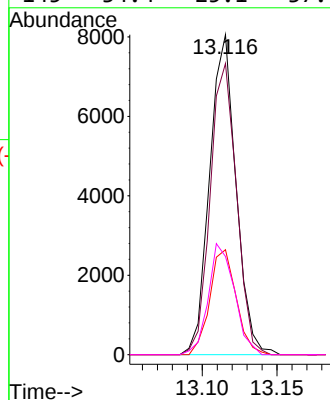
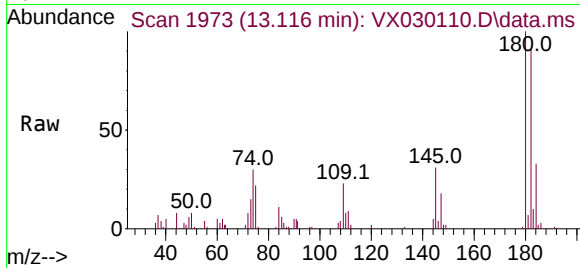




#69
 1,3,5-Trichlorobenzene
 Concen: 3.884 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

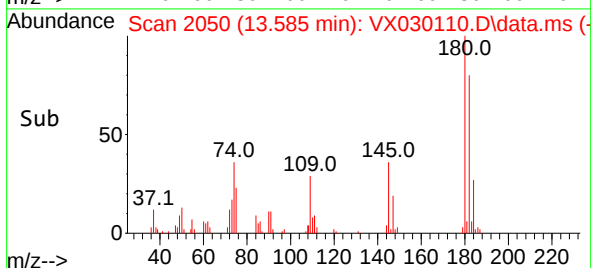
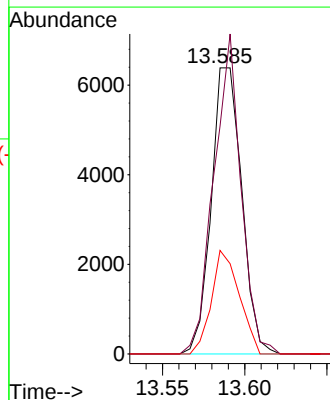
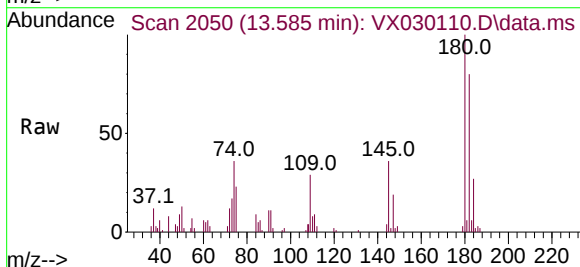
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005672

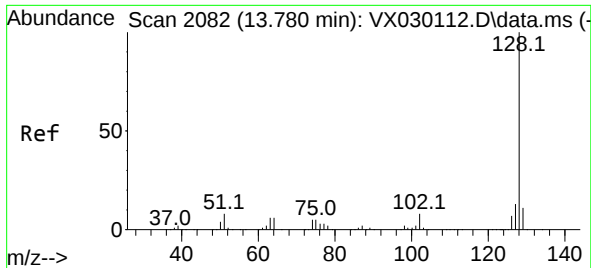
Tgt Ion:180	Resp:	9882
Ion Ratio	Lower	Upper
180	100	
182	90.5	75.1 112.7
184	32.9	23.8 35.6
145	34.4	25.1 37.7



#70
 1,2,4-trichlorobenzene
 Concen: 3.687 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VX030110.D
 Acq: 19 Jul 2022 11:15

Tgt Ion:180	Resp:	8234
Ion Ratio	Lower	Upper
180	100	
182	99.6	75.2 112.8
145	33.0	26.2 39.2

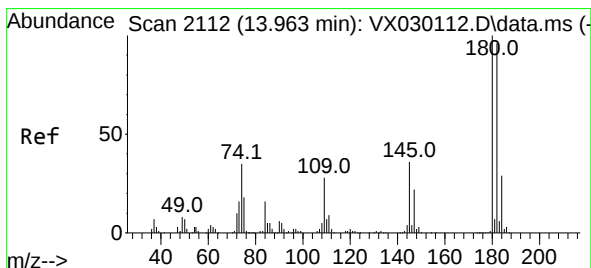
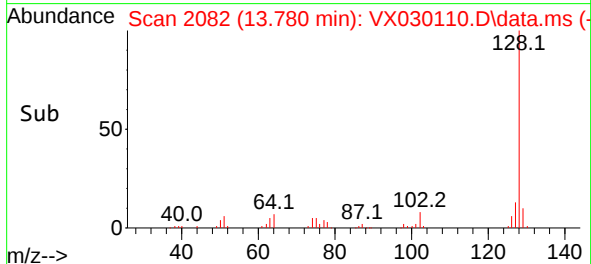
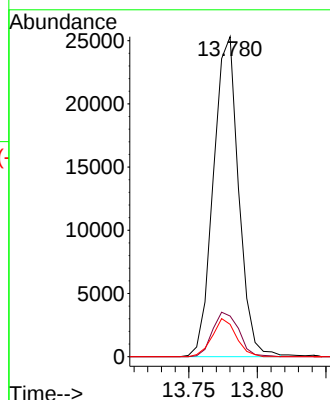
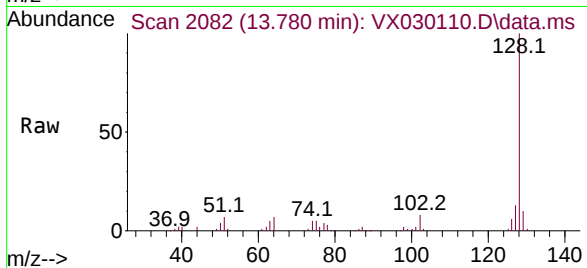




#71
Naphthalene
Concen: 3.540 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTD005672

Tgt Ion:128 Resp: 32345
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 3.977 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030110.D
Acq: 19 Jul 2022 11:15

Tgt Ion:180 Resp: 9435
Ion Ratio Lower Upper
180 100
182 87.4 75.9 113.9
145 31.0 28.0 42.0

