

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033987.D
 Acq On : 02 Feb 2023 10:08
 Operator : JC/MD
 Sample : VSTD00513
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005613

Quant Time: Feb 03 04:10:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:09:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	242571	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	209726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	8458	5.236	ug/L	0.00
7) Chloroethane-d5	1.672	69	5326	5.431	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	15127	5.110	ug/L	0.00
21) 2-Butanone-d5	4.464	46	8886	9.594	ug/L	0.01
24) Chloroform-d	5.056	84	14342	4.949	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	9301	5.320	ug/L	0.00
32) Benzene-d6	5.976	84	30016	4.993	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	8803	4.953	ug/L	0.00
41) Toluene-d8	8.647	98	29283	5.135	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	3584	4.443	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	6036	9.056	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	11134	4.996	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	11387	5.099	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	9788	5.424	ug/L	98
3) Chloromethane	1.294	50	9390	5.700	ug/L	97
5) Vinyl chloride	1.374	62	8993	5.399	ug/L	93
6) Bromomethane	1.617	94	5005	5.795	ug/L	85
8) Chloroethane	1.691	64	4795	5.415	ug/L	97
9) Trichlorofluoromethane	1.892	101	12448	5.273	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	8579	5.255	ug/L	100
12) 1,1-Dichloroethene	2.325	96	7986	5.347	ug/L	92
13) Acetone	2.386	43	11038	11.584	ug/L	99
14) Carbon disulfide	2.514	76	20163	4.988	ug/L	99
15) Methyl Acetate	2.703	43	7863	5.179	ug/L	100
16) Methylene chloride	2.788	84	8526	5.391	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	8052	5.223	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	22541	5.022	ug/L	98
19) 1,1-Dichloroethane	3.611	63	13841	5.144	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	9004	5.110	ug/L	98
22) 2-Butanone	4.562	43	11924	10.189	ug/L	97
23) Bromochloromethane	4.897	128	4987	5.156	ug/L #	85
25) Chloroform	5.092	83	13971	5.028	ug/L	98
27) 1,2-Dichloroethane	6.092	62	11258	5.279	ug/L	97
29) Cyclohexane	5.476	56	12944	5.046	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	11920	5.029	ug/L	99
31) Carbon tetrachloride	5.678	117	10827	4.909	ug/L	98
33) Benzene	6.037	78	32648	5.235	ug/L	100
34) Trichloroethene	7.129	95	8929	5.283	ug/L	95
35) Methylcyclohexane	7.379	83	12981	4.816	ug/L	99
37) 1,2-Dichloropropane	7.427	63	8139	5.124	ug/L	99
38) Bromodichloromethane	7.824	83	10015	4.959	ug/L #	97
39) cis-1,3-Dichloropropene	8.366	75	11248	4.614	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	19263	9.855	ug/L	99
42) Toluene	8.720	91	34507	5.173	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	9426	4.345	ug/L	95

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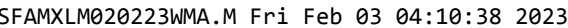
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005613

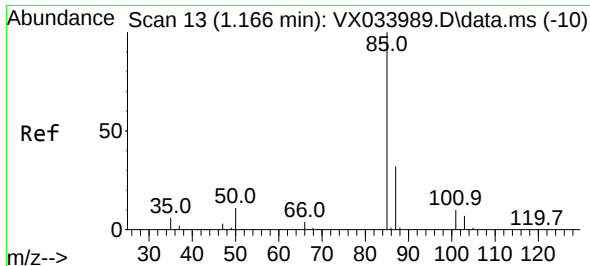
Quant Time: Feb 03 04:10:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:09:38 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	8256	5.135	ug/L	95
46) Tetrachloroethene	9.275	164	8270	5.096	ug/L	98
48) 2-Hexanone	9.433	43	15602	10.016	ug/L	96
49) Dibromochloromethane	9.518	129	8291	4.779	ug/L	93
50) 1,2-Dibromoethane	9.610	107	8753	5.066	ug/L	97
51) Chlorobenzene	10.079	112	23448	5.203	ug/L	98
52) Ethylbenzene	10.195	91	37337	5.093	ug/L	99
53) m,p-Xylene	10.299	106	14813	5.033	ug/L	92
54) o-Xylene	10.640	106	14693	5.168	ug/L	91
55) Styrene	10.658	104	23809	4.992	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	11656	5.157	ug/L	98
59) Bromoform	10.799	173	6452	4.752	ug/L	96
60) Isopropylbenzene	10.963	105	37124	5.093	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	9260	5.467	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	28907	4.845	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	28359	4.822	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	18732	5.168	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	19153	5.221	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	18477	5.213	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	1973	4.754	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	13099	4.792	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	11762	4.740	ug/L	99
71) Naphthalene	13.774	128	31512	4.587	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11735	4.791	ug/L	99

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

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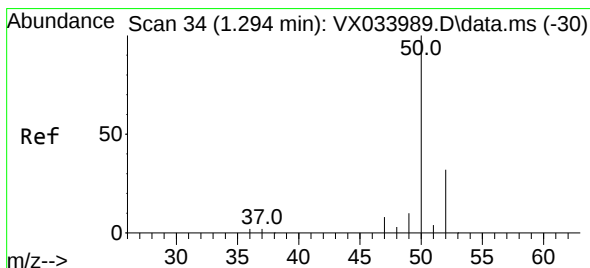
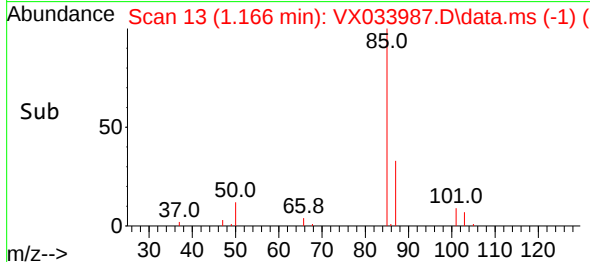
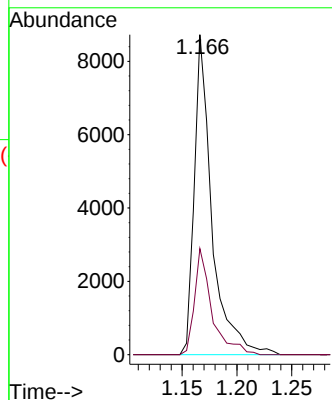
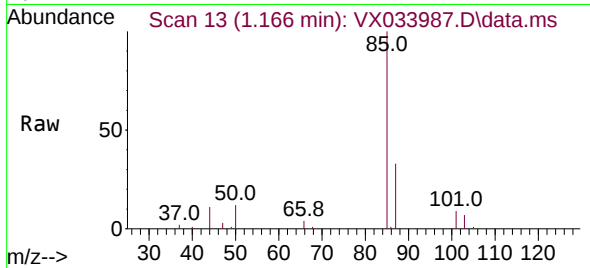




#2
 Dichlorodifluoromethane
 Concen: 5.424 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

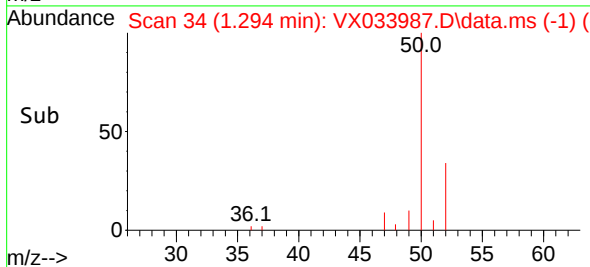
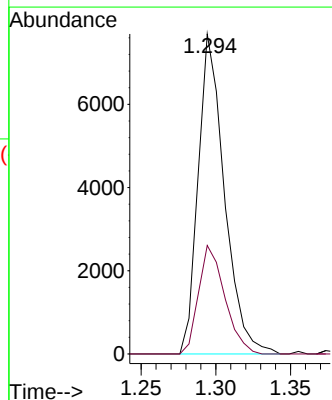
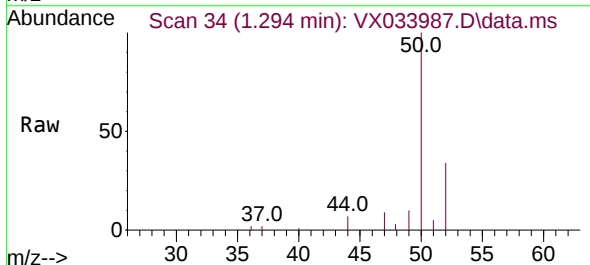
Instrument :
 MSVOA_X
 ClientSampleId :
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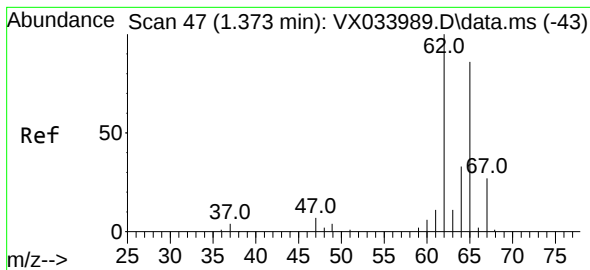
Tgt Ion: 85 Resp: 9788
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.9 38.9



#3
 Chloromethane
 Concen: 5.700 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

Tgt Ion: 50 Resp: 9390
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.5 41.7

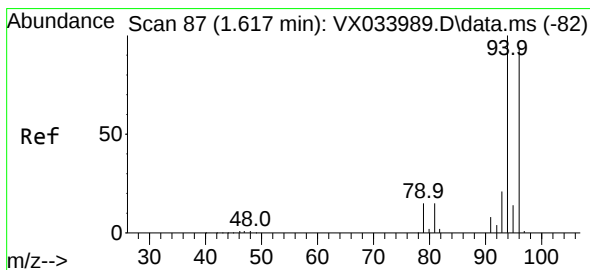
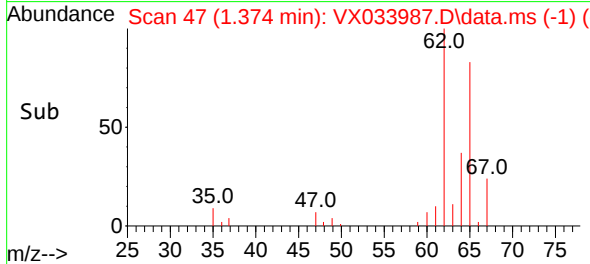
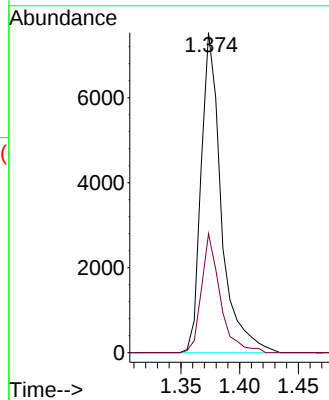
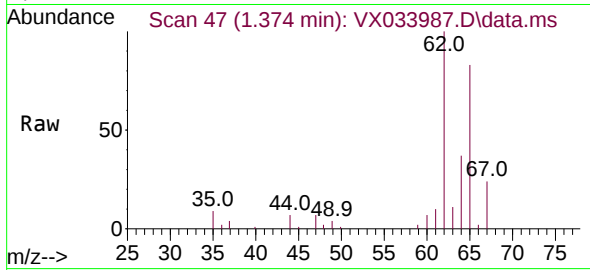




#5
 Vinyl chloride
 Concen: 5.399 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

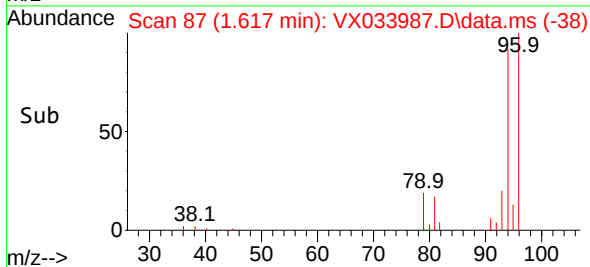
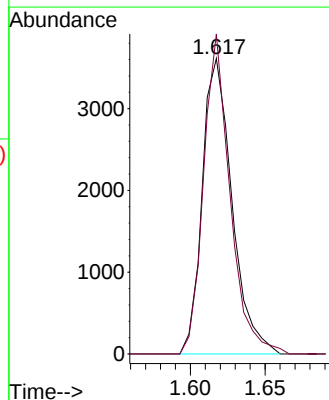
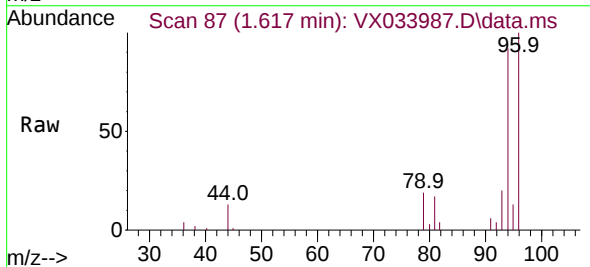
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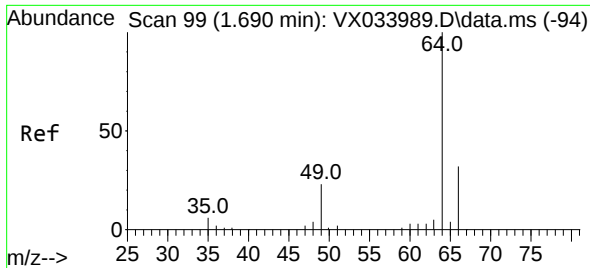
Tgt Ion: 62 Resp: 8993
 Ion Ratio Lower Upper
 62 100
 64 37.2 23.2 43.0



#6
 Bromomethane
 Concen: 5.795 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

Tgt Ion: 94 Resp: 5005
 Ion Ratio Lower Upper
 94 100
 96 108.3 65.7 122.1

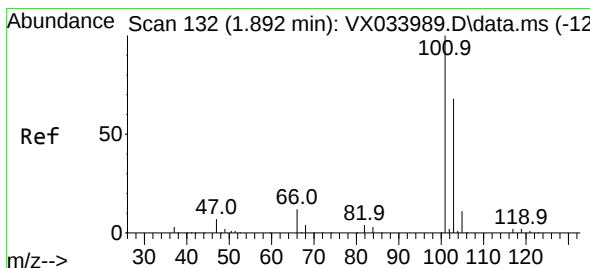
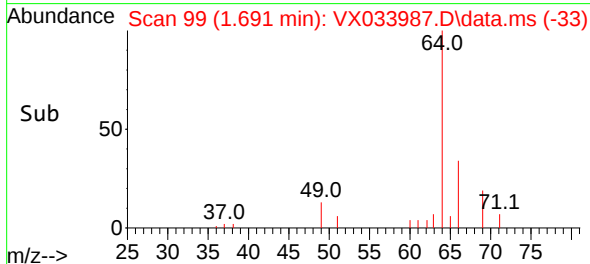
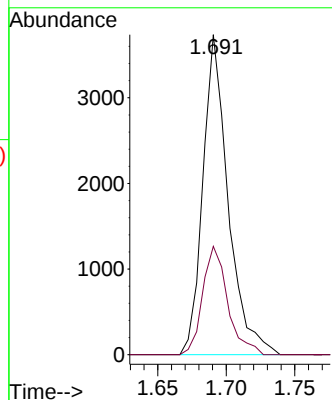
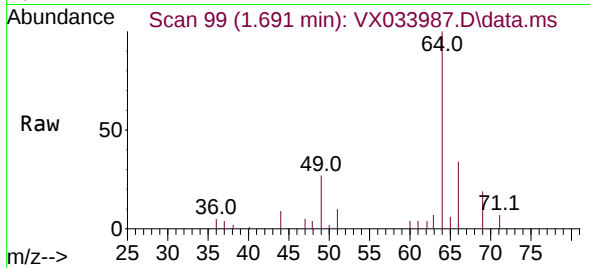




#8
Chloroethane
Concen: 5.415 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

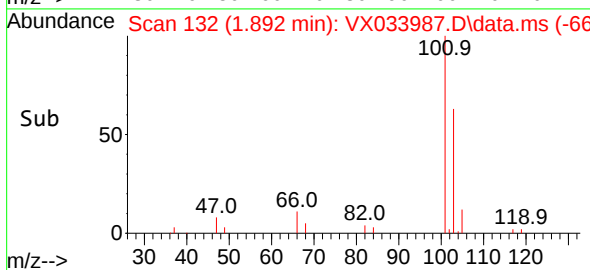
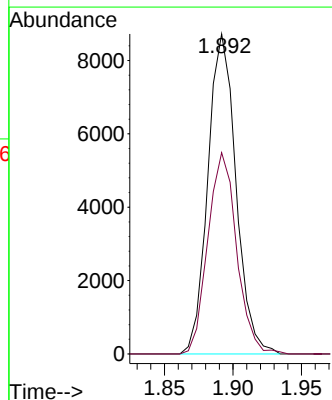
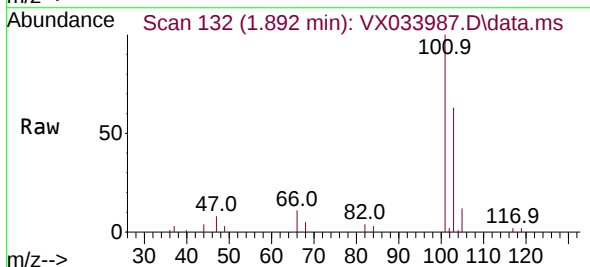
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ClientSampleId :
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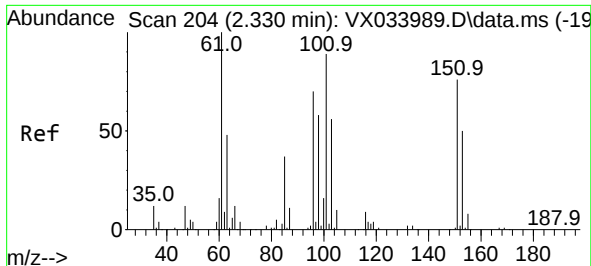
Tgt Ion: 64 Resp: 4795
Ion Ratio Lower Upper
64 100
66 33.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.273 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion: 101 Resp: 12448
Ion Ratio Lower Upper
101 100
103 63.9 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.255 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD005613

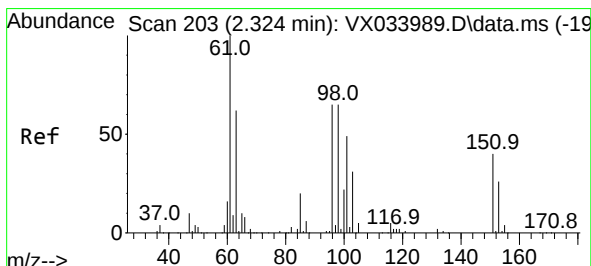
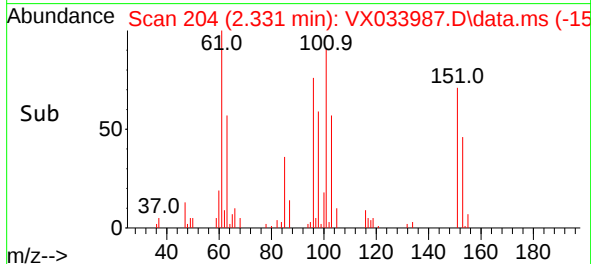
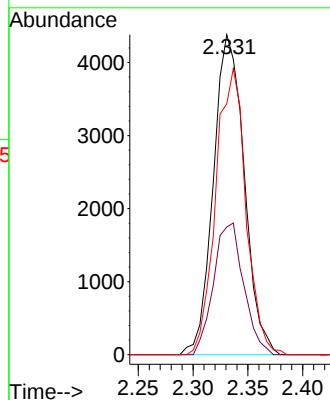
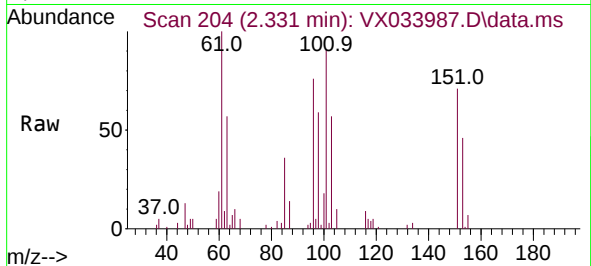
Tgt Ion:101 Resp: 8579

Ion Ratio Lower Upper

101 100

85 40.1 32.2 48.4

151 87.0 69.3 103.9



#12

1,1-Dichloroethene

Concen: 5.347 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

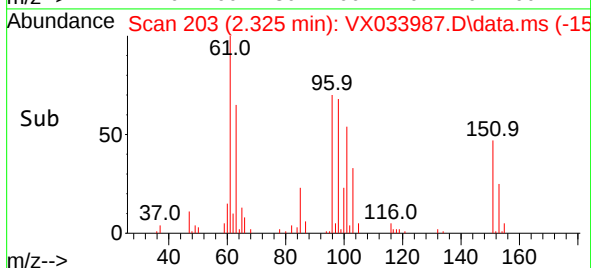
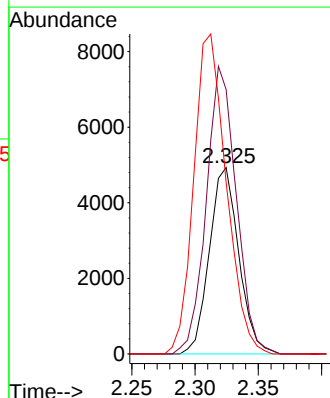
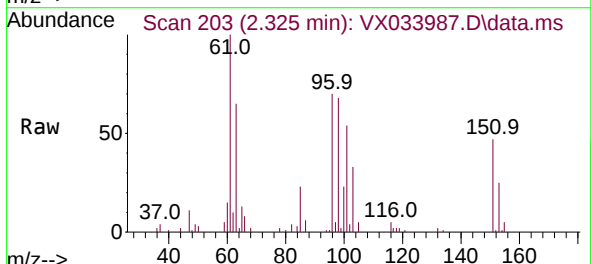
Tgt Ion: 96 Resp: 7986

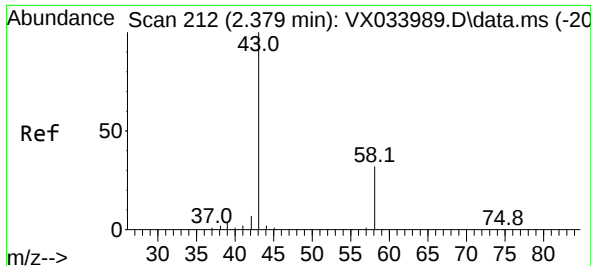
Ion Ratio Lower Upper

96 100

61 141.9 107.6 199.8

63 92.0 69.6 129.2





#13

Acetone

Concen: 11.584 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

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MSVOA_X

ClientSampleId :

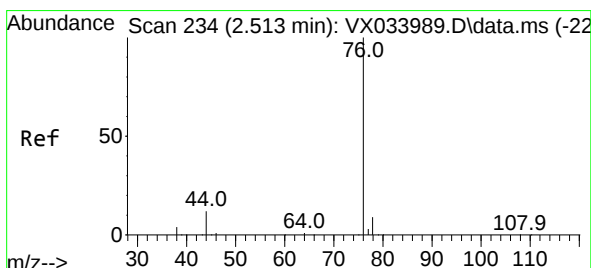
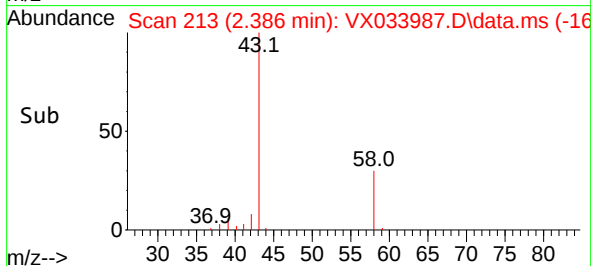
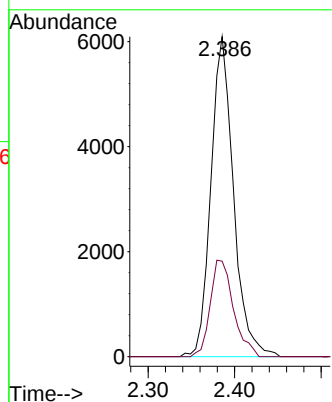
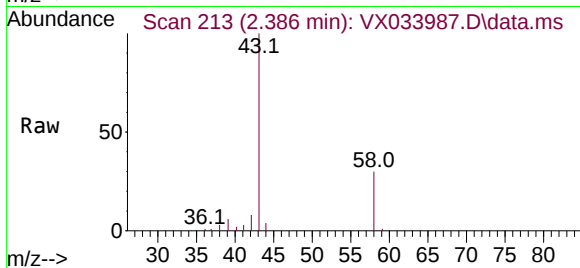
VSTD005613

Tgt Ion: 43 Resp: 11038

Ion Ratio Lower Upper

43 100

58 31.0 0.0 62.8



#14

Carbon disulfide

Concen: 4.988 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033987.D

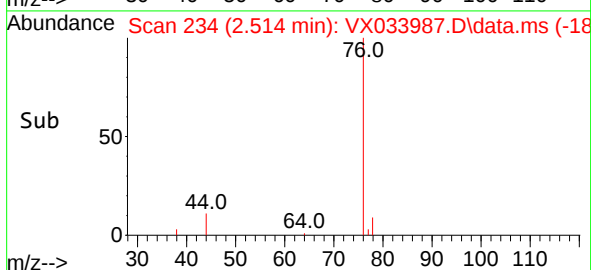
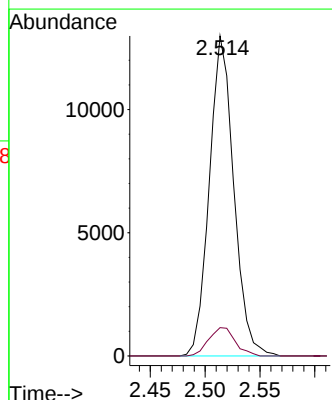
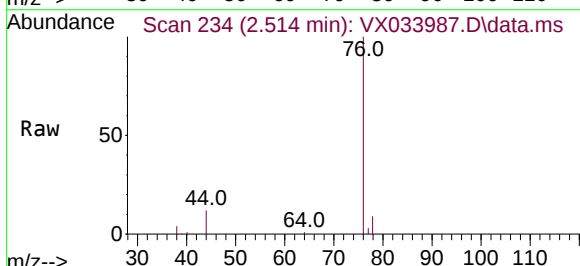
Acq: 02 Feb 2023 10:08

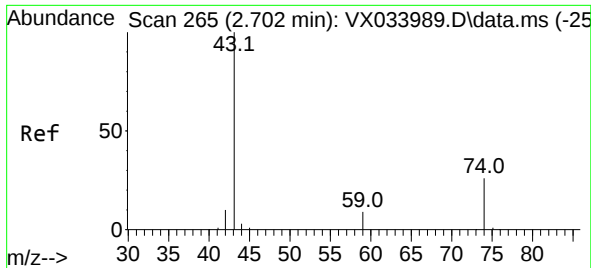
Tgt Ion: 76 Resp: 20163

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

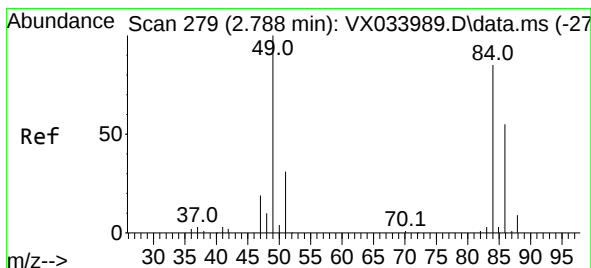
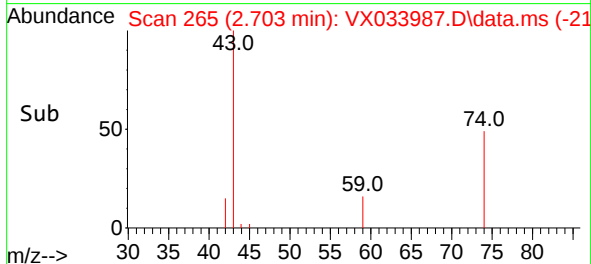
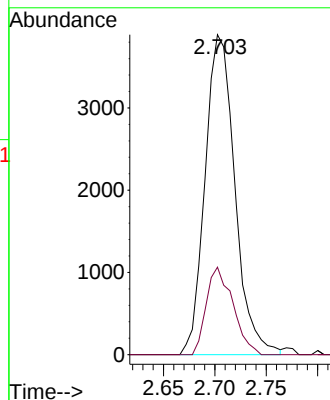
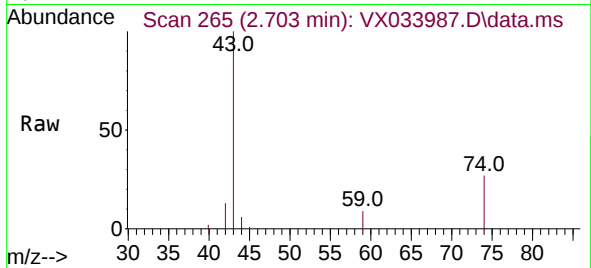




#15
Methyl Acetate
Concen: 5.179 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

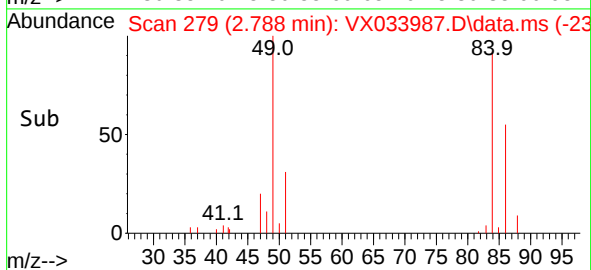
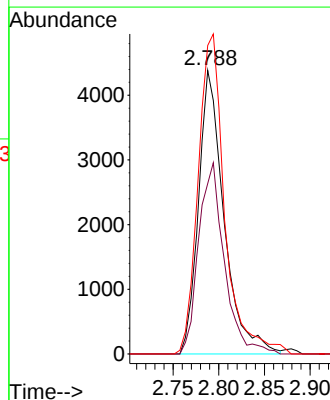
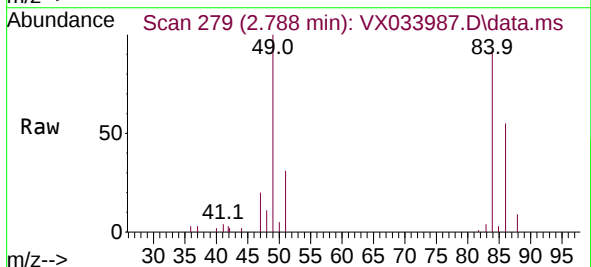
Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

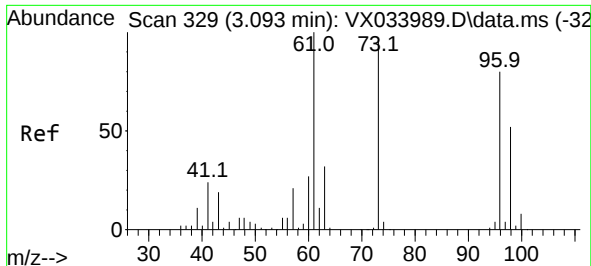
Tgt Ion: 43 Resp: 7863
Ion Ratio Lower Upper
43 100
74 24.4 19.7 29.5



#16
Methylene chloride
Concen: 5.391 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion: 84 Resp: 8526
Ion Ratio Lower Upper
84 100
86 60.1 45.2 84.0
49 108.8 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 5.223 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD005613

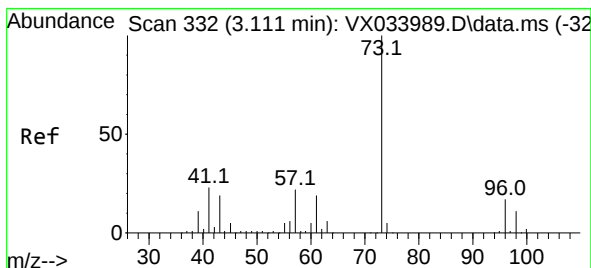
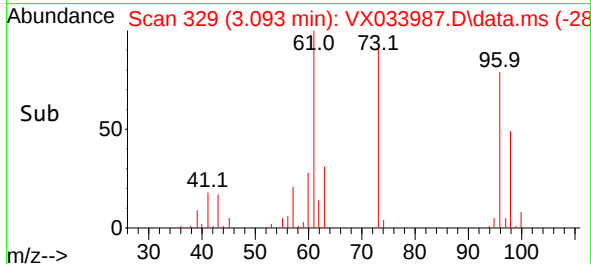
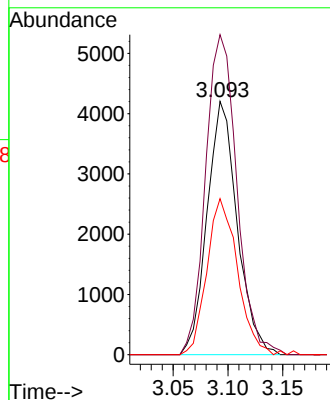
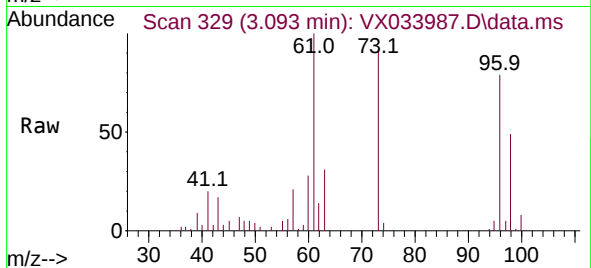
Tgt Ion: 96 Resp: 8052

Ion Ratio Lower Upper

96 100

61 126.4 87.7 162.9

98 61.6 45.4 84.4



#18

Methyl tert-butyl Ether

Concen: 5.022 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

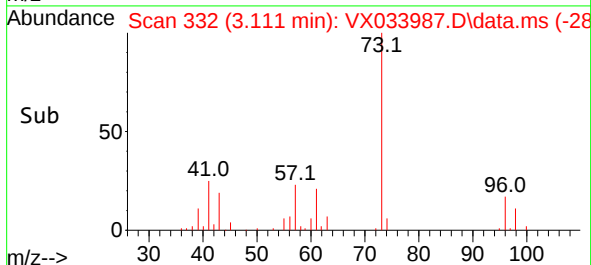
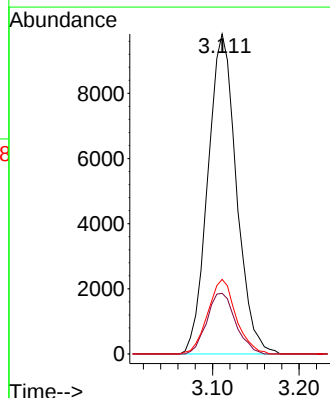
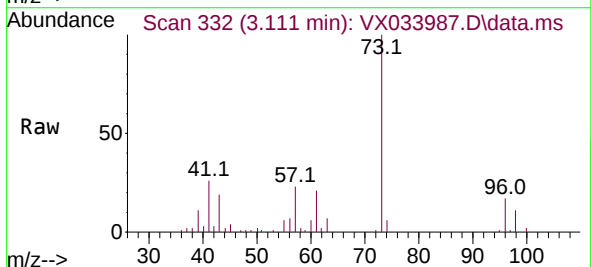
Tgt Ion: 73 Resp: 22541

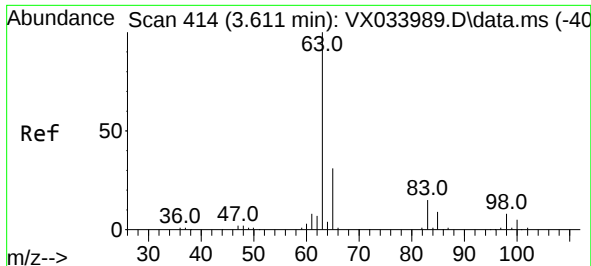
Ion Ratio Lower Upper

73 100

43 19.0 15.6 23.4

57 23.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 5.144 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD005613

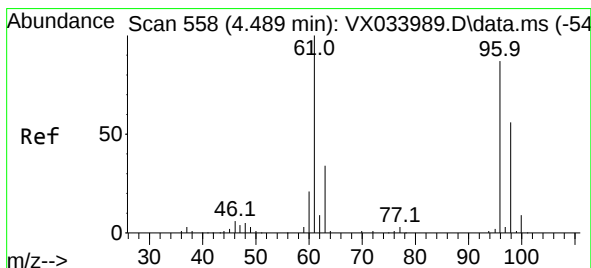
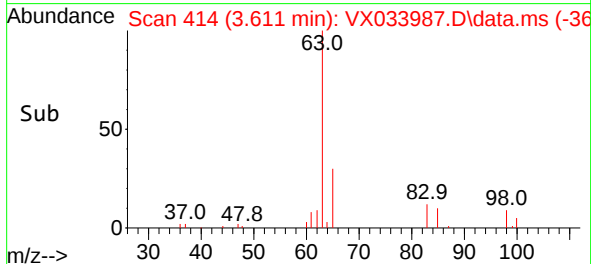
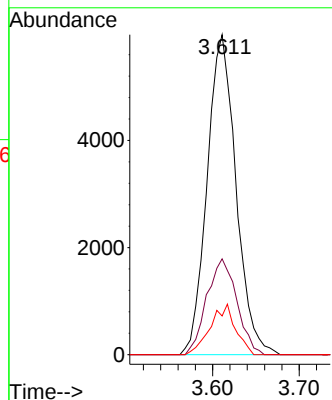
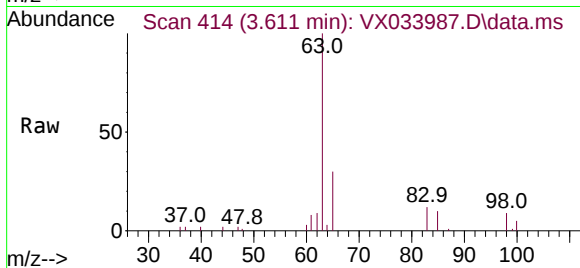
Tgt Ion: 63 Resp: 13841

Ion Ratio Lower Upper

63 100

65 30.0 21.9 40.7

83 12.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 5.110 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

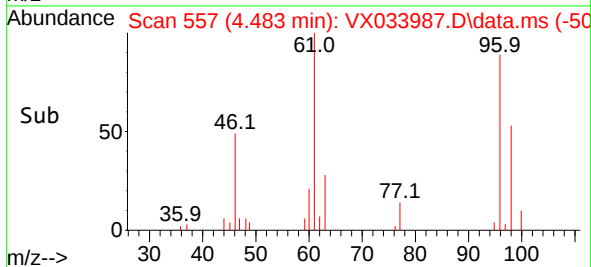
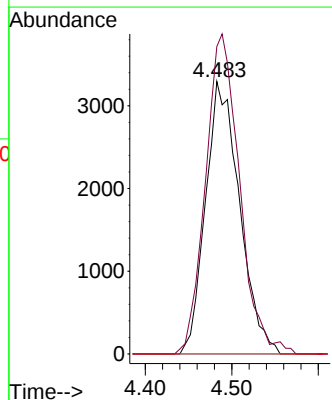
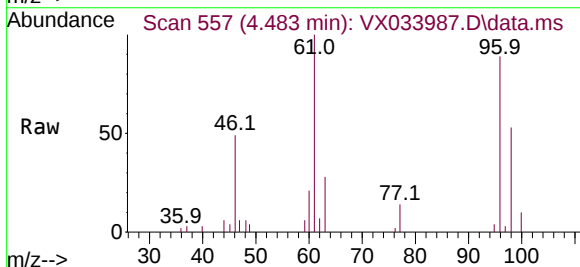
Tgt Ion: 96 Resp: 9004

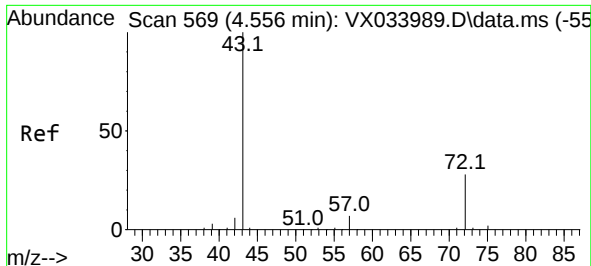
Ion Ratio Lower Upper

96 100

61 112.8 80.3 149.1

68 0.0 0.0 0.0

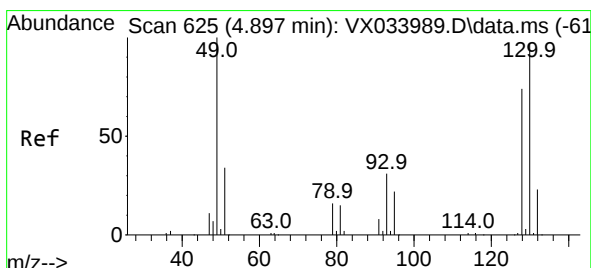
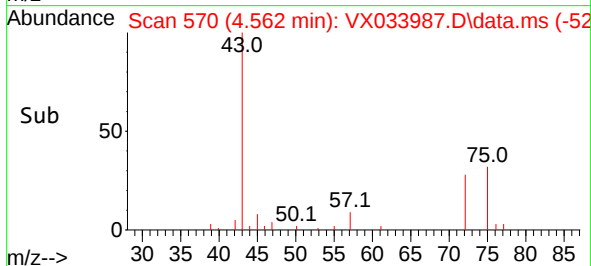
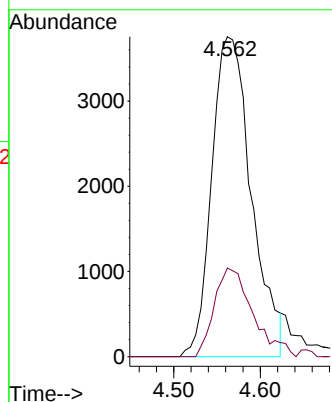
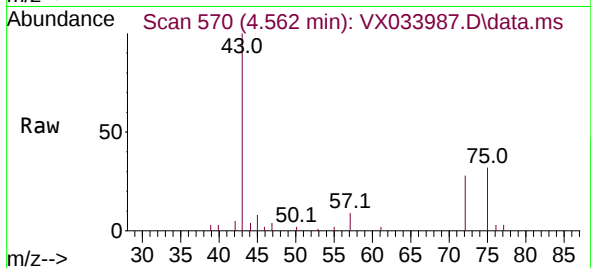




#22
2-Butanone
Concen: 10.189 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

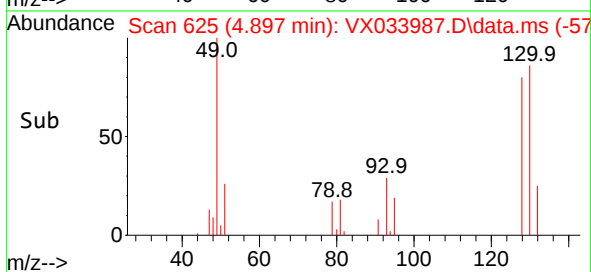
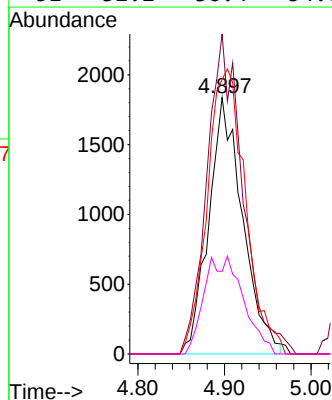
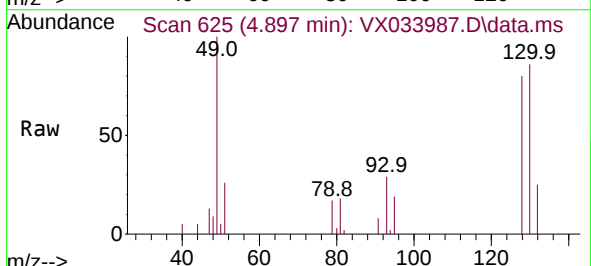
Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

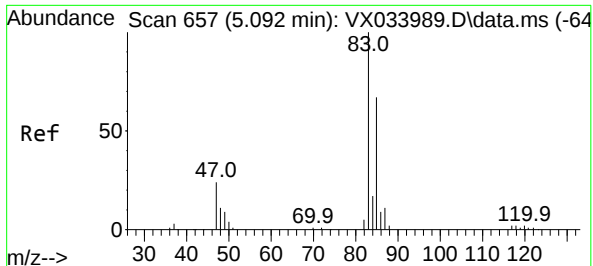
Tgt Ion: 43 Resp: 11924
Ion Ratio Lower Upper
43 100
72 25.1 13.2 39.6



#23
Bromochloromethane
Concen: 5.156 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion: 128 Resp: 4987
Ion Ratio Lower Upper
128 100
49 124.8 94.7 175.9
130 107.0 91.3 169.6
51 32.2 36.4 54.6#





#25

Chloroform

Concen: 5.028 ug/L

RT: 5.092 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

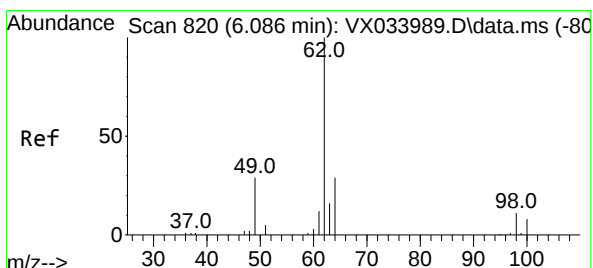
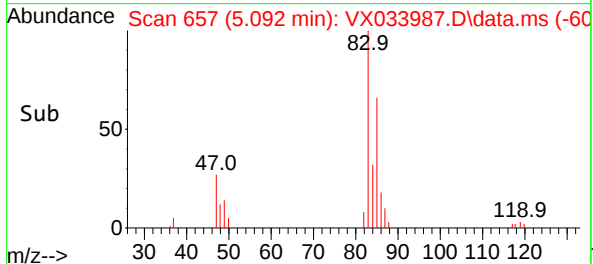
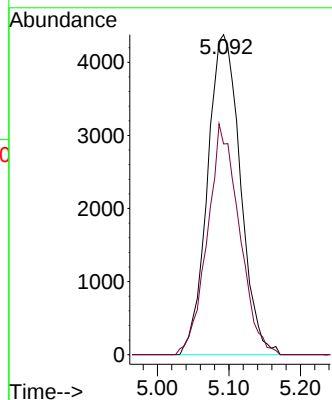
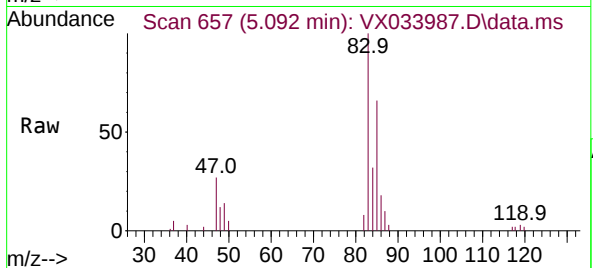
VSTD005613

Tgt Ion: 83 Resp: 13971

Ion Ratio Lower Upper

83 100

85 65.9 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.279 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX033987.D

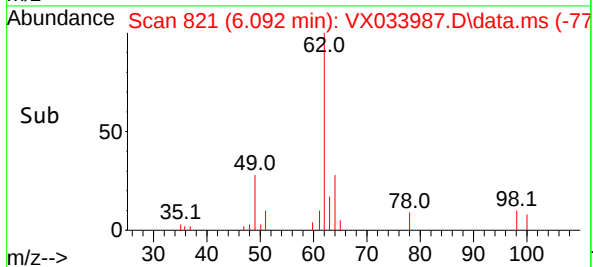
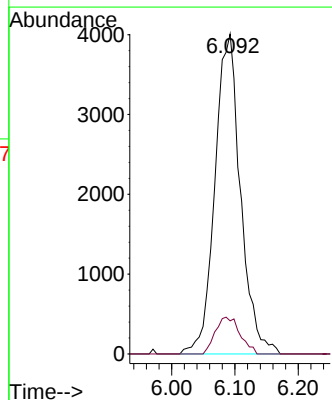
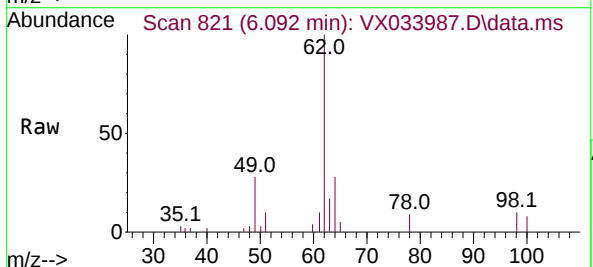
Acq: 02 Feb 2023 10:08

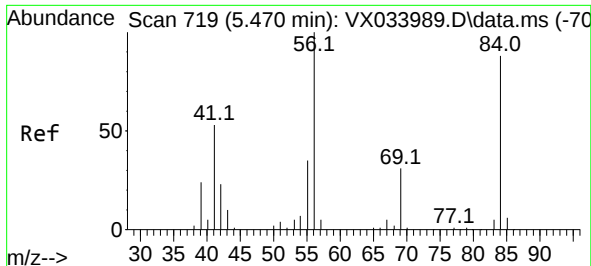
Tgt Ion: 62 Resp: 11258

Ion Ratio Lower Upper

62 100

98 10.4 9.1 13.7





#29

Cyclohexane

Concen: 5.046 ug/L

RT: 5.476 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD005613

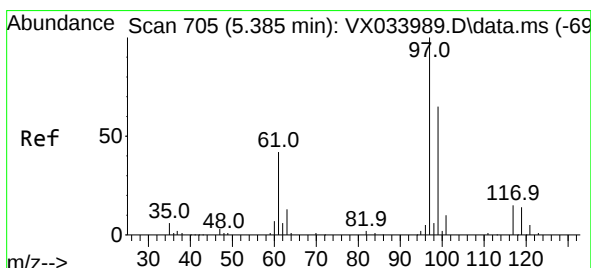
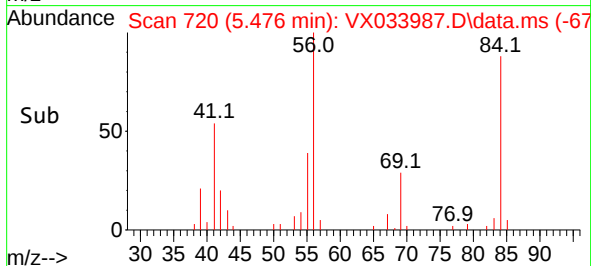
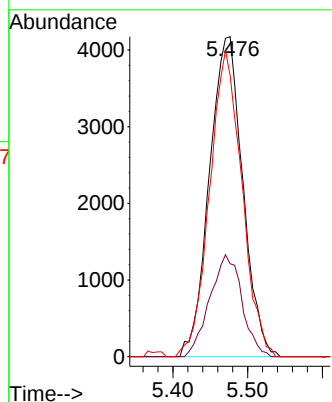
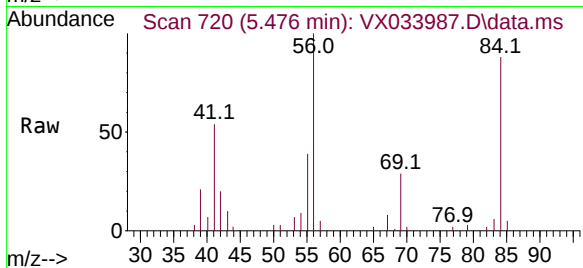
Tgt Ion: 56 Resp: 12944

Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 92.4 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 5.029 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

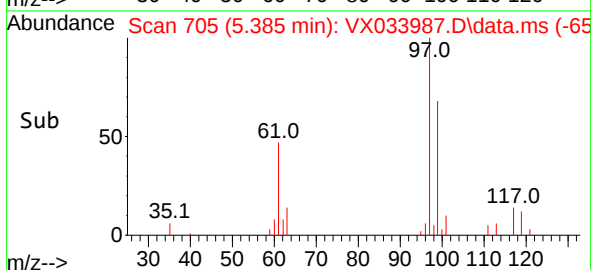
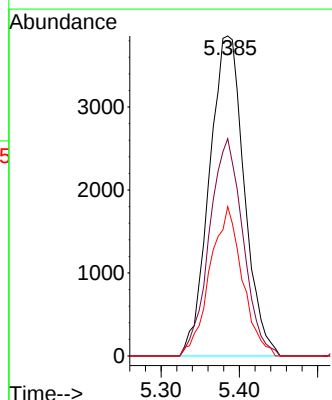
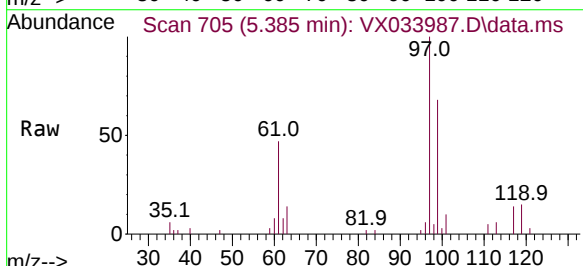
Tgt Ion: 97 Resp: 11920

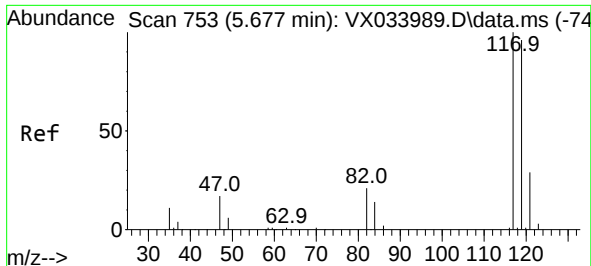
Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.8

61 43.4 34.7 52.1

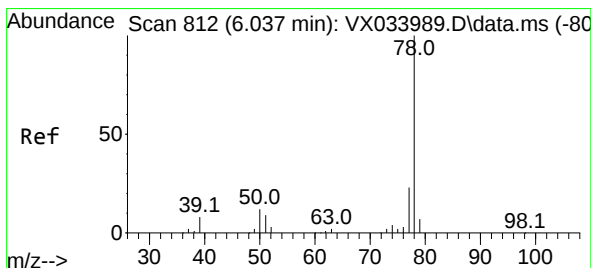
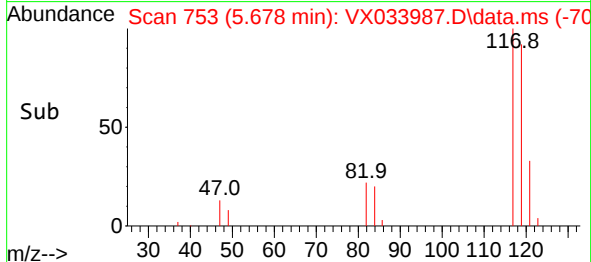
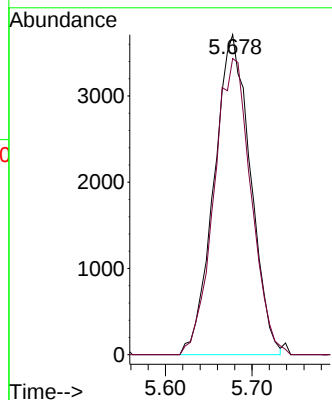
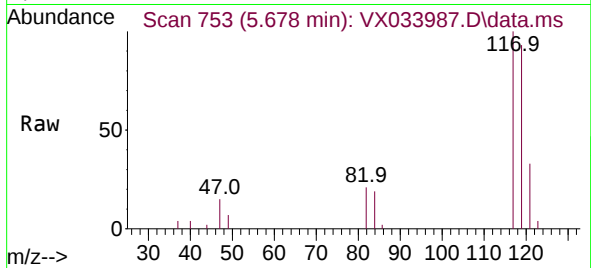




#31
Carbon tetrachloride
Concen: 4.909 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

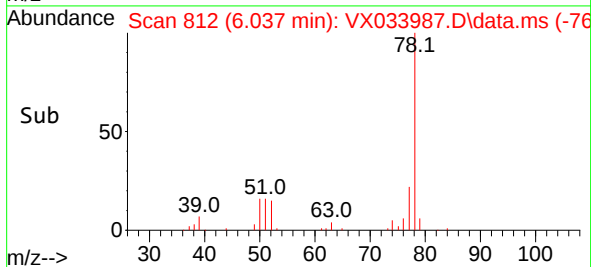
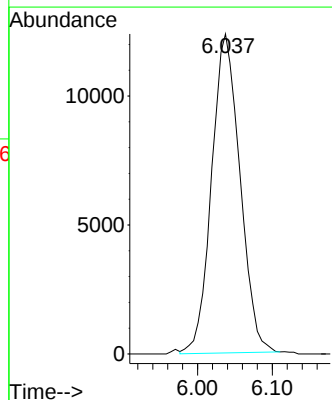
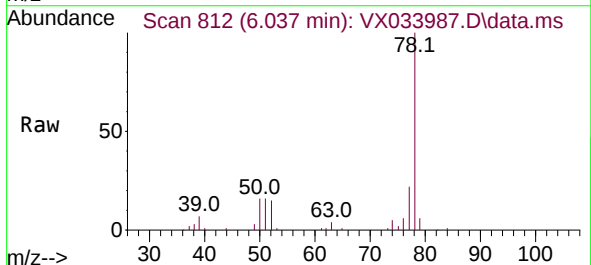
Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

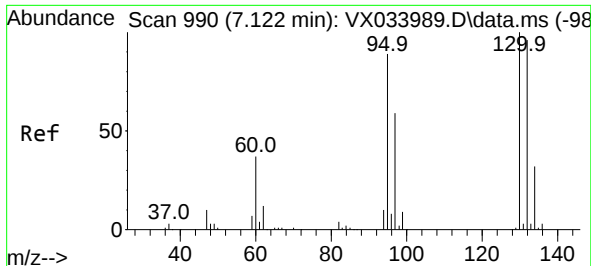
Tgt Ion:117 Resp: 10827
Ion Ratio Lower Upper
117 100
119 94.5 77.1 115.7



#33
Benzene
Concen: 5.235 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion: 78 Resp: 32648



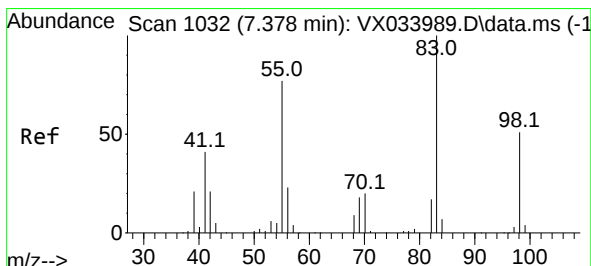
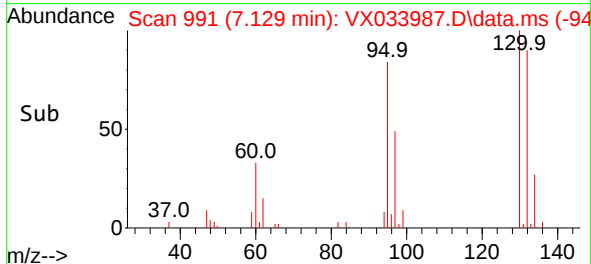
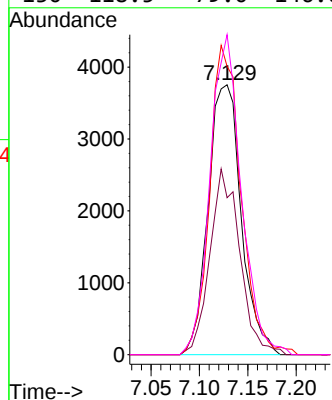
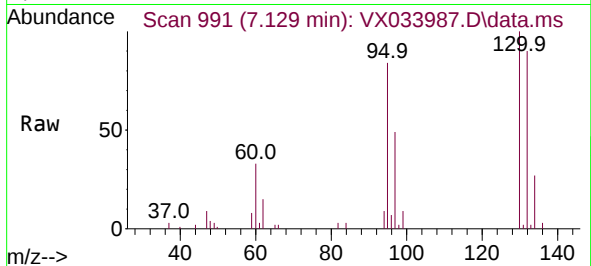


#34
Trichloroethene
Concen: 5.283 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

Tgt Ion: 95 Resp: 8929

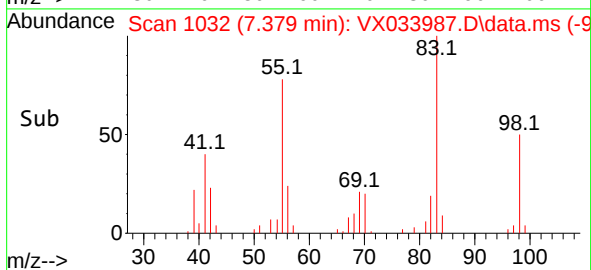
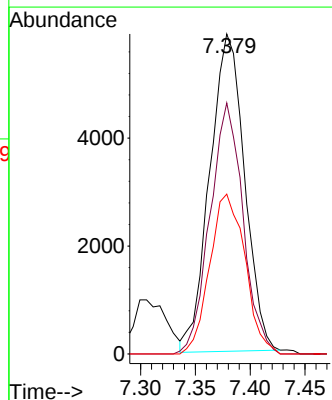
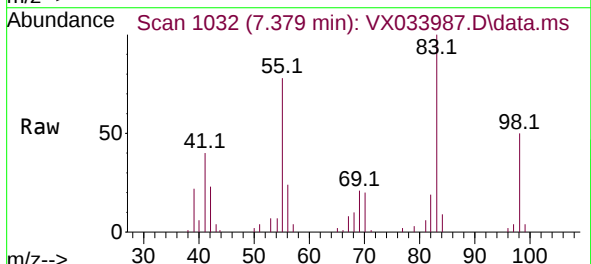
Ion	Ratio	Lower	Upper
95	100		
97	58.1	46.8	87.0
132	106.8	76.2	141.4
130	118.5	79.0	146.6

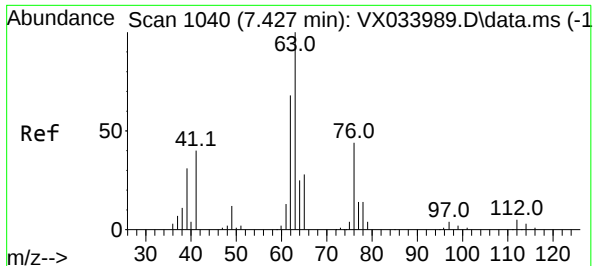


#35
Methylcyclohexane
Concen: 4.816 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion: 83 Resp: 12981

Ion	Ratio	Lower	Upper
83	100		
55	74.9	59.0	88.4
98	51.1	40.6	60.8





#37

1,2-Dichloropropane

Concen: 5.124 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

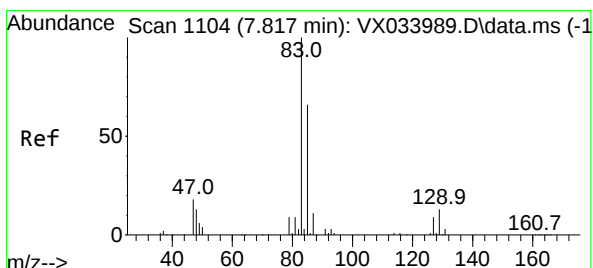
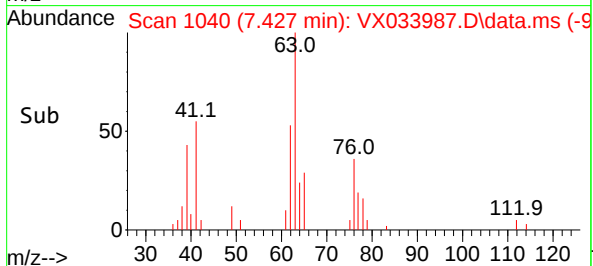
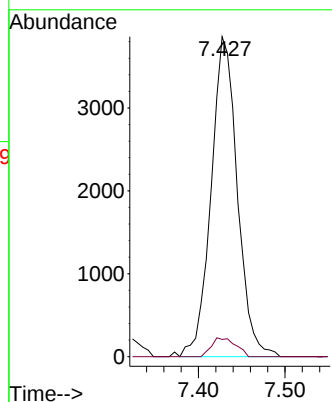
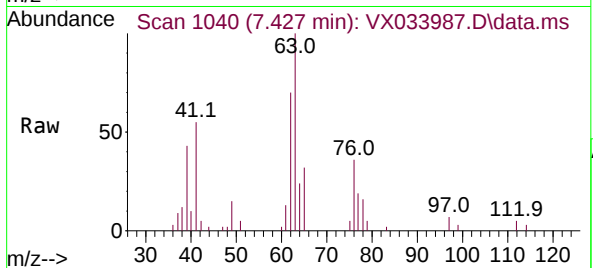
VSTD005613

Tgt Ion: 63 Resp: 8139

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1



#38

Bromodichloromethane

Concen: 4.959 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

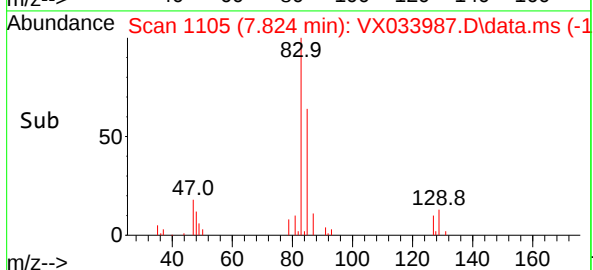
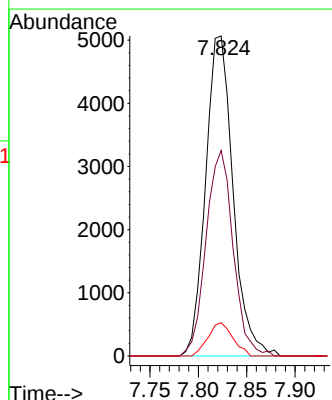
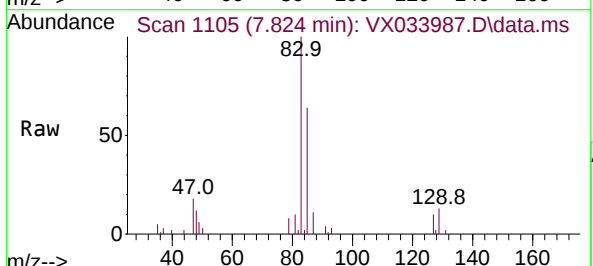
Tgt Ion: 83 Resp: 10015

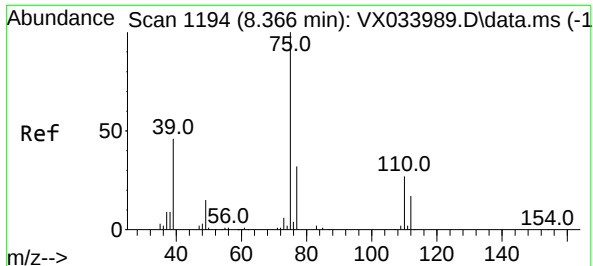
Ion Ratio Lower Upper

83 100

85 64.2 46.3 85.9

127 12.4 7.4 11.0#





#39

cis-1,3-Dichloropropene

Concen: 4.614 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

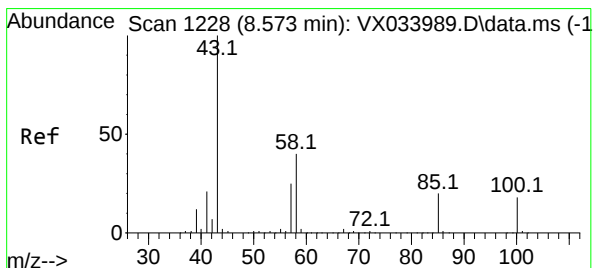
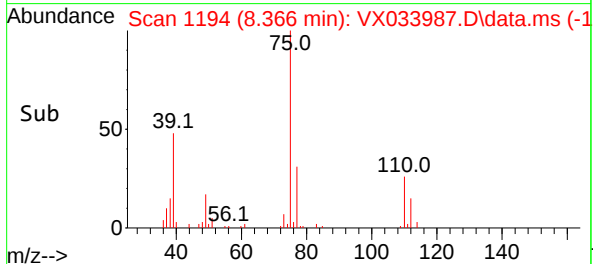
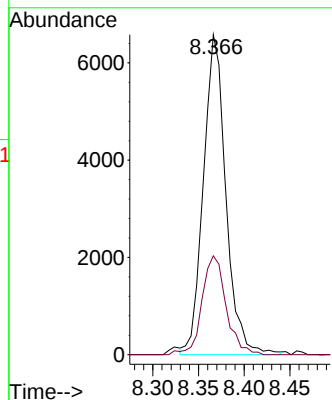
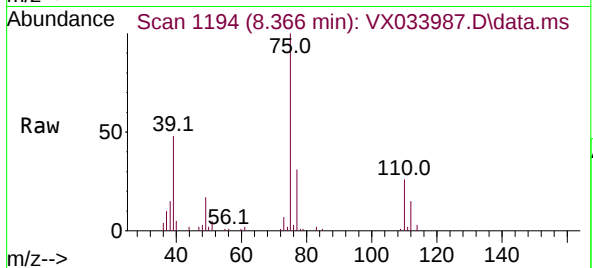
VSTD005613

Tgt Ion: 75 Resp: 11248

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 9.855 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

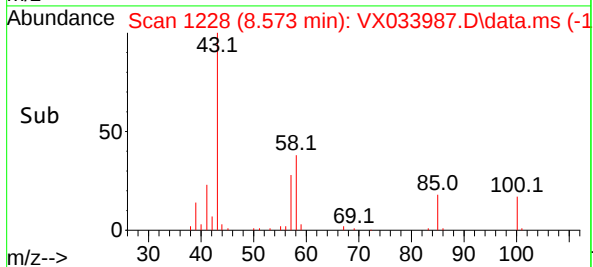
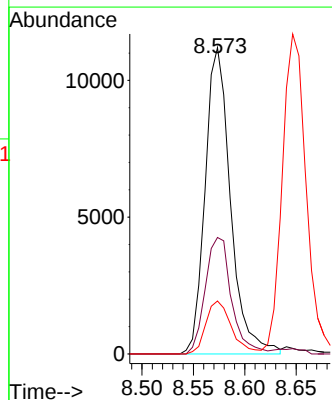
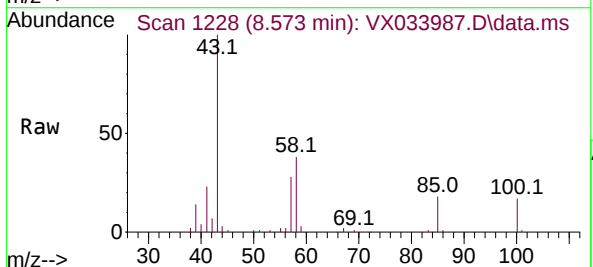
Tgt Ion: 43 Resp: 19263

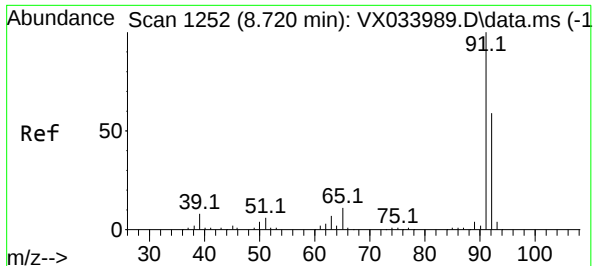
Ion Ratio Lower Upper

43 100

58 39.2 31.9 47.9

100 17.6 14.4 21.6





#42

Toluene

Concen: 5.173 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

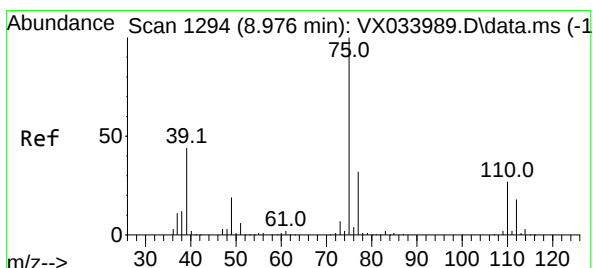
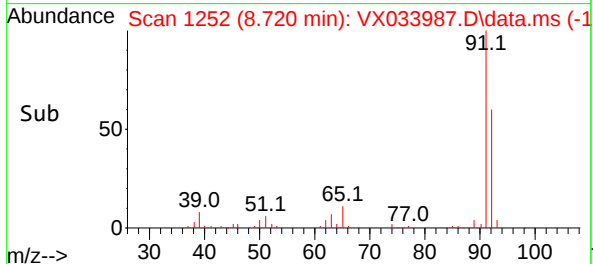
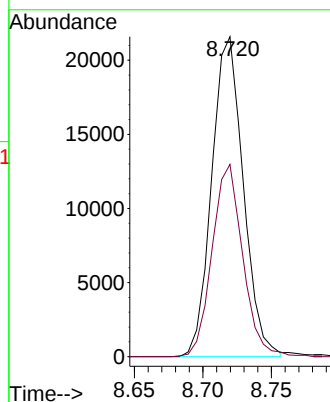
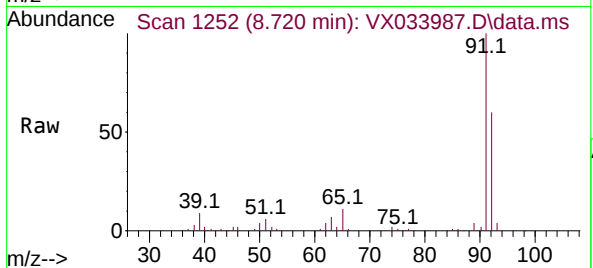
VSTD005613

Tgt Ion: 91 Resp: 34507

Ion Ratio Lower Upper

91 100

92 60.1 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 4.345 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033987.D

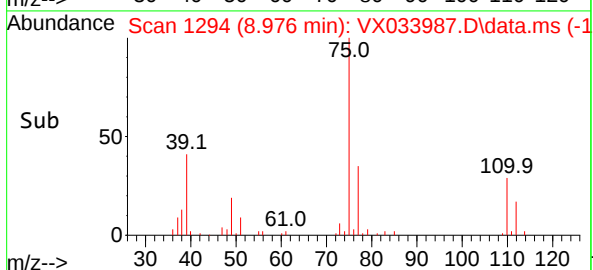
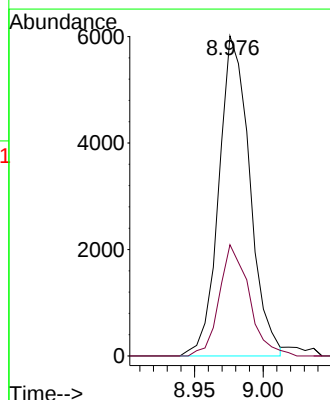
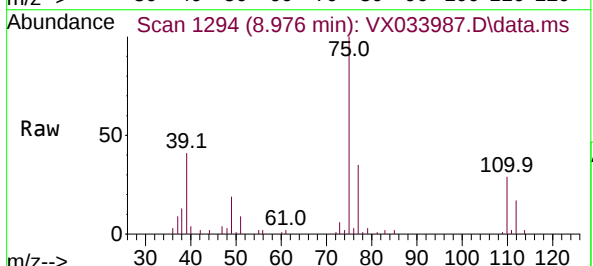
Acq: 02 Feb 2023 10:08

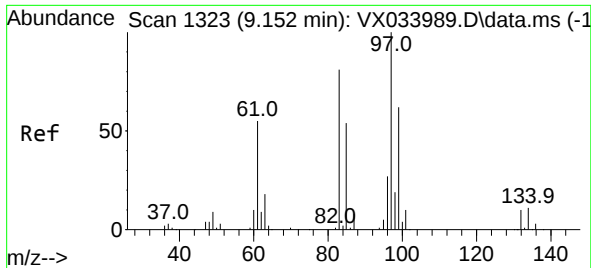
Tgt Ion: 75 Resp: 9426

Ion Ratio Lower Upper

75 100

77 34.8 22.3 41.3

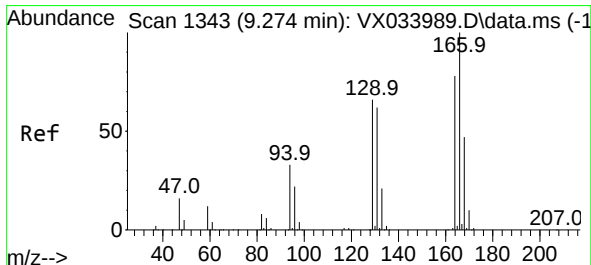
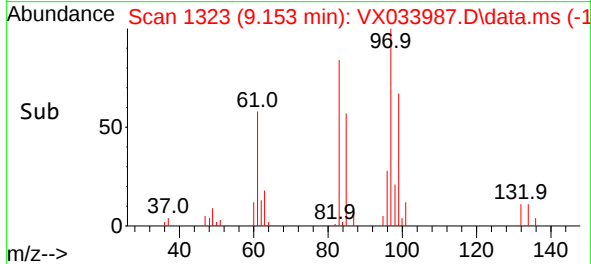
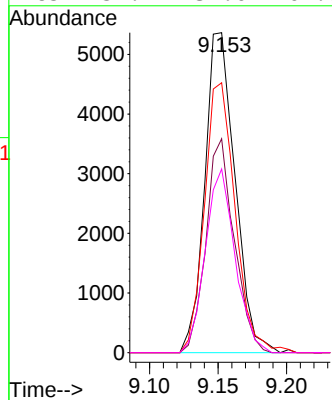
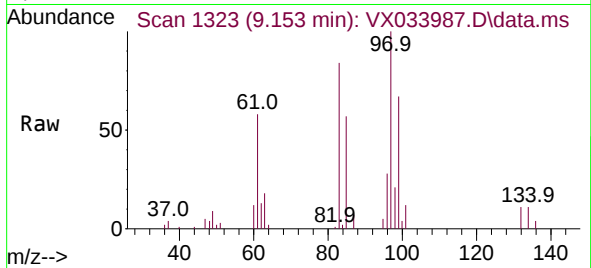




#45
1,1,2-Trichloroethane
Concen: 5.135 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

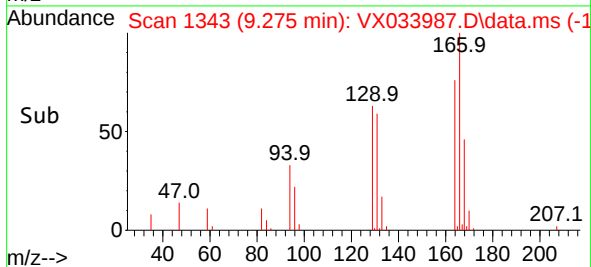
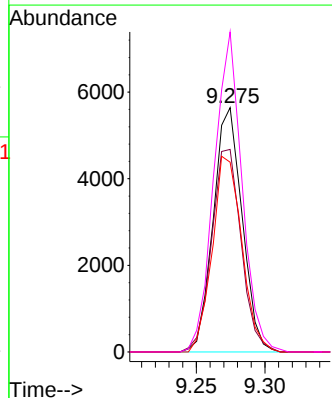
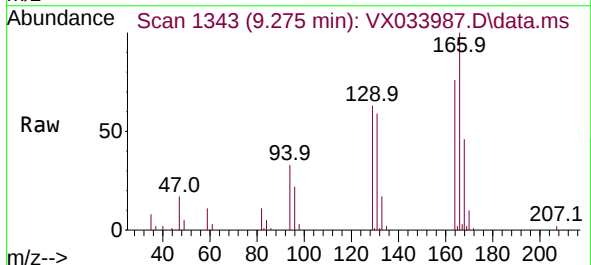
Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

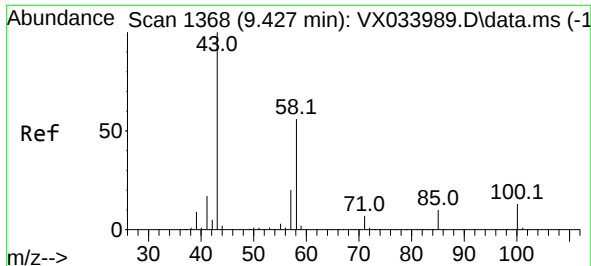
Tgt Ion: 97	Resp: 8256
Ion Ratio	Lower Upper
97 100	
99 66.8	43.5 80.9
83 84.3	56.8 105.4
85 57.4	37.6 69.8



#46
Tetrachloroethene
Concen: 5.096 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt	Ion:164	Resp:	8270
Ion	Ratio	Lower	Upper
164	100		
129	82.9	59.3	110.1
131	77.6	56.1	104.3
166	130.9	90.3	167.7





#48

2-Hexanone

Concen: 10.016 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD005613

Tgt Ion: 43 Resp: 15602

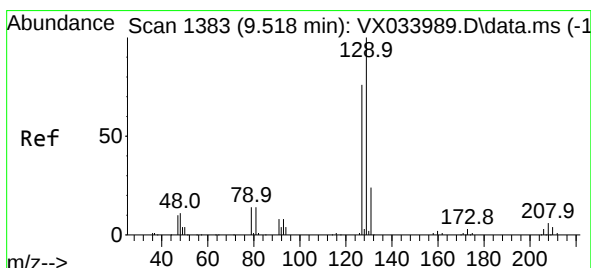
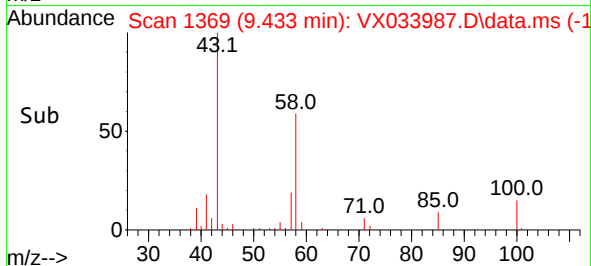
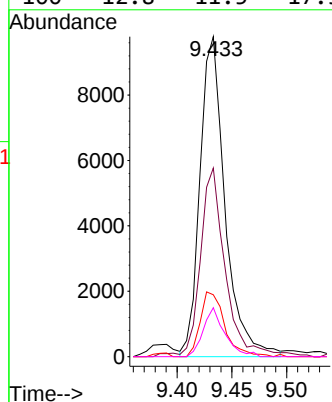
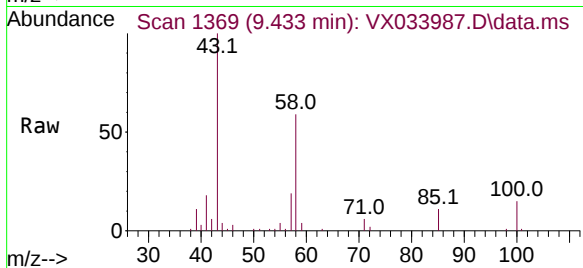
Ion Ratio Lower Upper

43 100

58 53.1 45.7 68.5

57 19.6 15.8 23.8

100 12.8 11.5 17.3



#49

Dibromochloromethane

Concen: 4.779 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX033987.D

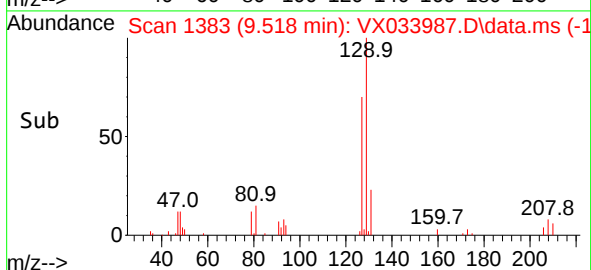
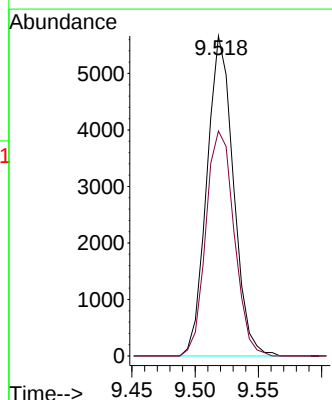
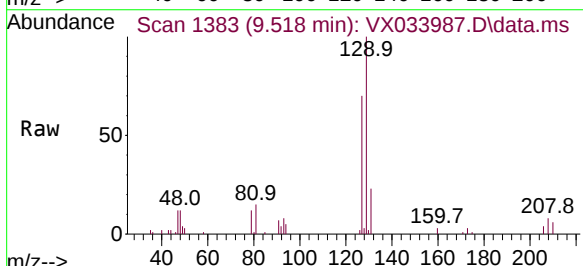
Acq: 02 Feb 2023 10:08

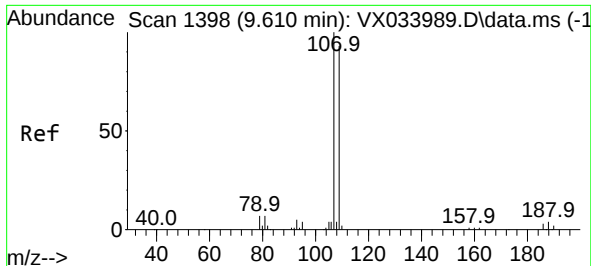
Tgt Ion: 129 Resp: 8291

Ion Ratio Lower Upper

129 100

127 70.3 53.3 98.9

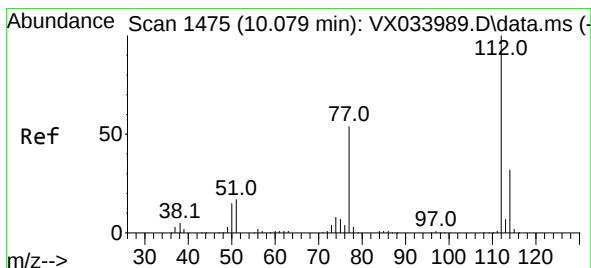
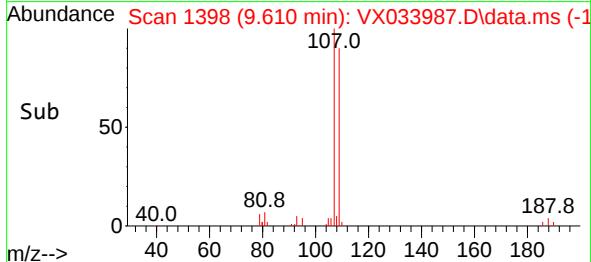
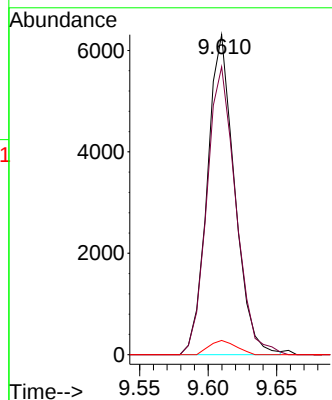
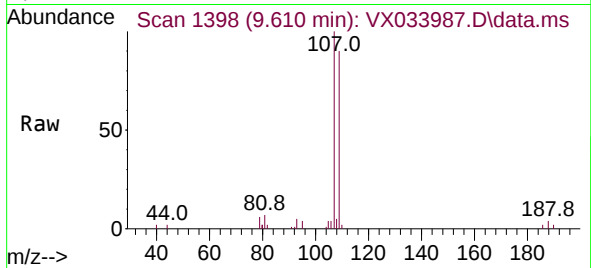




#50
1,2-Dibromoethane
Concen: 5.066 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

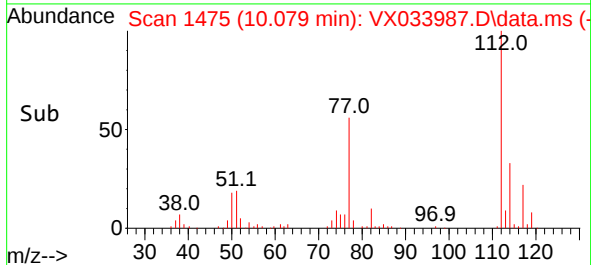
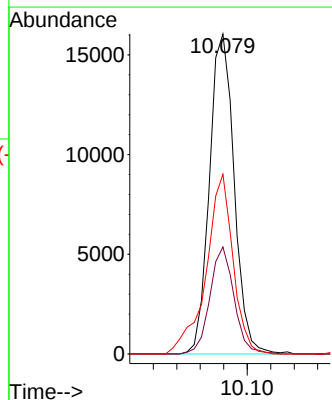
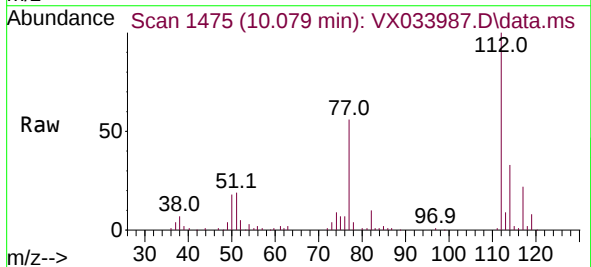
Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

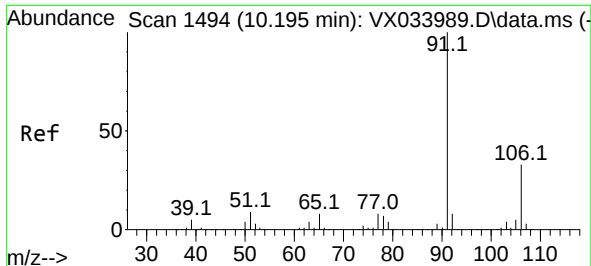
Tgt Ion:107 Resp: 8753
Ion Ratio Lower Upper
107 100
109 90.0 64.9 120.5
188 4.5 3.3 4.9



#51
Chlorobenzene
Concen: 5.203 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion:112 Resp: 23448
Ion Ratio Lower Upper
112 100
114 33.4 22.7 42.3
77 56.1 43.4 65.0

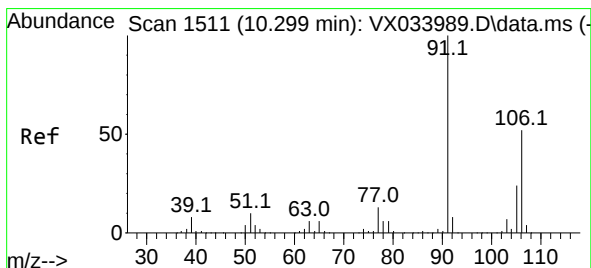
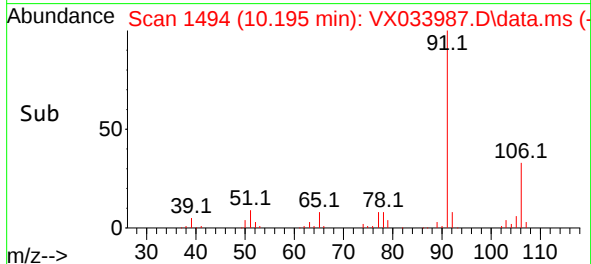
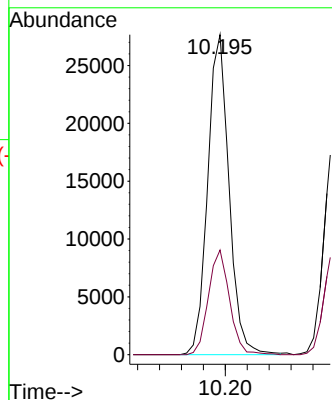
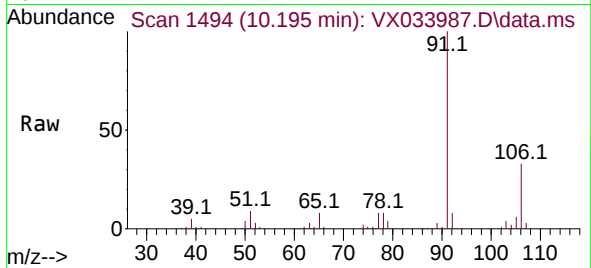




#52
Ethylbenzene
Concen: 5.093 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

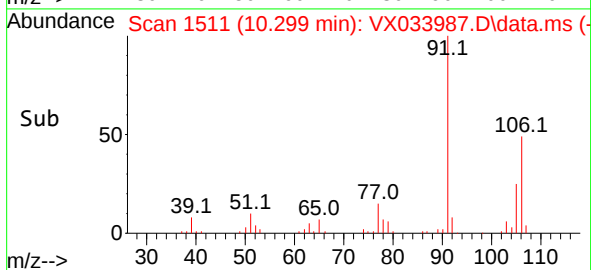
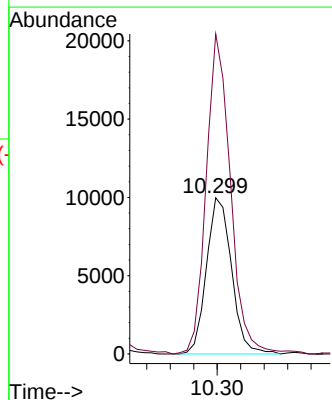
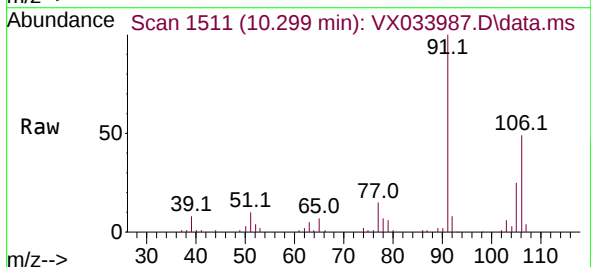
Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

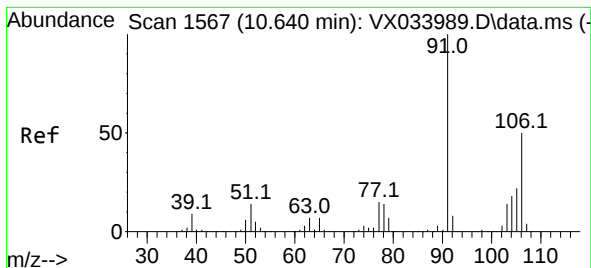
Tgt Ion: 91 Resp: 37337
Ion Ratio Lower Upper
91 100
106 32.7 23.2 43.0



#53
m,p-Xylene
Concen: 5.033 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion: 106 Resp: 14813
Ion Ratio Lower Upper
106 100
91 204.9 135.2 251.0





#54

o-Xylene

Concen: 5.168 ug/L

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033987.D

Acq: 02 Feb 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

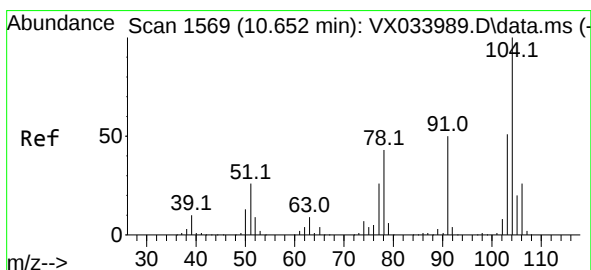
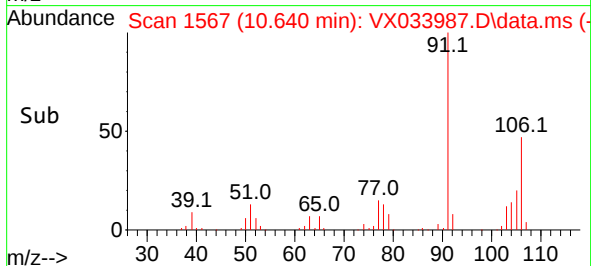
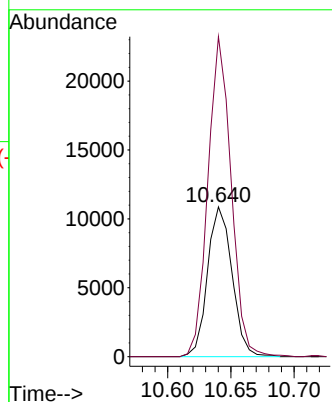
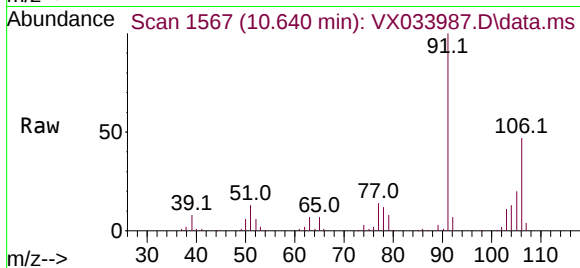
VSTD005613

Tgt Ion:106 Resp: 14693

Ion Ratio Lower Upper

106 100

91 213.7 140.2 260.4



#55

Styrene

Concen: 4.992 ug/L

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX033987.D

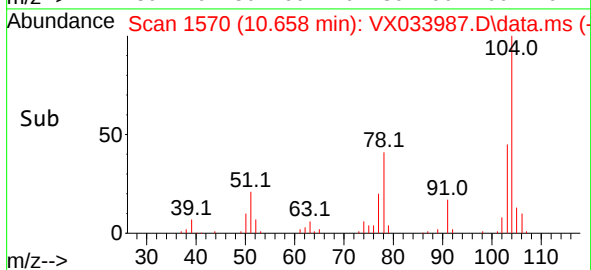
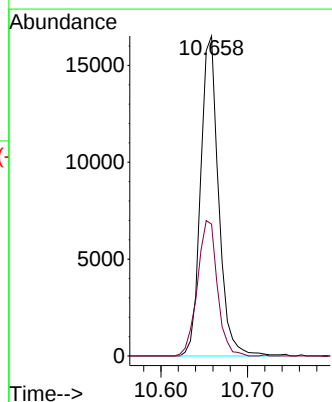
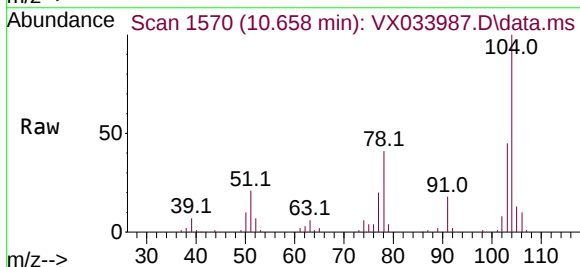
Acq: 02 Feb 2023 10:08

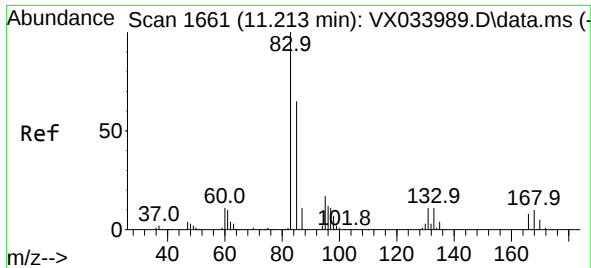
Tgt Ion:104 Resp: 23809

Ion Ratio Lower Upper

104 100

78 41.2 30.0 55.8

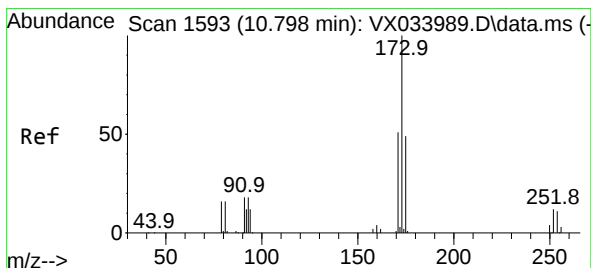
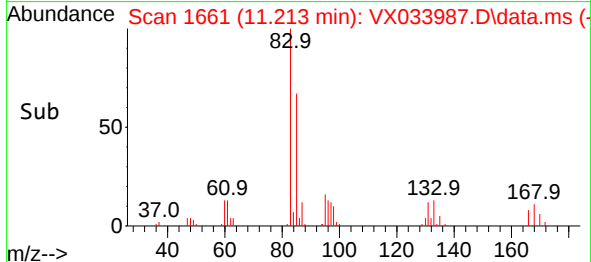
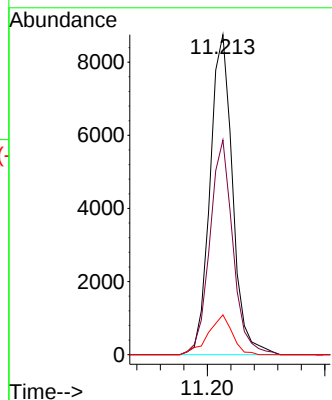
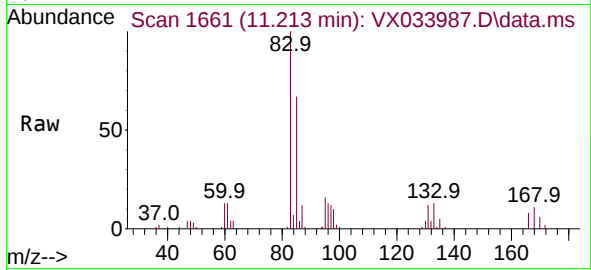




#57
1,1,2,2-Tetrachloroethane
Concen: 5.157 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

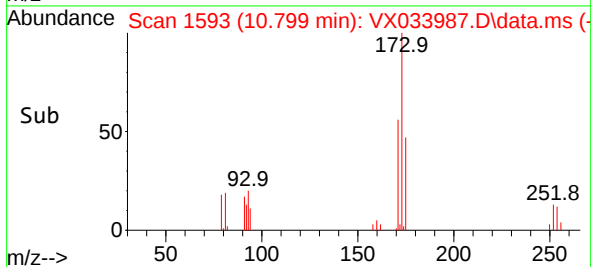
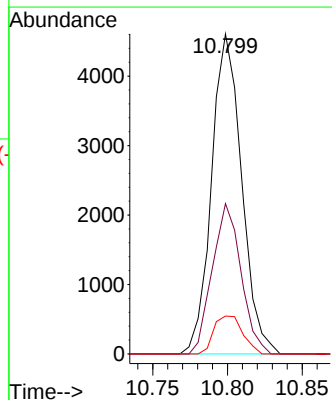
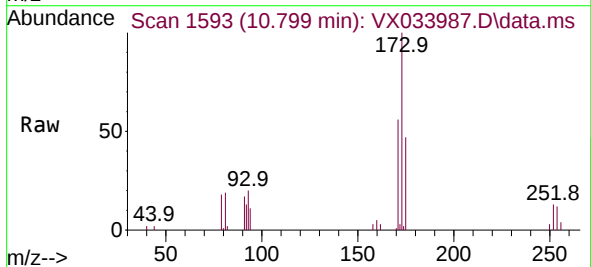
Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

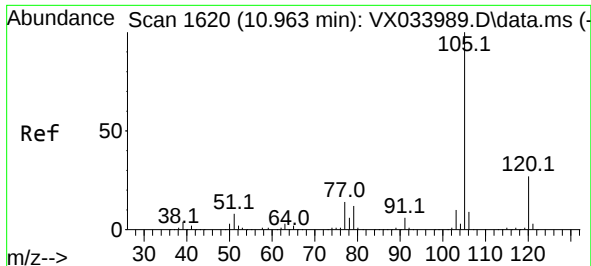
Tgt Ion: 83 Resp: 11656
Ion Ratio Lower Upper
83 100
85 67.1 45.8 85.0
131 12.4 9.1 13.7



#59
Bromoform
Concen: 4.752 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion: 173 Resp: 6452
Ion Ratio Lower Upper
173 100
175 44.8 38.3 57.5
254 11.4 9.1 13.7

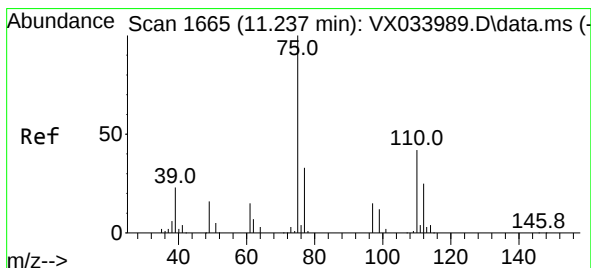
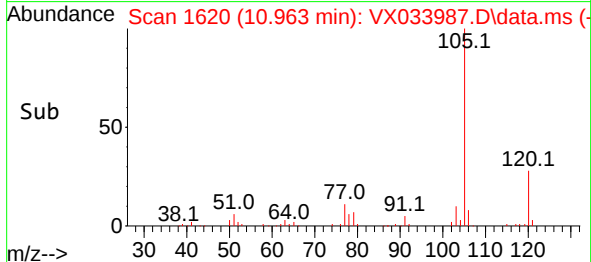
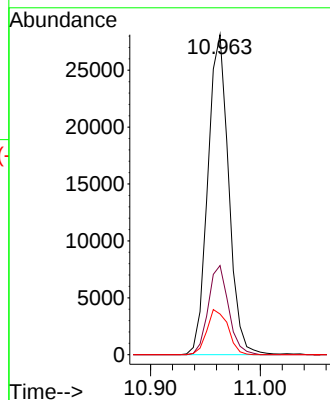
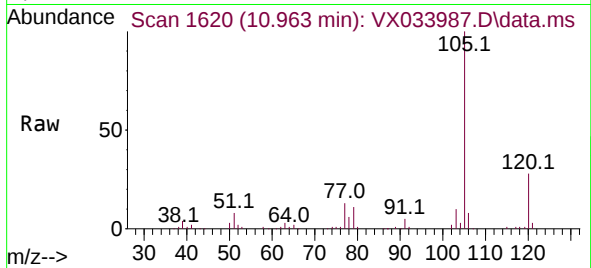




#60
Isopropylbenzene
Concen: 5.093 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

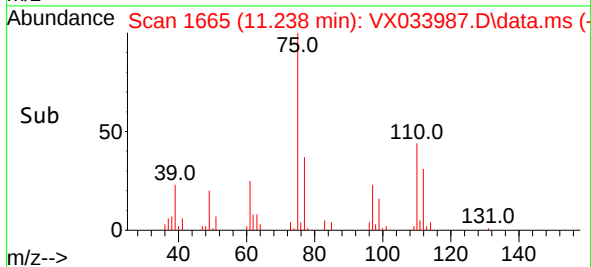
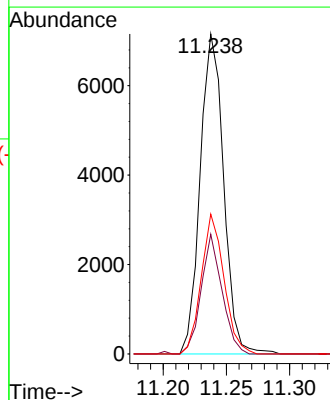
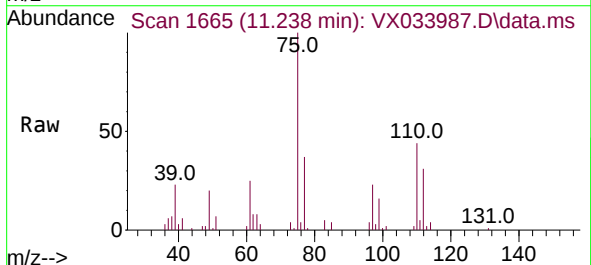
Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

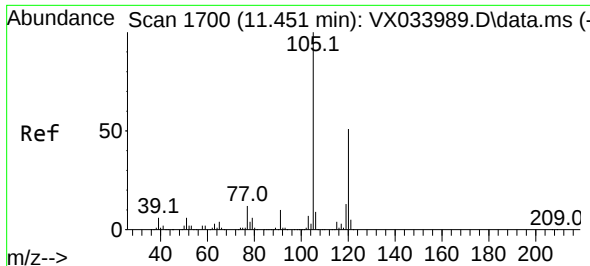
Tgt Ion:105 Resp: 37124
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.6
77 14.3 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 5.467 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion: 75 Resp: 9260
Ion Ratio Lower Upper
75 100
77 33.2 26.1 39.1
110 42.2 34.2 51.4

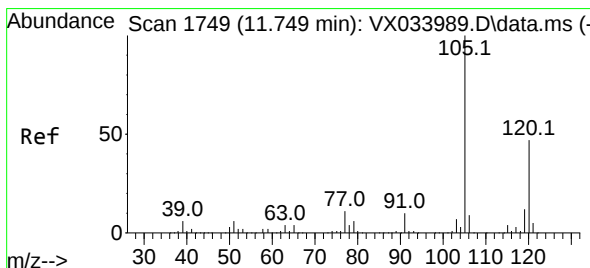
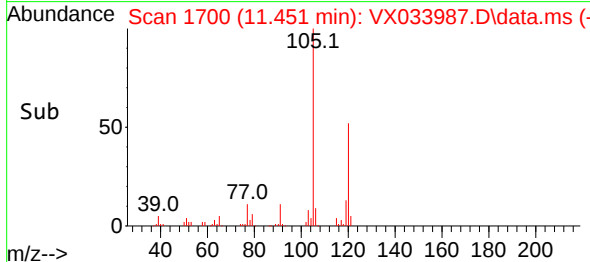
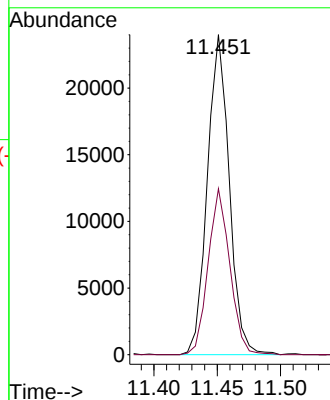
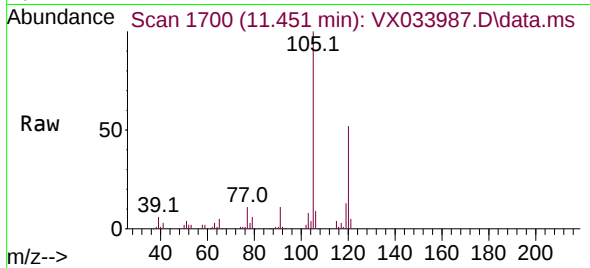




#62
 1,3,5-Trimethylbenzene
 Concen: 4.845 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

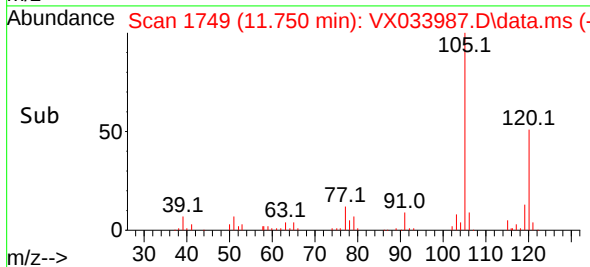
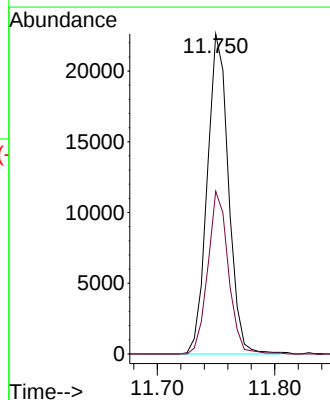
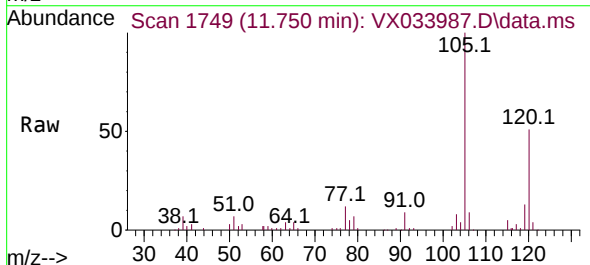
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005613

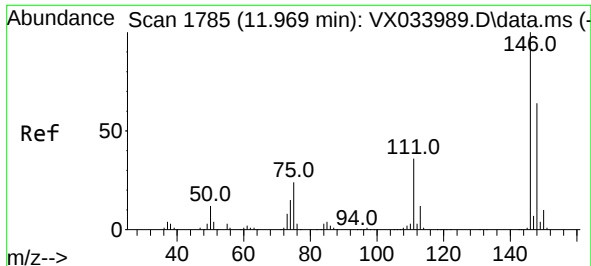
Tgt Ion:105 Resp: 28907
 Ion Ratio Lower Upper
 105 100
 120 51.5 41.3 61.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.822 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

Tgt Ion:105 Resp: 28359
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.5 57.7

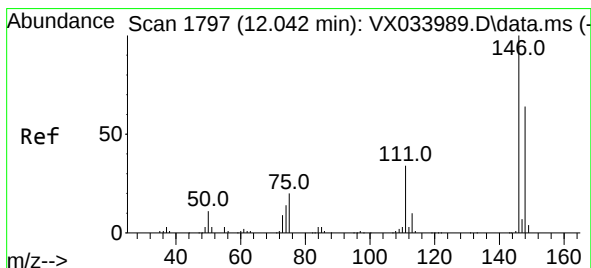
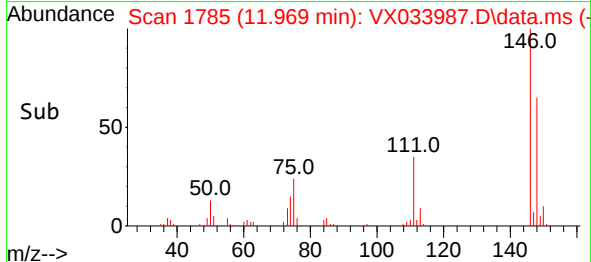
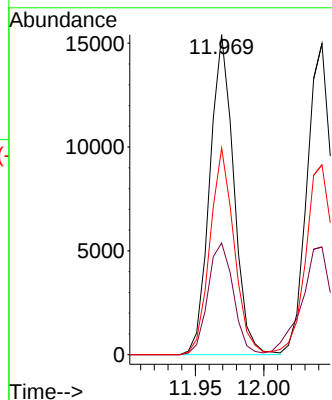
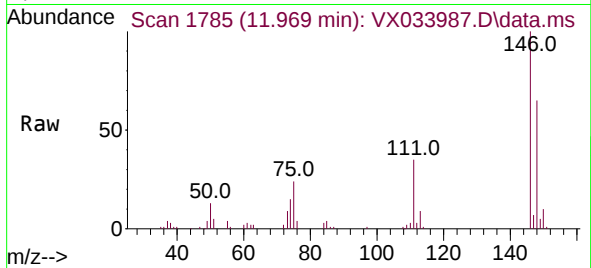




#64
 1,3-Dichlorobenzene
 Concen: 5.168 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

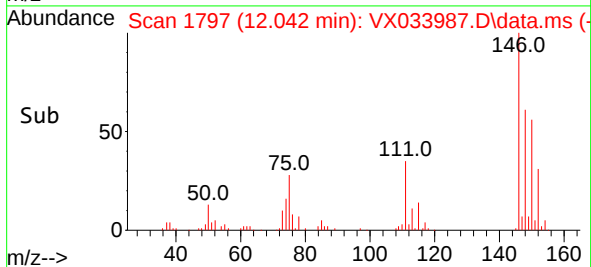
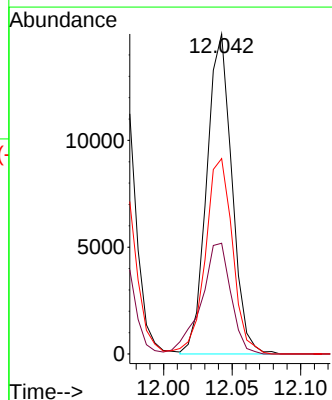
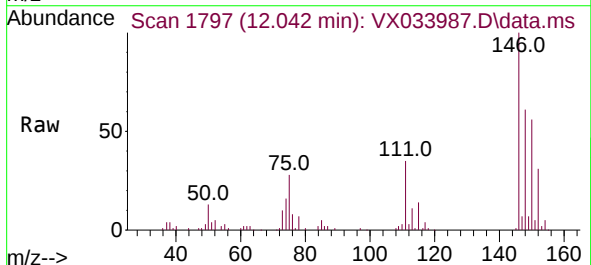
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005613

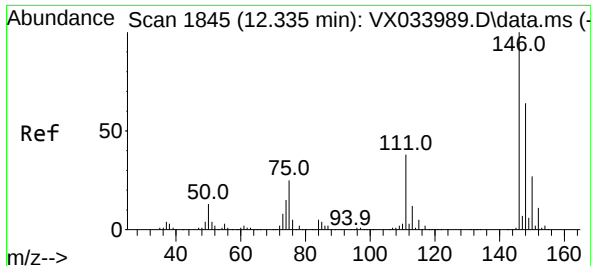
Tgt Ion:146 Resp: 18732
 Ion Ratio Lower Upper
 146 100
 111 34.9 25.5 47.3
 148 64.6 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 5.221 ug/L
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

Tgt Ion:146 Resp: 19153
 Ion Ratio Lower Upper
 146 100
 111 34.6 23.7 44.1
 148 61.1 45.0 83.6

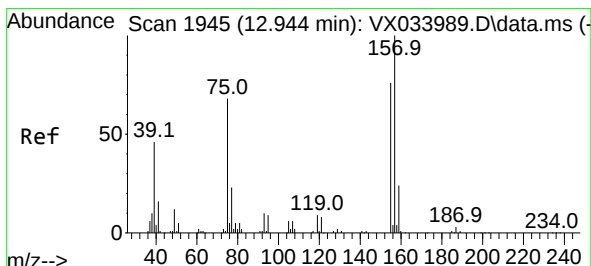
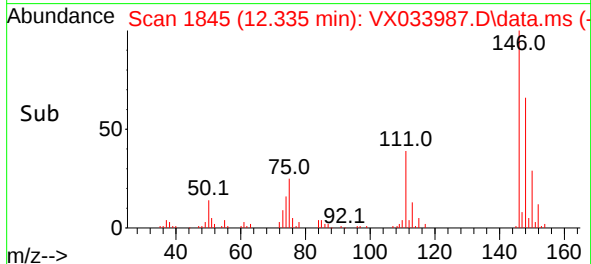
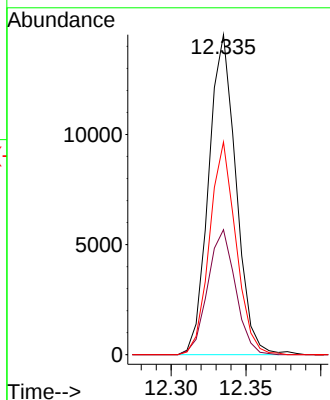
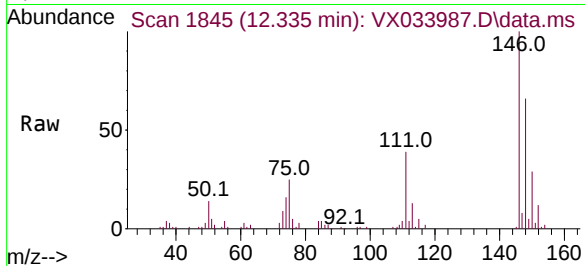




#67
1,2-Dichlorobenzene
Concen: 5.213 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

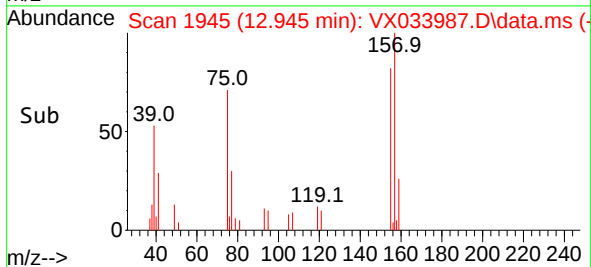
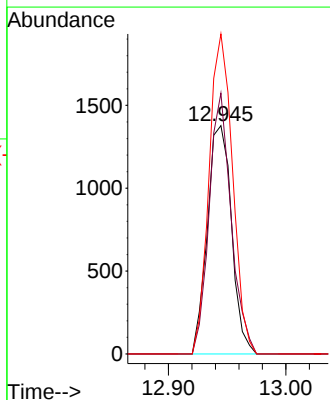
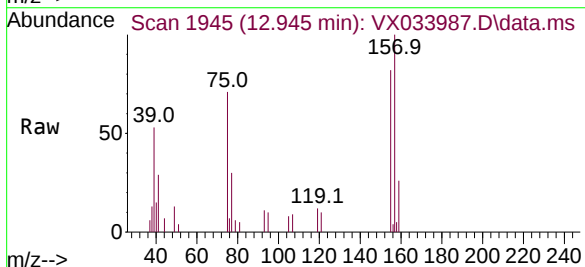
Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

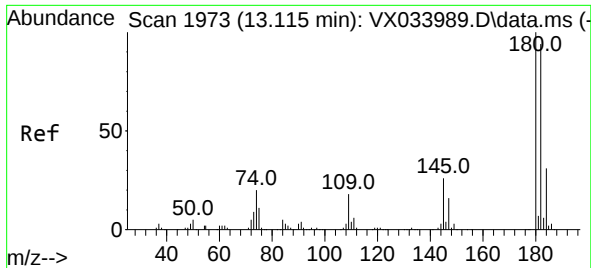
Tgt Ion:146 Resp: 18477
Ion Ratio Lower Upper
146 100
111 39.1 30.4 45.6
148 66.4 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.754 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion: 75 Resp: 1973
Ion Ratio Lower Upper
75 100
155 114.2 89.0 133.6
157 140.1 116.9 175.3

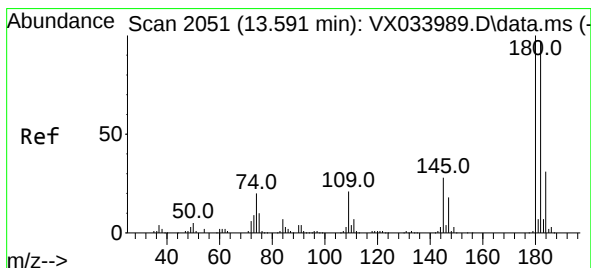
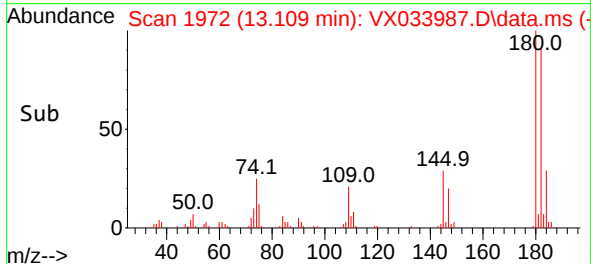
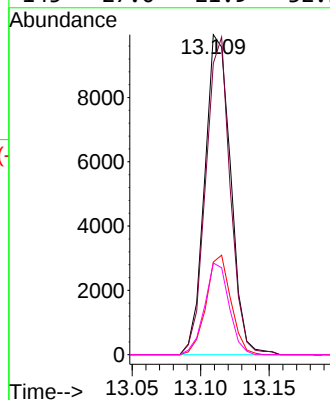
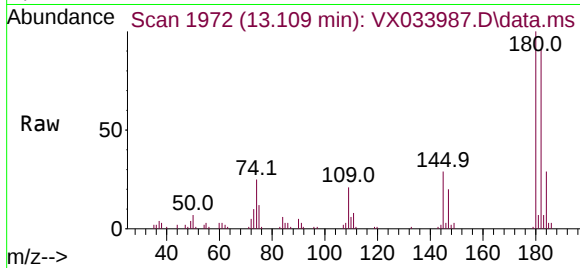




#69
 1,3,5-Trichlorobenzene
 Concen: 4.792 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.006 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

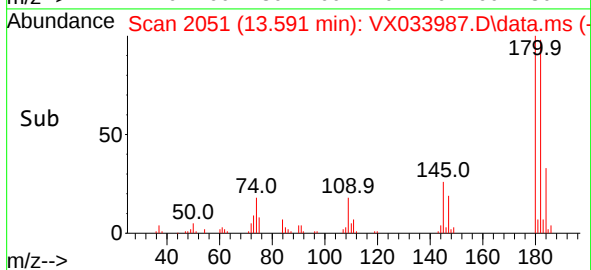
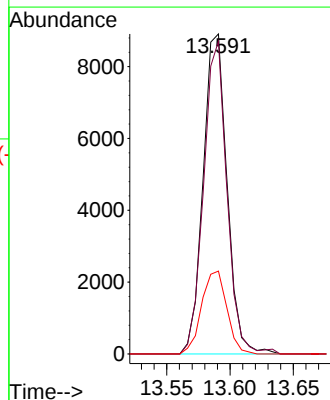
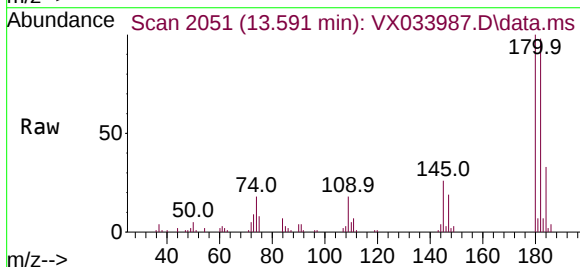
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005613

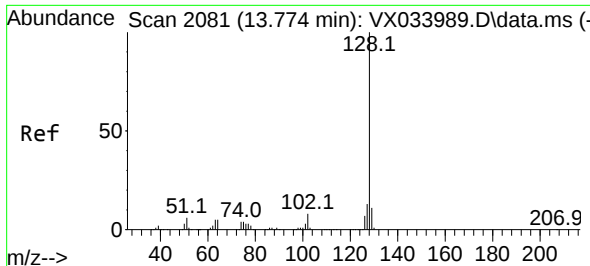
Tgt Ion:180	Resp:	13099
Ion Ratio	Lower	Upper
180	100	
182	93.2	77.3 115.9
184	29.5	24.5 36.7
145	27.0	21.9 32.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.740 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX033987.D
 Acq: 02 Feb 2023 10:08

Tgt Ion:180	Resp:	11762
Ion Ratio	Lower	Upper
180	100	
182	94.2	76.5 114.7
145	27.3	22.3 33.5

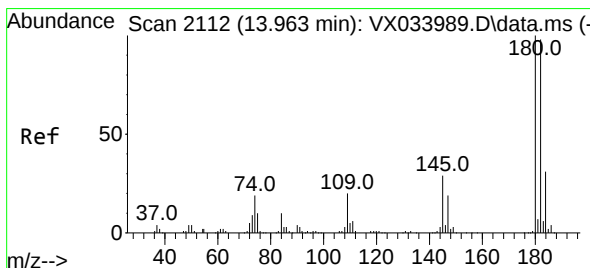
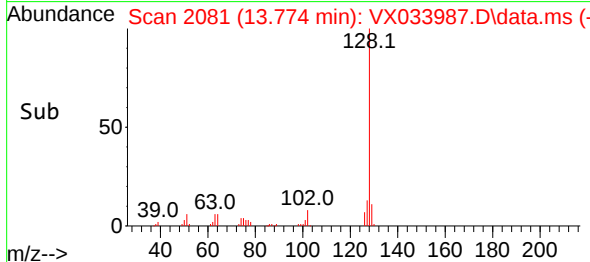
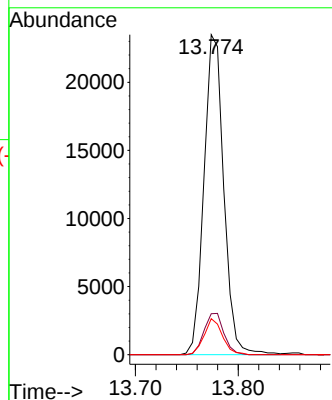
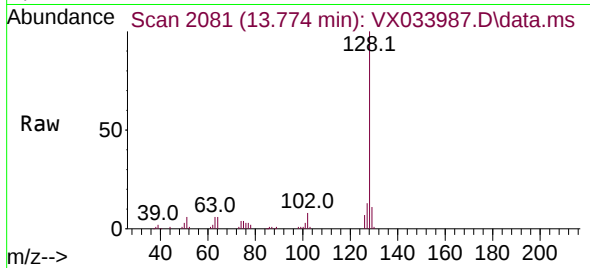




#71
Naphthalene
Concen: 4.587 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD005613

Tgt Ion:	128	Resp:	31512
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	10.4	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 4.791 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033987.D
Acq: 02 Feb 2023 10:08

Tgt Ion:	180	Resp:	11735
Ion Ratio	Lower	Upper	
180	100		
182	96.8	77.1	115.7
145	30.8	23.5	35.3

