

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035116.D
 Acq On : 18 Apr 2023 12:27
 Operator : JC/MD
 Sample : VSTD01033
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010633

Quant Time: Apr 19 00:31:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	506842	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	438140	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	206456	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30891	9.452	ug/L	0.00
7) Chloroethane-d5	1.672	69	22934	9.712	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	14915	2.746	ug/L	0.00
21) 2-Butanone-d5	4.471	46	41160	18.862	ug/L	0.00
24) Chloroform-d	5.062	84	56274	9.144	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	38667	9.784	ug/L	0.00
32) Benzene-d6	5.976	84	121461	9.650	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	36083	9.385	ug/L	0.00
41) Toluene-d8	8.647	98	110662	9.620	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	13933	8.293	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	27630	17.896	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	44569	9.466	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	38288	9.570	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	35649	9.385	ug/L	98
3) Chloromethane	1.294	50	33029	9.554	ug/L	98
5) Vinyl chloride	1.374	62	34178	9.527	ug/L	94
6) Bromomethane	1.617	94	20097	9.432	ug/L	96
8) Chloroethane	1.691	64	19250	9.621	ug/L	93
9) Trichlorofluoromethane	1.892	101	46390	9.549	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	31659	9.539	ug/L	100
12) 1,1-Dichloroethene	2.325	96	28533	9.423	ug/L	78
13) Acetone	2.398	43	32429	20.076	ug/L	100
14) Carbon disulfide	2.514	76	65770	8.791	ug/L	99
15) Methyl Acetate	2.709	43	33734	9.749	ug/L	99
16) Methylene chloride	2.788	84	32420	9.616	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	29558	9.480	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	102381	9.494	ug/L	99
19) 1,1-Dichloroethane	3.611	63	56218	9.353	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	34020	9.332	ug/L	99
22) 2-Butanone	4.574	43	47560	19.182	ug/L	96
23) Bromochloromethane	4.897	128	16904	9.362	ug/L	97
25) Chloroform	5.092	83	56981	9.350	ug/L	96
27) 1,2-Dichloroethane	6.086	62	46653	9.558	ug/L	98
29) Cyclohexane	5.477	56	51169	9.666	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	47226	9.190	ug/L	98
31) Carbon tetrachloride	5.678	117	38246	8.777	ug/L	99
33) Benzene	6.037	78	127702	9.624	ug/L	100
34) Trichloroethene	7.123	95	33431	9.472	ug/L	93
35) Methylcyclohexane	7.379	83	44274	9.314	ug/L	100
37) 1,2-Dichloropropane	7.427	63	32866	9.408	ug/L	100
38) Bromodichloromethane	7.824	83	36509	8.845	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	44660	8.550	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	89154	19.361	ug/L	100
42) Toluene	8.720	91	132999	9.661	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	38825	8.249	ug/L	94

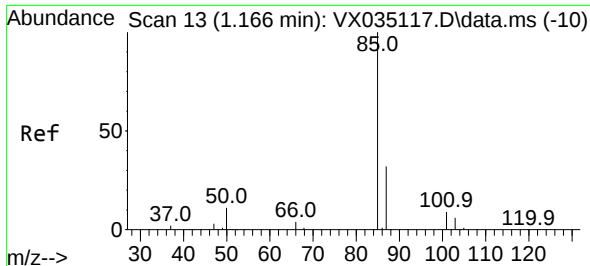
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035116.D
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 VSTD010633

Quant Time: Apr 19 00:31:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	31839	9.605	ug/L	96
46) Tetrachloroethene	9.275	164	25087	9.542	ug/L	96
48) 2-Hexanone	9.433	43	68715	19.653	ug/L	99
49) Dibromochloromethane	9.519	129	26906	8.541	ug/L	100
50) 1,2-Dibromoethane	9.610	107	32418	9.399	ug/L	96
51) Chlorobenzene	10.079	112	87736	9.674	ug/L	98
52) Ethylbenzene	10.195	91	144791	9.515	ug/L	98
53) m,p-Xylene	10.299	106	55807	9.577	ug/L	97
54) o-Xylene	10.640	106	54241	9.468	ug/L	99
55) Styrene	10.652	104	90914	9.366	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	47165	9.654	ug/L	99
59) Bromoform	10.799	173	17597	8.280	ug/L	99
60) Isopropylbenzene	10.963	105	137225	9.775	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	38012	9.972	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	110604	9.634	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	108916	9.541	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	62356	9.739	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	63420	9.680	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	63394	9.765	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	8060	8.569	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.115	180	37400	9.449	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	33979	9.168	ug/L	100
71) Naphthalene	13.774	128	124750	9.449	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	35157	9.609	ug/L	99

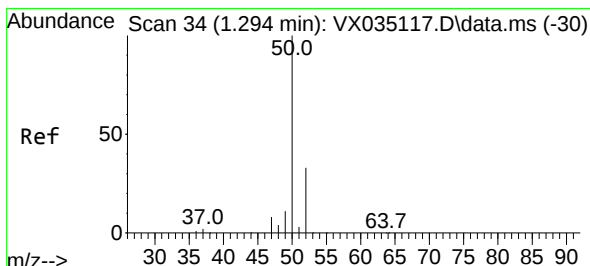
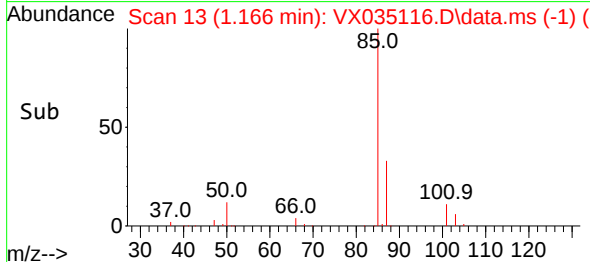
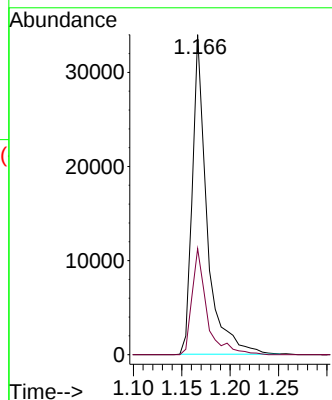
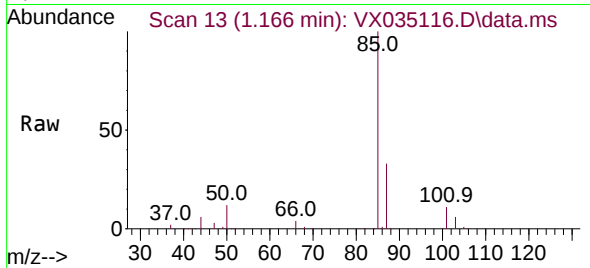
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 9.385 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

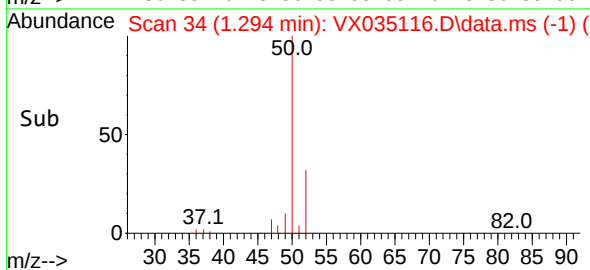
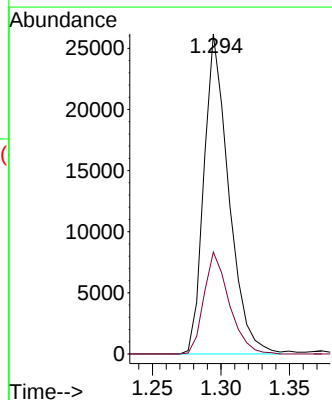
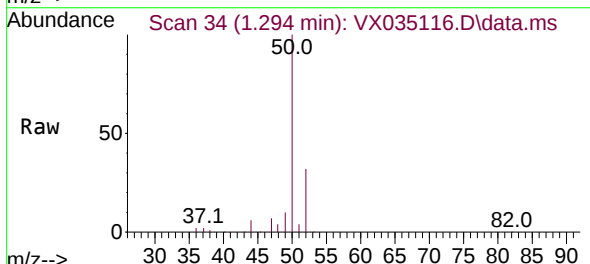
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

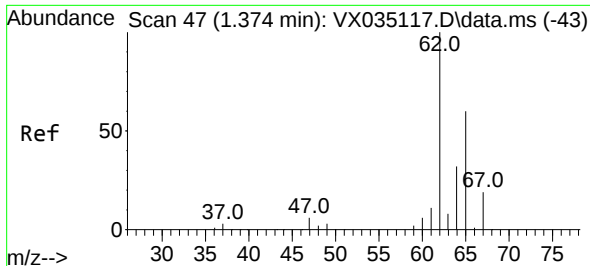
Tgt Ion: 85 Resp: 35649
Ion Ratio Lower Upper
85 100
87 33.8 26.2 39.4



#3
Chloromethane
Concen: 9.554 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion: 50 Resp: 33029
Ion Ratio Lower Upper
50 100
52 31.9 23.0 42.6

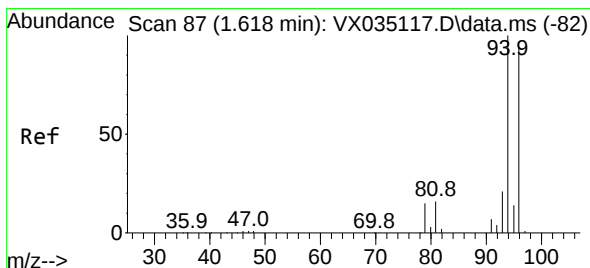
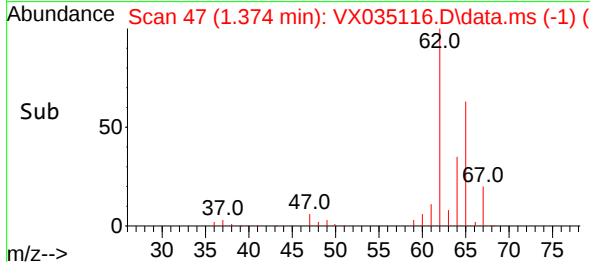
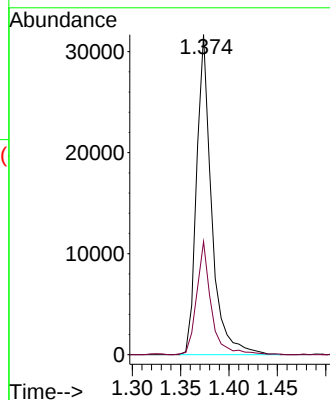
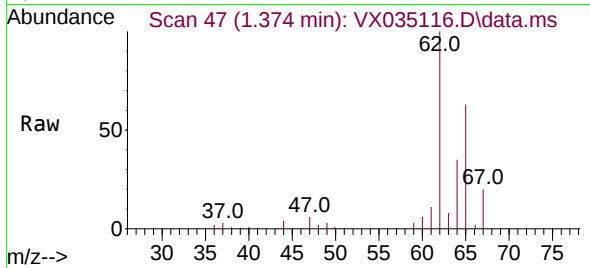




#5
 Vinyl chloride
 Concen: 9.527 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035116.D
 Acq: 18 Apr 2023 12:27

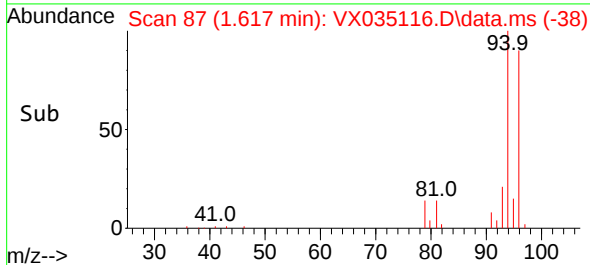
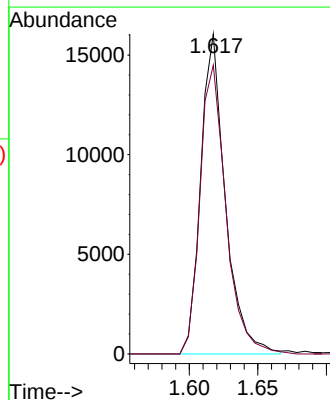
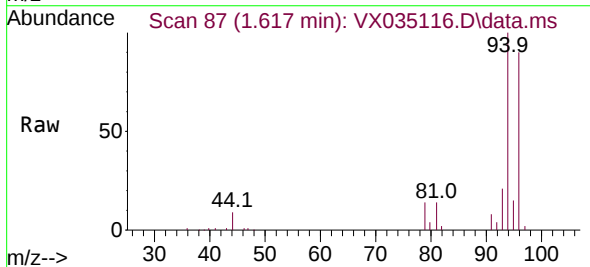
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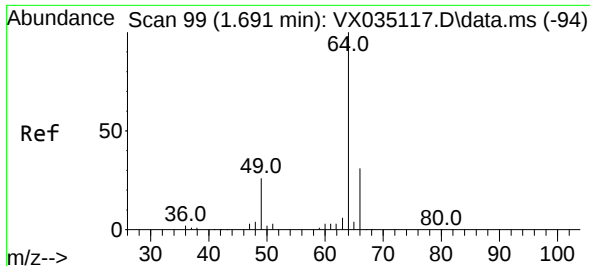
Tgt Ion: 62 Resp: 34178
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.5 41.7



#6
 Bromomethane
 Concen: 9.432 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX035116.D
 Acq: 18 Apr 2023 12:27

Tgt Ion: 94 Resp: 20097
 Ion Ratio Lower Upper
 94 100
 96 90.3 65.7 121.9

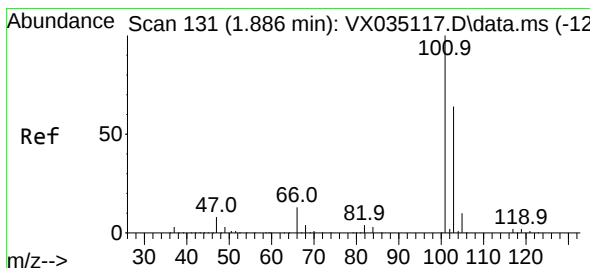
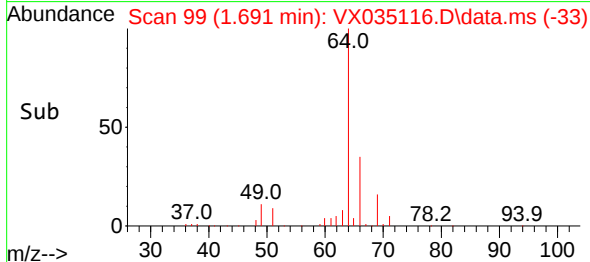
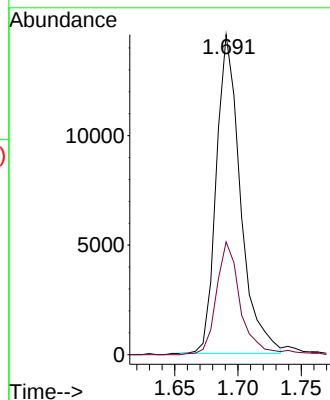
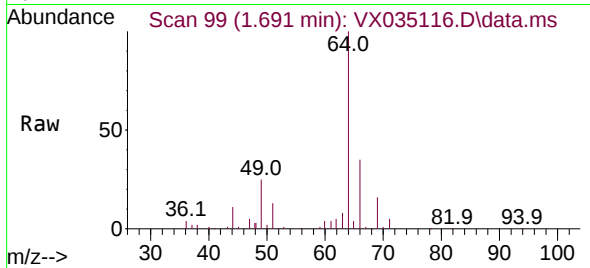




#8
Chloroethane
Concen: 9.621 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

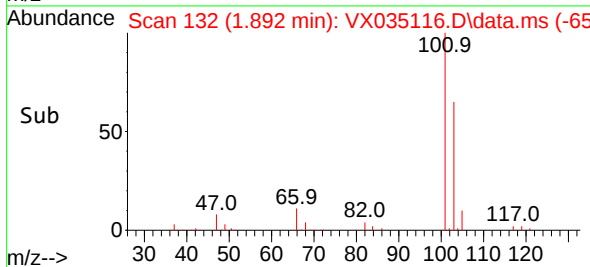
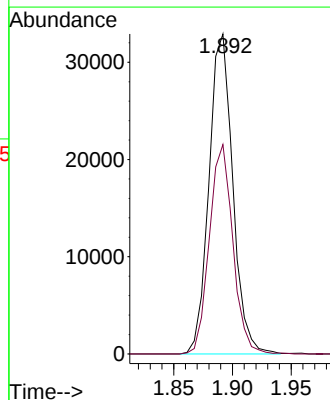
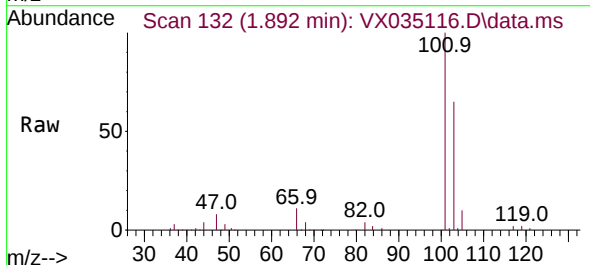
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ClientSampleId :
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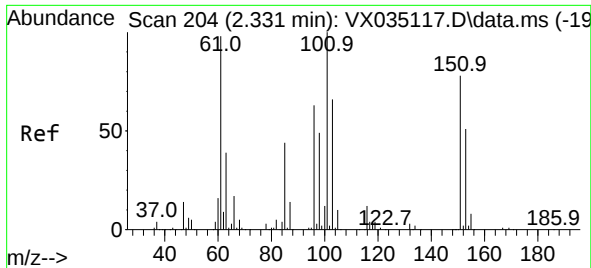
Tgt Ion: 64 Resp: 19250
Ion Ratio Lower Upper
64 100
66 35.2 21.9 40.7



#9
Trichlorofluoromethane
Concen: 9.549 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion: 101 Resp: 46390
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

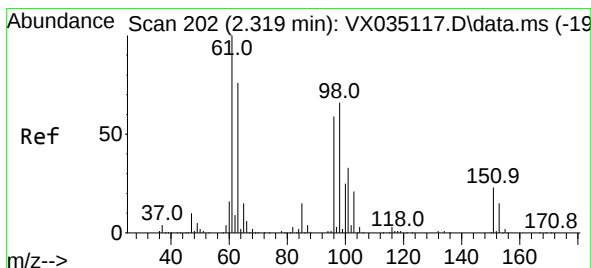
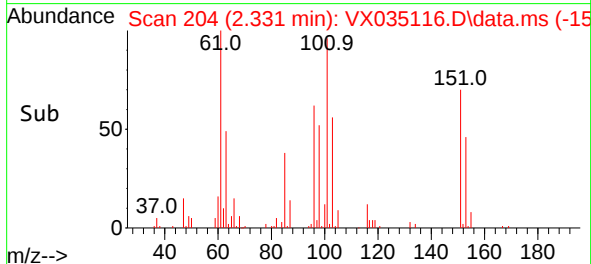
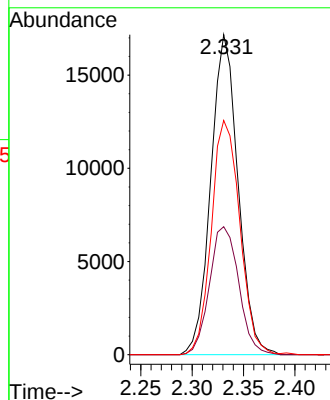
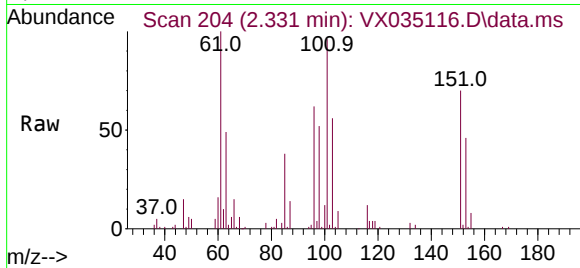




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.539 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX035116.D
 Acq: 18 Apr 2023 12:27

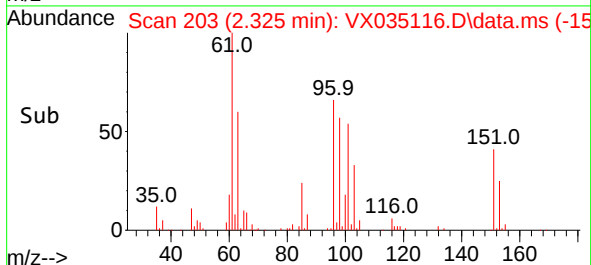
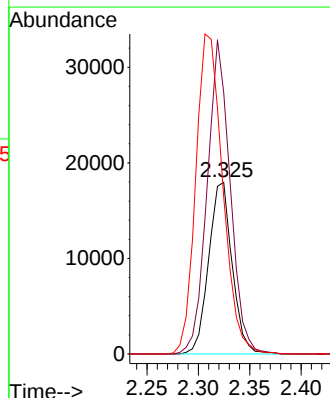
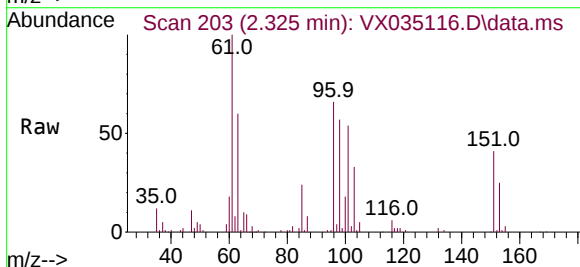
Instrument :
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 ClientSampleId :
 VSTD010633

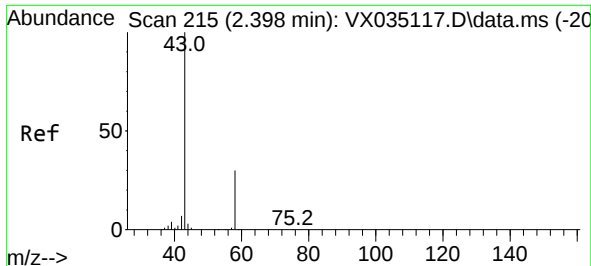
Tgt Ion: 101 Resp: 31659
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.2 51.2
 151 76.4 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 9.423 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX035116.D
 Acq: 18 Apr 2023 12:27

Tgt Ion: 96 Resp: 28533
 Ion Ratio Lower Upper
 96 100
 61 152.2 119.0 221.0
 63 91.4 91.0 169.0





#13

Acetone

Concen: 20.076 ug/L

RT: 2.398 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

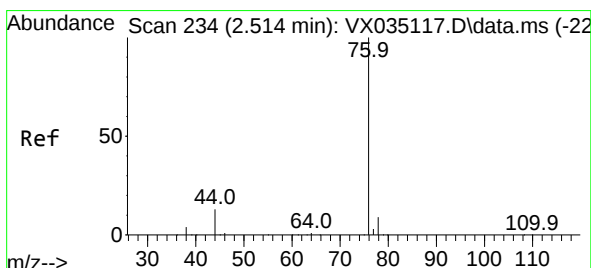
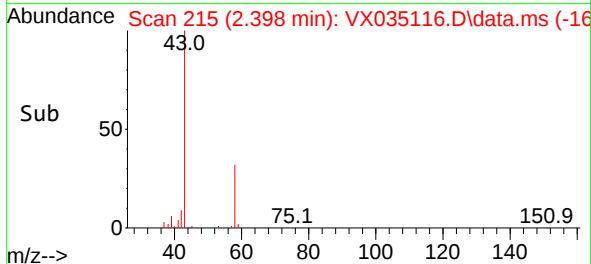
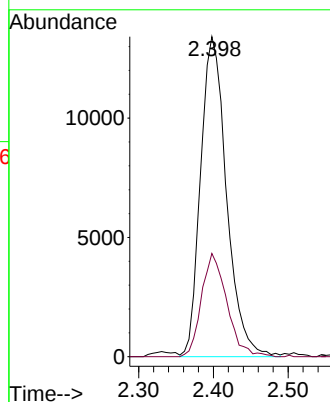
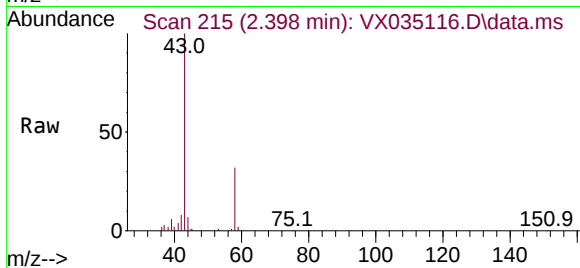
VSTD010633

Tgt Ion: 43 Resp: 32429

Ion Ratio Lower Upper

43 100

58 31.0 0.0 62.0



#14

Carbon disulfide

Concen: 8.791 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX035116.D

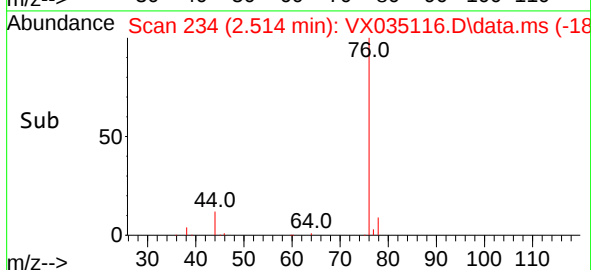
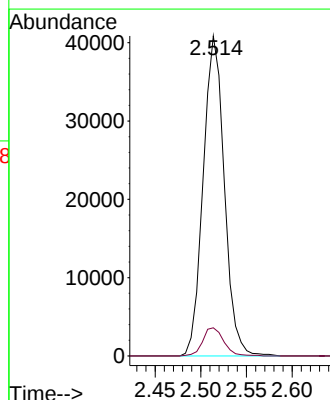
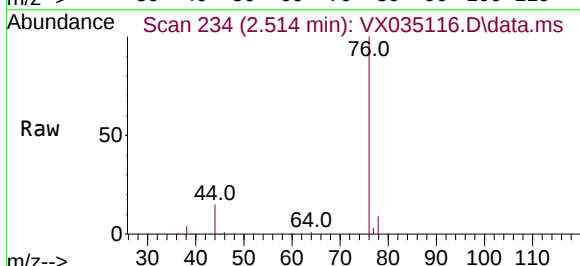
Acq: 18 Apr 2023 12:27

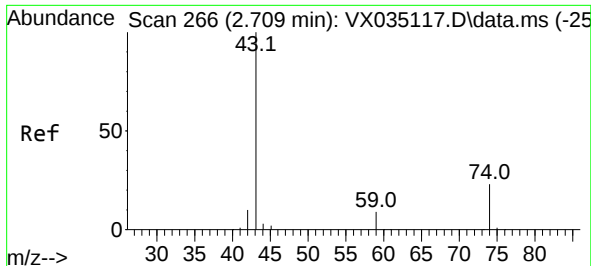
Tgt Ion: 76 Resp: 65770

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

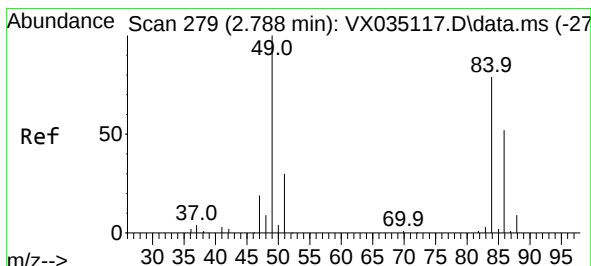
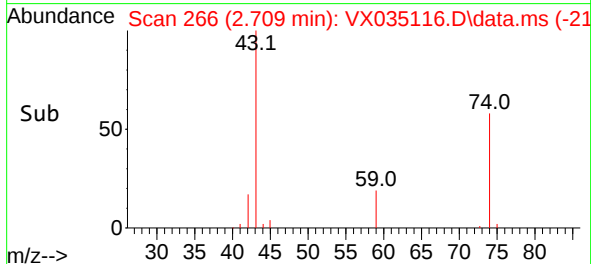
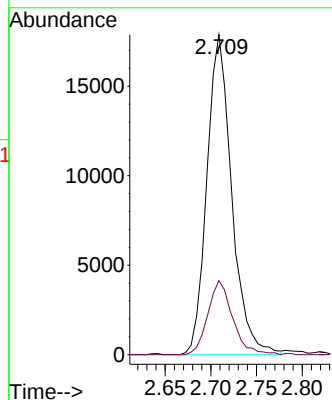
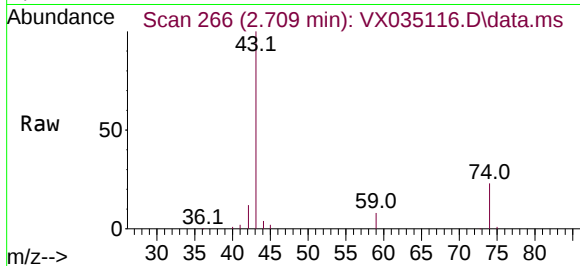




#15
Methyl Acetate
Concen: 9.749 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

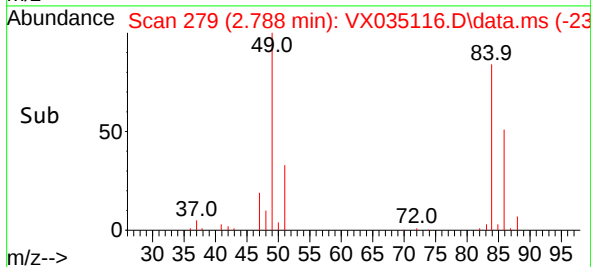
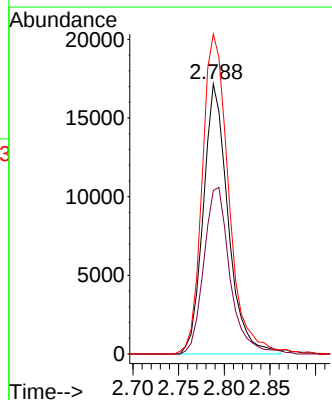
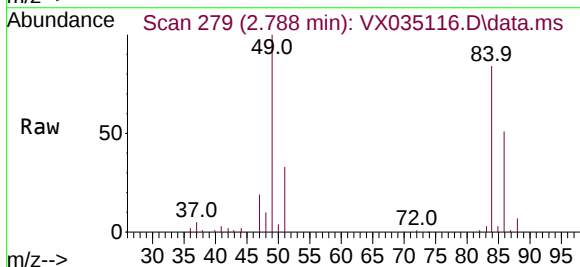
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VSTD010633

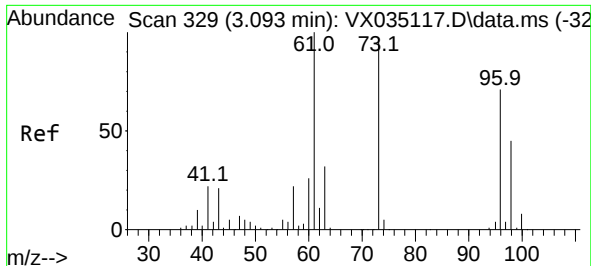
Tgt Ion: 43 Resp: 33734
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.4



#16
Methylene chloride
Concen: 9.616 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion: 84 Resp: 32420
Ion Ratio Lower Upper
84 100
86 60.6 45.8 85.0
49 118.6 88.7 164.7

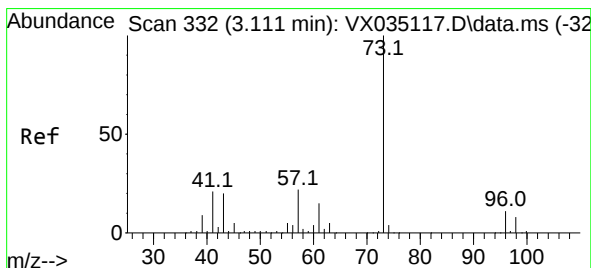
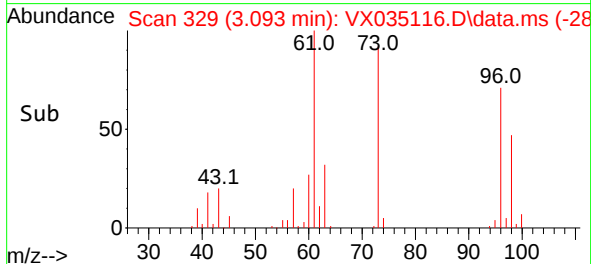
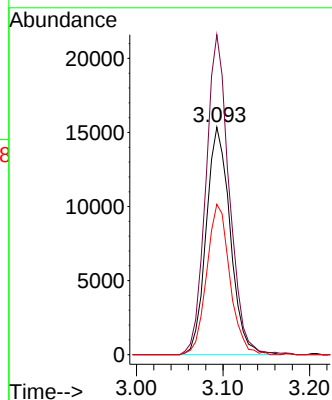
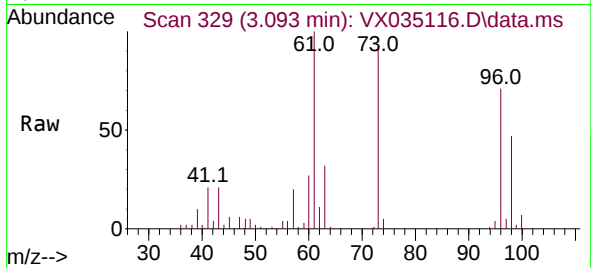




#17
trans-1,2-Dichloroethene
Concen: 9.480 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

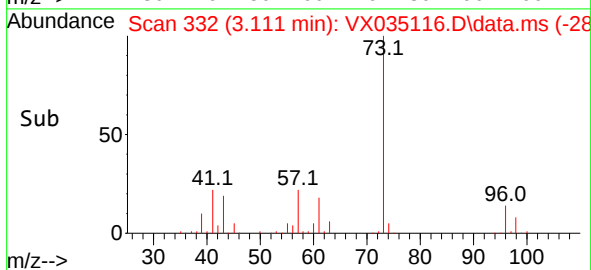
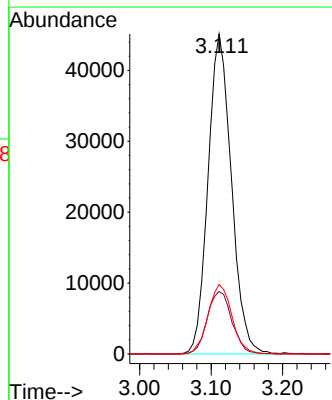
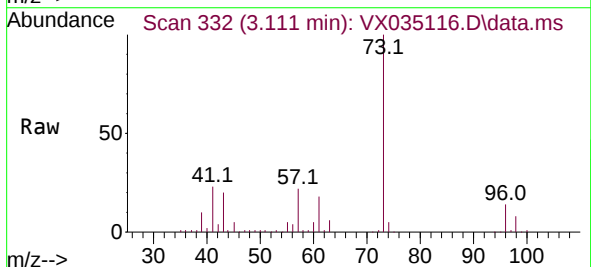
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

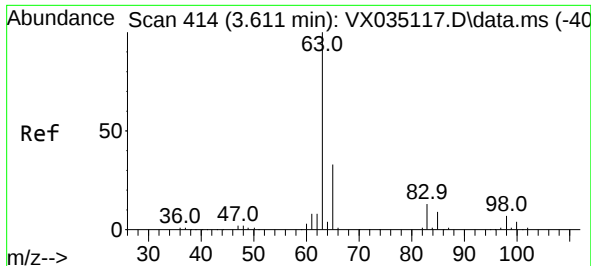
Tgt Ion: 96 Resp: 29558
Ion Ratio Lower Upper
96 100
61 140.6 98.8 183.4
98 66.1 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 9.494 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion: 73 Resp: 102381
Ion Ratio Lower Upper
73 100
43 20.6 16.6 25.0
57 22.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 9.353 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD010633

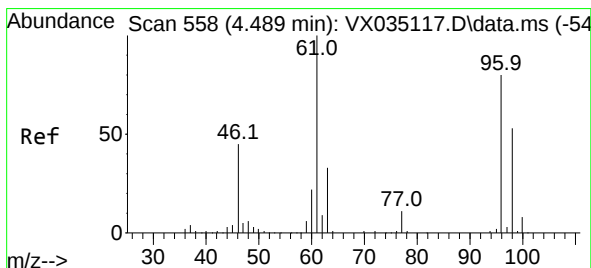
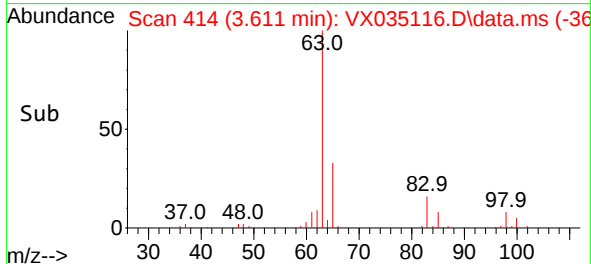
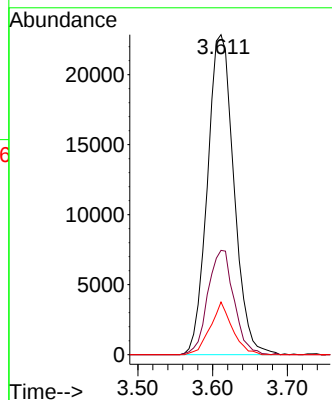
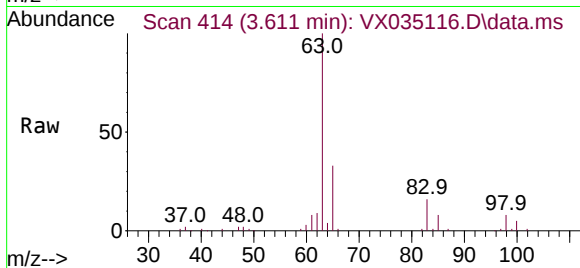
Tgt Ion: 63 Resp: 56218

Ion Ratio Lower Upper

63 100

65 32.6 22.8 42.4

83 16.4 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 9.332 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

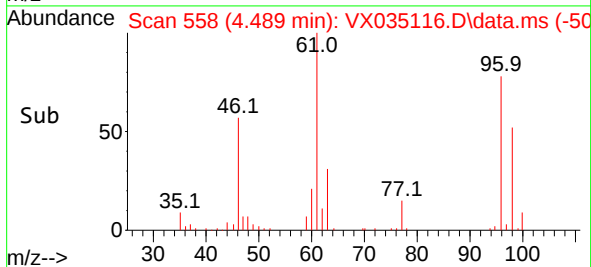
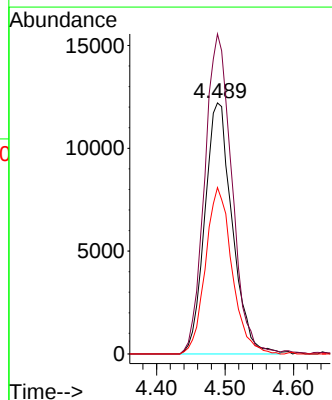
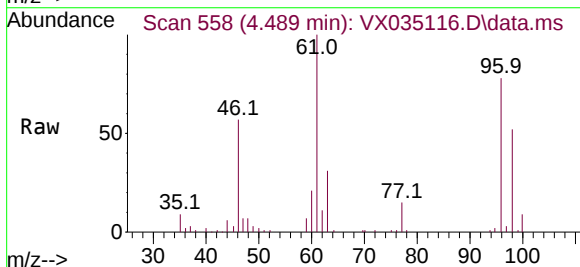
Tgt Ion: 96 Resp: 34020

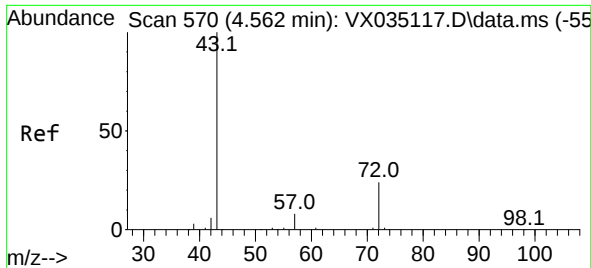
Ion Ratio Lower Upper

96 100

61 127.5 87.8 163.2

98 66.3 46.3 86.1

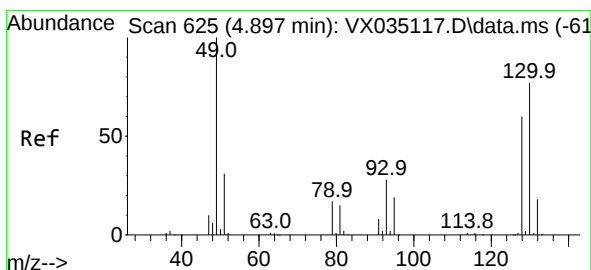
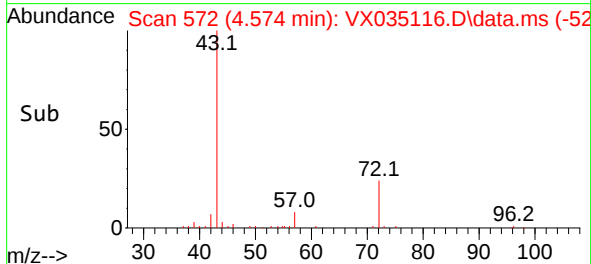
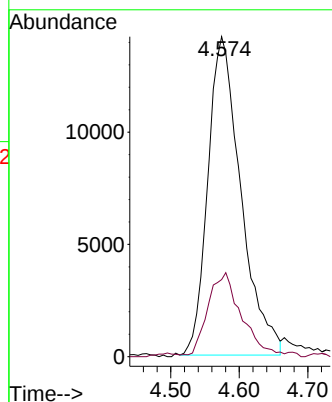
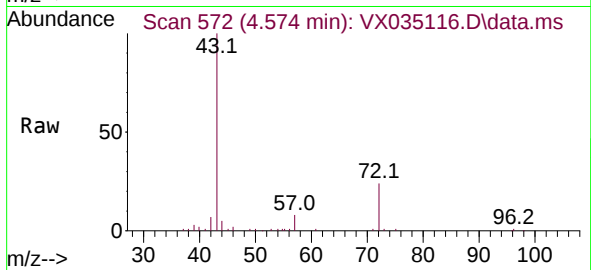




#22
2-Butanone
Concen: 19.182 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

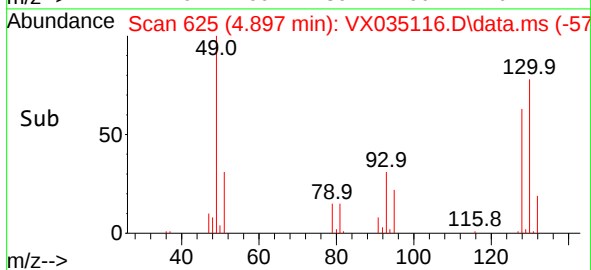
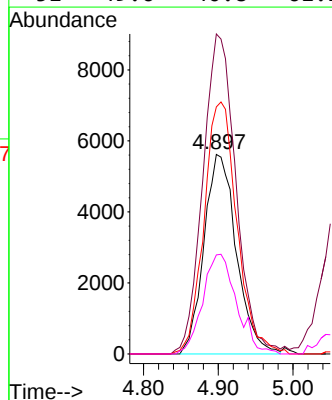
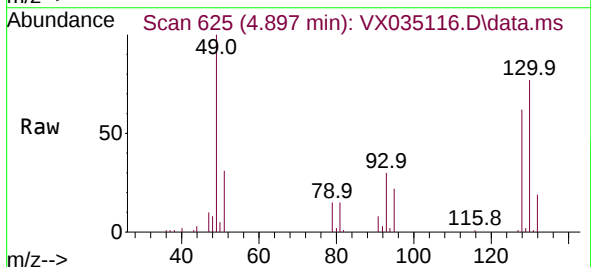
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

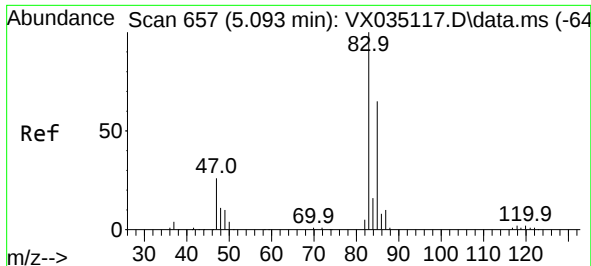
Tgt Ion: 43 Resp: 47560
Ion Ratio Lower Upper
43 100
72 26.8 12.4 37.2



#23
Bromochloromethane
Concen: 9.362 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion: 128 Resp: 16904
Ion Ratio Lower Upper
128 100
49 160.3 115.9 215.3
130 123.8 88.9 165.1
51 49.6 40.8 61.2





#25

Chloroform

Concen: 9.350 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

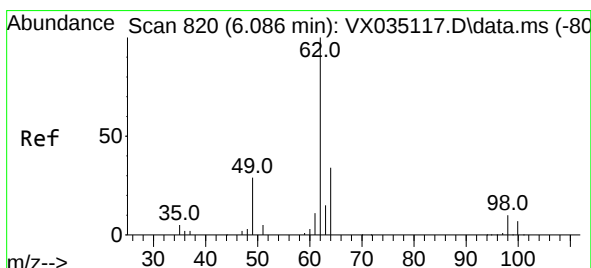
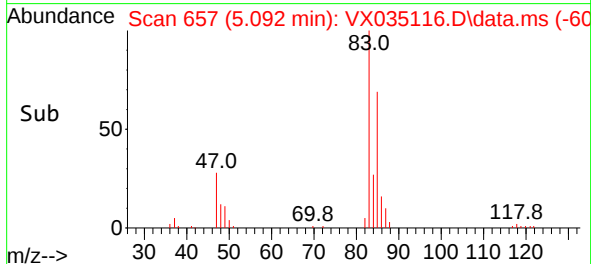
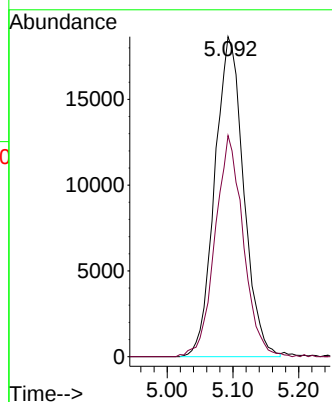
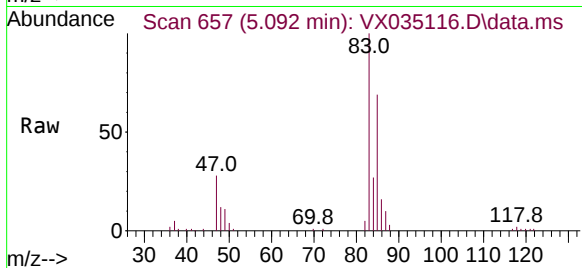
VSTD010633

Tgt Ion: 83 Resp: 56981

Ion Ratio Lower Upper

83 100

85 69.1 46.0 85.4



#27

1,2-Dichloroethane

Concen: 9.558 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX035116.D

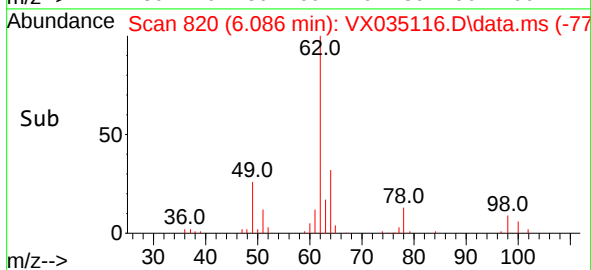
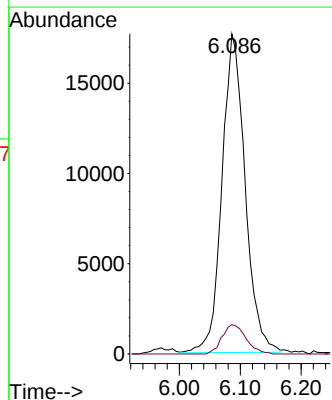
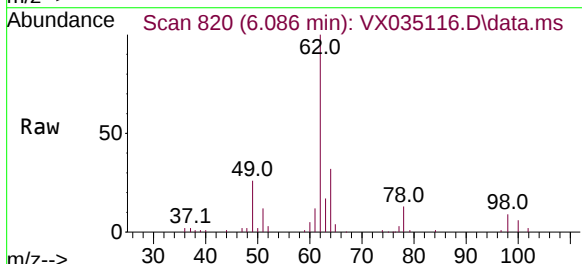
Acq: 18 Apr 2023 12:27

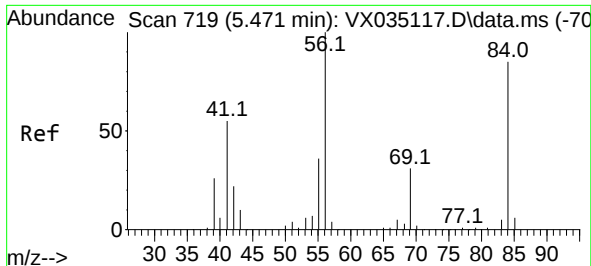
Tgt Ion: 62 Resp: 46653

Ion Ratio Lower Upper

62 100

98 9.1 7.8 11.8





#29

Cyclohexane

Concen: 9.666 ug/L

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD010633

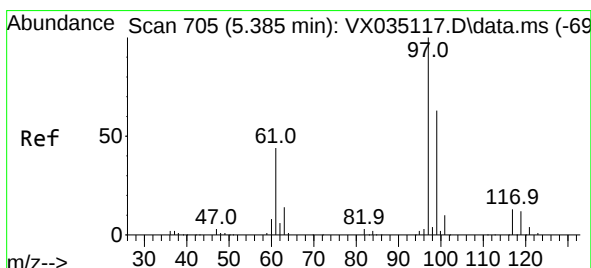
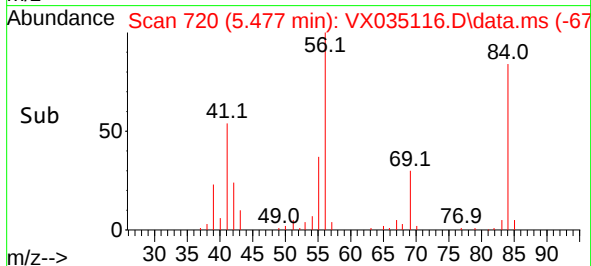
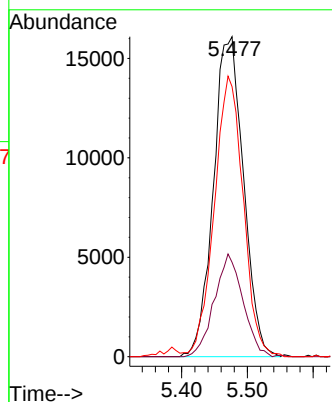
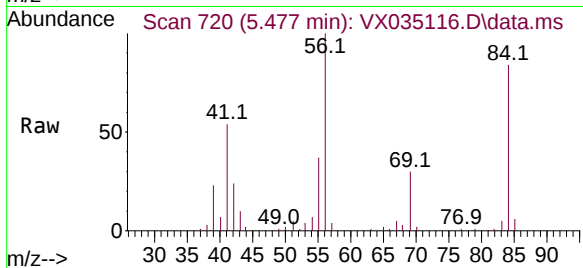
Tgt Ion: 56 Resp: 51169

Ion Ratio Lower Upper

56 100

69 30.5 25.1 37.7

84 82.5 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 9.190 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

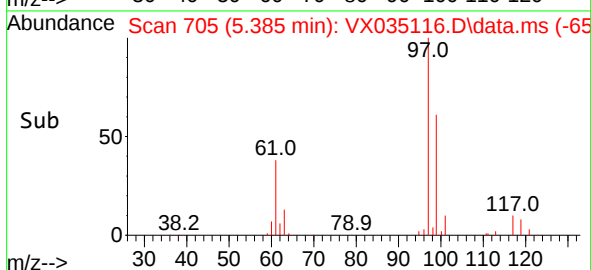
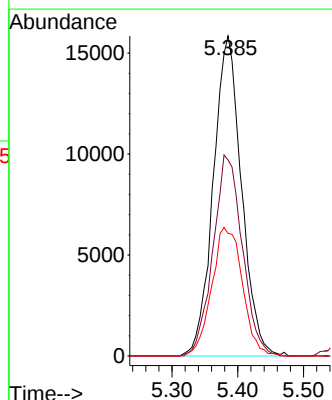
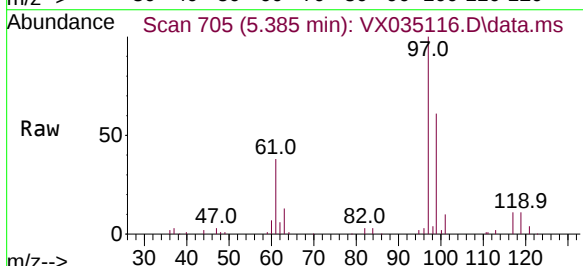
Tgt Ion: 97 Resp: 47226

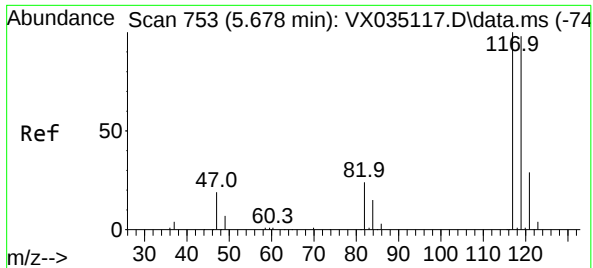
Ion Ratio Lower Upper

97 100

99 65.3 50.6 75.8

61 43.7 34.9 52.3

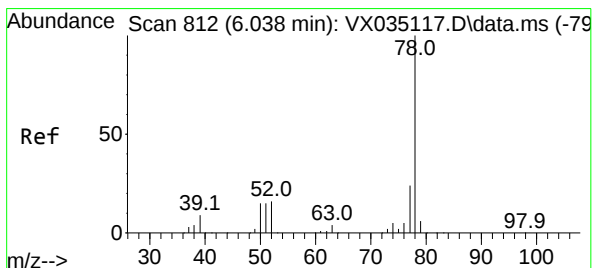
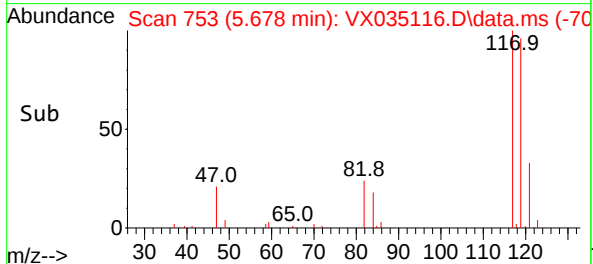
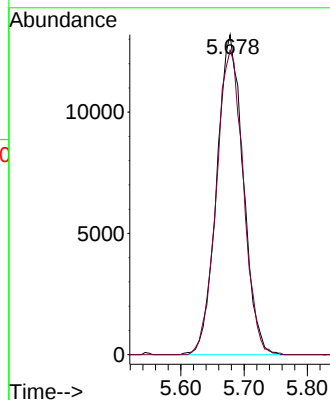
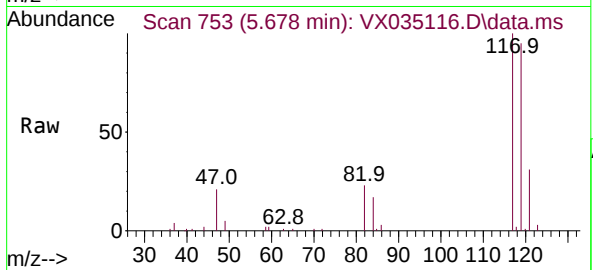




#31
Carbon tetrachloride
Concen: 8.777 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

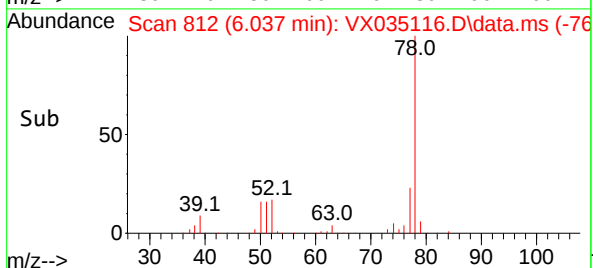
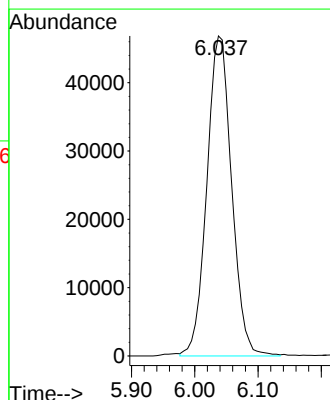
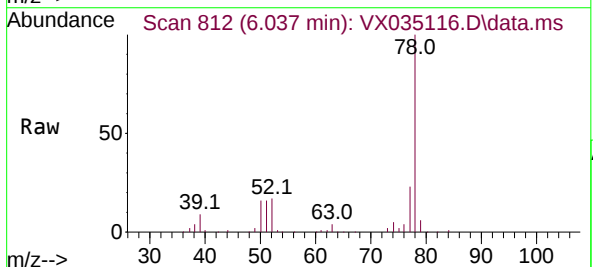
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

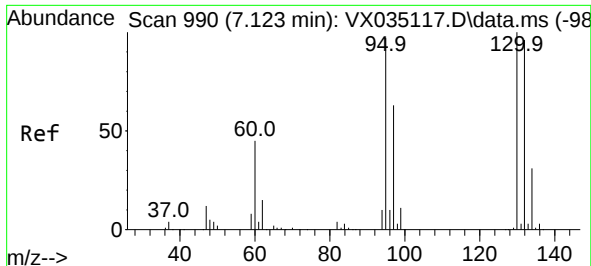
Tgt Ion:117 Resp: 38246
Ion Ratio Lower Upper
117 100
119 97.4 77.1 115.7



#33
Benzene
Concen: 9.624 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion: 78 Resp: 127702



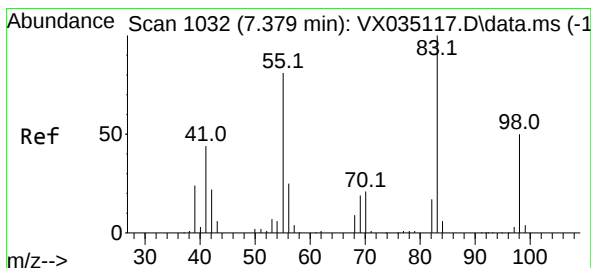
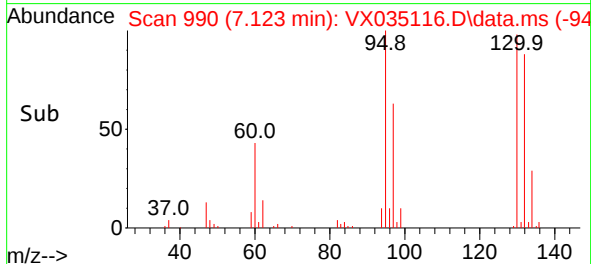
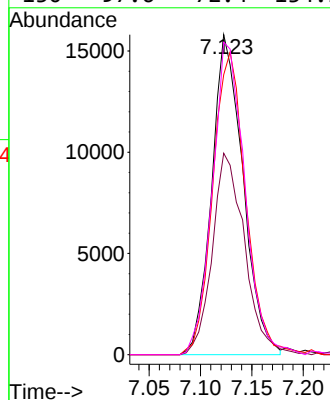
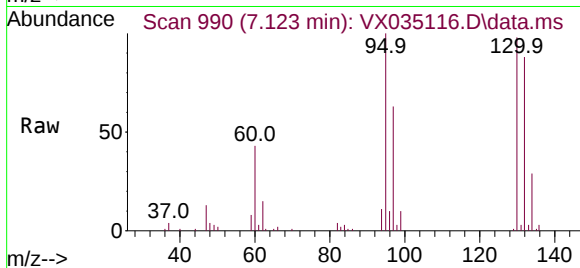


#34
Trichloroethene
Concen: 9.472 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

Tgt Ion: 95 Resp: 33431

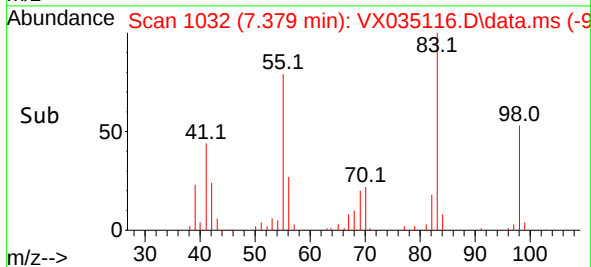
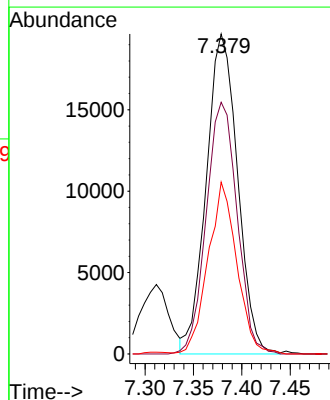
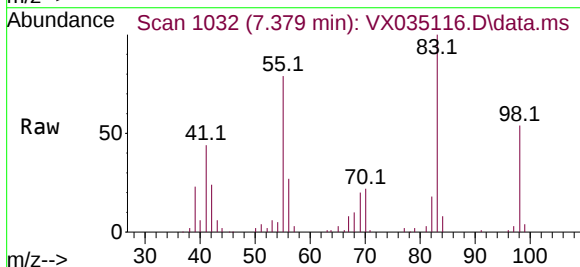
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.6	84.8
132	87.5	69.7	129.4
130	97.6	72.4	134.5

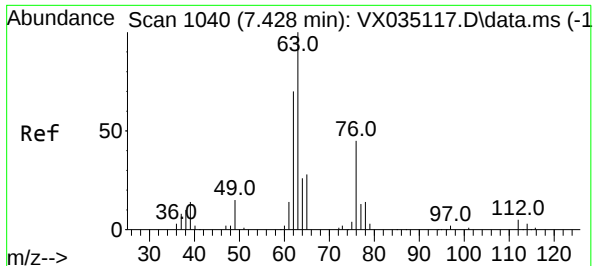


#35
Methylcyclohexane
Concen: 9.314 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion: 83 Resp: 44274

Ion	Ratio	Lower	Upper
83	100		
55	77.5	62.2	93.2
98	49.3	39.3	58.9





#37

1,2-Dichloropropane

Concen: 9.408 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

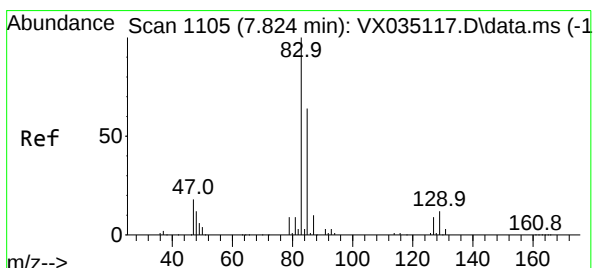
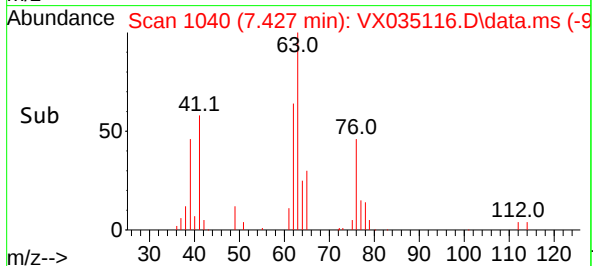
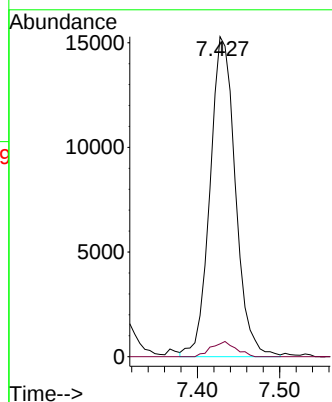
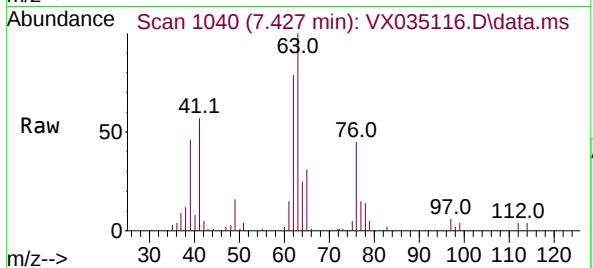
VSTD010633

Tgt Ion: 63 Resp: 32866

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 8.845 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

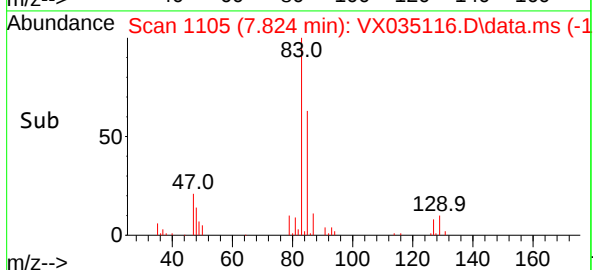
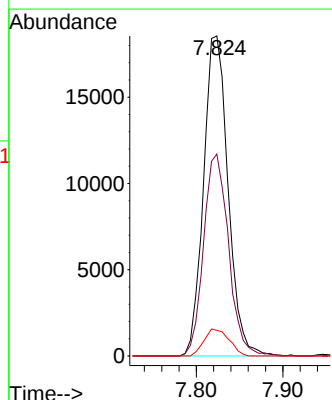
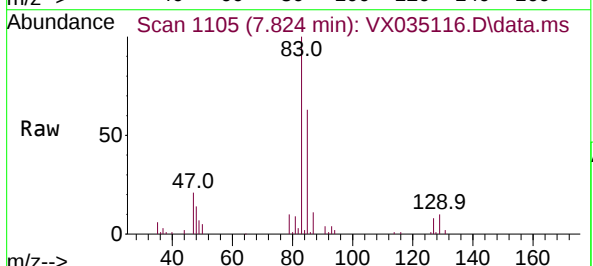
Tgt Ion: 83 Resp: 36509

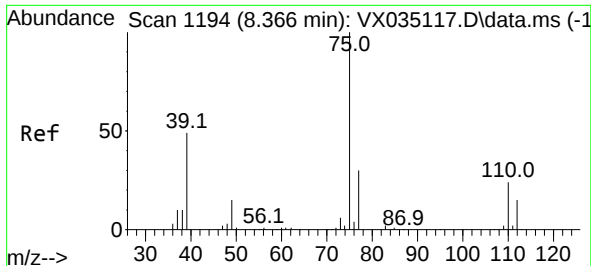
Ion Ratio Lower Upper

83 100

85 63.1 44.7 82.9

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 8.550 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

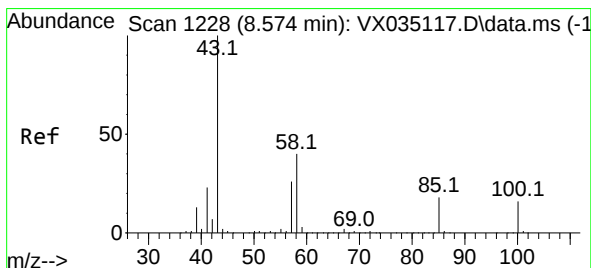
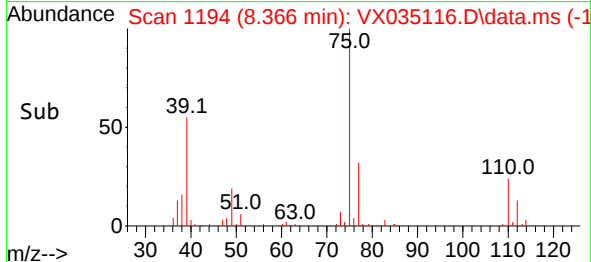
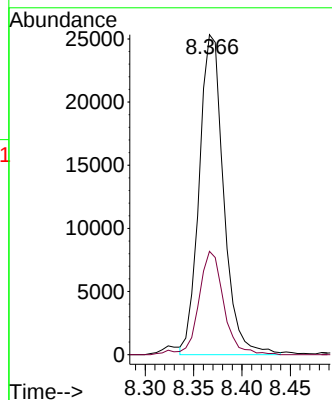
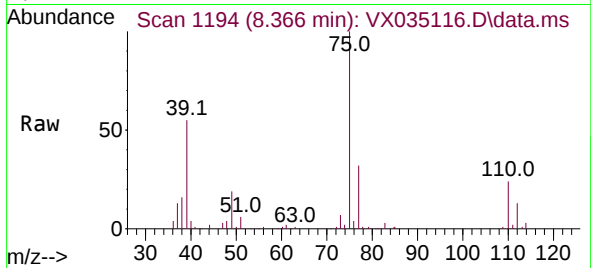
VSTD010633

Tgt Ion: 75 Resp: 44660

Ion Ratio Lower Upper

75 100

77 32.3 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 19.361 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

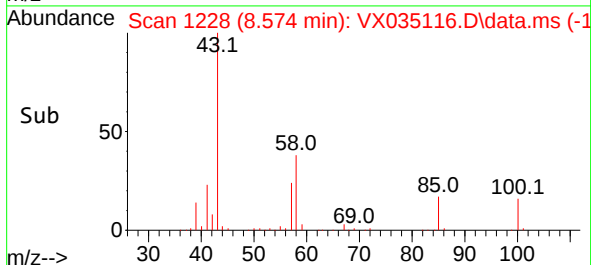
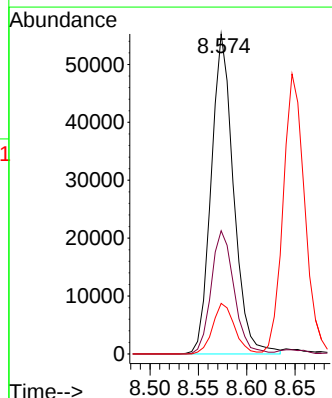
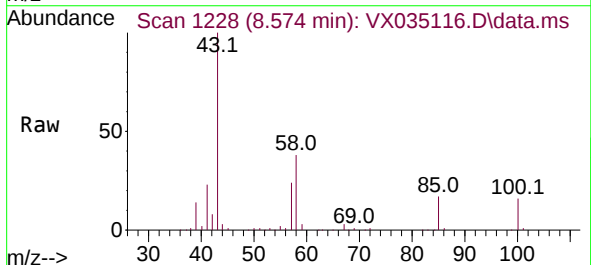
Tgt Ion: 43 Resp: 89154

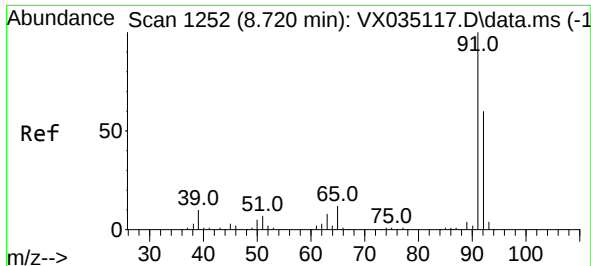
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 15.5 12.8 19.2





#42

Toluene

Concen: 9.661 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

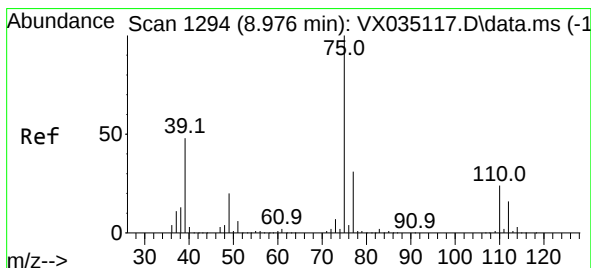
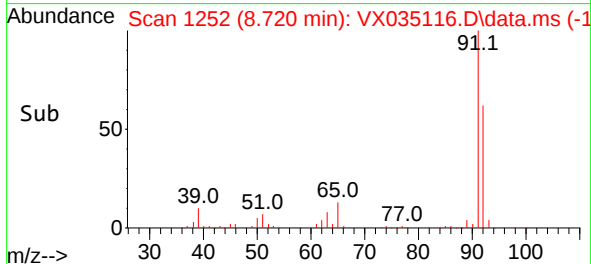
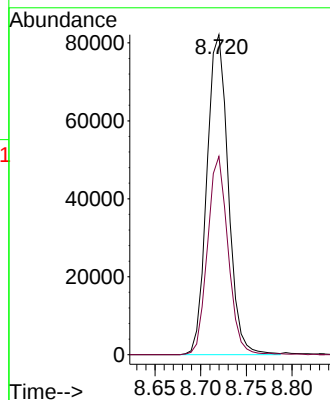
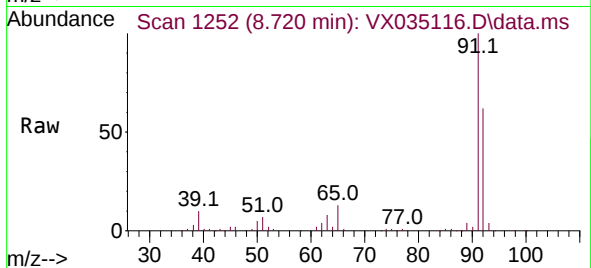
VSTD010633

Tgt Ion: 91 Resp: 132999

Ion Ratio Lower Upper

91 100

92 62.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 8.249 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX035116.D

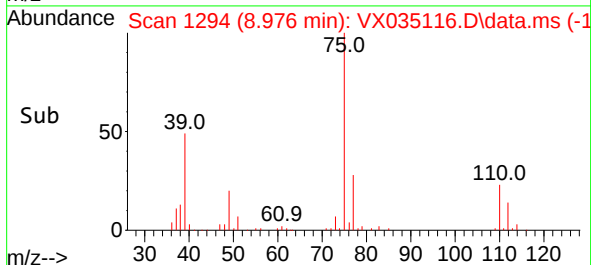
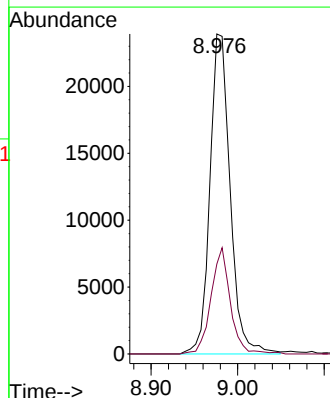
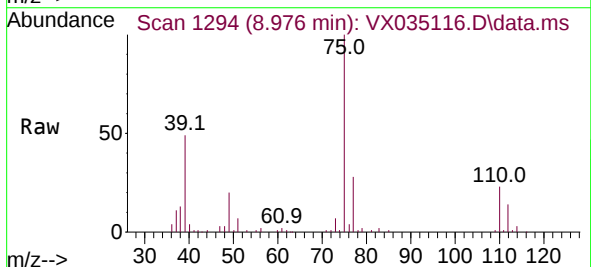
Acq: 18 Apr 2023 12:27

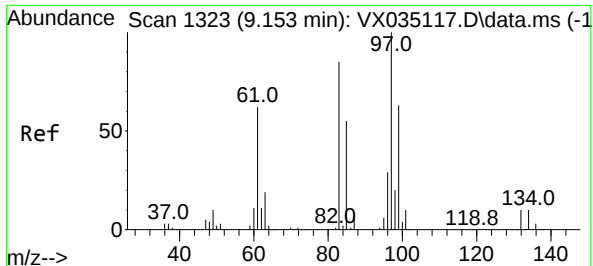
Tgt Ion: 75 Resp: 38825

Ion Ratio Lower Upper

75 100

77 28.1 22.0 40.8

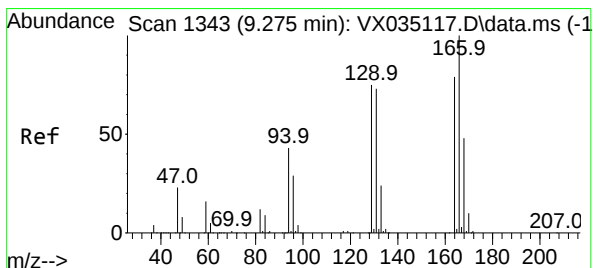
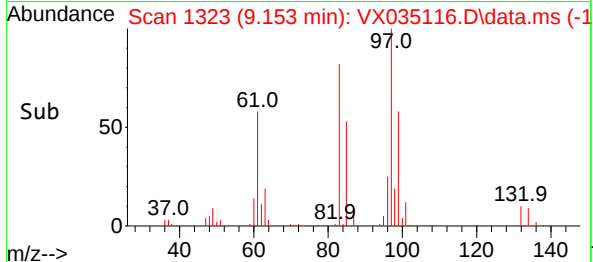
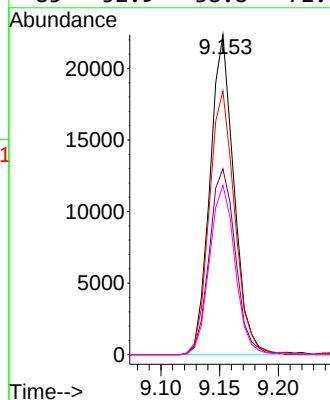
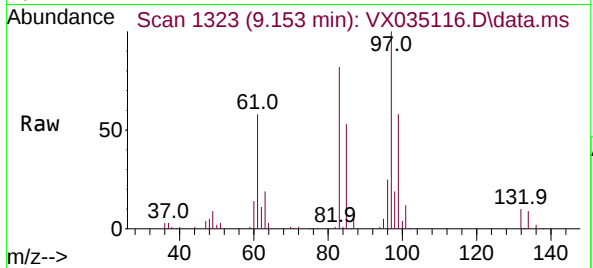




#45
1,1,2-Trichloroethane
Concen: 9.605 ug/L
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

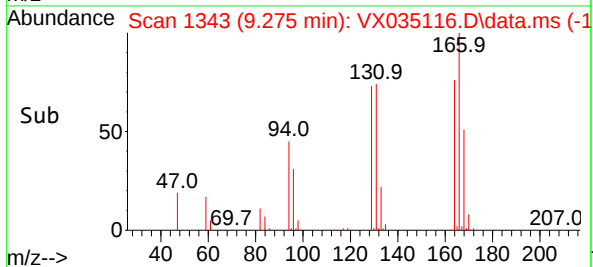
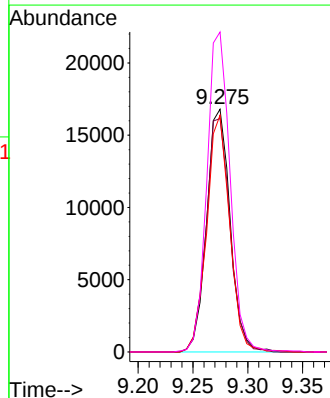
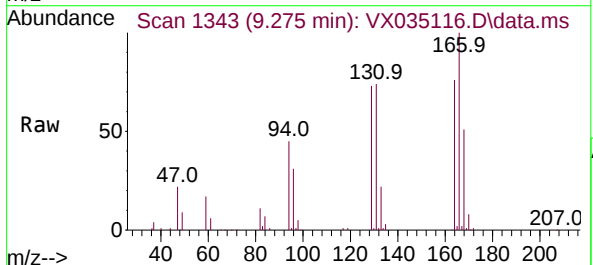
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

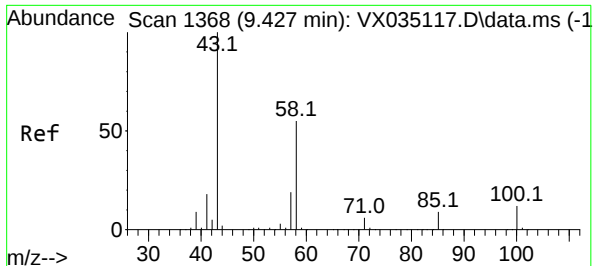
Tgt Ion: 97	Resp: 31839
Ion Ratio	Lower Upper
97 100	
99 58.1	43.8 81.4
83 82.4	59.8 111.0
85 52.9	38.8 72.0



#46
Tetrachloroethene
Concen: 9.542 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt	Ion:164	Resp:	25087
Ion	Ratio	Lower	Upper
164	100		
129	96.2	66.1	122.8
131	97.6	65.0	120.8
166	131.9	88.6	164.6





#48

2-Hexanone

Concen: 19.653 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD010633

Tgt Ion: 43 Resp: 68715

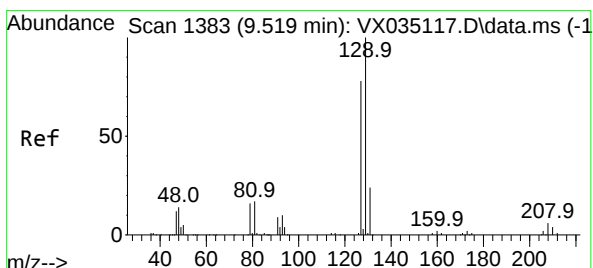
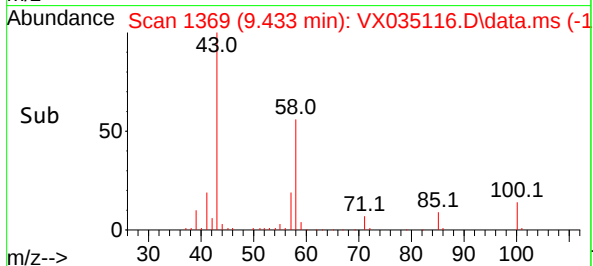
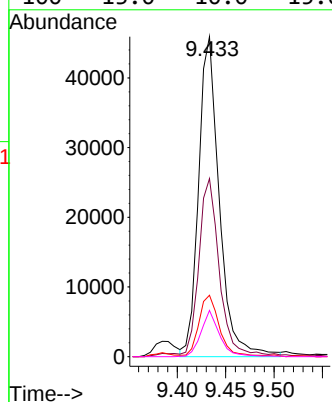
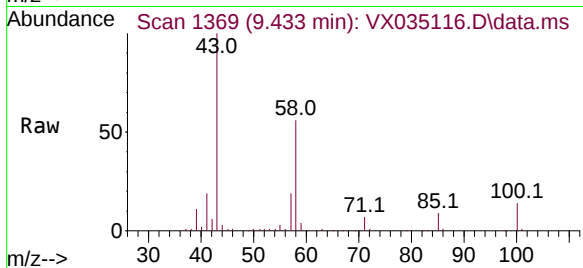
Ion Ratio Lower Upper

43 100

58 54.8 43.2 64.8

57 19.1 15.4 23.0

100 13.0 10.0 15.0



#49

Dibromochloromethane

Concen: 8.541 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035116.D

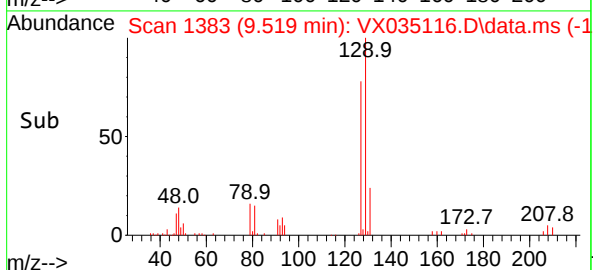
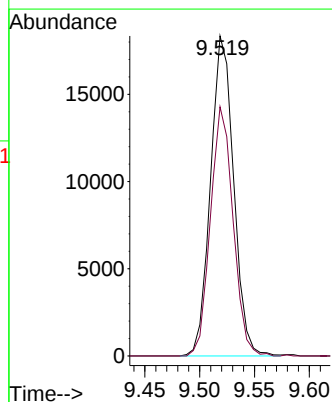
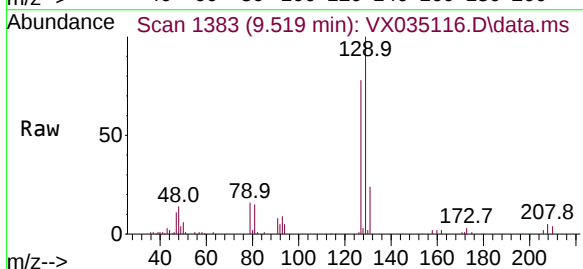
Acq: 18 Apr 2023 12:27

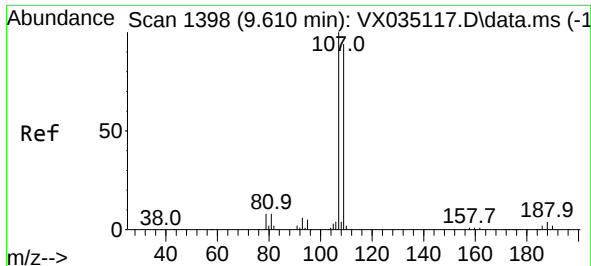
Tgt Ion: 129 Resp: 26906

Ion Ratio Lower Upper

129 100

127 77.9 54.8 101.8





#50

1,2-Dibromoethane

Concen: 9.399 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD010633

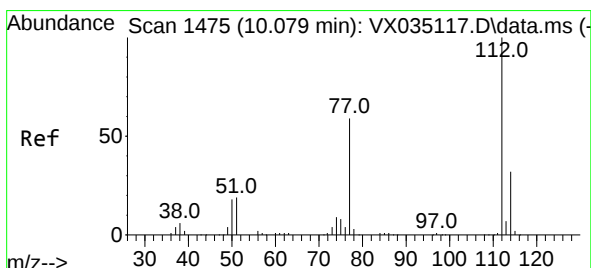
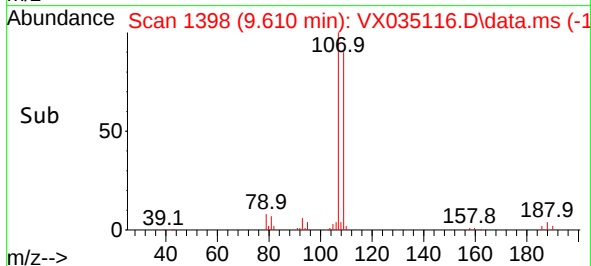
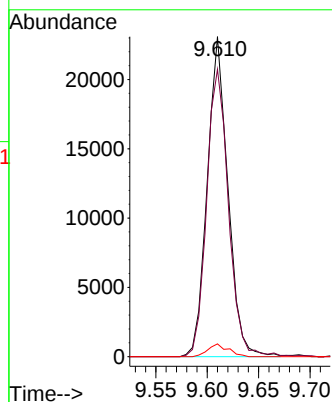
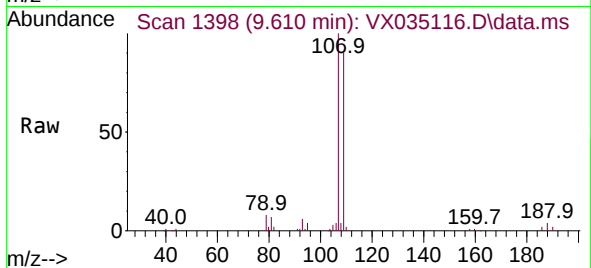
Tgt Ion:107 Resp: 32418

Ion Ratio Lower Upper

107 100

109 89.8 65.6 121.8

188 4.0 3.3 4.9



#51

Chlorobenzene

Concen: 9.674 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

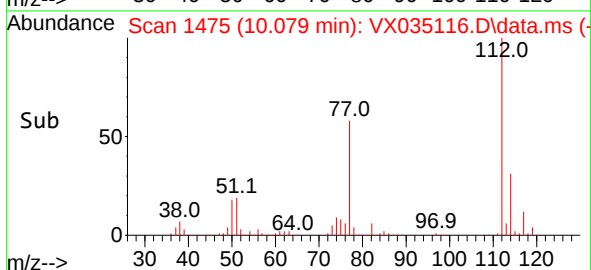
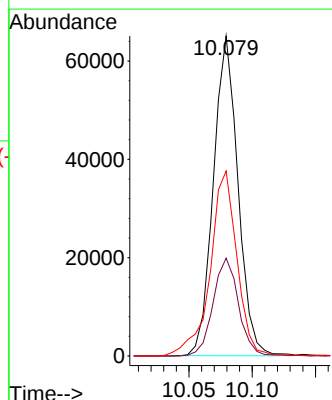
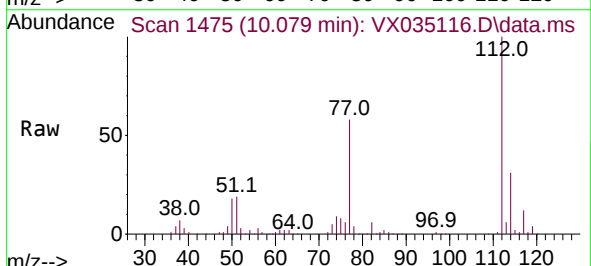
Tgt Ion:112 Resp: 87736

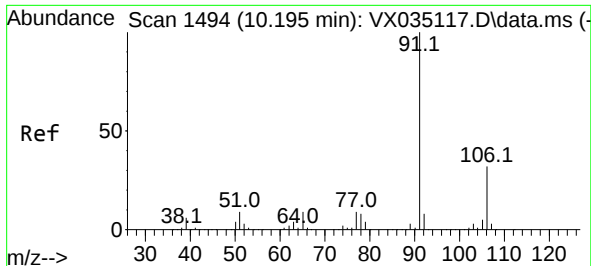
Ion Ratio Lower Upper

112 100

114 30.6 22.4 41.6

77 57.8 47.0 70.6

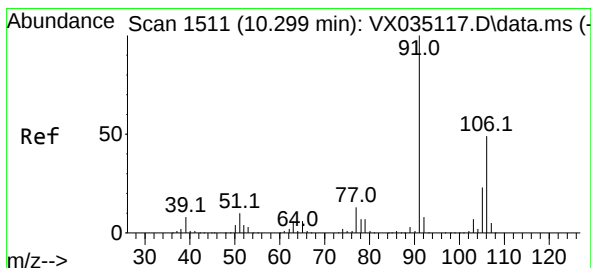
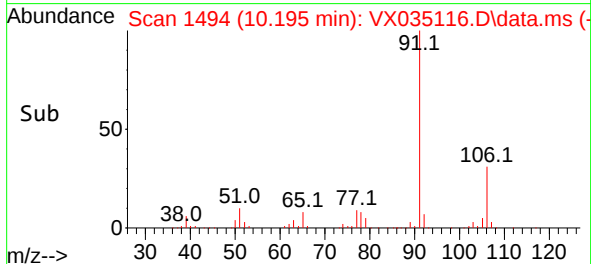
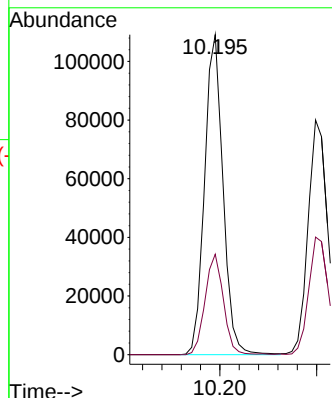
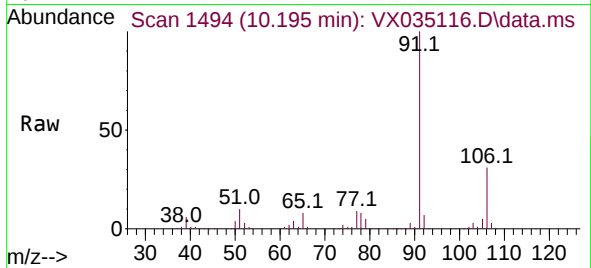




#52
Ethylbenzene
Concen: 9.515 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

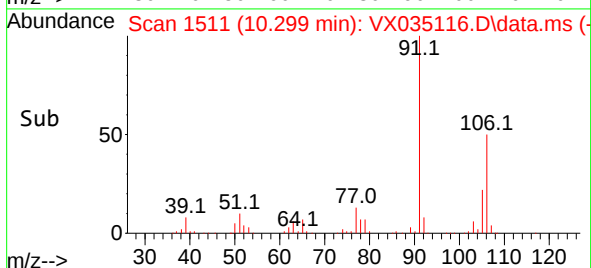
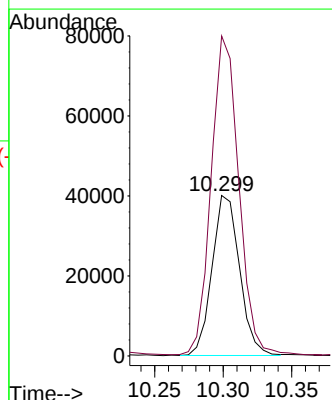
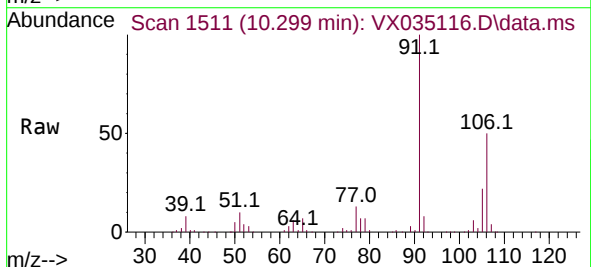
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

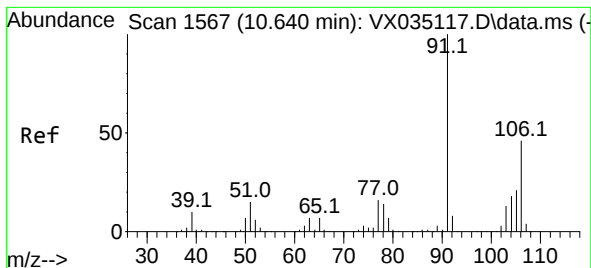
Tgt Ion: 91 Resp: 144791
Ion Ratio Lower Upper
91 100
106 31.4 22.6 42.0



#53
m,p-Xylene
Concen: 9.577 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion: 106 Resp: 55807
Ion Ratio Lower Upper
106 100
91 199.4 142.7 264.9





#54

o-Xylene

Concen: 9.468 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

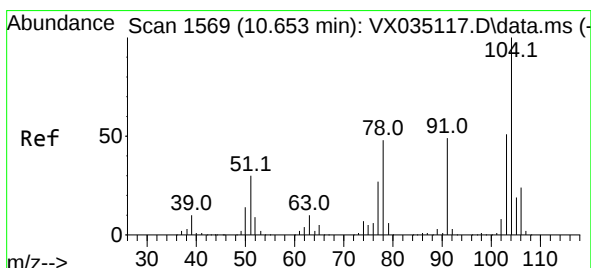
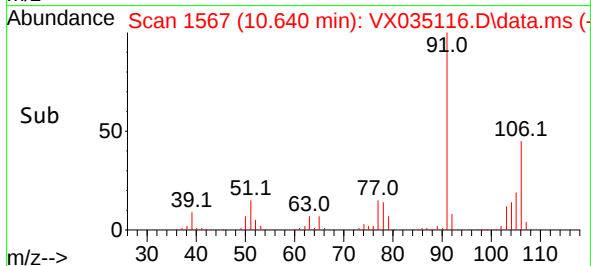
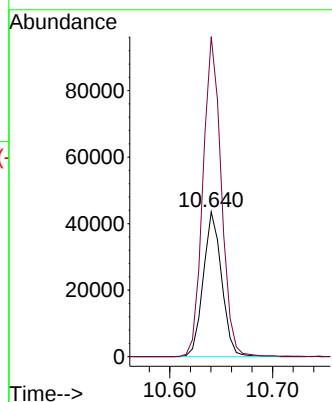
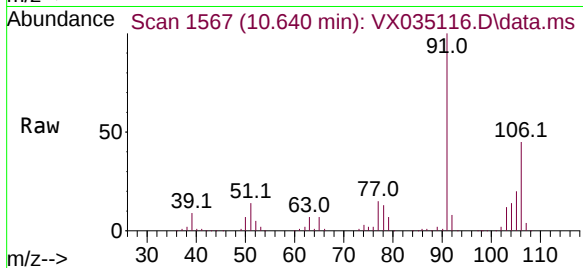
VSTD010633

Tgt Ion:106 Resp: 54241

Ion Ratio Lower Upper

106 100

91 221.1 153.9 285.7



#55

Styrene

Concen: 9.366 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX035116.D

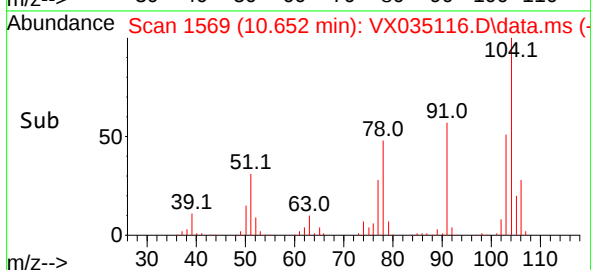
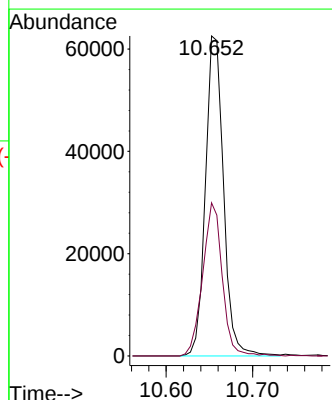
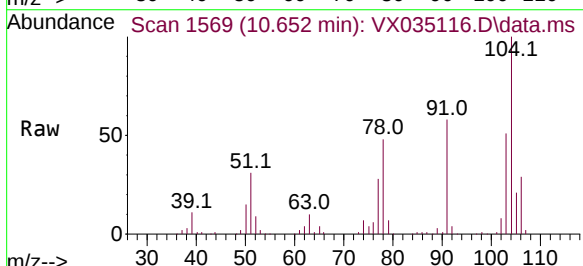
Acq: 18 Apr 2023 12:27

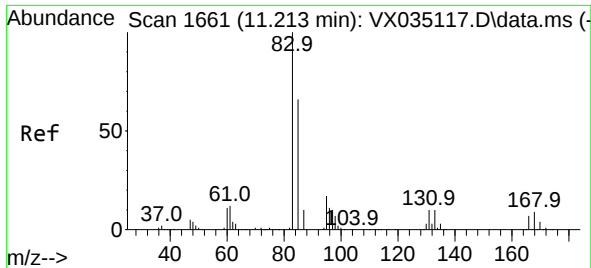
Tgt Ion:104 Resp: 90914

Ion Ratio Lower Upper

104 100

78 47.8 33.5 62.3

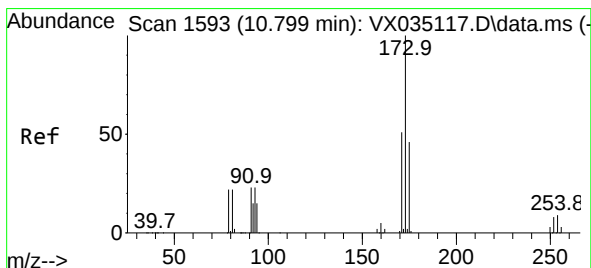
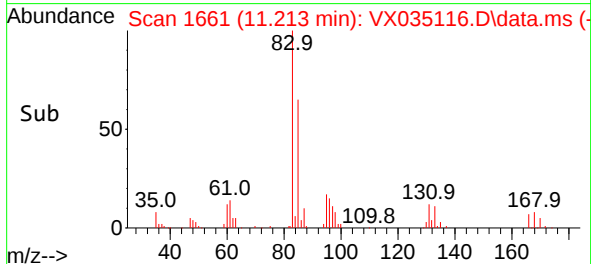
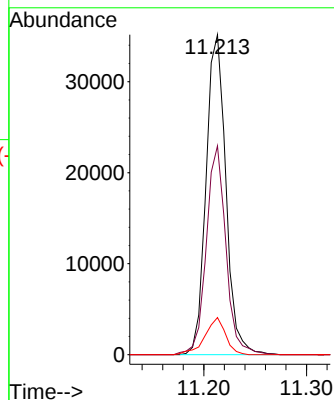
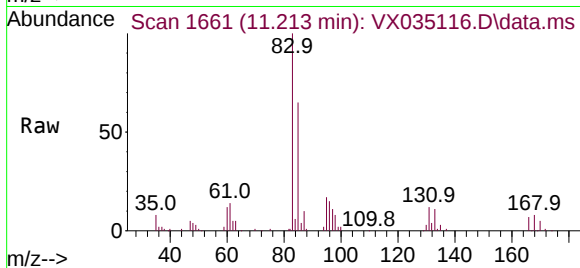




#57
1,1,2,2-Tetrachloroethane
Concen: 9.654 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

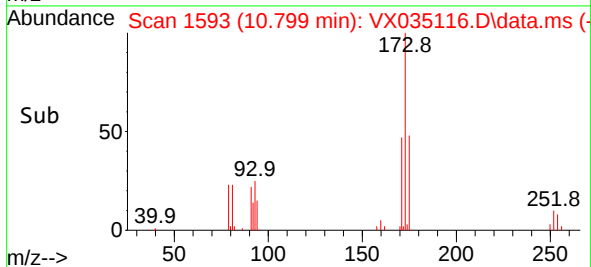
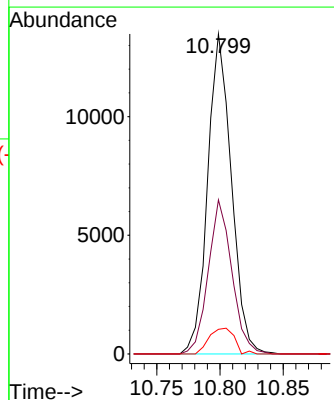
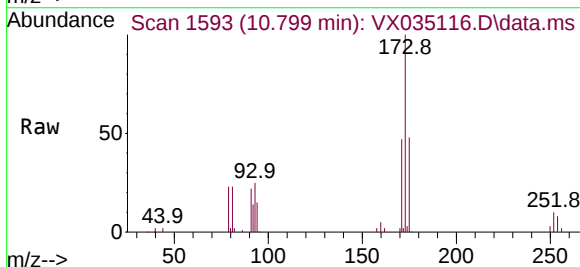
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

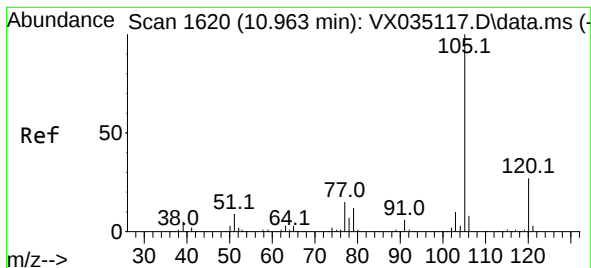
Tgt Ion:	83	Resp:	47165
Ion	Ratio	Lower	Upper
83	100		
85	65.3	46.0	85.4
131	11.6	8.3	12.5



#59
Bromoform
Concen: 8.280 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion:	173	Resp:	17597
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.2	57.4
254	8.3	7.4	11.0





#60

Isopropylbenzene

Concen: 9.775 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD010633

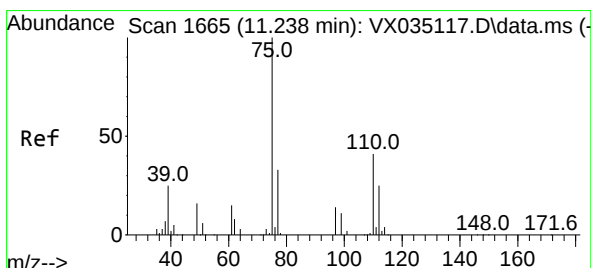
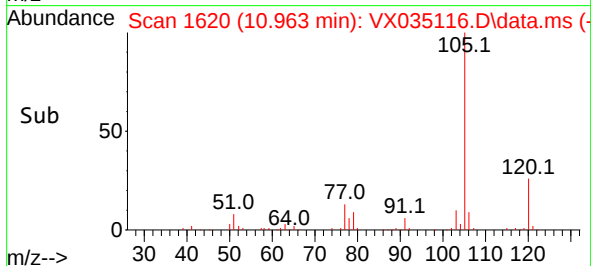
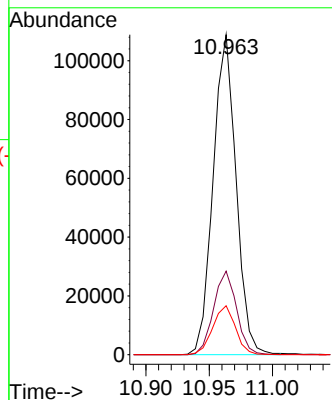
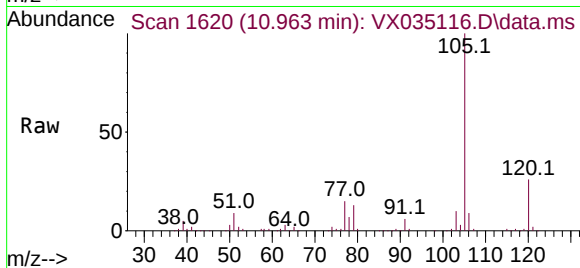
Tgt Ion:105 Resp: 137225

Ion Ratio Lower Upper

105 100

120 26.1 21.5 32.3

77 15.2 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 9.972 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

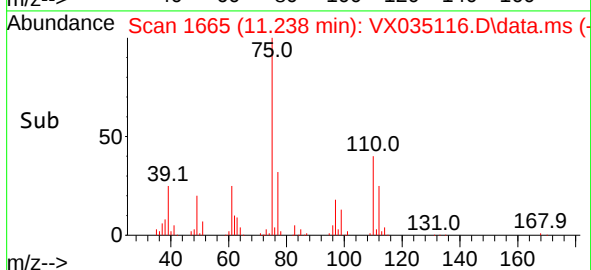
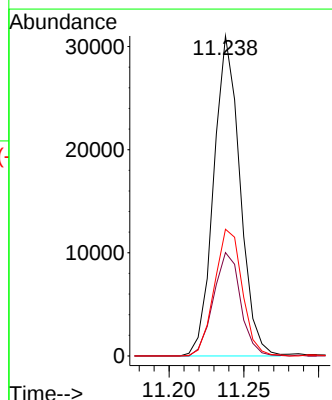
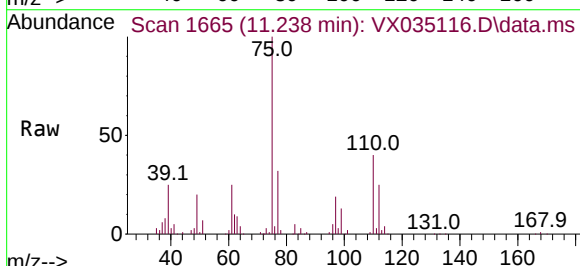
Tgt Ion: 75 Resp: 38012

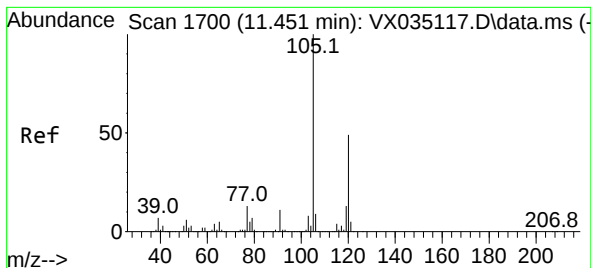
Ion Ratio Lower Upper

75 100

77 33.2 25.6 38.4

110 41.7 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 9.634 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

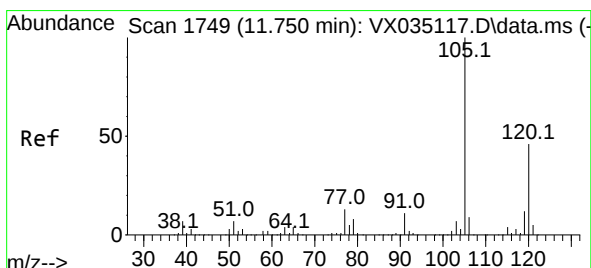
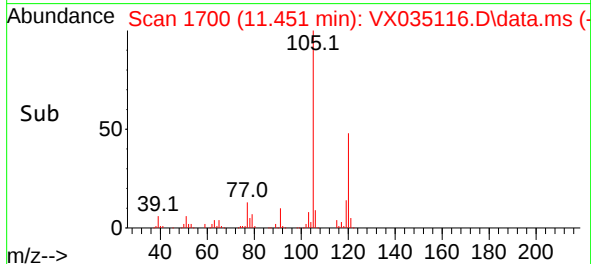
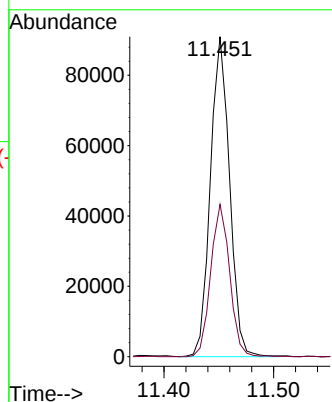
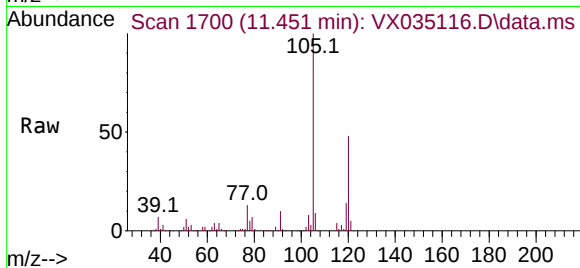
VSTD010633

Tgt Ion:105 Resp: 110604

Ion Ratio Lower Upper

105 100

120 46.9 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 9.541 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035116.D

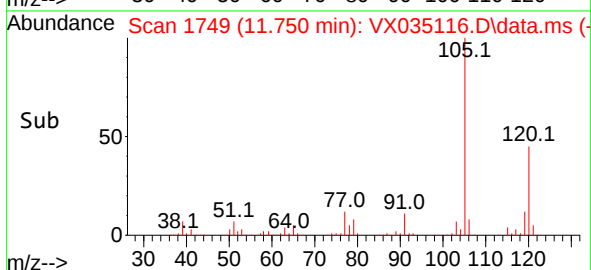
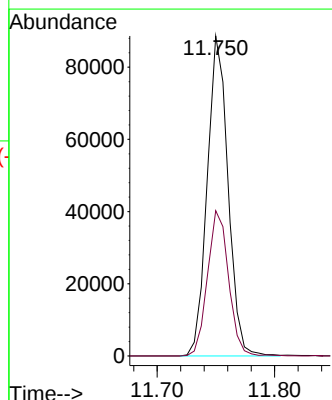
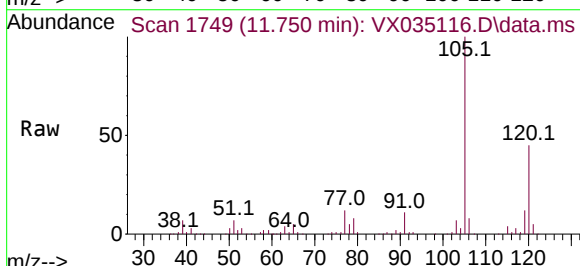
Acq: 18 Apr 2023 12:27

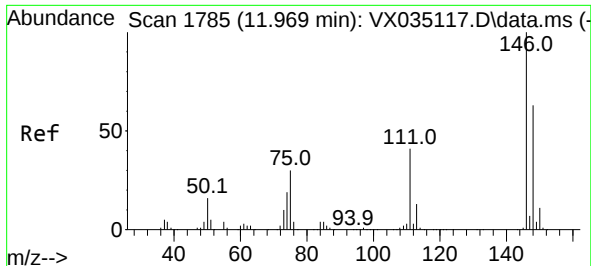
Tgt Ion:105 Resp: 108916

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

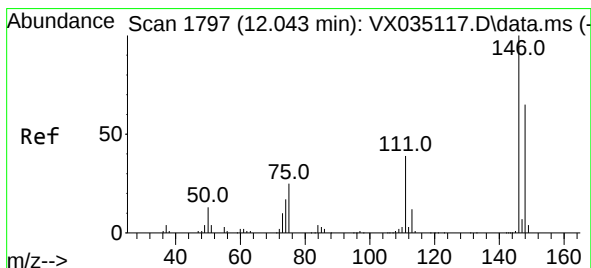
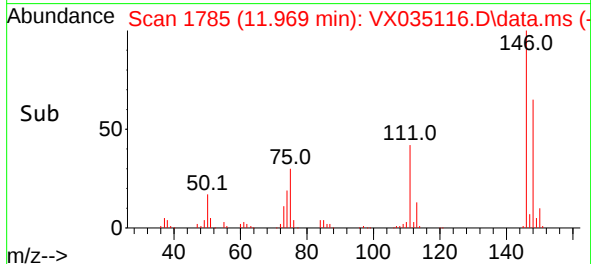
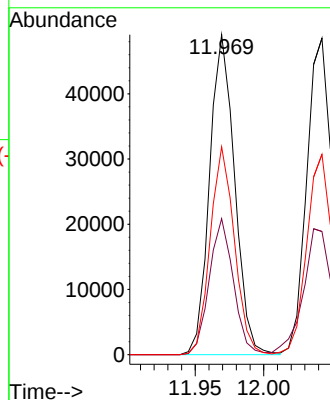
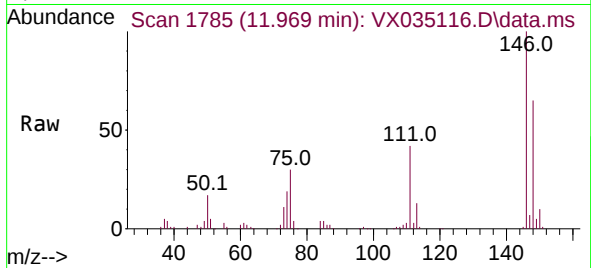




#64
1,3-Dichlorobenzene
Concen: 9.739 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

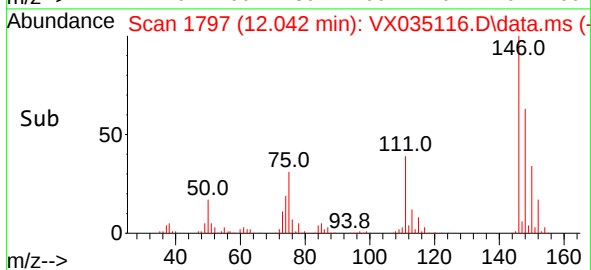
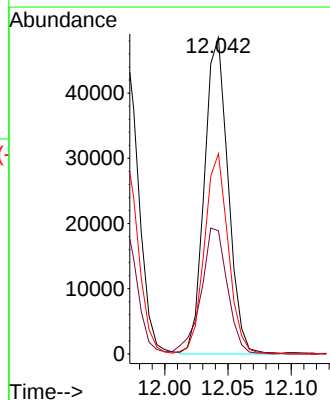
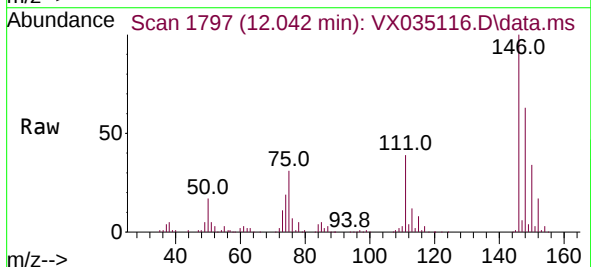
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

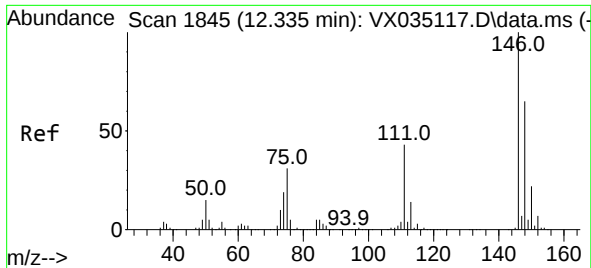
Tgt Ion:146 Resp: 62356
Ion Ratio Lower Upper
146 100
111 42.5 28.9 53.7
148 64.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 9.680 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion:146 Resp: 63420
Ion Ratio Lower Upper
146 100
111 38.9 27.9 51.7
148 63.3 45.9 85.3

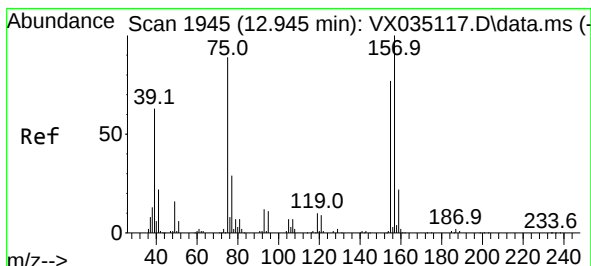
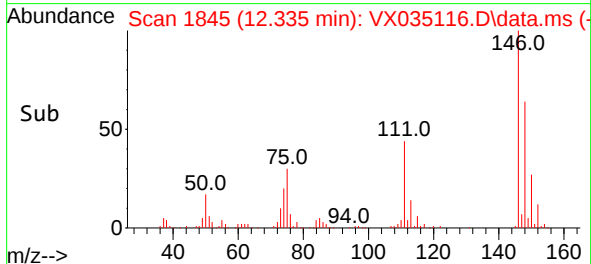
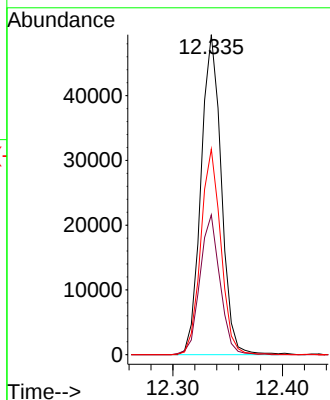
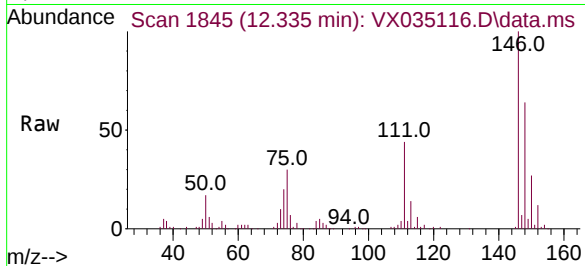




#67
1,2-Dichlorobenzene
Concen: 9.765 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

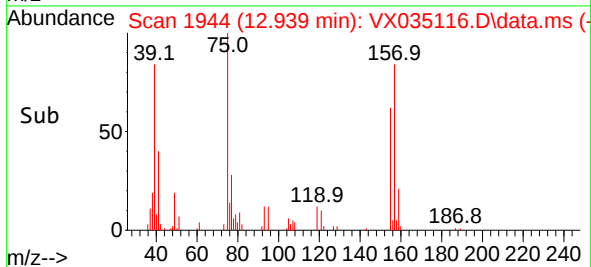
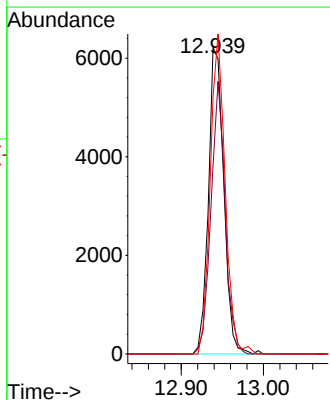
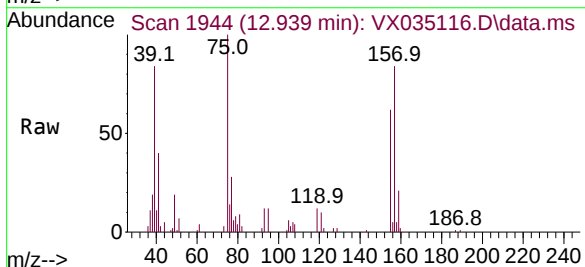
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

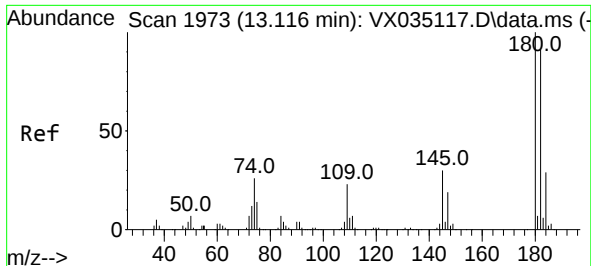
Tgt Ion:146 Resp: 63394
Ion Ratio Lower Upper
146 100
111 43.7 34.7 52.1
148 64.3 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 8.569 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion: 75 Resp: 8060
Ion Ratio Lower Upper
75 100
155 61.6 69.9 104.9#
157 84.0 90.4 135.6#

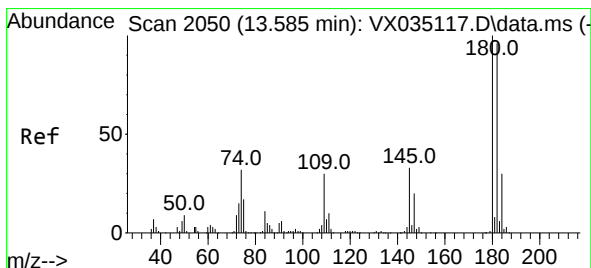
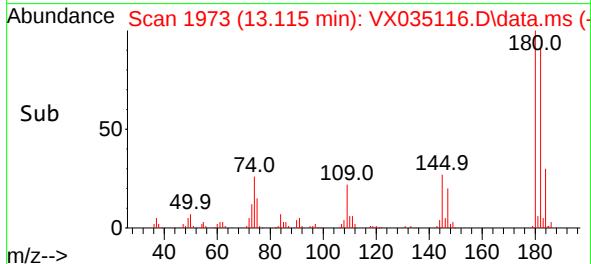
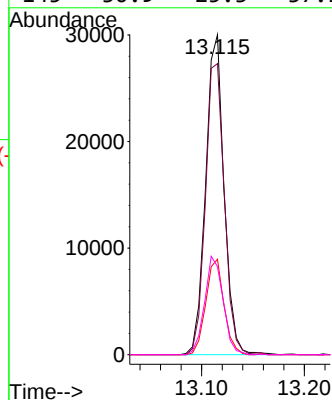
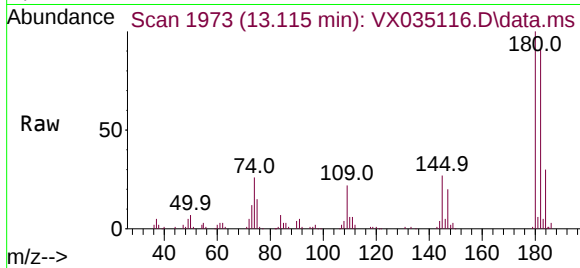




#69
1,3,5-Trichlorobenzene
Concen: 9.449 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

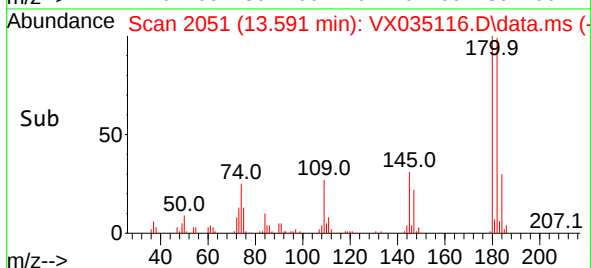
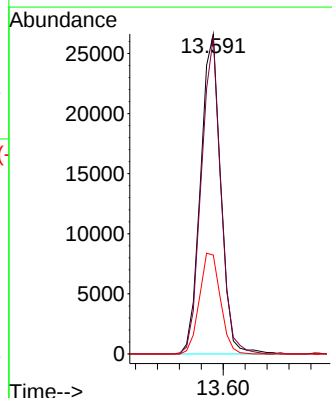
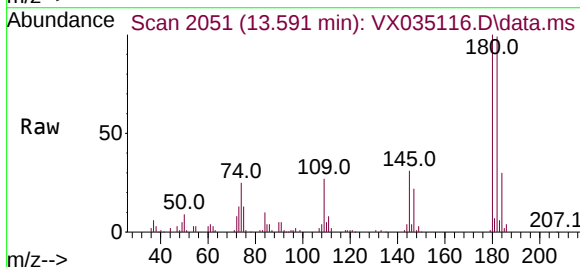
Instrument :
MSVOA_X
ClientSampleId :
VSTD010633

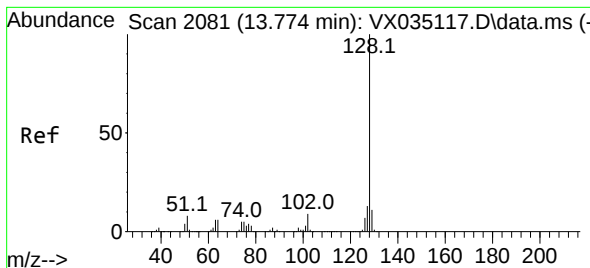
Tgt Ion:180	Resp:	37400
Ion Ratio	Lower	Upper
180	100	
182	93.2	75.4 113.0
184	29.6	23.8 35.8
145	30.9	25.3 37.9



#70
1,2,4-trichlorobenzene
Concen: 9.168 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035116.D
Acq: 18 Apr 2023 12:27

Tgt Ion:180	Resp:	33979
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.6 114.8
145	32.7	26.2 39.4





#71

Naphthalene

Concen: 9.449 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD010633

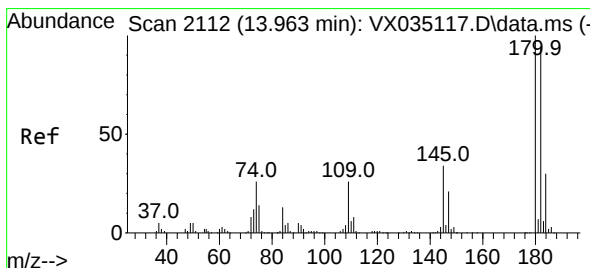
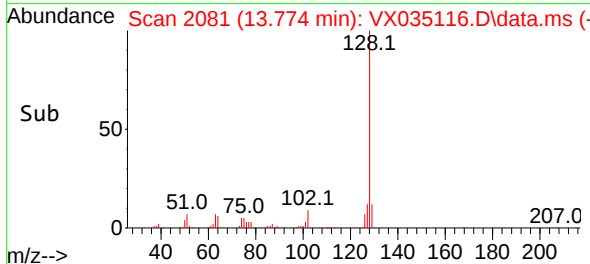
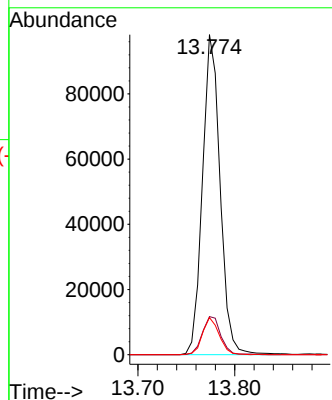
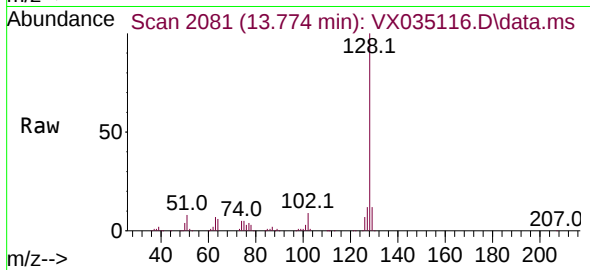
Tgt Ion:128 Resp: 124750

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 9.609 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035116.D

Acq: 18 Apr 2023 12:27

Tgt Ion:180 Resp: 35157

Ion Ratio Lower Upper

180 100

182 93.1 75.0 112.6

145 34.5 27.1 40.7

