

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035122.D
 Acq On : 18 Apr 2023 14:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050627

Quant Time: Apr 19 00:46:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	504976	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	442043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	217926	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	156920	48.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.380%
7) Chloroethane-d5	1.672	69	116422	49.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.960%
11) 1,1-Dichloroethene-d2	2.306	65	76667	49.209	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.420%
21) 2-Butanone-d5	4.459	46	233814	107.756	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.760%
24) Chloroform-d	5.056	84	311096	50.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.460%
26) 1,2-Dichloroethane-d4	5.952	65	199774	50.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.460%
32) Benzene-d6	5.970	84	636482	50.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
36) 1,2-Dichloropropane-d6	7.306	67	196622	50.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.380%
41) Toluene-d8	8.647	98	585175	50.423	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.840%
43) trans-1,3-Dichloroprop...	8.952	79	90574	53.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.860%
47) 2-Hexanone-d5	9.384	63	172210	110.558	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.560%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	249430	52.508	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	212951	50.425	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	197049	52.066	ug/L	100
3) Chloromethane	1.294	50	177424	51.514	ug/L	100
5) Vinyl chloride	1.374	62	179976	50.354	ug/L	98
6) Bromomethane	1.618	94	110384	51.999	ug/L	99
8) Chloroethane	1.691	64	103310	51.826	ug/L	94
9) Trichlorofluoromethane	1.886	101	253649	52.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	177095	53.558	ug/L	99
12) 1,1-Dichloroethene	2.319	96	155637	51.588	ug/L	98
13) Acetone	2.392	43	176187	109.478	ug/L	100
14) Carbon disulfide	2.514	76	397612	53.344	ug/L	99
15) Methyl Acetate	2.703	43	186704	54.157	ug/L	99
16) Methylene chloride	2.788	84	175185	52.151	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	161947	52.130	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	576596	53.669	ug/L	100
19) 1,1-Dichloroethane	3.611	63	315859	52.744	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	188995	52.035	ug/L	99
22) 2-Butanone	4.562	43	279882	113.302	ug/L	99
23) Bromochloromethane	4.897	128	94214	52.372	ug/L	99
25) Chloroform	5.093	83	322955	53.190	ug/L	100

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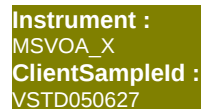
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
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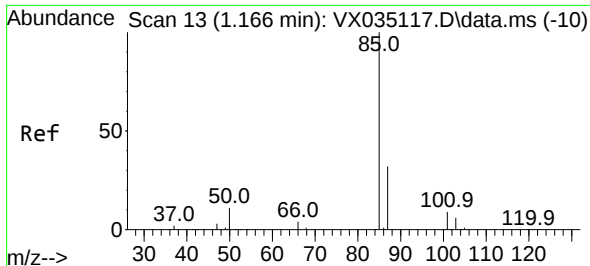
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	259163	53.292	ug/L	100
29) Cyclohexane	5.471	56	277724	51.998	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	272945	52.647	ug/L	99
31) Carbon tetrachloride	5.678	117	237794	54.091	ug/L	100
33) Benzene	6.038	78	702102	52.448	ug/L	100
34) Trichloroethene	7.123	95	186951	52.499	ug/L	96
35) Methylcyclohexane	7.379	83	255026	53.178	ug/L	99
37) 1,2-Dichloropropane	7.428	63	188949	53.611	ug/L	100
38) Bromodichloromethane	7.818	83	225892	54.245	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	293967	55.782	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	513386	110.500	ug/L	100
42) Toluene	8.720	91	734108	52.856	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	272028	57.289	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	181853	54.375	ug/L	99
46) Tetrachloroethene	9.275	164	143663	54.160	ug/L	98
48) 2-Hexanone	9.427	43	398817	113.060	ug/L	99
49) Dibromochloromethane	9.519	129	178470	56.151	ug/L	100
50) 1,2-Dibromoethane	9.610	107	190915	54.861	ug/L	100
51) Chlorobenzene	10.079	112	481539	52.626	ug/L	100
52) Ethylbenzene	10.195	91	822990	53.604	ug/L	99
53) m,p-Xylene	10.299	106	317263	53.964	ug/L	98
54) o-Xylene	10.640	106	311021	53.808	ug/L	99
55) Styrene	10.653	104	534402	54.568	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	271016	54.985	ug/L	100
59) Bromoform	10.799	173	123603	55.098	ug/L	100
60) Isopropylbenzene	10.963	105	783598	52.881	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	212716	52.868	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	648507	53.514	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	652451	54.146	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	359592	53.207	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	365566	52.861	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	362111	52.843	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	55606	56.009	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	230715	55.220	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	219458	56.096	ug/L	98
71) Naphthalene	13.774	128	774770	55.597	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	214649	55.577	ug/L	100

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

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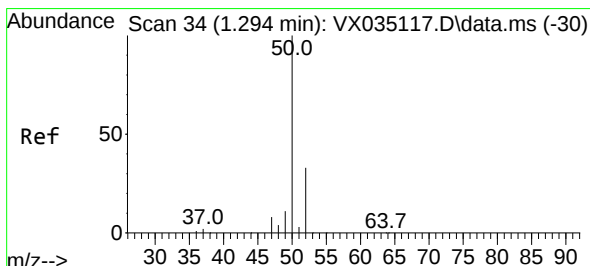
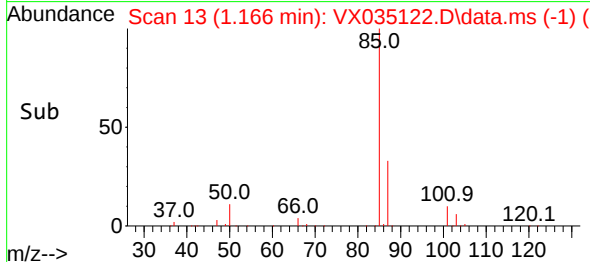
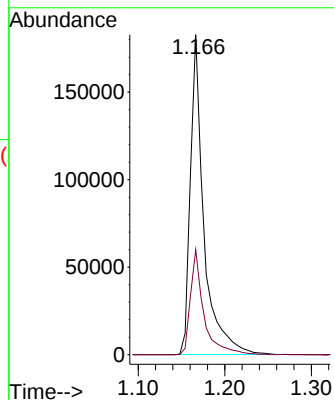
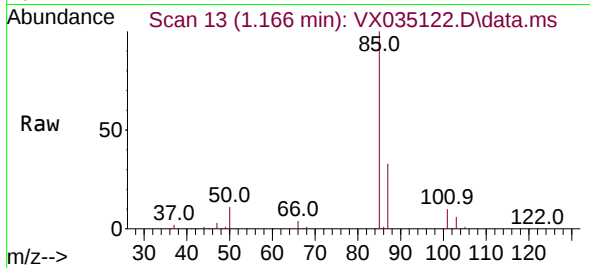




#2
 Dichlorodifluoromethane
 Concen: 52.066 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035122.D
 Acq: 18 Apr 2023 14:47

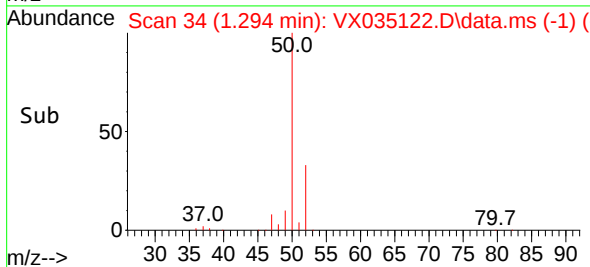
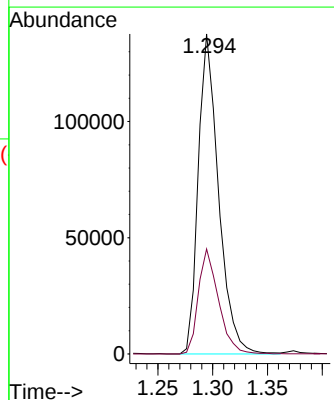
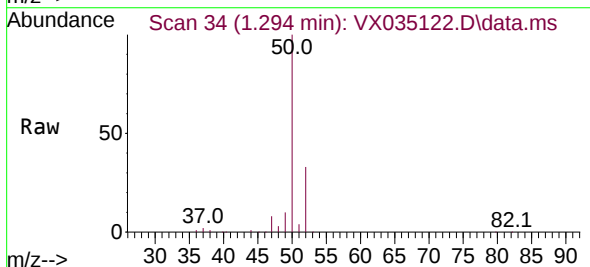
Instrument :
 MSVOA_X
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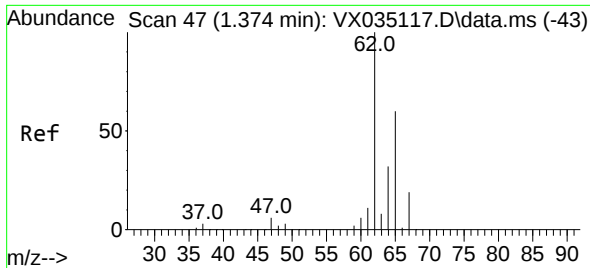
Tgt Ion: 85 Resp: 197049
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.4



#3
 Chloromethane
 Concen: 51.514 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX035122.D
 Acq: 18 Apr 2023 14:47

Tgt Ion: 50 Resp: 177424
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6

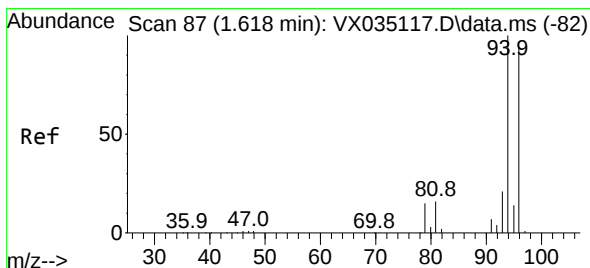
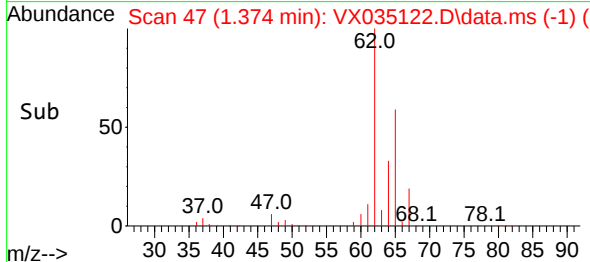
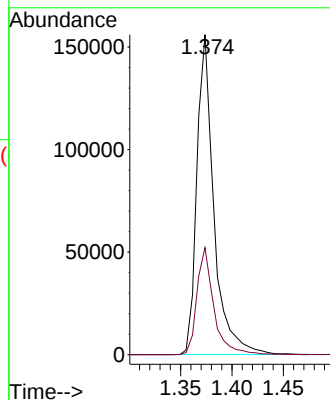
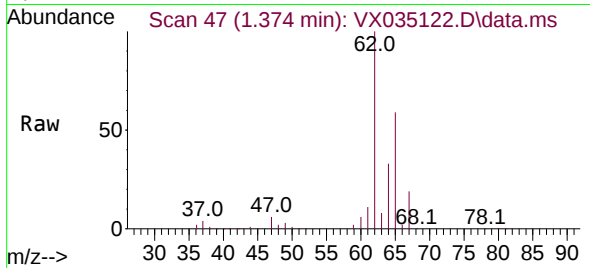




#5
 Vinyl chloride
 Concen: 50.354 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035122.D
 Acq: 18 Apr 2023 14:47

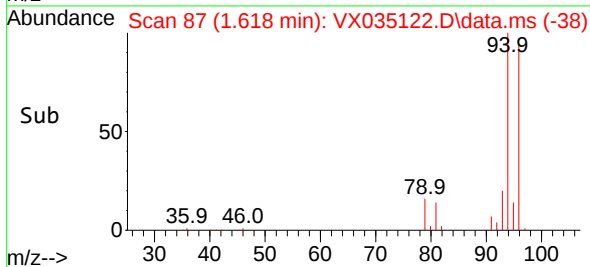
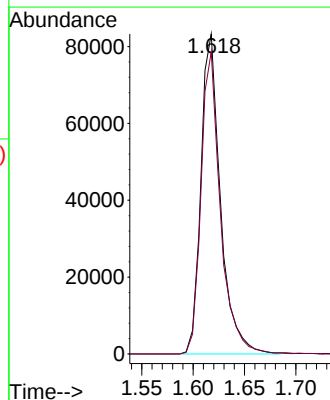
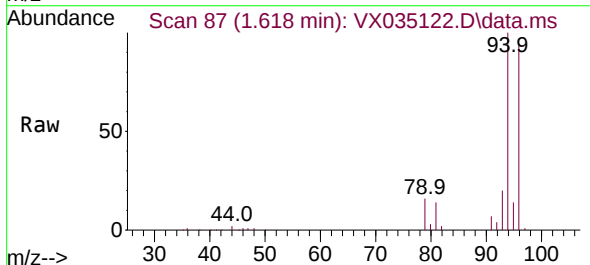
Instrument :
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 ClientSampleId :
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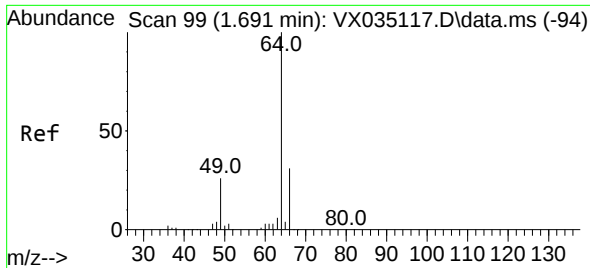
Tgt Ion: 62 Resp: 179976
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.5 41.7



#6
 Bromomethane
 Concen: 51.999 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX035122.D
 Acq: 18 Apr 2023 14:47

Tgt Ion: 94 Resp: 110384
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.7 121.9

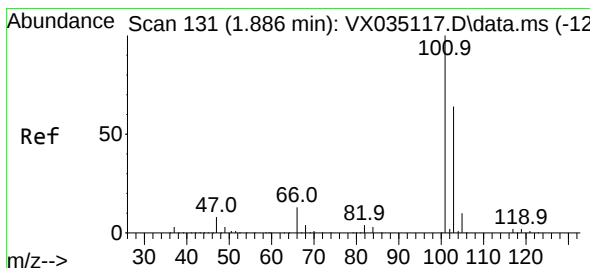
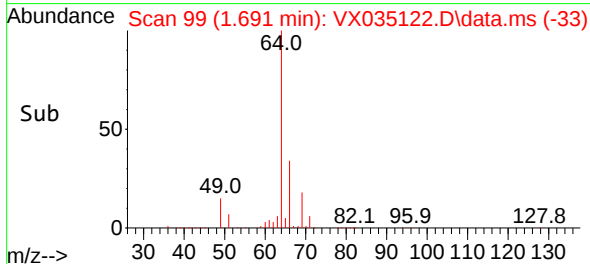
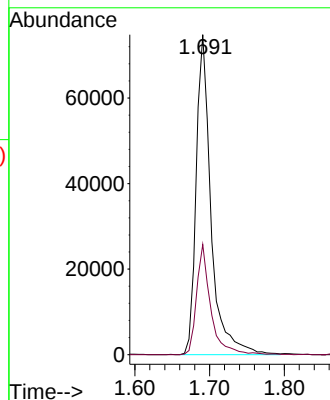
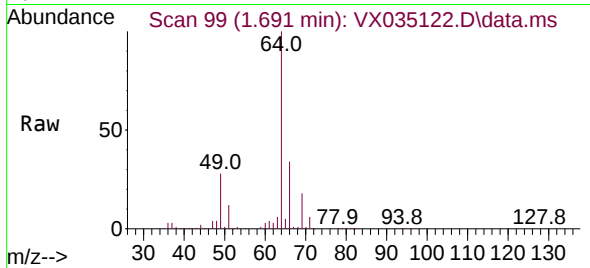




#8
Chloroethane
Concen: 51.826 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

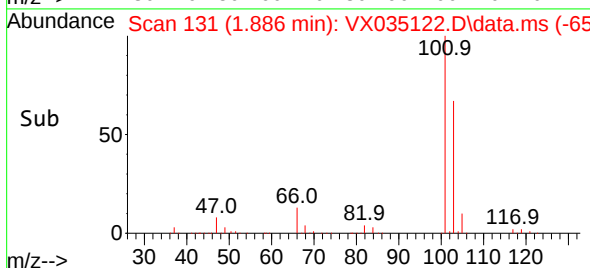
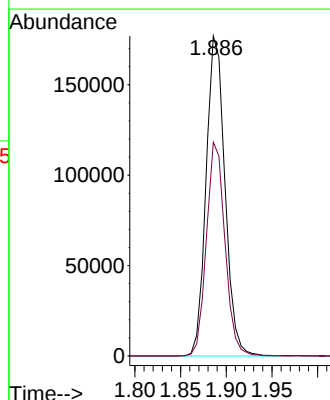
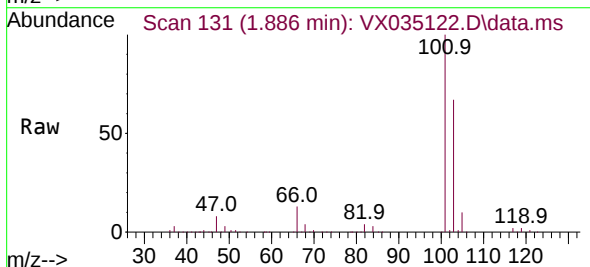
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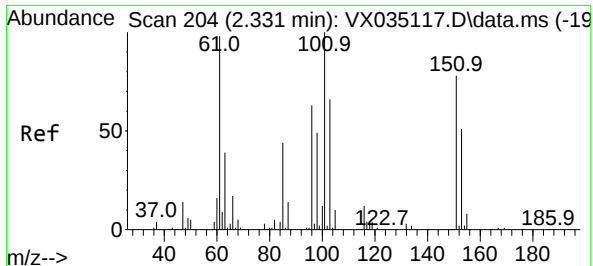
Tgt Ion: 64 Resp: 103310
Ion Ratio Lower Upper
64 100
66 34.5 21.9 40.7



#9
Trichlorofluoromethane
Concen: 52.406 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 101 Resp: 253649
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

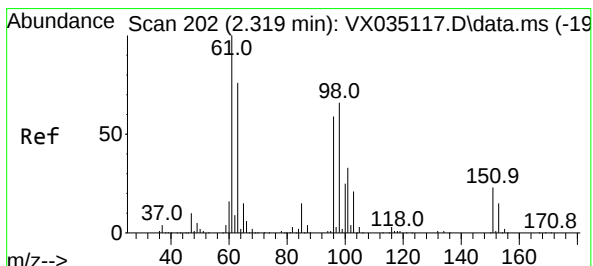
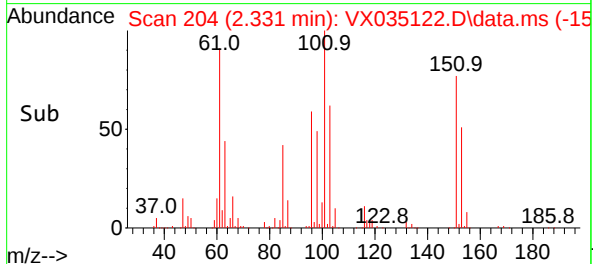
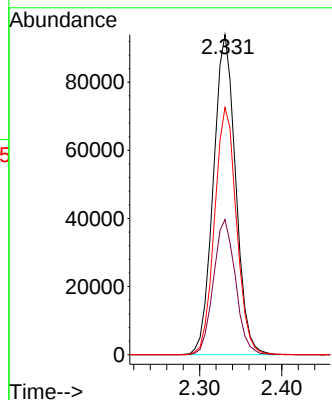
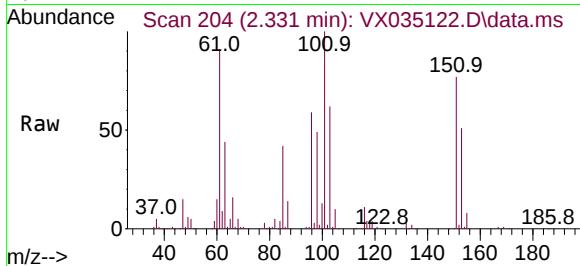




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.558 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX035122.D
 Acq: 18 Apr 2023 14:47

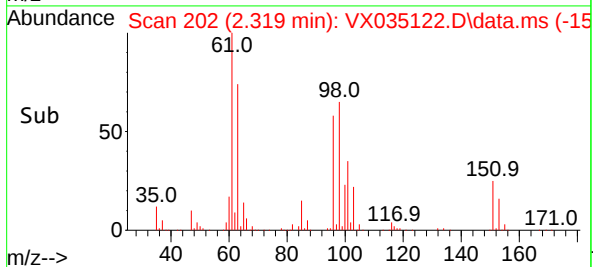
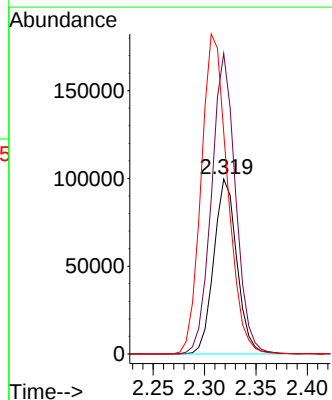
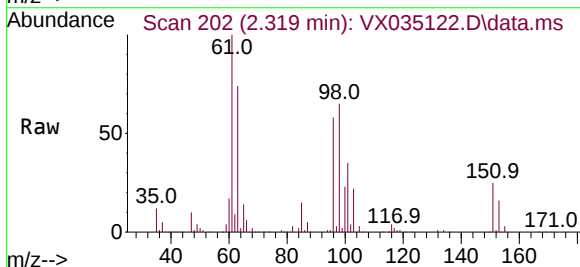
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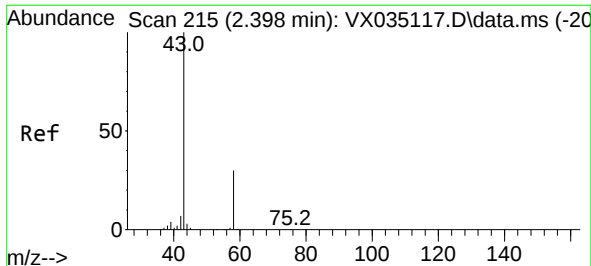
Tgt Ion: 101 Resp: 177095
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.2 51.2
 151 76.0 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 51.588 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX035122.D
 Acq: 18 Apr 2023 14:47

Tgt Ion: 96 Resp: 155637
 Ion Ratio Lower Upper
 96 100
 61 171.8 119.0 221.0
 63 126.6 91.0 169.0





#13

Acetone

Concen: 109.478 ug/L

RT: 2.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

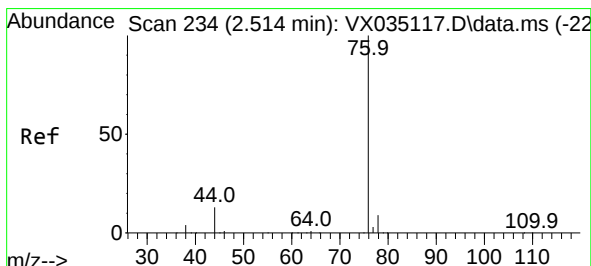
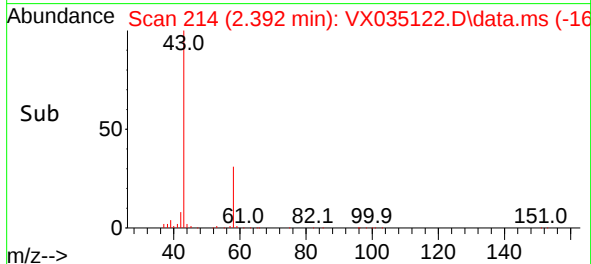
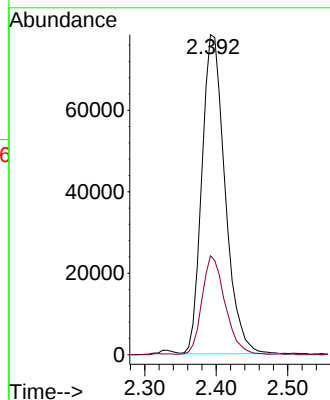
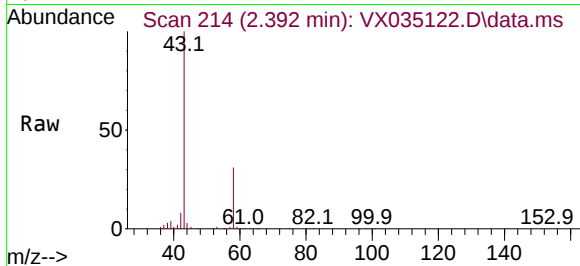
VSTD050627

Tgt Ion: 43 Resp: 176187

Ion Ratio Lower Upper

43 100

58 30.9 0.0 62.0



#14

Carbon disulfide

Concen: 53.344 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035122.D

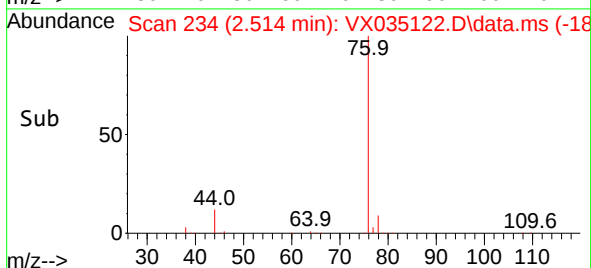
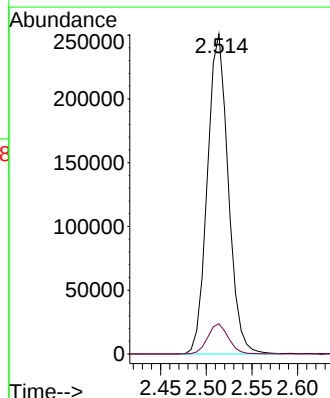
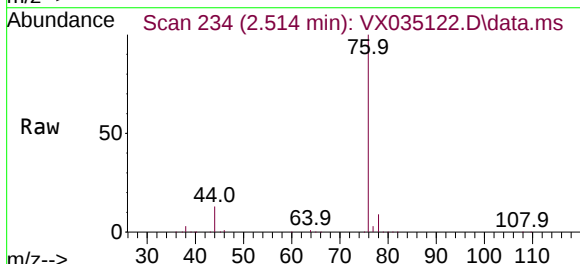
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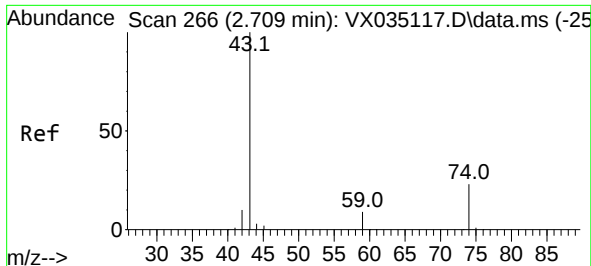
Tgt Ion: 76 Resp: 397612

Ion Ratio Lower Upper

76 100

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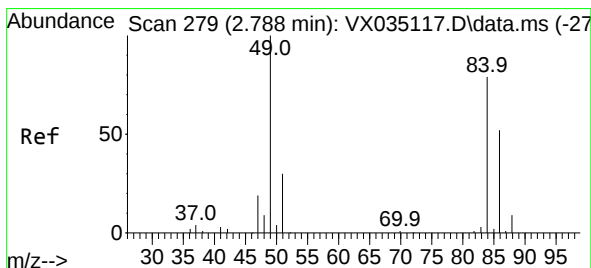
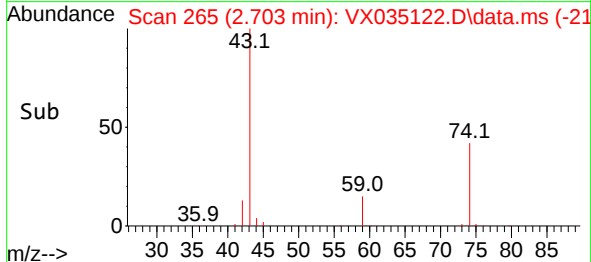
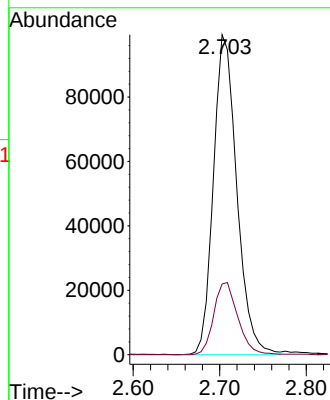
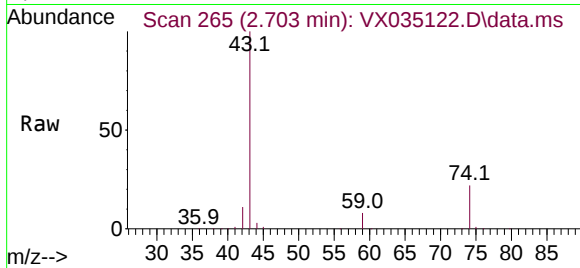




#15
Methyl Acetate
Concen: 54.157 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

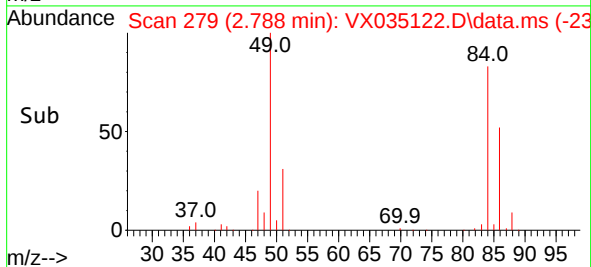
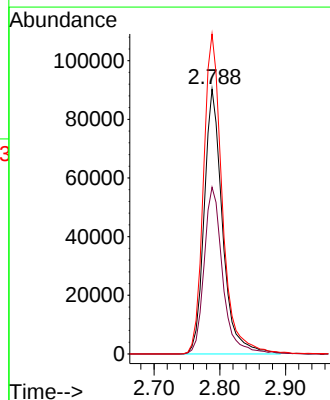
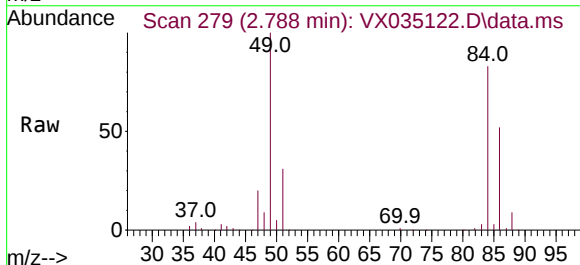
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

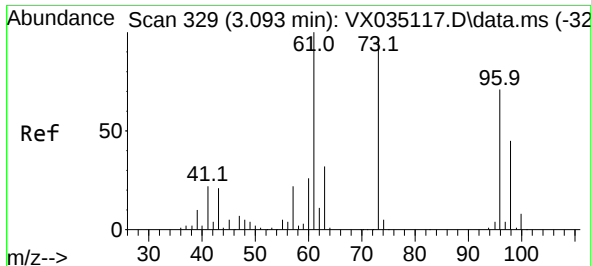
Tgt Ion: 43 Resp: 186704
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4



#16
Methylene chloride
Concen: 52.151 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 84 Resp: 175185
Ion Ratio Lower Upper
84 100
86 63.0 45.8 85.0
49 120.8 88.7 164.7

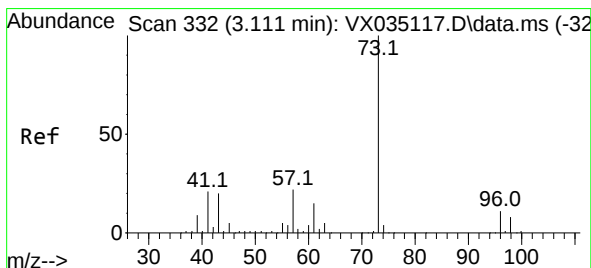
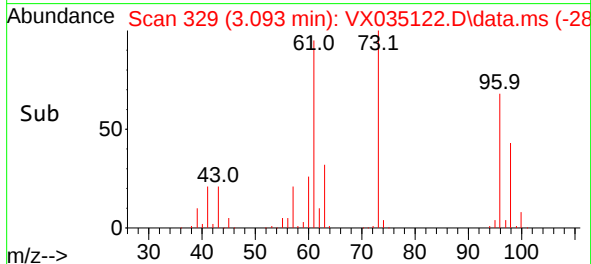
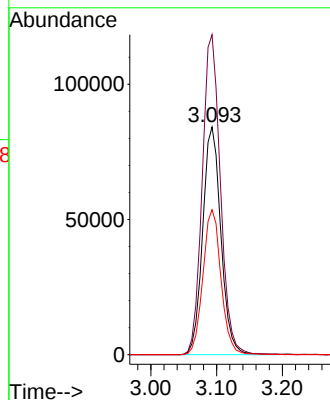
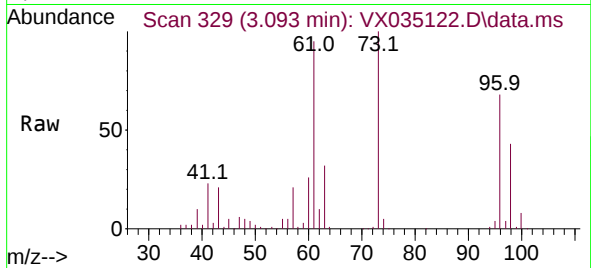




#17
trans-1,2-Dichloroethene
Concen: 52.130 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

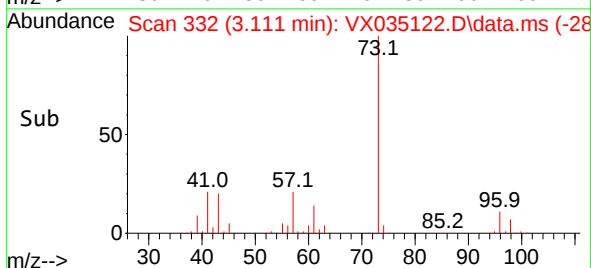
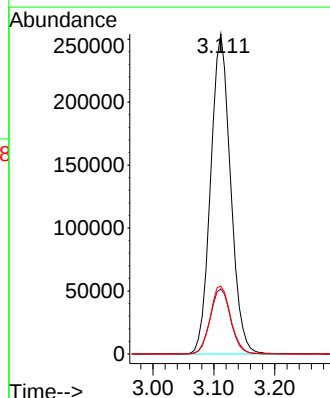
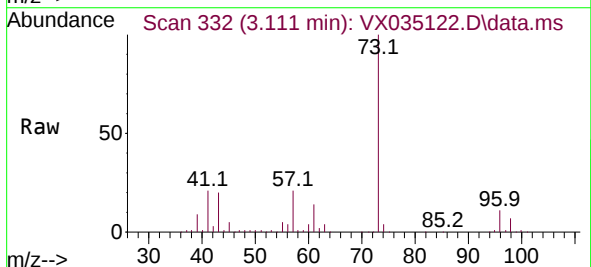
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

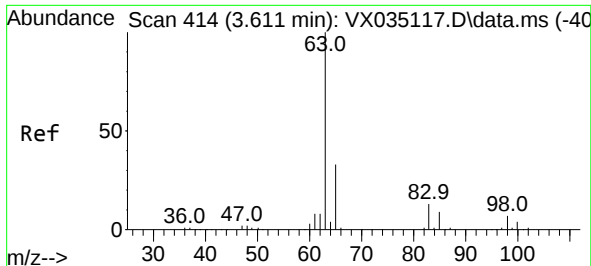
Tgt Ion: 96 Resp: 161947
Ion Ratio Lower Upper
96 100
61 140.5 98.8 183.4
98 63.7 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 53.669 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 73 Resp: 576596
Ion Ratio Lower Upper
73 100
43 20.8 16.6 25.0
57 21.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 52.744 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD050627

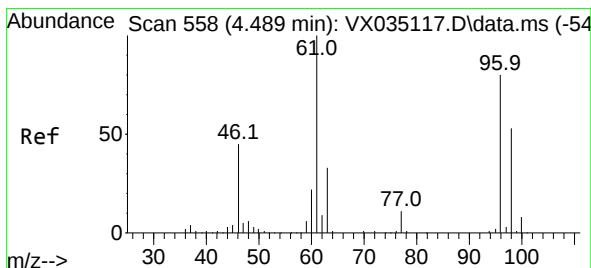
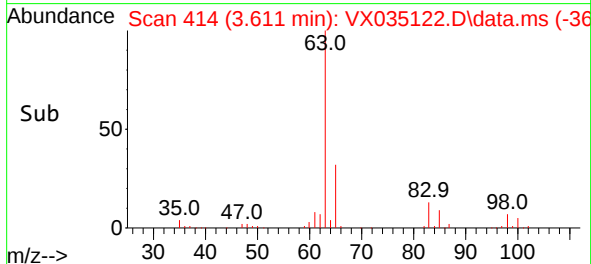
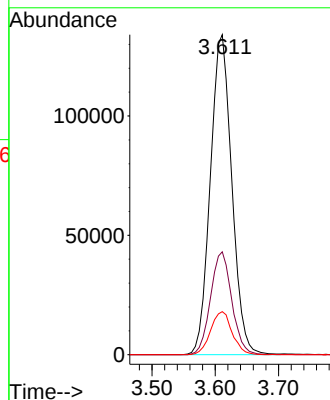
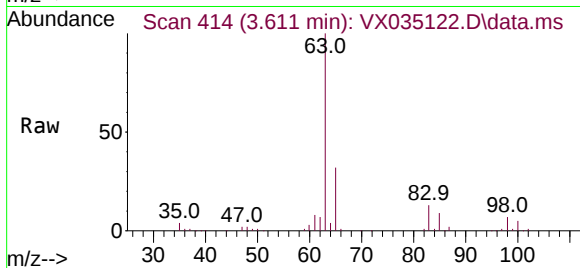
Tgt Ion: 63 Resp: 315859

Ion Ratio Lower Upper

63 100

65 32.2 22.8 42.4

83 13.5 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 52.035 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

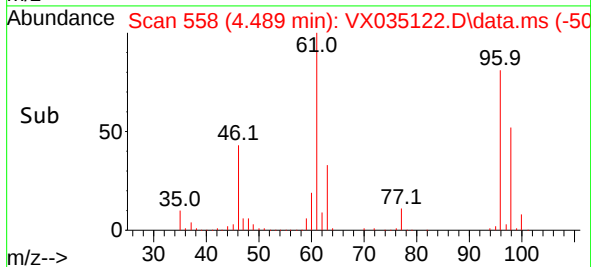
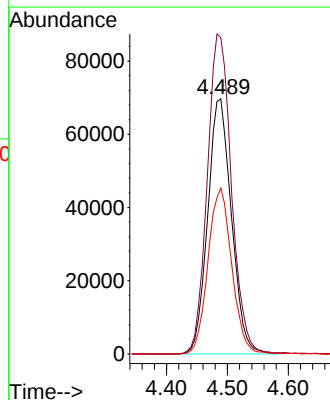
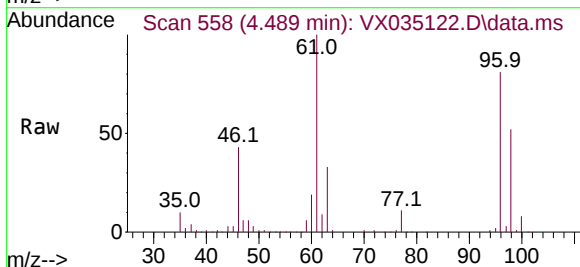
Tgt Ion: 96 Resp: 188995

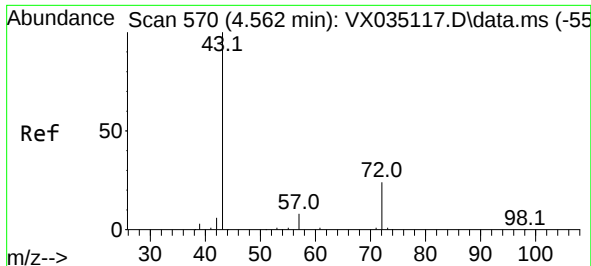
Ion Ratio Lower Upper

96 100

61 124.0 87.8 163.2

98 65.1 46.3 86.1

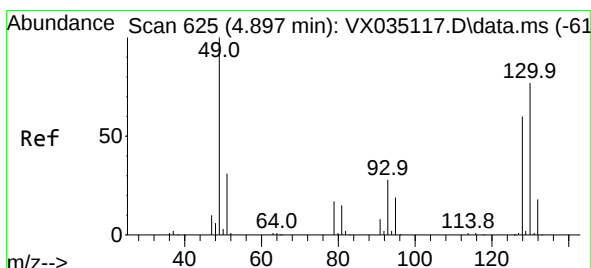
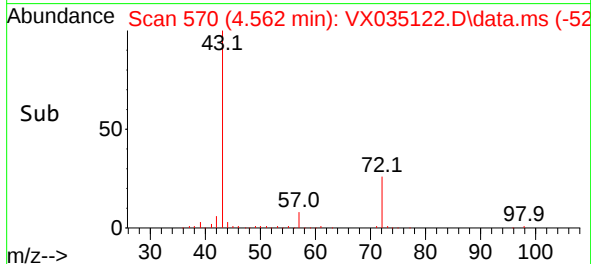
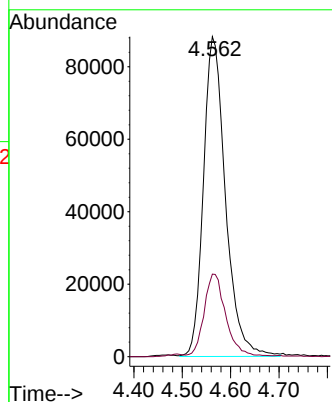
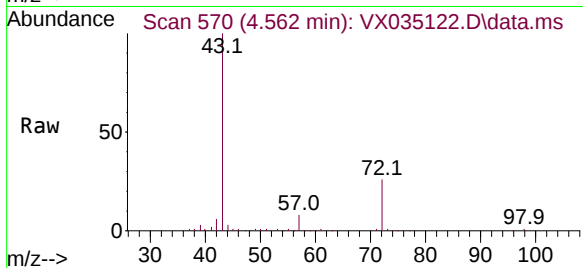




#22
2-Butanone
Concen: 113.302 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

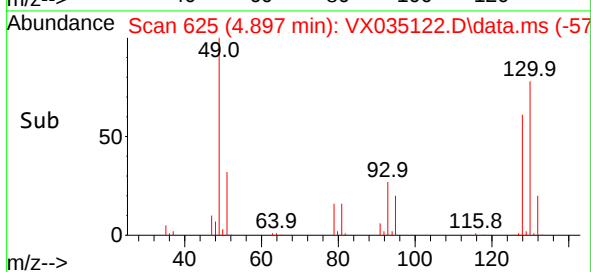
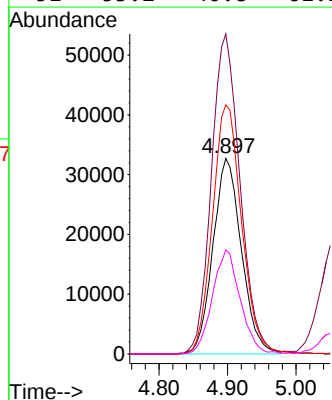
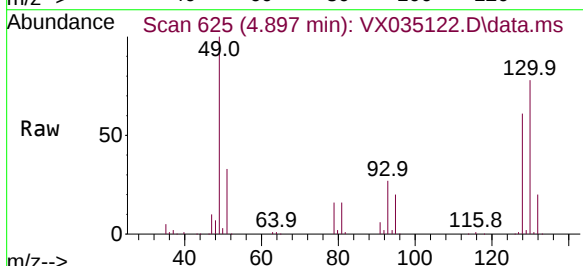
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

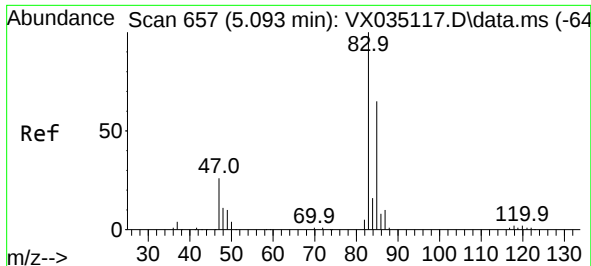
Tgt Ion: 43 Resp: 279882
Ion Ratio Lower Upper
43 100
72 24.4 12.4 37.2



#23
Bromochloromethane
Concen: 52.372 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion:128 Resp: 94214
Ion Ratio Lower Upper
128 100
49 163.7 115.9 215.3
130 127.4 88.9 165.1
51 53.2 40.8 61.2





#25

Chloroform

Concen: 53.190 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

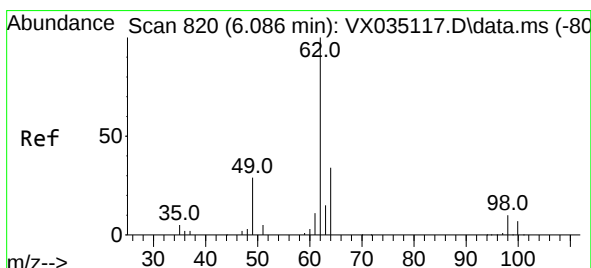
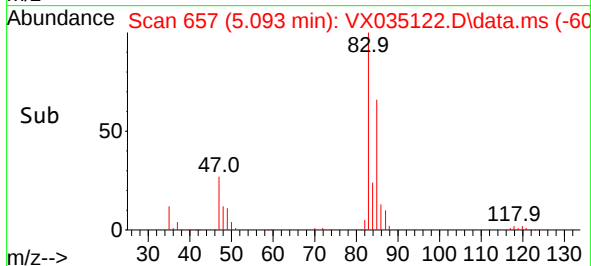
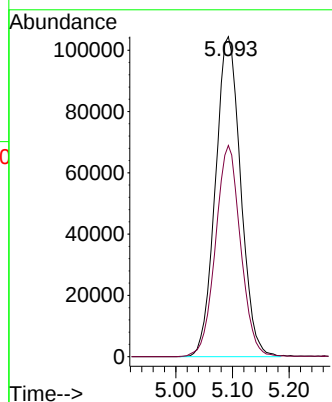
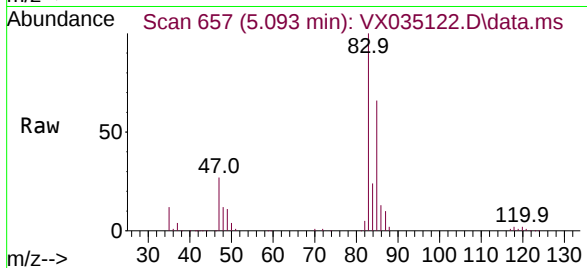
VSTD050627

Tgt Ion: 83 Resp: 322955

Ion Ratio Lower Upper

83 100

85 66.0 46.0 85.4



#27

1,2-Dichloroethane

Concen: 53.292 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX035122.D

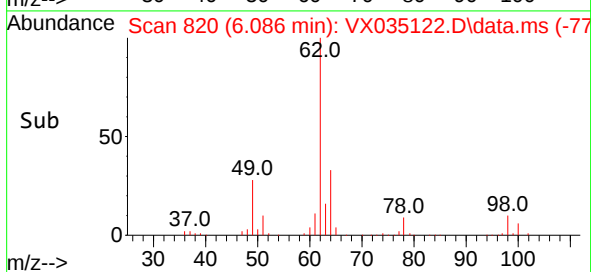
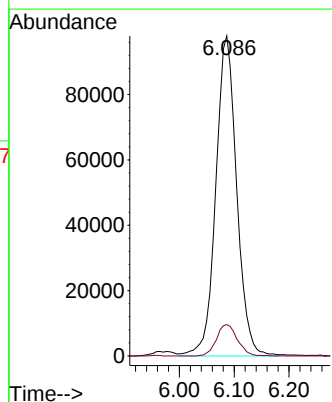
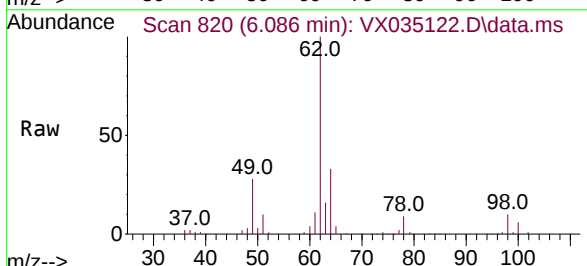
Acq: 18 Apr 2023 14:47

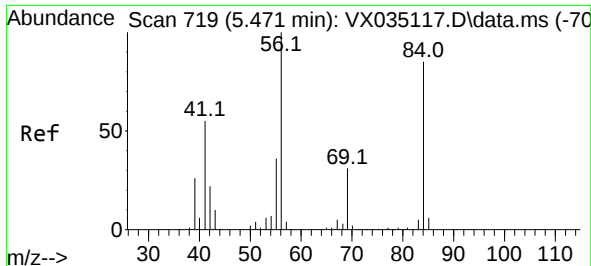
Tgt Ion: 62 Resp: 259163

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8

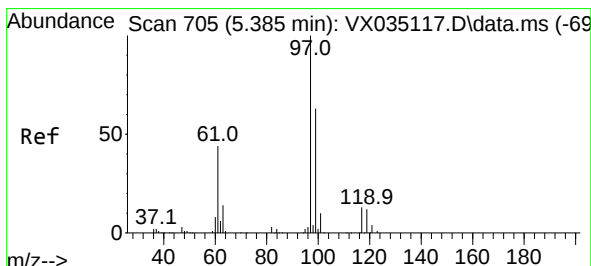
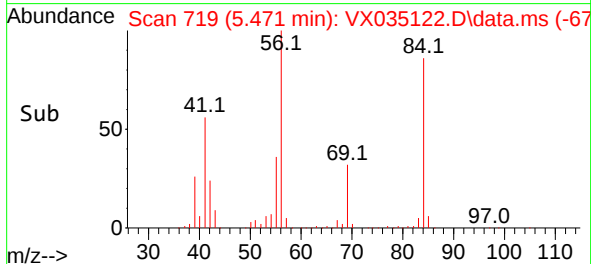
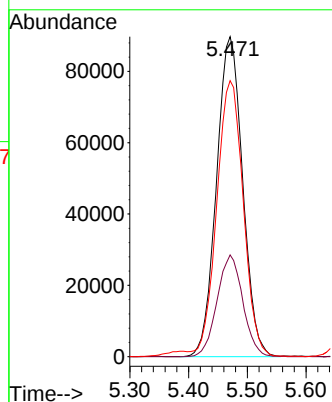
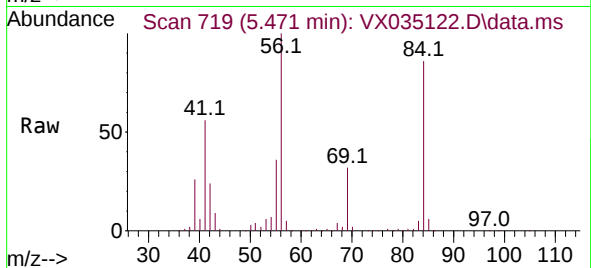




#29
Cyclohexane
Concen: 51.998 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

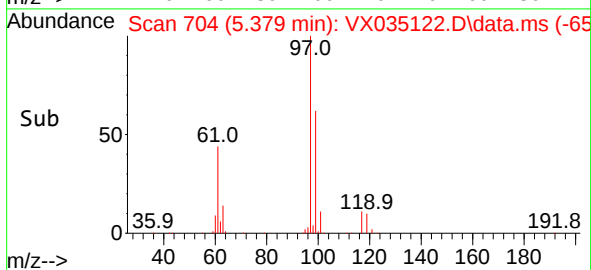
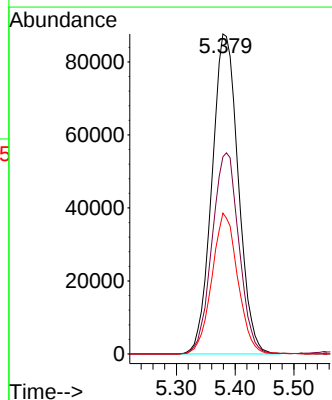
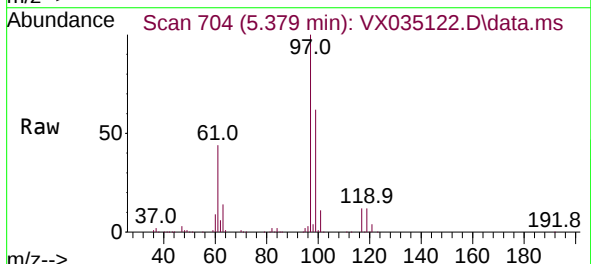
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

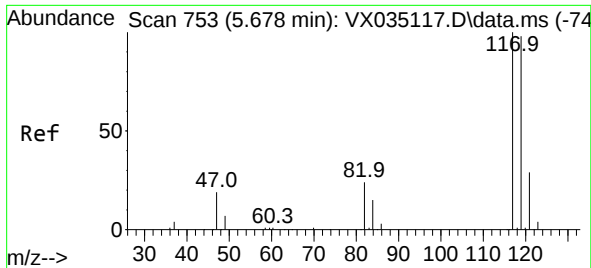
Tgt Ion: 56 Resp: 277724
Ion Ratio Lower Upper
56 100
69 31.2 25.1 37.7
84 87.2 70.1 105.1



#30
1,1,1-Trichloroethane
Concen: 52.647 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 97 Resp: 272945
Ion Ratio Lower Upper
97 100
99 64.2 50.6 75.8
61 43.1 34.9 52.3

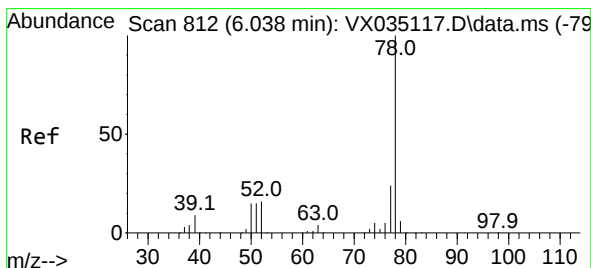
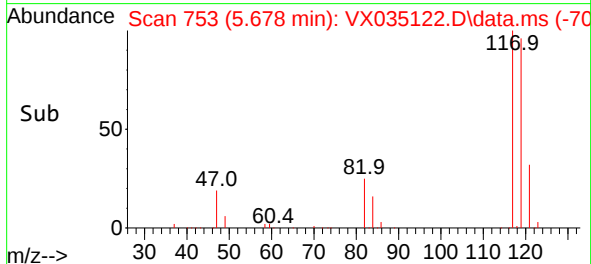
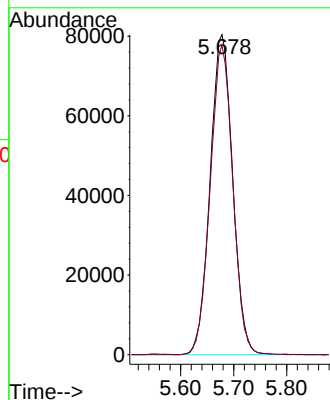
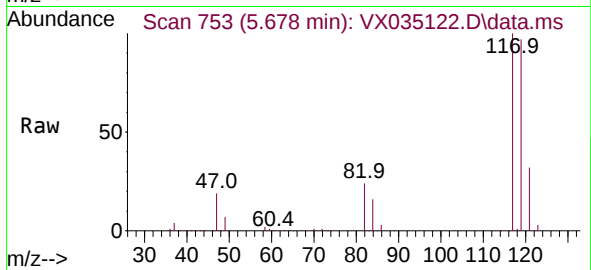




#31
Carbon tetrachloride
Concen: 54.091 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

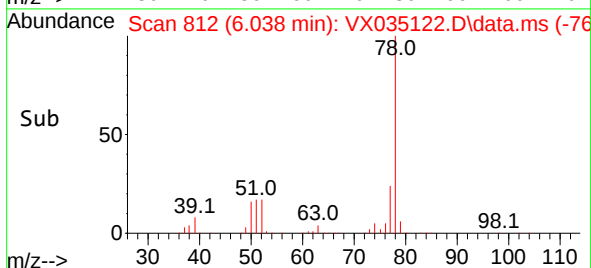
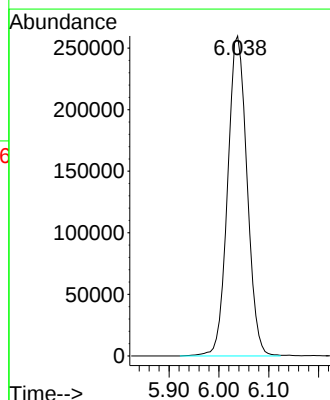
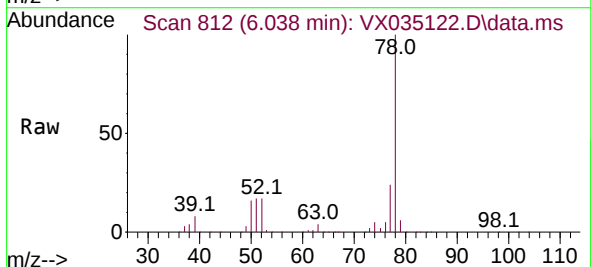
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

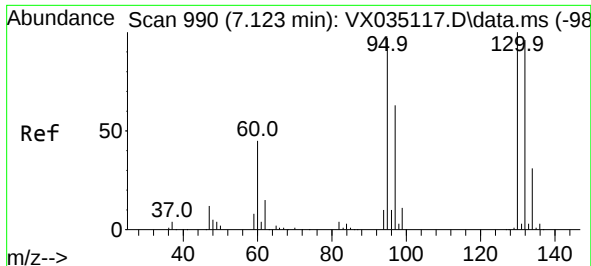
Tgt Ion:117 Resp: 237794
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7



#33
Benzene
Concen: 52.448 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 78 Resp: 702102

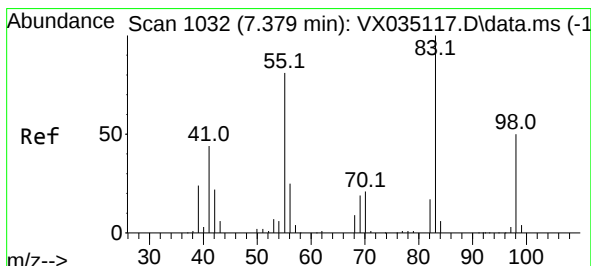
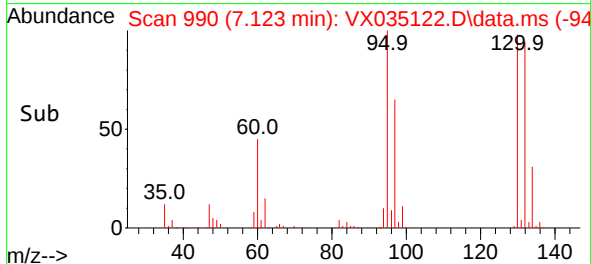
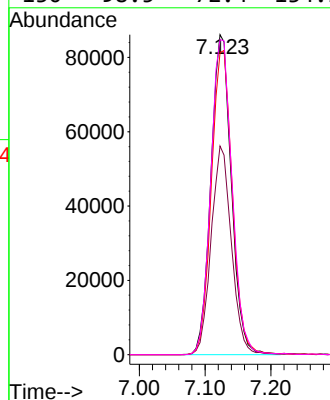
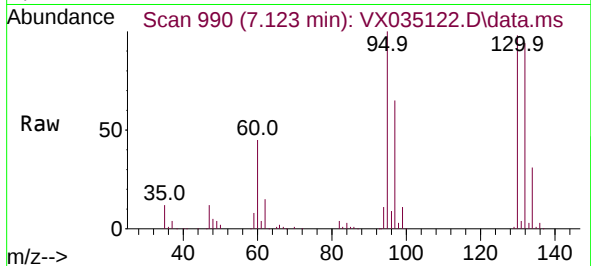




#34
Trichloroethene
Concen: 52.499 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

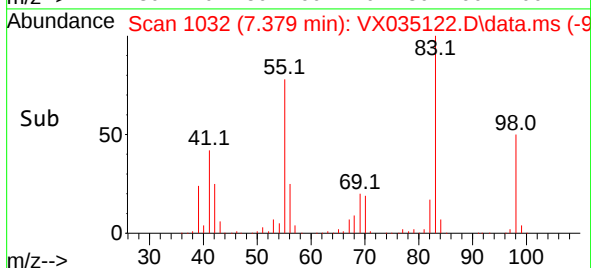
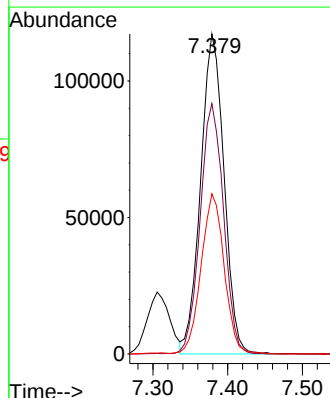
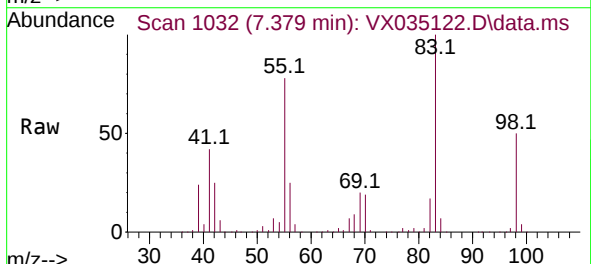
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

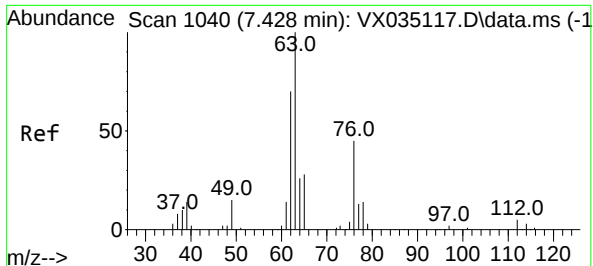
Tgt Ion: 95 Resp: 186951
Ion Ratio Lower Upper
95 100
97 65.2 45.6 84.8
132 94.4 69.7 129.4
130 98.5 72.4 134.5



#35
Methylcyclohexane
Concen: 53.178 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 83 Resp: 255026
Ion Ratio Lower Upper
83 100
55 78.1 62.2 93.2
98 49.5 39.3 58.9





#37

1,2-Dichloropropane

Concen: 53.611 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

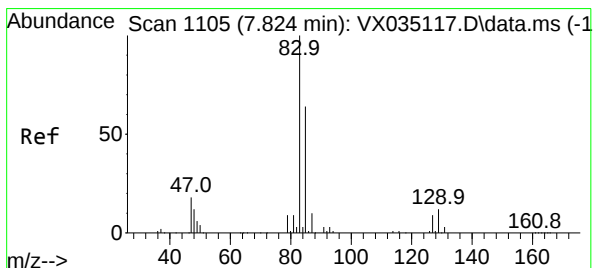
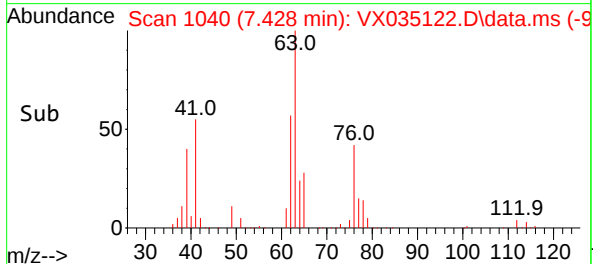
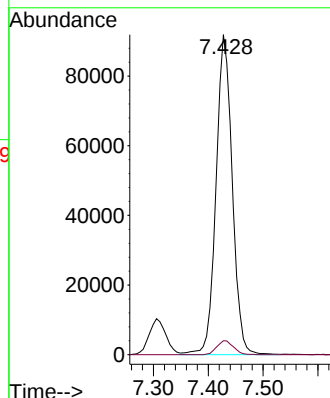
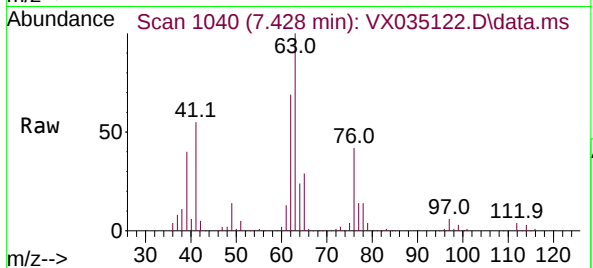
VSTD050627

Tgt Ion: 63 Resp: 188949

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 54.245 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

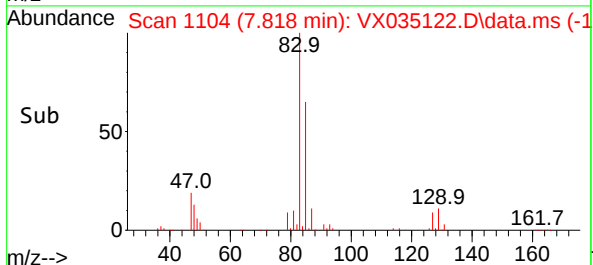
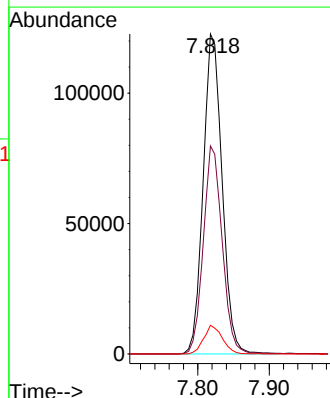
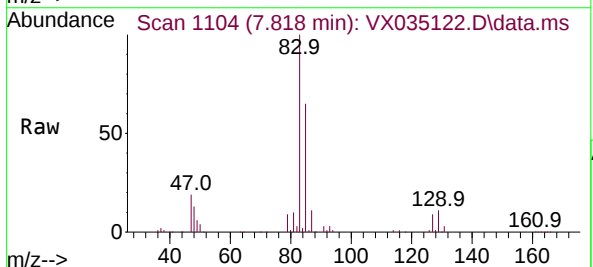
Tgt Ion: 83 Resp: 225892

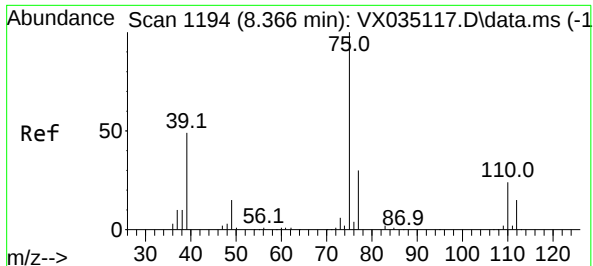
Ion Ratio Lower Upper

83 100

85 65.0 44.7 82.9

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 55.782 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

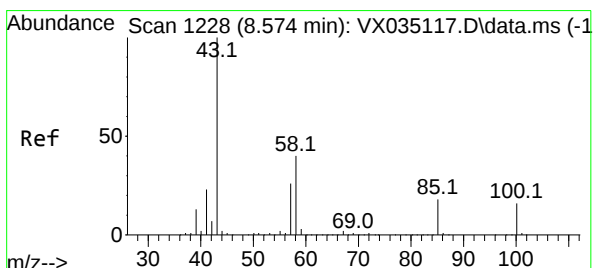
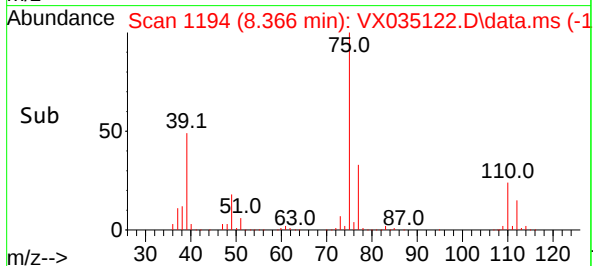
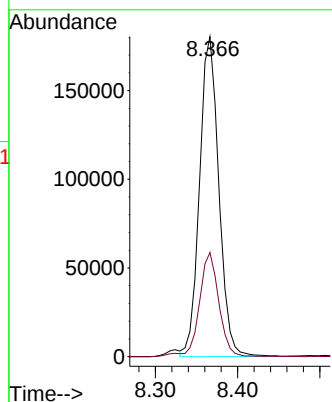
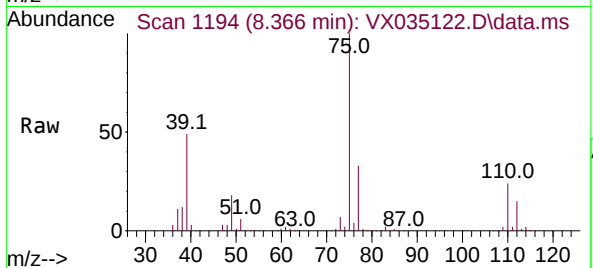
VSTD050627

Tgt Ion: 75 Resp: 293967

Ion Ratio Lower Upper

75 100

77 32.5 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 110.500 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

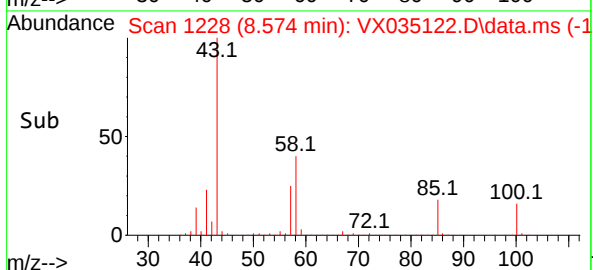
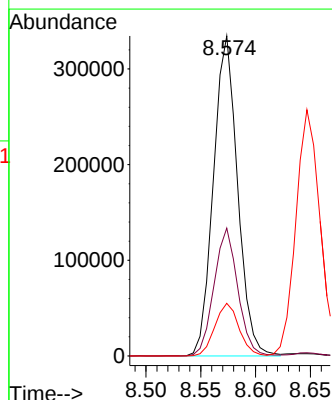
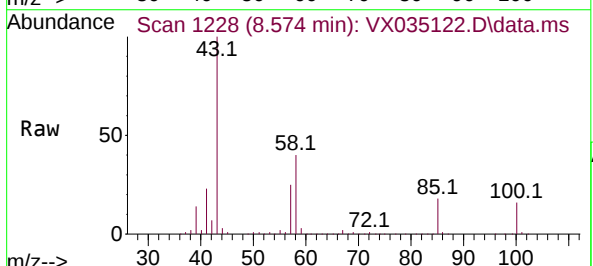
Tgt Ion: 43 Resp: 513386

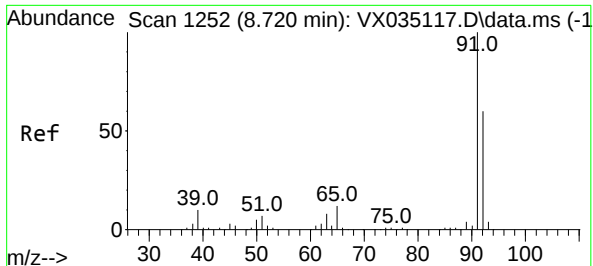
Ion Ratio Lower Upper

43 100

58 39.3 31.5 47.3

100 16.5 12.8 19.2





#42

Toluene

Concen: 52.856 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

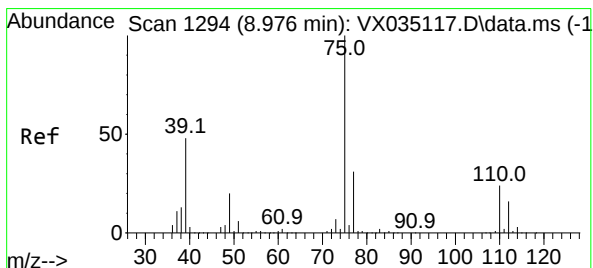
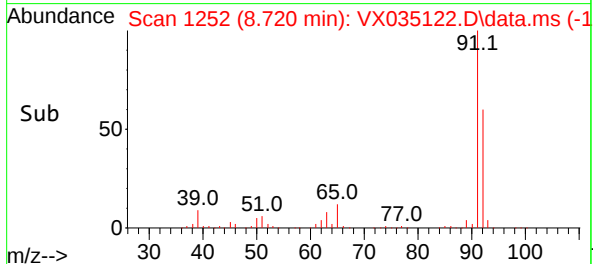
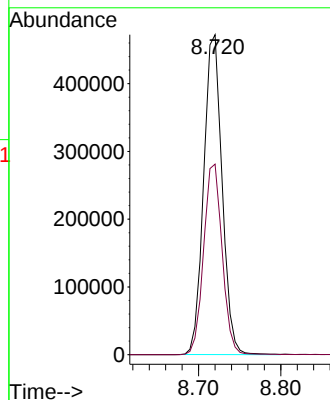
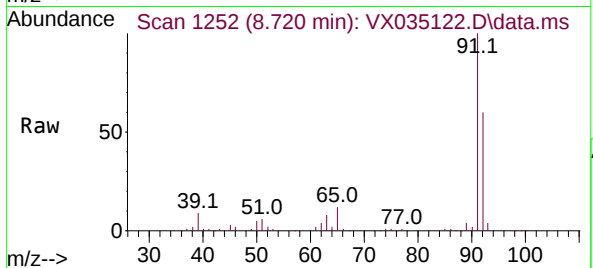
VSTD050627

Tgt Ion: 91 Resp: 734108

Ion Ratio Lower Upper

91 100

92 59.5 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 57.289 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035122.D

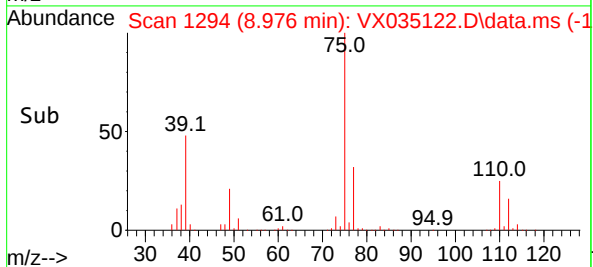
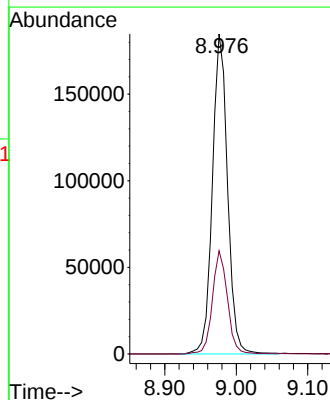
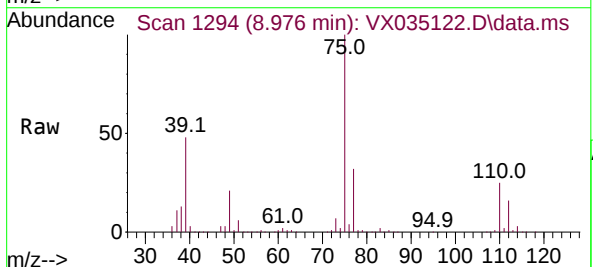
Acq: 18 Apr 2023 14:47

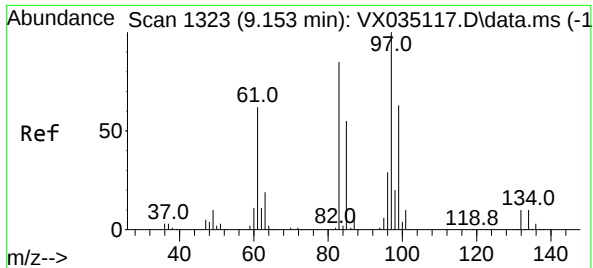
Tgt Ion: 75 Resp: 272028

Ion Ratio Lower Upper

75 100

77 32.2 22.0 40.8



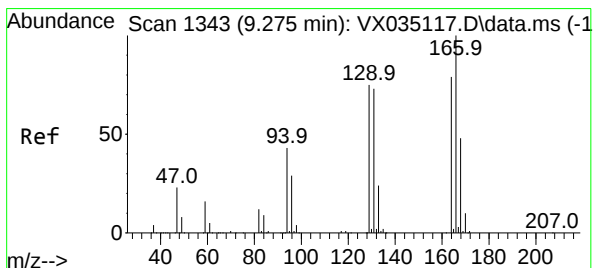
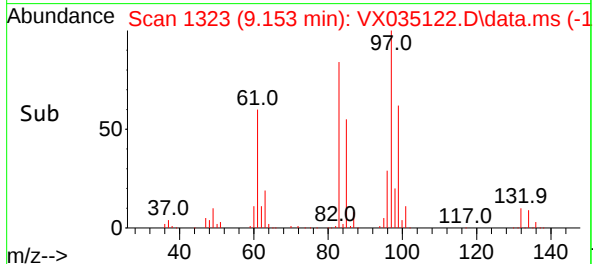
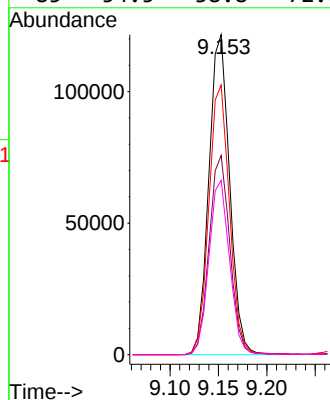
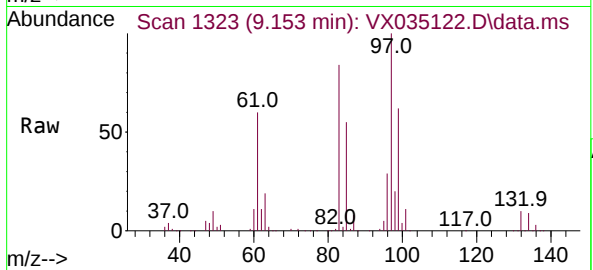


#45
1,1,2-Trichloroethane
Concen: 54.375 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

Tgt Ion: 97 Resp: 181853

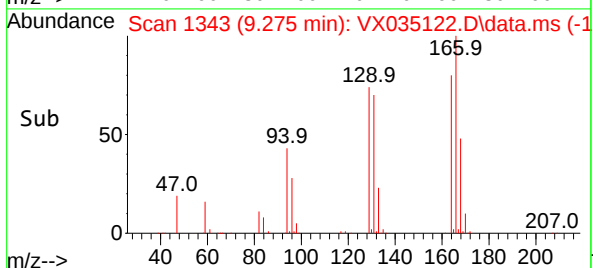
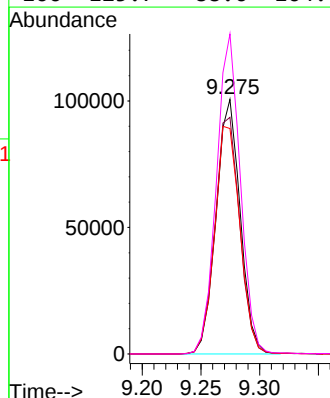
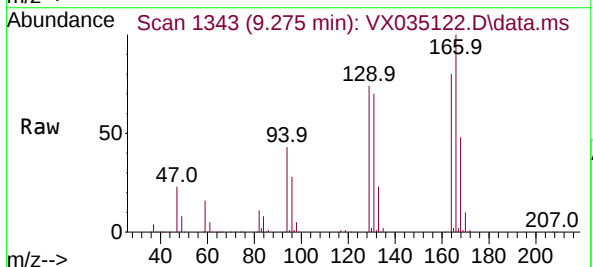
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.4
83	84.3	59.8	111.0
85	54.5	38.8	72.0

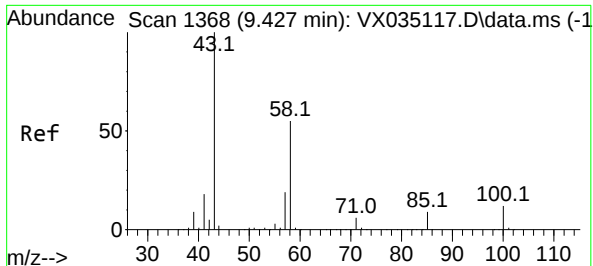


#46
Tetrachloroethene
Concen: 54.160 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 164 Resp: 143663

Ion	Ratio	Lower	Upper
164	100		
129	92.9	66.1	122.8
131	88.6	65.0	120.8
166	125.7	88.6	164.6





#48

2-Hexanone

Concen: 113.060 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD050627

Tgt Ion: 43 Resp: 398817

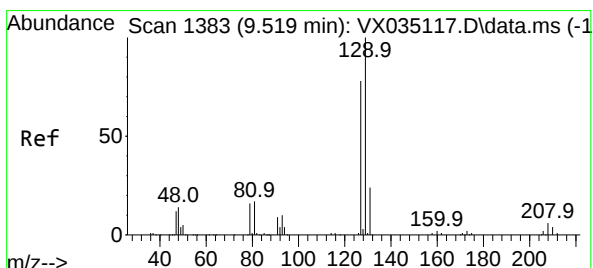
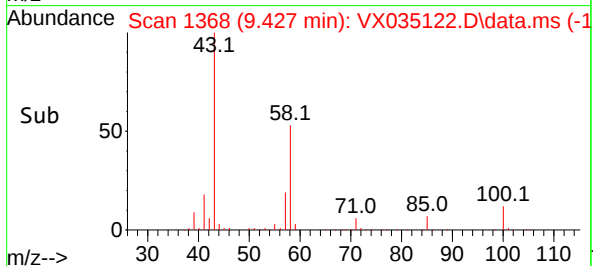
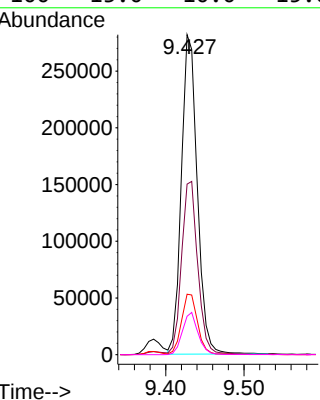
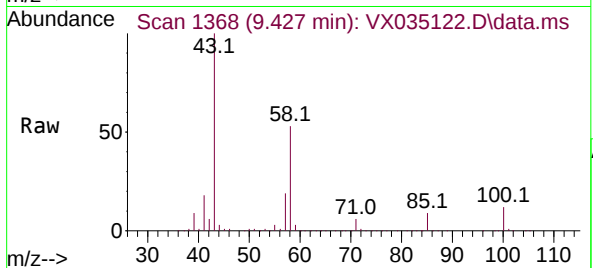
Ion Ratio Lower Upper

43 100

58 54.9 43.2 64.8

57 18.6 15.4 23.0

100 13.0 10.0 15.0



#49

Dibromochloromethane

Concen: 56.151 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX035122.D

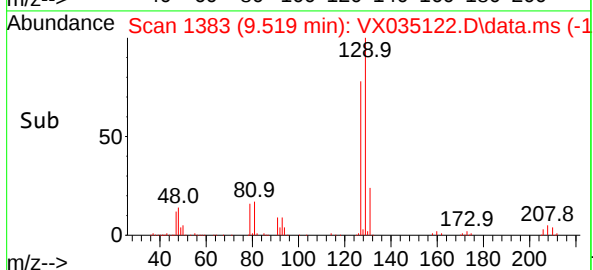
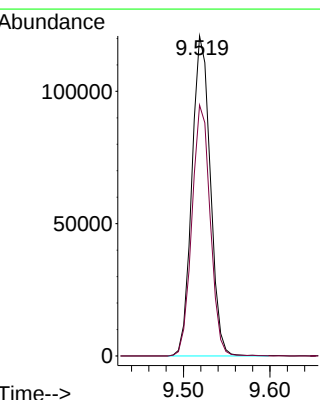
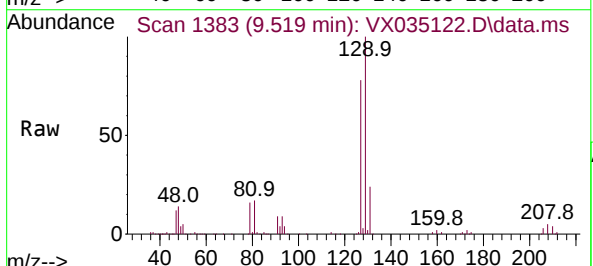
Acq: 18 Apr 2023 14:47

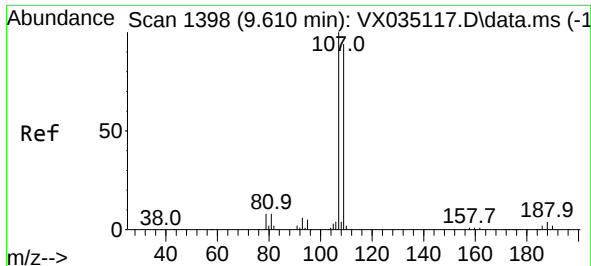
Tgt Ion: 129 Resp: 178470

Ion Ratio Lower Upper

129 100

127 78.4 54.8 101.8





#50

1,2-Dibromoethane

Concen: 54.861 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD050627

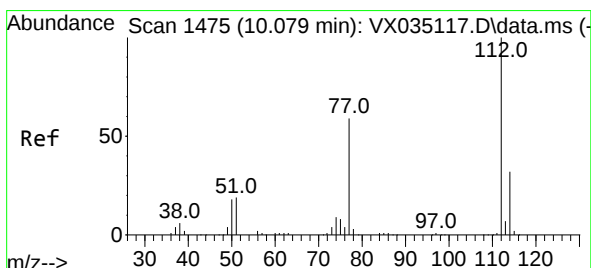
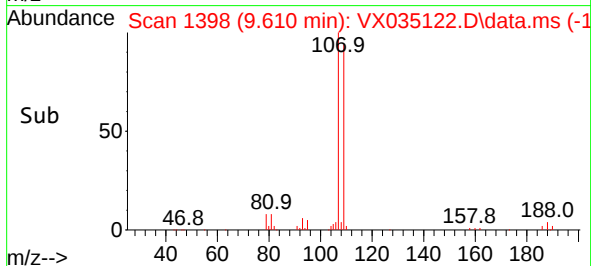
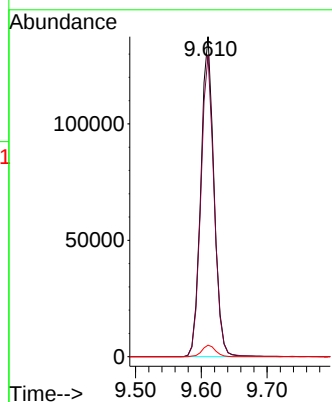
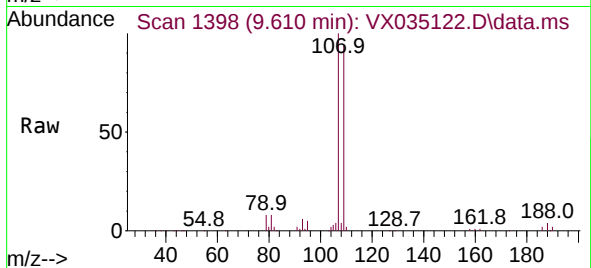
Tgt Ion:107 Resp: 190915

Ion Ratio Lower Upper

107 100

109 94.1 65.6 121.8

188 3.6 3.3 4.9



#51

Chlorobenzene

Concen: 52.626 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

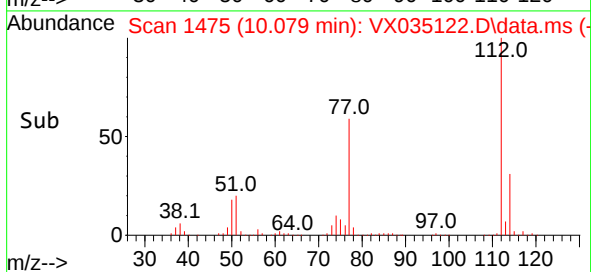
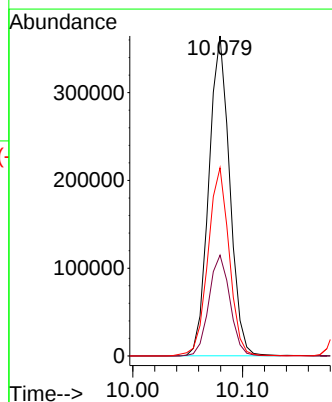
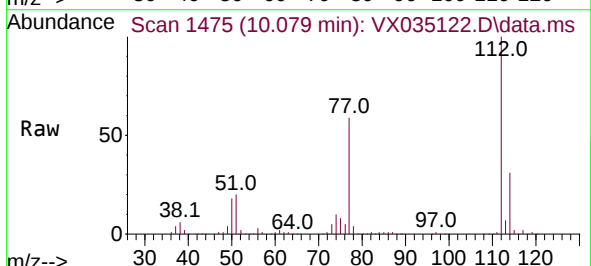
Tgt Ion:112 Resp: 481539

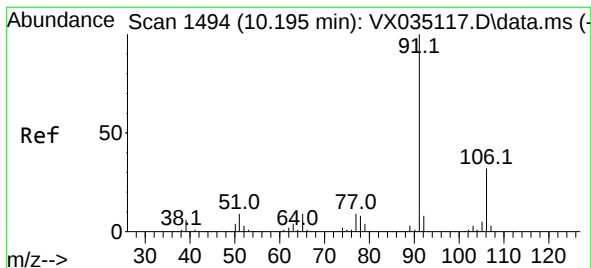
Ion Ratio Lower Upper

112 100

114 31.5 22.4 41.6

77 58.8 47.0 70.6

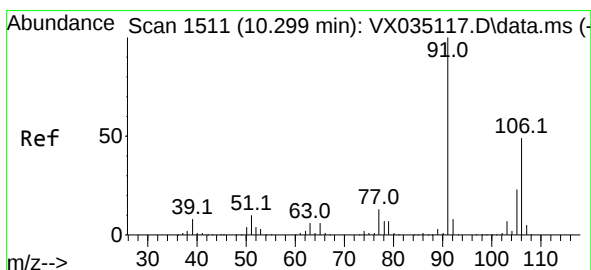
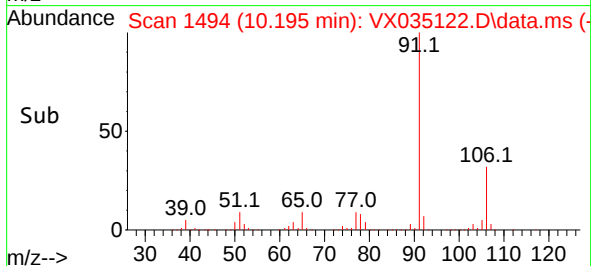
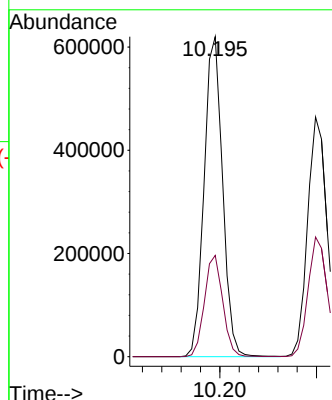
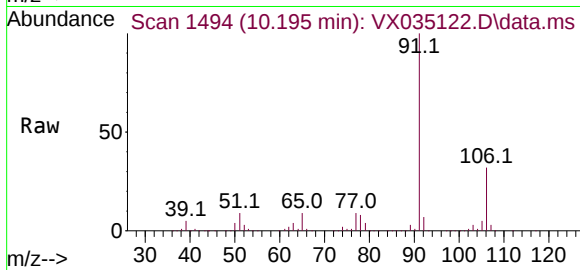




#52
Ethylbenzene
Concen: 53.604 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

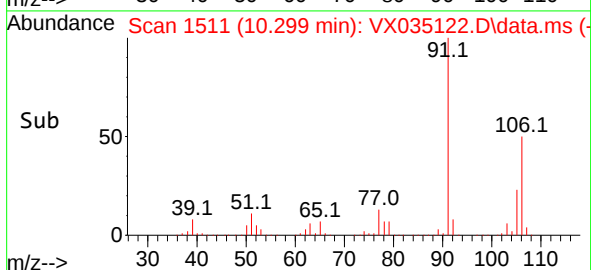
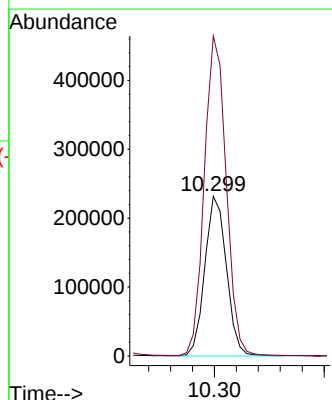
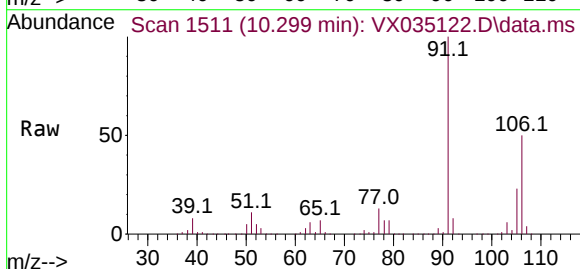
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

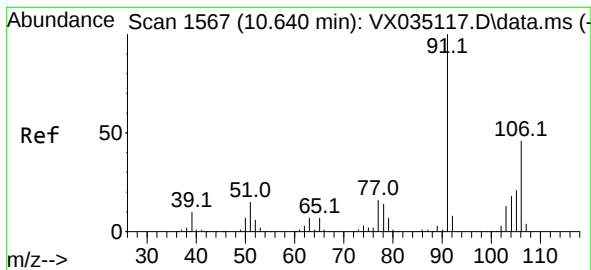
Tgt Ion: 91 Resp: 822990
Ion Ratio Lower Upper
91 100
106 31.7 22.6 42.0



#53
m,p-Xylene
Concen: 53.964 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 106 Resp: 317263
Ion Ratio Lower Upper
106 100
91 200.3 142.7 264.9





#54

o-Xylene

Concen: 53.808 ug/L

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

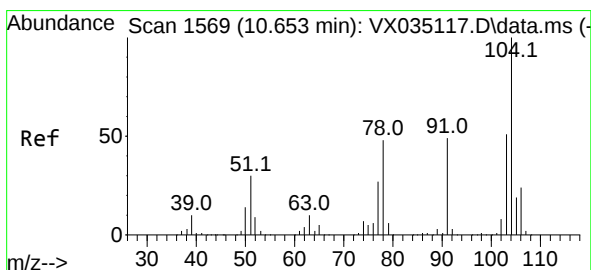
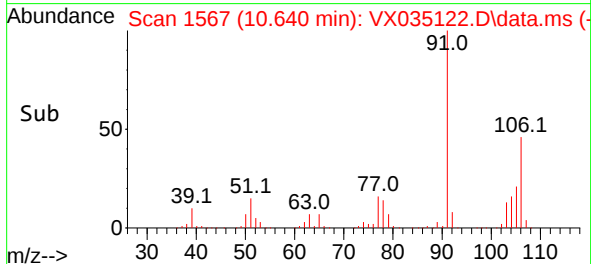
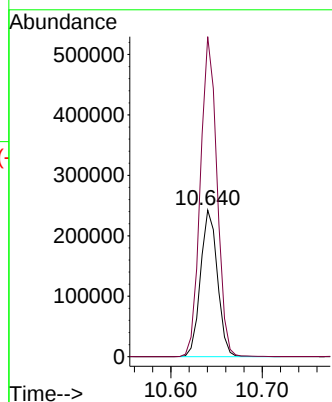
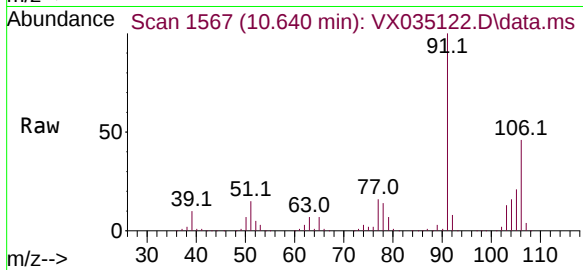
VSTD050627

Tgt Ion:106 Resp: 311021

Ion Ratio Lower Upper

106 100

91 218.3 153.9 285.7



#55

Styrene

Concen: 54.568 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035122.D

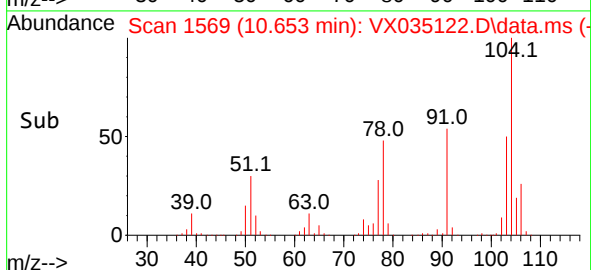
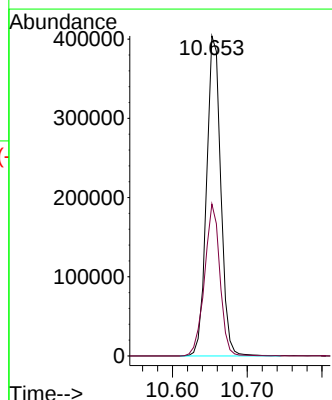
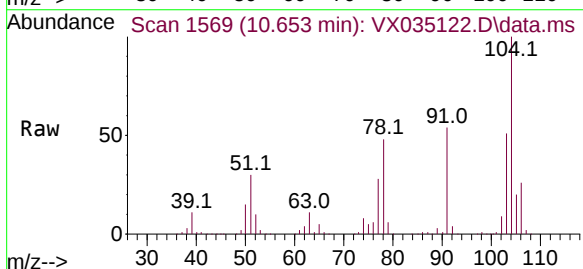
Acq: 18 Apr 2023 14:47

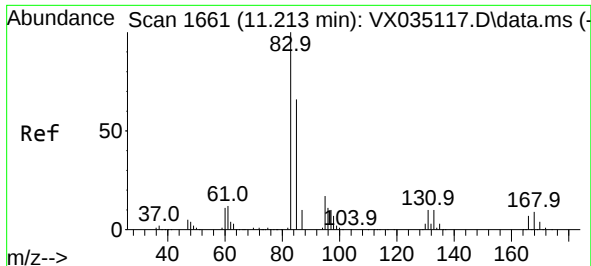
Tgt Ion:104 Resp: 534402

Ion Ratio Lower Upper

104 100

78 47.5 33.5 62.3

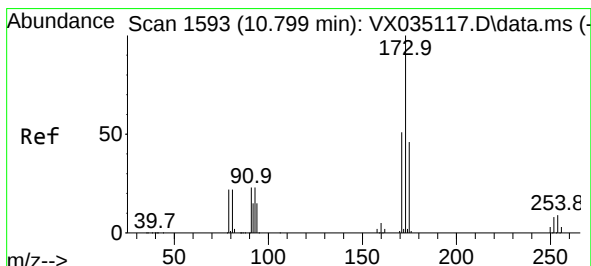
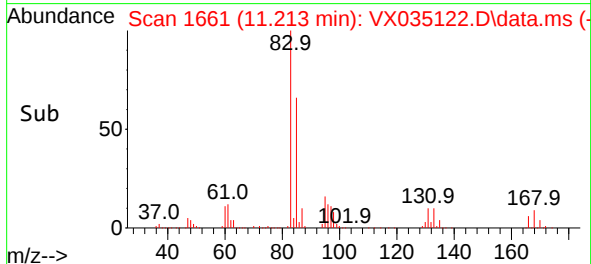
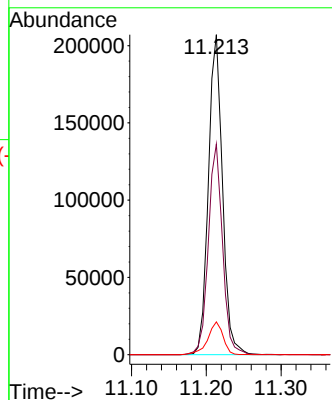
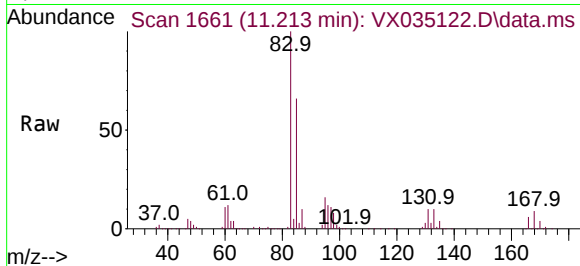




#57
1,1,2,2-Tetrachloroethane
Concen: 54.985 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

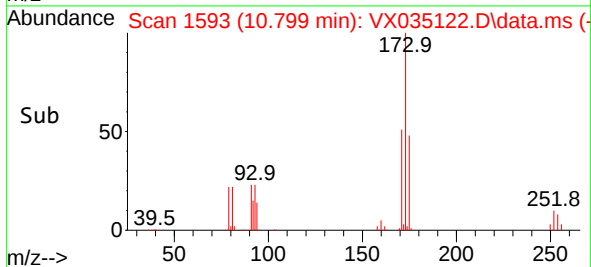
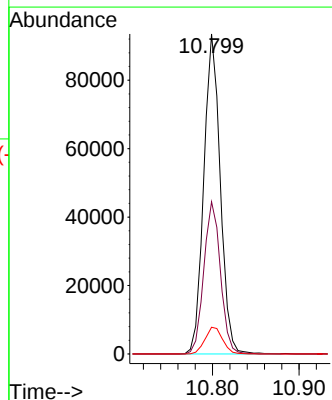
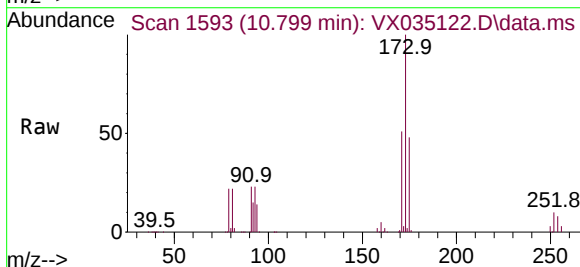
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

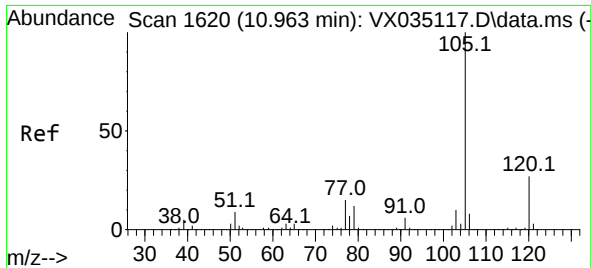
Tgt Ion: 83 Resp: 271016
Ion Ratio Lower Upper
83 100
85 65.8 46.0 85.4
131 10.3 8.3 12.5



#59
Bromoform
Concen: 55.098 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion:173 Resp: 123603
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.4
254 9.0 7.4 11.0

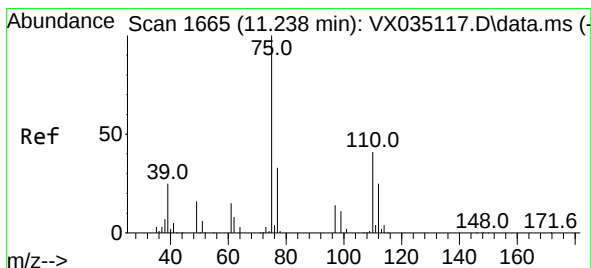
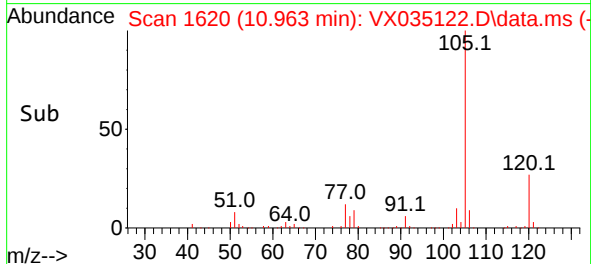
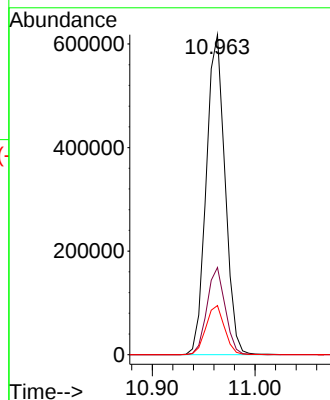
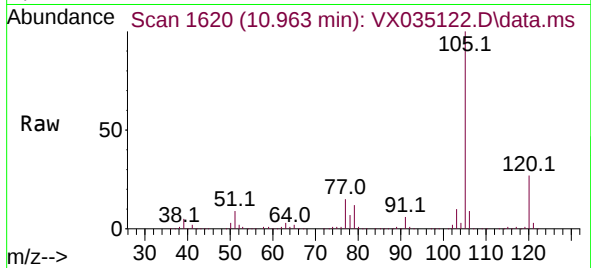




#60
Isopropylbenzene
Concen: 52.881 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

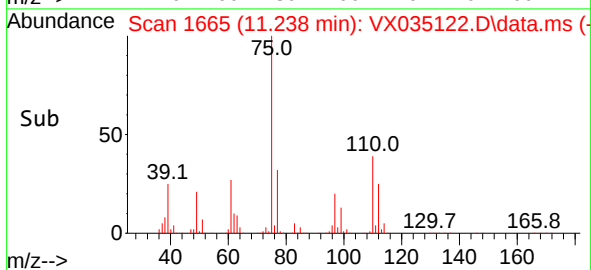
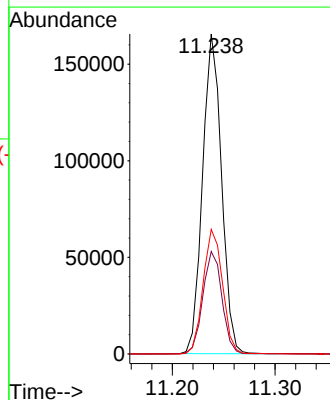
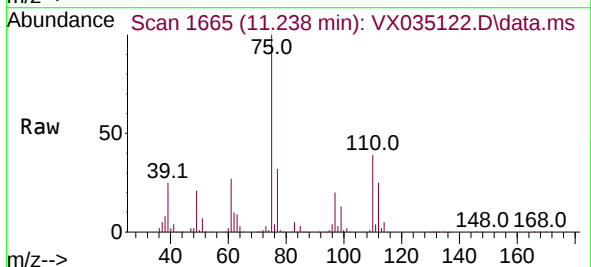
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

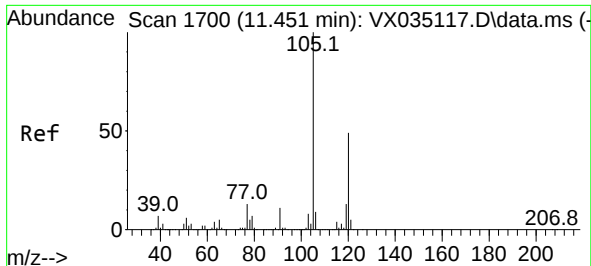
Tgt Ion:105 Resp: 783598
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 15.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 52.868 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 75 Resp: 212716
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 39.9 32.5 48.7

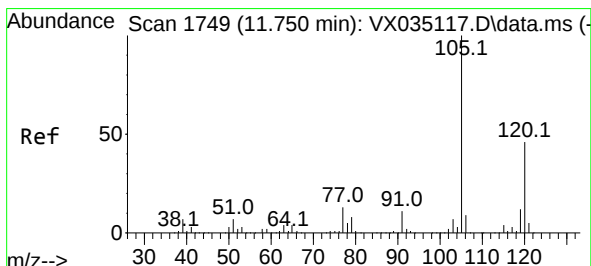
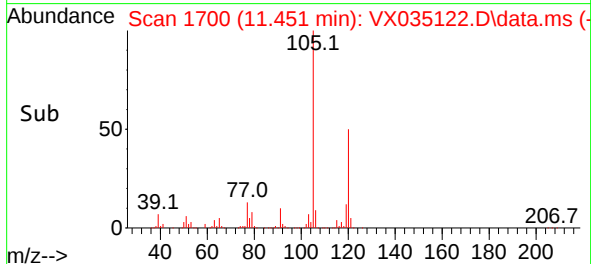
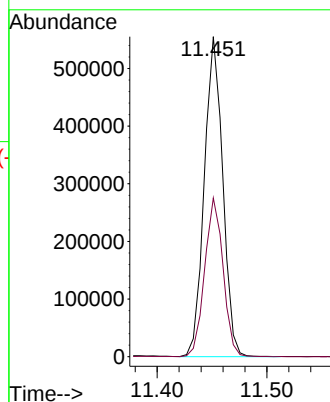
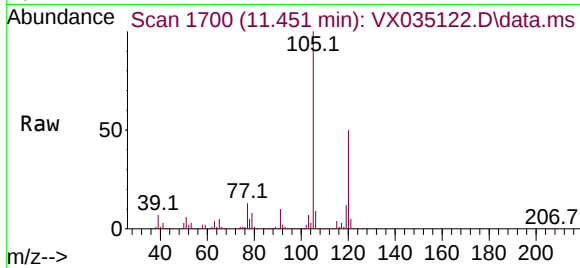




#62
1,3,5-Trimethylbenzene
Concen: 53.514 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

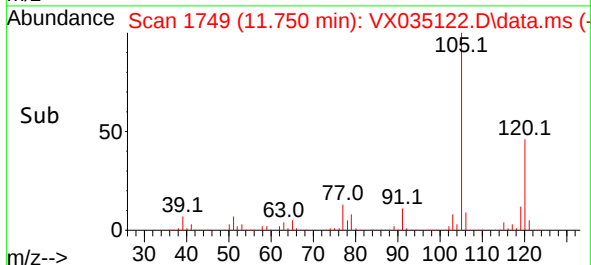
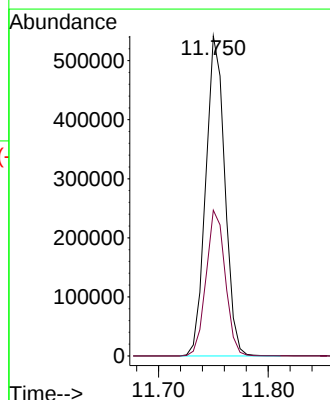
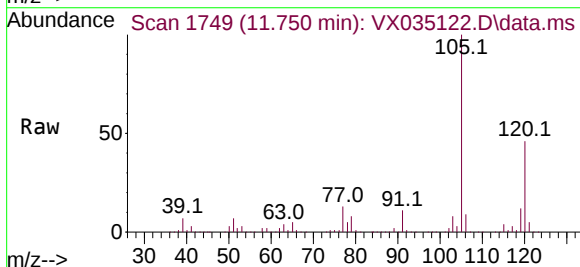
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

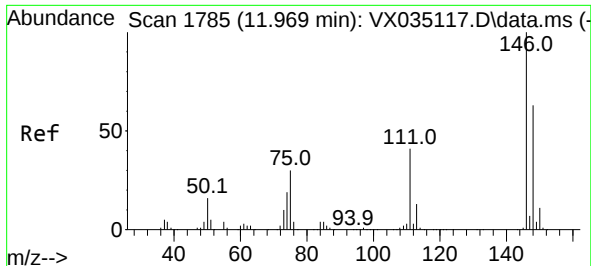
Tgt Ion:105 Resp: 648507
Ion Ratio Lower Upper
105 100
120 49.4 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 54.146 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion:105 Resp: 652451
Ion Ratio Lower Upper
105 100
120 45.8 36.6 55.0

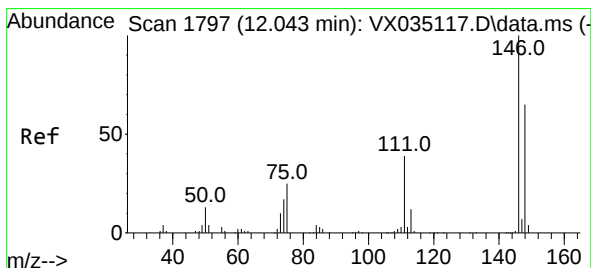
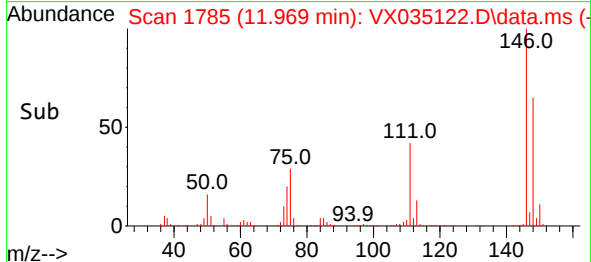
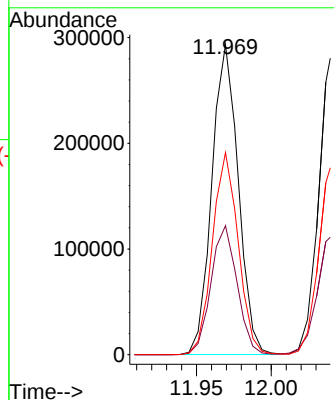
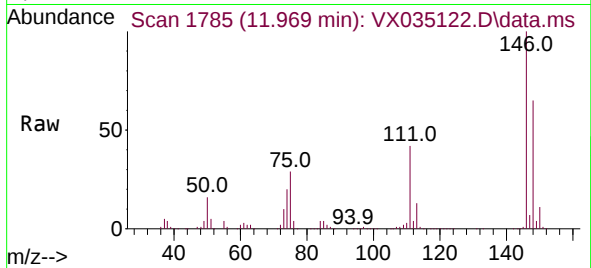




#64
1,3-Dichlorobenzene
Concen: 53.207 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

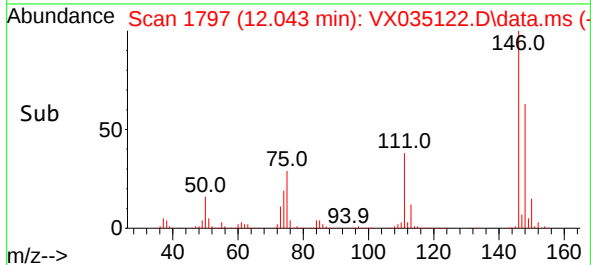
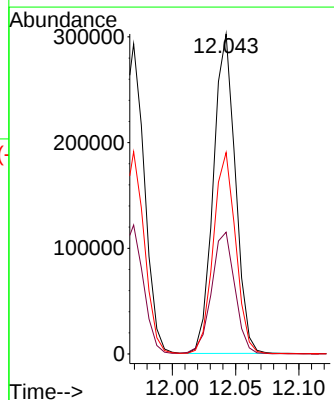
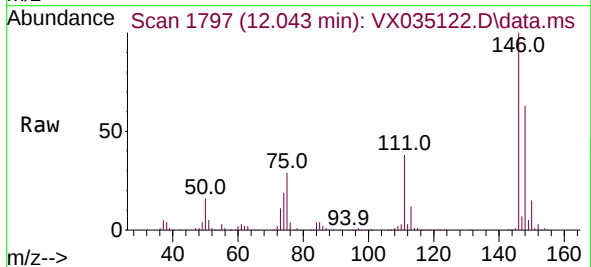
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

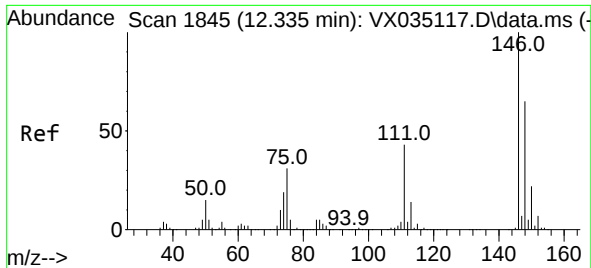
Tgt Ion:146 Resp: 359592
Ion Ratio Lower Upper
146 100
111 41.6 28.9 53.7
148 65.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 52.861 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion:146 Resp: 365566
Ion Ratio Lower Upper
146 100
111 38.1 27.9 51.7
148 62.9 45.9 85.3

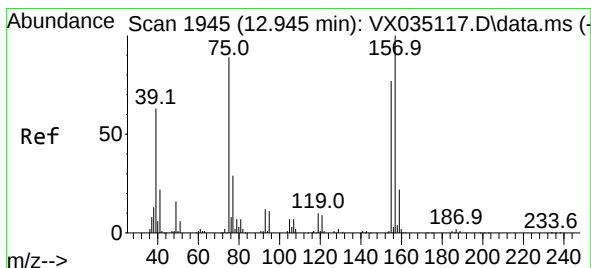
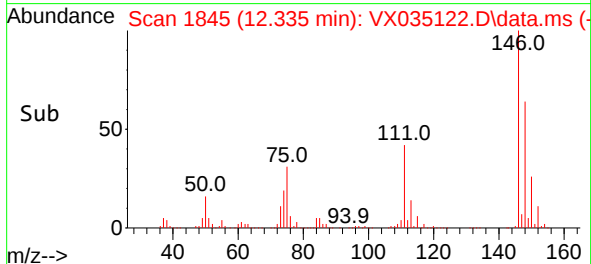
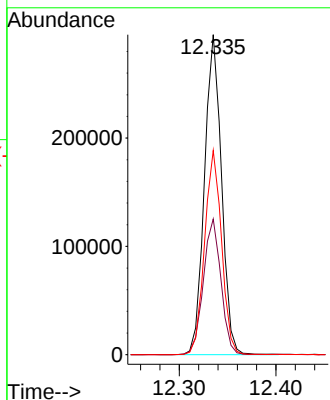
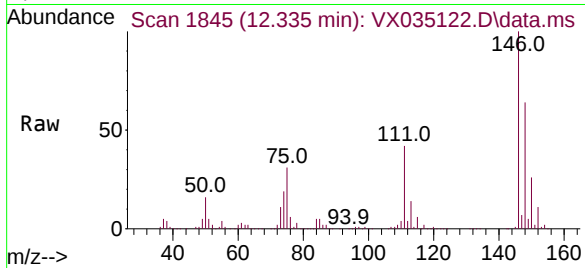




#67
1,2-Dichlorobenzene
Concen: 52.843 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

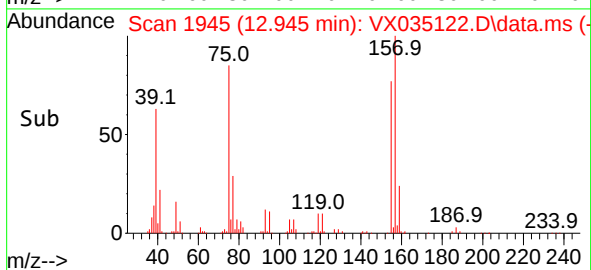
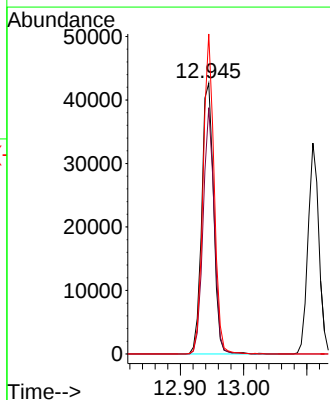
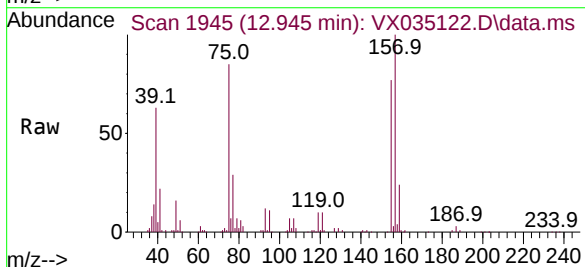
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

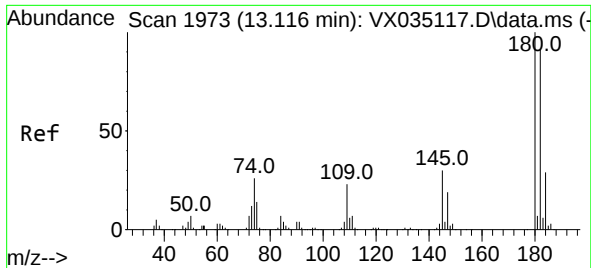
Tgt Ion:146 Resp: 362111
Ion Ratio Lower Upper
146 100
111 42.4 34.7 52.1
148 63.8 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 56.009 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion: 75 Resp: 55606
Ion Ratio Lower Upper
75 100
155 90.9 69.9 104.9
157 118.2 90.4 135.6

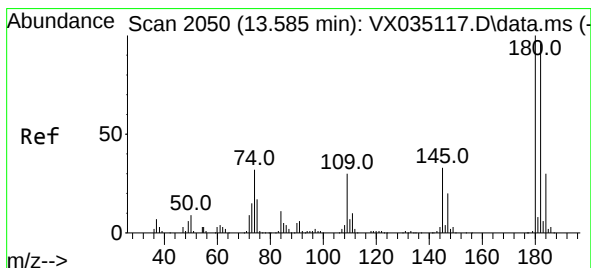
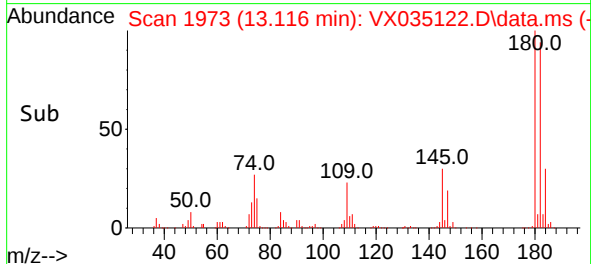
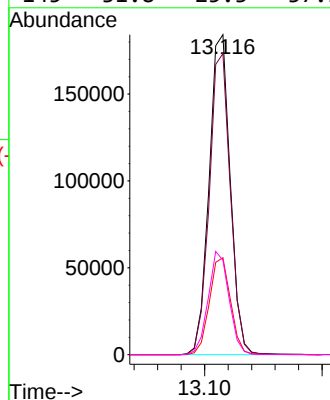
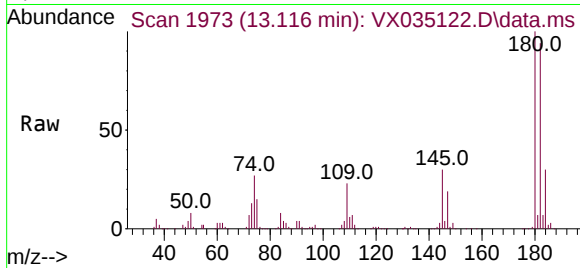




#69
1,3,5-Trichlorobenzene
Concen: 55.220 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

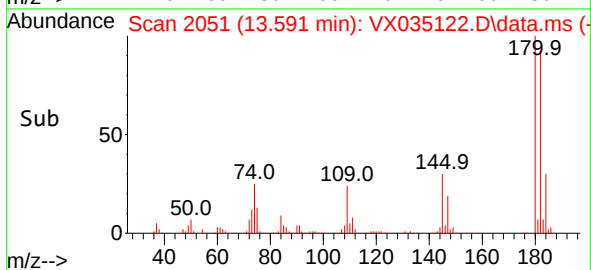
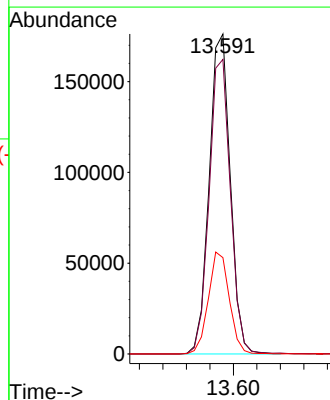
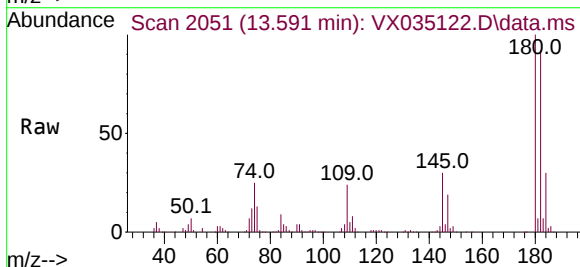
Instrument :
MSVOA_X
ClientSampleId :
VSTD050627

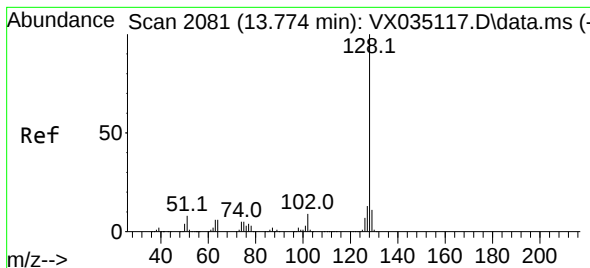
Tgt Ion:180 Resp: 230715
Ion Ratio Lower Upper
180 100
182 93.5 75.4 113.0
184 30.3 23.8 35.8
145 31.8 25.3 37.9



#70
1,2,4-trichlorobenzene
Concen: 56.096 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035122.D
Acq: 18 Apr 2023 14:47

Tgt Ion:180 Resp: 219458
Ion Ratio Lower Upper
180 100
182 93.1 76.6 114.8
145 31.7 26.2 39.4





#71

Naphthalene

Concen: 55.597 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD050627

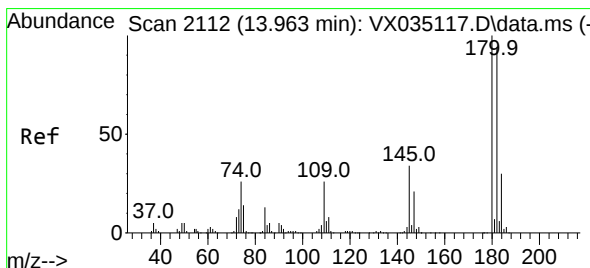
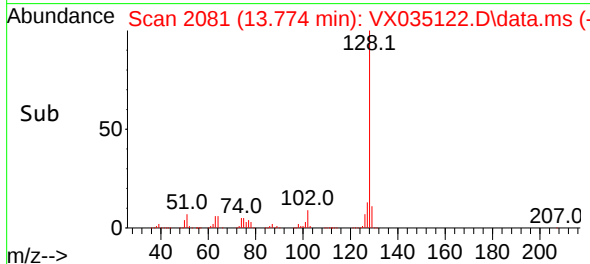
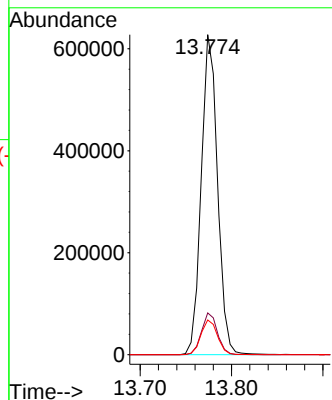
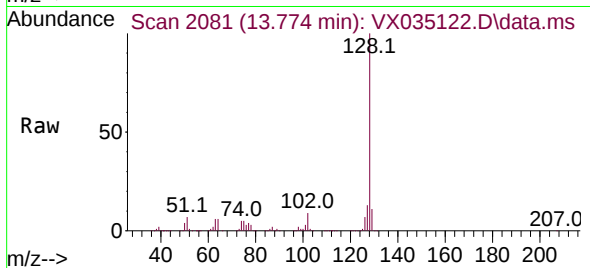
Tgt Ion:128 Resp: 774770

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 55.577 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035122.D

Acq: 18 Apr 2023 14:47

Tgt Ion:180 Resp: 214649

Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.6

145 34.2 27.1 40.7

