

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035117.D
 Acq On : 18 Apr 2023 12:50
 Operator : JC/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050634

Quant Time: Apr 19 00:31:47 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	6.757	114	503184	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	441564	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	212793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	168169	51.832	ug/L	0.00
7) Chloroethane-d5	1.672	69	122905	52.423	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	79377	14.721	ug/L	0.00
21) 2-Butanone-d5	4.465	46	231417	106.821	ug/L	0.00
24) Chloroform-d	5.056	84	320582	52.467	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	200885	51.198	ug/L	0.00
32) Benzene-d6	5.970	84	656583	51.763	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	202714	52.318	ug/L	0.00
41) Toluene-d8	8.647	98	604036	52.105	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	89881	53.081	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	168466	108.272	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	251351	52.970	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	214314	51.972	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	196366	52.070	ug/L	100
3) Chloromethane	1.294	50	179965	52.438	ug/L	100
5) Vinyl chloride	1.374	62	186397	52.336	ug/L	100
6) Bromomethane	1.618	94	111436	52.681	ug/L	100
8) Chloroethane	1.691	64	105607	53.167	ug/L	100
9) Trichlorofluoromethane	1.886	101	251744	52.198	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	172281	52.288	ug/L	100
12) 1,1-Dichloroethene	2.319	96	157708	52.461	ug/L	100
13) Acetone	2.398	43	166297	103.701	ug/L	100
14) Carbon disulfide	2.514	76	386703	52.065	ug/L	100
15) Methyl Acetate	2.709	43	181073	52.711	ug/L	100
16) Methylene chloride	2.788	84	171953	51.371	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	159362	51.481	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	561031	52.406	ug/L	100
19) 1,1-Dichloroethane	3.611	63	309094	51.798	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	188855	52.181	ug/L	100
22) 2-Butanone	4.562	43	262482	106.637	ug/L	100
23) Bromochloromethane	4.897	128	93929	52.400	ug/L	100
25) Chloroform	5.093	83	317122	52.416	ug/L	100
27) 1,2-Dichloroethane	6.086	62	253570	52.327	ug/L	100
29) Cyclohexane	5.471	56	276392	51.804	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	272923	52.700	ug/L	100
31) Carbon tetrachloride	5.678	117	230916	52.583	ug/L	100
33) Benzene	6.038	78	698374	52.226	ug/L	100
34) Trichloroethene	7.123	95	183675	51.635	ug/L	100
35) Methylcyclohexane	7.379	83	250596	52.311	ug/L	100
37) 1,2-Dichloropropane	7.428	63	184273	52.341	ug/L	100
38) Bromodichloromethane	7.824	83	220665	53.047	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	286024	54.334	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	494730	106.602	ug/L	100
42) Toluene	8.720	91	730152	52.628	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	258836	54.569	ug/L	100

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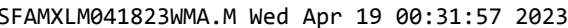
Instrument :
 MSVOA_X
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 VSTD050634

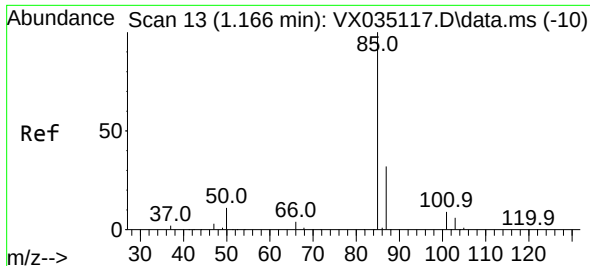
Quant Time: Apr 19 00:31:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	174569	52.253	ug/L	100
46) Tetrachloroethene	9.275	164	140046	52.853	ug/L	100
48) 2-Hexanone	9.427	43	389587	110.563	ug/L	100
49) Dibromochloromethane	9.519	129	170642	53.747	ug/L	100
50) 1,2-Dibromoethane	9.610	107	184439	53.057	ug/L	100
51) Chlorobenzene	10.079	112	473539	51.808	ug/L	100
52) Ethylbenzene	10.195	91	807763	52.669	ug/L	100
53) m,p-Xylene	10.299	106	311468	53.036	ug/L	100
54) o-Xylene	10.640	106	304960	52.817	ug/L	100
55) Styrene	10.653	104	524935	53.660	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	261109	53.033	ug/L	100
59) Bromoform	10.799	173	117776	53.767	ug/L	100
60) Isopropylbenzene	10.963	105	765760	52.923	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	207330	52.773	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	629191	53.173	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	632986	53.798	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	346607	52.523	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	352900	52.261	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	348104	52.024	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	53759	55.455	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	215316	52.778	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	201353	52.709	ug/L	100
71) Naphthalene	13.774	128	744731	54.730	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	202377	53.664	ug/L	100

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

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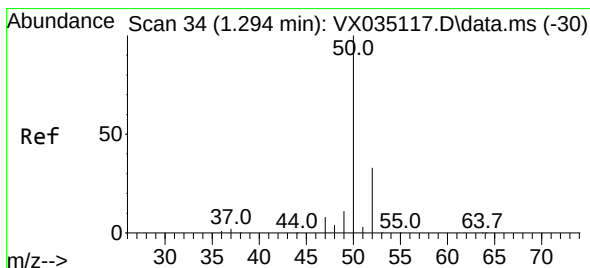
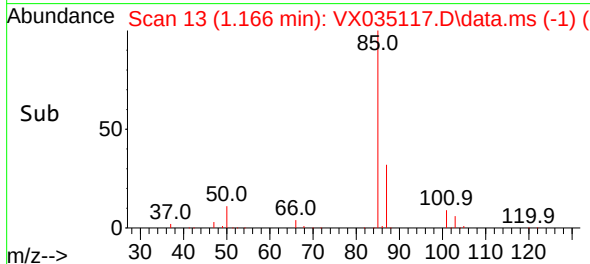
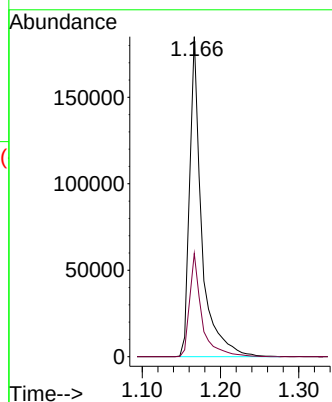
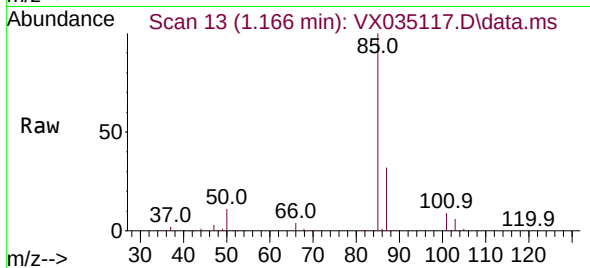




#2
 Dichlorodifluoromethane
 Concen: 52.070 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035117.D
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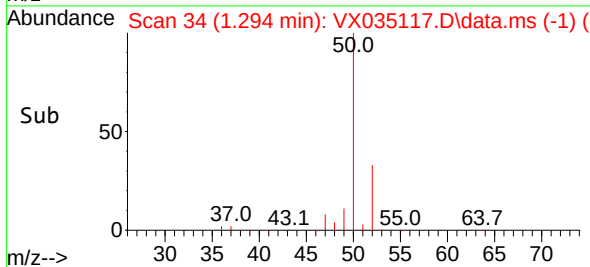
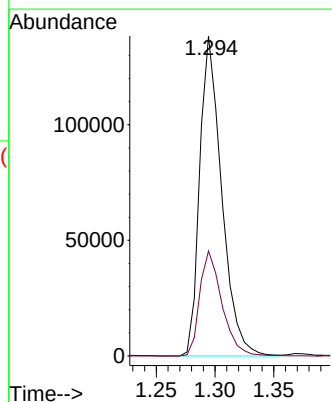
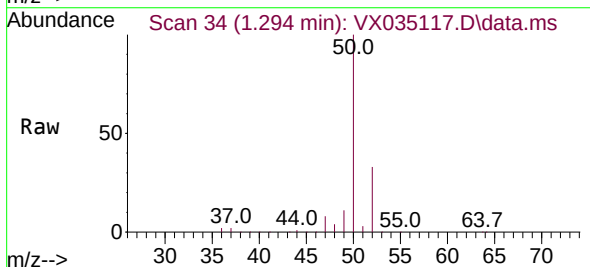
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050634

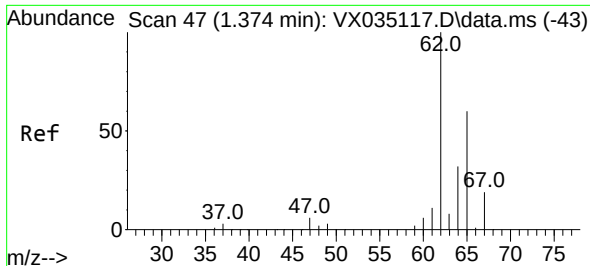
Tgt Ion: 85 Resp: 196366
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 52.438 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX035117.D
 Acq: 18 Apr 2023 12:50

Tgt Ion: 50 Resp: 179965
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6

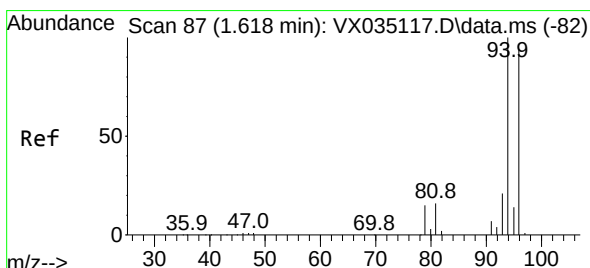
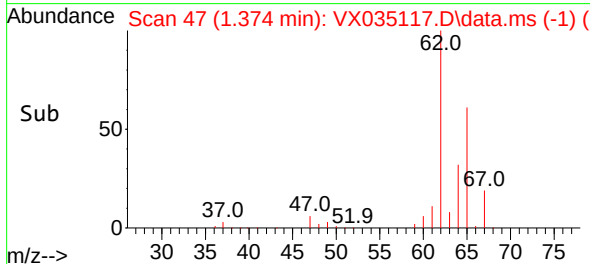
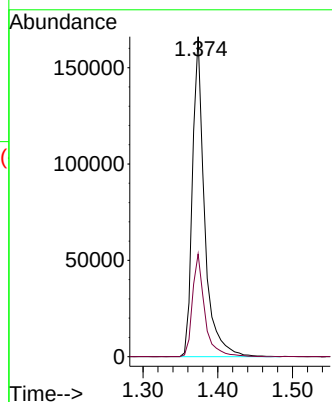
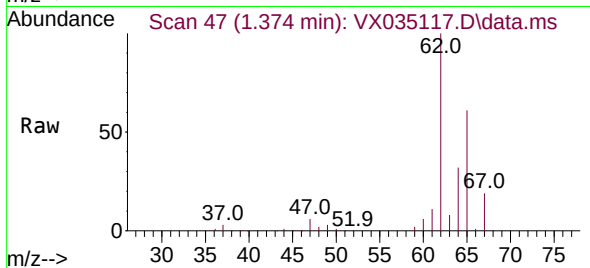




#5
 Vinyl chloride
 Concen: 52.336 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035117.D
 Acq: 18 Apr 2023 12:50

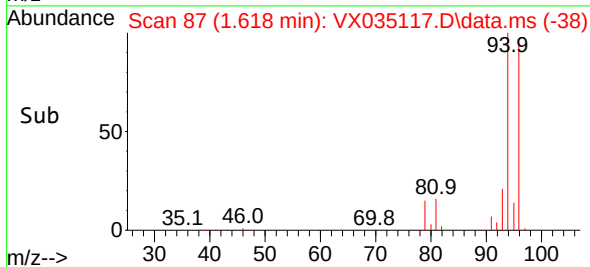
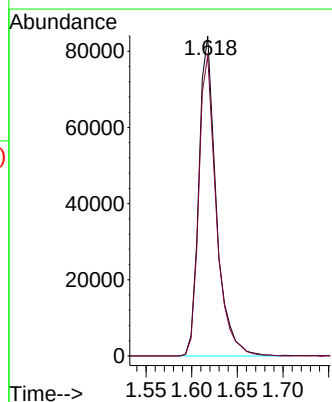
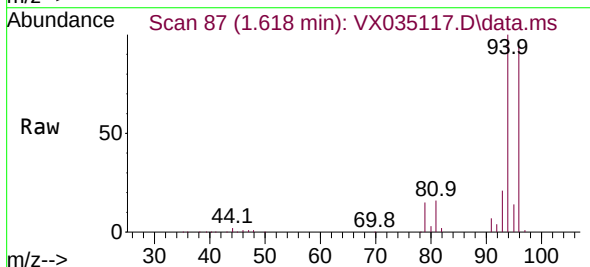
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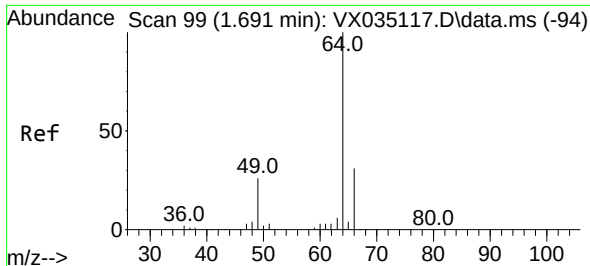
Tgt Ion: 62 Resp: 186397
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.5 41.7



#6
 Bromomethane
 Concen: 52.681 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX035117.D
 Acq: 18 Apr 2023 12:50

Tgt Ion: 94 Resp: 111436
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.7 121.9

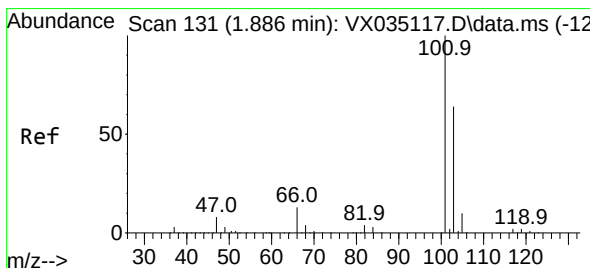
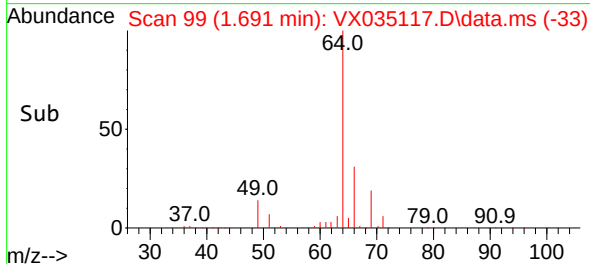
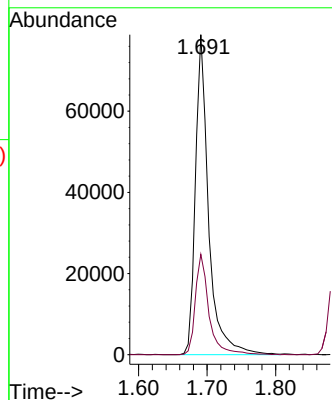
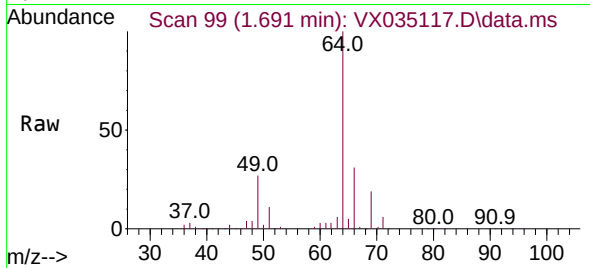




#8
Chloroethane
Concen: 53.167 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

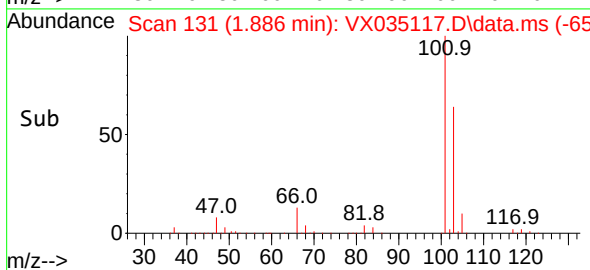
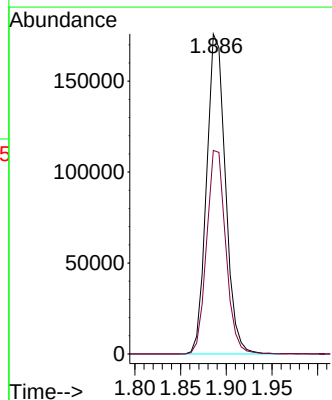
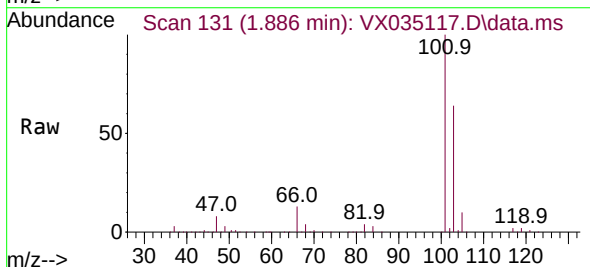
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ClientSampleId :
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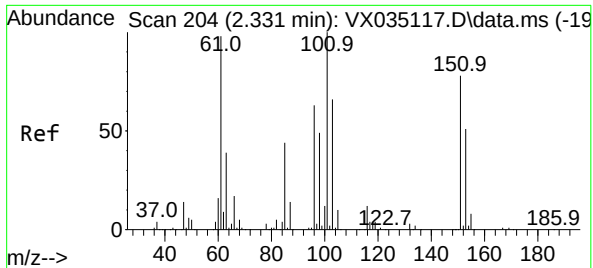
Tgt Ion: 64 Resp: 105607
Ion Ratio Lower Upper
64 100
66 31.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 52.198 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion: 101 Resp: 251744
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

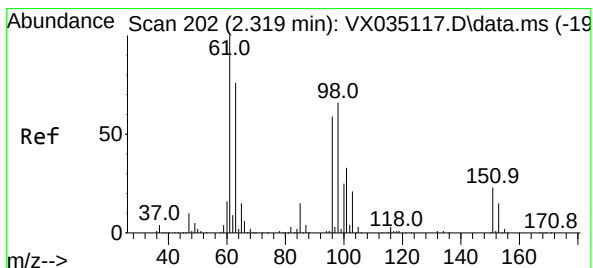
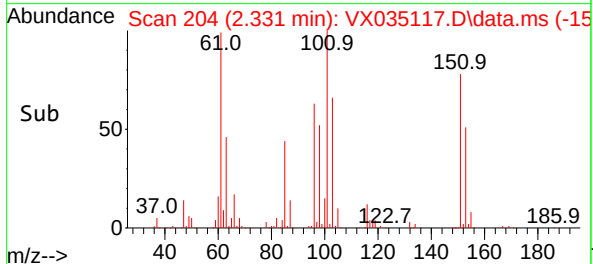
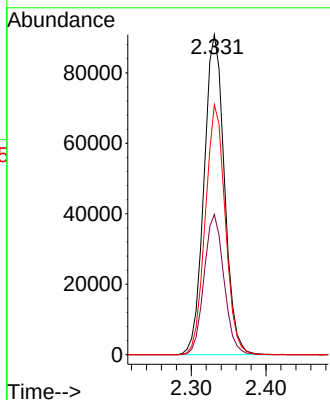
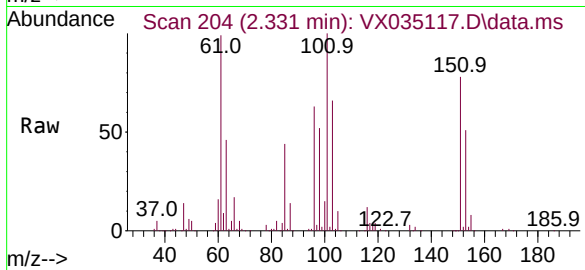




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.288 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX035117.D
 Acq: 18 Apr 2023 12:50

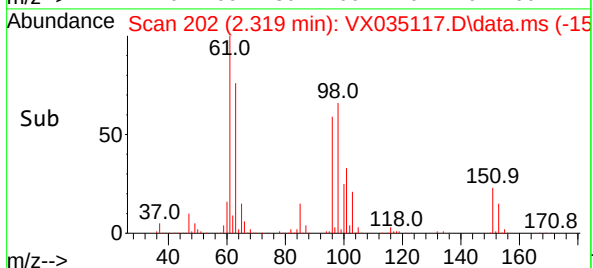
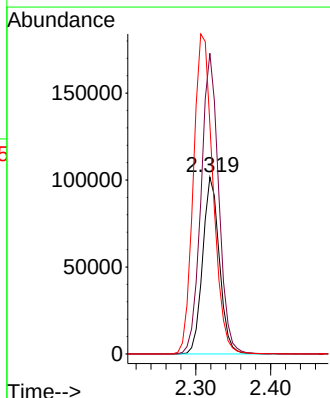
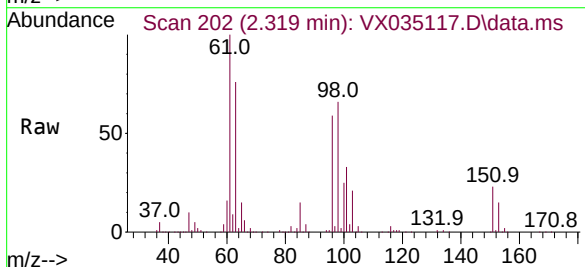
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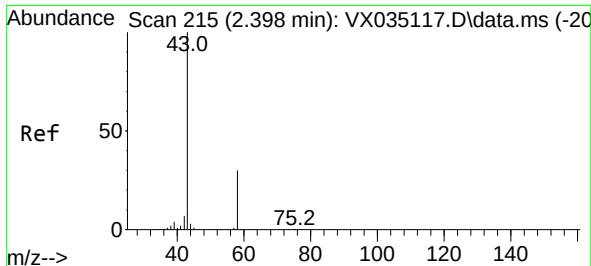
Tgt Ion: 101 Resp: 172281
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.2 51.2
 151 76.4 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 52.461 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX035117.D
 Acq: 18 Apr 2023 12:50

Tgt Ion: 96 Resp: 157708
 Ion Ratio Lower Upper
 96 100
 61 170.0 119.0 221.0
 63 130.0 91.0 169.0





#13

Acetone

Concen: 103.701 ug/L

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

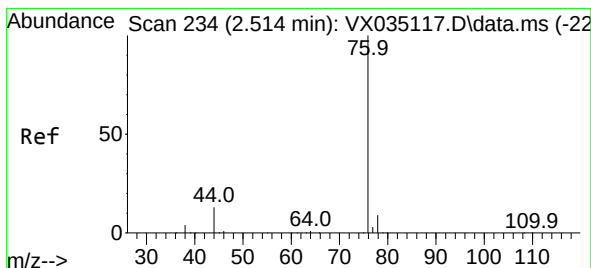
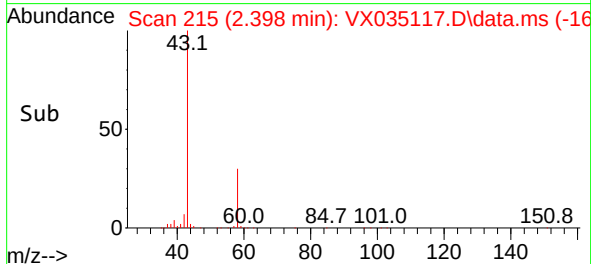
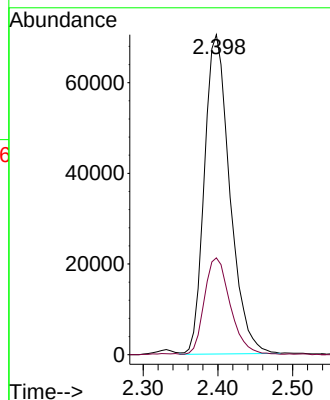
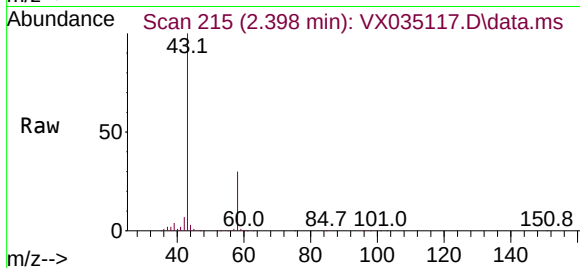
VSTD050634

Tgt Ion: 43 Resp: 166297

Ion Ratio Lower Upper

43 100

58 31.0 0.0 62.0



#14

Carbon disulfide

Concen: 52.065 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035117.D

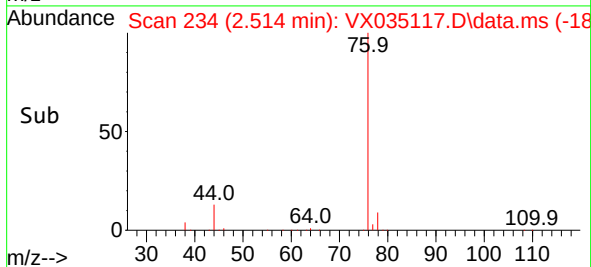
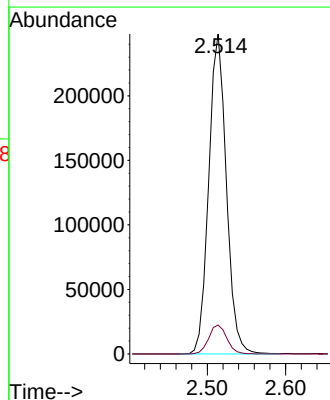
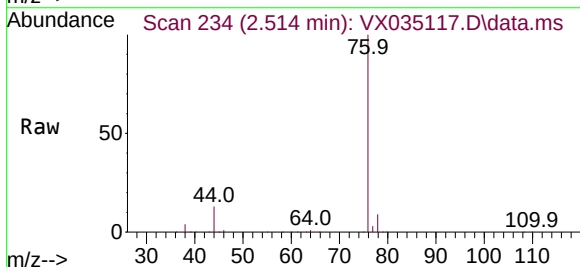
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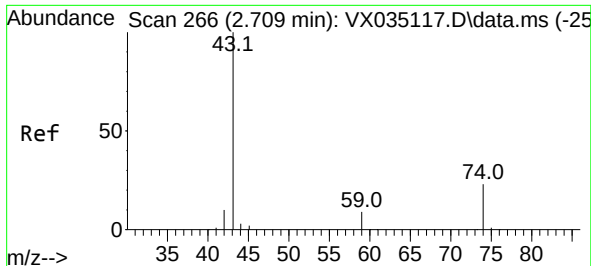
Tgt Ion: 76 Resp: 386703

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

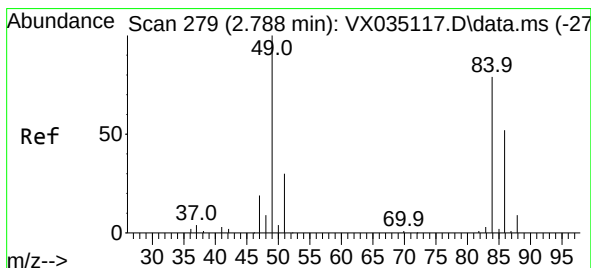
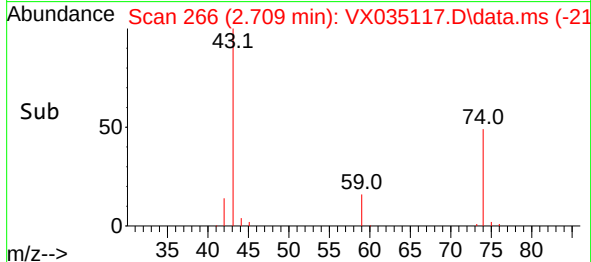
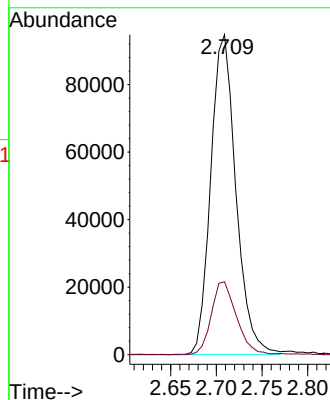
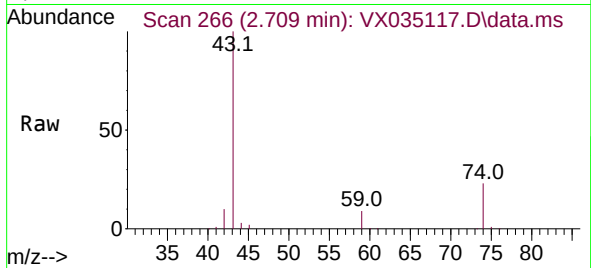




#15
Methyl Acetate
Concen: 52.711 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

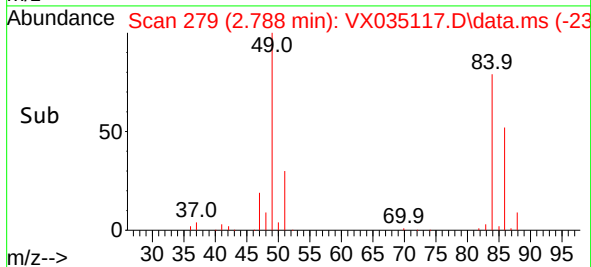
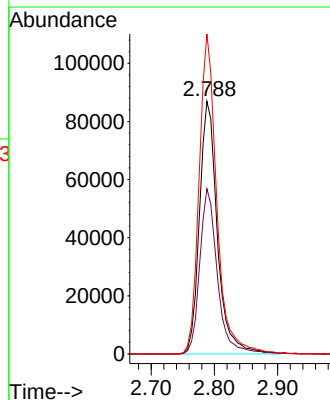
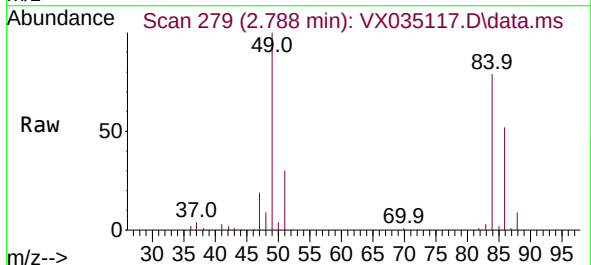
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MSVOA_X
ClientSampleId :
VSTD050634

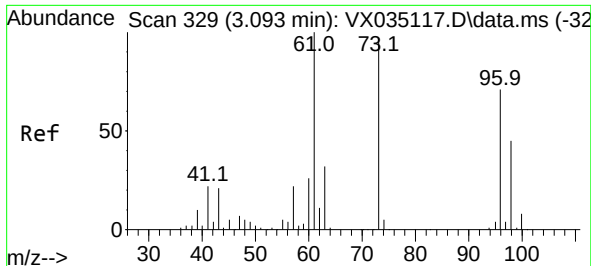
Tgt Ion: 43 Resp: 181073
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4



#16
Methylene chloride
Concen: 51.371 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion: 84 Resp: 171953
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 126.7 88.7 164.7



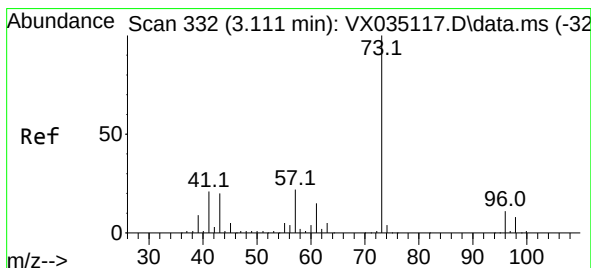
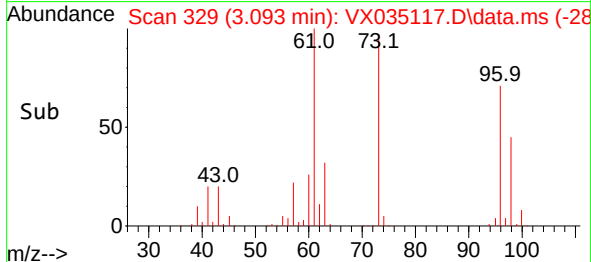
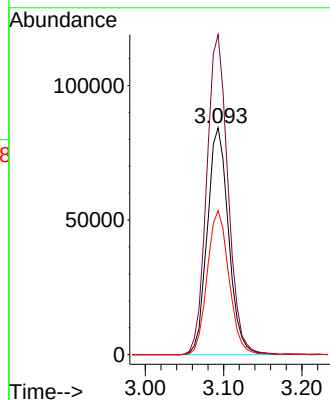
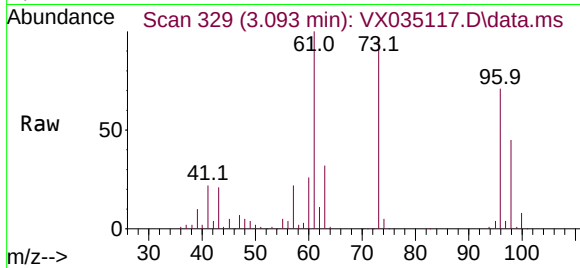


#17
 trans-1,2-Dichloroethene
 Concen: 51.481 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX035117.D
 Acq: 18 Apr 2023 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050634

Tgt Ion: 96 Resp: 159362

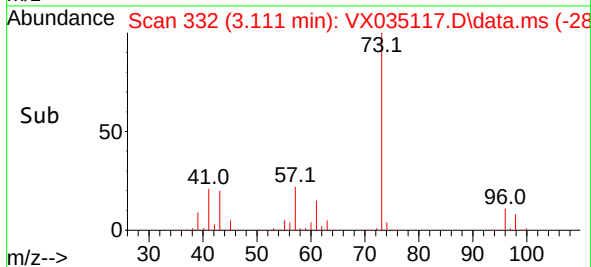
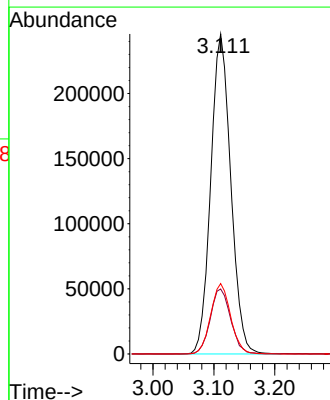
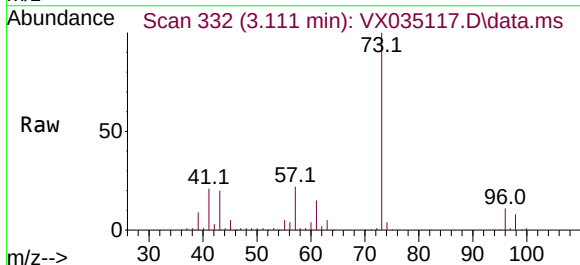
Ion	Ratio	Lower	Upper
96	100		
61	141.1	98.8	183.4
98	63.4	44.4	82.4

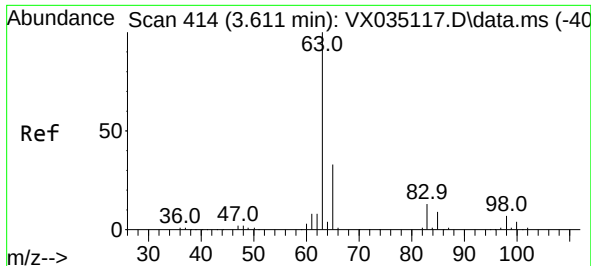


#18
 Methyl tert-butyl Ether
 Concen: 52.406 ug/L
 RT: 3.111 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VX035117.D
 Acq: 18 Apr 2023 12:50

Tgt Ion: 73 Resp: 561031

Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.6	25.0
57	21.9	17.5	26.3





#19

1,1-Dichloroethane

Concen: 51.798 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD050634

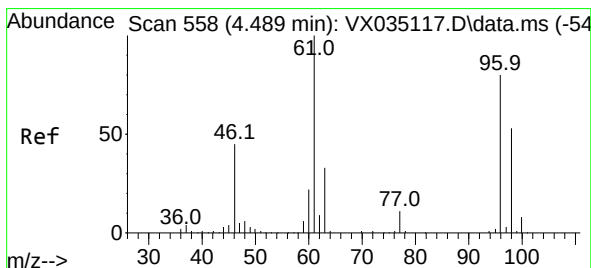
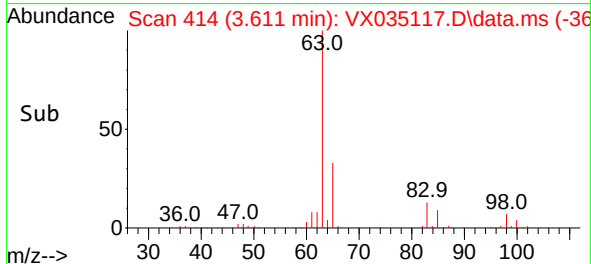
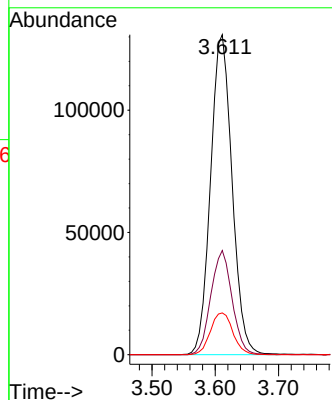
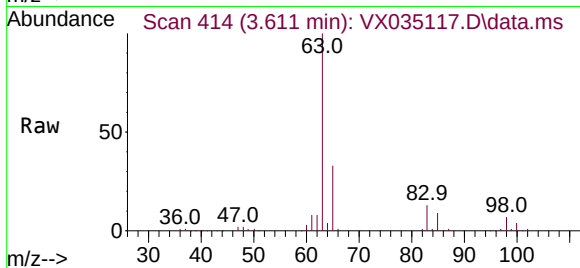
Tgt Ion: 63 Resp: 309094

Ion Ratio Lower Upper

63 100

65 32.6 22.8 42.4

83 13.0 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 52.181 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

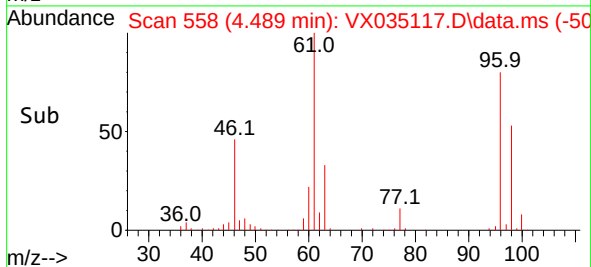
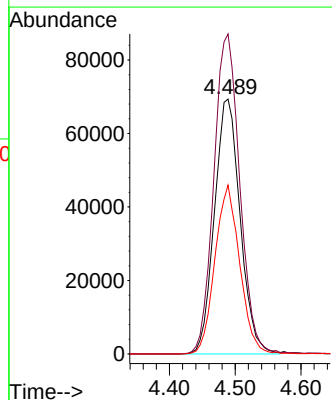
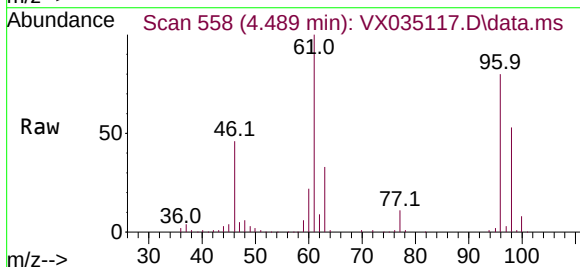
Tgt Ion: 96 Resp: 188855

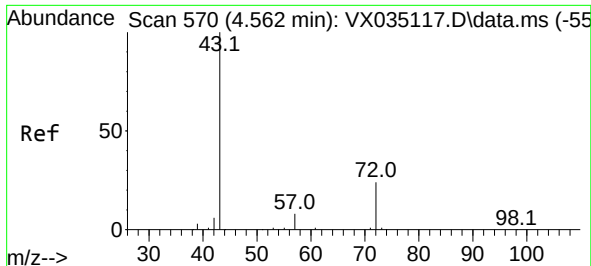
Ion Ratio Lower Upper

96 100

61 125.5 87.8 163.2

98 66.2 46.3 86.1

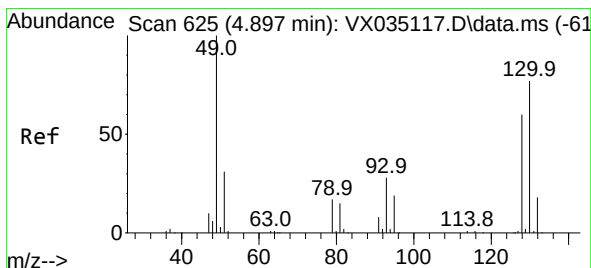
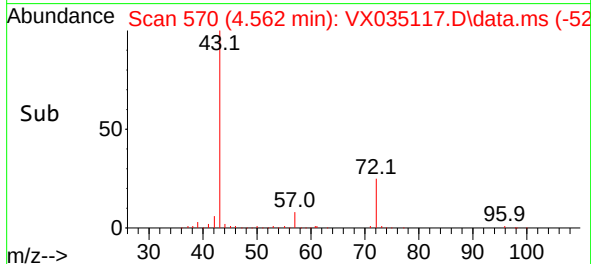
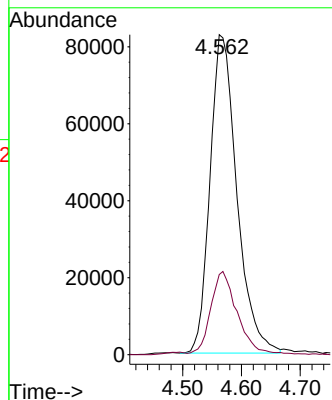
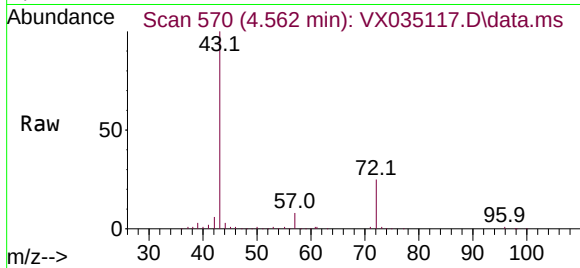




#22
2-Butanone
Concen: 106.637 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

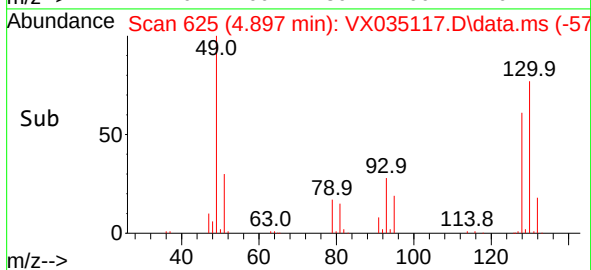
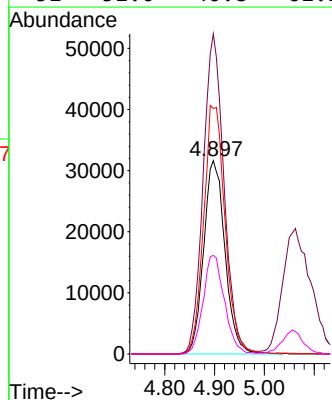
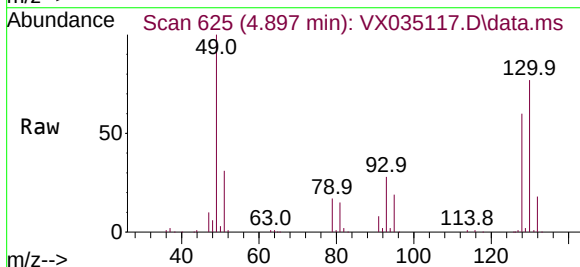
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

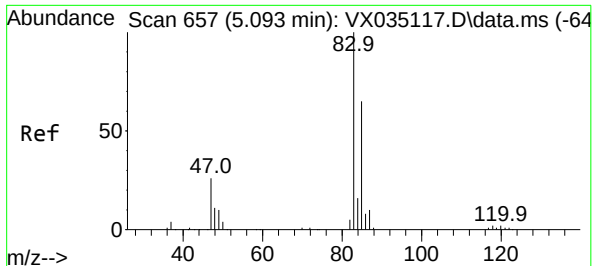
Tgt Ion: 43 Resp: 262482
Ion Ratio Lower Upper
43 100
72 24.8 12.4 37.2



#23
Bromochloromethane
Concen: 52.400 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion:128 Resp: 93929
Ion Ratio Lower Upper
128 100
49 165.6 115.9 215.3
130 127.0 88.9 165.1
51 51.0 40.8 61.2

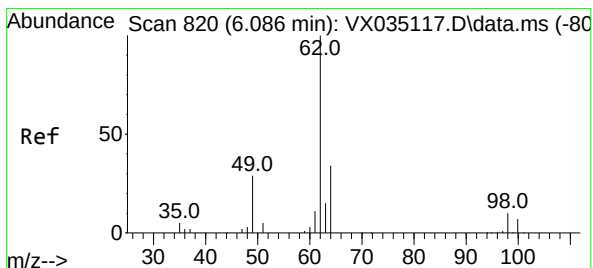
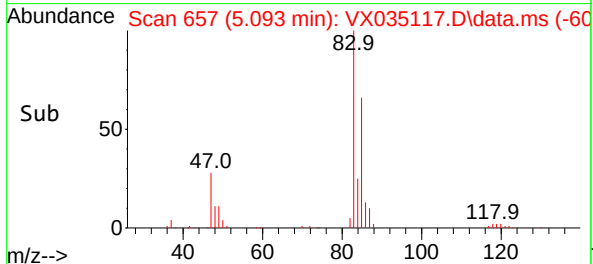
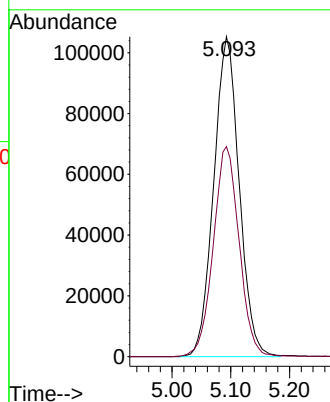
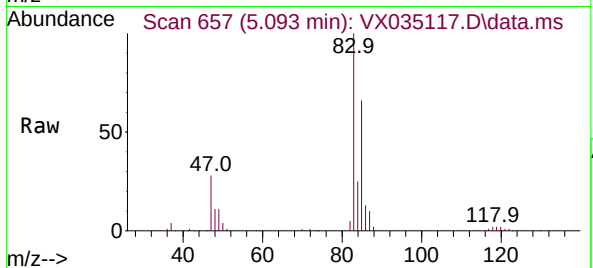




#25
Chloroform
Concen: 52.416 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

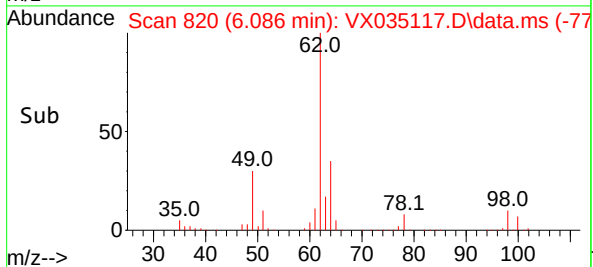
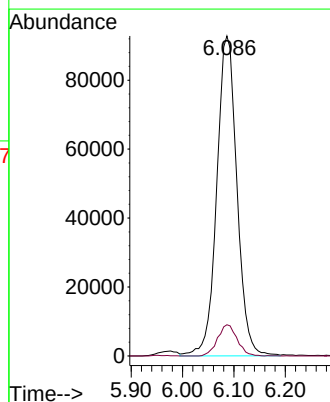
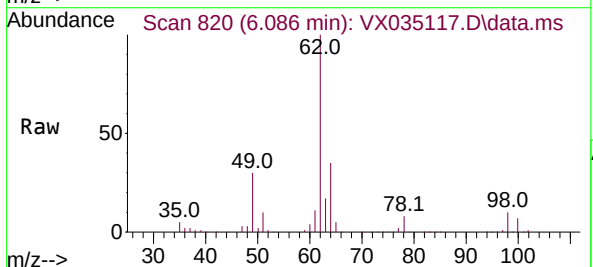
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

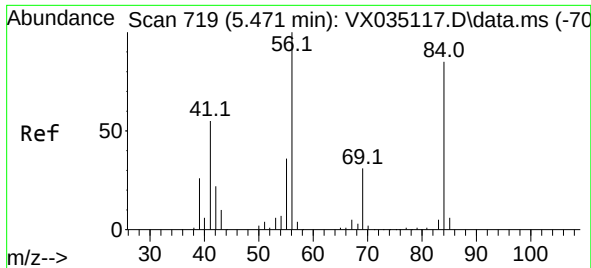
Tgt Ion: 83 Resp: 317122
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4



#27
1,2-Dichloroethane
Concen: 52.327 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion: 62 Resp: 253570
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8

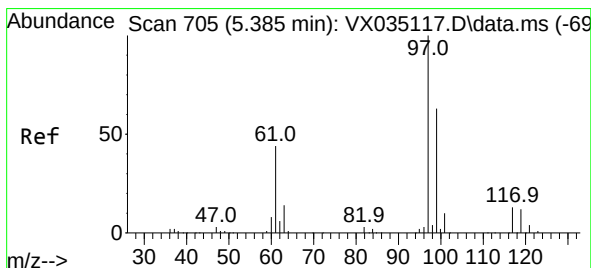
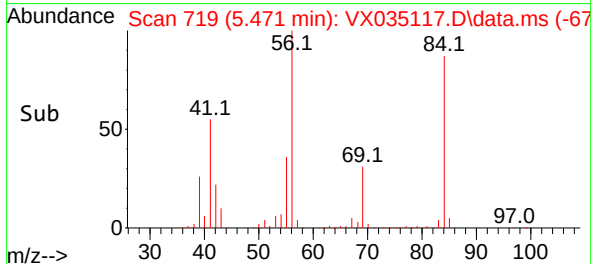
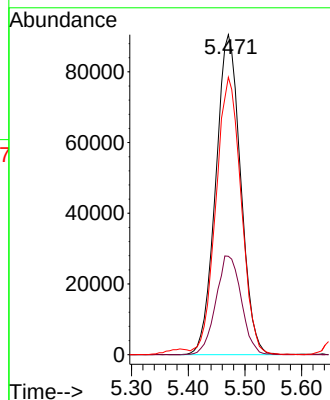
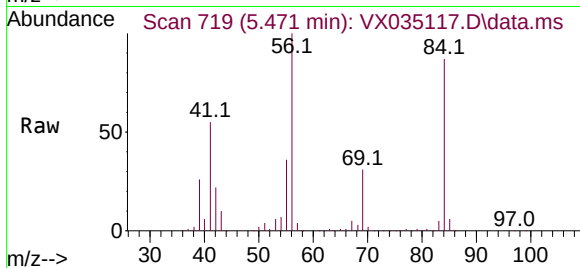




#29
Cyclohexane
Concen: 51.804 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

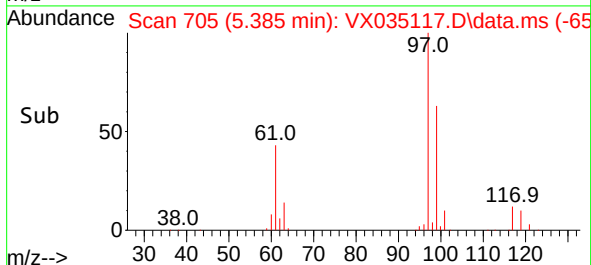
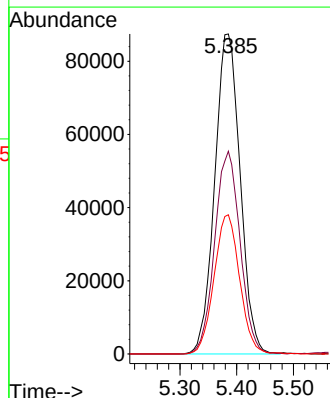
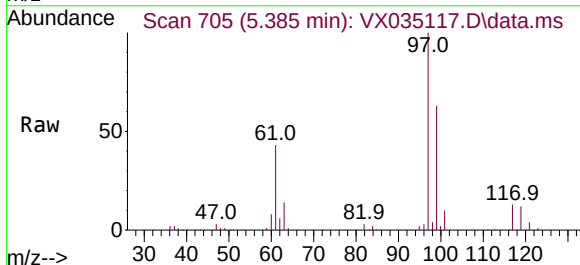
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

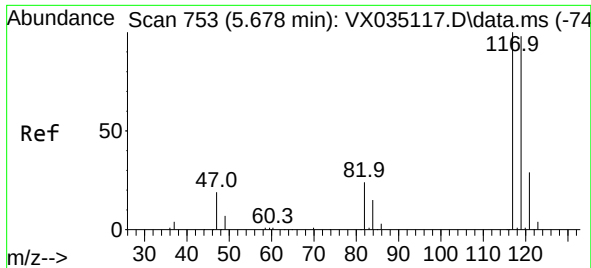
Tgt Ion: 56 Resp: 276392
Ion Ratio Lower Upper
56 100
69 31.4 25.1 37.7
84 87.6 70.1 105.1



#30
1,1,1-Trichloroethane
Concen: 52.700 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion: 97 Resp: 272923
Ion Ratio Lower Upper
97 100
99 63.2 50.6 75.8
61 43.6 34.9 52.3

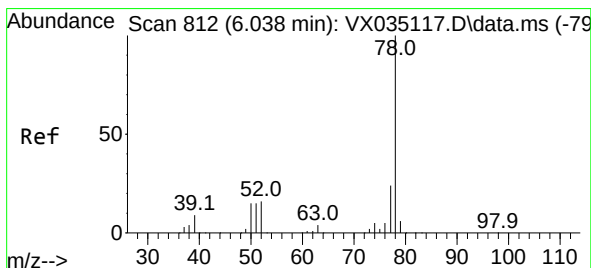
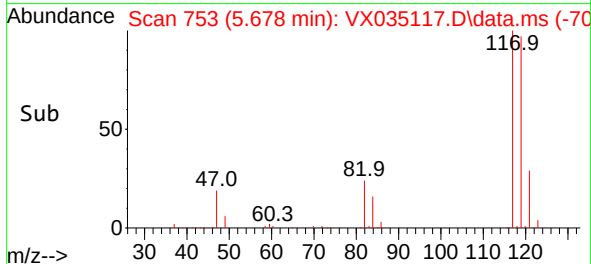
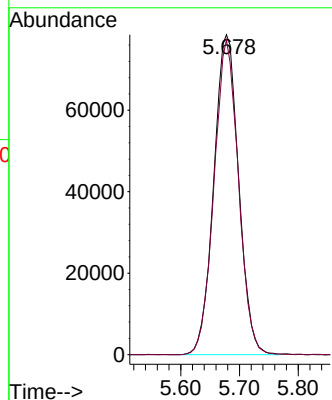
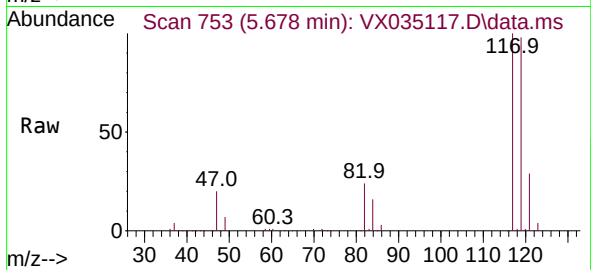




#31
Carbon tetrachloride
Concen: 52.583 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

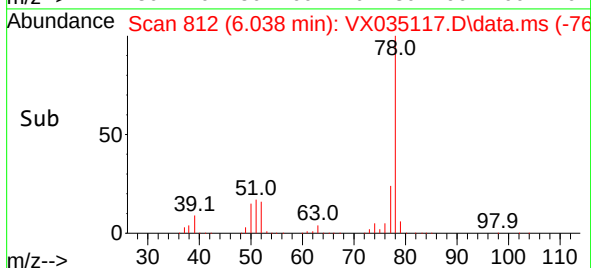
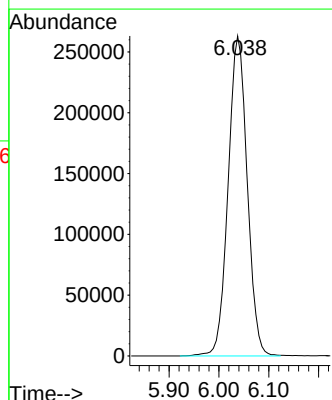
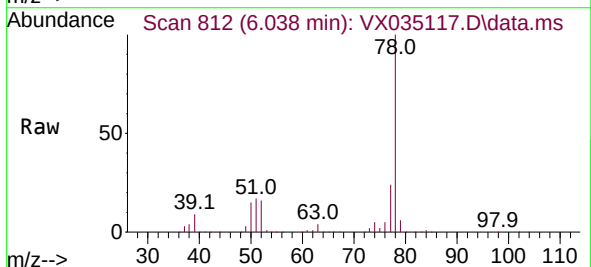
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

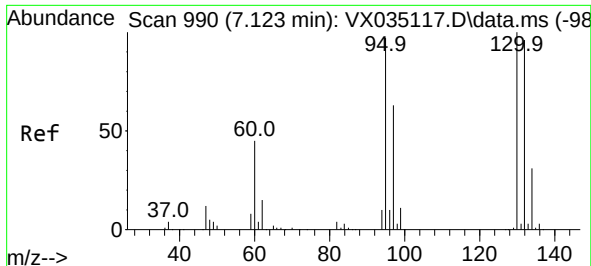
Tgt Ion:117 Resp: 230916
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 52.226 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion: 78 Resp: 698374

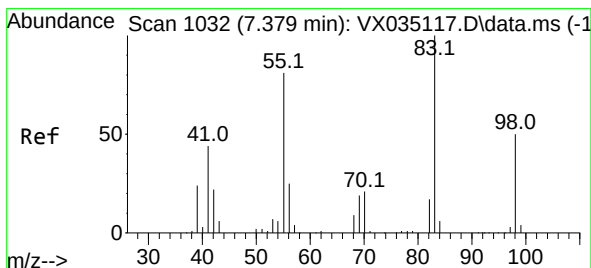
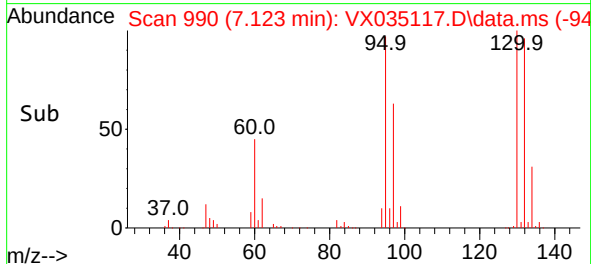
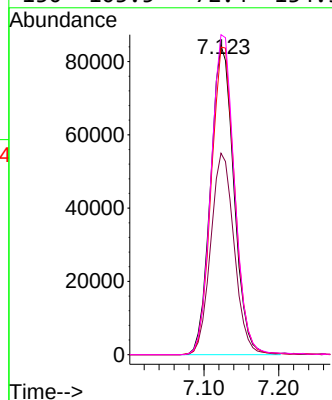
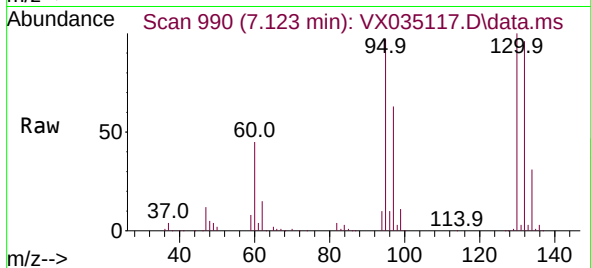




#34
Trichloroethene
Concen: 51.635 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

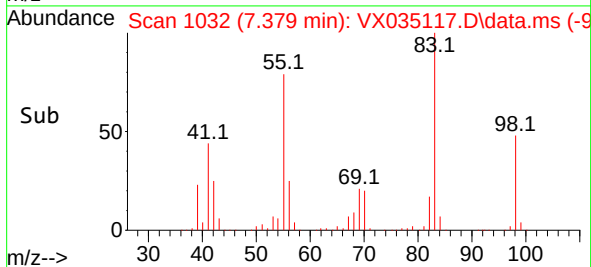
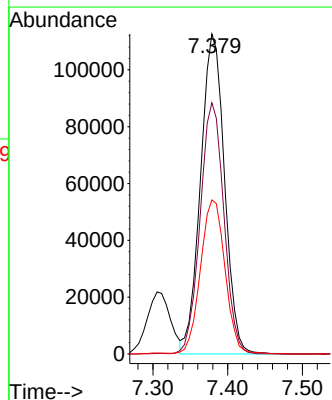
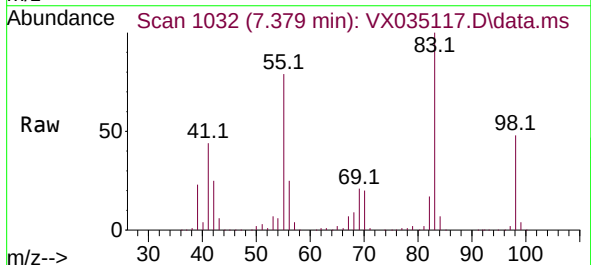
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

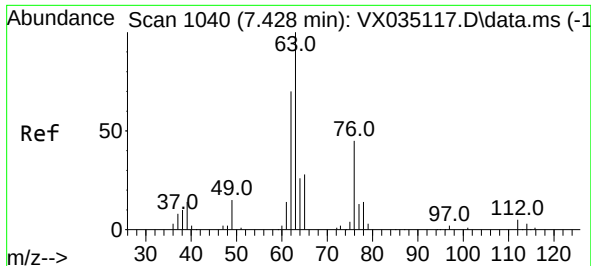
Tgt Ion: 95 Resp: 183675
Ion Ratio Lower Upper
95 100
97 65.2 45.6 84.8
132 99.5 69.7 129.4
130 103.5 72.4 134.5



#35
Methylcyclohexane
Concen: 52.311 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion: 83 Resp: 250596
Ion Ratio Lower Upper
83 100
55 77.7 62.2 93.2
98 49.1 39.3 58.9





#37

1,2-Dichloropropane

Concen: 52.341 ug/L

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

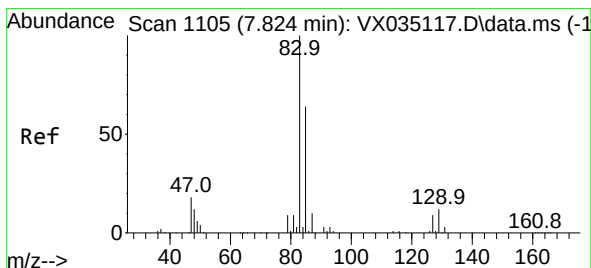
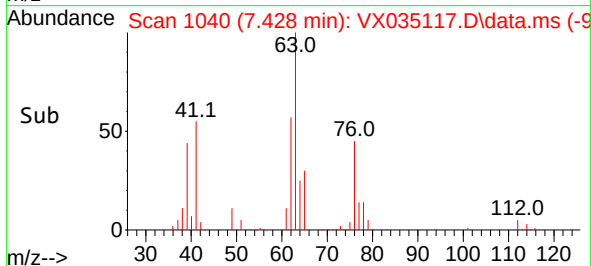
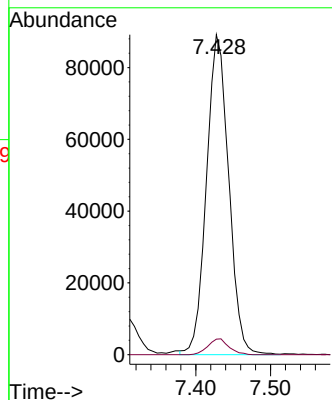
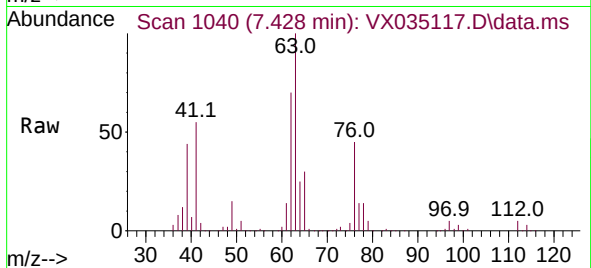
VSTD050634

Tgt Ion: 63 Resp: 184273

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 53.047 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

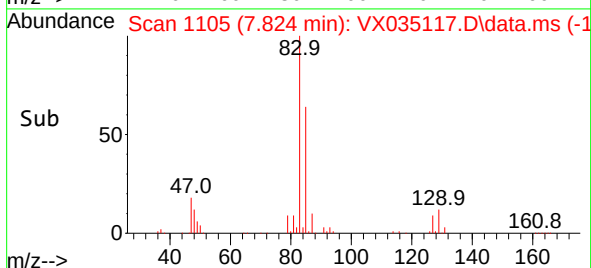
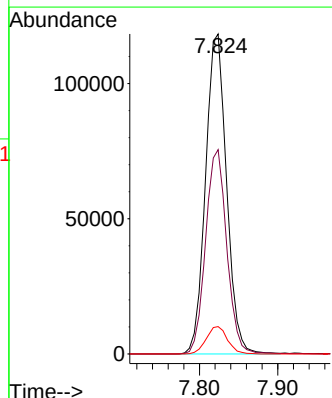
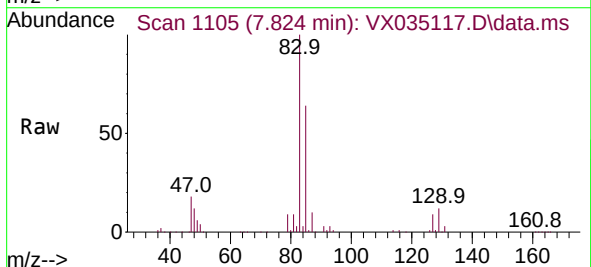
Tgt Ion: 83 Resp: 220665

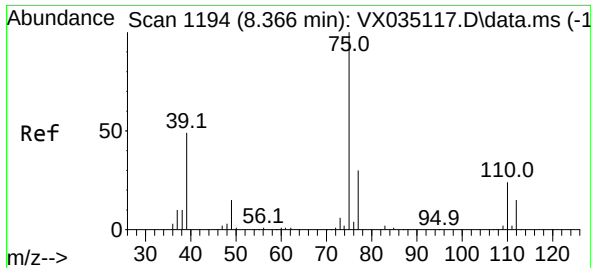
Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 54.334 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

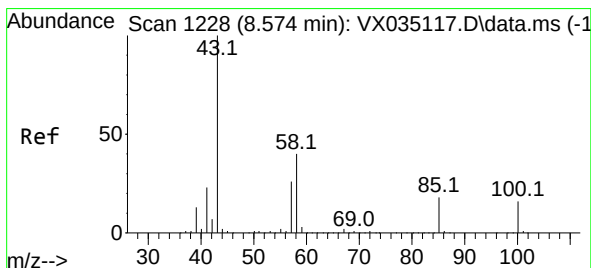
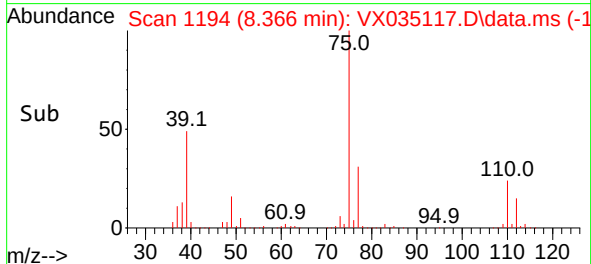
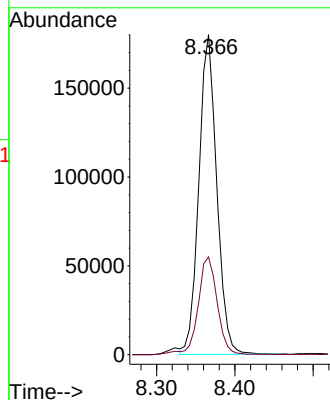
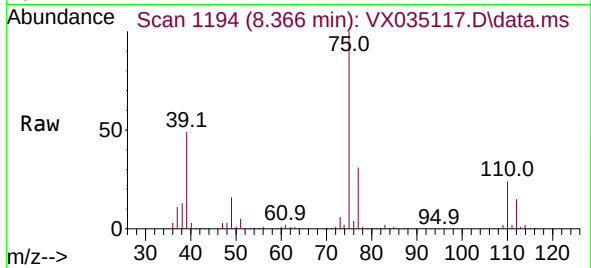
VSTD050634

Tgt Ion: 75 Resp: 286024

Ion Ratio Lower Upper

75 100

77 30.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 106.602 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

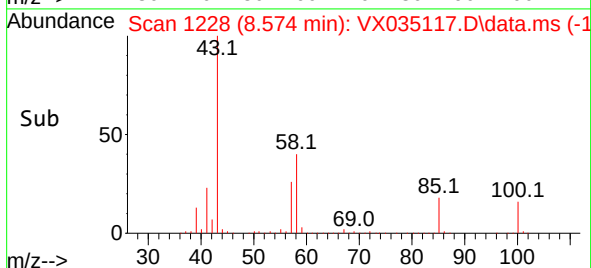
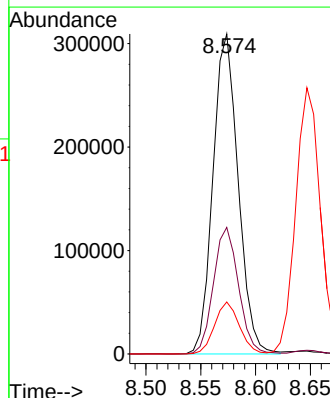
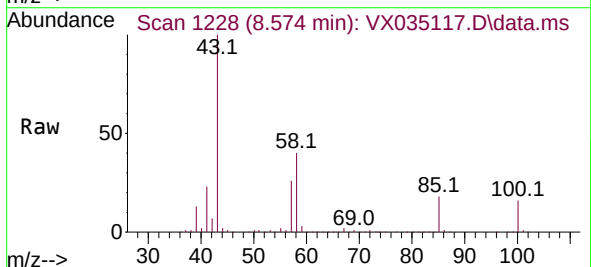
Tgt Ion: 43 Resp: 494730

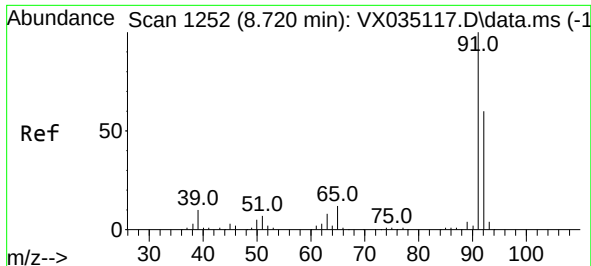
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 16.0 12.8 19.2





#42

Toluene

Concen: 52.628 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

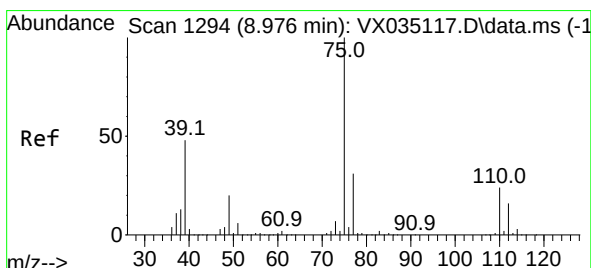
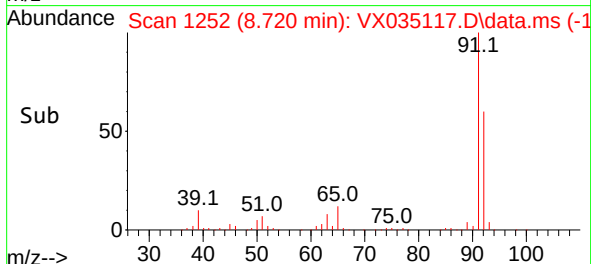
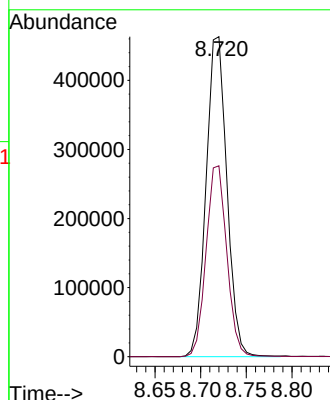
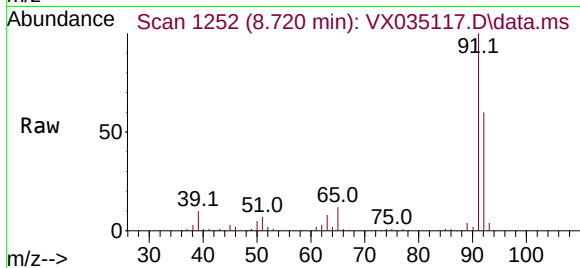
VSTD050634

Tgt Ion: 91 Resp: 730152

Ion Ratio Lower Upper

91 100

92 59.6 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 54.569 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035117.D

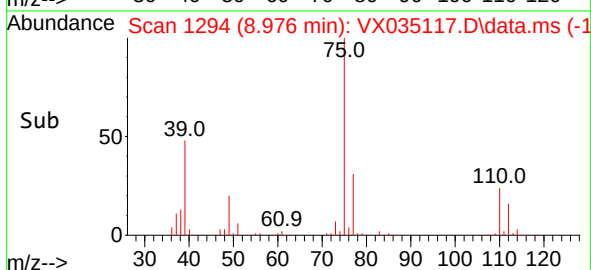
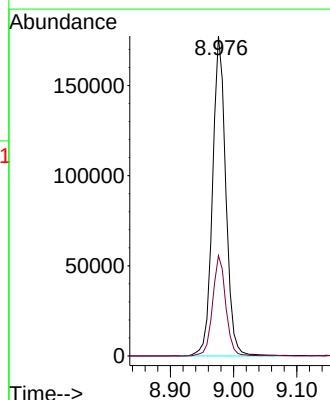
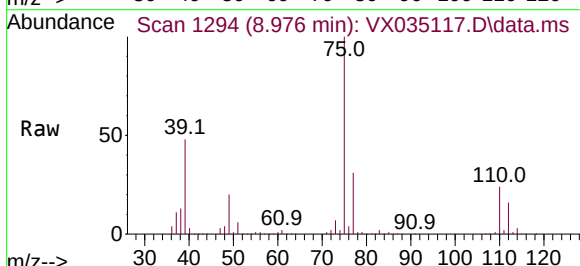
Acq: 18 Apr 2023 12:50

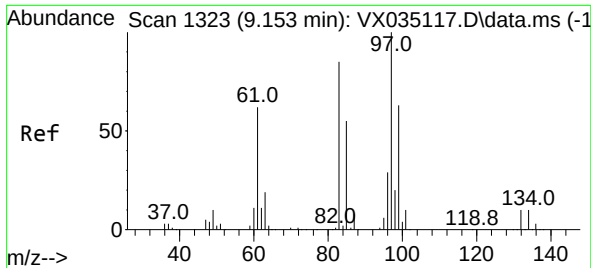
Tgt Ion: 75 Resp: 258836

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

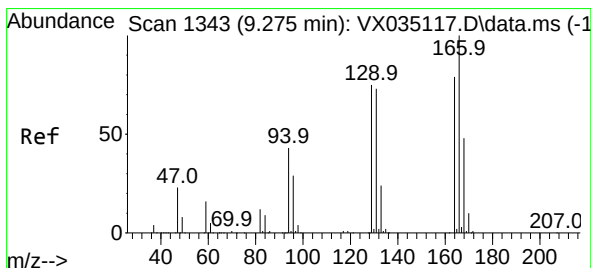
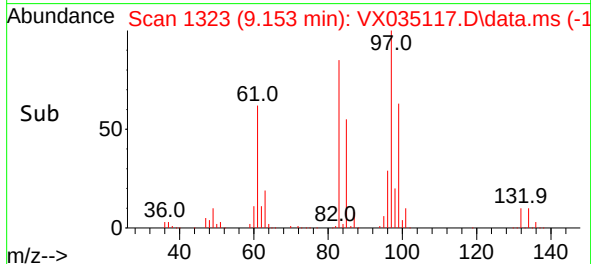
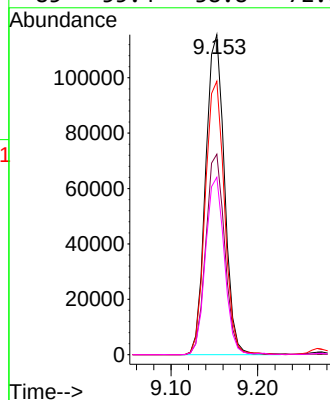
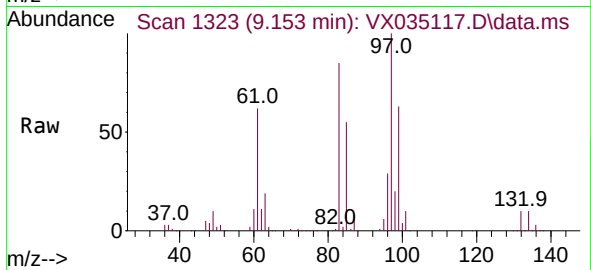




#45
1,1,2-Trichloroethane
Concen: 52.253 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

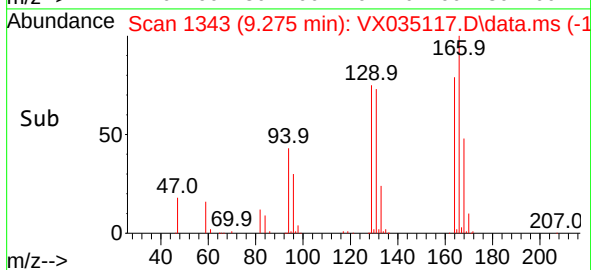
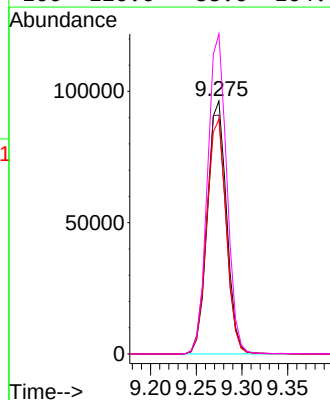
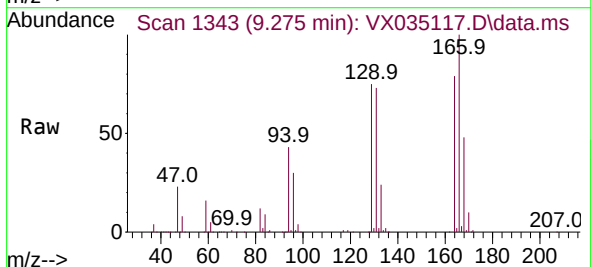
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

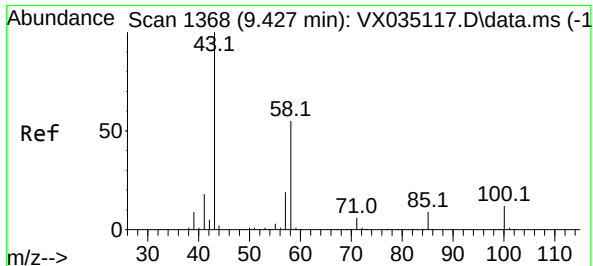
Tgt Ion:	97	Resp:	174569
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	85.4	59.8	111.0
85	55.4	38.8	72.0



#46
Tetrachloroethene
Concen: 52.853 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion:	164	Resp:	140046
Ion	Ratio	Lower	Upper
164	100		
129	94.5	66.1	122.8
131	92.9	65.0	120.8
166	126.6	88.6	164.6



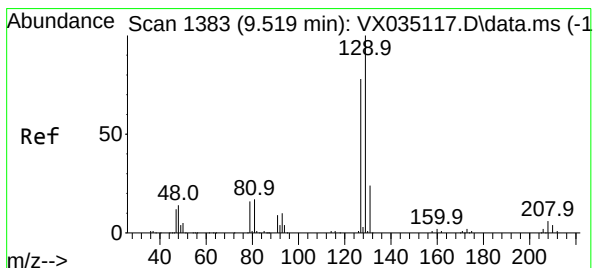
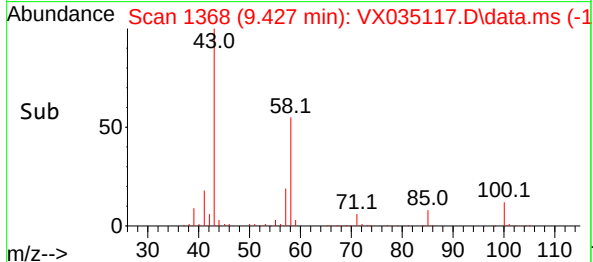
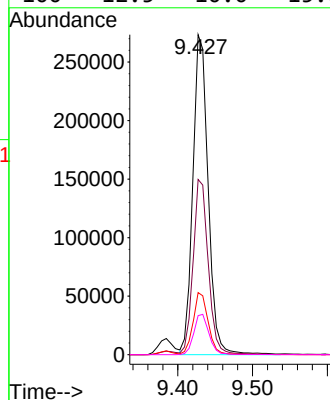
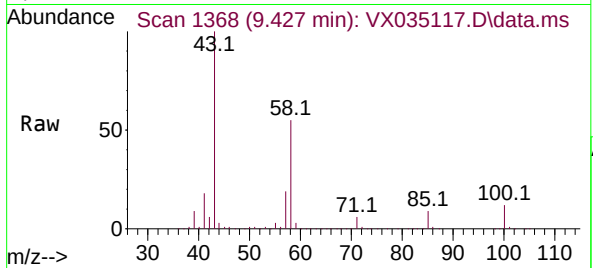


#48
2-Hexanone
Concen: 110.563 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

Tgt Ion: 43 Resp: 389587

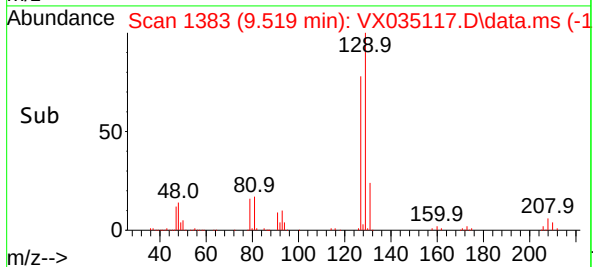
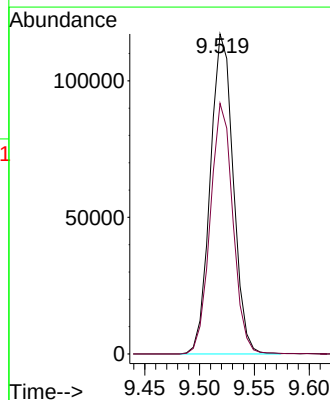
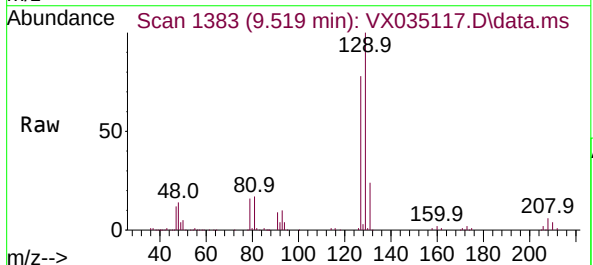
Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.2	64.8
57	19.2	15.4	23.0
100	12.5	10.0	15.0

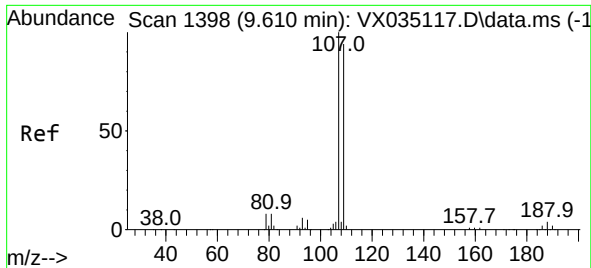


#49
Dibromochloromethane
Concen: 53.747 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion: 129 Resp: 170642

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.8	101.8

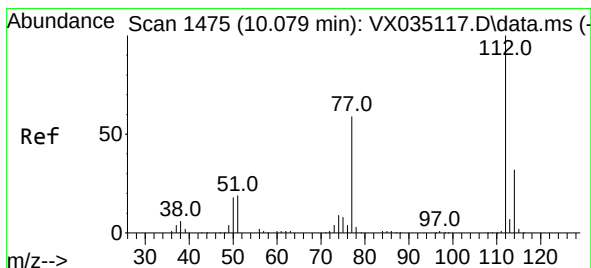
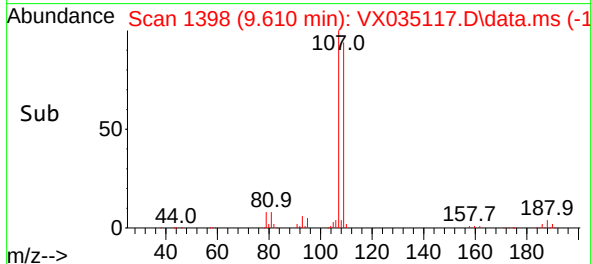
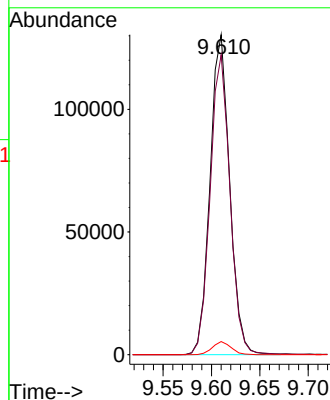
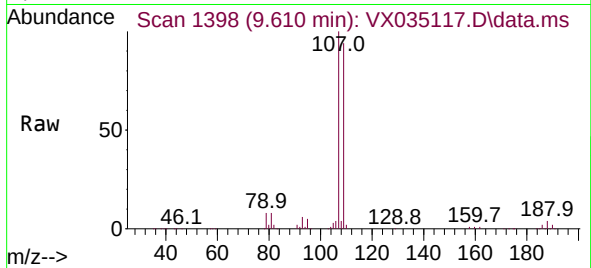




#50
1,2-Dibromoethane
Concen: 53.057 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

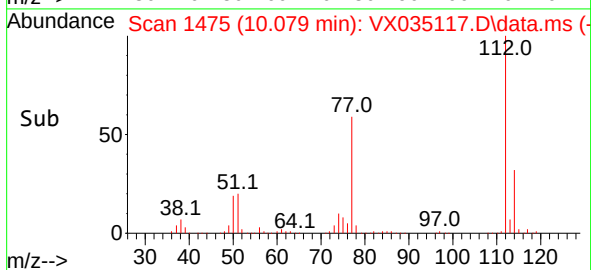
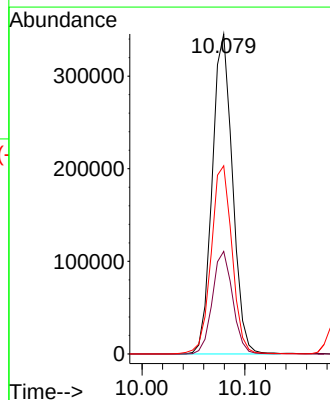
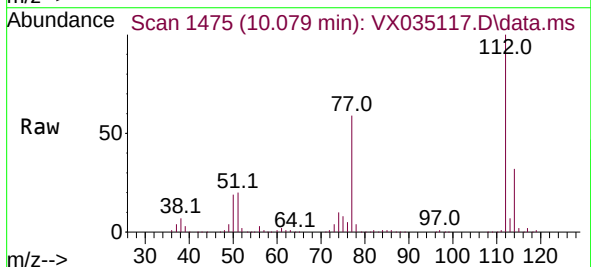
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

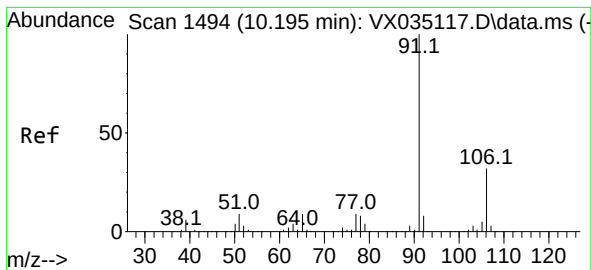
Tgt Ion:107 Resp: 184439
Ion Ratio Lower Upper
107 100
109 93.7 65.6 121.8
188 4.1 3.3 4.9



#51
Chlorobenzene
Concen: 51.808 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion:112 Resp: 473539
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 58.8 47.0 70.6

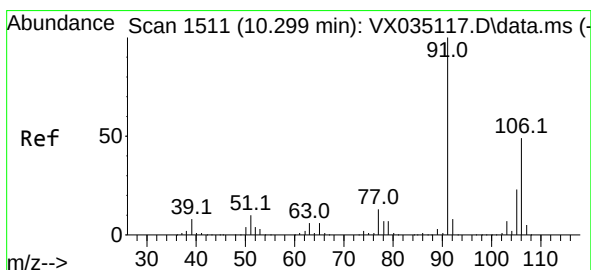
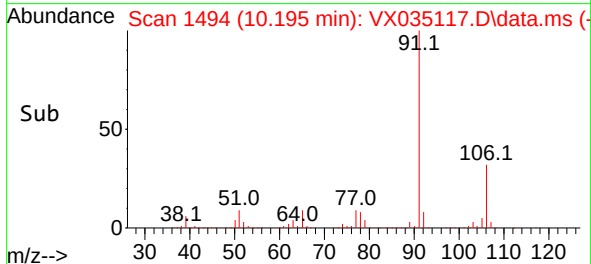
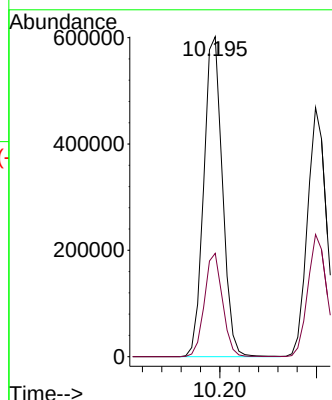
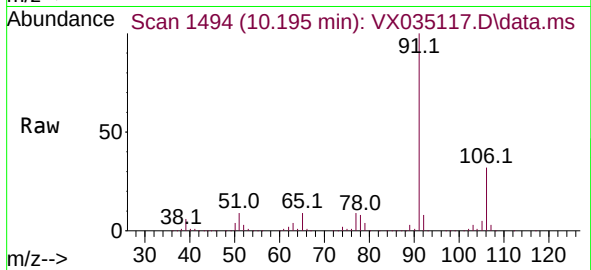




#52
Ethylbenzene
Concen: 52.669 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

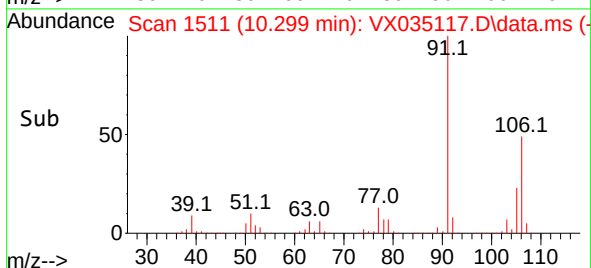
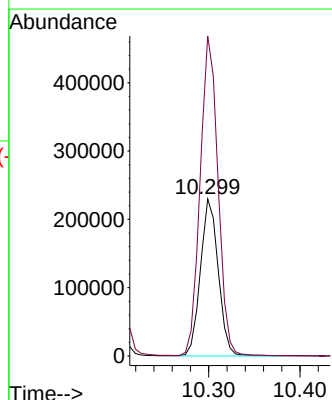
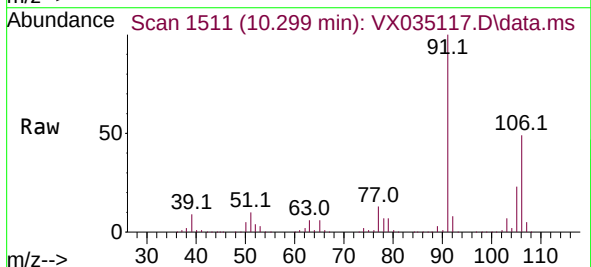
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

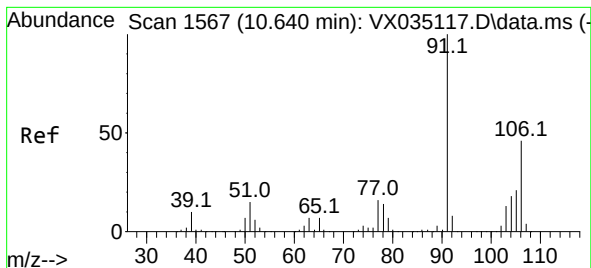
Tgt Ion: 91 Resp: 807763
Ion Ratio Lower Upper
91 100
106 32.3 22.6 42.0



#53
m,p-Xylene
Concen: 53.036 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion: 106 Resp: 311468
Ion Ratio Lower Upper
106 100
91 203.8 142.7 264.9





#54

o-Xylene

Concen: 52.817 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

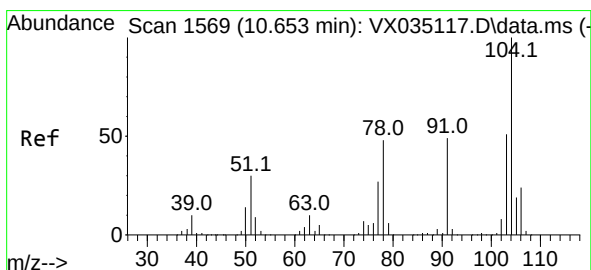
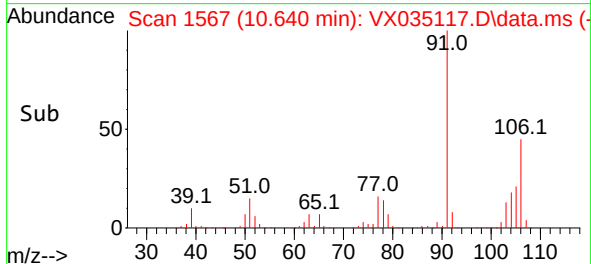
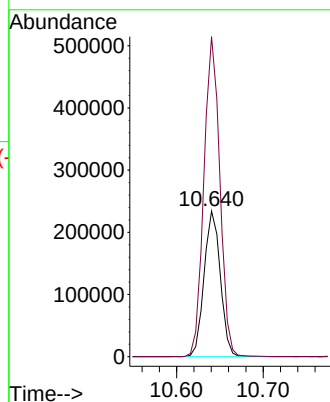
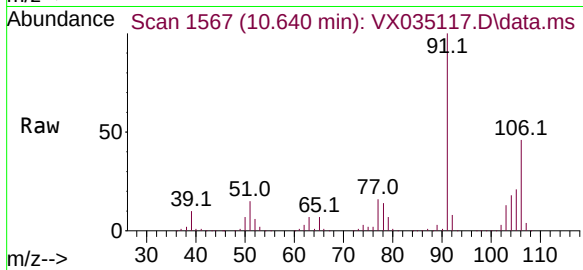
VSTD050634

Tgt Ion:106 Resp: 304960

Ion Ratio Lower Upper

106 100

91 219.8 153.9 285.7



#55

Styrene

Concen: 53.660 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035117.D

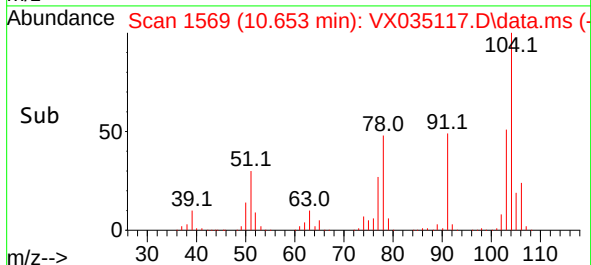
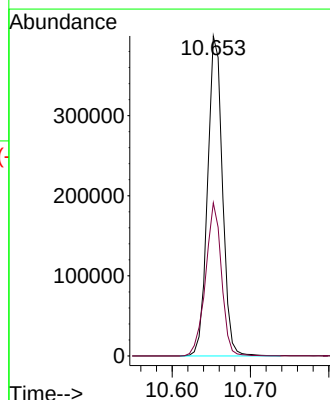
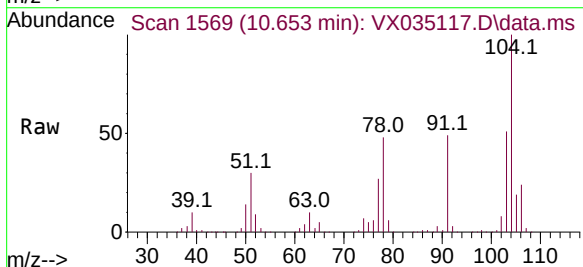
Acq: 18 Apr 2023 12:50

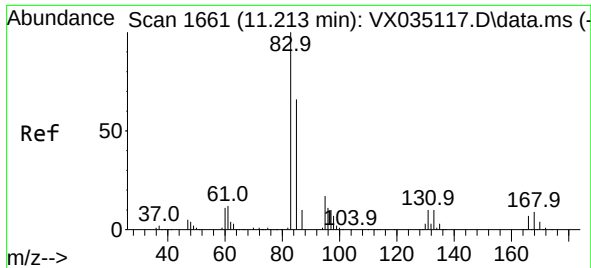
Tgt Ion:104 Resp: 524935

Ion Ratio Lower Upper

104 100

78 47.9 33.5 62.3

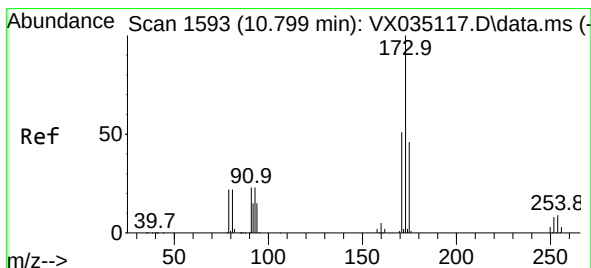
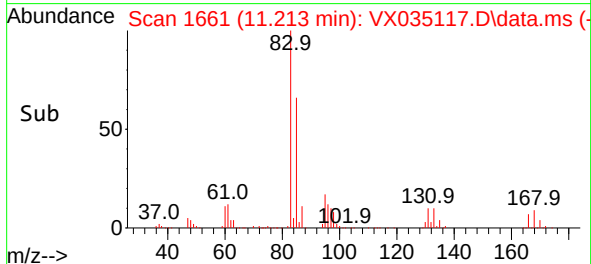
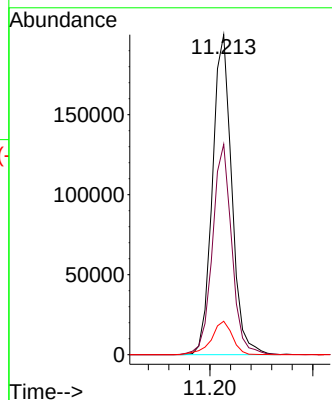
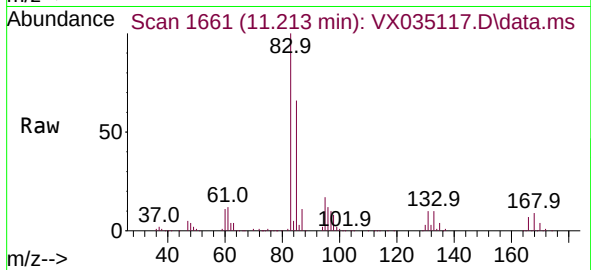




#57
1,1,2,2-Tetrachloroethane
Concen: 53.033 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

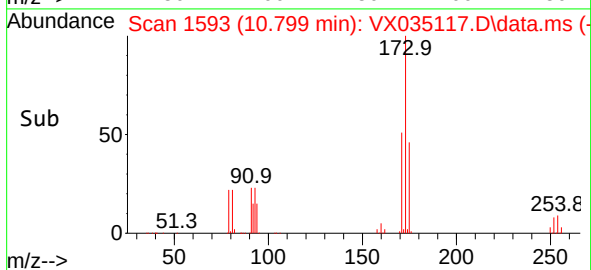
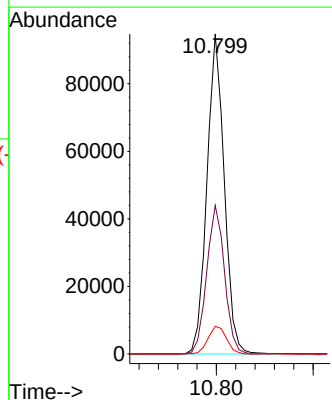
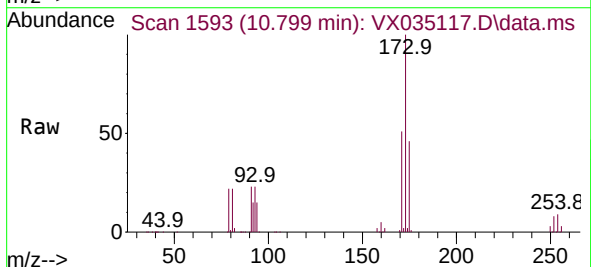
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

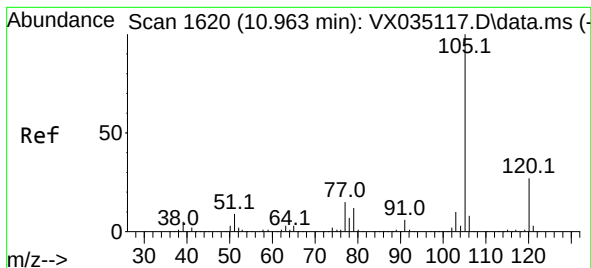
Tgt Ion: 83 Resp: 261109
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4
131 10.4 8.3 12.5



#59
Bromoform
Concen: 53.767 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion:173 Resp: 117776
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.4
254 9.2 7.4 11.0





#60

Isopropylbenzene

Concen: 52.923 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD050634

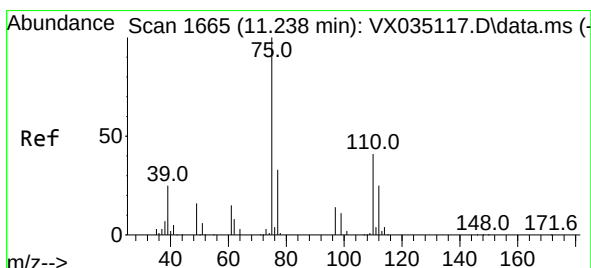
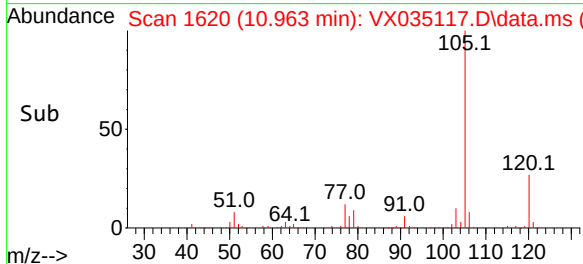
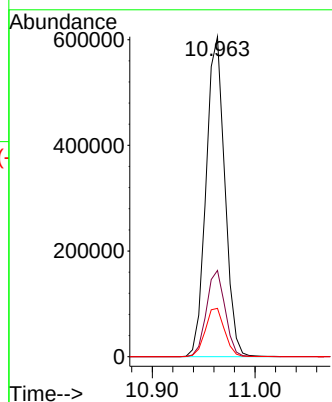
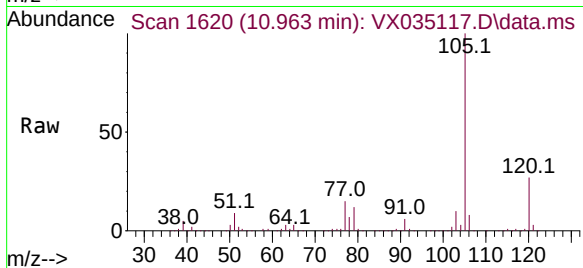
Tgt Ion:105 Resp: 765760

Ion Ratio Lower Upper

105 100

120 26.9 21.5 32.3

77 15.7 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 52.773 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

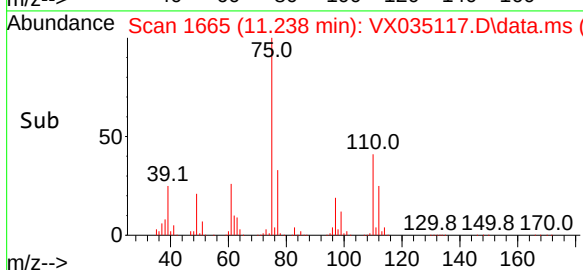
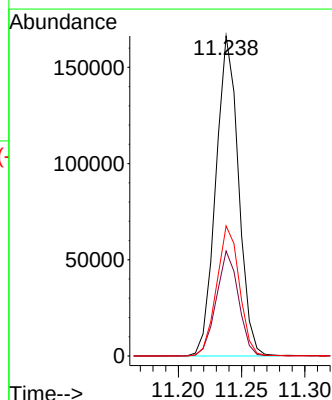
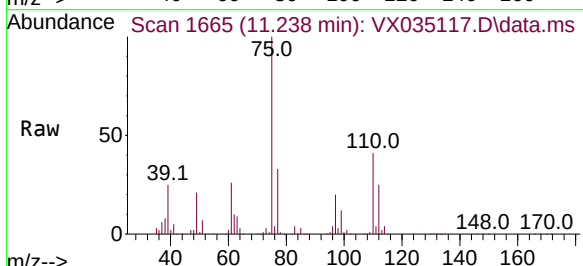
Tgt Ion: 75 Resp: 207330

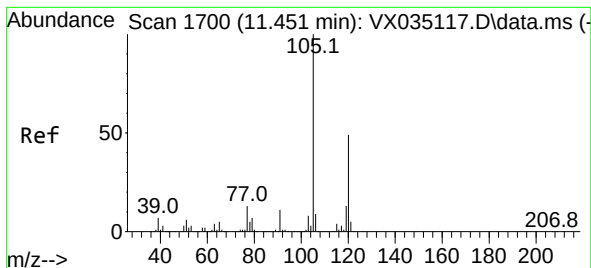
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

110 40.6 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 53.173 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

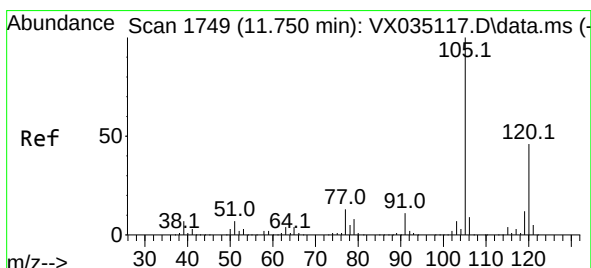
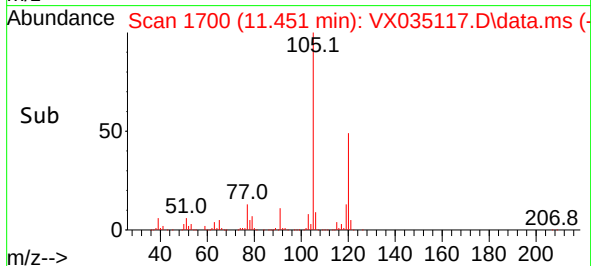
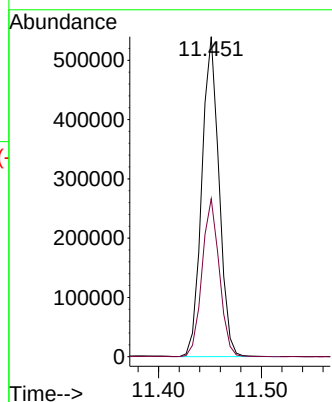
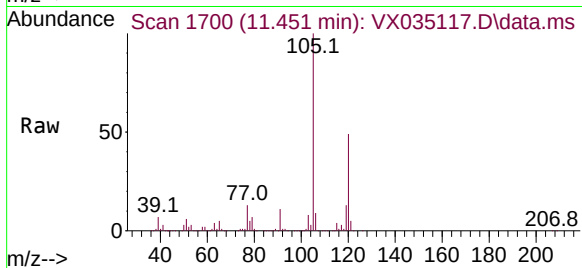
VSTD050634

Tgt Ion:105 Resp: 629191

Ion Ratio Lower Upper

105 100

120 49.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 53.798 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035117.D

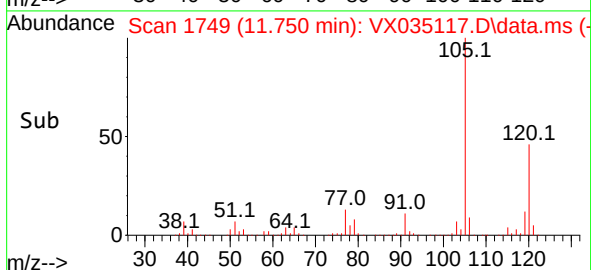
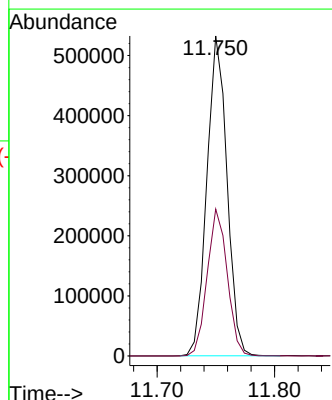
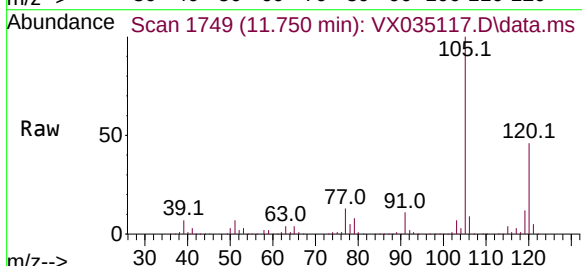
Acq: 18 Apr 2023 12:50

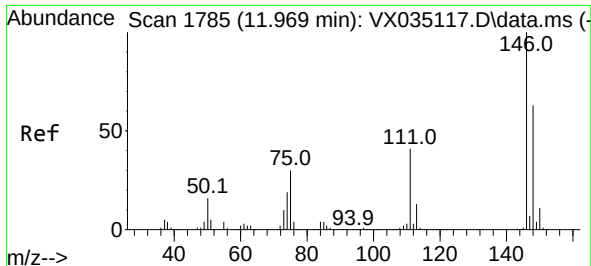
Tgt Ion:105 Resp: 632986

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

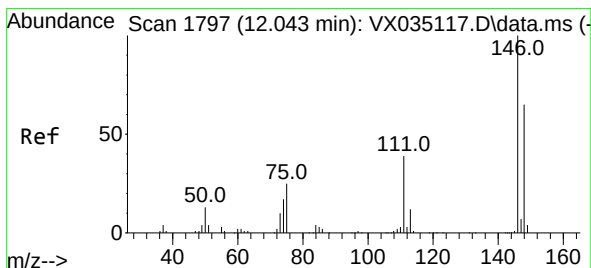
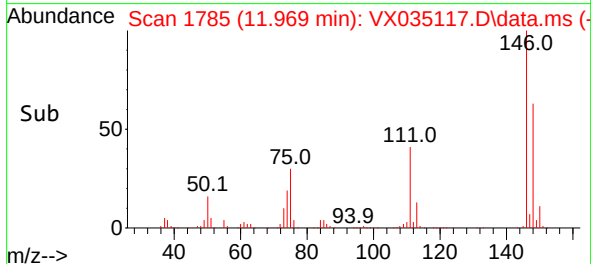
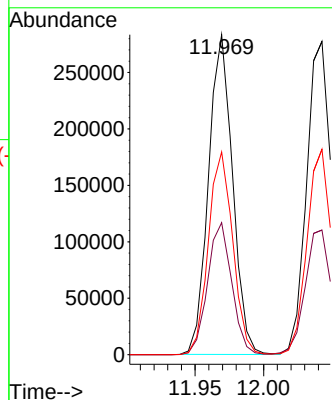
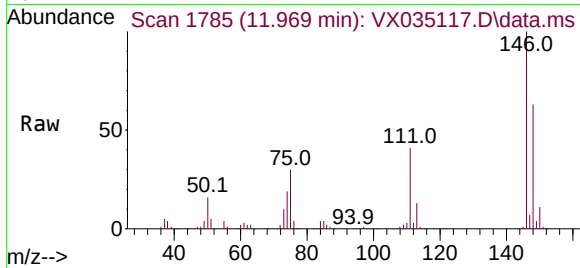




#64
1,3-Dichlorobenzene
Concen: 52.523 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

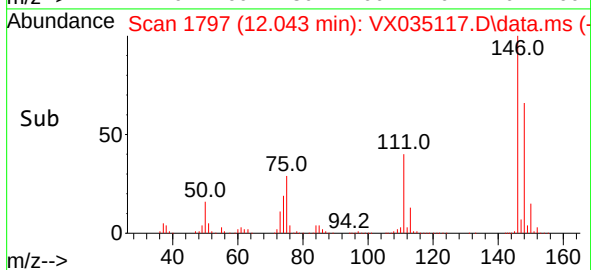
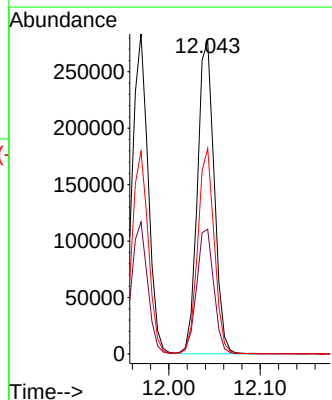
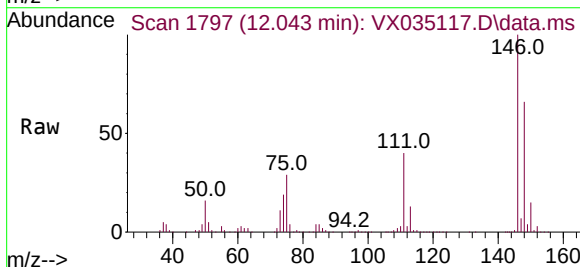
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

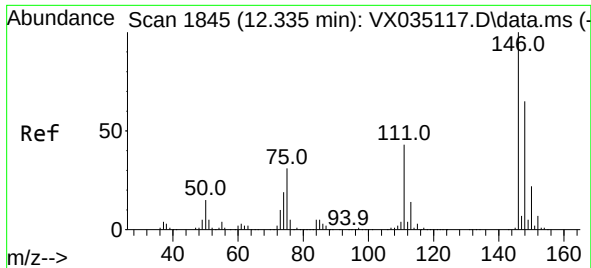
Tgt Ion:146 Resp: 346607
Ion Ratio Lower Upper
146 100
111 41.3 28.9 53.7
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 52.261 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion:146 Resp: 352900
Ion Ratio Lower Upper
146 100
111 39.8 27.9 51.7
148 65.6 45.9 85.3

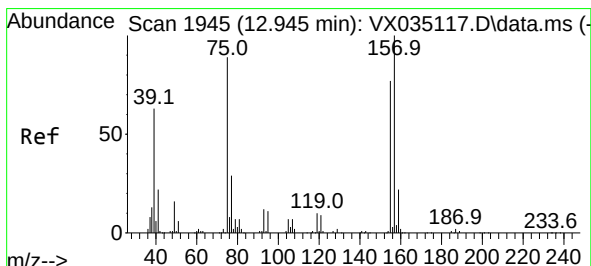
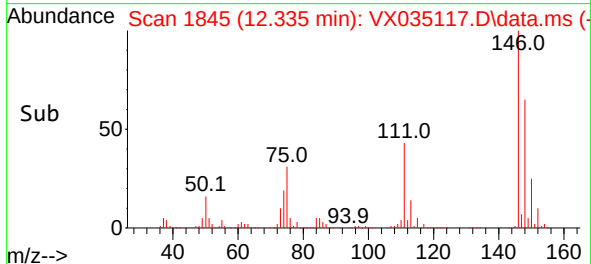
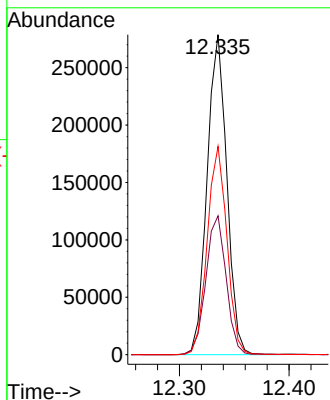
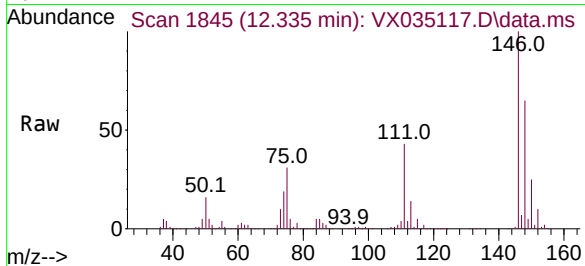




#67
1,2-Dichlorobenzene
Concen: 52.024 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

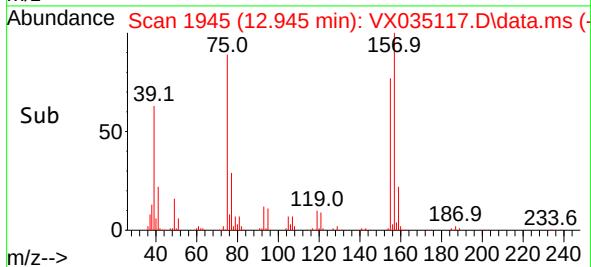
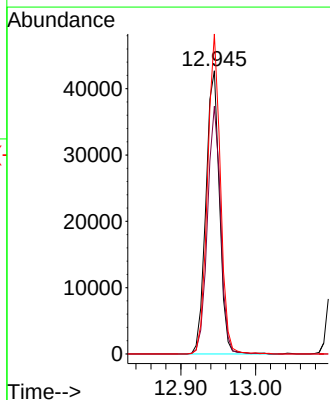
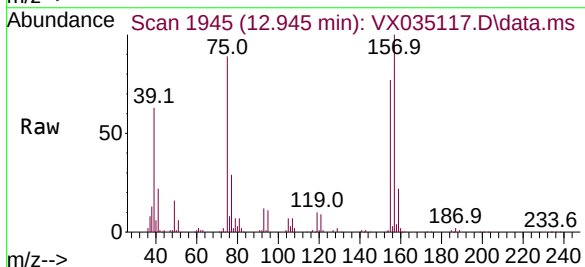
Instrument :
MSVOA_X
ClientSampleId :
VSTD050634

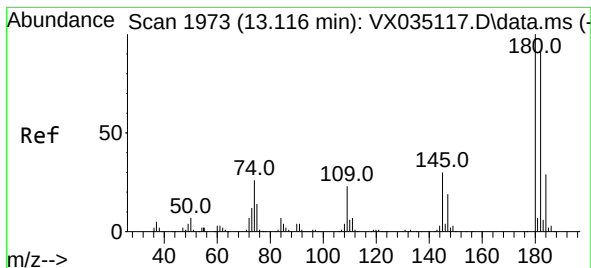
Tgt Ion:146 Resp: 348104
Ion Ratio Lower Upper
146 100
111 43.4 34.7 52.1
148 65.1 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 55.455 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035117.D
Acq: 18 Apr 2023 12:50

Tgt Ion: 75 Resp: 53759
Ion Ratio Lower Upper
75 100
155 87.4 69.9 104.9
157 113.0 90.4 135.6





#69

1,3,5-Trichlorobenzene

Concen: 52.778 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD050634

Tgt Ion:180 Resp: 215316

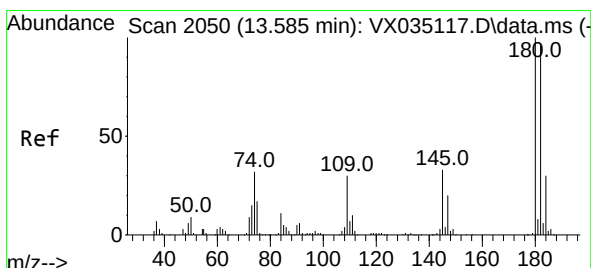
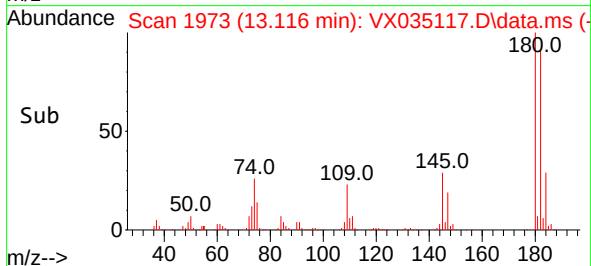
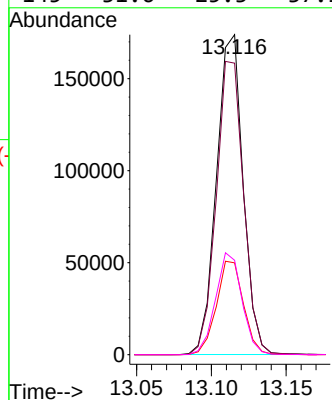
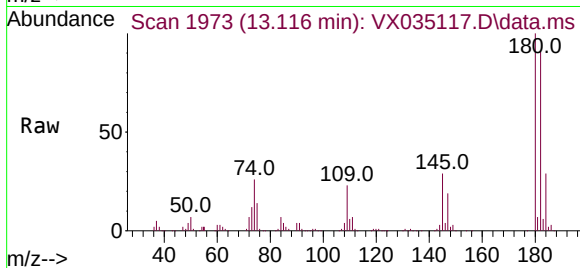
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

184 29.8 23.8 35.8

145 31.6 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 52.709 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

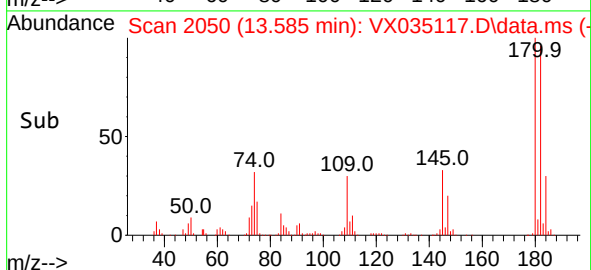
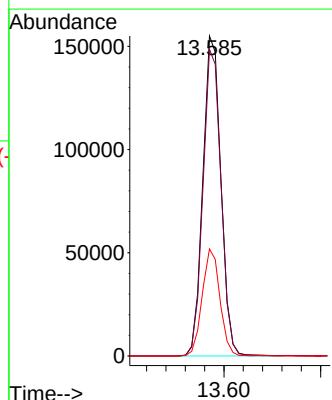
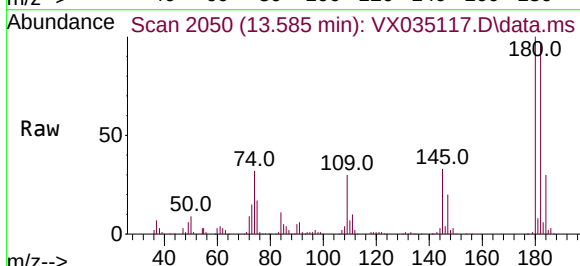
Tgt Ion:180 Resp: 201353

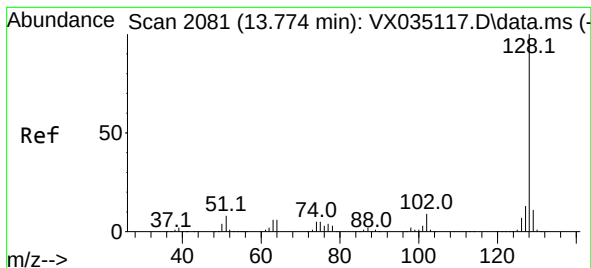
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 32.8 26.2 39.4





#71

Naphthalene

Concen: 54.730 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD050634

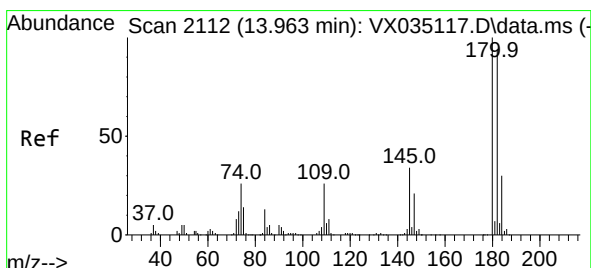
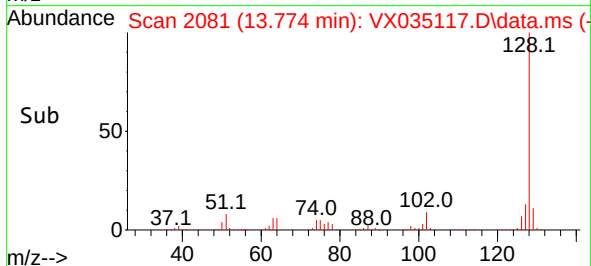
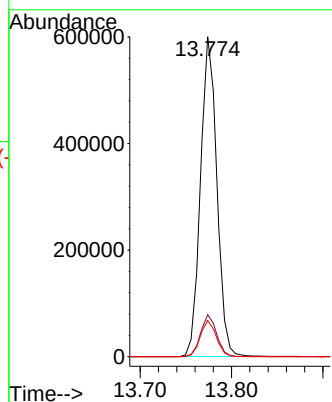
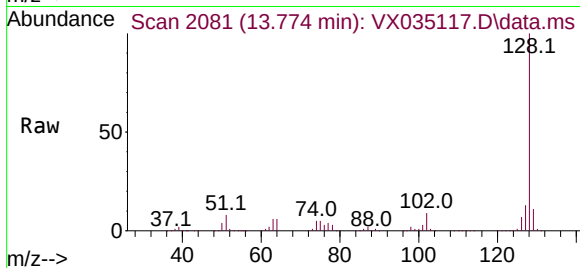
Tgt Ion:128 Resp: 744731

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 53.664 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035117.D

Acq: 18 Apr 2023 12:50

Tgt Ion:180 Resp: 202377

Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 33.9 27.1 40.7

