

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035121.D
 Acq On : 18 Apr 2023 14:23
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV637

Quant Time: Apr 19 00:45:37 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	6.763	114	517126	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	450267	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	220610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	166959	50.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.140%	
7) Chloroethane-d5	1.672	69	122059	50.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.320%	
11) 1,1-Dichloroethene-d2	2.306	65	79776	50.002	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.000%	
21) 2-Butanone-d5	4.458	46	231909	104.367	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 104.370%	
24) Chloroform-d	5.056	84	322498	51.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.720%	
26) 1,2-Dichloroethane-d4	5.952	65	202270	50.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.320%	
32) Benzene-d6	5.970	84	659455	50.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.960%	
36) 1,2-Dichloropropane-d6	7.305	67	202762	51.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 102.640%	
41) Toluene-d8	8.647	98	607556	51.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.800%	
43) trans-1,3-Dichloroprop...	8.952	79	92719	53.699	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.400%	
47) 2-Hexanone-d5	9.384	63	168507	106.205	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 106.210%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	250890	51.851	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 103.700%	
66) 1,2-Dichlorobenzene-d4	12.323	152	216812	50.714	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	204106	52.663	ug/L	100
3) Chloromethane	1.294	50	182852	51.842	ug/L	98
5) Vinyl chloride	1.374	62	188356	51.460	ug/L	99
6) Bromomethane	1.617	94	112921	51.944	ug/L	100
8) Chloroethane	1.691	64	108571	53.185	ug/L	97
9) Trichlorofluoromethane	1.886	101	263145	53.091	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	181055	53.469	ug/L	100
12) 1,1-Dichloroethene	2.319	96	162303	52.534	ug/L	96
13) Acetone	2.392	43	175022	106.199	ug/L	100
14) Carbon disulfide	2.514	76	409644	53.667	ug/L	100
15) Methyl Acetate	2.703	43	183992	52.117	ug/L	100
16) Methylene chloride	2.788	84	178265	51.821	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	164405	51.678	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	573166	52.096	ug/L	100
19) 1,1-Dichloroethane	3.611	63	319972	52.175	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	191720	51.545	ug/L	97
22) 2-Butanone	4.562	43	275671	108.976	ug/L	98
23) Bromochloromethane	4.897	128	95500	51.840	ug/L	97
25) Chloroform	5.092	83	327083	52.604	ug/L	100

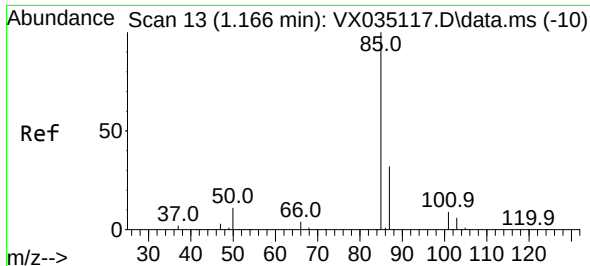
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	258752	51.957	ug/L	99
29) Cyclohexane	5.477	56	288388	53.008	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	281155	53.240	ug/L	99
31) Carbon tetrachloride	5.678	117	243763	54.436	ug/L	100
33) Benzene	6.037	78	711132	52.152	ug/L	100
34) Trichloroethene	7.123	95	190210	52.439	ug/L	99
35) Methylcyclohexane	7.379	83	263382	53.917	ug/L	100
37) 1,2-Dichloropropane	7.427	63	187712	52.287	ug/L	100
38) Bromodichloromethane	7.824	83	226892	53.490	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	297030	55.334	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	503820	106.460	ug/L	99
42) Toluene	8.720	91	745324	52.683	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	269615	55.743	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	180317	52.931	ug/L	98
46) Tetrachloroethene	9.275	164	144539	53.495	ug/L	99
48) 2-Hexanone	9.427	43	396055	110.226	ug/L	99
49) Dibromochloromethane	9.518	129	175340	54.159	ug/L	100
50) 1,2-Dibromoethane	9.610	107	189462	53.449	ug/L	99
51) Chlorobenzene	10.079	112	490992	52.679	ug/L	99
52) Ethylbenzene	10.195	91	833047	53.268	ug/L	99
53) m,p-Xylene	10.299	106	321847	53.744	ug/L	99
54) o-Xylene	10.640	106	315506	53.587	ug/L	100
55) Styrene	10.652	104	540316	54.165	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	268427	53.465	ug/L	99
59) Bromoform	10.799	173	122085	53.759	ug/L	98
60) Isopropylbenzene	10.963	105	799075	53.269	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	212186	52.095	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	658546	53.682	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	660659	54.160	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	364280	53.245	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	370375	52.905	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	362082	52.196	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	53931	53.661	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	237624	56.182	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	218526	55.178	ug/L	99
71) Naphthalene	13.774	128	770328	54.606	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	216724	55.432	ug/L	99

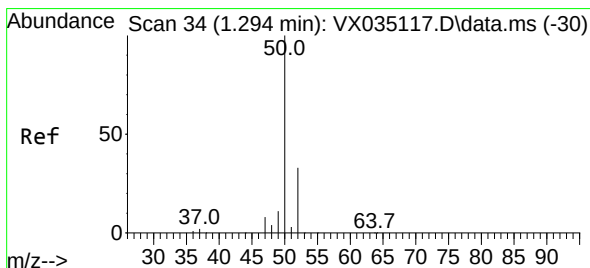
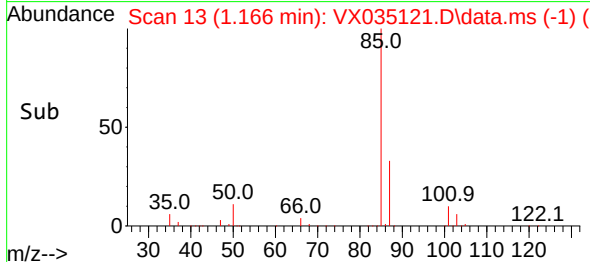
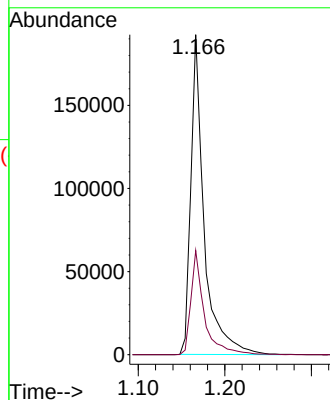
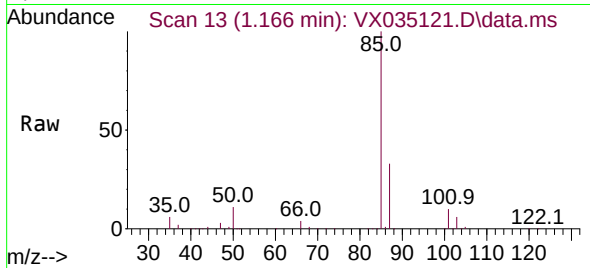
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#2
 Dichlorodifluoromethane
 Concen: 52.663 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

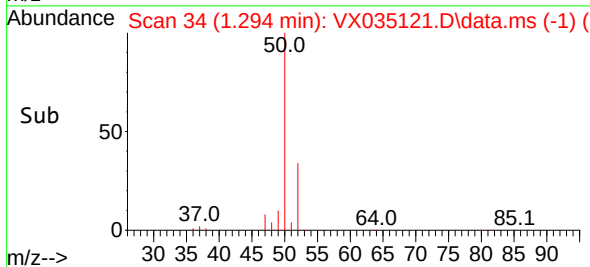
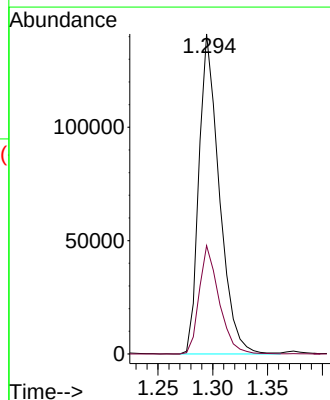
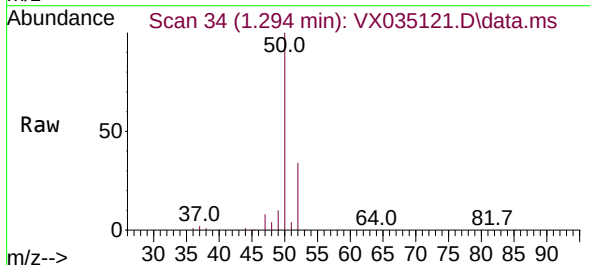
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV637

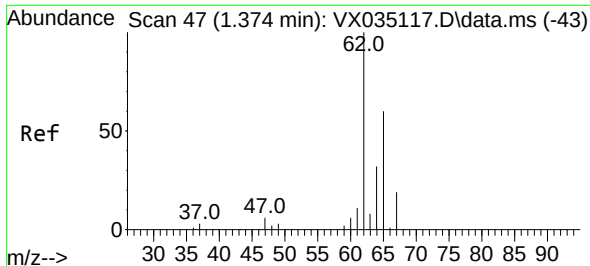
Tgt Ion: 85 Resp: 204106
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 51.842 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

Tgt Ion: 50 Resp: 182852
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.0 42.6

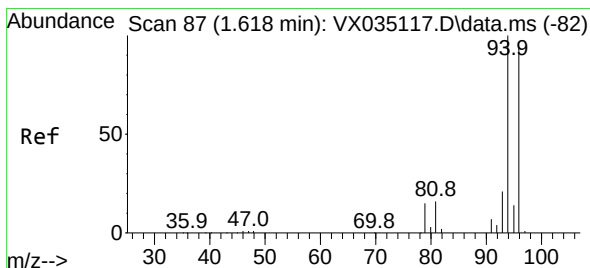
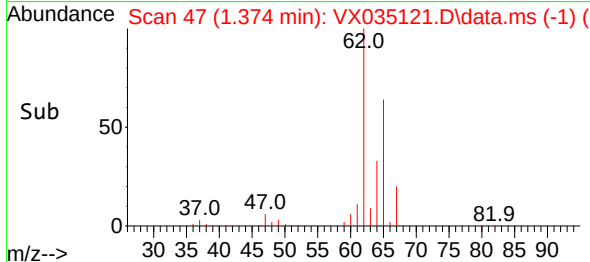
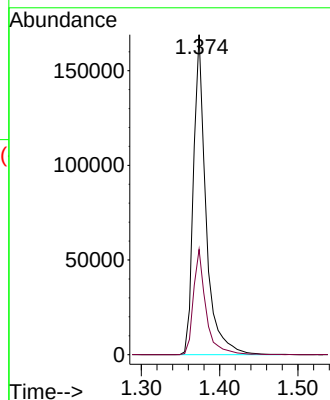
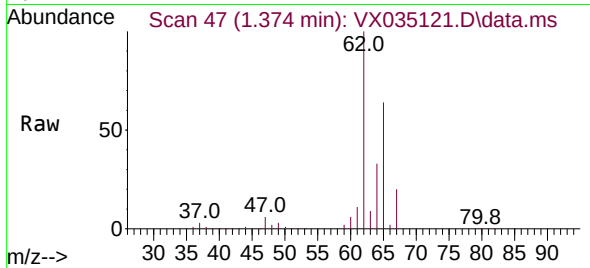




#5
 Vinyl chloride
 Concen: 51.460 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

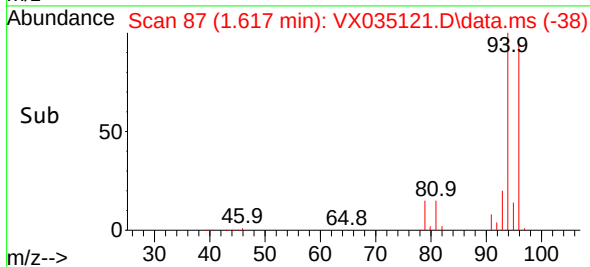
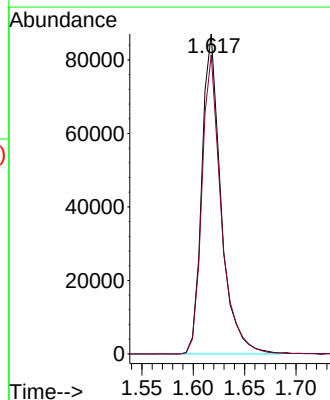
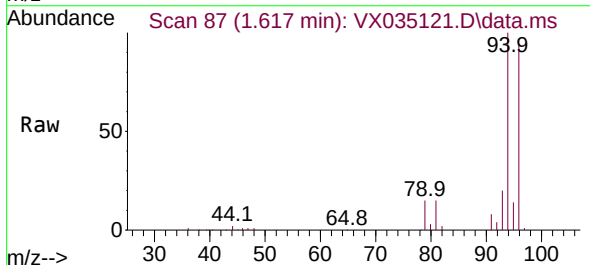
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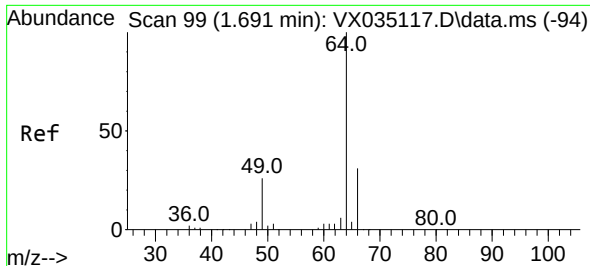
Tgt Ion: 62 Resp: 188356
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.5 41.7



#6
 Bromomethane
 Concen: 51.944 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

Tgt Ion: 94 Resp: 112921
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.7 121.9

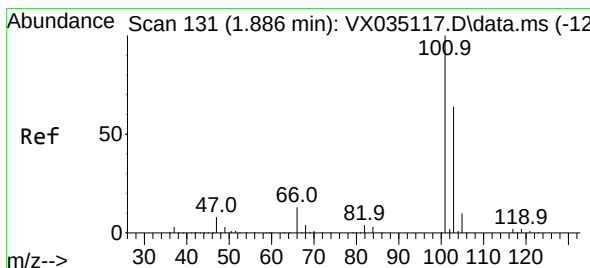
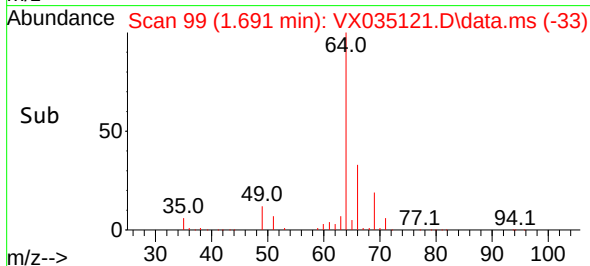
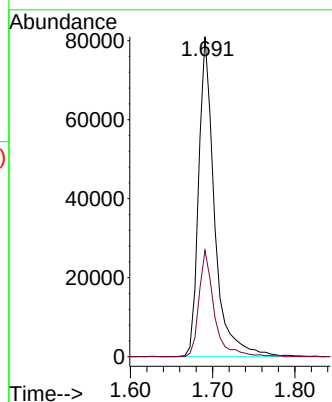
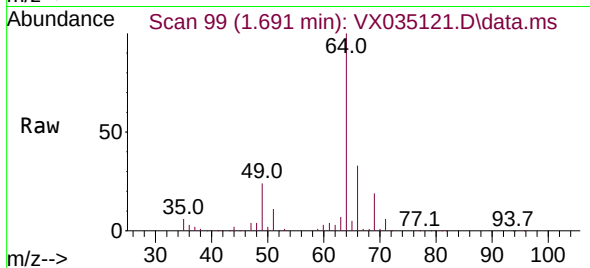




#8
Chloroethane
Concen: 53.185 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

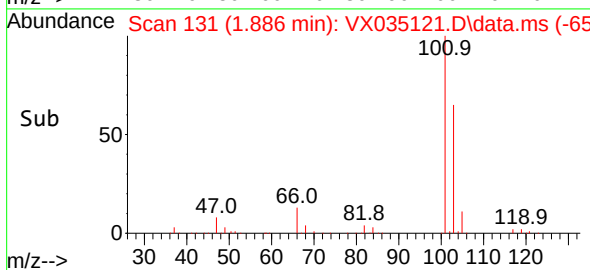
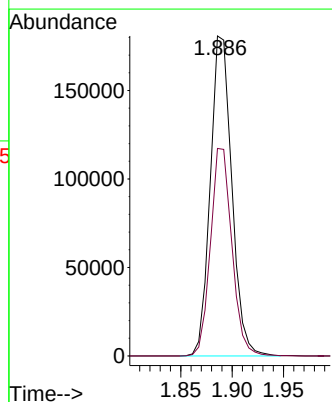
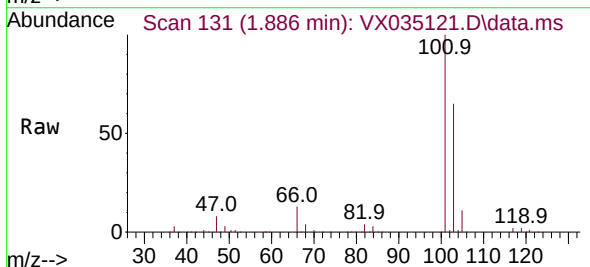
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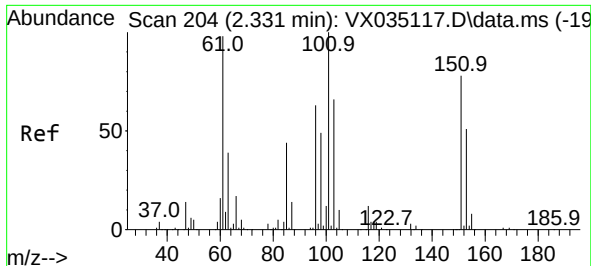
Tgt Ion: 64 Resp: 108571
Ion Ratio Lower Upper
64 100
66 33.2 21.9 40.7



#9
Trichlorofluoromethane
Concen: 53.091 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion: 101 Resp: 263145
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

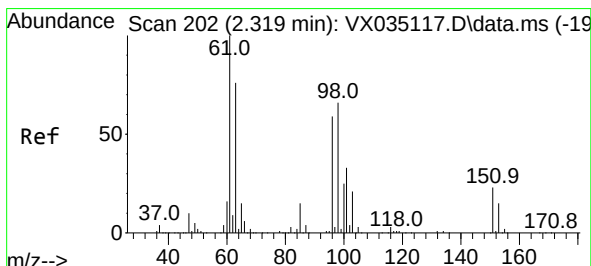
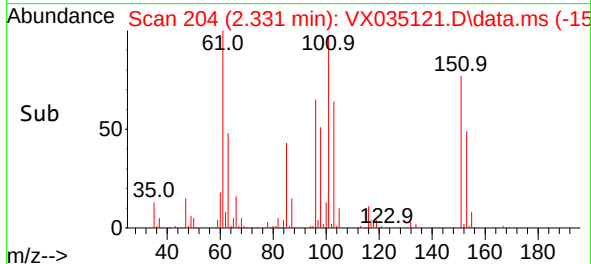
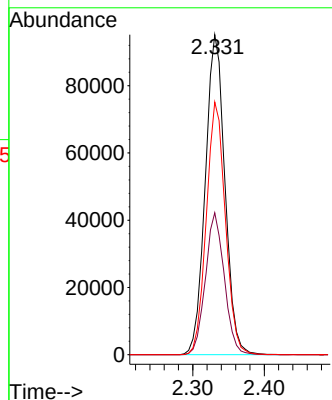
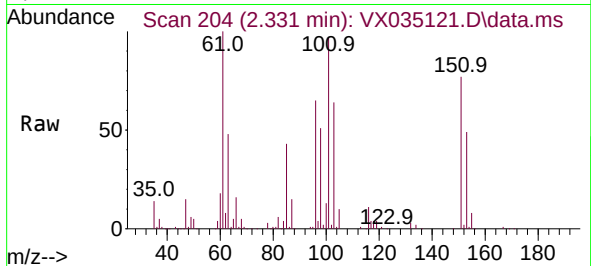




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.469 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

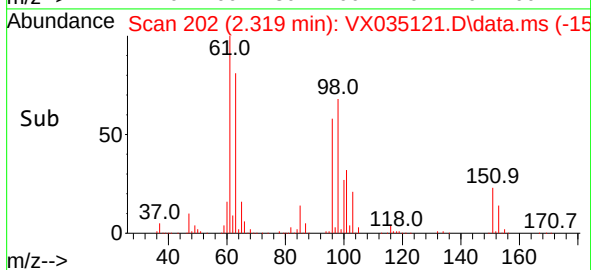
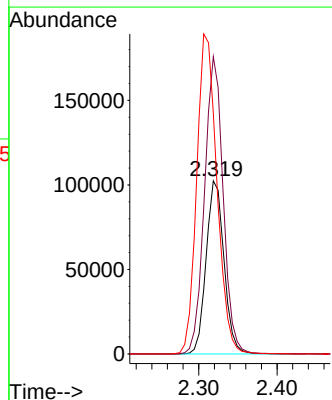
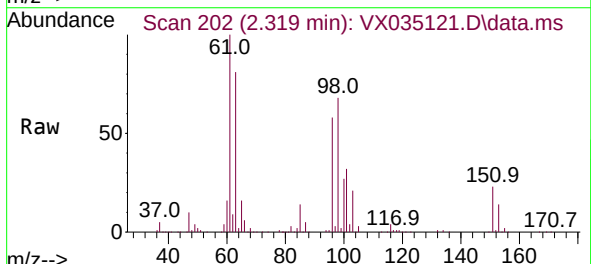
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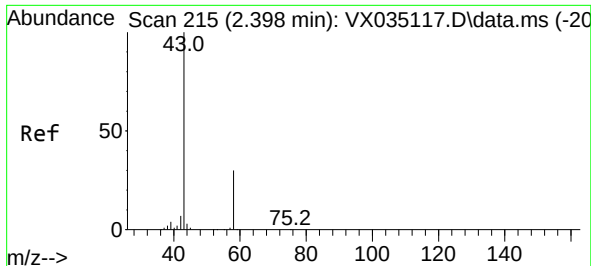
Tgt Ion:101 Resp: 181055
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.2 51.2
 151 76.8 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 52.534 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

Tgt Ion: 96 Resp: 162303
 Ion Ratio Lower Upper
 96 100
 61 171.7 119.0 221.0
 63 139.3 91.0 169.0





#13

Acetone

Concen: 106.199 ug/L

RT: 2.392 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

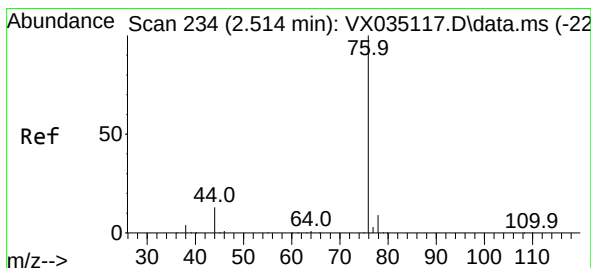
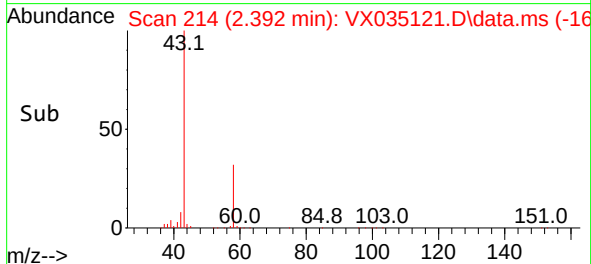
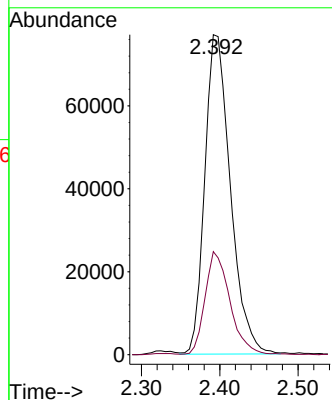
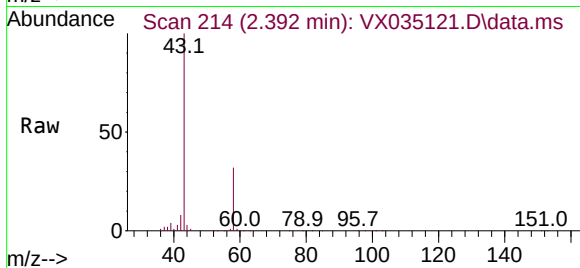
VICV637

Tgt Ion: 43 Resp: 175022

Ion Ratio Lower Upper

43 100

58 30.9 0.0 62.0



#14

Carbon disulfide

Concen: 53.667 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX035121.D

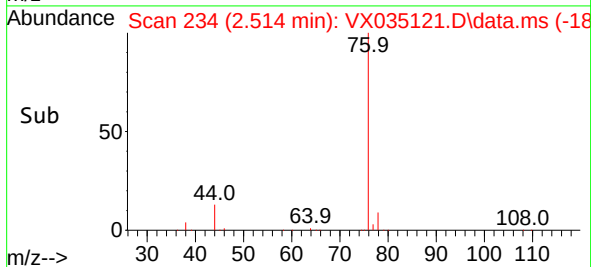
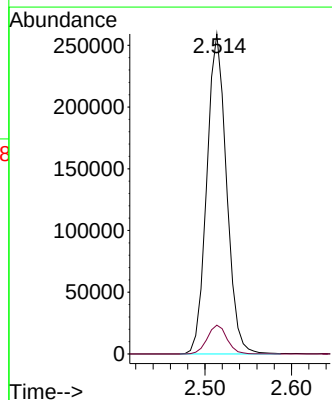
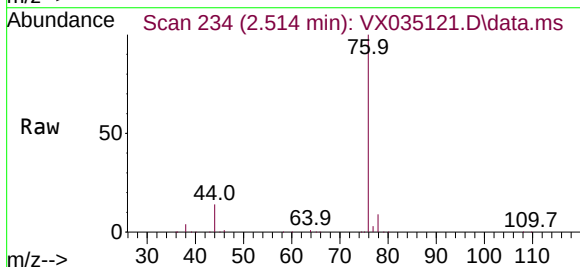
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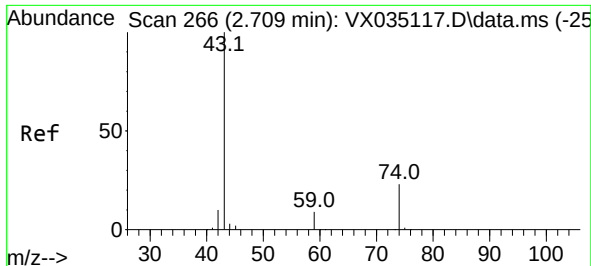
Tgt Ion: 76 Resp: 409644

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

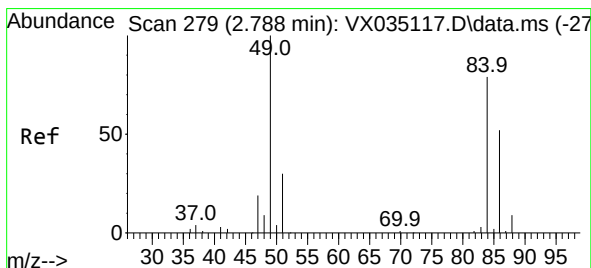
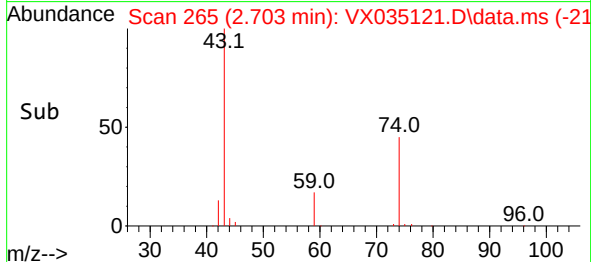
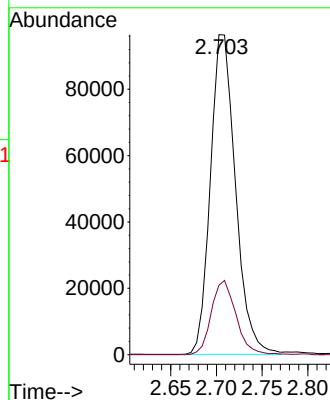
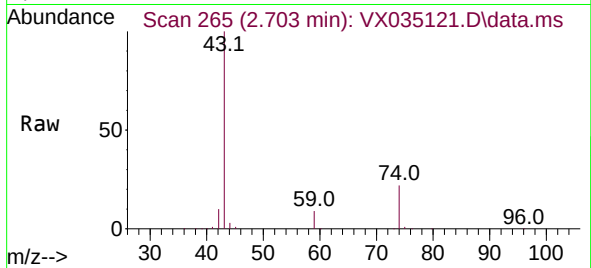




#15
Methyl Acetate
Concen: 52.117 ug/L
RT: 2.703 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

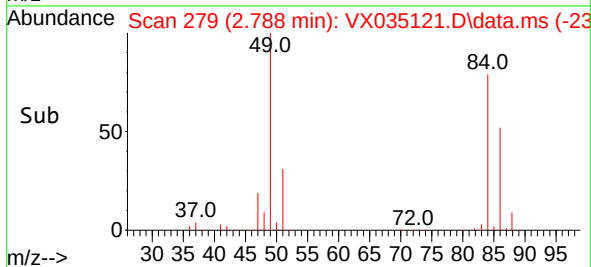
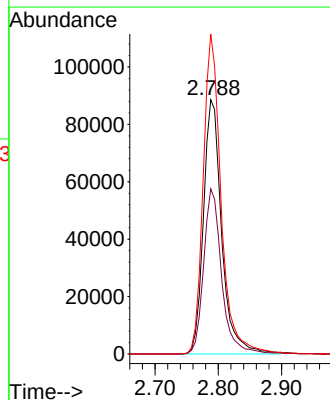
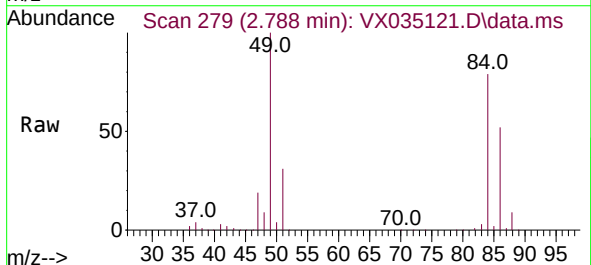
Instrument :
MSVOA_X
ClientSampleId :
VICV637

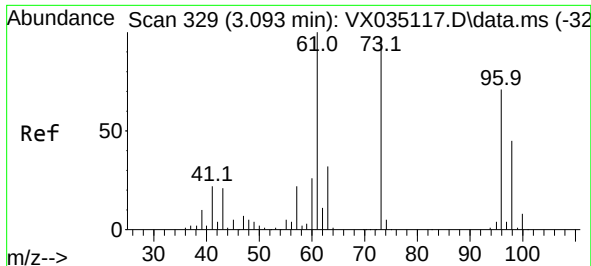
Tgt Ion: 43 Resp: 183992
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.4



#16
Methylene chloride
Concen: 51.821 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion: 84 Resp: 178265
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.0
49 125.9 88.7 164.7





#17

trans-1,2-Dichloroethene

Concen: 51.678 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

VICV637

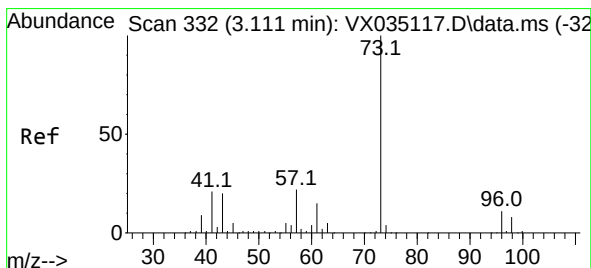
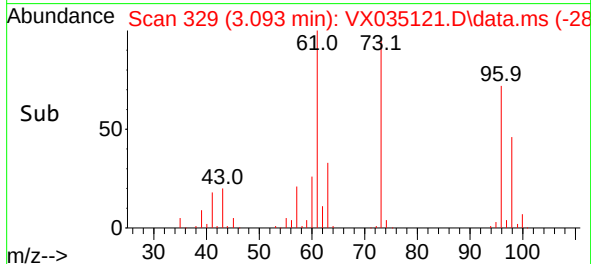
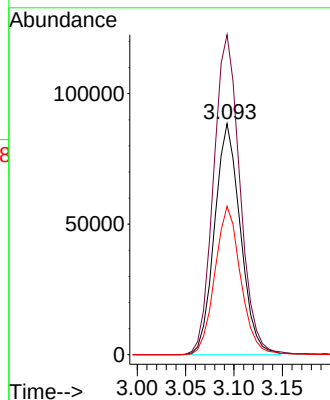
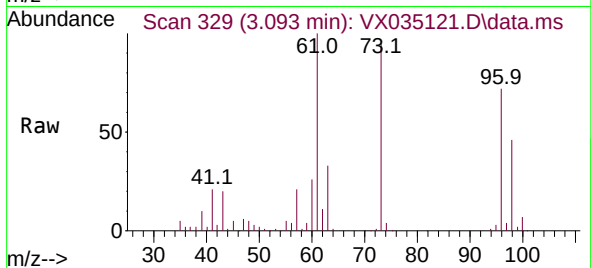
Tgt Ion: 96 Resp: 164405

Ion Ratio Lower Upper

96 100

61 138.5 98.8 183.4

98 64.2 44.4 82.4



#18

Methyl tert-butyl Ether

Concen: 52.096 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

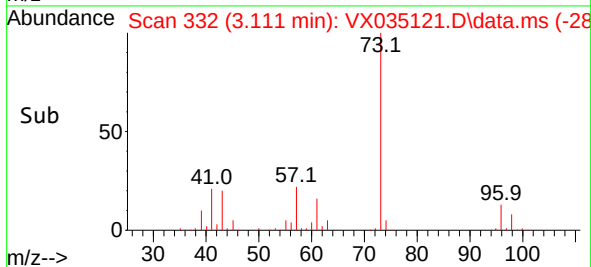
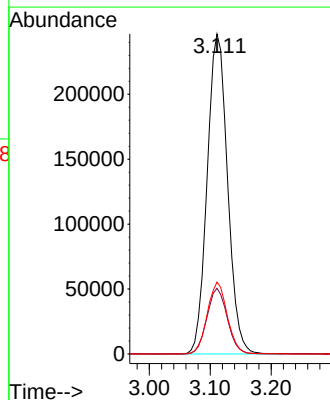
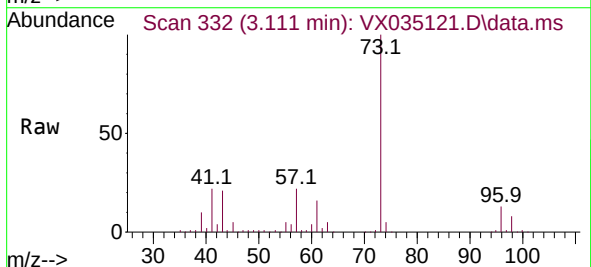
Tgt Ion: 73 Resp: 573166

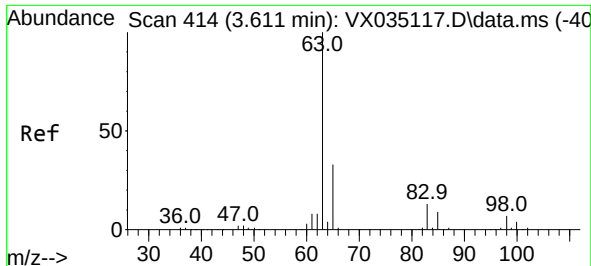
Ion Ratio Lower Upper

73 100

43 20.4 16.6 25.0

57 22.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 52.175 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

VICV637

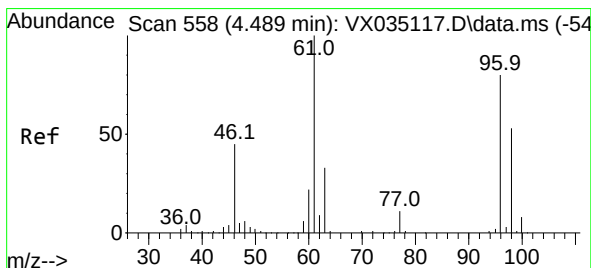
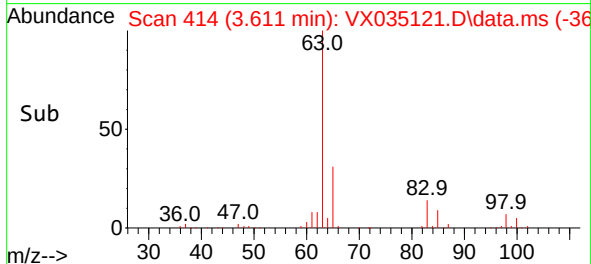
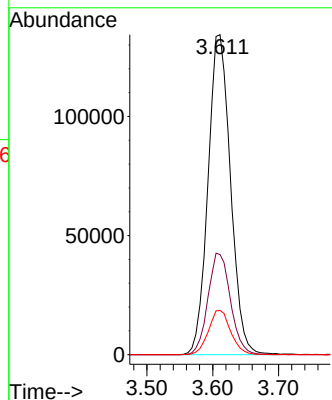
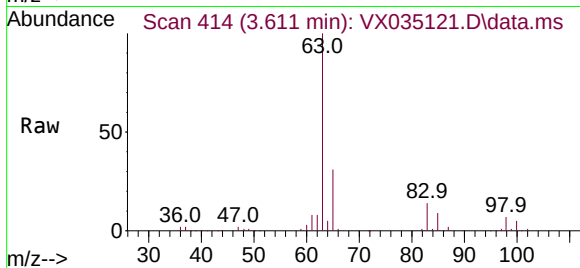
Tgt Ion: 63 Resp: 319972

Ion Ratio Lower Upper

63 100

65 31.3 22.8 42.4

83 13.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 51.545 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

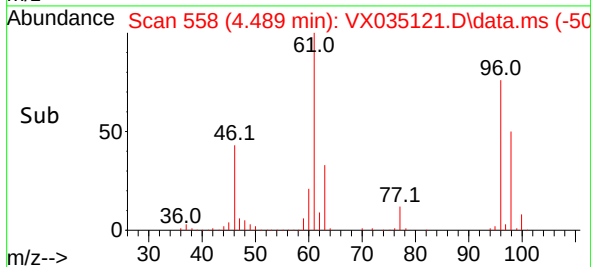
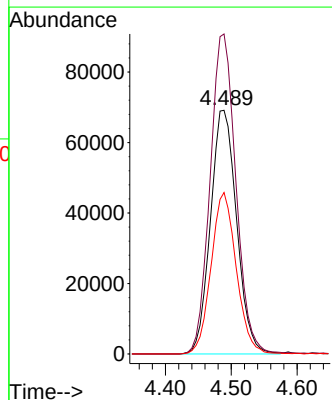
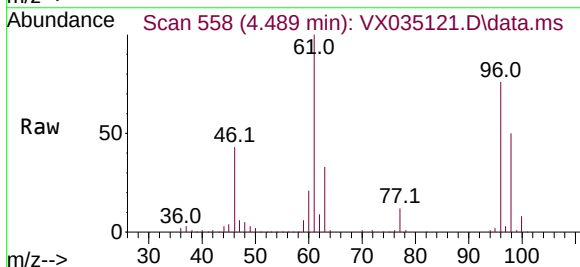
Tgt Ion: 96 Resp: 191720

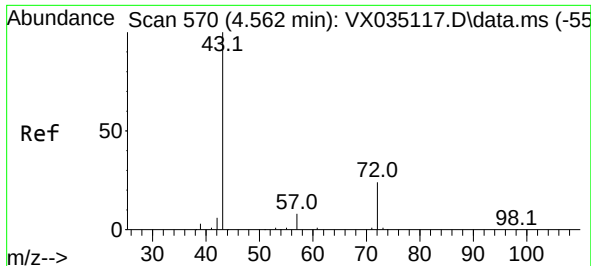
Ion Ratio Lower Upper

96 100

61 131.3 87.8 163.2

98 66.3 46.3 86.1

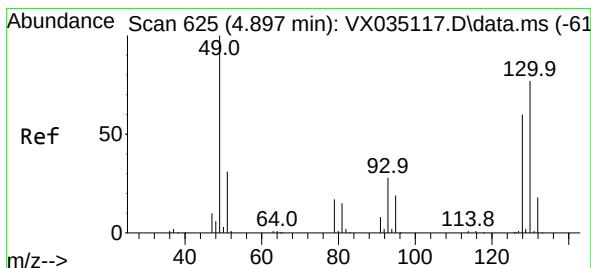
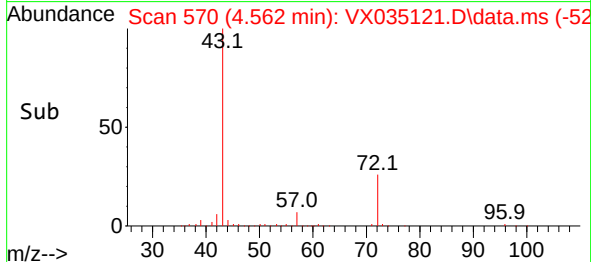
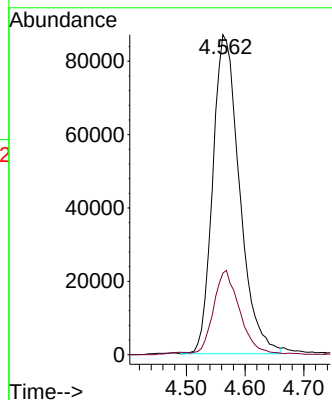
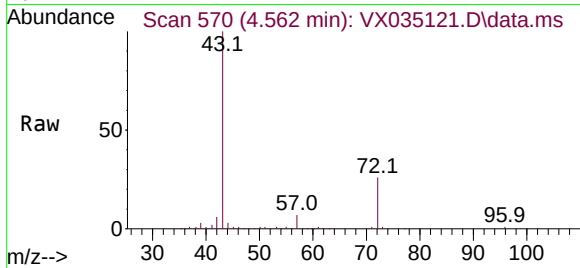




#22
2-Butanone
Concen: 108.976 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

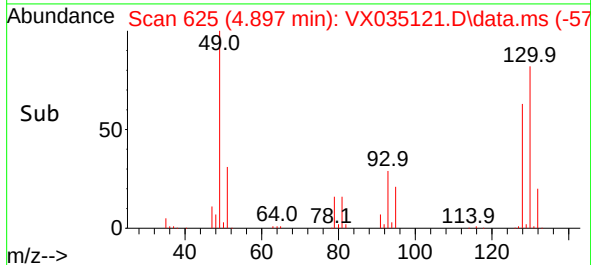
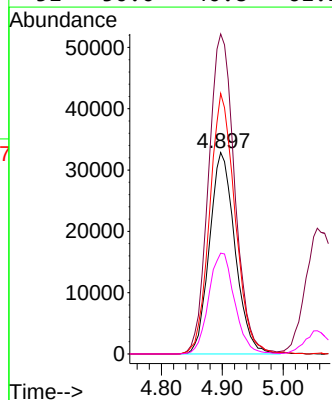
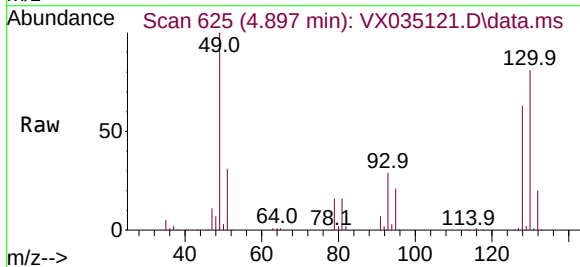
Instrument :
MSVOA_X
ClientSampleId :
VICV637

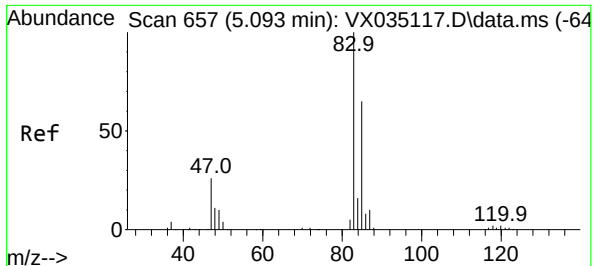
Tgt Ion: 43 Resp: 275671
Ion Ratio Lower Upper
43 100
72 25.9 12.4 37.2



#23
Bromochloromethane
Concen: 51.840 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion:128 Resp: 95500
Ion Ratio Lower Upper
128 100
49 158.8 115.9 215.3
130 129.3 88.9 165.1
51 50.0 40.8 61.2





#25

Chloroform

Concen: 52.604 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

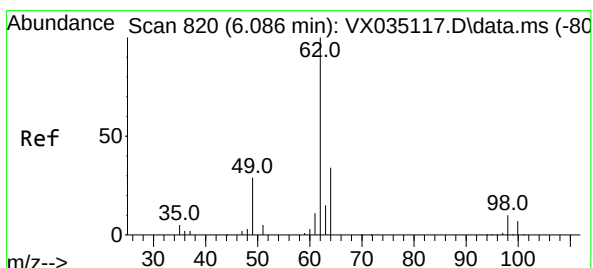
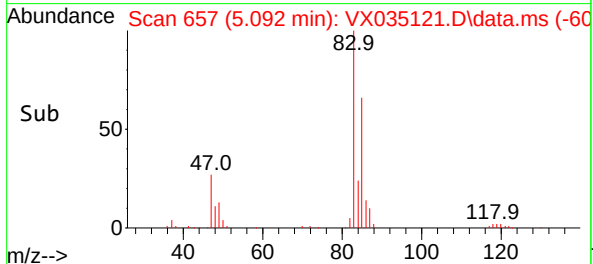
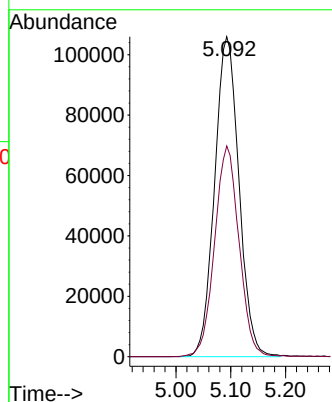
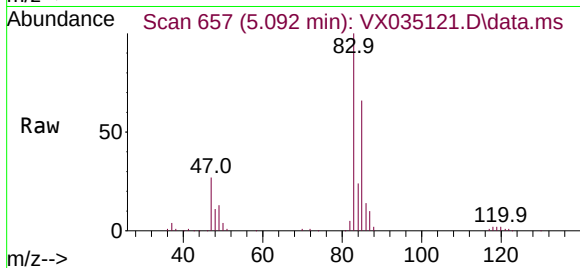
VICV637

Tgt Ion: 83 Resp: 327083

Ion Ratio Lower Upper

83 100

85 65.9 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.957 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX035121.D

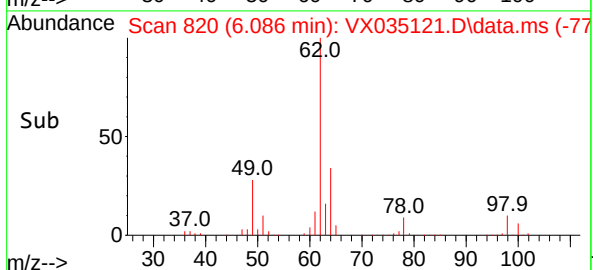
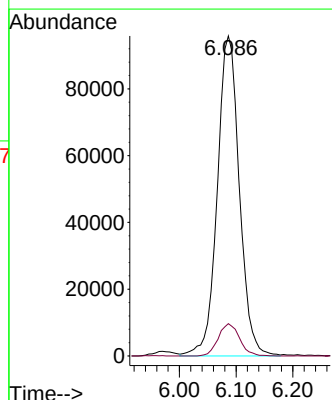
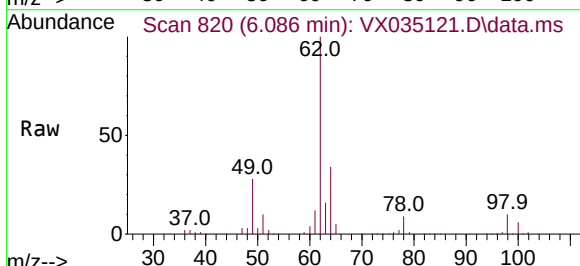
Acq: 18 Apr 2023 14:23

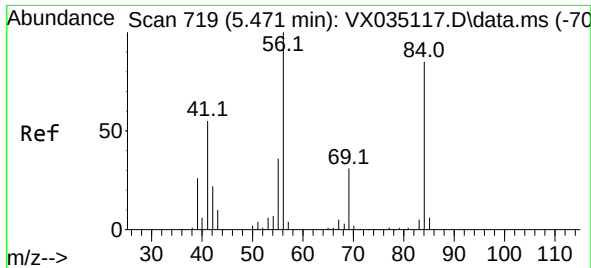
Tgt Ion: 62 Resp: 258752

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8

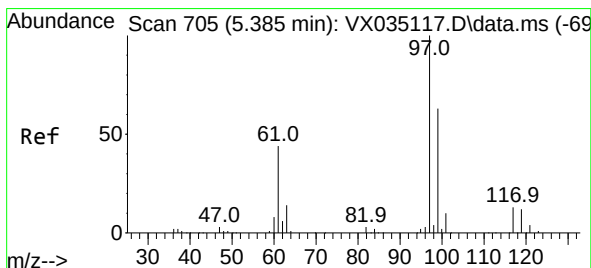
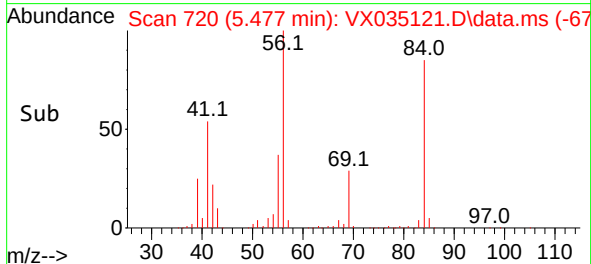
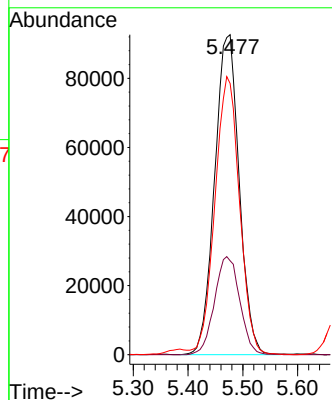
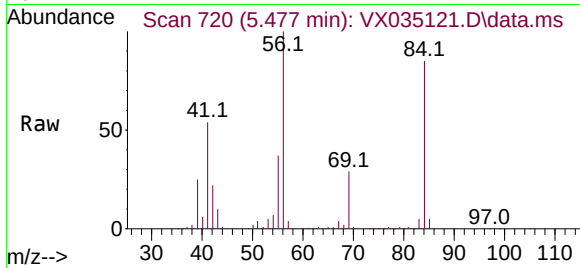




#29
Cyclohexane
Concen: 53.008 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

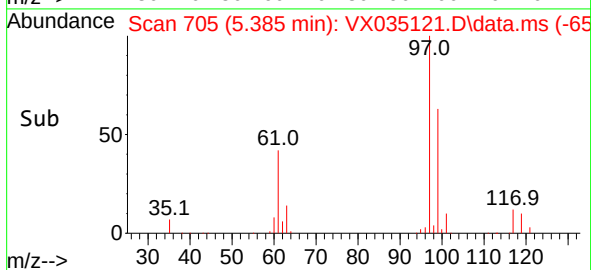
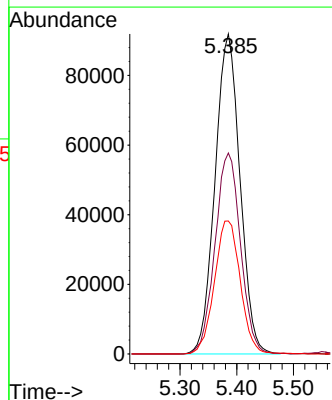
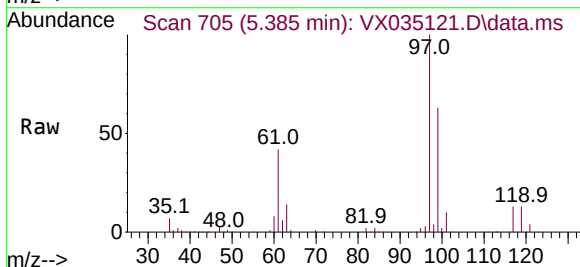
Instrument :
MSVOA_X
ClientSampleId :
VICV637

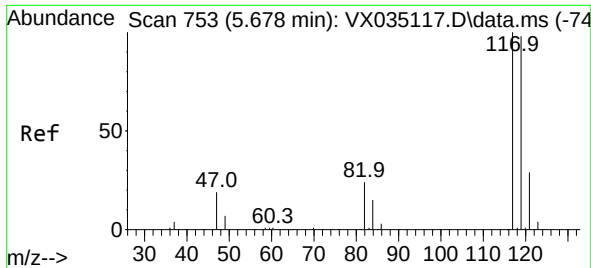
Tgt Ion: 56 Resp: 288388
Ion Ratio Lower Upper
56 100
69 31.3 25.1 37.7
84 87.0 70.1 105.1



#30
1,1,1-Trichloroethane
Concen: 53.240 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion: 97 Resp: 281155
Ion Ratio Lower Upper
97 100
99 64.1 50.6 75.8
61 43.0 34.9 52.3

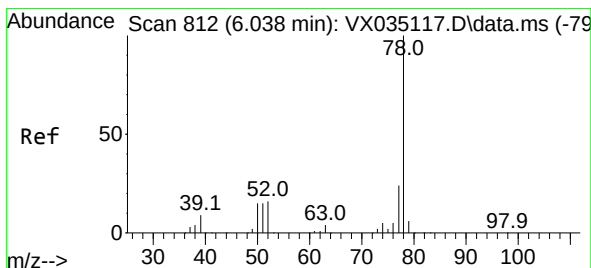
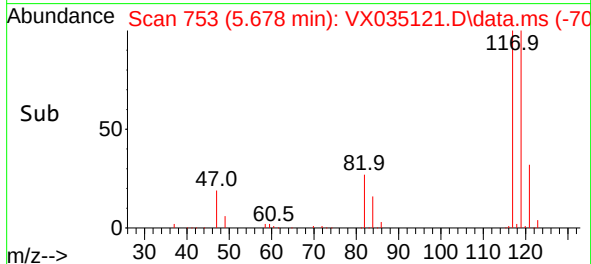
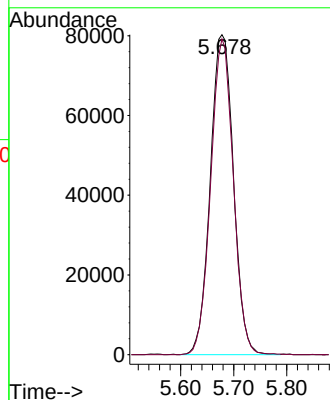
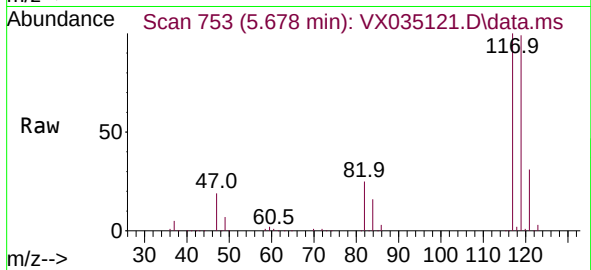




#31
Carbon tetrachloride
Concen: 54.436 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

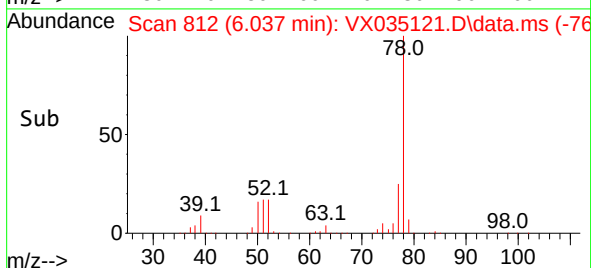
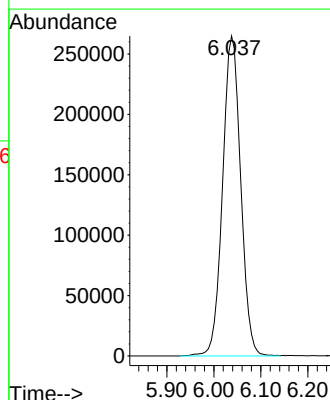
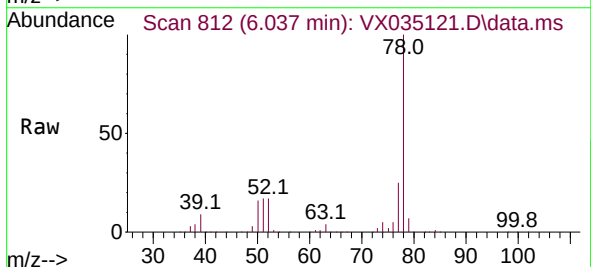
Instrument :
MSVOA_X
ClientSampleId :
VICV637

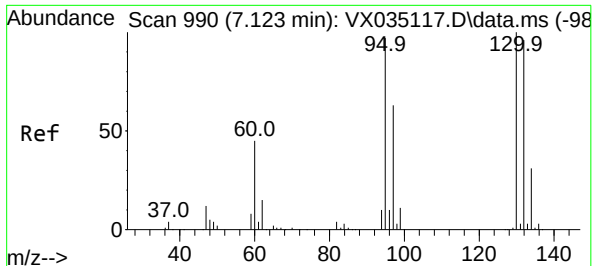
Tgt Ion:117 Resp: 243763
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 52.152 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion: 78 Resp: 711132



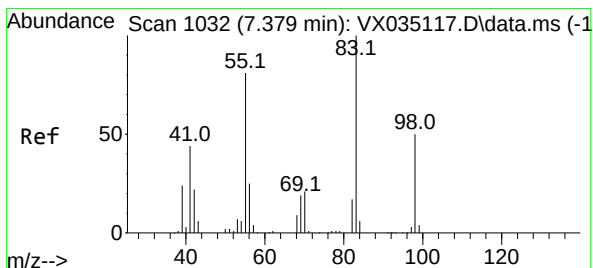
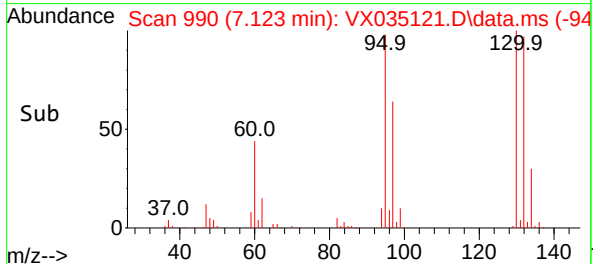
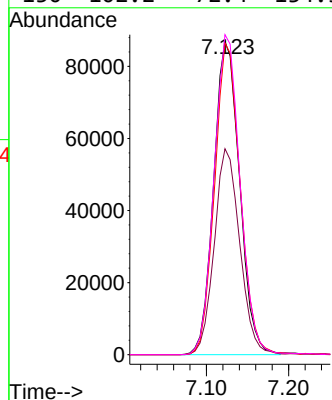
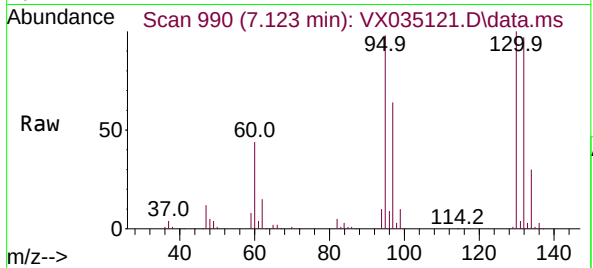


#34
Trichloroethene
Concen: 52.439 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Instrument :
MSVOA_X
ClientSampleId :
VICV637

Tgt Ion: 95 Resp: 190210

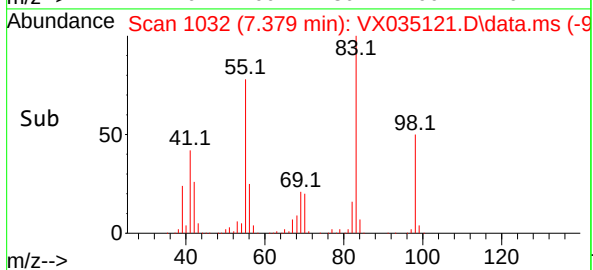
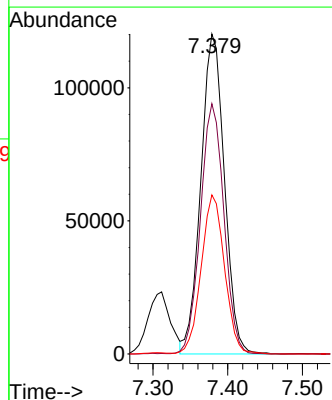
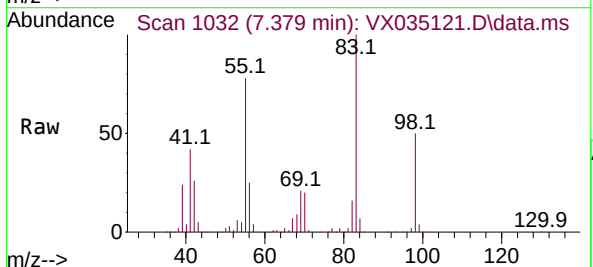
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.6	84.8
132	99.5	69.7	129.4
130	102.2	72.4	134.5

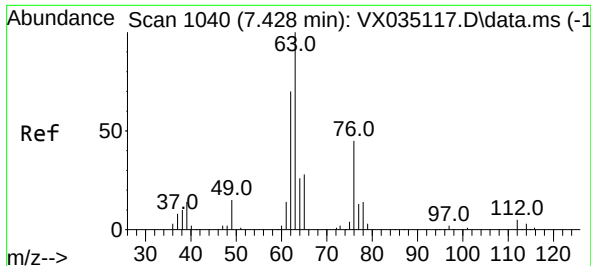


#35
Methylcyclohexane
Concen: 53.917 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion: 83 Resp: 263382

Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.2	93.2
98	49.3	39.3	58.9





#37

1,2-Dichloropropane

Concen: 52.287 ug/L

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

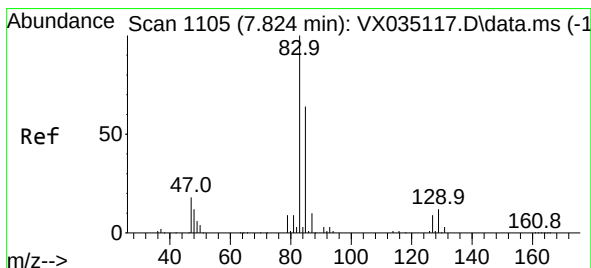
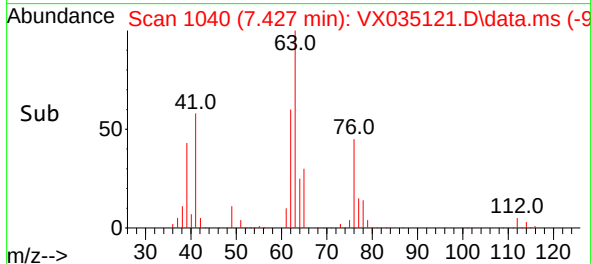
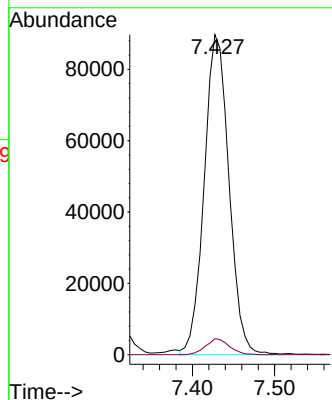
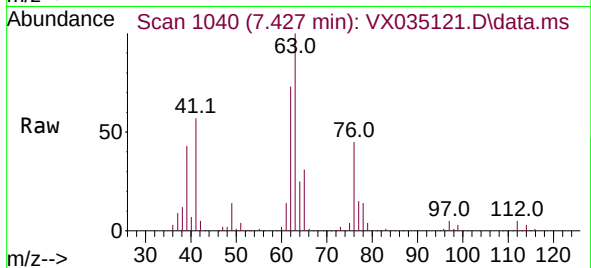
VICV637

Tgt Ion: 63 Resp: 187712

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 53.490 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

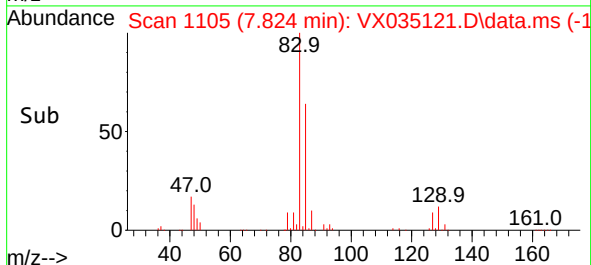
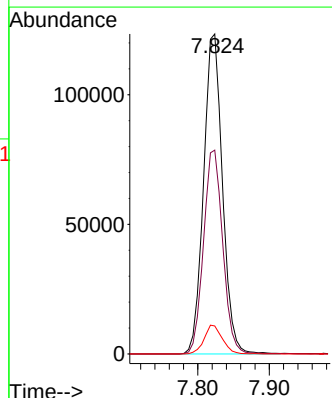
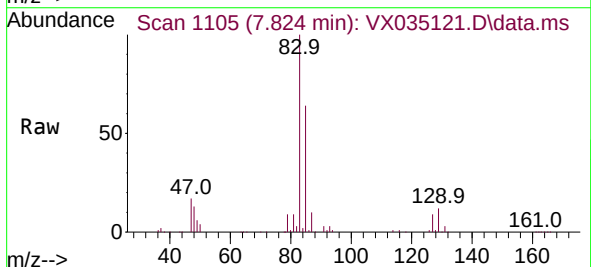
Tgt Ion: 83 Resp: 226892

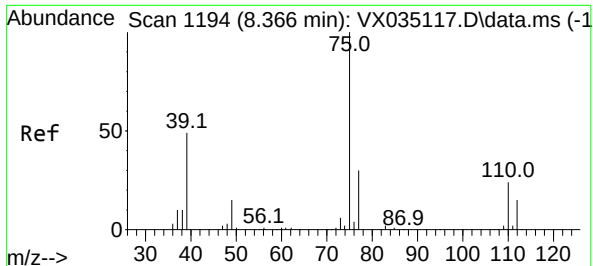
Ion Ratio Lower Upper

83 100

85 63.7 44.7 82.9

127 8.7 6.9 10.3

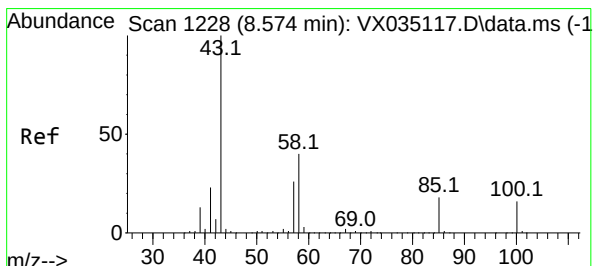
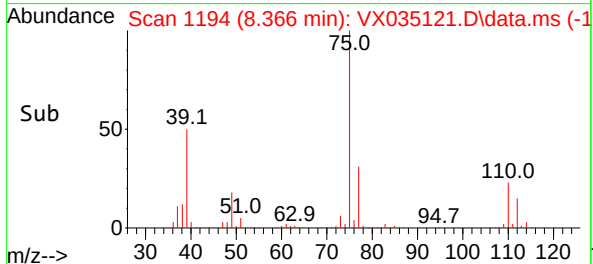
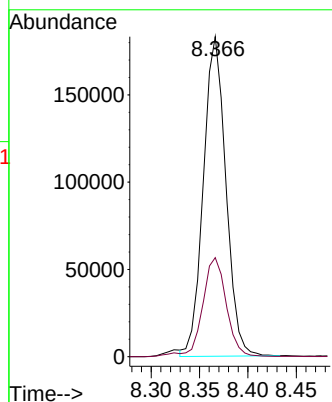
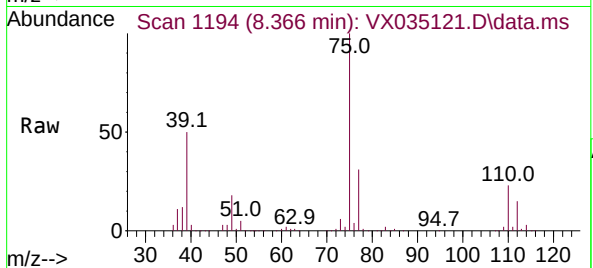




#39
 cis-1,3-Dichloropropene
 Concen: 55.334 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

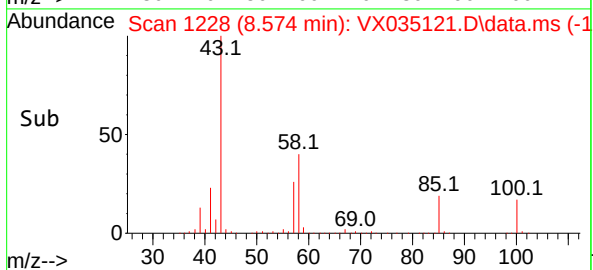
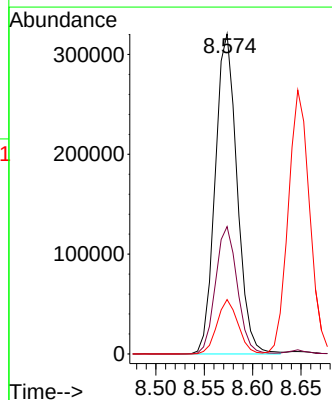
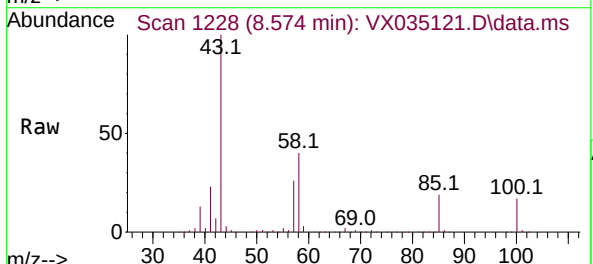
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV637

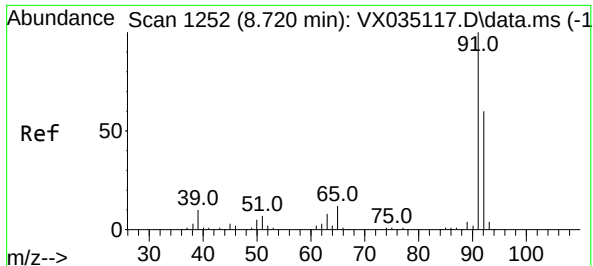
Tgt Ion: 75 Resp: 297030
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 106.460 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

Tgt Ion: 43 Resp: 503820
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.5 47.3
 100 16.4 12.8 19.2





#42

Toluene

Concen: 52.683 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

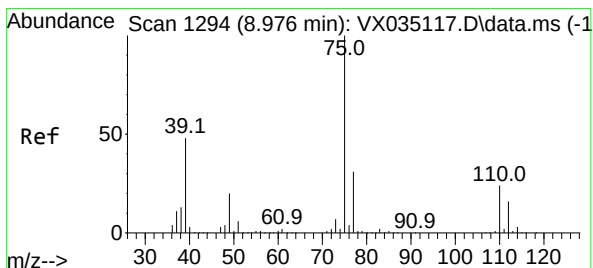
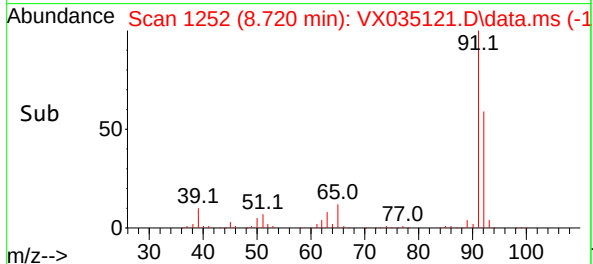
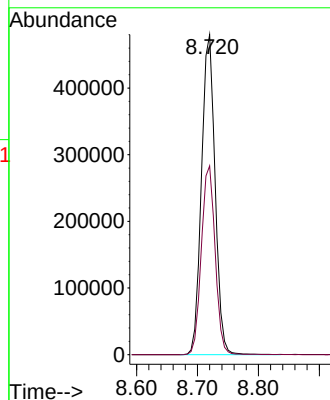
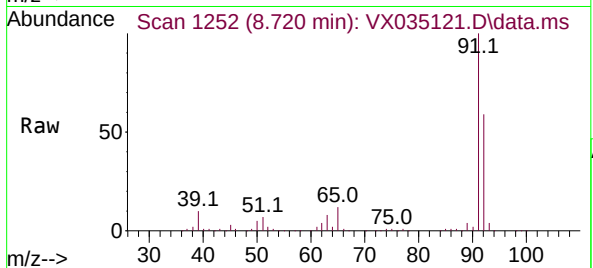
VICV637

Tgt Ion: 91 Resp: 745324

Ion Ratio Lower Upper

91 100

92 59.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 55.743 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX035121.D

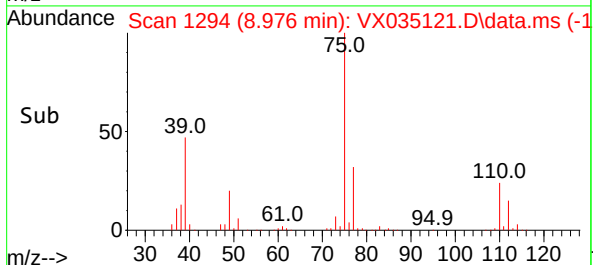
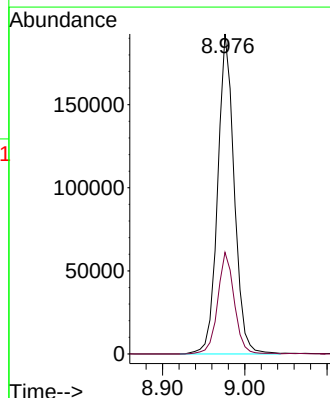
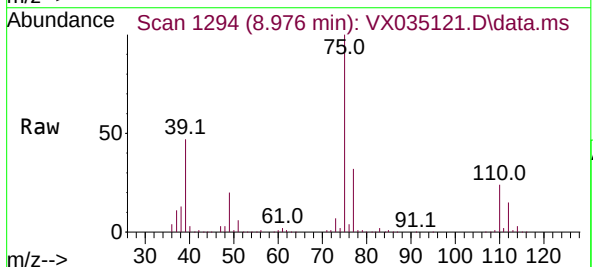
Acq: 18 Apr 2023 14:23

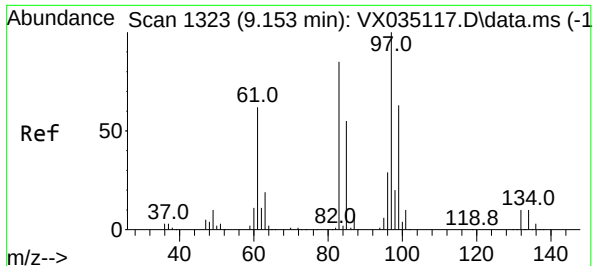
Tgt Ion: 75 Resp: 269615

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



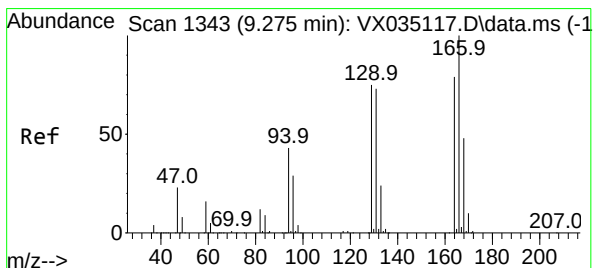
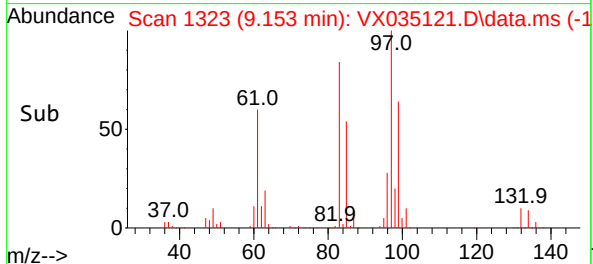
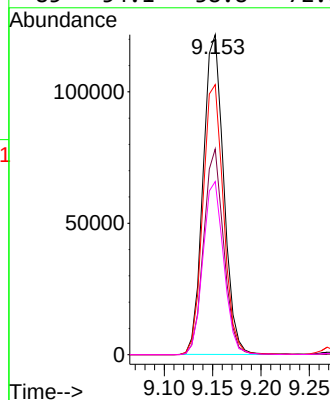
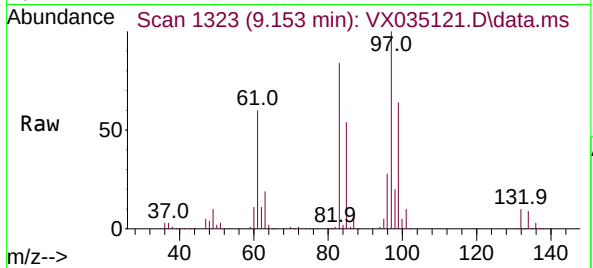


#45
1,1,2-Trichloroethane
Concen: 52.931 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Instrument :
MSVOA_X
ClientSampleId :
VICV637

Tgt Ion: 97 Resp: 180317

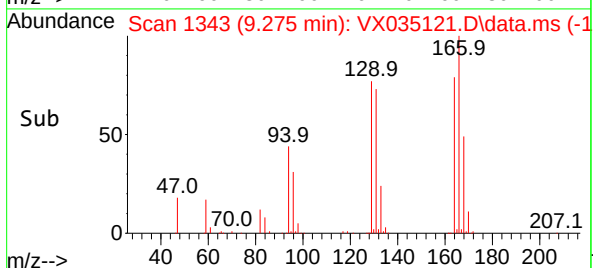
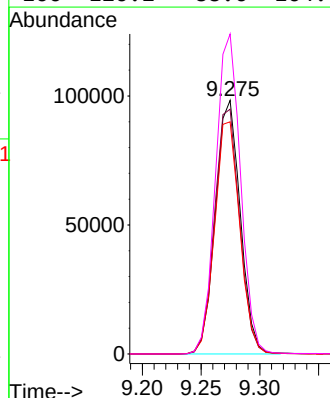
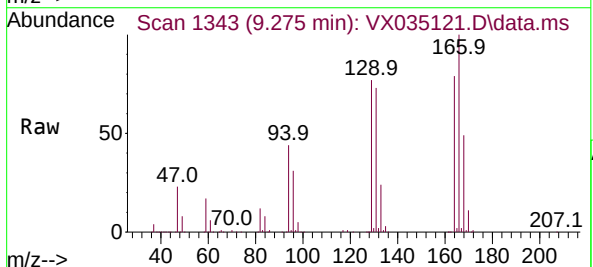
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.8	81.4
83	84.4	59.8	111.0
85	54.1	38.8	72.0

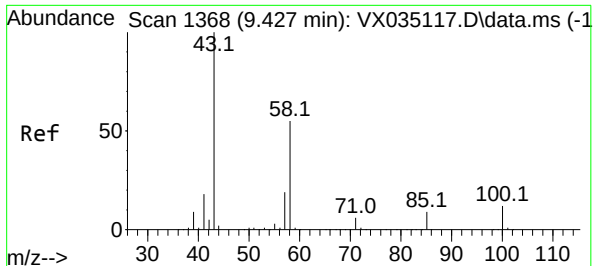


#46
Tetrachloroethene
Concen: 53.495 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion: 164 Resp: 144539

Ion	Ratio	Lower	Upper
164	100		
129	96.5	66.1	122.8
131	91.5	65.0	120.8
166	126.2	88.6	164.6



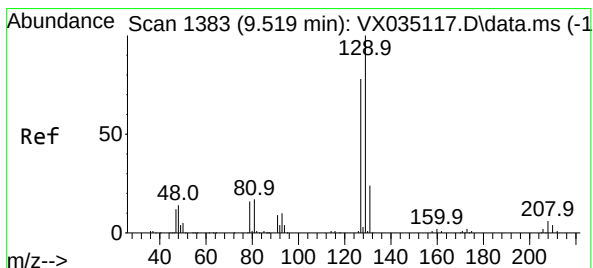
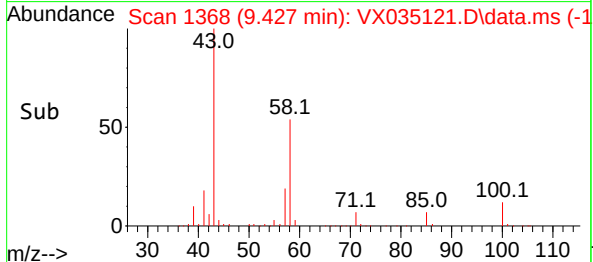
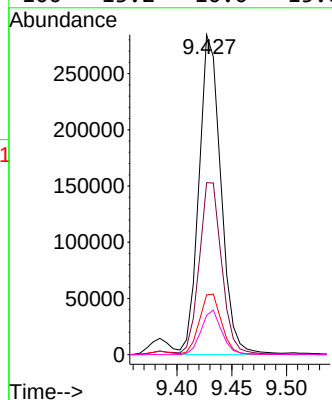
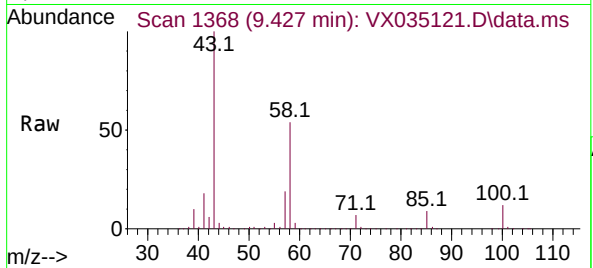


#48
2-Hexanone
Concen: 110.226 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Instrument :
MSVOA_X
ClientSampleId :
VICV637

Tgt Ion: 43 Resp: 396055

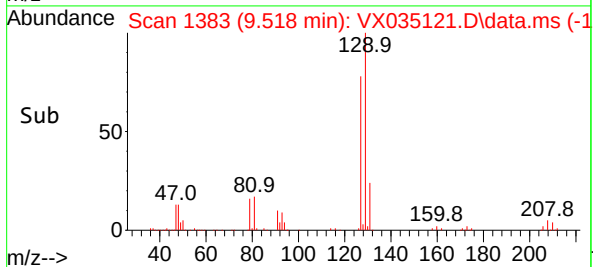
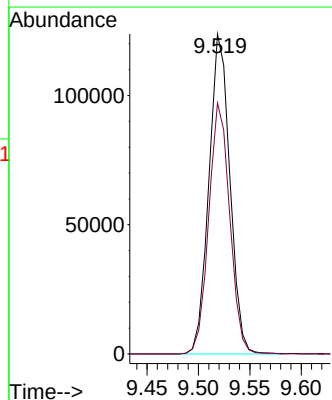
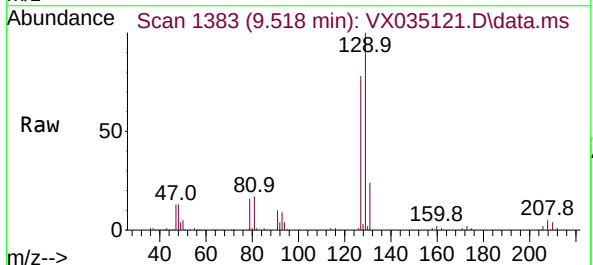
Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.2	64.8
57	19.2	15.4	23.0
100	13.2	10.0	15.0

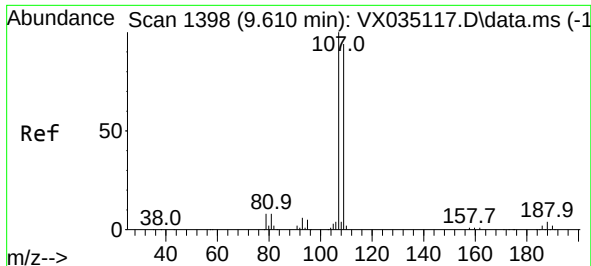


#49
Dibromochloromethane
Concen: 54.159 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion: 129 Resp: 175340

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.8	101.8





#50

1,2-Dibromoethane

Concen: 53.449 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

VICV637

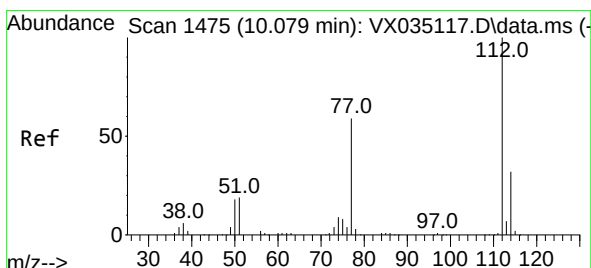
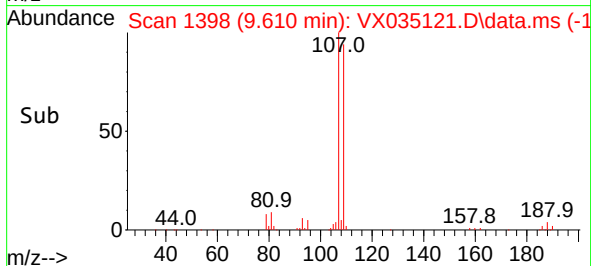
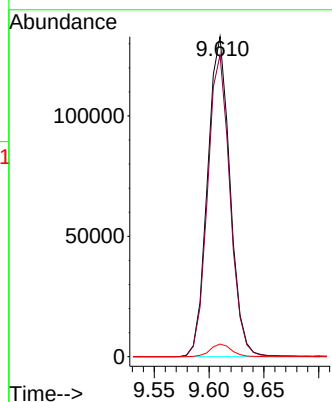
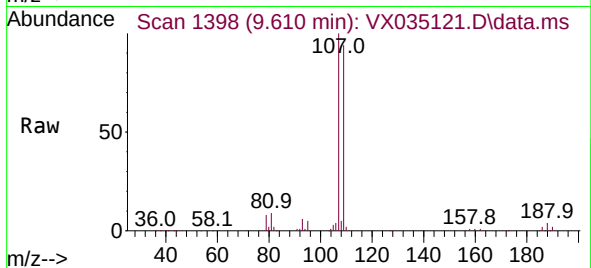
Tgt Ion:107 Resp: 189462

Ion Ratio Lower Upper

107 100

109 94.3 65.6 121.8

188 4.0 3.3 4.9



#51

Chlorobenzene

Concen: 52.679 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

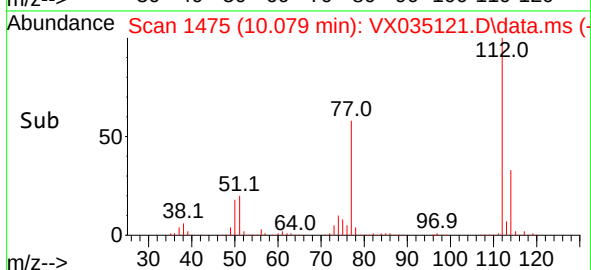
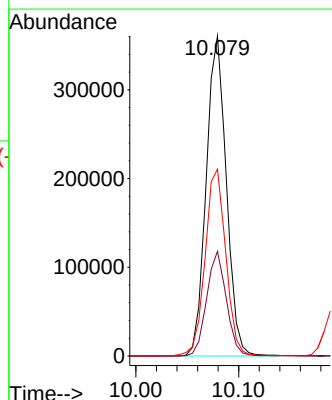
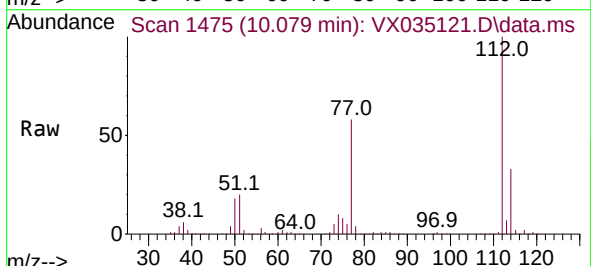
Tgt Ion:112 Resp: 490992

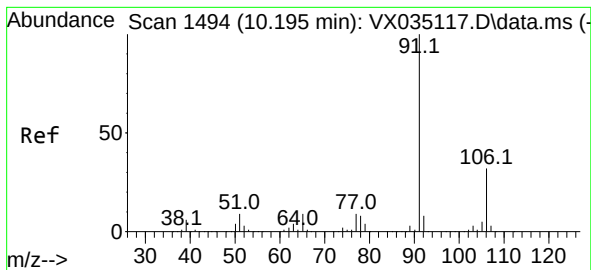
Ion Ratio Lower Upper

112 100

114 32.7 22.4 41.6

77 58.4 47.0 70.6

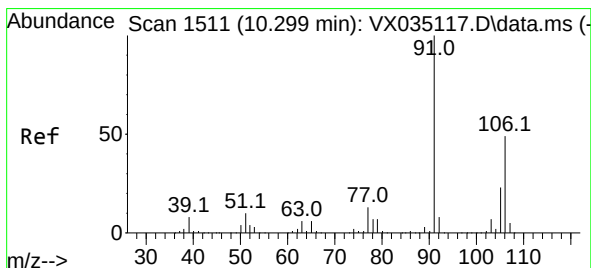
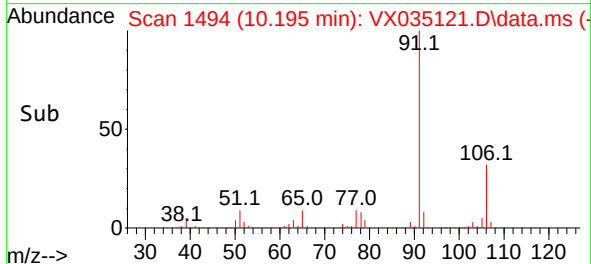
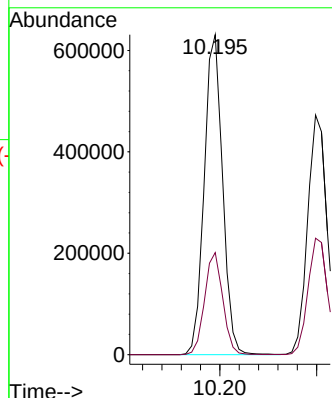
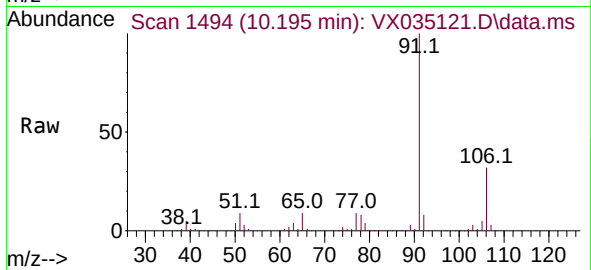




#52
Ethylbenzene
Concen: 53.268 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

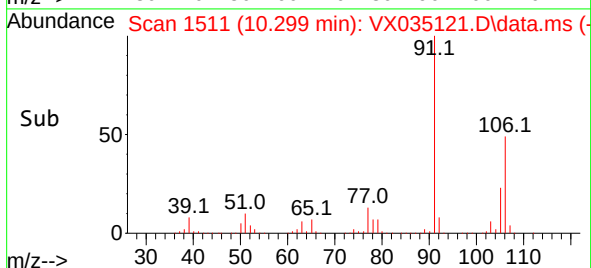
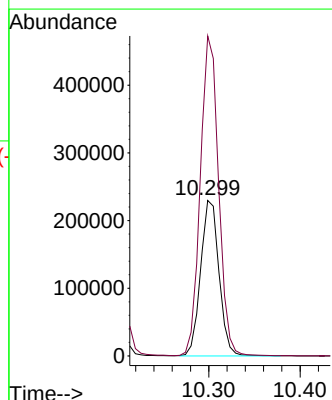
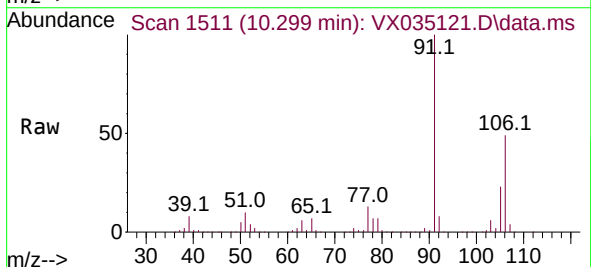
Instrument :
MSVOA_X
ClientSampleId :
VICV637

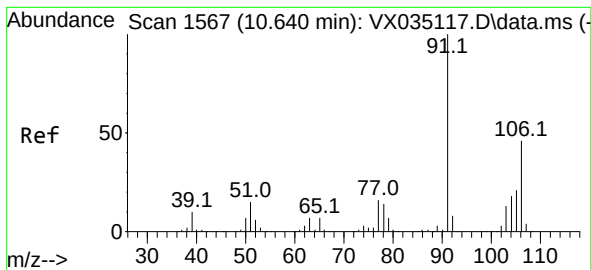
Tgt Ion: 91 Resp: 833047
Ion Ratio Lower Upper
91 100
106 31.9 22.6 42.0



#53
m,p-Xylene
Concen: 53.744 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion: 106 Resp: 321847
Ion Ratio Lower Upper
106 100
91 205.7 142.7 264.9





#54

o-Xylene

Concen: 53.587 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

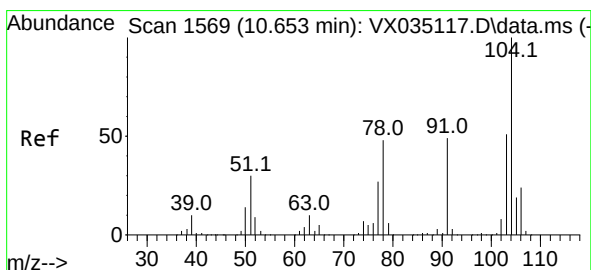
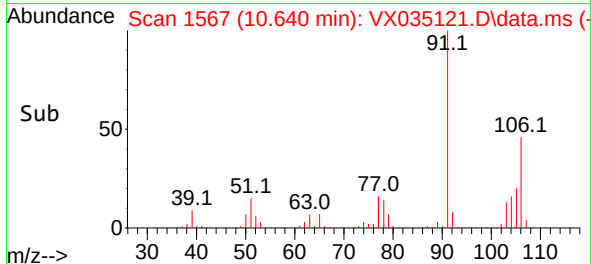
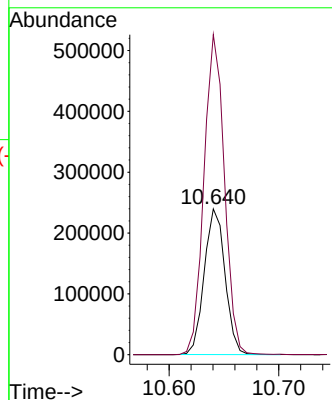
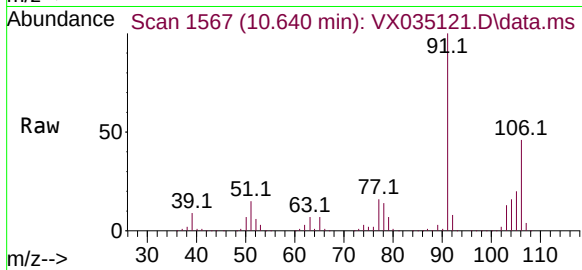
VICV637

Tgt Ion:106 Resp: 315506

Ion Ratio Lower Upper

106 100

91 219.4 153.9 285.7



#55

Styrene

Concen: 54.165 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX035121.D

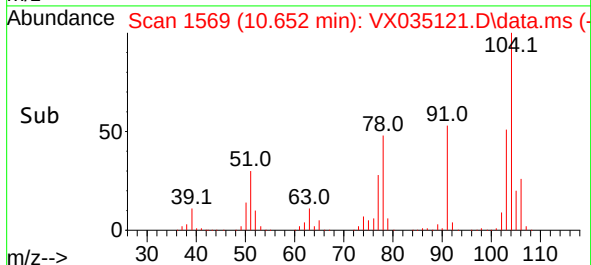
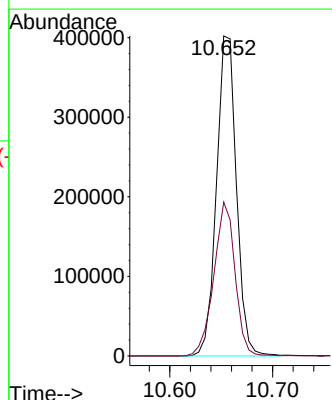
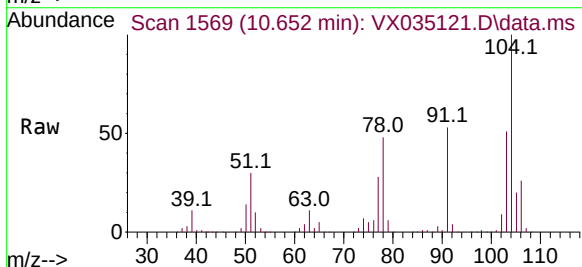
Acq: 18 Apr 2023 14:23

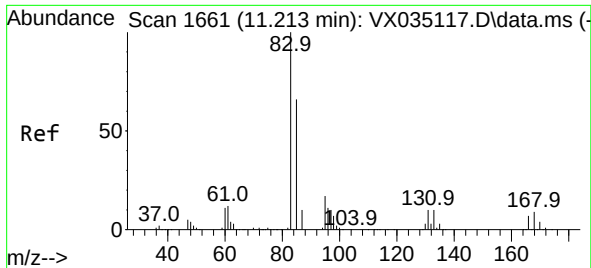
Tgt Ion:104 Resp: 540316

Ion Ratio Lower Upper

104 100

78 48.1 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 53.465 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

VICV637

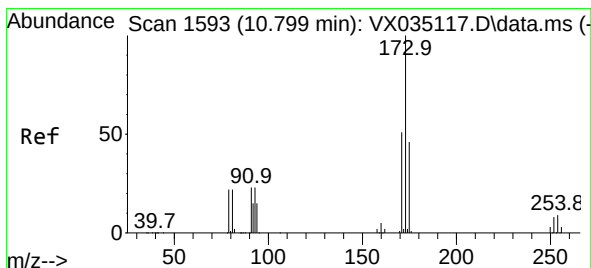
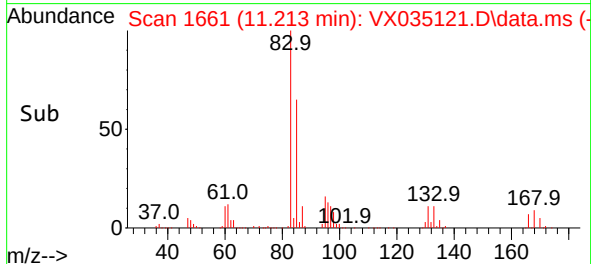
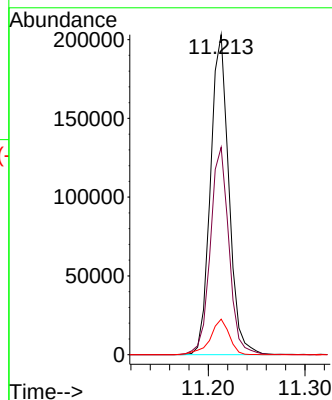
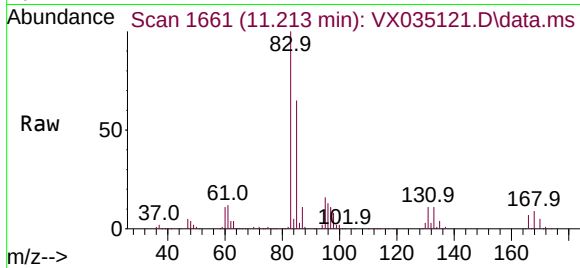
Tgt Ion: 83 Resp: 268427

Ion Ratio Lower Upper

83 100

85 64.8 46.0 85.4

131 11.1 8.3 12.5



#59

Bromoform

Concen: 53.759 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

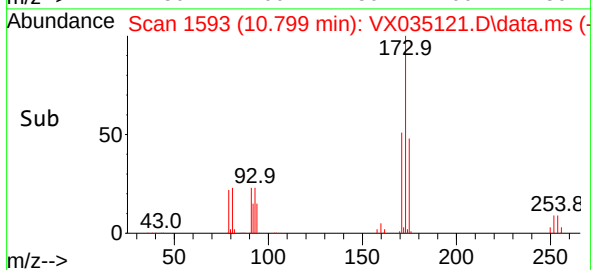
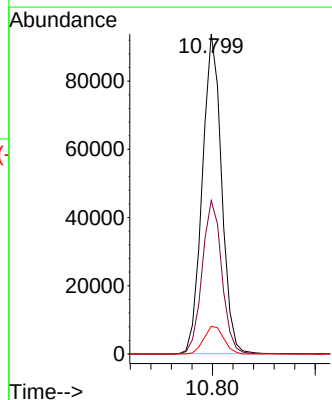
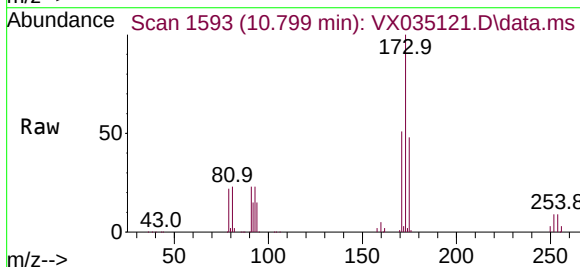
Tgt Ion:173 Resp: 122085

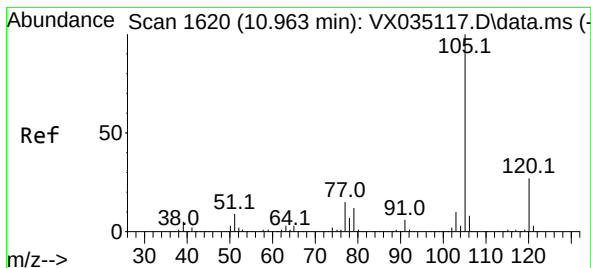
Ion Ratio Lower Upper

173 100

175 49.1 38.2 57.4

254 9.0 7.4 11.0





#60

Isopropylbenzene

Concen: 53.269 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

VICV637

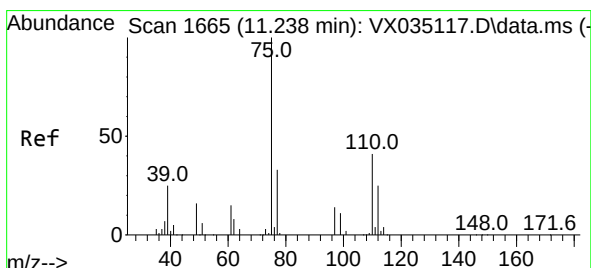
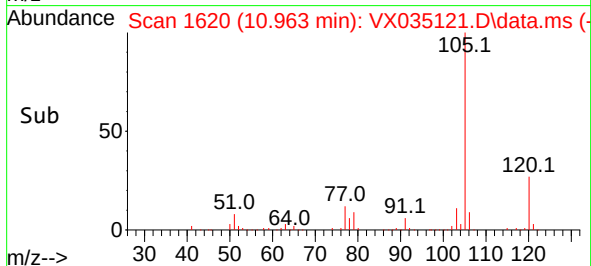
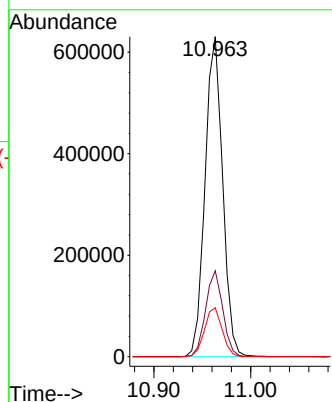
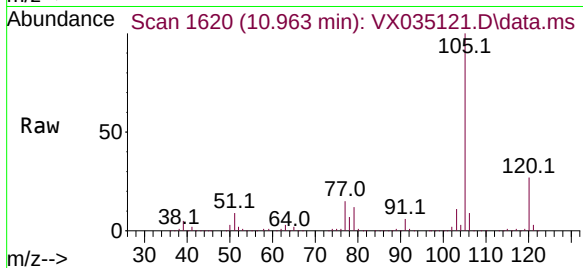
Tgt Ion:105 Resp: 799075

Ion Ratio Lower Upper

105 100

120 26.3 21.5 32.3

77 15.5 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 52.095 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

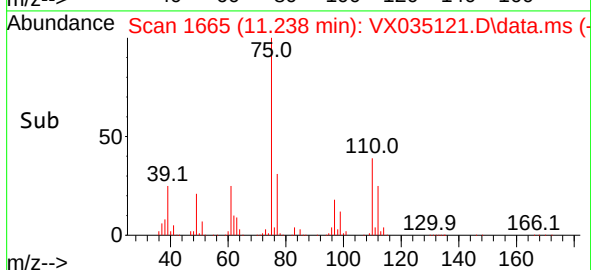
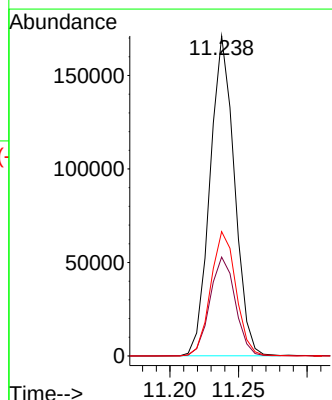
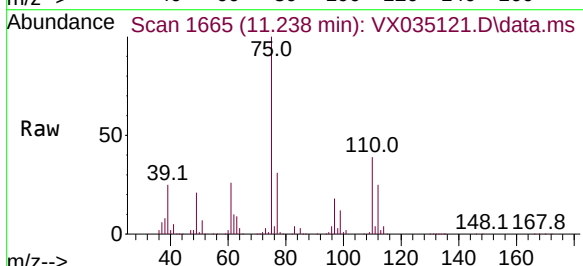
Tgt Ion: 75 Resp: 212186

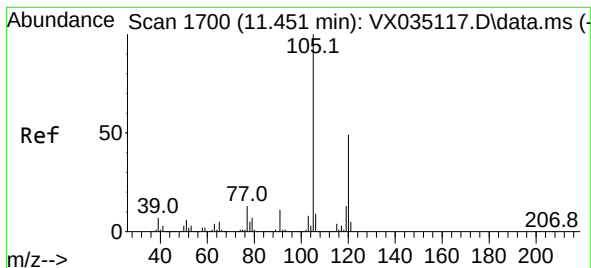
Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

110 40.3 32.5 48.7

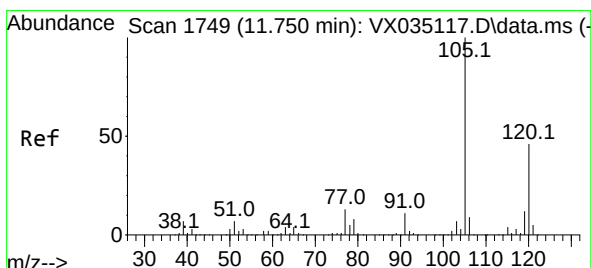
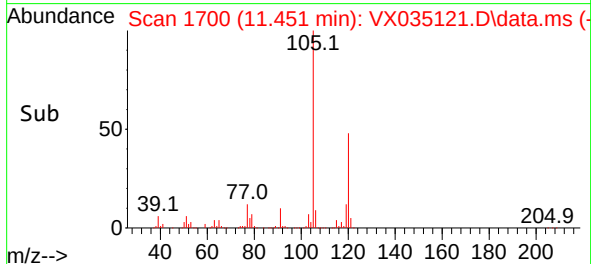
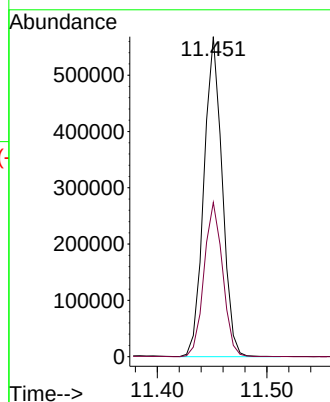
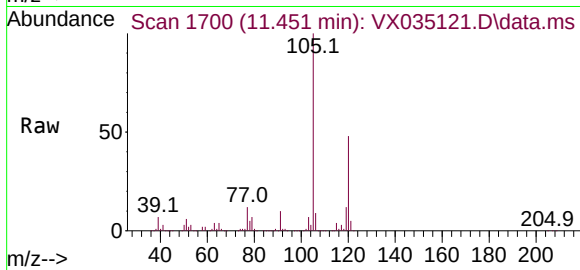




#62
 1,3,5-Trimethylbenzene
 Concen: 53.682 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

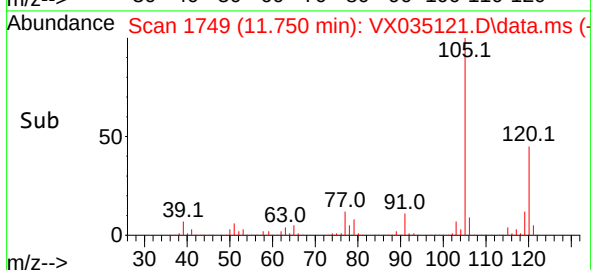
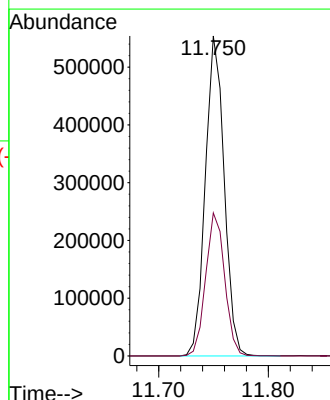
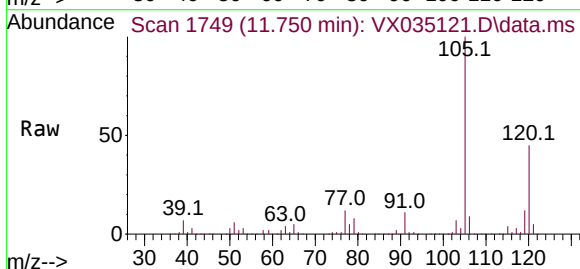
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV637

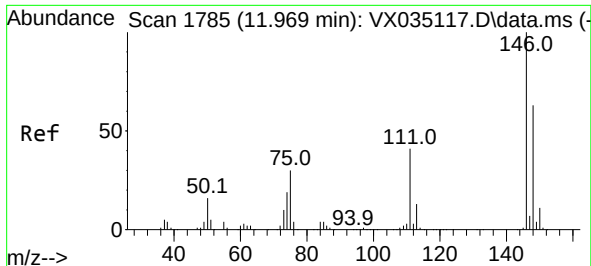
Tgt Ion:105 Resp: 658546
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 54.160 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX035121.D
 Acq: 18 Apr 2023 14:23

Tgt Ion:105 Resp: 660659
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.6 55.0

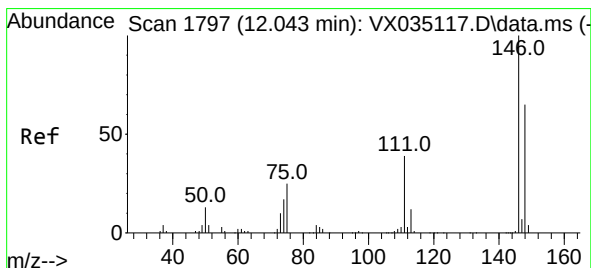
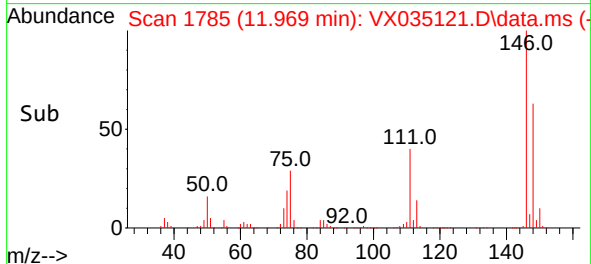
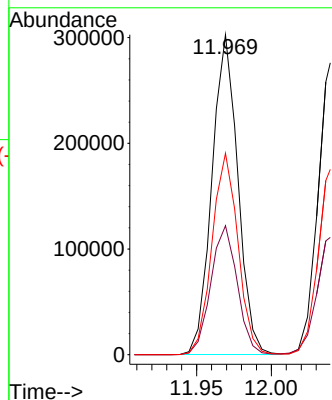
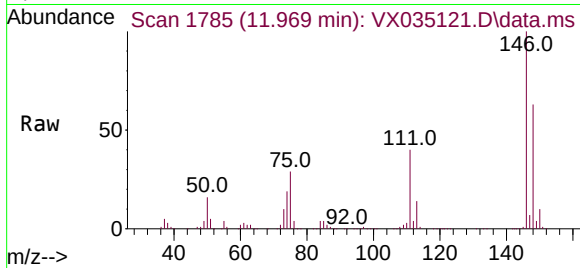




#64
1,3-Dichlorobenzene
Concen: 53.245 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

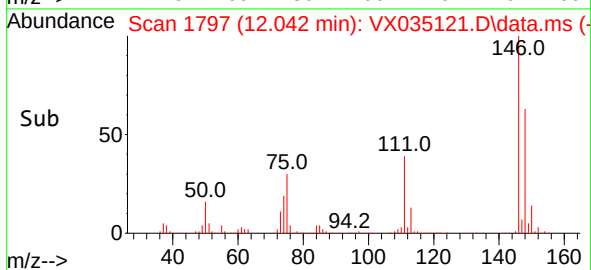
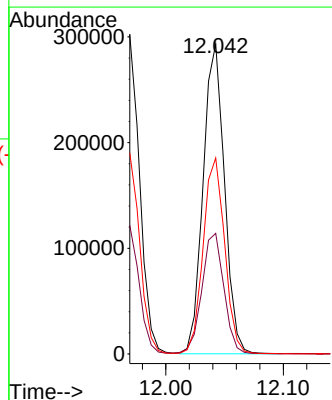
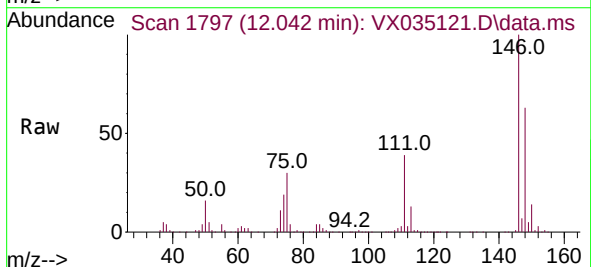
Instrument :
MSVOA_X
ClientSampleId :
VICV637

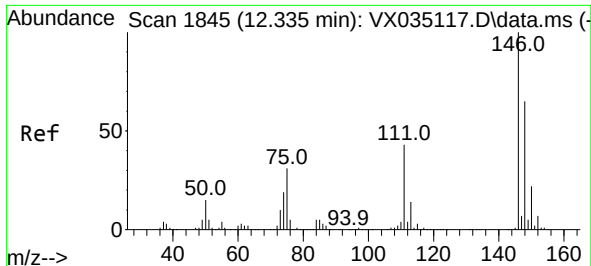
Tgt Ion:146 Resp: 364280
Ion Ratio Lower Upper
146 100
111 40.3 28.9 53.7
148 63.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 52.905 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion:146 Resp: 370375
Ion Ratio Lower Upper
146 100
111 38.9 27.9 51.7
148 63.2 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 52.196 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

VICV637

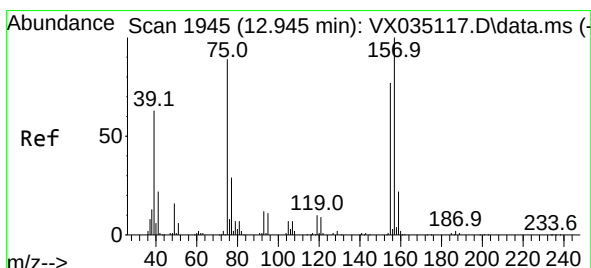
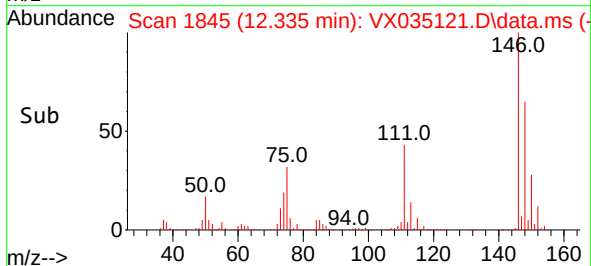
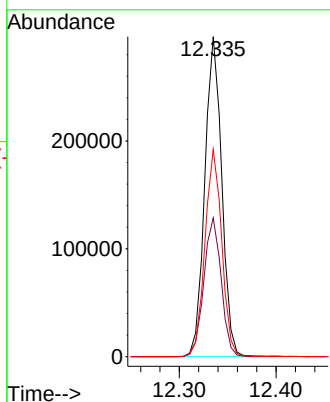
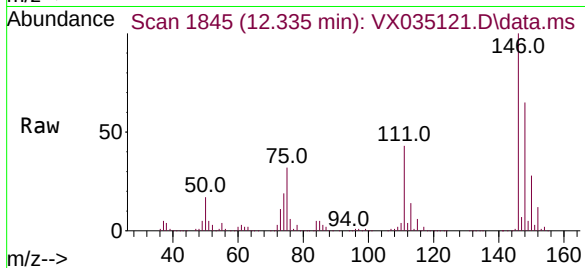
Tgt Ion:146 Resp: 362082

Ion Ratio Lower Upper

146 100

111 43.4 34.7 52.1

148 64.7 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 53.661 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

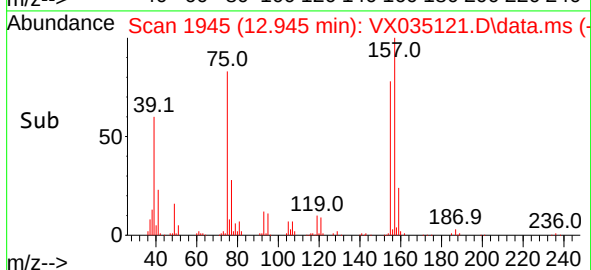
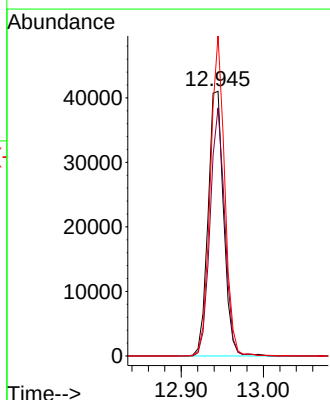
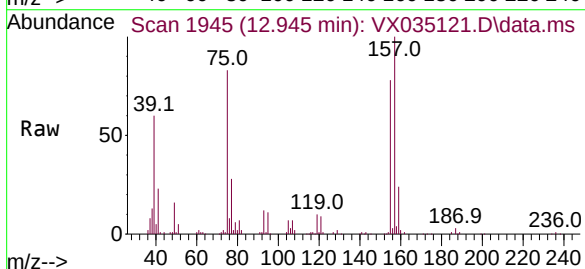
Tgt Ion: 75 Resp: 53931

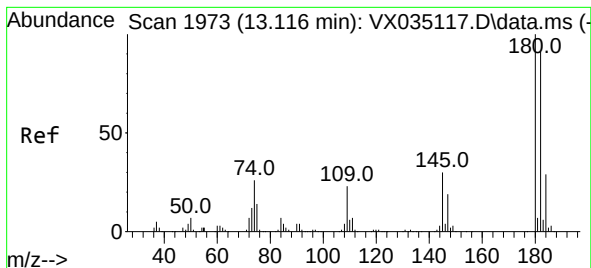
Ion Ratio Lower Upper

75 100

155 93.7 69.9 104.9

157 120.9 90.4 135.6





#69

1,3,5-Trichlorobenzene

Concen: 56.182 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

VICV637

Tgt Ion:180 Resp: 237624

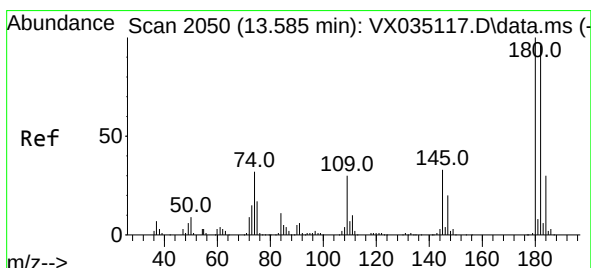
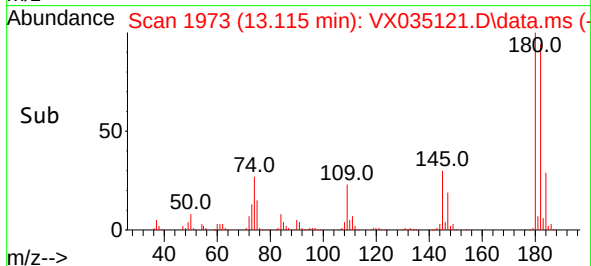
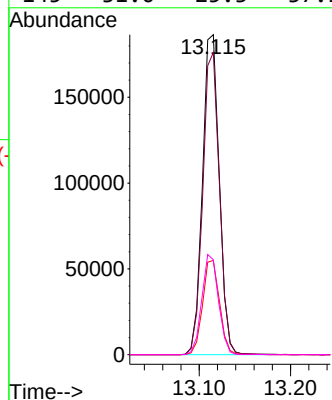
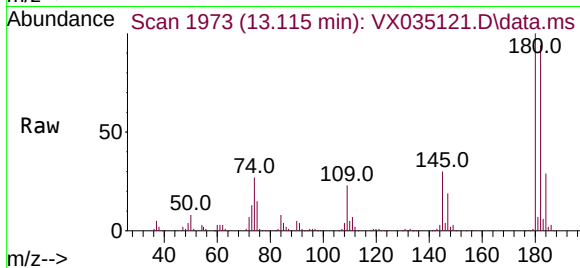
Ion Ratio Lower Upper

180 100

182 93.7 75.4 113.0

184 29.6 23.8 35.8

145 31.0 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 55.178 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035121.D

Acq: 18 Apr 2023 14:23

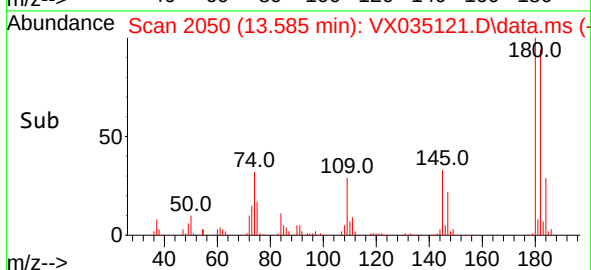
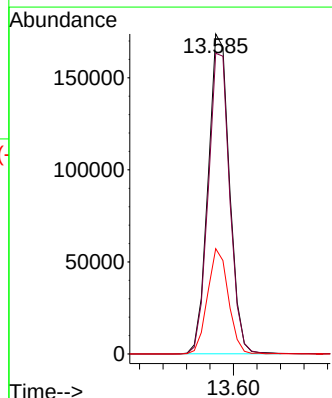
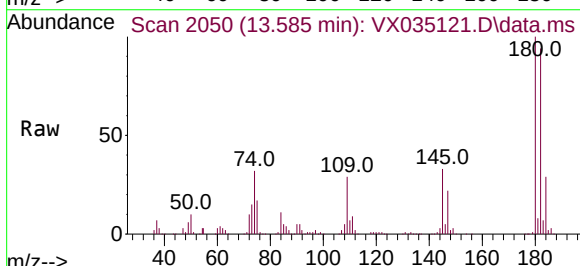
Tgt Ion:180 Resp: 218526

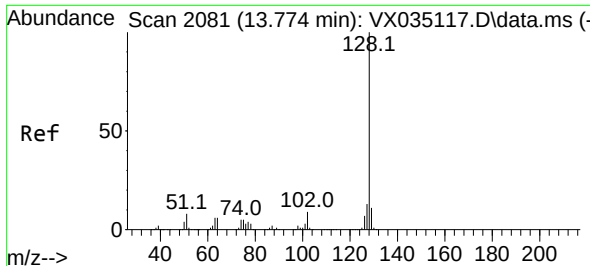
Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

145 32.2 26.2 39.4

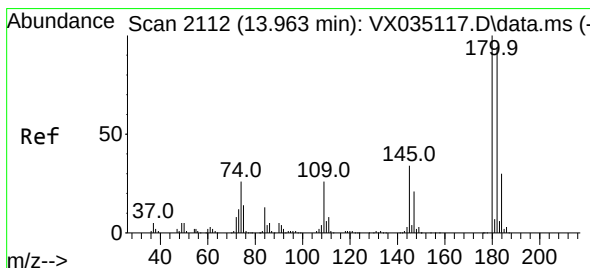
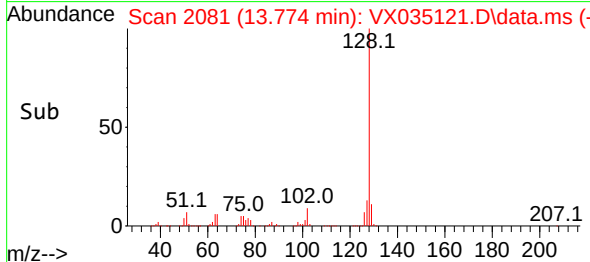
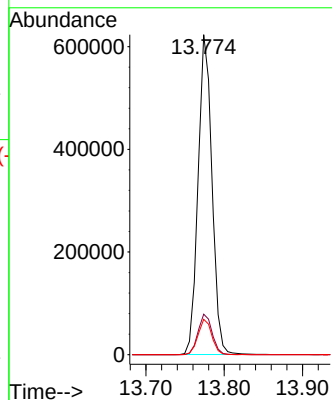
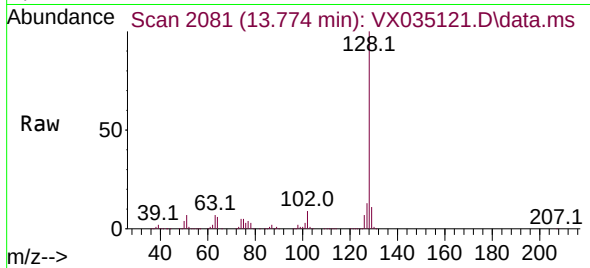




#71
Naphthalene
Concen: 54.606 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Instrument :
MSVOA_X
ClientSampleId :
VICV637

Tgt Ion:128 Resp: 770328
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 55.432 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035121.D
Acq: 18 Apr 2023 14:23

Tgt Ion:180 Resp: 216724
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.6
145 34.4 27.1 40.7

