

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\Not Reviewed Data\
 Data File : VX036034.D
 Acq On : 06 Jun 2023 15:48
 Operator : JC/MD
 Sample : 02991-04MS 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C06MS

Quant Time: Jun 08 15:27:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	300204	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	140576	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	105005	51.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.960%	
7) Chloroethane-d5	1.672	69	80476	51.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.900%	
11) 1,1-Dichloroethene-d2	2.306	65	53834	52.057	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.120%	
21) 2-Butanone-d5	4.471	46	190091	113.703	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 113.700%	
24) Chloroform-d	5.056	84	221214	52.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.020%	
26) 1,2-Dichloroethane-d4	5.952	65	164573	53.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.060%	
32) Benzene-d6	5.976	84	425423	51.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.340%	
36) 1,2-Dichloropropane-d6	7.305	67	134685	52.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.260%	
41) Toluene-d8	8.647	98	396734	52.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.720%	
43) trans-1,3-Dichloroprop...	8.951	79	63844	51.976	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.960%	
47) 2-Hexanone-d5	9.384	63	134607	118.133	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 118.130%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	191068	54.665	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 109.340%	
66) 1,2-Dichlorobenzene-d4	12.323	152	143208	52.471	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129296	45.224	ug/L	98
3) Chloromethane	1.294	50	120537	44.747	ug/L	98
5) Vinyl chloride	1.374	62	112238	44.952	ug/L	99
6) Bromomethane	1.617	94	64996	44.681	ug/L	99
8) Chloroethane	1.691	64	66648	44.999	ug/L	100
9) Trichlorofluoromethane	1.886	101	160404	45.672	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	99957	43.606	ug/L	99
12) 1,1-Dichloroethene	2.318	96	89448	44.839	ug/L	95
13) Acetone	2.398	43	114429	64.781	ug/L	98
14) Carbon disulfide	2.514	76	239835	43.809	ug/L	99
15) Methyl Acetate	2.709	43	128080	46.865	ug/L	99
16) Methylene chloride	2.788	84	103373	45.128	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	91944	43.019	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	385544	50.700	ug/L	99
19) 1,1-Dichloroethane	3.611	63	192516	45.180	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	134011	54.648	ug/L	97
22) 2-Butanone	4.568	43	181896	86.217	ug/L	99
23) Bromochloromethane	4.903	128	53969	44.341	ug/L	94
25) Chloroform	5.092	83	212669	45.882	ug/L	98

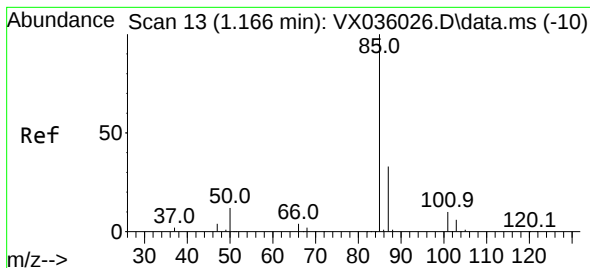
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 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	185281	46.848	ug/L	100
29) Cyclohexane	5.470	56	167721	44.123	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	172640	45.521	ug/L	100
31) Carbon tetrachloride	5.678	117	144971	46.029	ug/L	99
33) Benzene	6.037	78	413868	45.392	ug/L	100
34) Trichloroethene	7.122	95	121952	49.661	ug/L	99
35) Methylcyclohexane	7.379	83	159004	44.108	ug/L	99
37) 1,2-Dichloropropane	7.427	63	109813	45.890	ug/L	99
38) Bromodichloromethane	7.824	83	139569	45.240	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	172392	46.109	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	359669	99.799	ug/L	100
42) Toluene	8.720	91	430484	45.396	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	162558	46.432	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	106886	45.639	ug/L	100
46) Tetrachloroethene	9.275	164	174836	101.813	ug/L	97
48) 2-Hexanone	9.433	43	277168	97.466	ug/L	99
49) Dibromochloromethane	9.518	129	102208	45.996	ug/L	97
50) 1,2-Dibromoethane	9.610	107	115903	46.835	ug/L #	98
51) Chlorobenzene	10.079	112	276692	44.349	ug/L	98
52) Ethylbenzene	10.195	91	492532	45.096	ug/L	100
53) m,p-Xylene	10.299	106	183992	44.422	ug/L	97
54) o-Xylene	10.640	106	180292	44.533	ug/L	98
55) Styrene	10.652	104	309825	45.029	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	176204	47.867	ug/L	99
59) Bromoform	10.799	173	66865	45.494	ug/L	100
60) Isopropylbenzene	10.963	105	484680	45.038	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	145048	48.249	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	408028	45.586	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	375971	45.392	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	204658	43.916	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	208351	43.709	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	203999	44.811	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	37232	49.039	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	125083	43.852	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	112447	43.157	ug/L	99
71) Naphthalene	13.774	128	396641	46.285	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	111200	42.920	ug/L	100

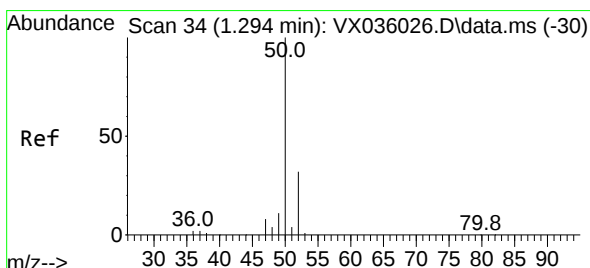
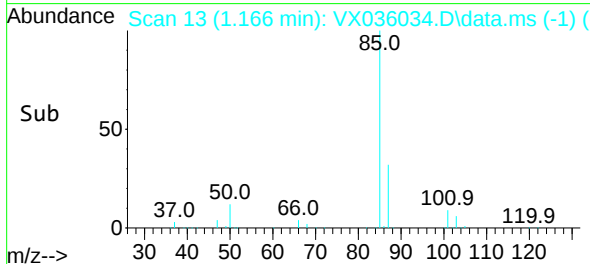
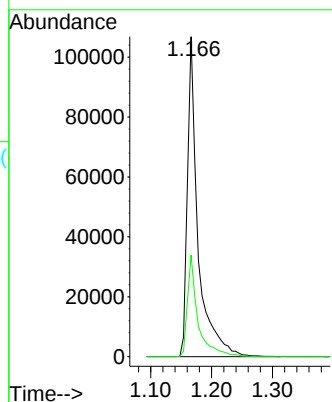
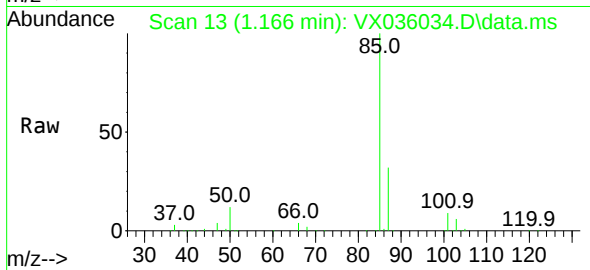
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#2
Dichlorodifluoromethane
Concen: 45.224 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

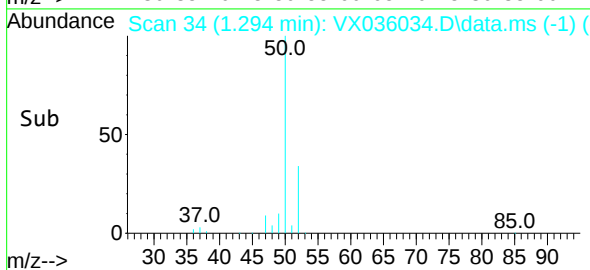
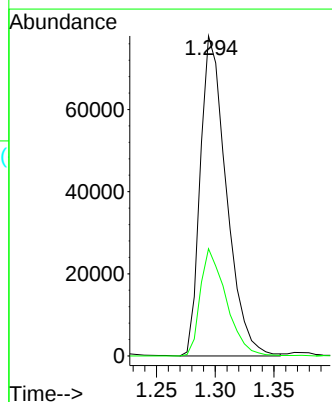
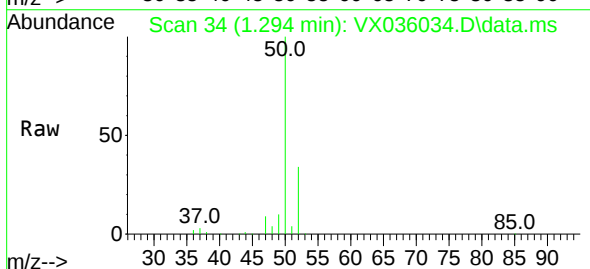
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

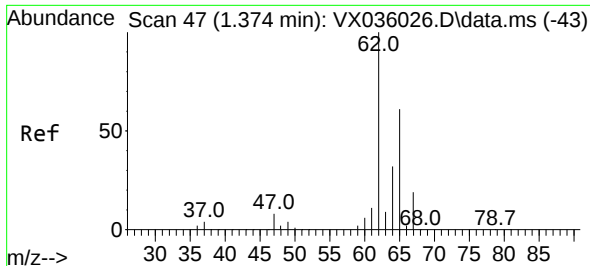
Tgt Ion: 85 Resp: 129296
Ion Ratio Lower Upper
85 100
87 31.6 26.4 39.6



#3
Chloromethane
Concen: 44.747 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 50 Resp: 120537
Ion Ratio Lower Upper
50 100
52 33.5 22.5 41.9

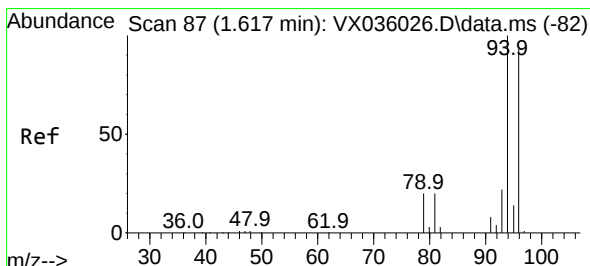
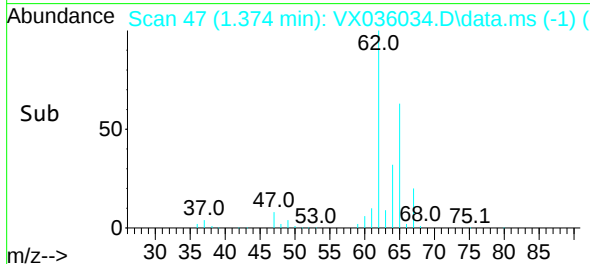
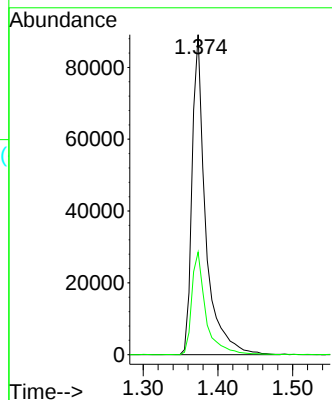
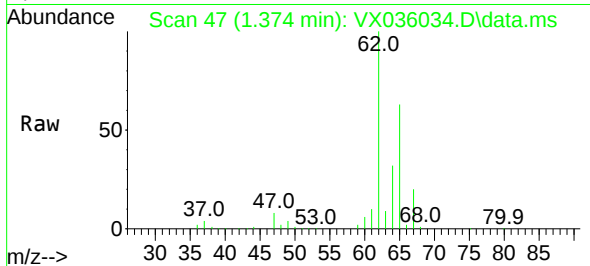




#5
 Vinyl chloride
 Concen: 44.952 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036034.D
 Acq: 06 Jun 2023 15:48

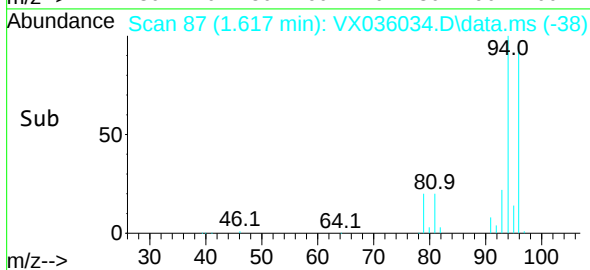
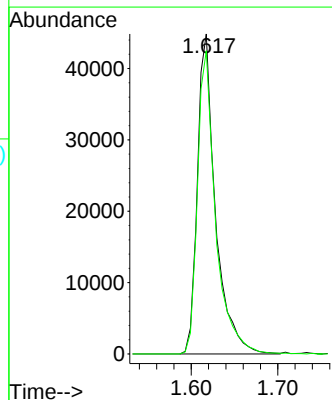
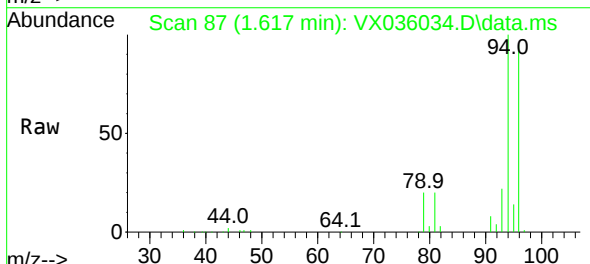
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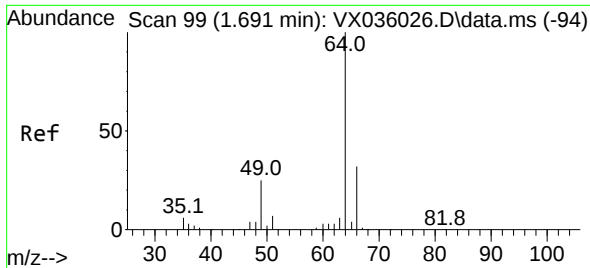
Tgt Ion: 62 Resp: 112238
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.7 42.1



#6
 Bromomethane
 Concen: 44.681 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX036034.D
 Acq: 06 Jun 2023 15:48

Tgt Ion: 94 Resp: 64996
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.8 122.2

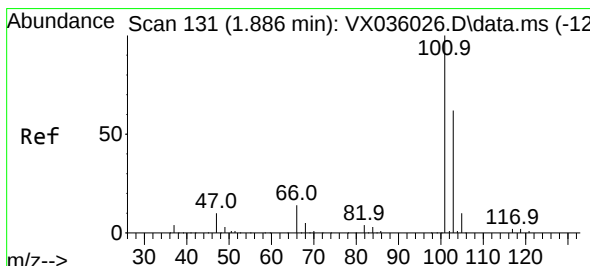
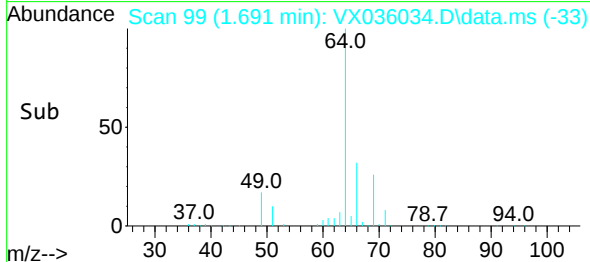
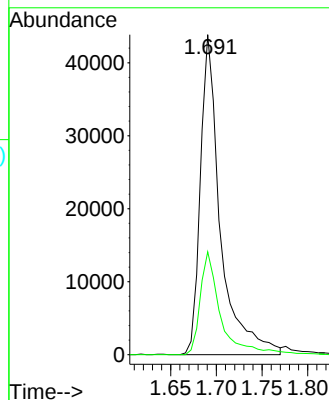
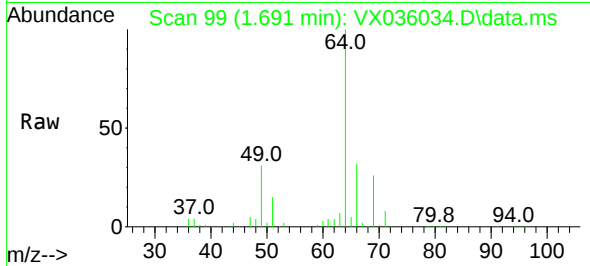




#8
 Chloroethane
 Concen: 44.999 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VX036034.D
 Acq: 06 Jun 2023 15:48

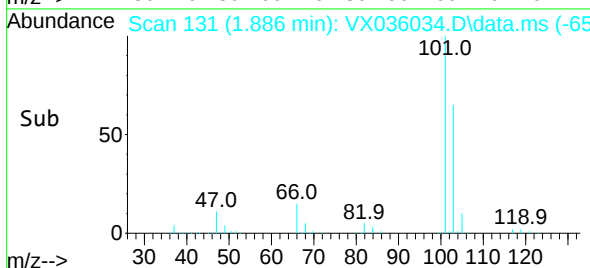
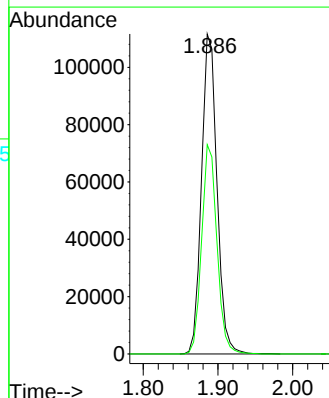
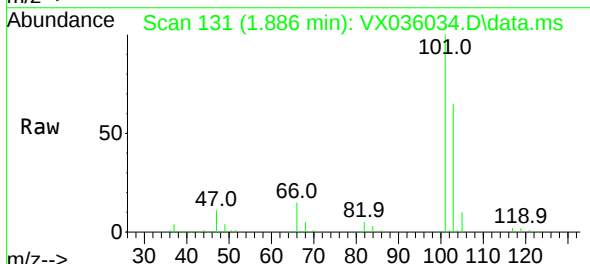
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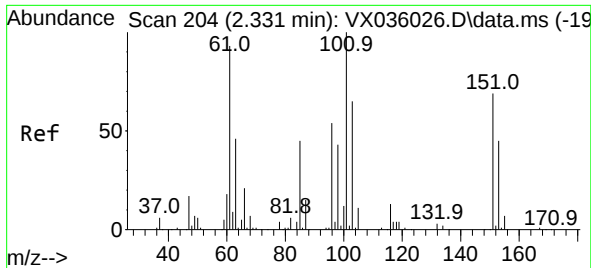
Tgt Ion: 64 Resp: 66648
 Ion Ratio Lower Upper
 64 100
 66 32.2 22.5 41.7



#9
 Trichlorofluoromethane
 Concen: 45.672 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX036034.D
 Acq: 06 Jun 2023 15:48

Tgt Ion: 101 Resp: 160404
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0

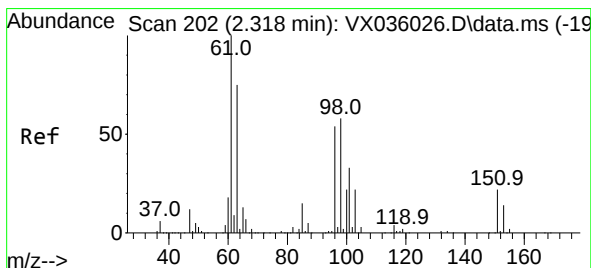
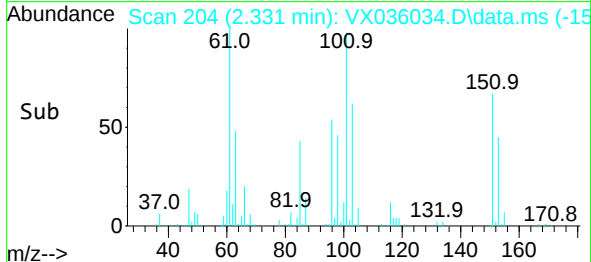
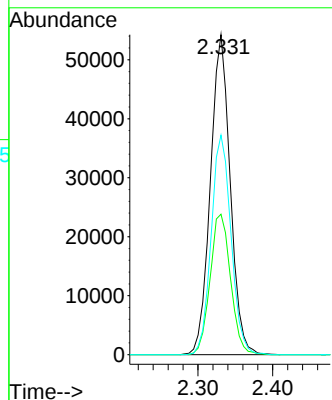
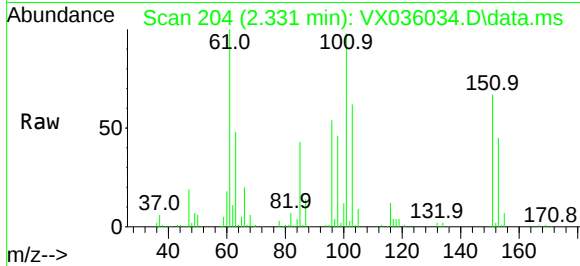




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.606 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX036034.D
 Acq: 06 Jun 2023 15:48

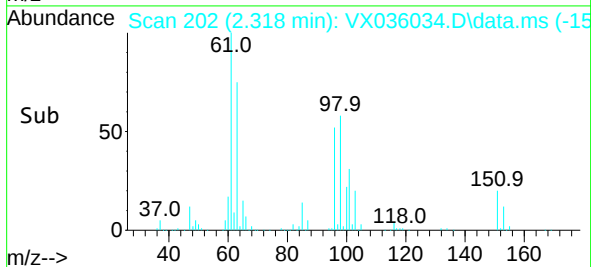
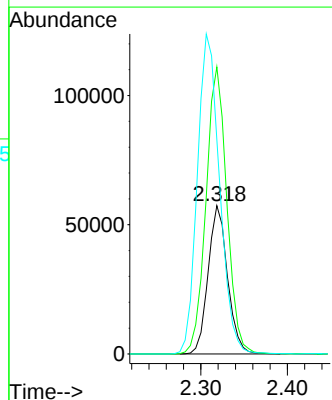
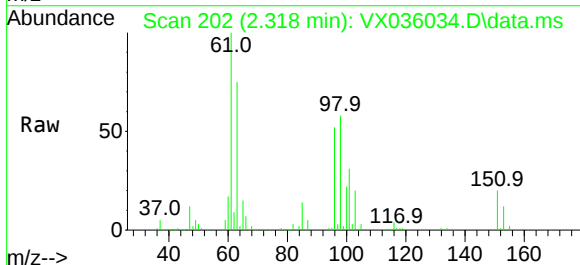
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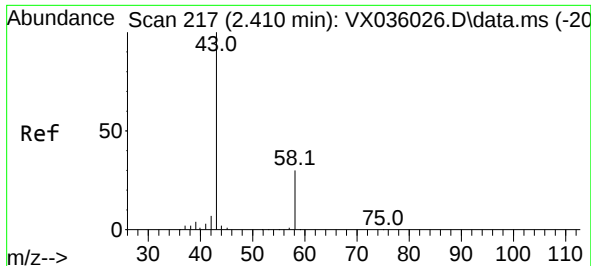
Tgt Ion:101 Resp: 99957
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.6 55.0
 151 68.7 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 44.839 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX036034.D
 Acq: 06 Jun 2023 15:48

Tgt Ion: 96 Resp: 89448
 Ion Ratio Lower Upper
 96 100
 61 193.5 132.5 246.1
 63 144.5 95.1 176.7





#13

Acetone

Concen: 64.781 ug/L

RT: 2.398 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

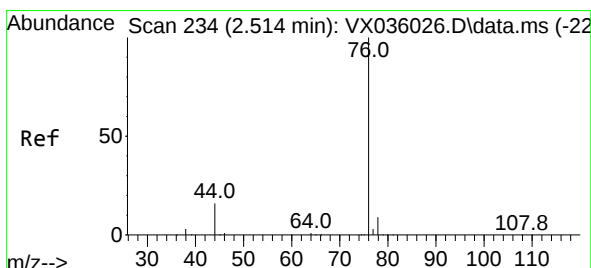
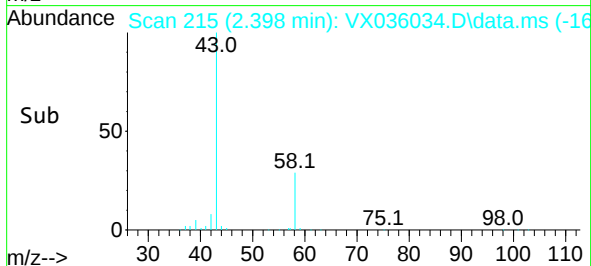
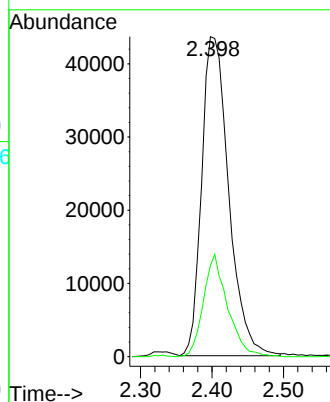
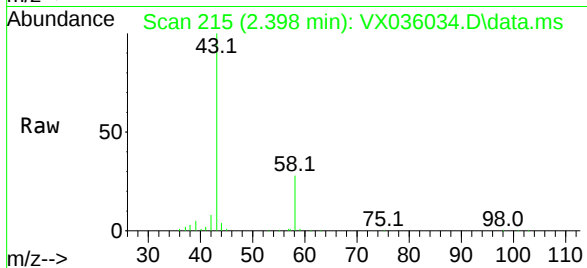
F6C06MS

Tgt Ion: 43 Resp: 114429

Ion Ratio Lower Upper

43 100

58 28.6 0.0 55.4



#14

Carbon disulfide

Concen: 43.809 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX036034.D

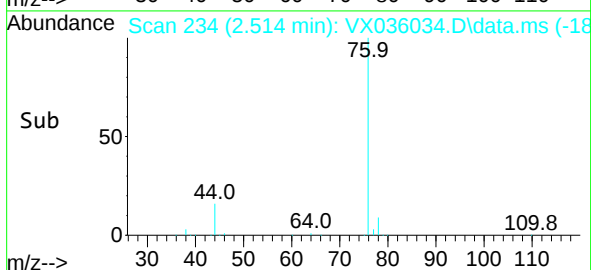
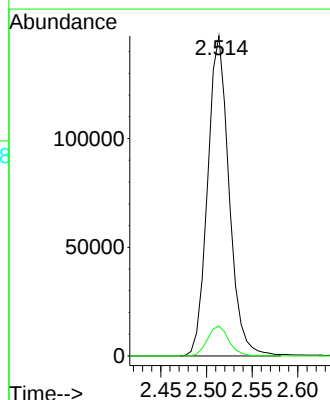
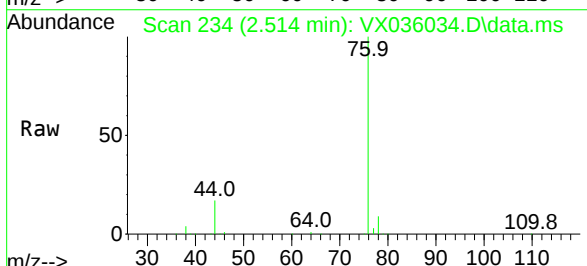
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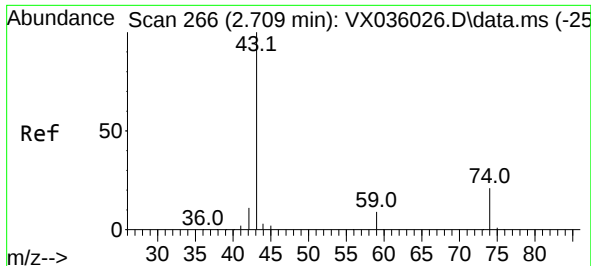
Tgt Ion: 76 Resp: 239835

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

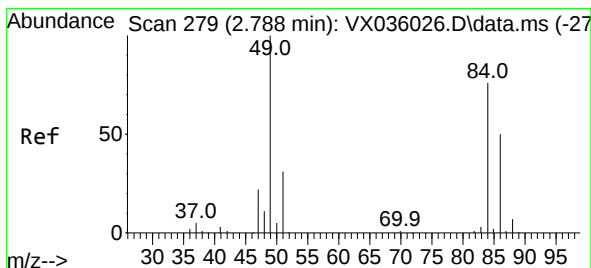
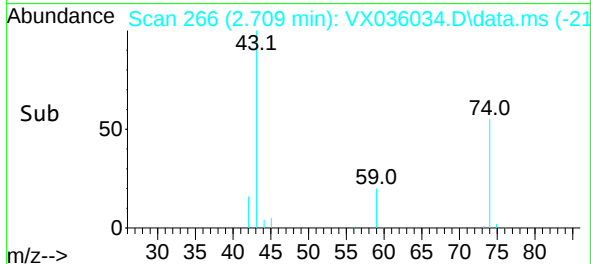
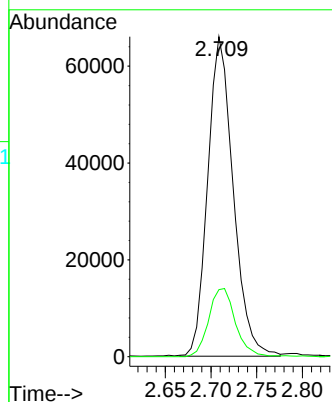
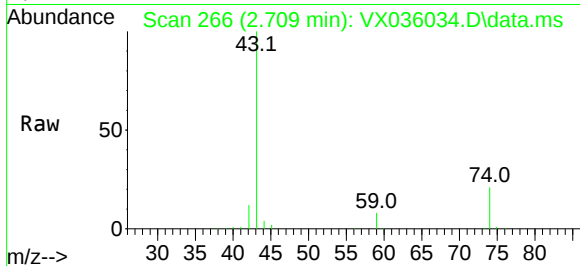




#15
Methyl Acetate
Concen: 46.865 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

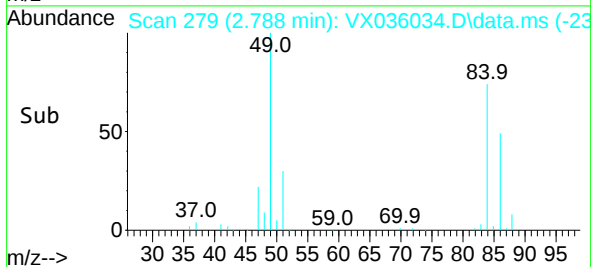
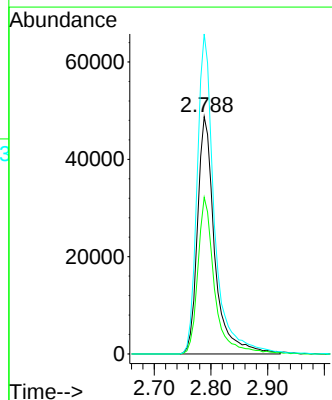
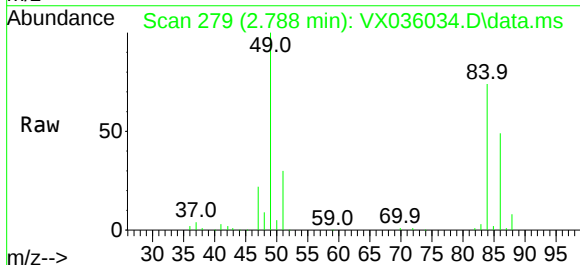
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

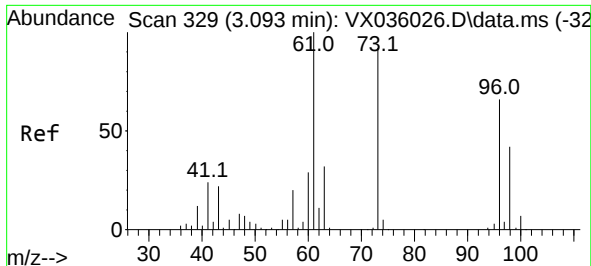
Tgt Ion: 43 Resp: 128080
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2



#16
Methylene chloride
Concen: 45.128 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 84 Resp: 103373
Ion Ratio Lower Upper
84 100
86 66.0 46.5 86.5
49 134.9 95.1 176.5





#17

trans-1,2-Dichloroethene

Concen: 43.019 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

F6C06MS

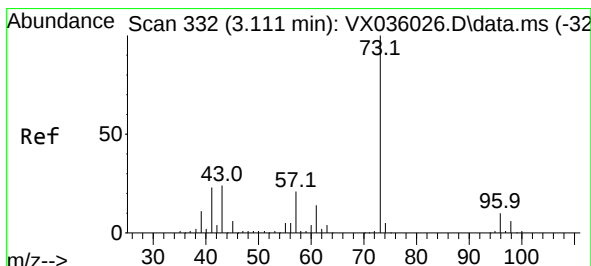
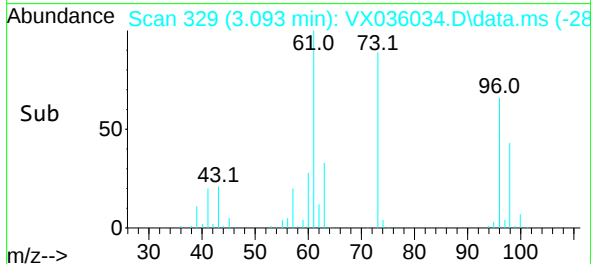
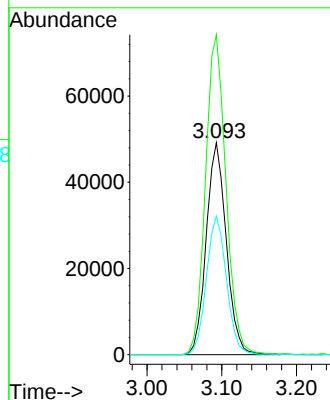
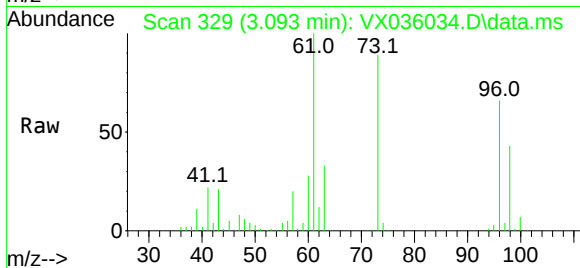
Tgt Ion: 96 Resp: 91944

Ion Ratio Lower Upper

96 100

61 150.9 100.7 187.1

98 65.4 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 50.700 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

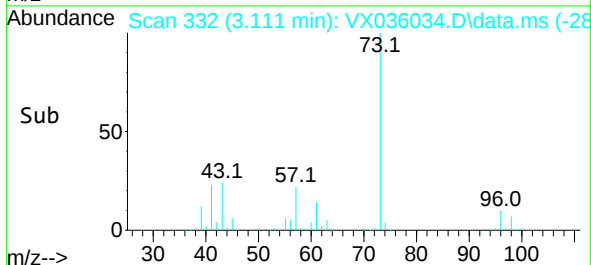
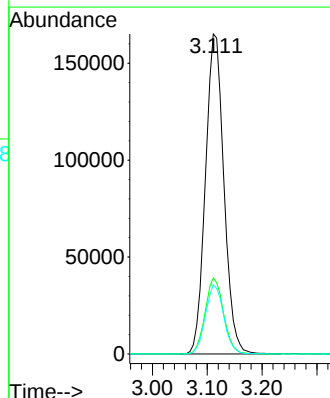
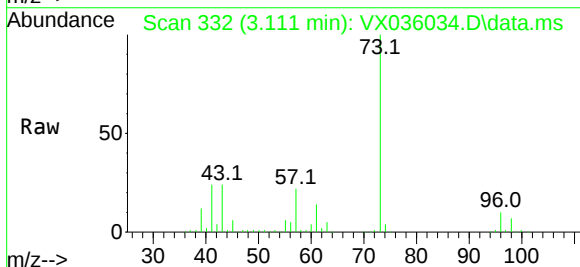
Tgt Ion: 73 Resp: 385544

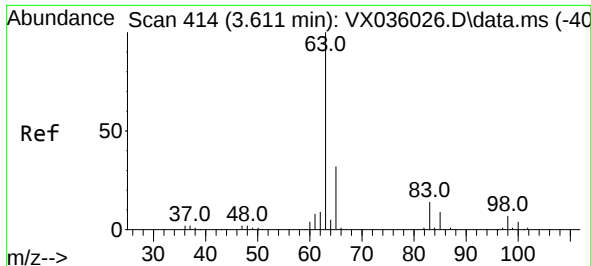
Ion Ratio Lower Upper

73 100

43 23.6 19.4 29.0

57 21.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 45.180 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

F6C06MS

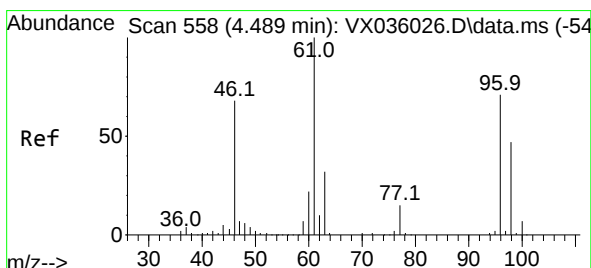
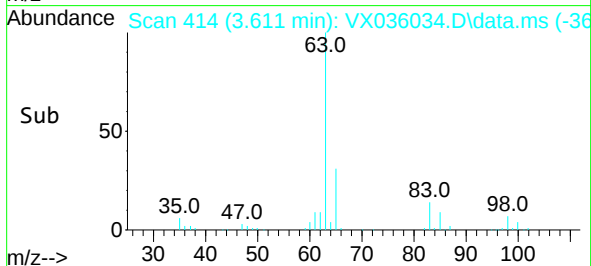
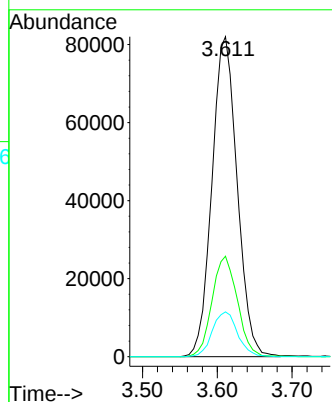
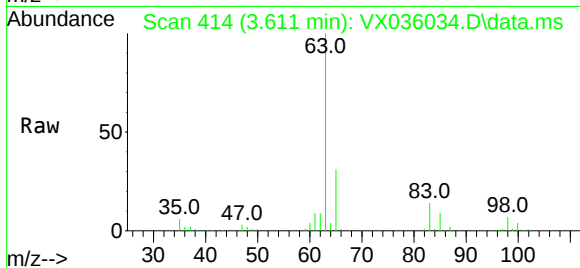
Tgt Ion: 63 Resp: 192516

Ion Ratio Lower Upper

63 100

65 31.4 22.6 42.0

83 14.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 54.648 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

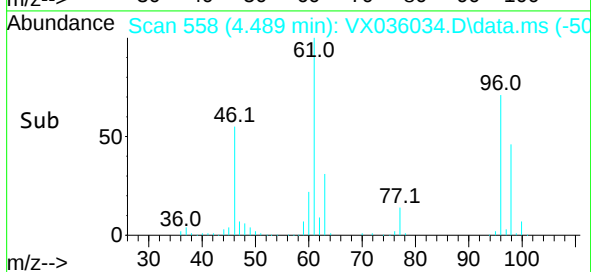
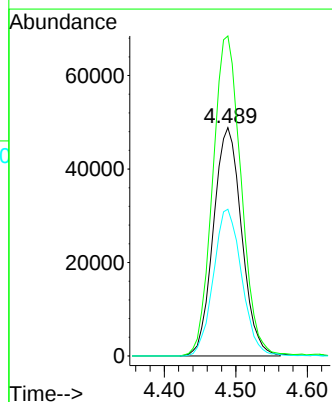
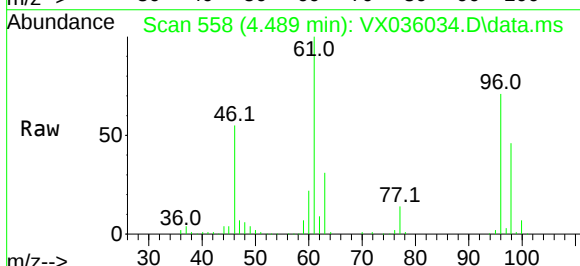
Tgt Ion: 96 Resp: 134011

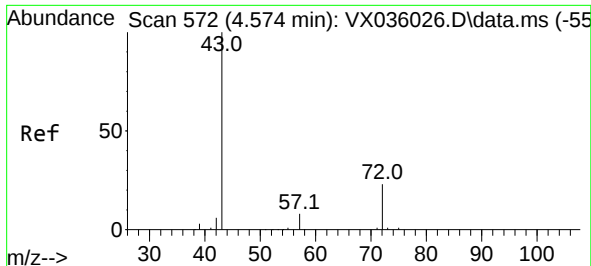
Ion Ratio Lower Upper

96 100

61 140.2 94.7 175.9

98 64.3 45.4 84.4

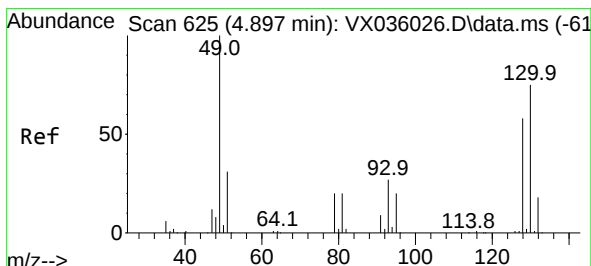
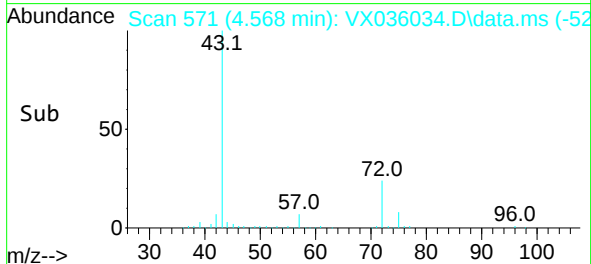
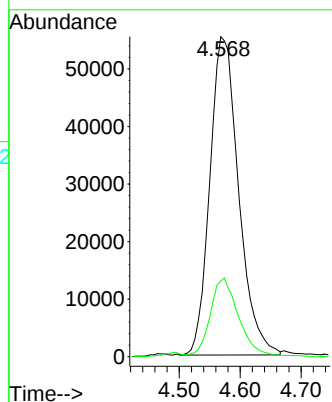
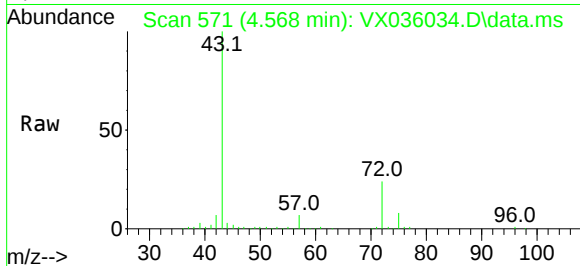




#22
2-Butanone
Concen: 86.217 ug/L
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

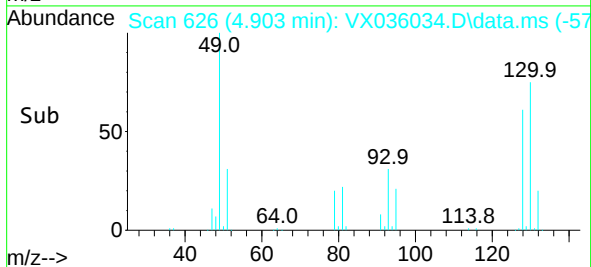
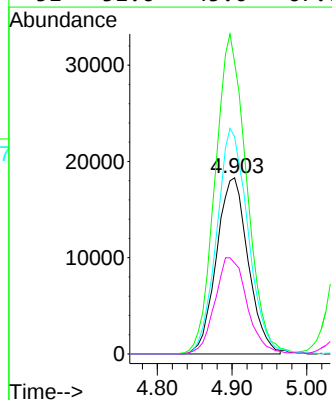
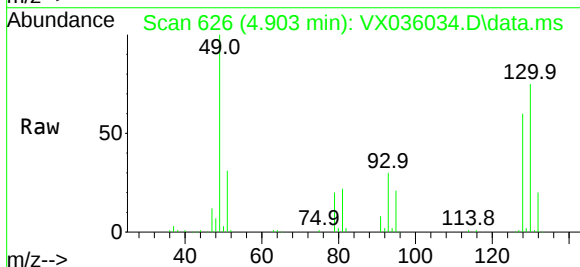
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

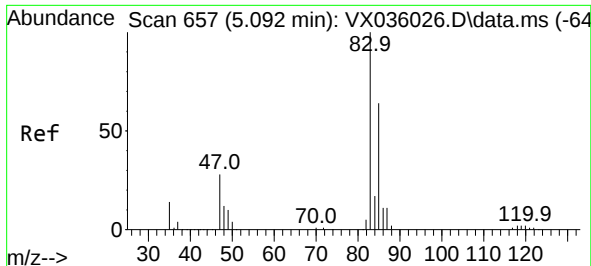
Tgt Ion: 43 Resp: 181896
Ion Ratio Lower Upper
43 100
72 23.8 12.0 36.1



#23
Bromochloromethane
Concen: 44.341 ug/L
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 128 Resp: 53969
Ion Ratio Lower Upper
128 100
49 165.5 123.9 230.1
130 123.4 88.3 164.1
51 51.6 45.0 67.6

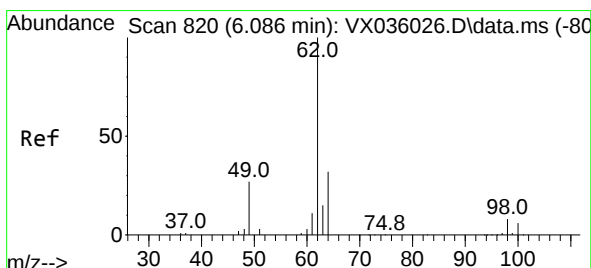
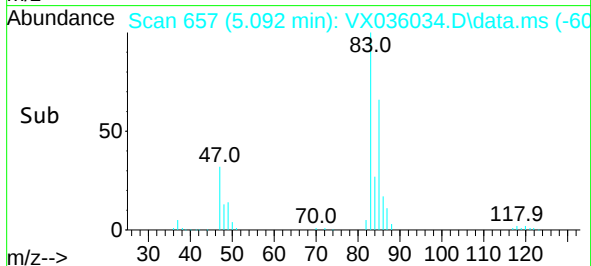
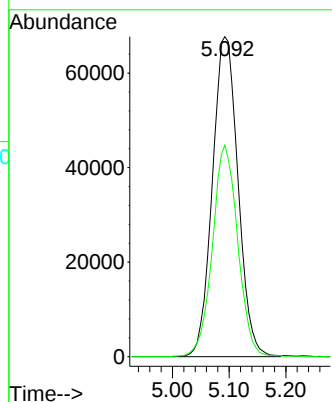
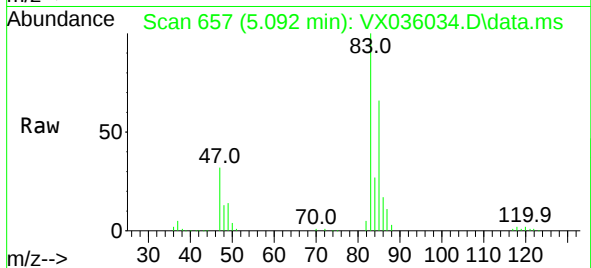




#25
Chloroform
Concen: 45.882 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

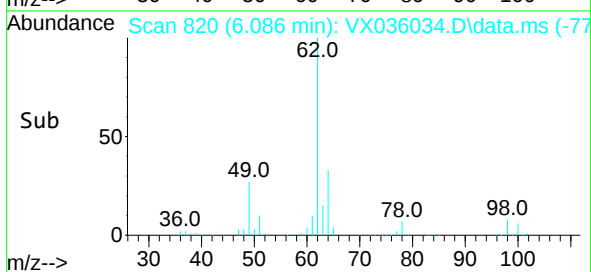
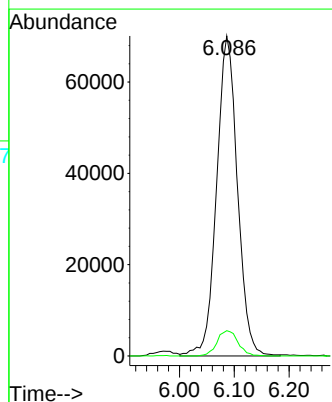
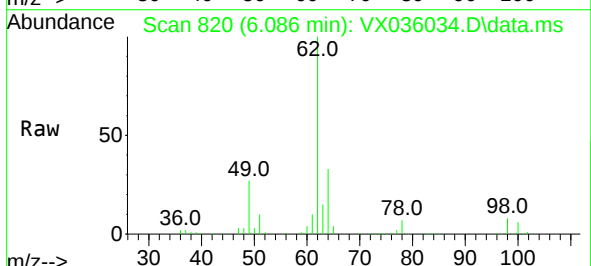
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

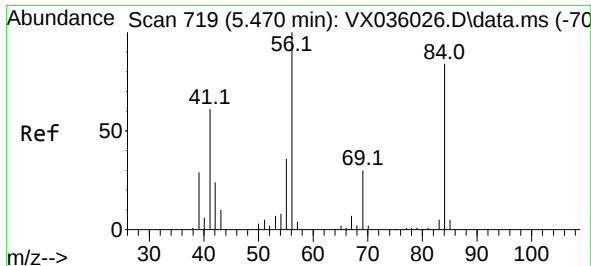
Tgt Ion: 83 Resp: 212669
Ion Ratio Lower Upper
83 100
85 66.2 45.0 83.6



#27
1,2-Dichloroethane
Concen: 46.848 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 62 Resp: 185281
Ion Ratio Lower Upper
62 100
98 7.9 6.4 9.6

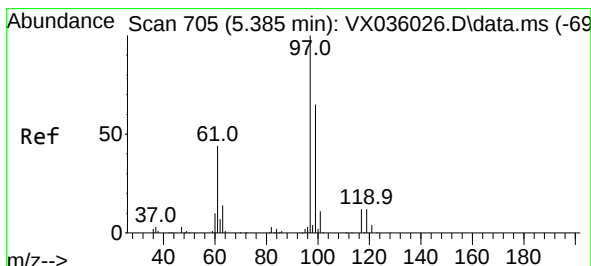
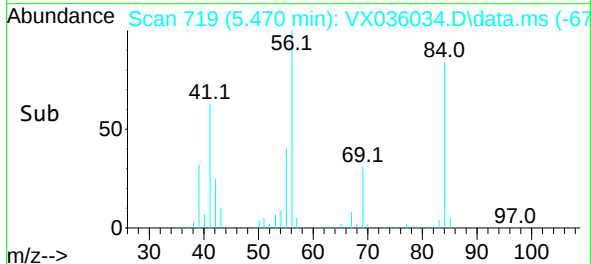
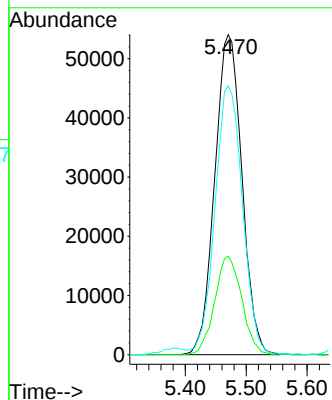
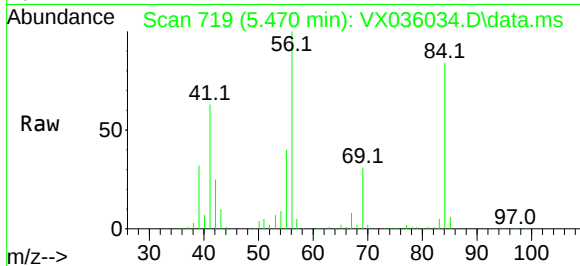




#29
Cyclohexane
Concen: 44.123 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

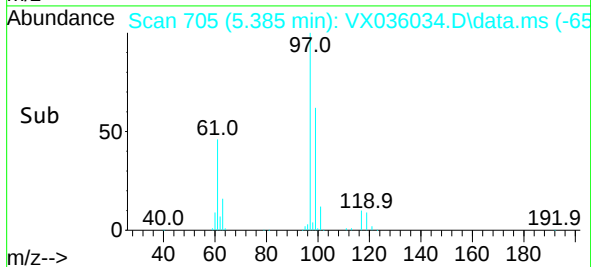
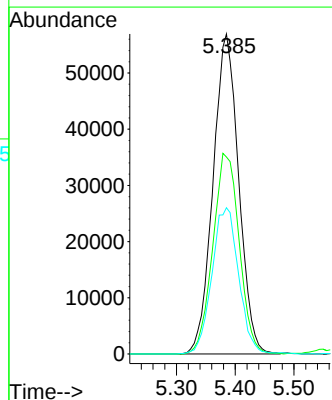
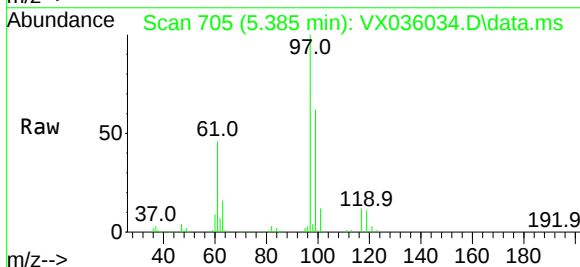
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

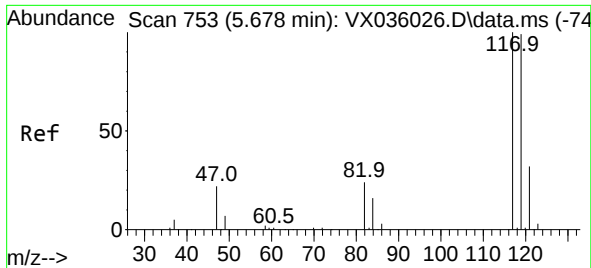
Tgt Ion: 56 Resp: 167721
Ion Ratio Lower Upper
56 100
69 30.6 24.3 36.5
84 85.1 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 45.521 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 97 Resp: 172640
Ion Ratio Lower Upper
97 100
99 64.5 51.9 77.9
61 47.6 38.0 57.0

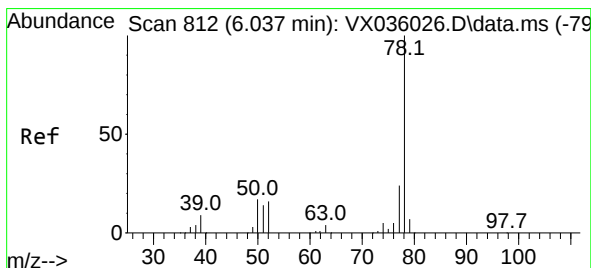
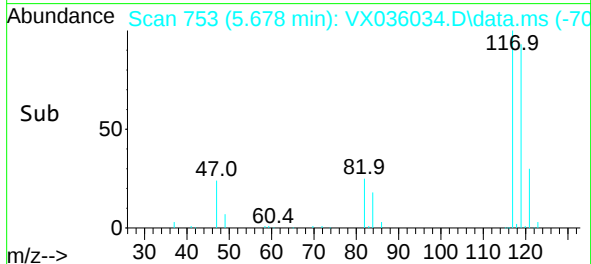
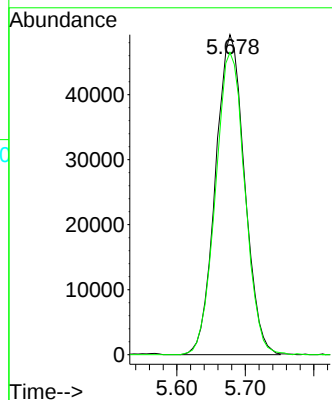
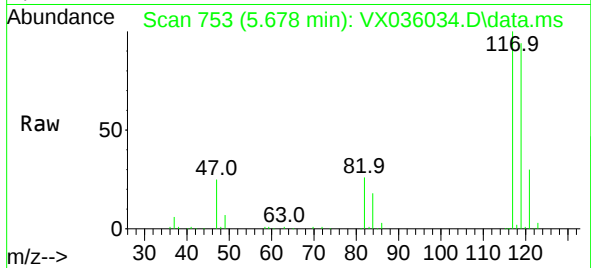




#31
Carbon tetrachloride
Concen: 46.029 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

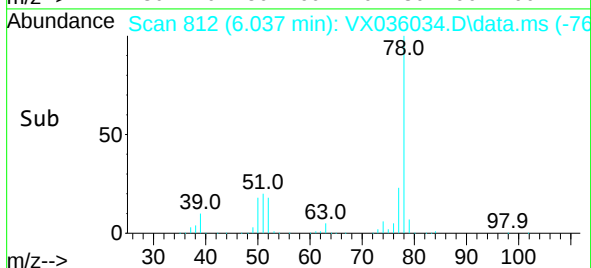
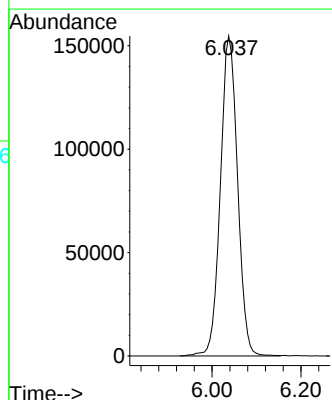
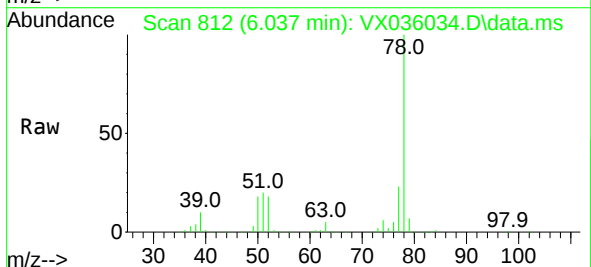
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

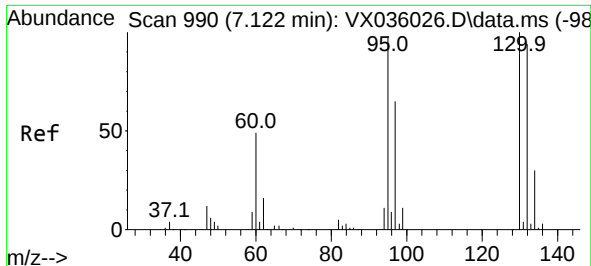
Tgt Ion:117 Resp: 144971
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3



#33
Benzene
Concen: 45.392 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 78 Resp: 413868

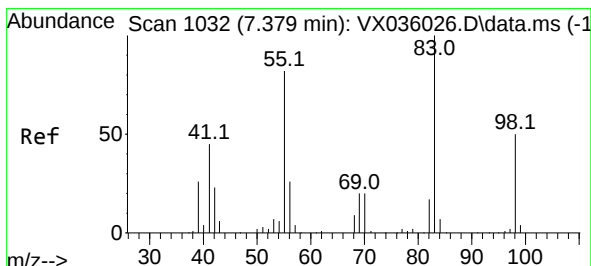
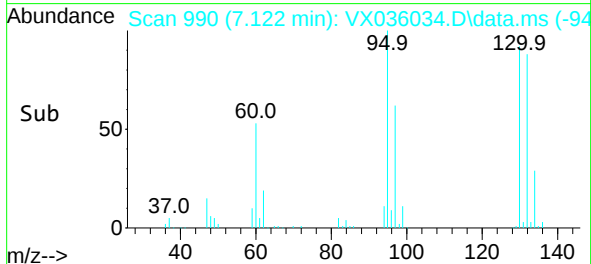
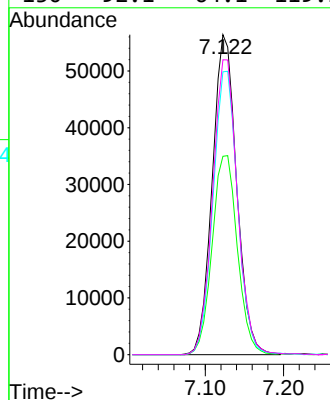
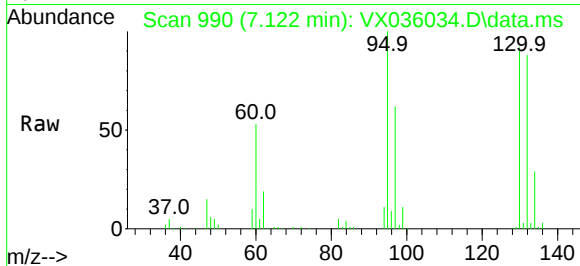




#34
Trichloroethene
Concen: 49.661 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

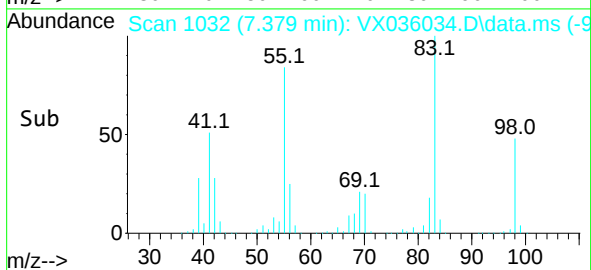
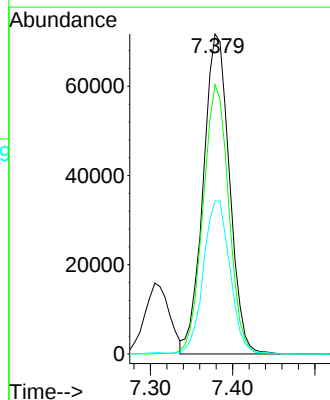
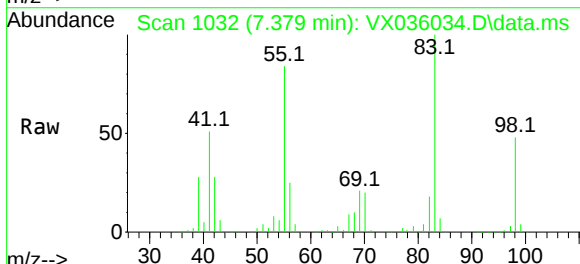
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

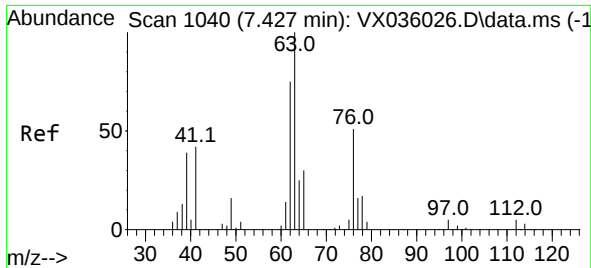
Tgt Ion: 95 Resp: 121952
Ion Ratio Lower Upper
95 100
97 62.0 43.6 81.0
132 88.4 59.9 111.3
130 92.1 64.1 119.1



#35
Methylcyclohexane
Concen: 44.108 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 83 Resp: 159004
Ion Ratio Lower Upper
83 100
55 82.2 65.4 98.2
98 48.3 39.0 58.6





#37

1,2-Dichloropropane

Concen: 45.890 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

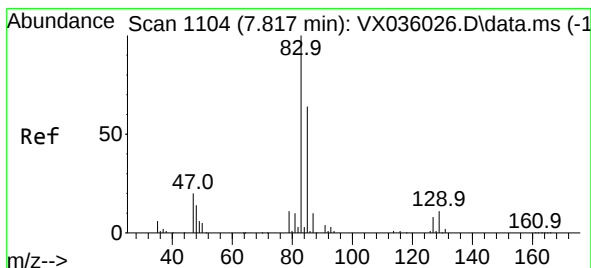
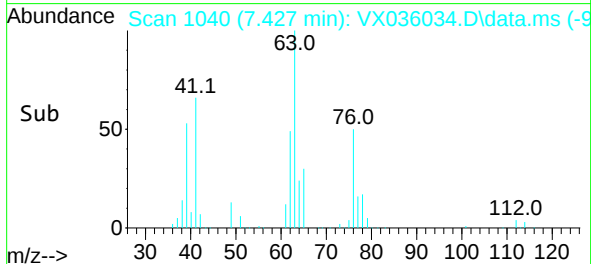
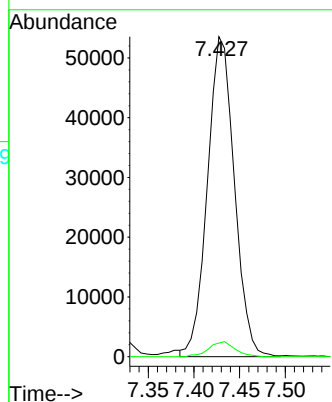
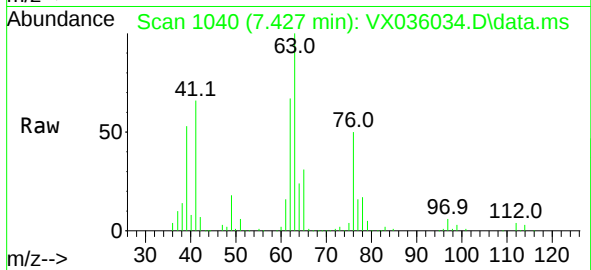
F6C06MS

Tgt Ion: 63 Resp: 109813

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 45.240 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

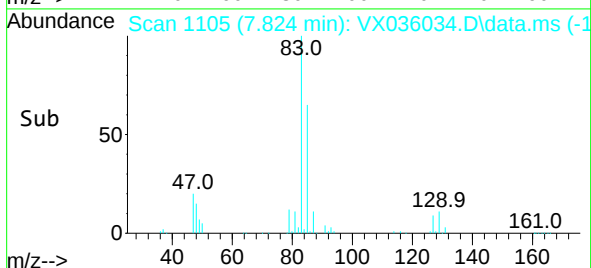
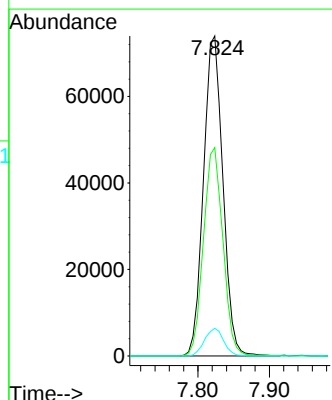
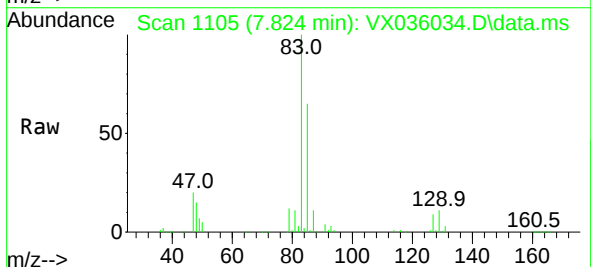
Tgt Ion: 83 Resp: 139569

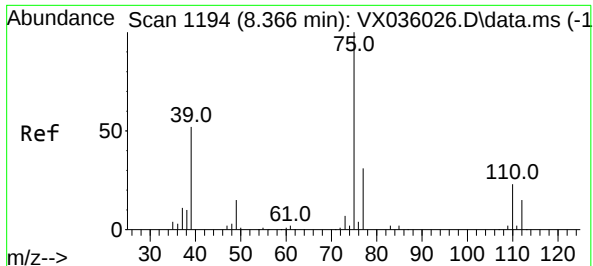
Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 46.109 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

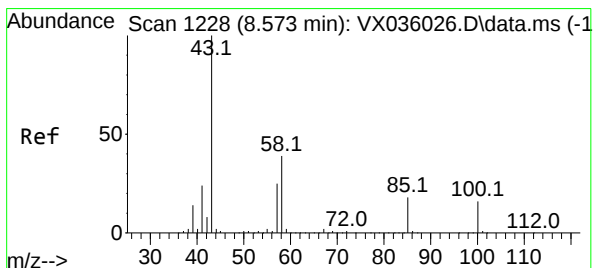
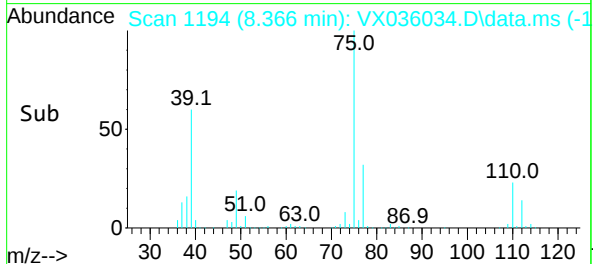
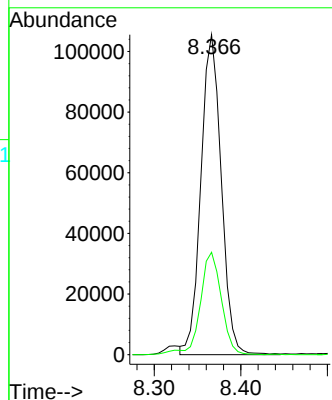
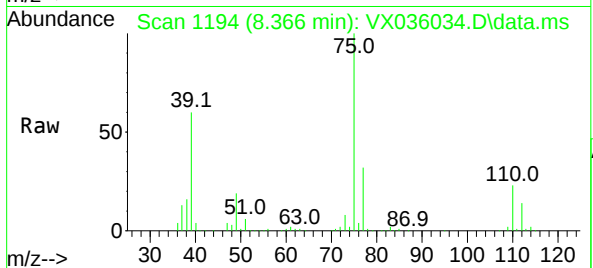
F6C06MS

Tgt Ion: 75 Resp: 172392

Ion Ratio Lower Upper

75 100

77 32.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 99.799 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

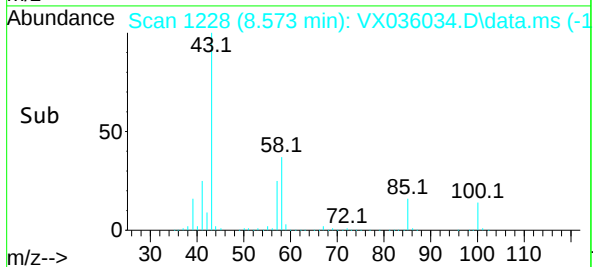
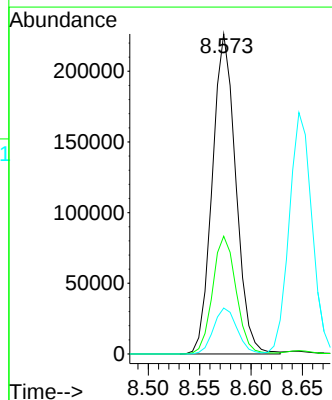
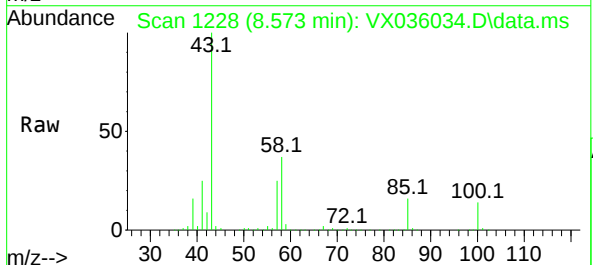
Tgt Ion: 43 Resp: 359669

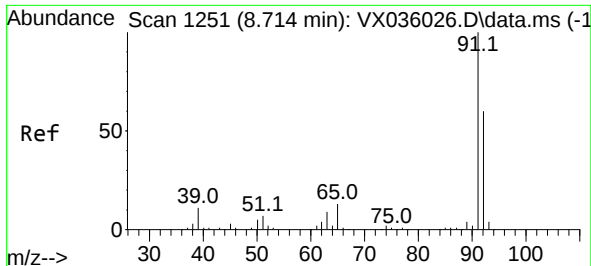
Ion Ratio Lower Upper

43 100

58 36.7 29.4 44.2

100 14.4 11.8 17.6





#42

Toluene

Concen: 45.396 ug/L

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

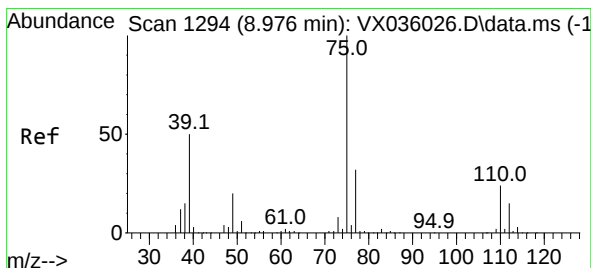
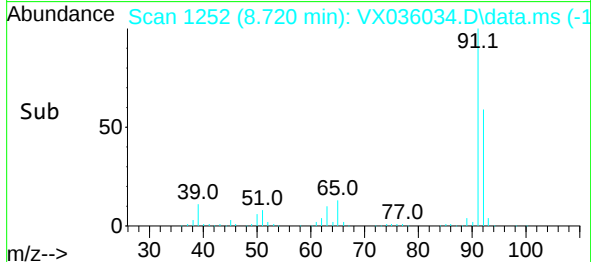
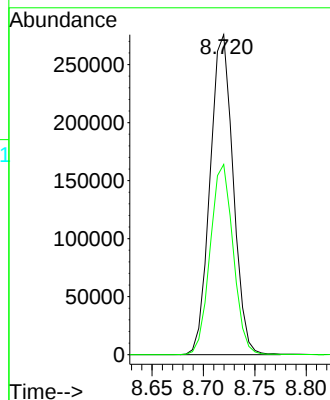
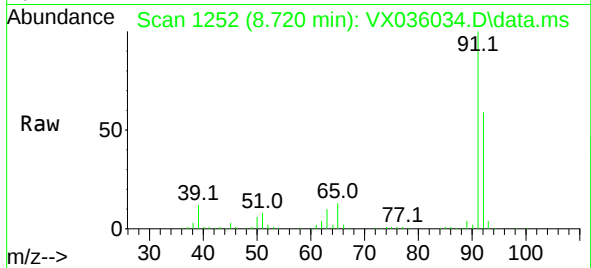
F6C06MS

Tgt Ion: 91 Resp: 430484

Ion Ratio Lower Upper

91 100

92 59.5 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 46.432 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036034.D

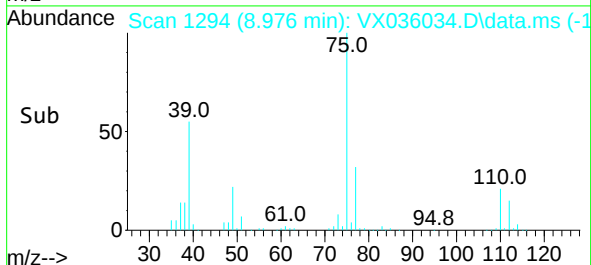
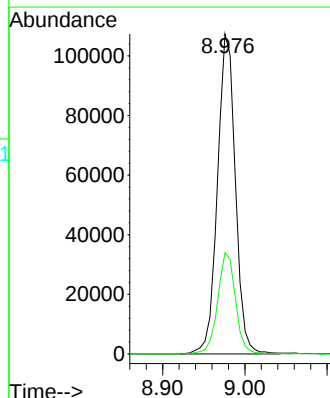
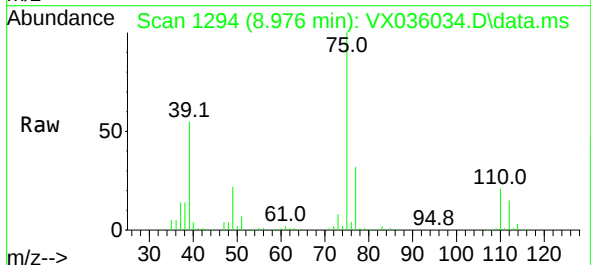
Acq: 06 Jun 2023 15:48

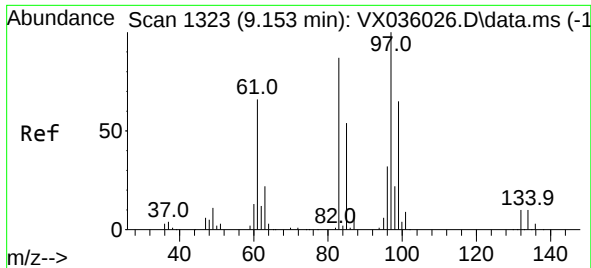
Tgt Ion: 75 Resp: 162558

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



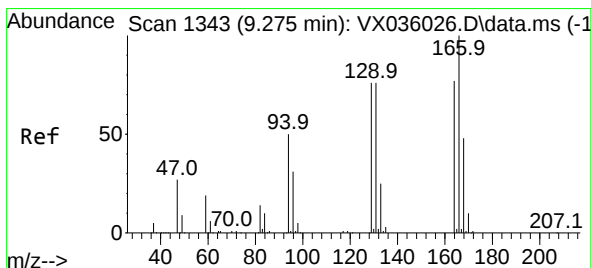
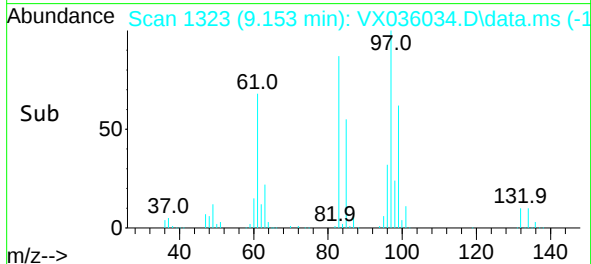
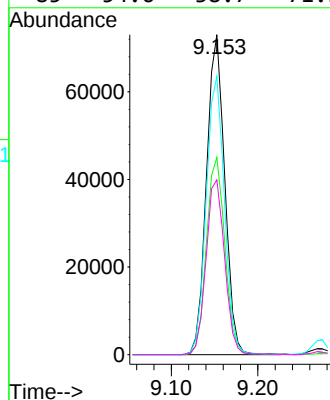
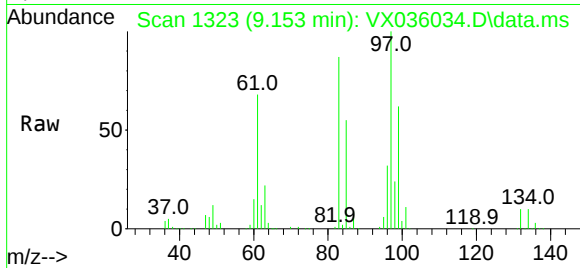


#45
1,1,2-Trichloroethane
Concen: 45.639 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

Tgt Ion: 97 Resp: 106886

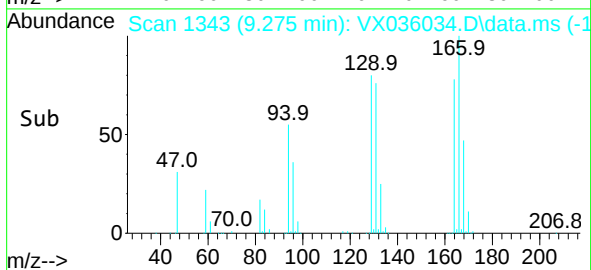
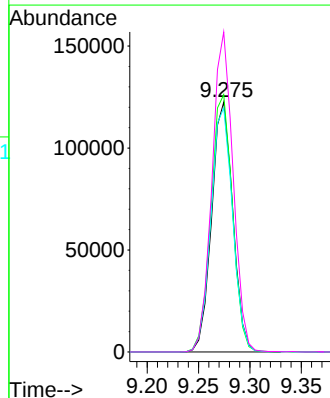
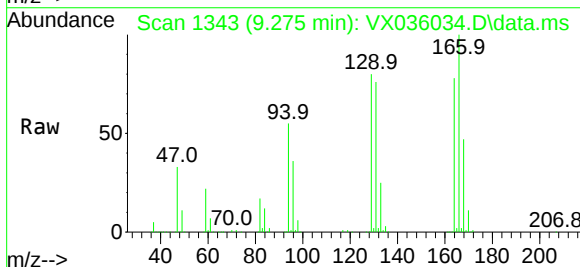
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.9	79.7
83	87.0	61.0	113.2
85	54.6	38.7	71.9

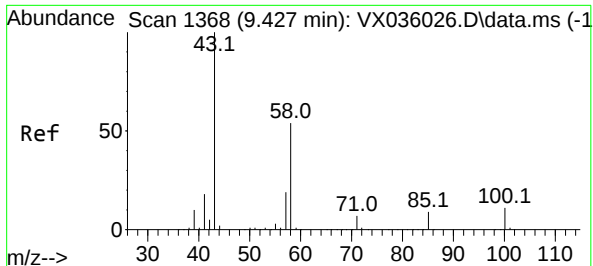


#46
Tetrachloroethene
Concen: 101.813 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 164 Resp: 174836

Ion	Ratio	Lower	Upper
164	100		
129	103.0	74.8	139.0
131	97.7	68.9	127.9
166	128.1	86.8	161.2





#48

2-Hexanone

Concen: 97.466 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

F6C06MS

Tgt Ion: 43 Resp: 277168

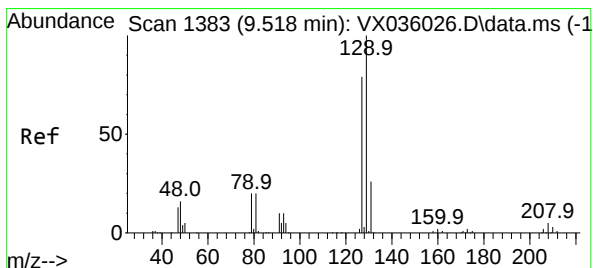
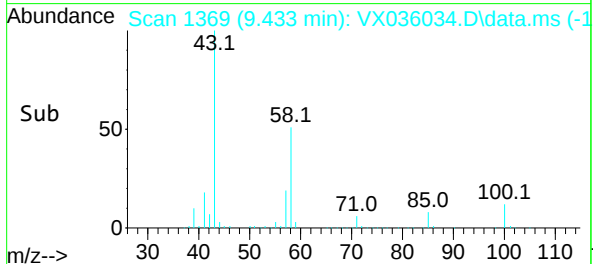
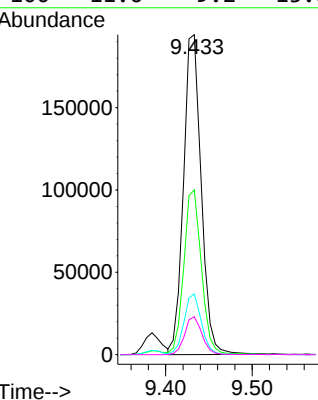
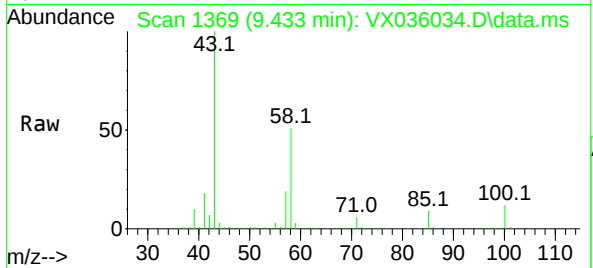
Ion Ratio Lower Upper

43 100

58 50.3 41.0 61.6

57 18.7 15.2 22.8

100 11.6 9.2 13.8



#49

Dibromochloromethane

Concen: 45.996 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX036034.D

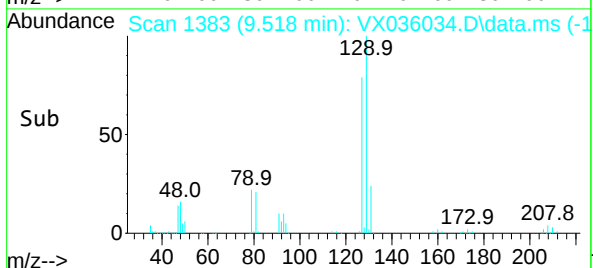
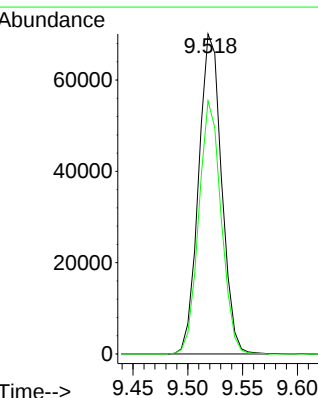
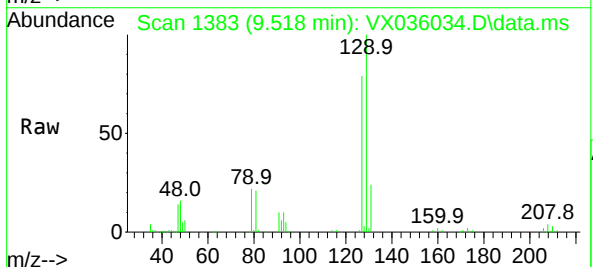
Acq: 06 Jun 2023 15:48

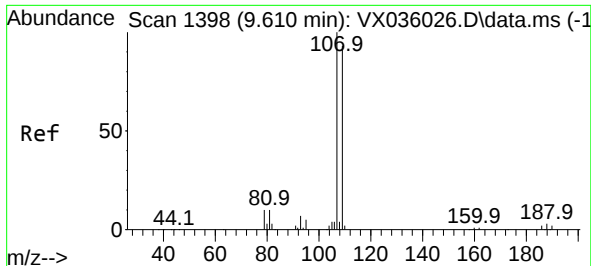
Tgt Ion: 129 Resp: 102208

Ion Ratio Lower Upper

129 100

127 79.1 53.3 98.9





#50

1,2-Dibromoethane

Concen: 46.835 ug/L

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

F6C06MS

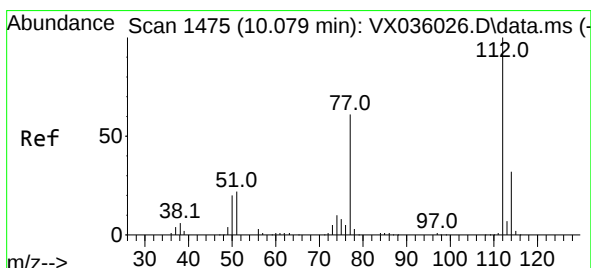
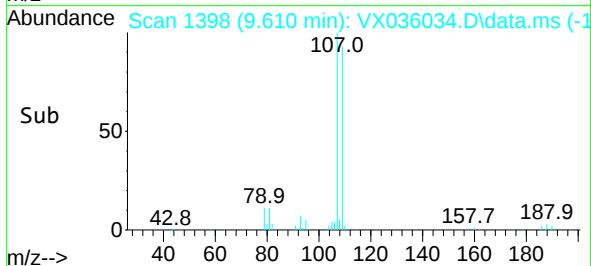
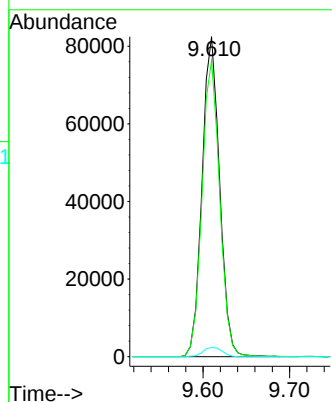
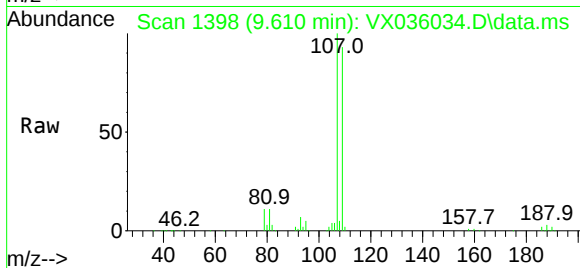
Tgt Ion:107 Resp: 115903

Ion Ratio Lower Upper

107 100

109 92.6 66.1 122.8

188 2.9 2.9 4.3#



#51

Chlorobenzene

Concen: 44.349 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

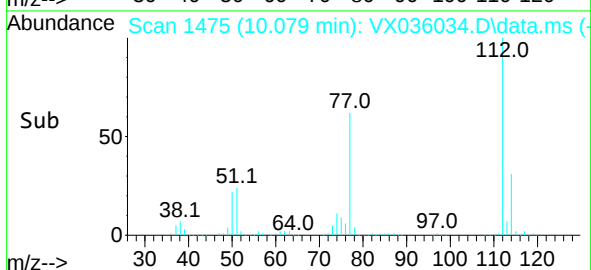
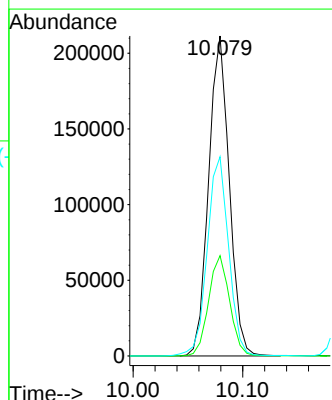
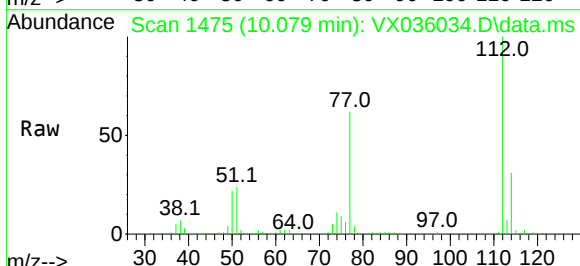
Tgt Ion:112 Resp: 276692

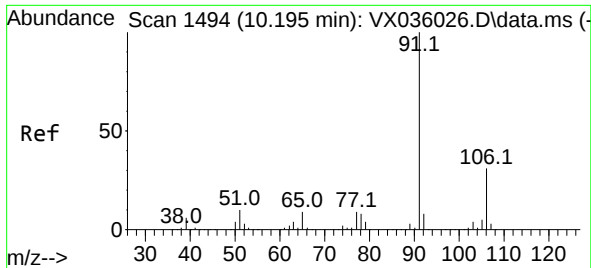
Ion Ratio Lower Upper

112 100

114 31.3 22.7 42.3

77 62.2 50.6 75.8

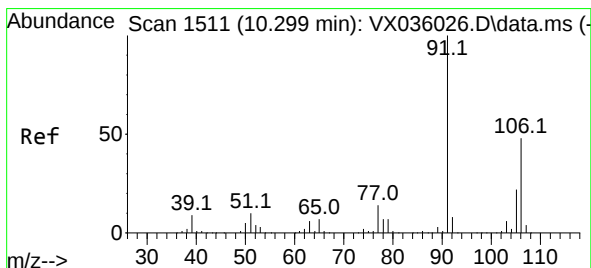
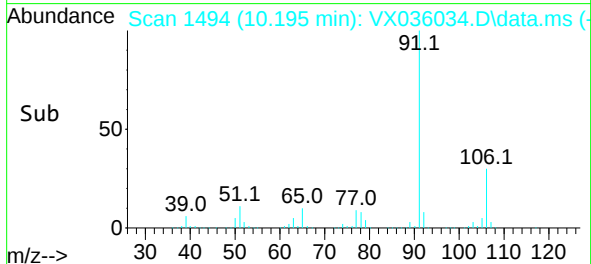
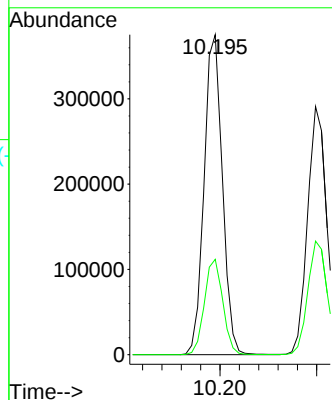
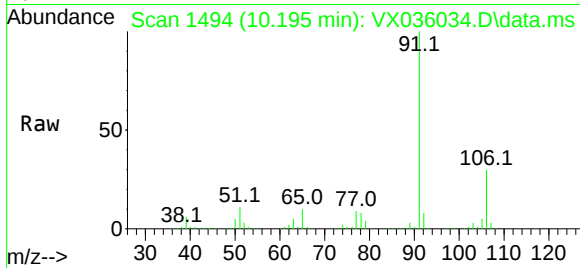




#52
Ethylbenzene
Concen: 45.096 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

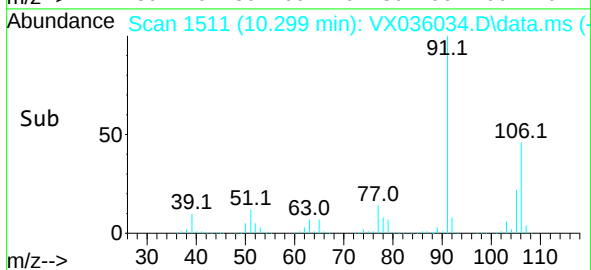
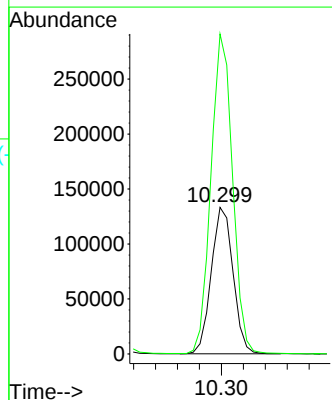
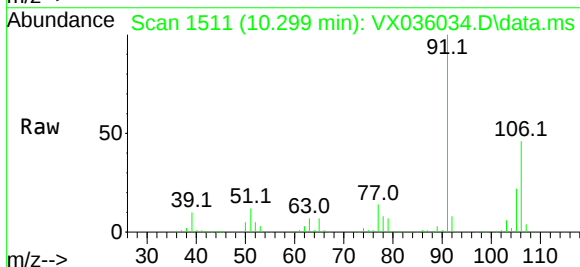
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

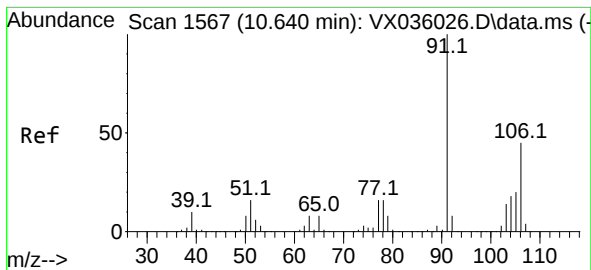
Tgt Ion: 91 Resp: 492532
Ion Ratio Lower Upper
91 100
106 29.8 20.8 38.6



#53
m,p-Xylene
Concen: 44.422 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 106 Resp: 183992
Ion Ratio Lower Upper
106 100
91 218.3 149.8 278.2





#54

o-Xylene

Concen: 44.533 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

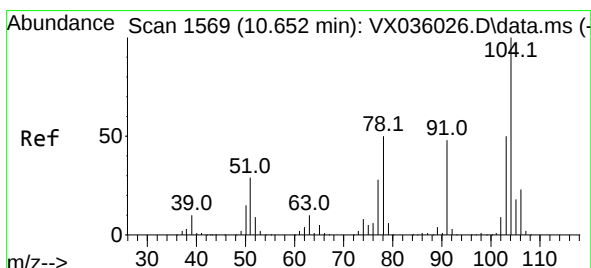
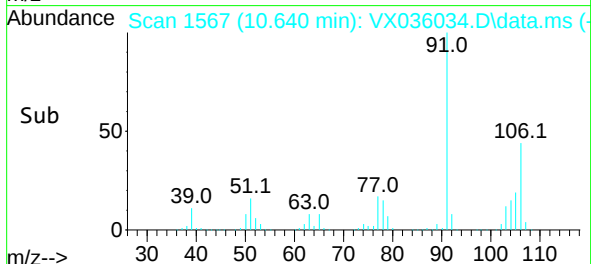
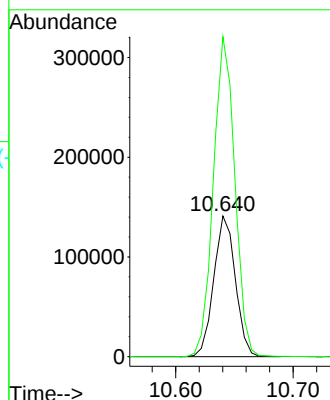
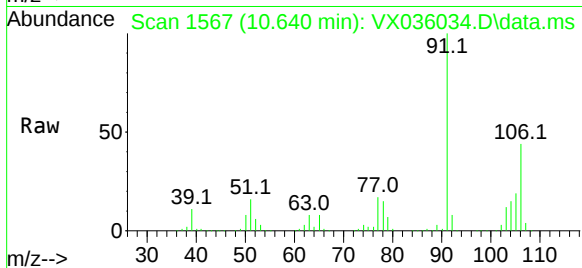
F6C06MS

Tgt Ion:106 Resp: 180292

Ion Ratio Lower Upper

106 100

91 227.5 156.9 291.5



#55

Styrene

Concen: 45.029 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX036034.D

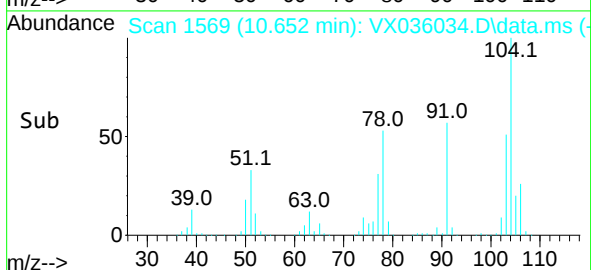
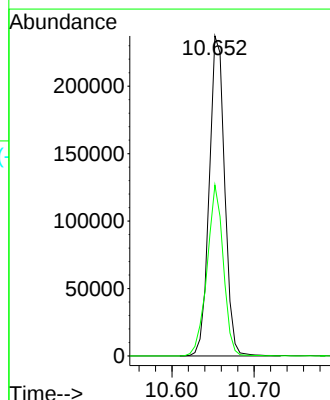
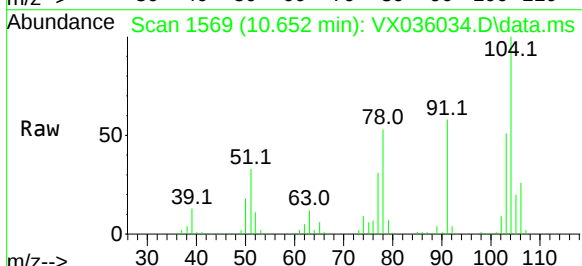
Acq: 06 Jun 2023 15:48

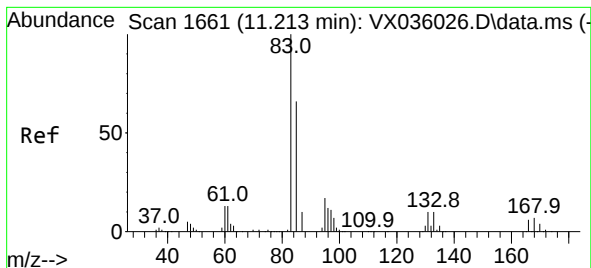
Tgt Ion:104 Resp: 309825

Ion Ratio Lower Upper

104 100

78 53.4 36.1 67.1

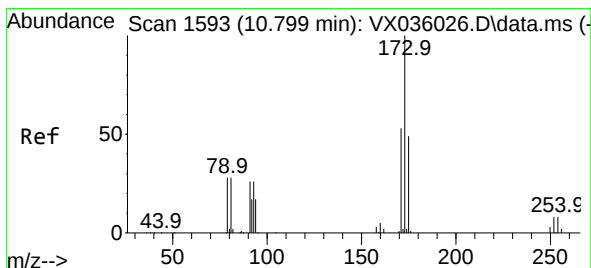
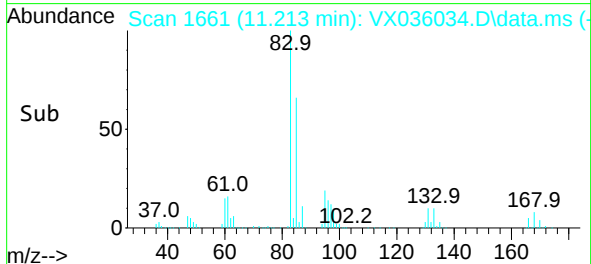
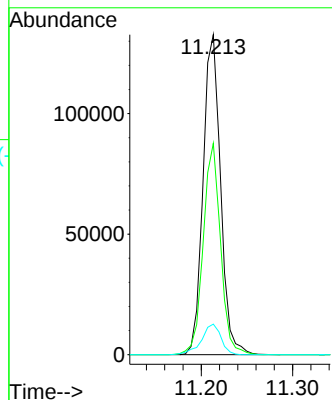
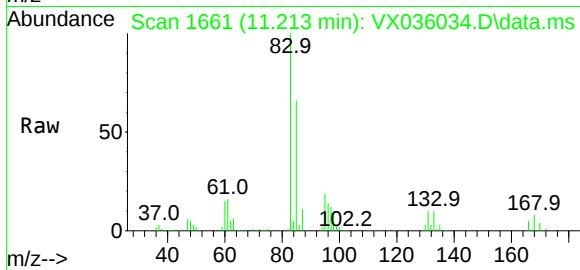




#57
1,1,2,2-Tetrachloroethane
Concen: 47.867 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

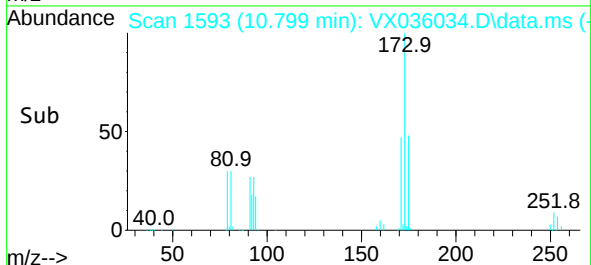
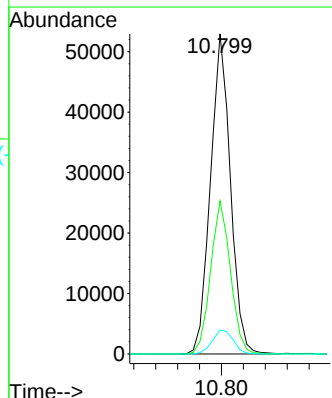
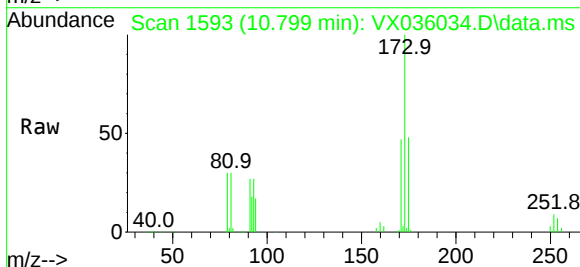
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

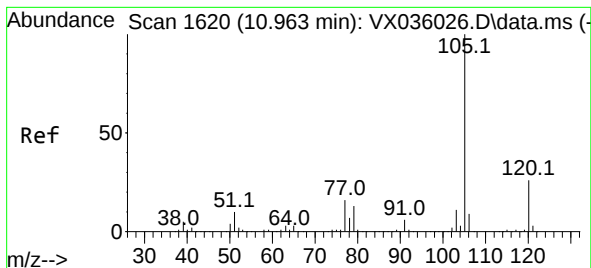
Tgt Ion: 83 Resp: 176204
Ion Ratio Lower Upper
83 100
85 66.0 45.6 84.8
131 9.6 8.1 12.1



#59
Bromoform
Concen: 45.494 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 173 Resp: 66865
Ion Ratio Lower Upper
173 100
175 47.4 38.2 57.2
254 7.9 6.6 10.0





#60

Isopropylbenzene

Concen: 45.038 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

F6C06MS

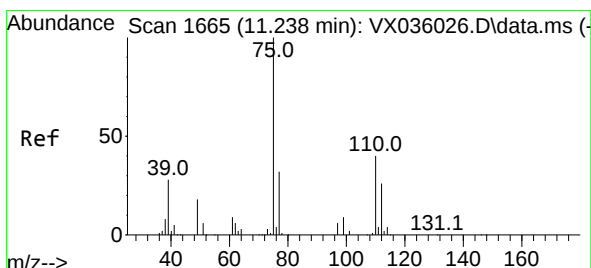
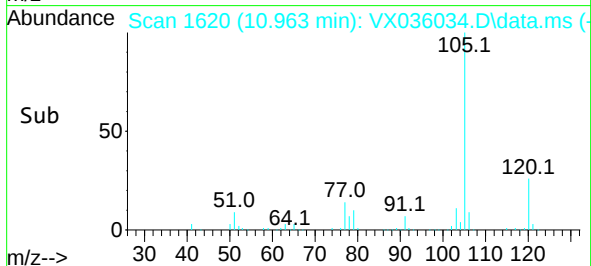
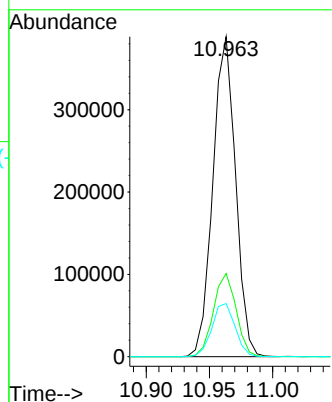
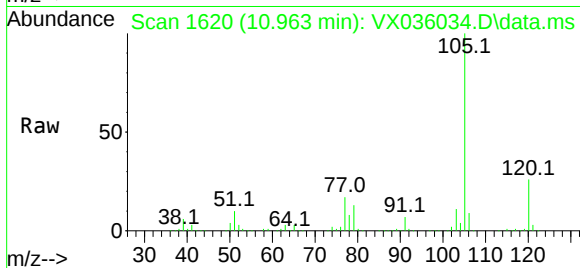
Tgt Ion:105 Resp: 484680

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3

77 17.0 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 48.249 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

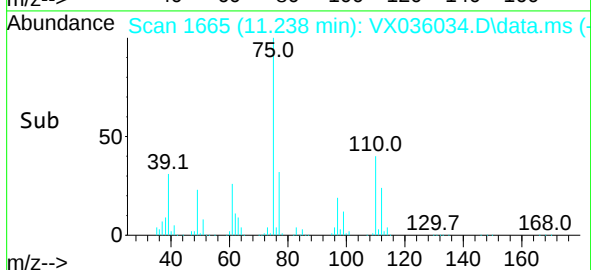
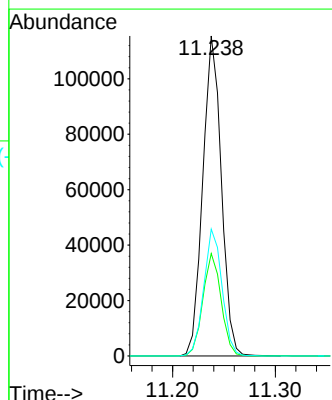
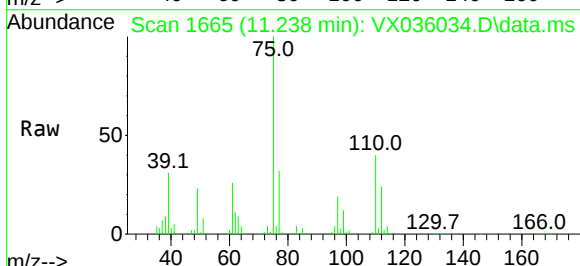
Tgt Ion: 75 Resp: 145048

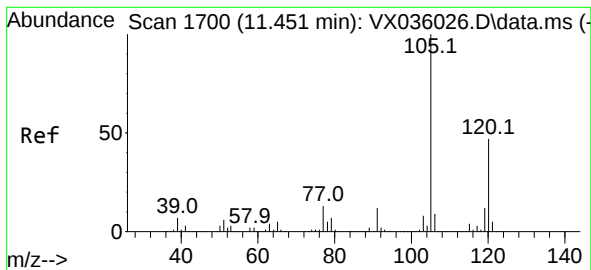
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

110 39.0 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 45.586 ug/L

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

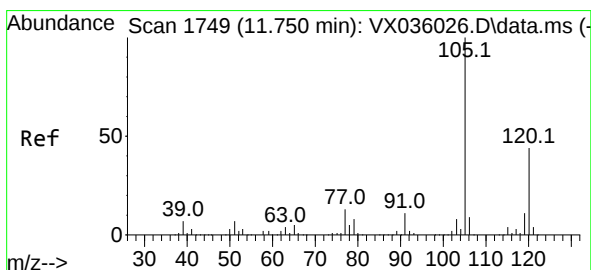
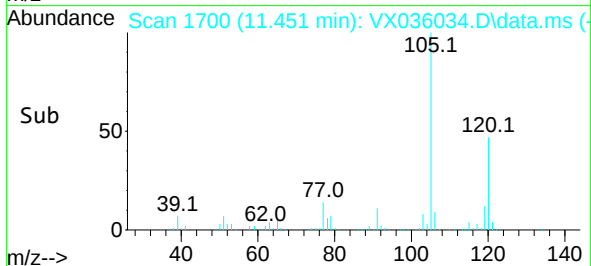
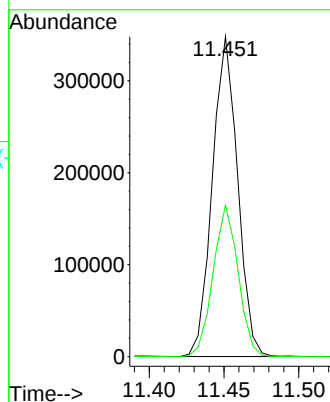
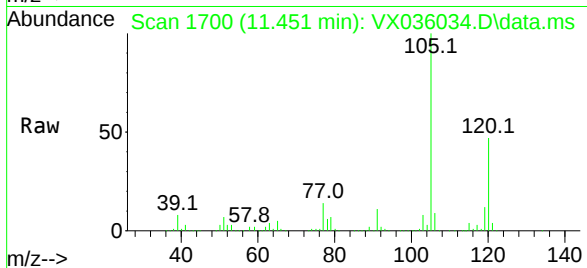
F6C06MS

Tgt Ion:105 Resp: 408028

Ion Ratio Lower Upper

105 100

120 47.0 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 45.392 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036034.D

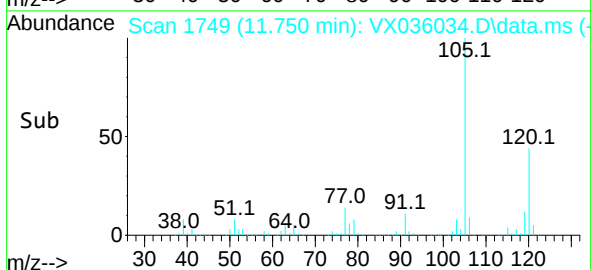
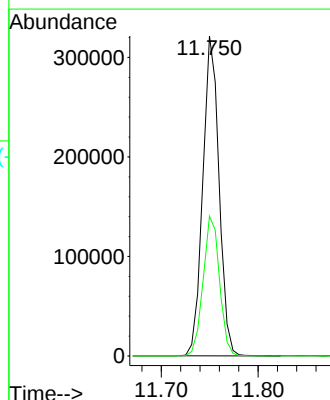
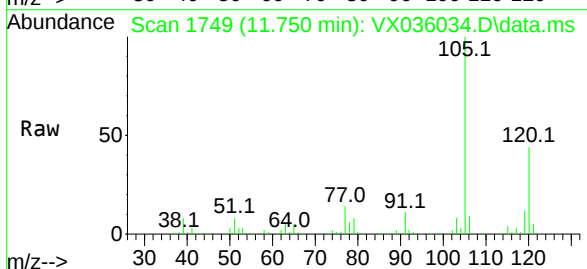
Acq: 06 Jun 2023 15:48

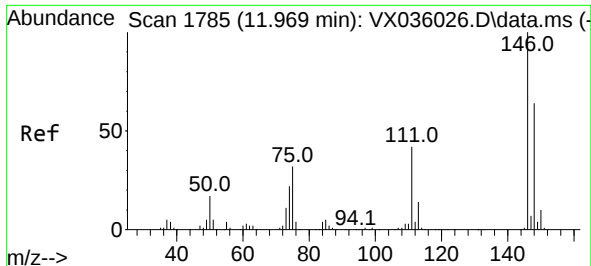
Tgt Ion:105 Resp: 375971

Ion Ratio Lower Upper

105 100

120 44.0 35.0 52.6

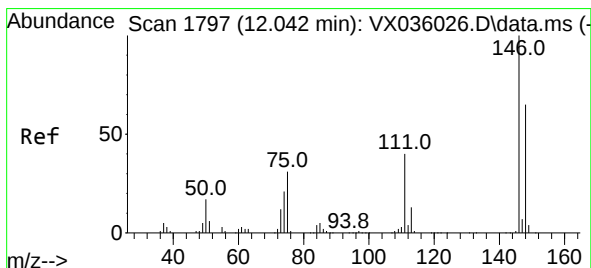
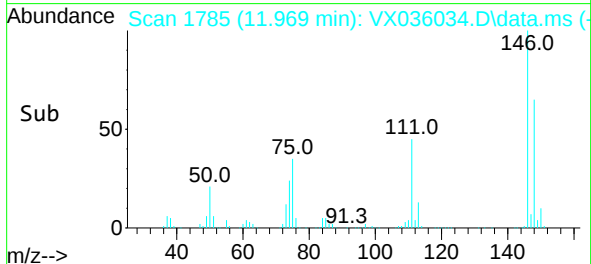
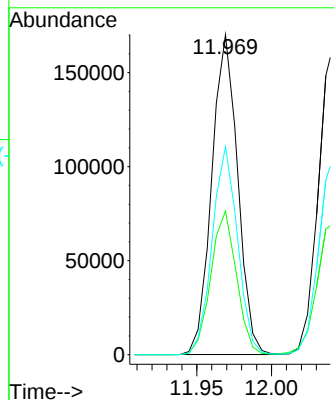
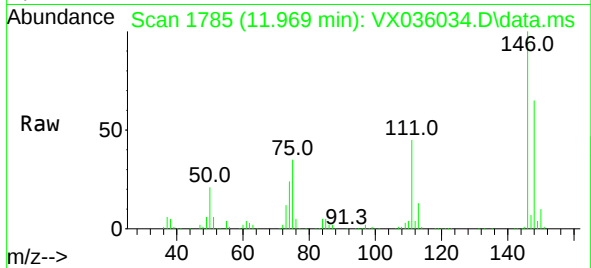




#64
1,3-Dichlorobenzene
Concen: 43.916 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

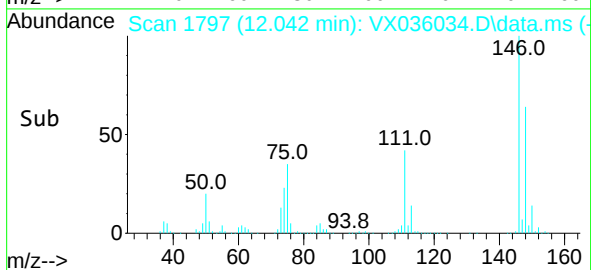
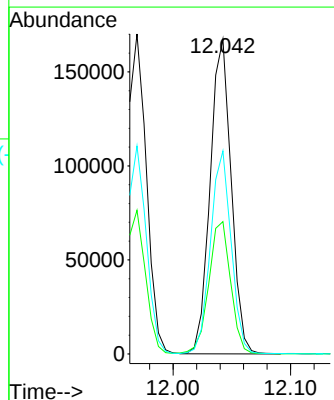
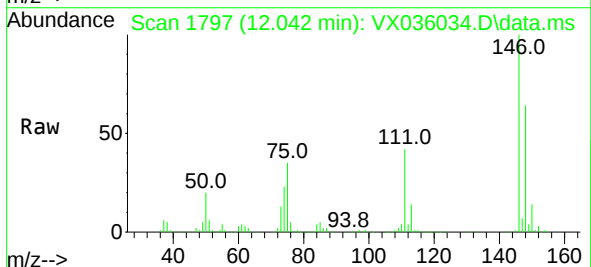
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

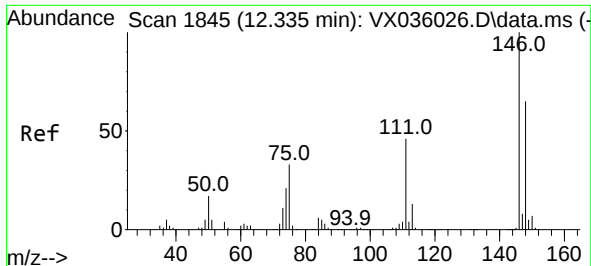
Tgt Ion:146 Resp: 204658
Ion Ratio Lower Upper
146 100
111 44.9 30.9 57.3
148 65.0 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 43.709 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion:146 Resp: 208351
Ion Ratio Lower Upper
146 100
111 42.0 28.8 53.4
148 64.4 44.5 82.7

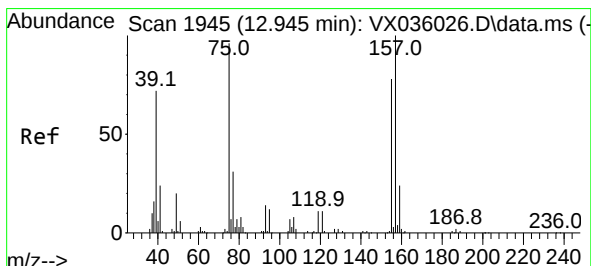
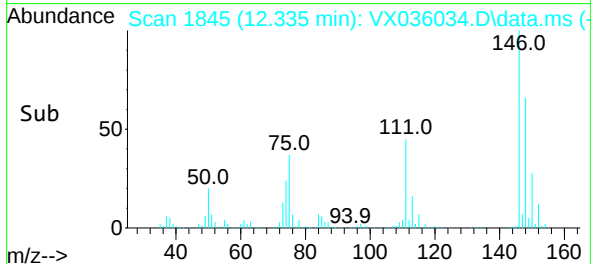
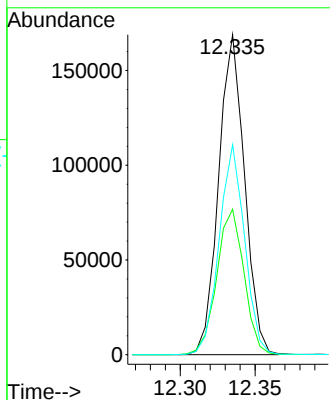
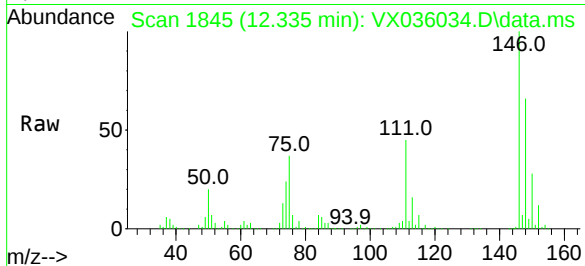




#67
1,2-Dichlorobenzene
Concen: 44.811 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

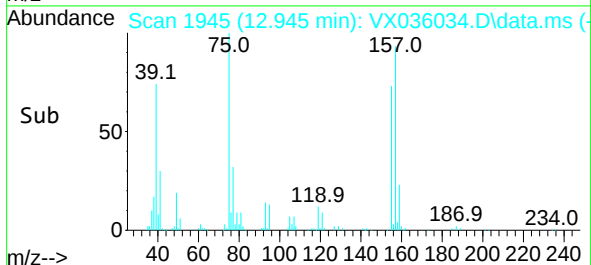
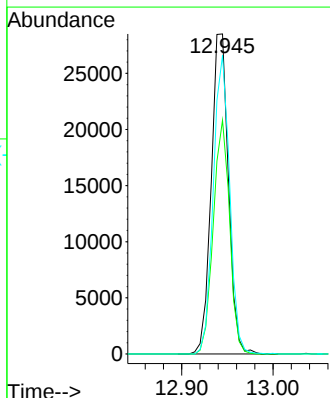
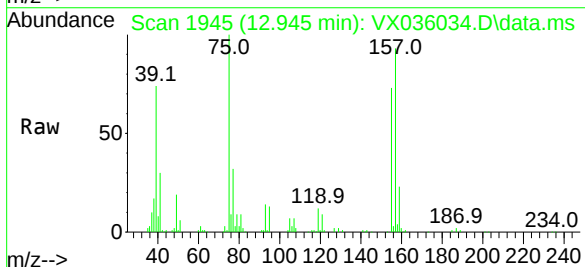
Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

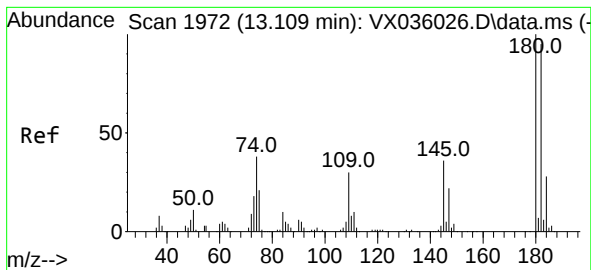
Tgt Ion:146 Resp: 203999
Ion Ratio Lower Upper
146 100
111 45.4 37.0 55.4
148 65.6 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 49.039 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion: 75 Resp: 37232
Ion Ratio Lower Upper
75 100
155 73.0 57.0 85.6
157 93.3 75.2 112.8





#69

1,3,5-Trichlorobenzene

Concen: 43.852 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

F6C06MS

Tgt Ion:180 Resp: 125083

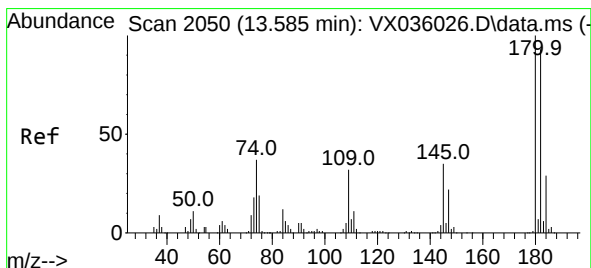
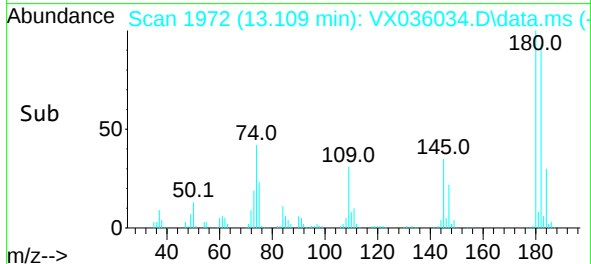
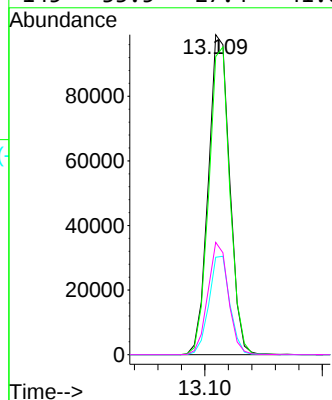
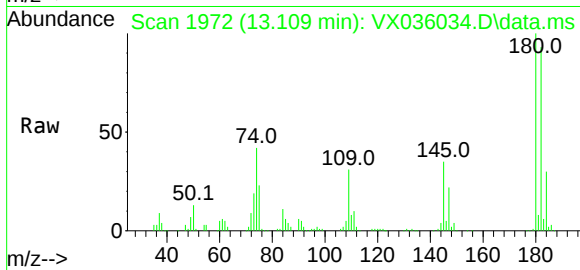
Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

184 30.1 23.8 35.8

145 33.5 27.4 41.0



#70

1,2,4-trichlorobenzene

Concen: 43.157 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036034.D

Acq: 06 Jun 2023 15:48

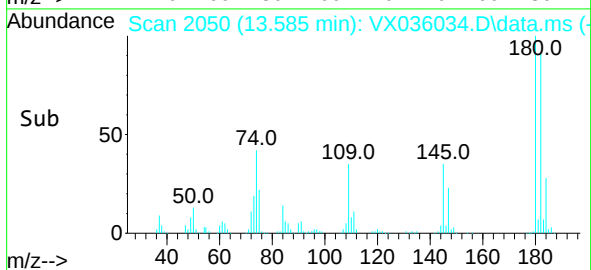
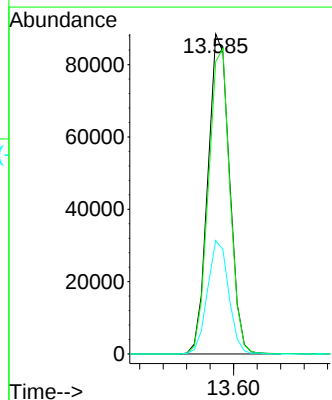
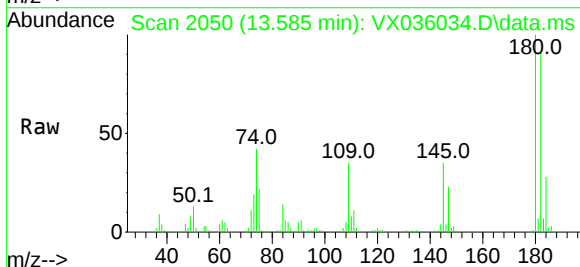
Tgt Ion:180 Resp: 112447

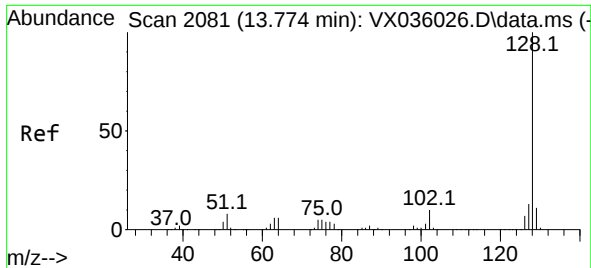
Ion Ratio Lower Upper

180 100

182 94.6 74.6 112.0

145 34.8 28.6 42.8

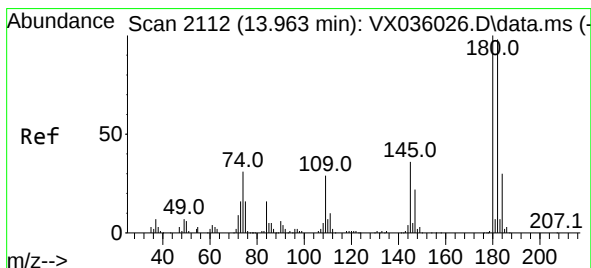
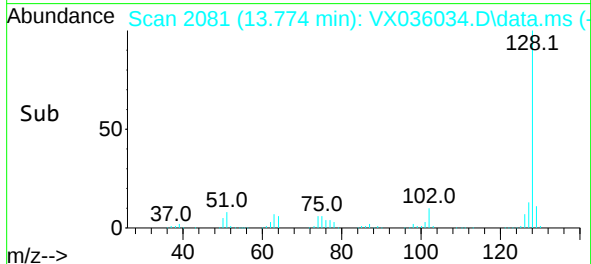
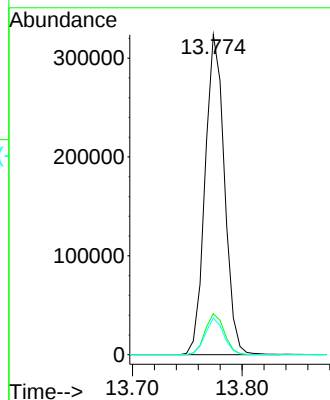
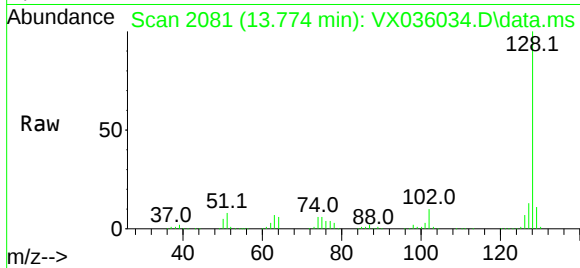




#71
Naphthalene
Concen: 46.285 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :
F6C06MS

Tgt	Ion:128	Resp:	396641
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 42.920 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036034.D
Acq: 06 Jun 2023 15:48

Tgt Ion:180	Resp: 111200
Ion Ratio	Lower Upper
180 100	
182 94.3	75.4 113.2
145 37.0	29.4 44.0

