

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036047.D
 Acq On : 06 Jun 2023 20:52
 Operator : JC/MD
 Sample : 02992-03MSD 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MSD

Quant Time: Jun 07 05:59:26 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	6.757	114	309539	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273230	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141109	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95147	45.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.480%
7) Chloroethane-d5	1.672	69	78130	48.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.880%
11) 1,1-Dichloroethene-d2	2.306	65	47607	44.647	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.300%
21) 2-Butanone-d5	4.471	46	185918	107.853	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.850%
24) Chloroform-d	5.056	84	218675	49.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	5.958	65	160727	50.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
32) Benzene-d6	5.970	84	415826	50.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.180%
36) 1,2-Dichloropropane-d6	7.306	67	134597	52.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.360%
41) Toluene-d8	8.647	98	384691	50.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.700%
43) trans-1,3-Dichloroprop...	8.945	79	60808	49.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.160%
47) 2-Hexanone-d5	9.384	63	132161	116.174	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.170%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	188681	54.070	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.140%
66) 1,2-Dichlorobenzene-d4	12.317	152	138020	50.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108689	36.869	ug/L	99
3) Chloromethane	1.294	50	131157	47.221	ug/L	99
5) Vinyl chloride	1.374	62	118906	46.186	ug/L	100
6) Bromomethane	1.618	94	75295	50.200	ug/L	99
8) Chloroethane	1.691	64	72065	47.189	ug/L	99
9) Trichlorofluoromethane	1.886	101	143274	39.564	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	88693	37.525	ug/L	99
12) 1,1-Dichloroethene	2.319	96	91897	44.677	ug/L	97
13) Acetone	2.404	43	130238	71.508	ug/L	100
14) Carbon disulfide	2.514	76	243096	43.066	ug/L	99
15) Methyl Acetate	2.709	43	140633	49.906	ug/L	99
16) Methylene chloride	2.788	84	119099	50.425	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	104565	47.449	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	394977	50.374	ug/L	95
19) 1,1-Dichloroethane	3.611	63	214104	48.731	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	214324	84.762	ug/L	99
22) 2-Butanone	4.568	43	201814	92.774	ug/L	99
23) Bromochloromethane	4.897	128	60840	48.479	ug/L	97
25) Chloroform	5.093	83	235589	49.294	ug/L	99

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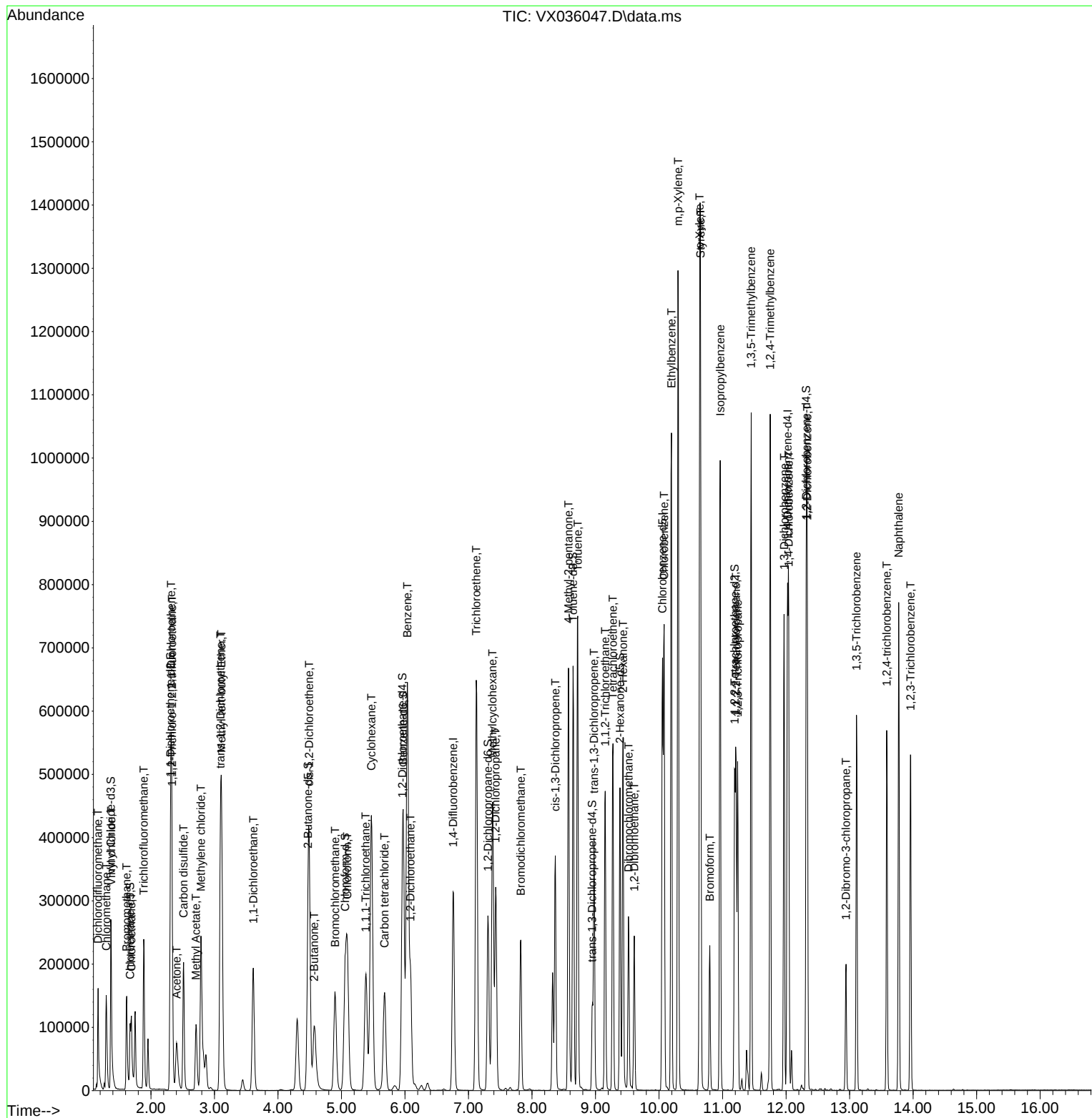
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	204475	50.142	ug/L	98
29) Cyclohexane	5.471	56	292039	76.953	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	179583	47.428	ug/L	99
31) Carbon tetrachloride	5.678	117	139227	44.277	ug/L	99
33) Benzene	6.037	78	753713	82.799	ug/L	100
34) Trichloroethene	7.123	95	254830	103.940	ug/L	94
35) Methylcyclohexane	7.379	83	203671	56.590	ug/L	99
37) 1,2-Dichloropropane	7.427	63	125619	52.580	ug/L	100
38) Bromodichloromethane	7.824	83	153658	49.888	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	187955	50.353	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	391433	108.788	ug/L	98
42) Toluene	8.720	91	477300	50.414	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	175676	50.260	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	123626	52.872	ug/L	97
46) Tetrachloroethene	9.275	164	98807	57.632	ug/L	96
48) 2-Hexanone	9.433	43	296779	104.531	ug/L	97
49) Dibromochloromethane	9.519	129	115411	52.022	ug/L	98
50) 1,2-Dibromoethane	9.610	107	129853	52.557	ug/L	99
51) Chlorobenzene	10.079	112	292220	46.914	ug/L	99
52) Ethylbenzene	10.195	91	590371	54.142	ug/L	99
53) m,p-Xylene	10.299	106	278086	67.247	ug/L	99
54) o-Xylene	10.640	106	206231	51.023	ug/L	99
55) Styrene	10.652	104	329841	48.016	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	194474	52.916	ug/L	99
59) Bromoform	10.799	173	74587	50.556	ug/L	99
60) Isopropylbenzene	10.963	105	496765	45.986	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	157679	52.252	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	433406	48.238	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	438006	52.681	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	222188	47.498	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	224391	46.896	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	222596	48.711	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	38948	51.106	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	128981	45.048	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	119514	45.696	ug/L	97
71) Naphthalene	13.774	128	450066	52.321	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	122155	46.970	ug/L	99

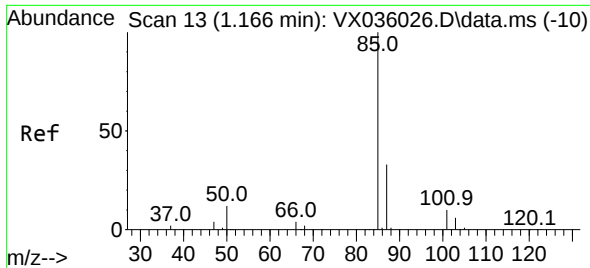
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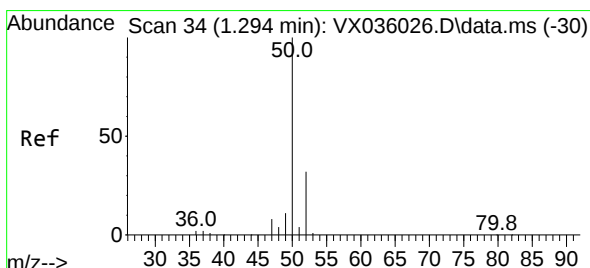
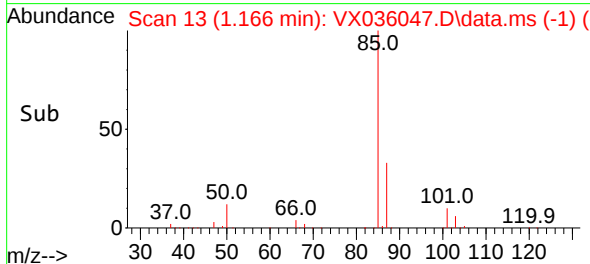
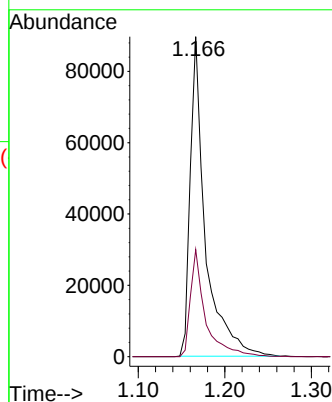
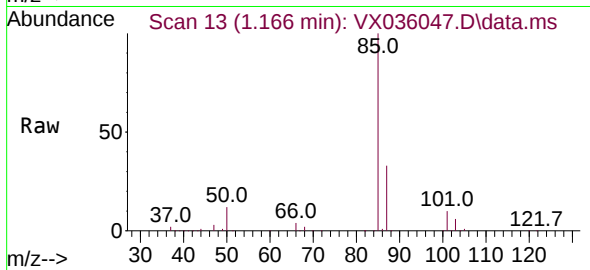




#2
 Dichlorodifluoromethane
 Concen: 36.869 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

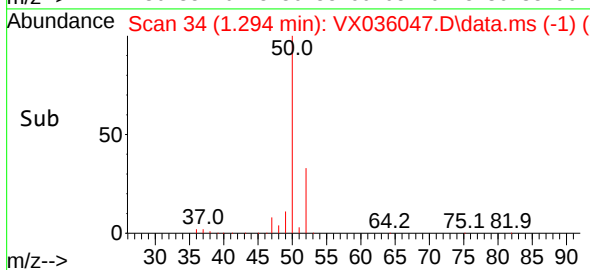
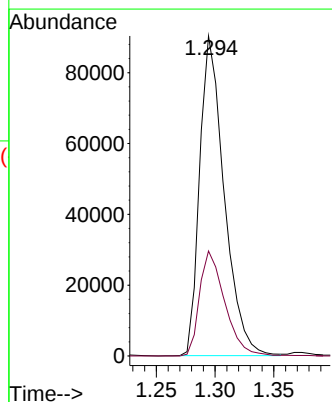
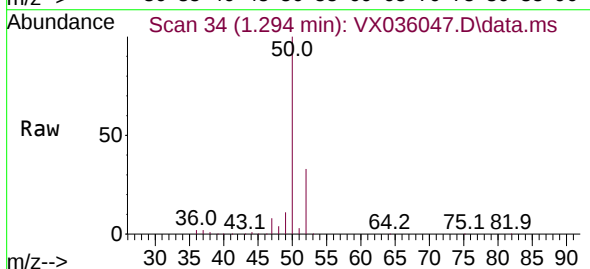
Instrument :
 MSVOA_X
 ClientSampleId :
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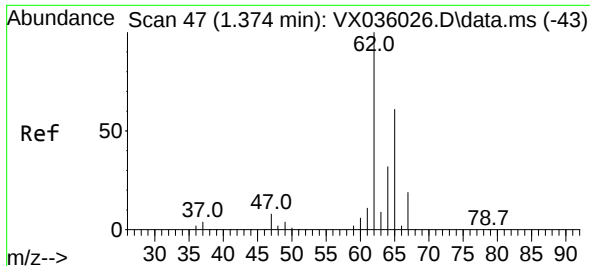
Tgt Ion: 85 Resp: 108689
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.4 39.6



#3
 Chloromethane
 Concen: 47.221 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

Tgt Ion: 50 Resp: 131157
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.9

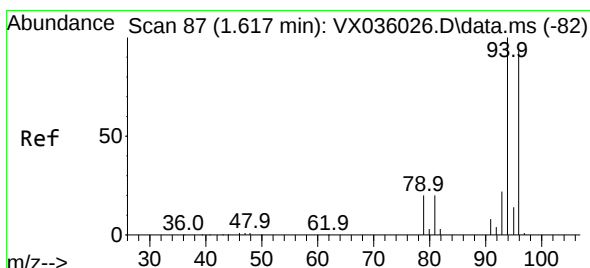
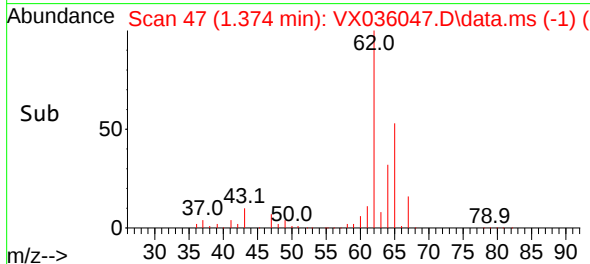
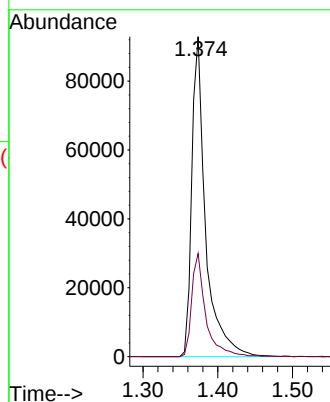
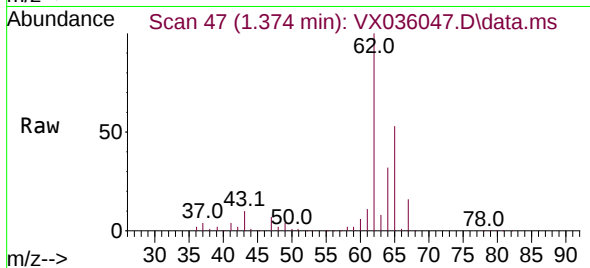




#5
 Vinyl chloride
 Concen: 46.186 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

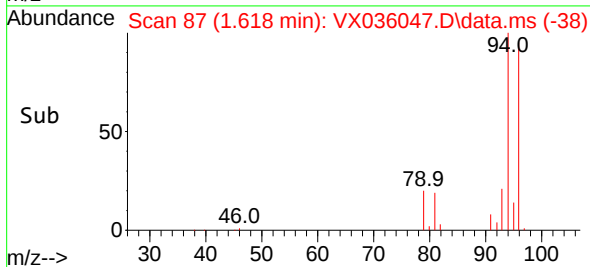
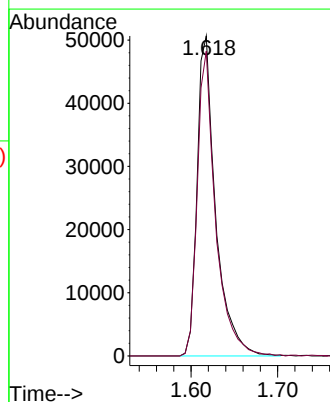
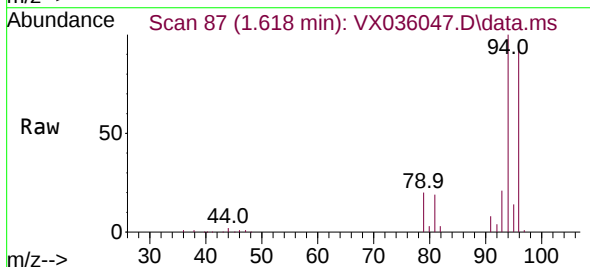
Instrument :
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 ClientSampleId :
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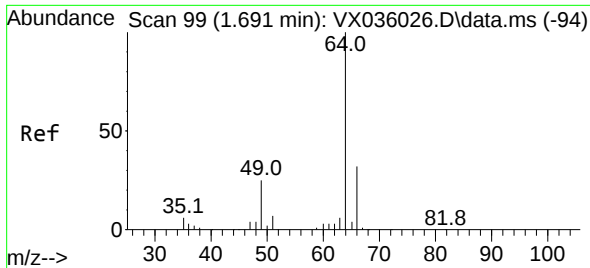
Tgt Ion: 62 Resp: 118906
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.7 42.1



#6
 Bromomethane
 Concen: 50.200 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

Tgt Ion: 94 Resp: 75295
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.8 122.2

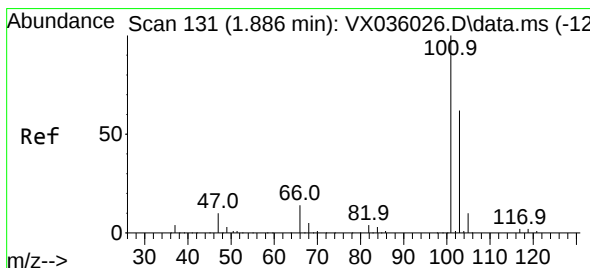
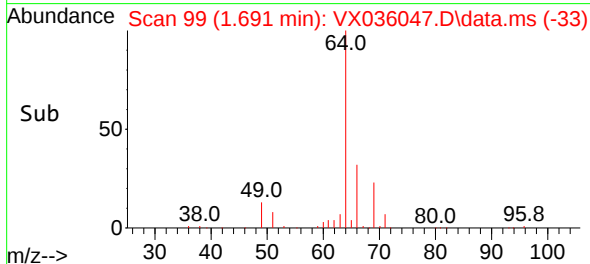
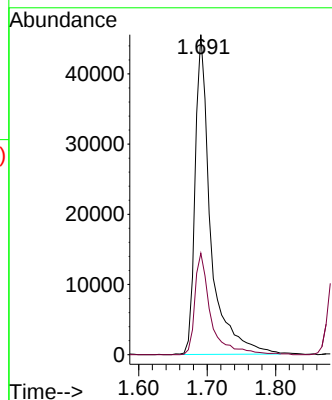
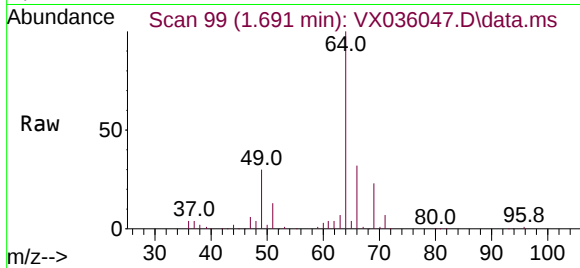




#8
Chloroethane
Concen: 47.189 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

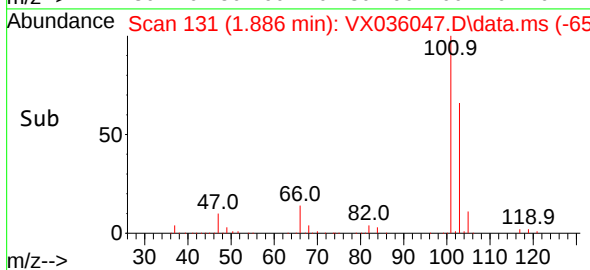
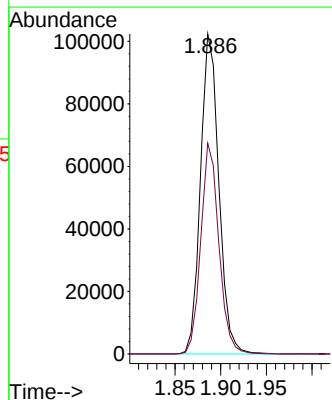
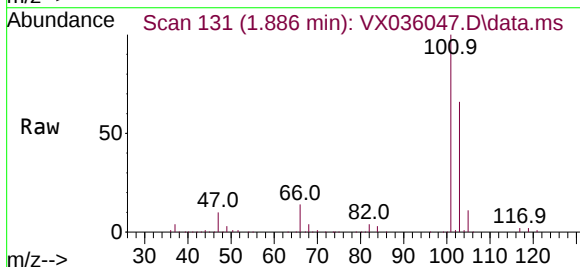
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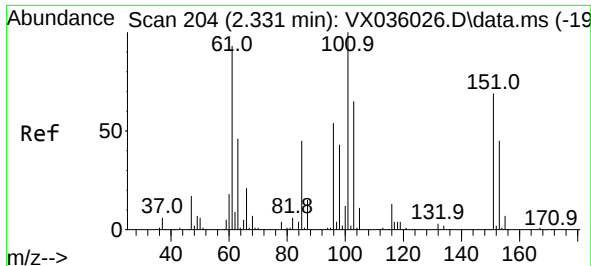
Tgt Ion: 64 Resp: 72065
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 39.564 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion: 101 Resp: 143274
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

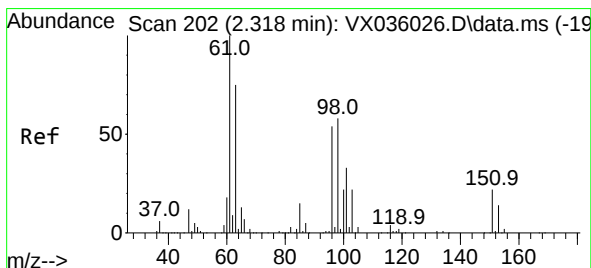
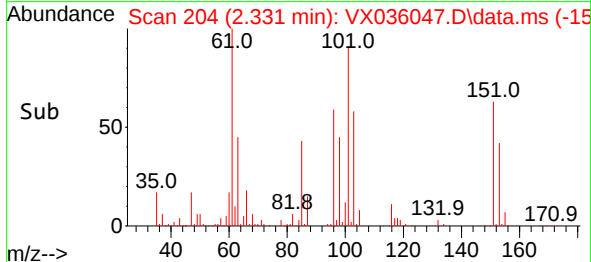
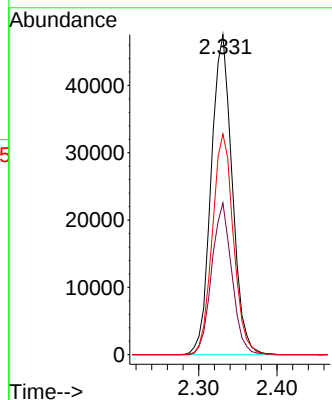
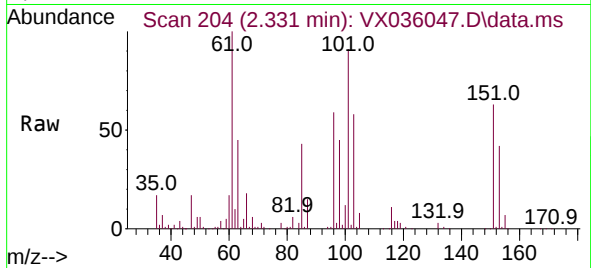




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 37.525 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036047.D
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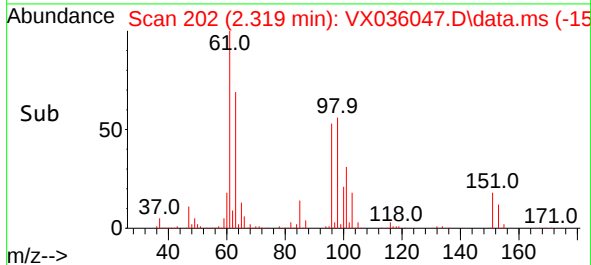
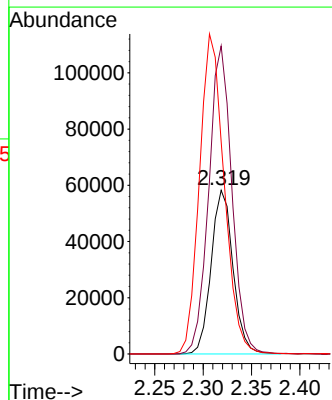
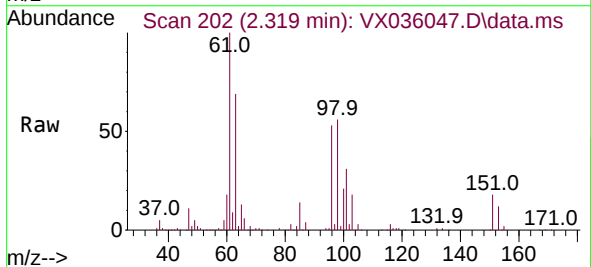
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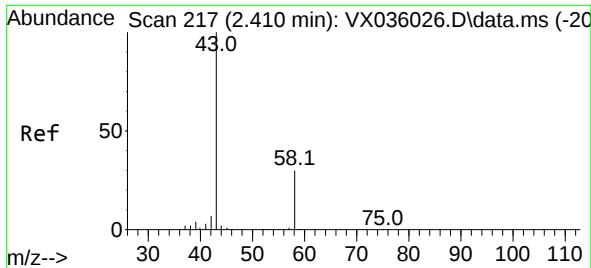
Tgt Ion:101 Resp: 88693
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.6 55.0
 151 69.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 44.677 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

Tgt Ion: 96 Resp: 91897
 Ion Ratio Lower Upper
 96 100
 61 188.2 132.5 246.1
 63 129.7 95.1 176.7





#13

Acetone

Concen: 71.508 ug/L

RT: 2.404 min Scan# 217

Delta R.T. -0.006 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

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ClientSampleId :

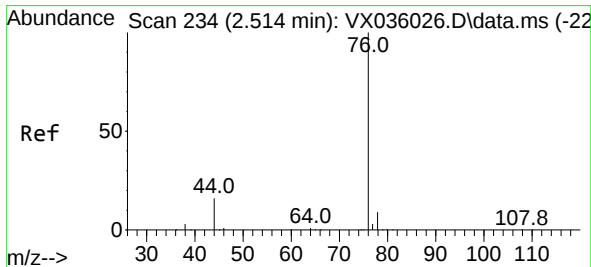
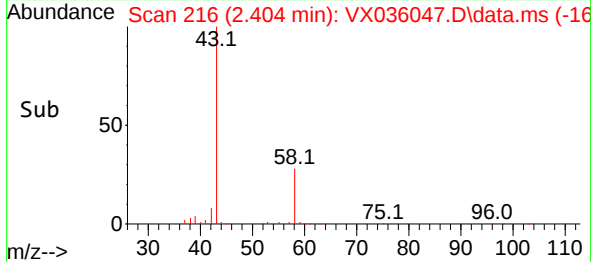
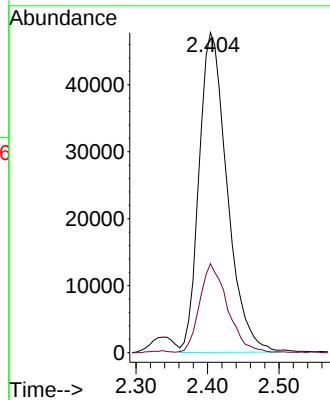
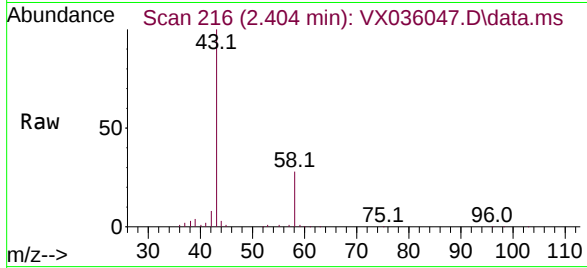
F6C08MSD

Tgt Ion: 43 Resp: 130238

Ion Ratio Lower Upper

43 100

58 27.6 0.0 55.4



#14

Carbon disulfide

Concen: 43.066 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

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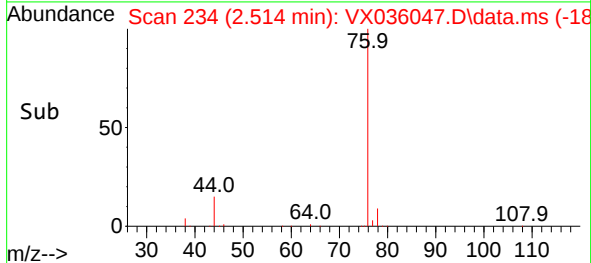
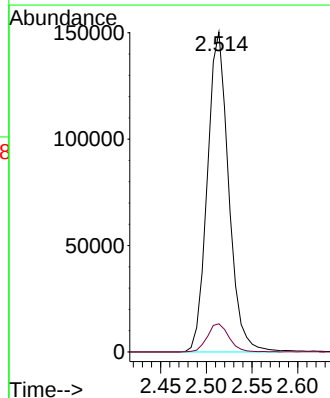
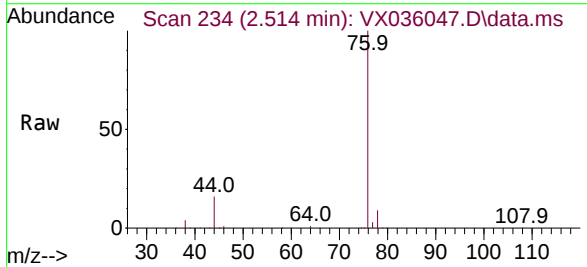
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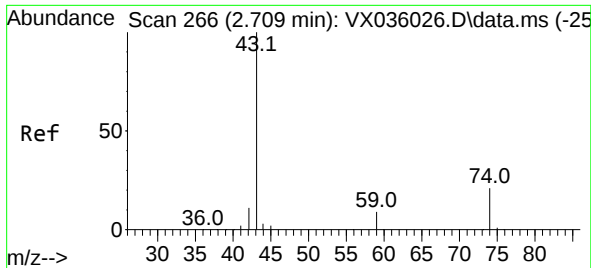
Tgt Ion: 76 Resp: 243096

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

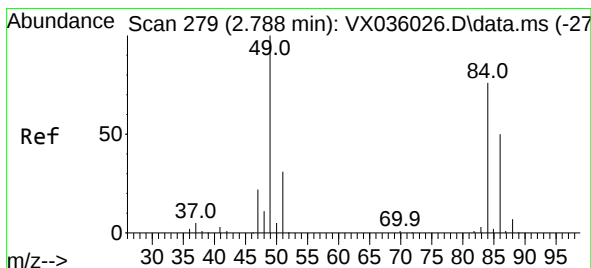
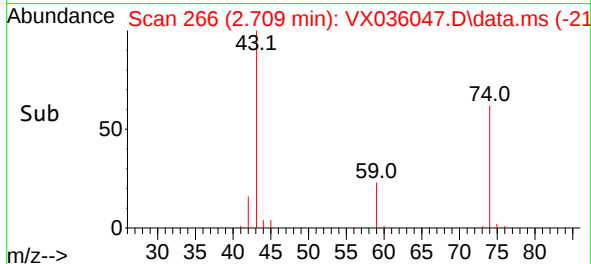
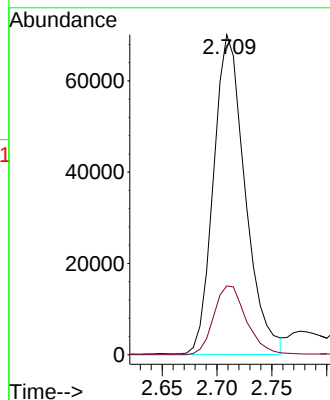
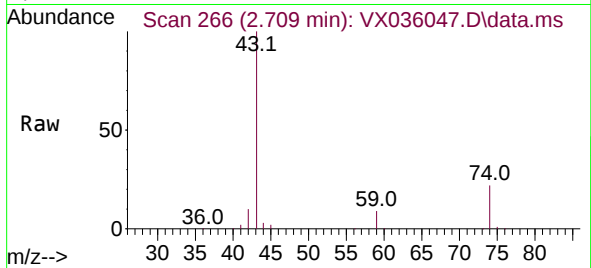




#15
Methyl Acetate
Concen: 49.906 ug/L
RT: 2.709 min Scan# 210
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

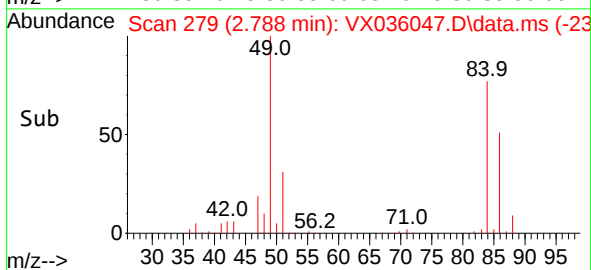
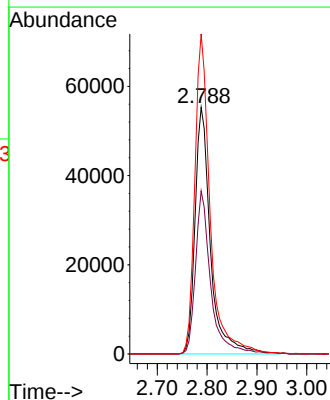
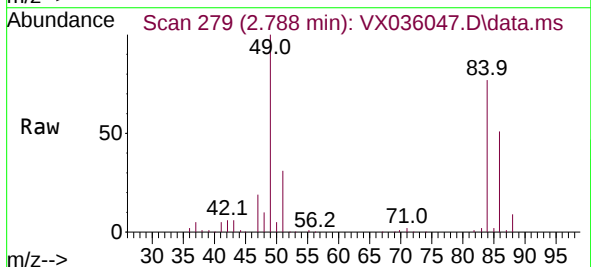
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

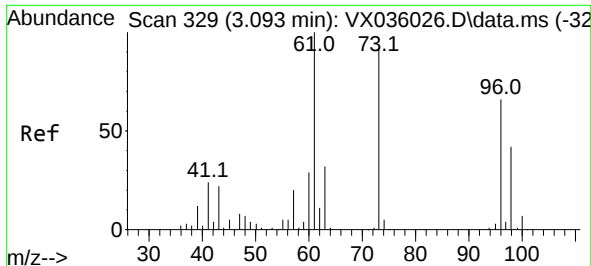
Tgt Ion: 43 Resp: 140633
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.2



#16
Methylene chloride
Concen: 50.425 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion: 84 Resp: 119099
Ion Ratio Lower Upper
84 100
86 66.2 46.5 86.5
49 129.8 95.1 176.5





#17

trans-1,2-Dichloroethene

Concen: 47.449 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

F6C08MSD

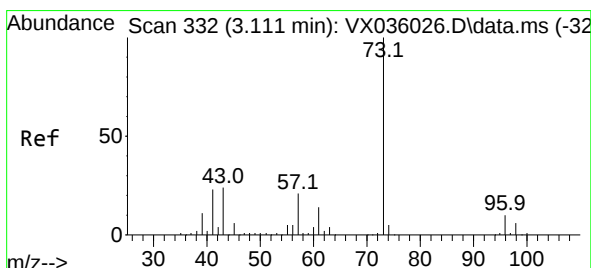
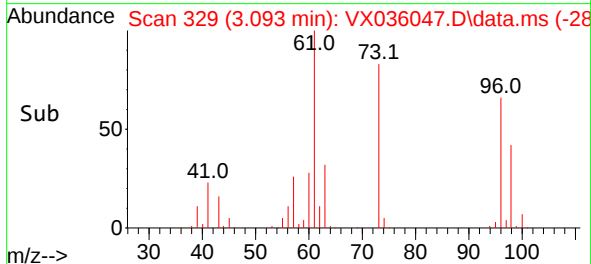
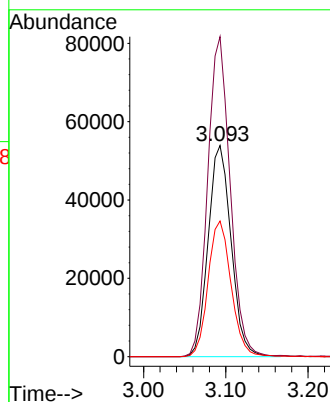
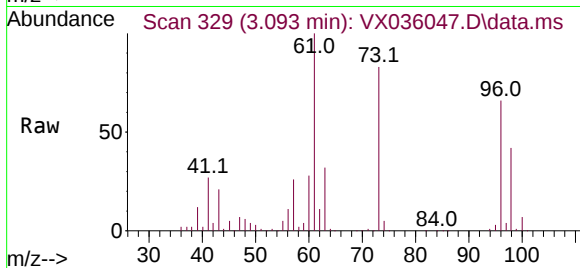
Tgt Ion: 96 Resp: 104565

Ion Ratio Lower Upper

96 100

61 151.5 100.7 187.1

98 64.3 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 50.374 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

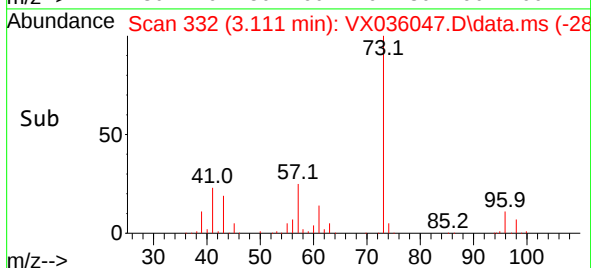
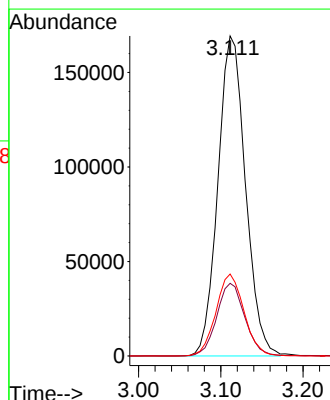
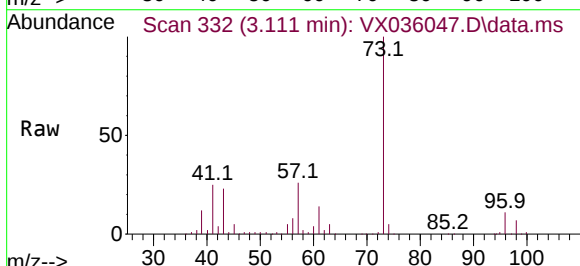
Tgt Ion: 73 Resp: 394977

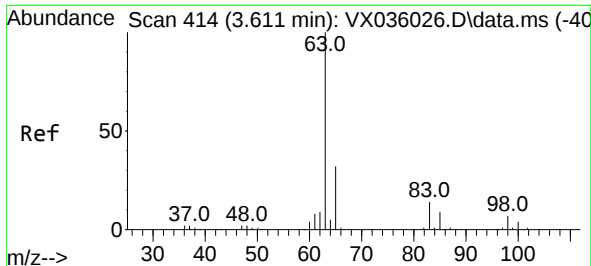
Ion Ratio Lower Upper

73 100

43 23.1 19.4 29.0

57 26.1 17.5 26.3

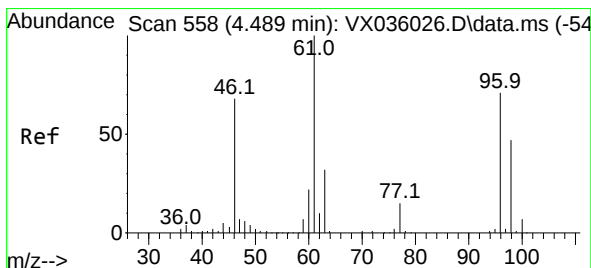
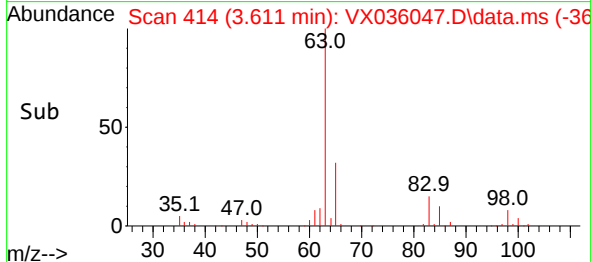
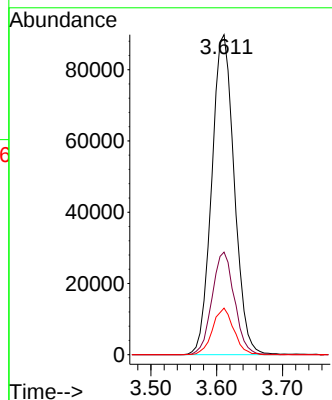
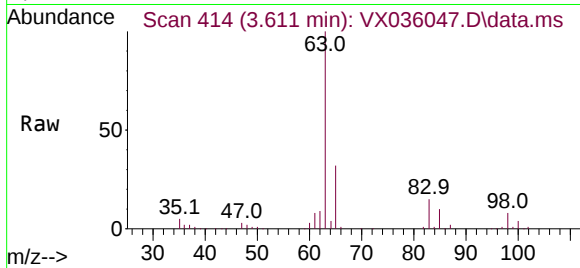




#19
 1,1-Dichloroethane
 Concen: 48.731 ug/L
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

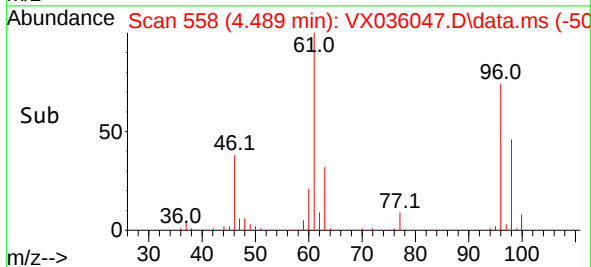
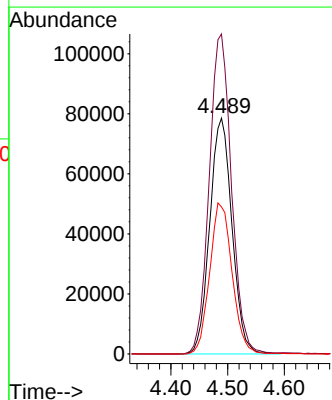
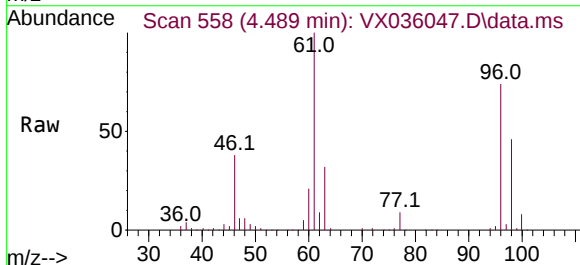
Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MSD

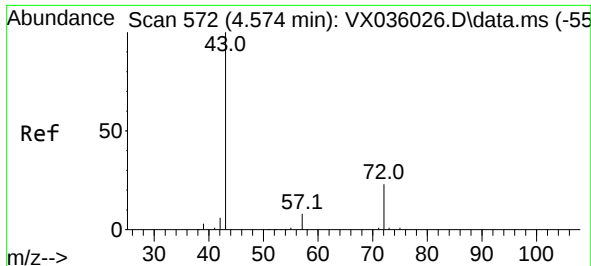
Tgt Ion: 63 Resp: 214104
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.6 42.0
 83 14.6 9.5 17.7



#20
 cis-1,2-Dichloroethene
 Concen: 84.762 ug/L
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

Tgt Ion: 96 Resp: 214324
 Ion Ratio Lower Upper
 96 100
 61 135.7 94.7 175.9
 98 62.3 45.4 84.4

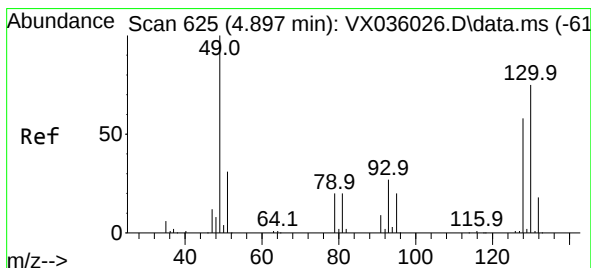
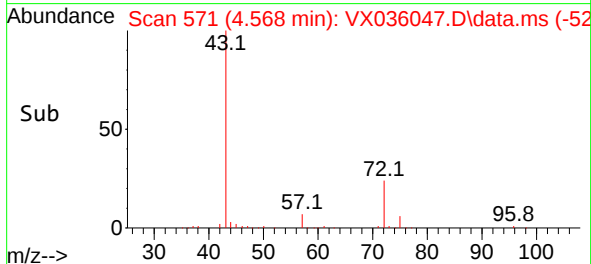
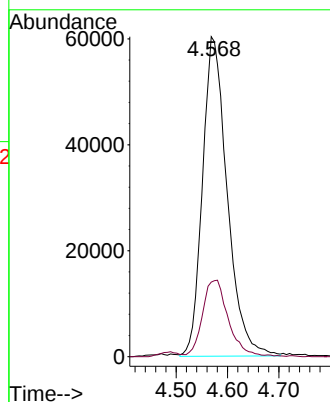
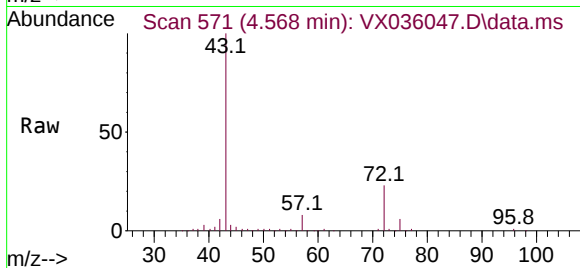




#22
2-Butanone
Concen: 92.774 ug/L
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

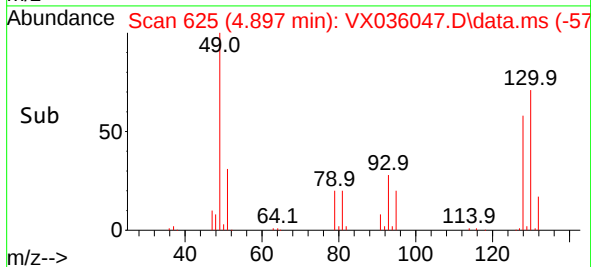
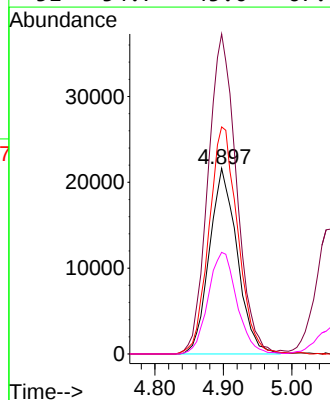
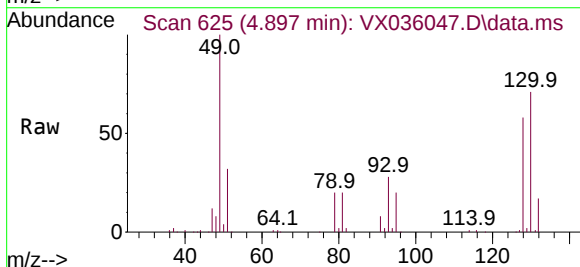
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

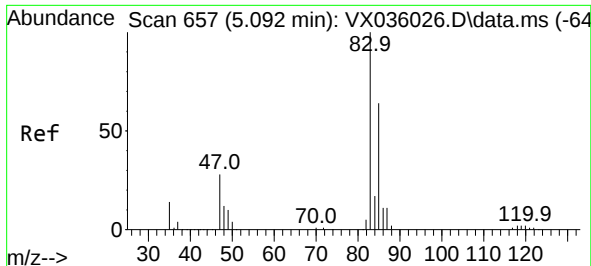
Tgt Ion: 43 Resp: 201814
Ion Ratio Lower Upper
43 100
72 24.8 12.0 36.1



#23
Bromochloromethane
Concen: 48.479 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion:128 Resp: 60840
Ion Ratio Lower Upper
128 100
49 172.4 123.9 230.1
130 122.4 88.3 164.1
51 54.7 45.0 67.6

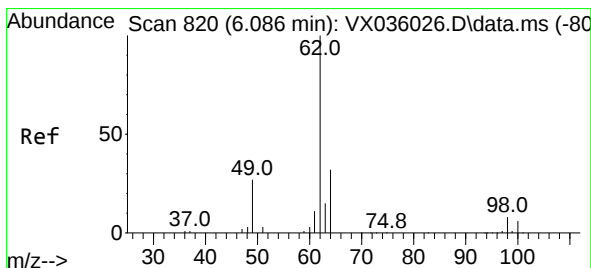
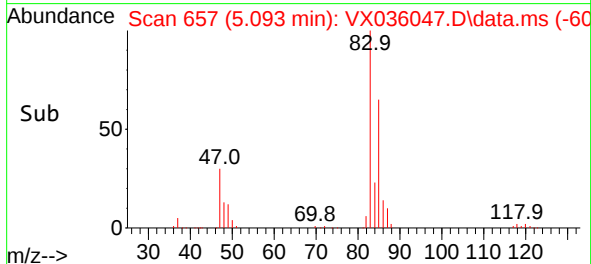
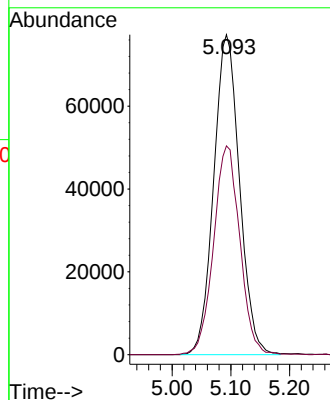
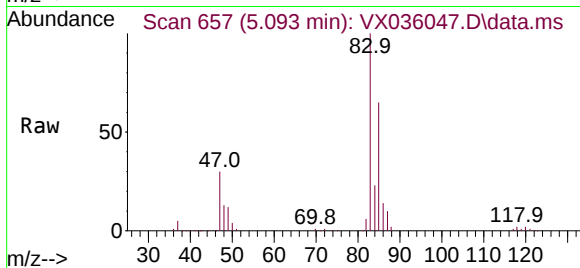




#25
Chloroform
Concen: 49.294 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

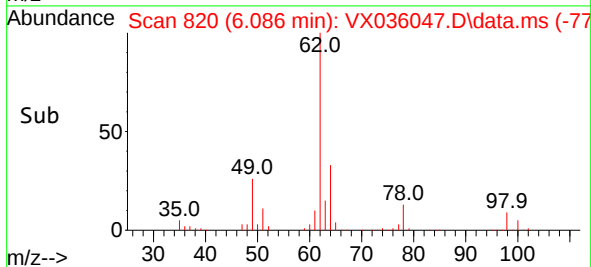
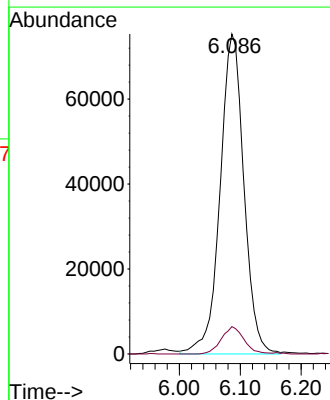
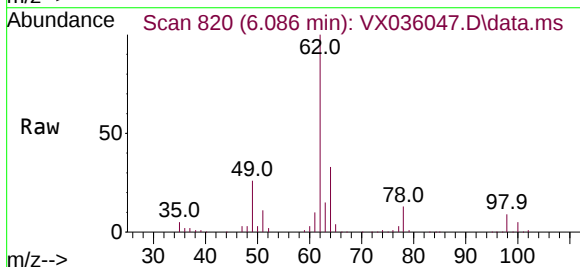
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

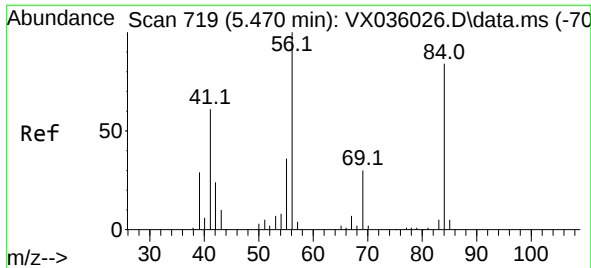
Tgt Ion: 83 Resp: 235589
Ion Ratio Lower Upper
83 100
85 65.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 50.142 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion: 62 Resp: 204475
Ion Ratio Lower Upper
62 100
98 8.6 6.4 9.6

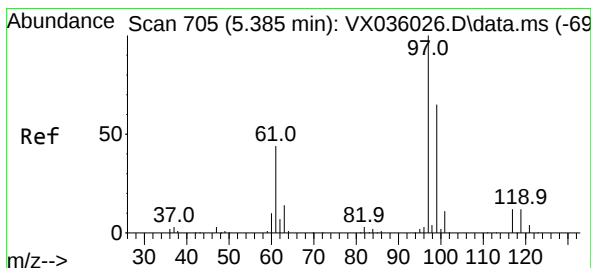
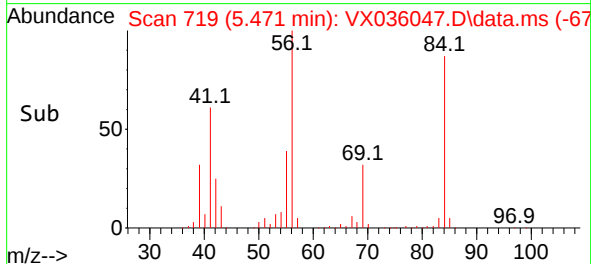
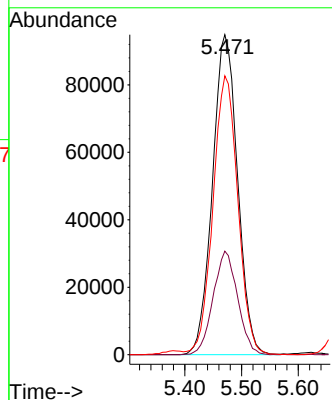
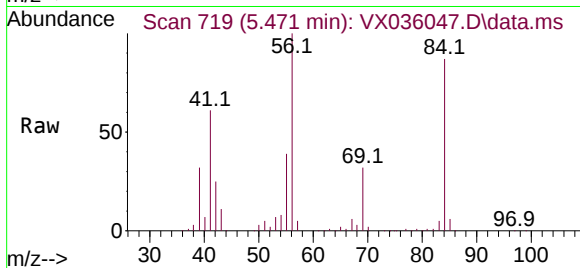




#29
Cyclohexane
Concen: 76.953 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

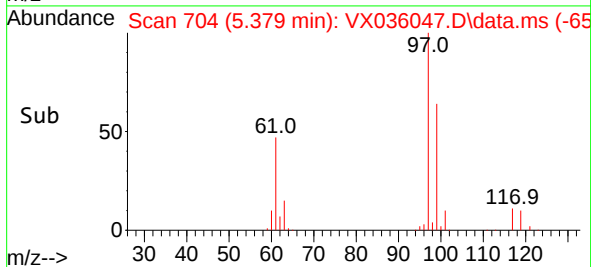
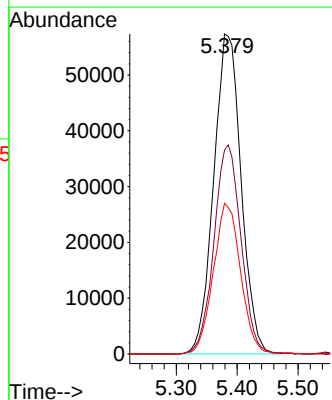
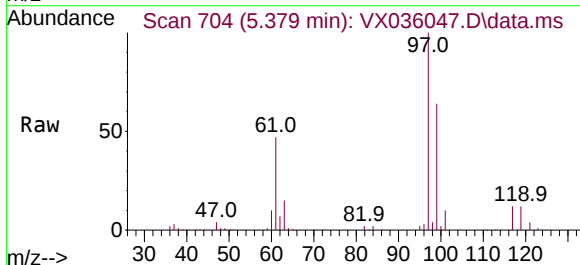
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

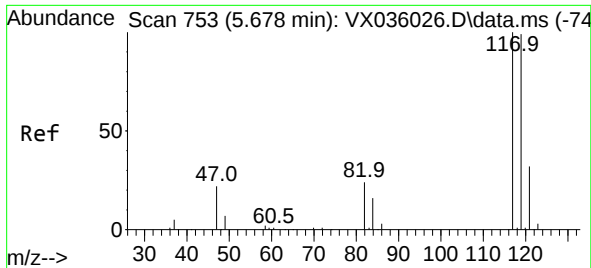
Tgt Ion:	56	Resp:	292039
Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.3	36.5
84	86.5	68.4	102.6



#30
1,1,1-Trichloroethane
Concen: 47.428 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion:	97	Resp:	179583
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	46.7	38.0	57.0

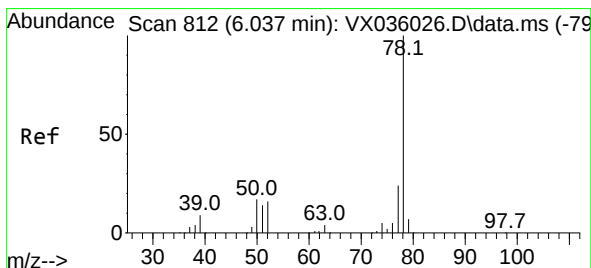
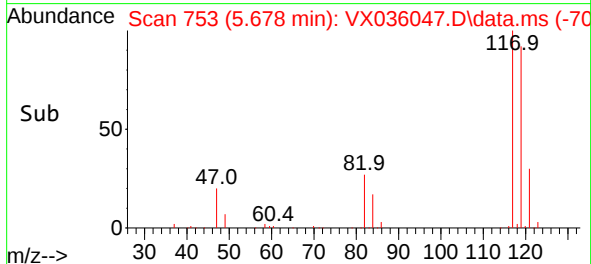
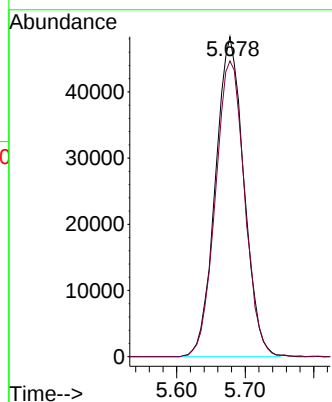
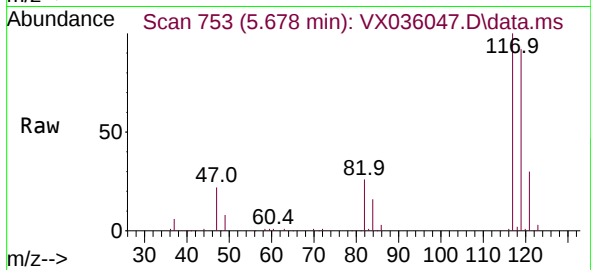




#31
Carbon tetrachloride
Concen: 44.277 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

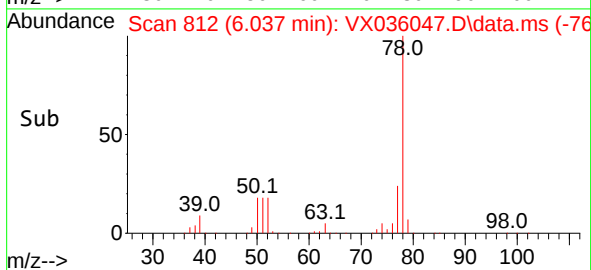
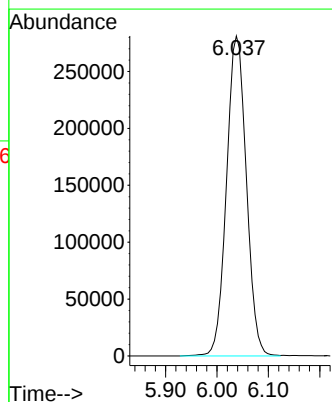
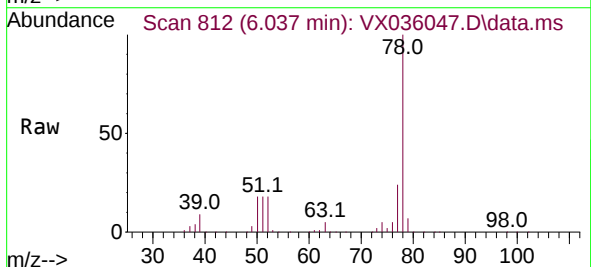
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

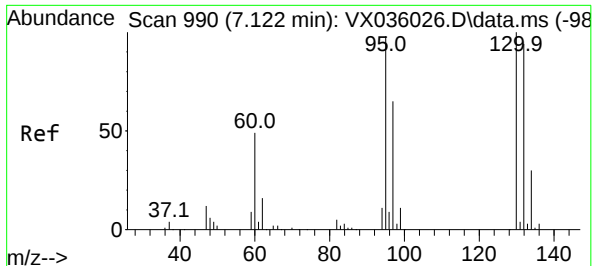
Tgt Ion:117 Resp: 139227
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3



#33
Benzene
Concen: 82.799 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion: 78 Resp: 753713



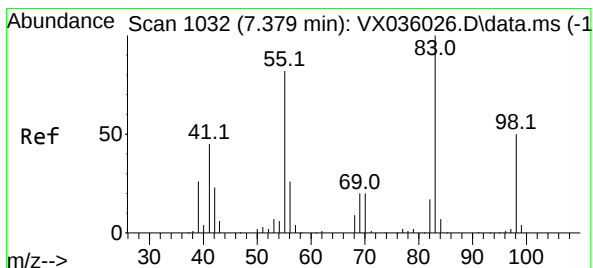
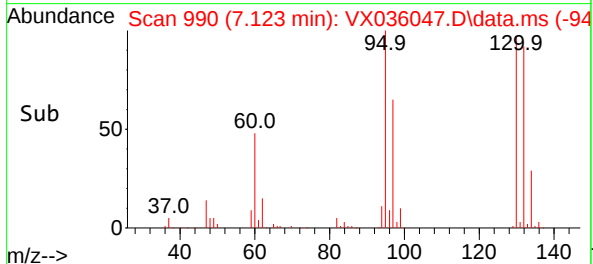
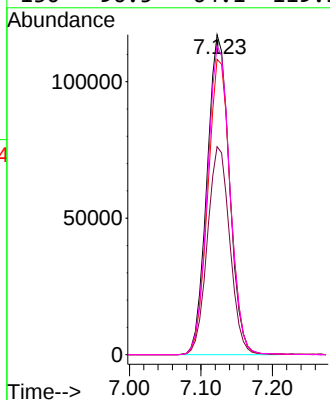
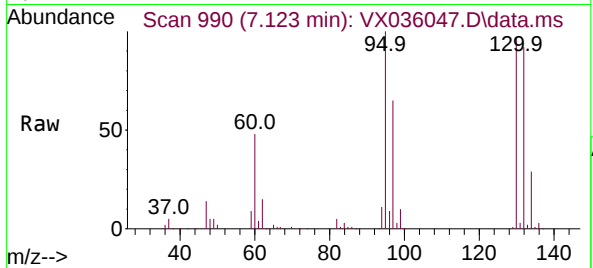


#34
 Trichloroethene
 Concen: 103.940 ug/L
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MSD

Tgt Ion: 95 Resp: 254830

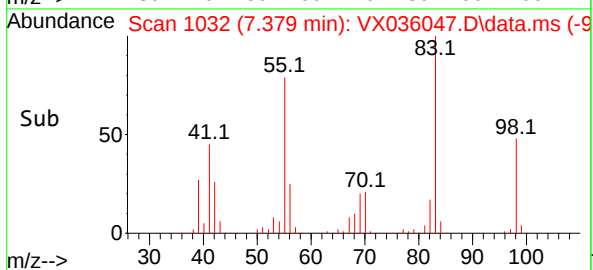
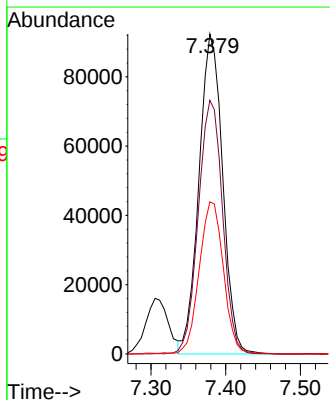
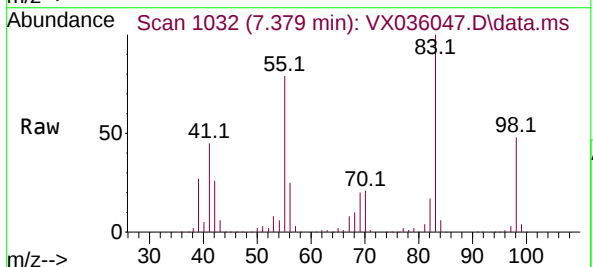
Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.6	81.0
132	92.3	59.9	111.3
130	96.5	64.1	119.1

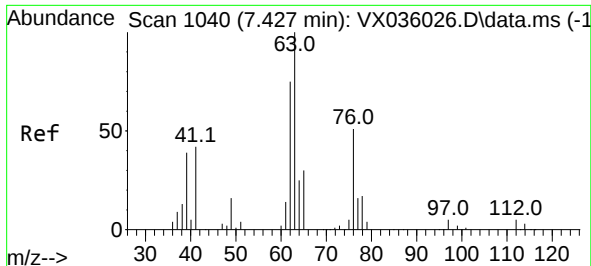


#35
 Methylcyclohexane
 Concen: 56.590 ug/L
 RT: 7.379 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

Tgt Ion: 83 Resp: 203671

Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.4	98.2
98	48.5	39.0	58.6





#37

1,2-Dichloropropane

Concen: 52.580 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

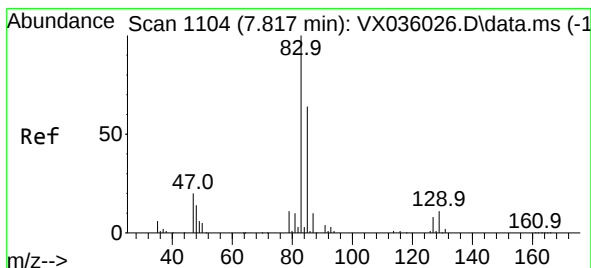
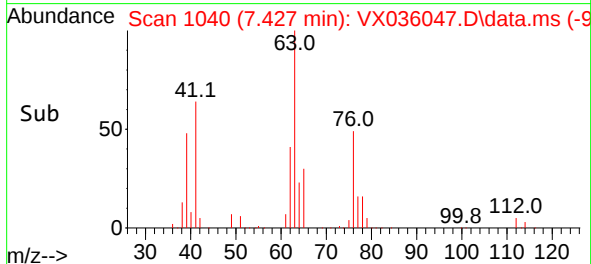
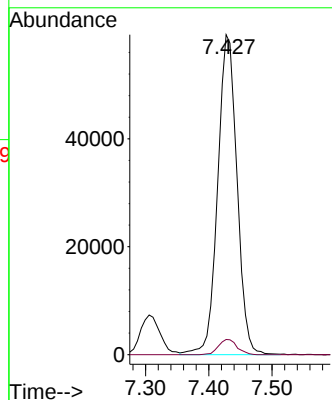
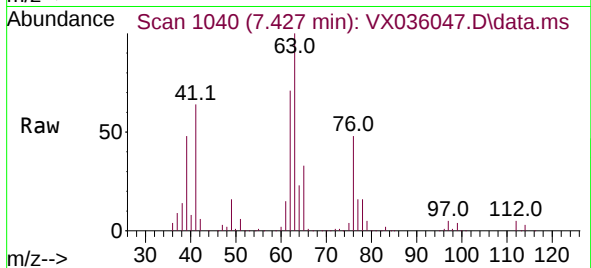
F6C08MSD

Tgt Ion: 63 Resp: 125619

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 49.888 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

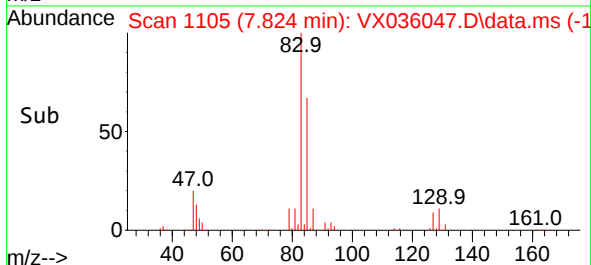
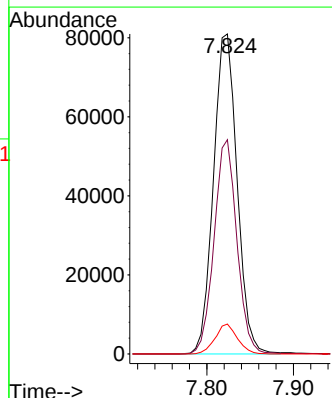
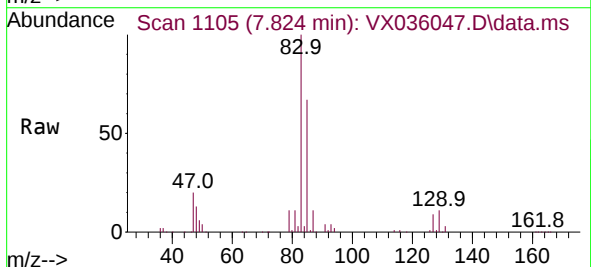
Tgt Ion: 83 Resp: 153658

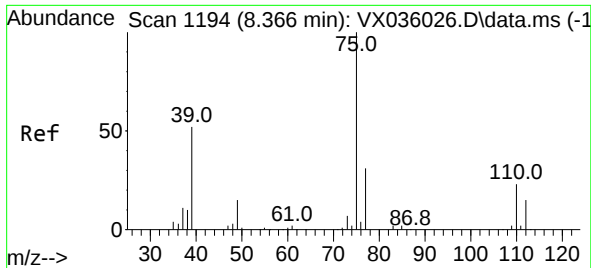
Ion Ratio Lower Upper

83 100

85 67.0 45.3 84.1

127 9.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 50.353 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

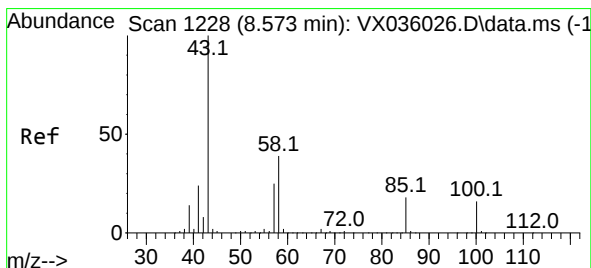
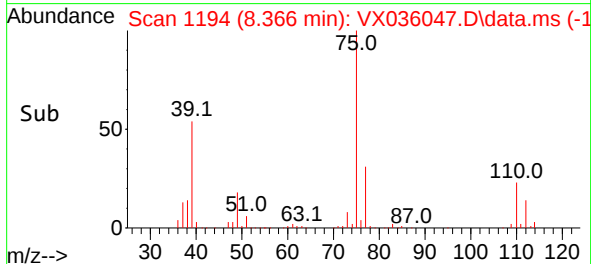
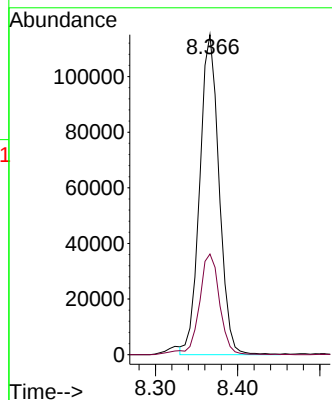
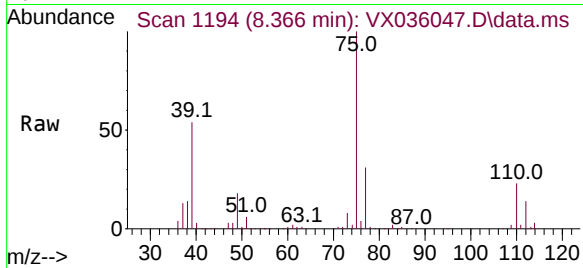
F6C08MSD

Tgt Ion: 75 Resp: 187955

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 108.788 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

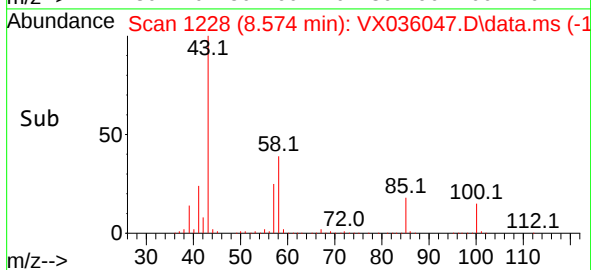
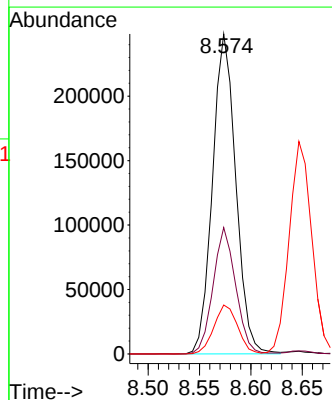
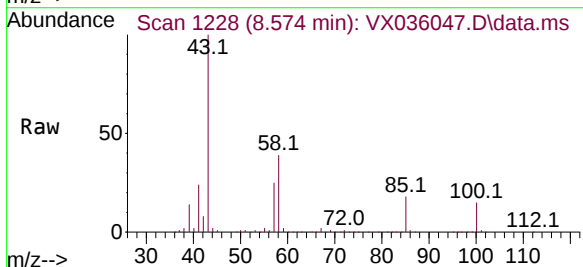
Tgt Ion: 43 Resp: 391433

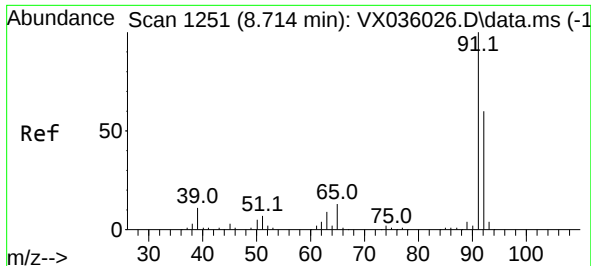
Ion Ratio Lower Upper

43 100

58 38.3 29.4 44.2

100 15.7 11.8 17.6





#42

Toluene

Concen: 50.414 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

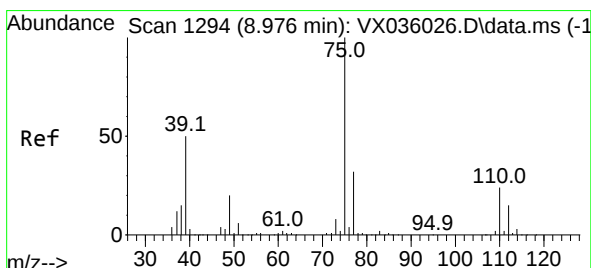
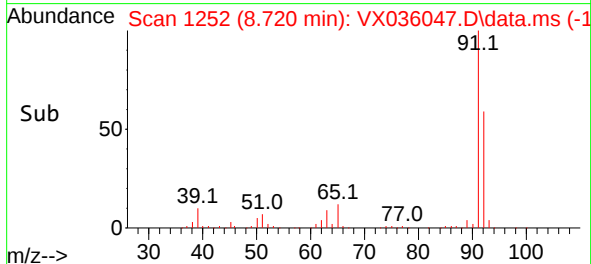
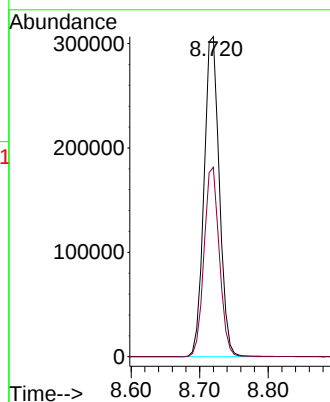
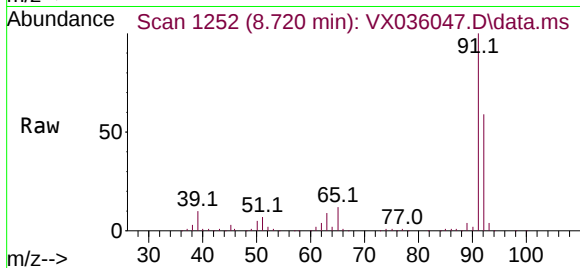
F6C08MSD

Tgt Ion: 91 Resp: 477300

Ion Ratio Lower Upper

91 100

92 59.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 50.260 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036047.D

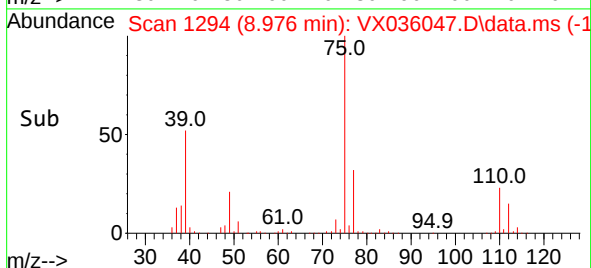
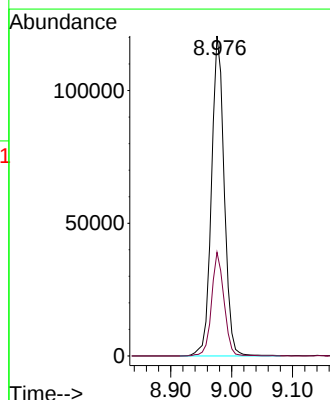
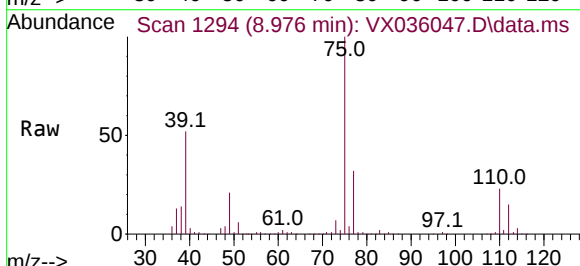
Acq: 06 Jun 2023 20:52

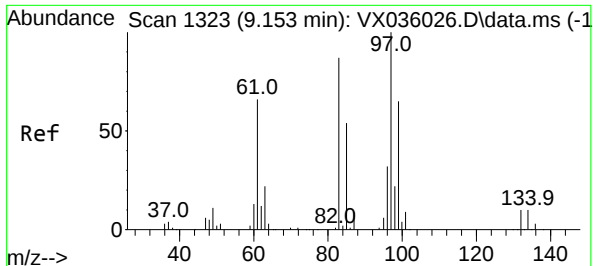
Tgt Ion: 75 Resp: 175676

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 52.872 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

F6C08MSD

Tgt Ion: 97 Resp: 123626

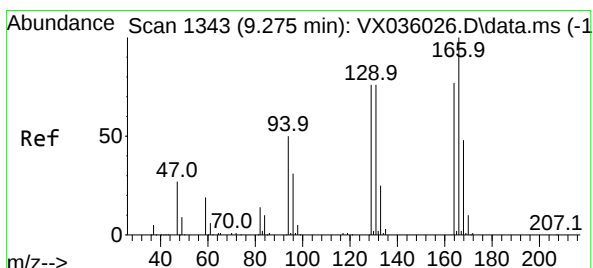
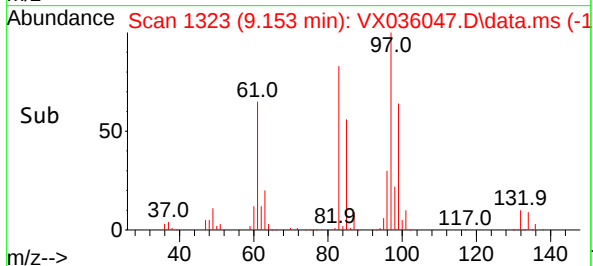
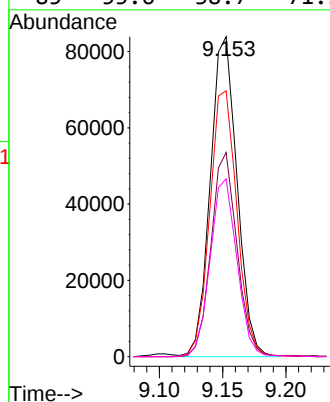
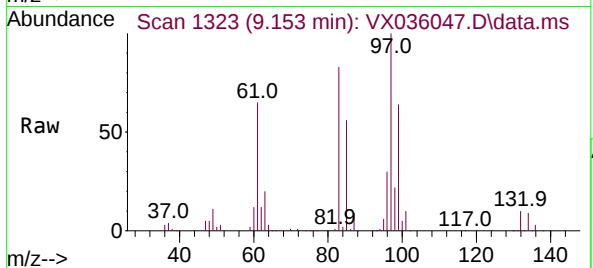
Ion Ratio Lower Upper

97 100

99 63.8 42.9 79.7

83 83.1 61.0 113.2

85 55.6 38.7 71.9



#46

Tetrachloroethene

Concen: 57.632 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Tgt Ion: 164 Resp: 98807

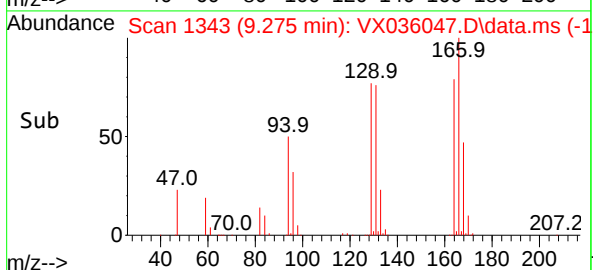
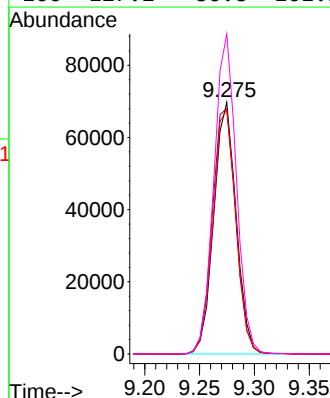
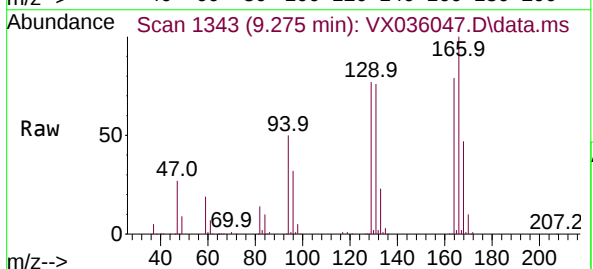
Ion Ratio Lower Upper

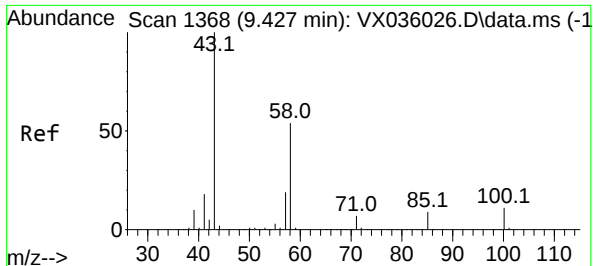
164 100

129 97.5 74.8 139.0

131 97.1 68.9 127.9

166 127.2 86.8 161.2





#48

2-Hexanone

Concen: 104.531 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

F6C08MSD

Tgt Ion: 43 Resp: 296779

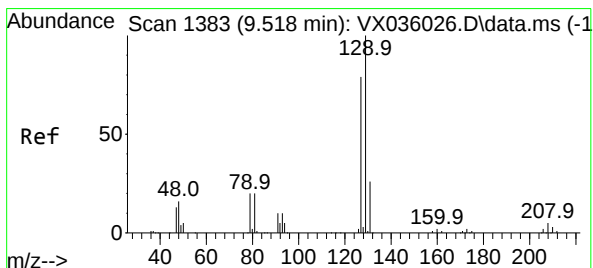
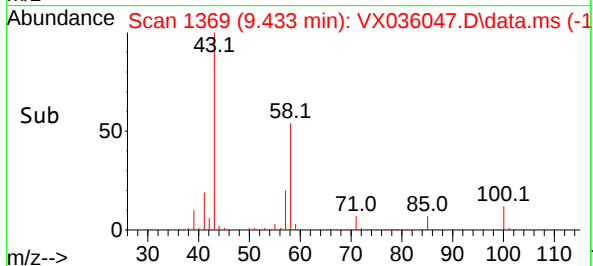
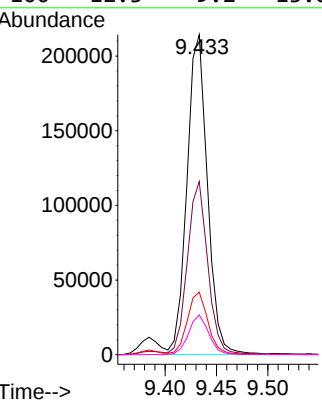
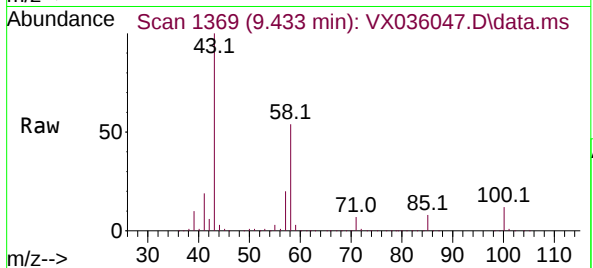
Ion Ratio Lower Upper

43 100

58 54.1 41.0 61.6

57 19.8 15.2 22.8

100 12.3 9.2 13.8



#49

Dibromochloromethane

Concen: 52.022 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036047.D

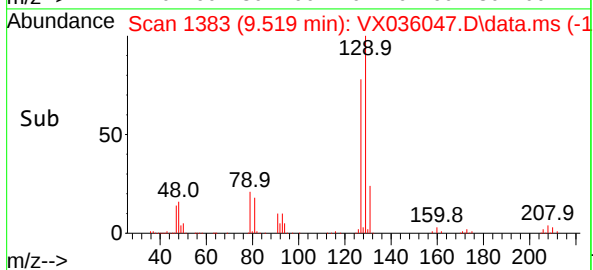
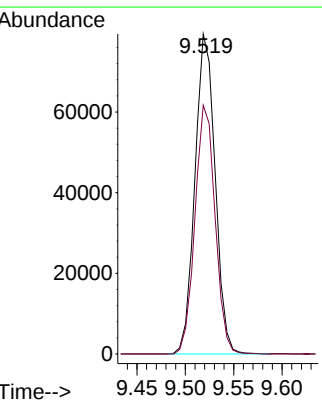
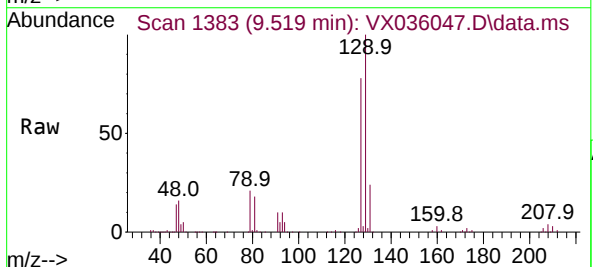
Acq: 06 Jun 2023 20:52

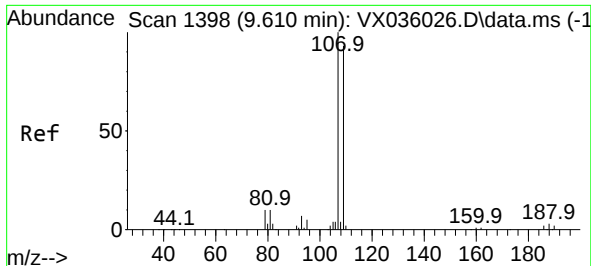
Tgt Ion: 129 Resp: 115411

Ion Ratio Lower Upper

129 100

127 77.7 53.3 98.9

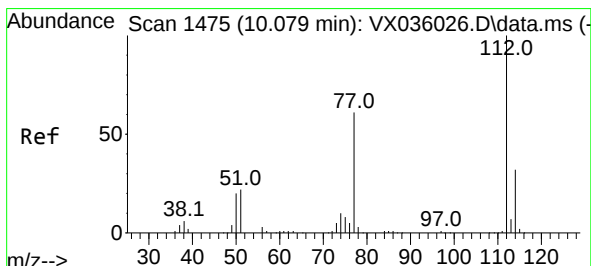
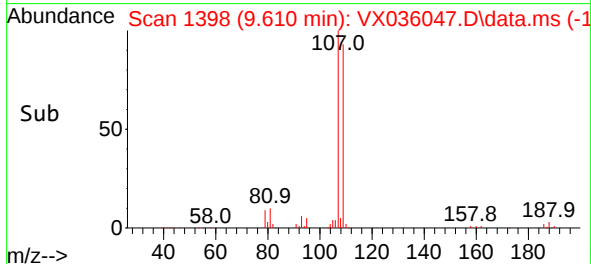
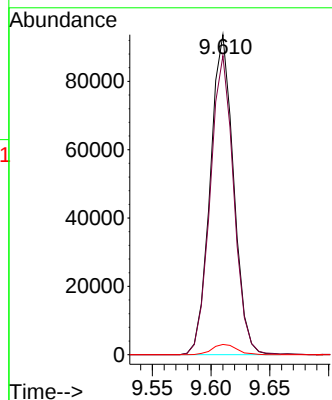
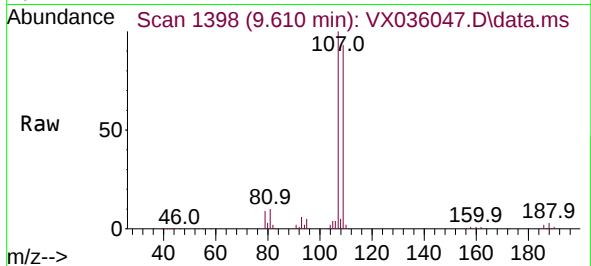




#50
1,2-Dibromoethane
Concen: 52.557 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

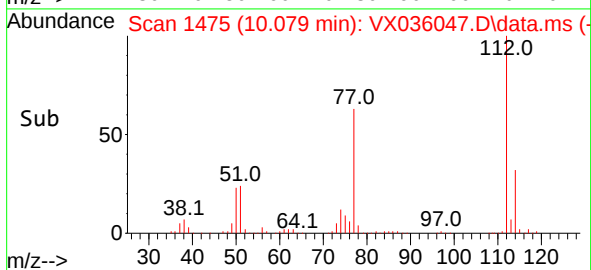
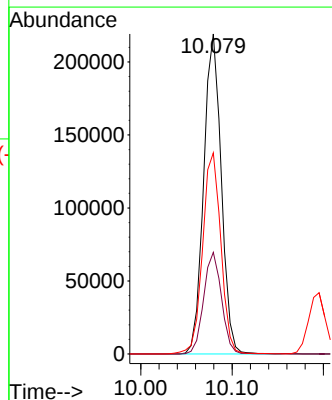
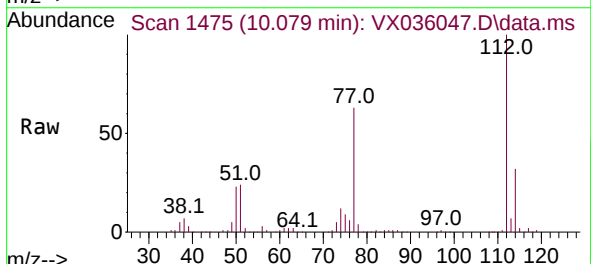
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

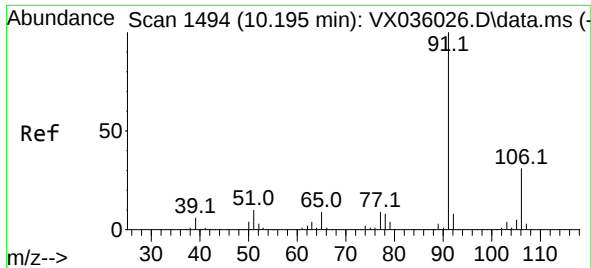
Tgt Ion:107 Resp: 129853
Ion Ratio Lower Upper
107 100
109 93.4 66.1 122.8
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 46.914 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion:112 Resp: 292220
Ion Ratio Lower Upper
112 100
114 31.8 22.7 42.3
77 62.8 50.6 75.8

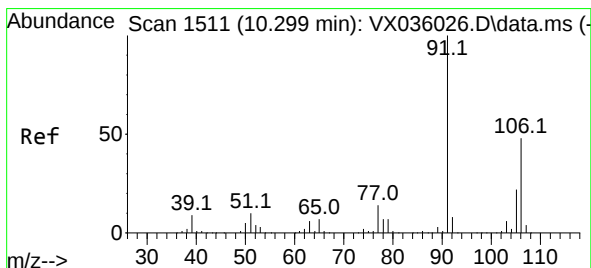
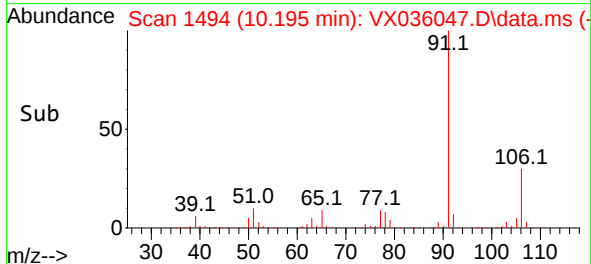
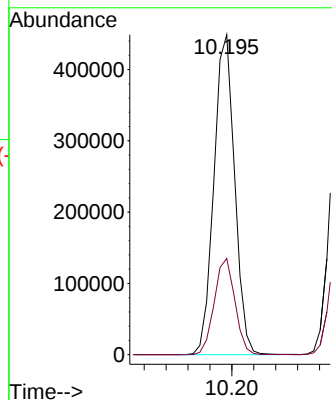
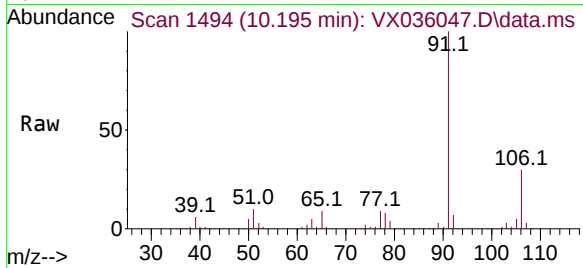




#52
Ethylbenzene
Concen: 54.142 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

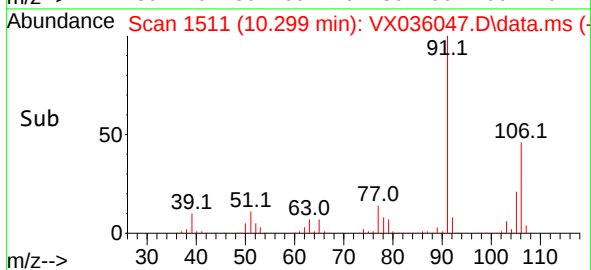
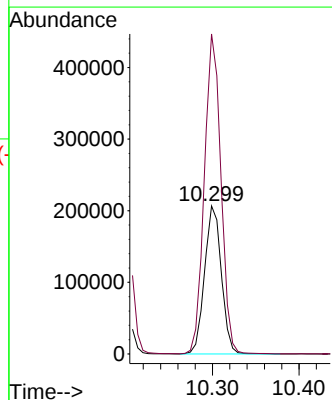
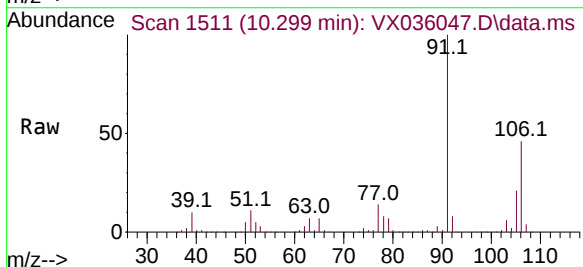
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

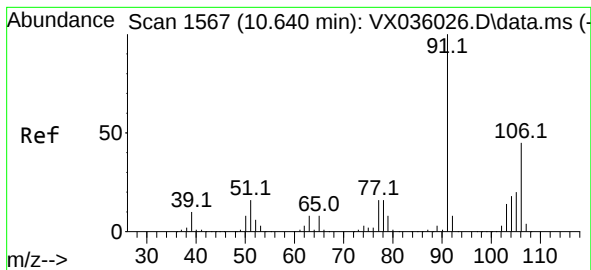
Tgt Ion: 91 Resp: 590371
Ion Ratio Lower Upper
91 100
106 30.1 20.8 38.6



#53
m,p-Xylene
Concen: 67.247 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion: 106 Resp: 278086
Ion Ratio Lower Upper
106 100
91 216.1 149.8 278.2





#54

o-Xylene

Concen: 51.023 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

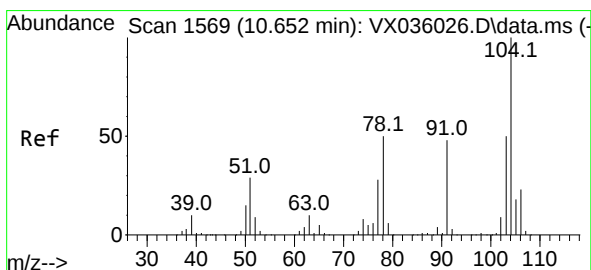
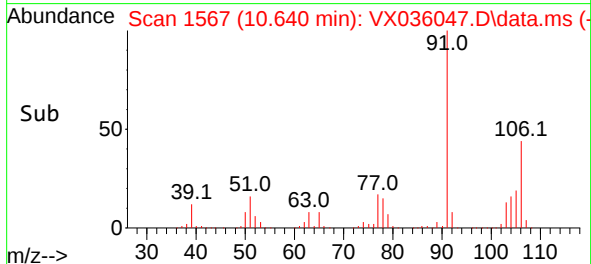
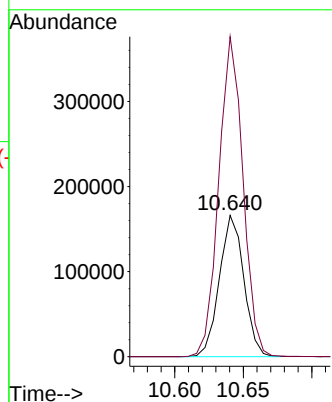
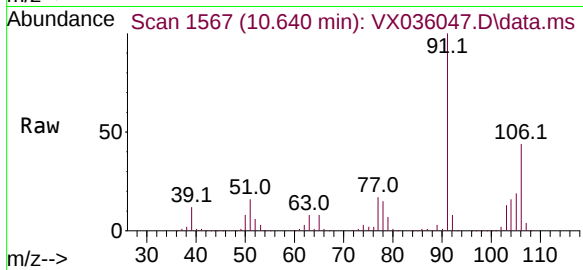
F6C08MSD

Tgt Ion:106 Resp: 206231

Ion Ratio Lower Upper

106 100

91 226.4 156.9 291.5



#55

Styrene

Concen: 48.016 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036047.D

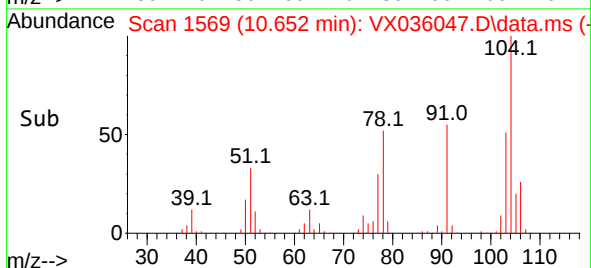
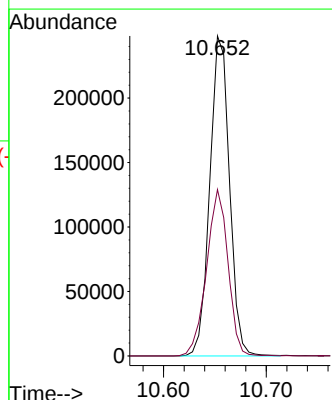
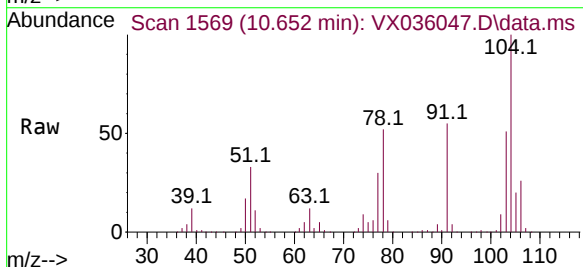
Acq: 06 Jun 2023 20:52

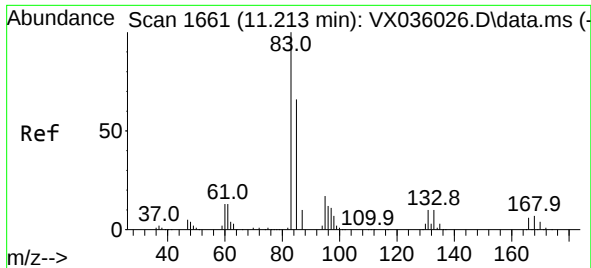
Tgt Ion:104 Resp: 329841

Ion Ratio Lower Upper

104 100

78 52.0 36.1 67.1

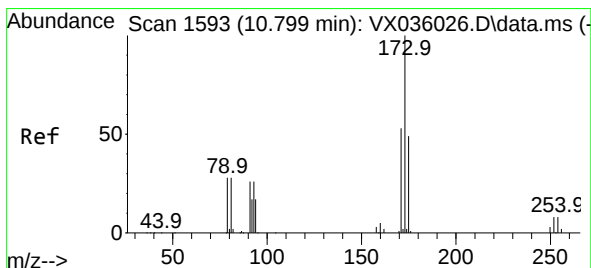
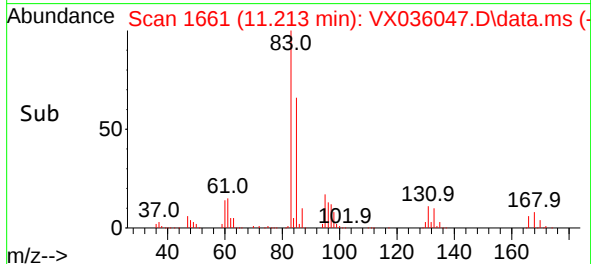
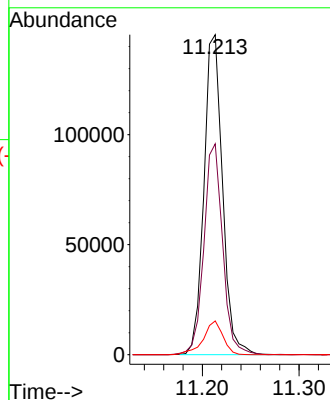
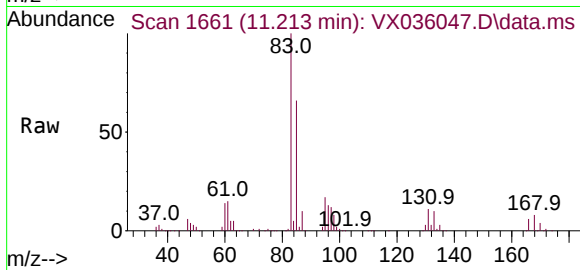




#57
1,1,2,2-Tetrachloroethane
Concen: 52.916 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

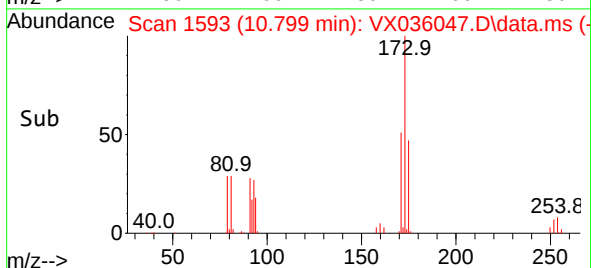
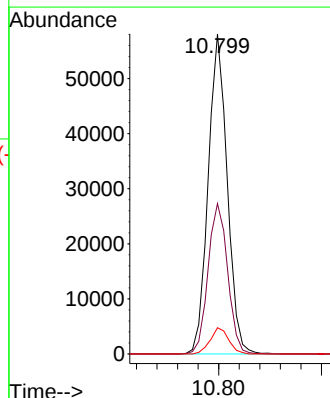
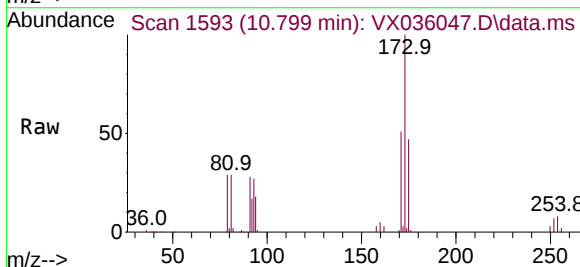
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

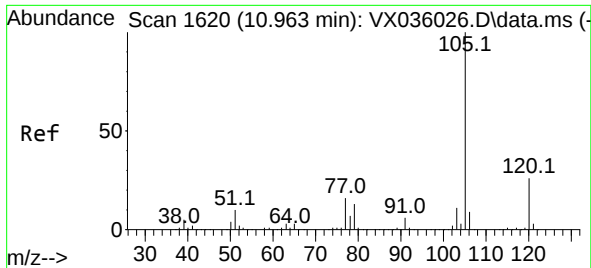
Tgt Ion: 83 Resp: 194474
Ion Ratio Lower Upper
83 100
85 65.9 45.6 84.8
131 10.6 8.1 12.1



#59
Bromoform
Concen: 50.556 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion:173 Resp: 74587
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.2
254 8.0 6.6 10.0

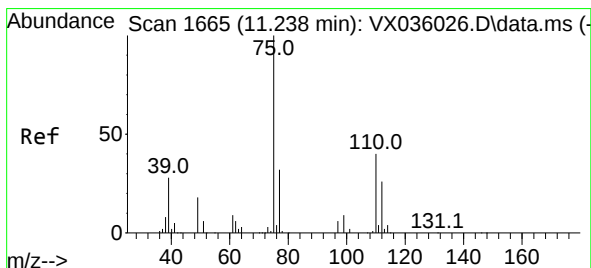
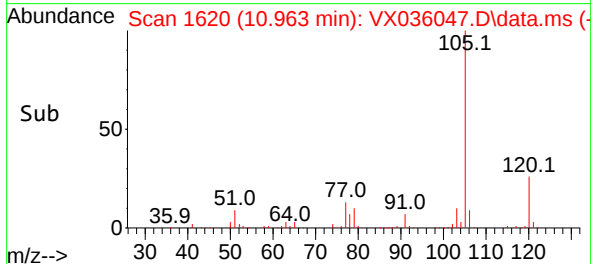
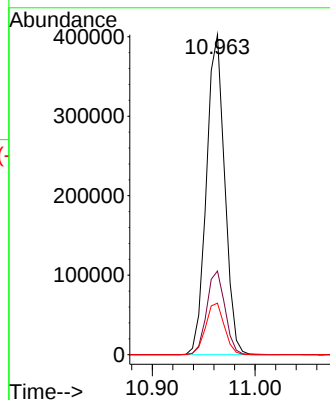
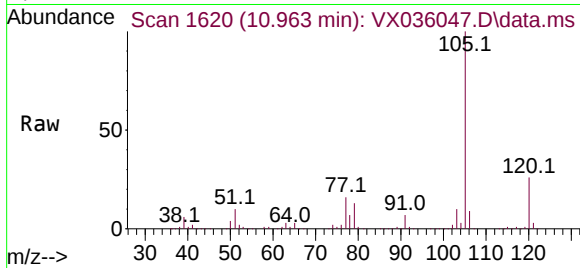




#60
Isopropylbenzene
Concen: 45.986 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

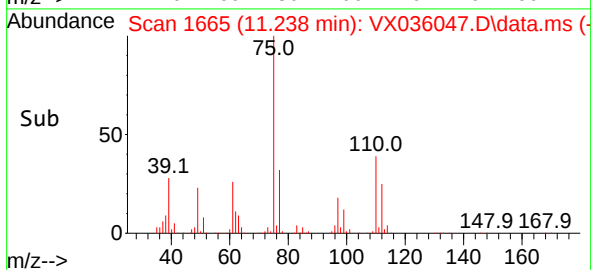
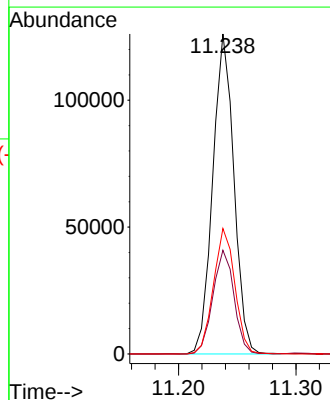
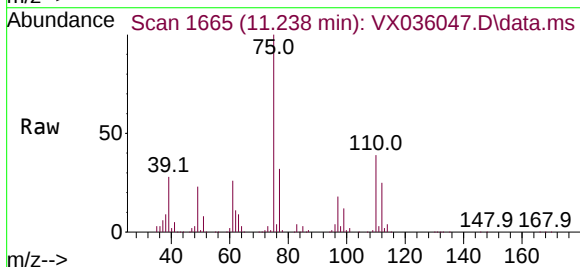
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

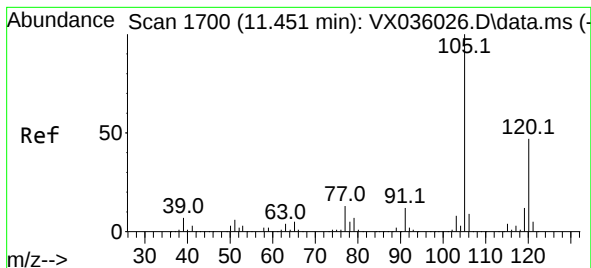
Tgt Ion:105 Resp: 496765
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.6 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 52.252 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion: 75 Resp: 157679
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
110 39.6 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 48.238 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

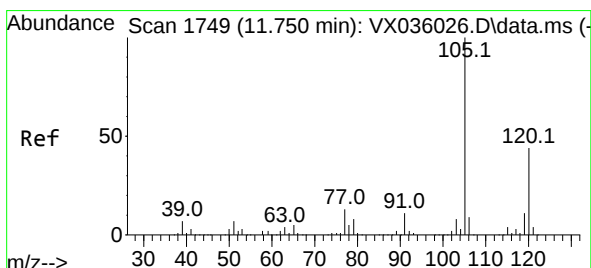
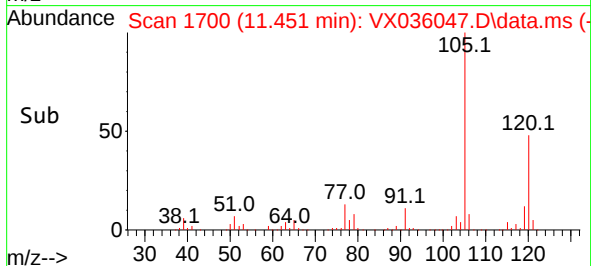
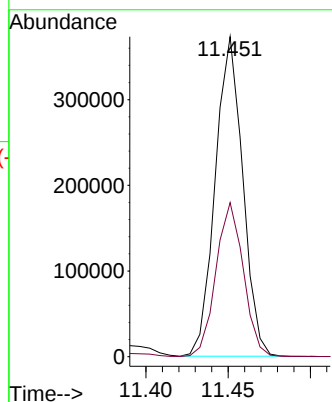
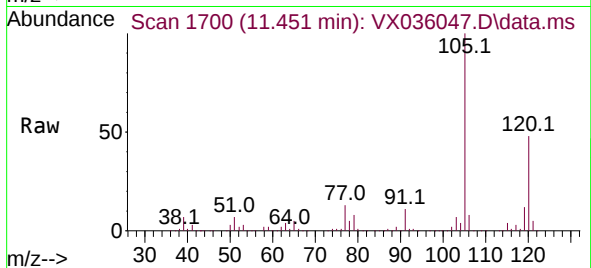
F6C08MSD

Tgt Ion:105 Resp: 433406

Ion Ratio Lower Upper

105 100

120 48.0 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 52.681 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036047.D

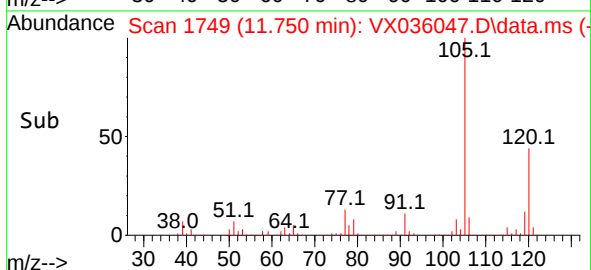
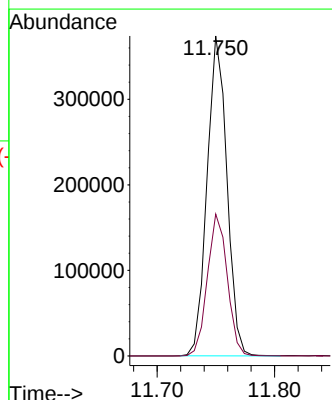
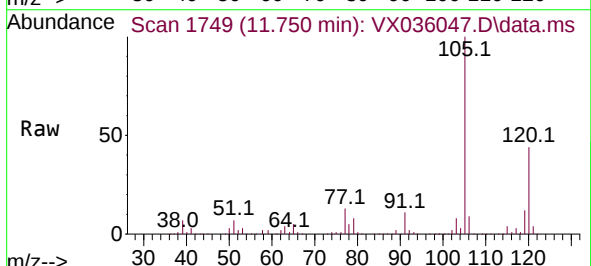
Acq: 06 Jun 2023 20:52

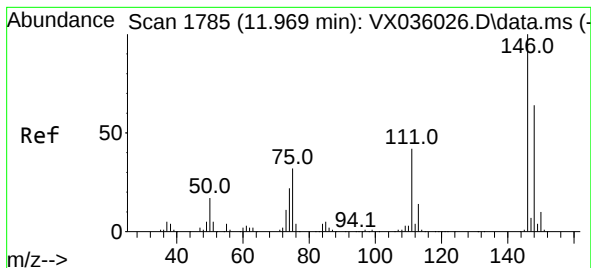
Tgt Ion:105 Resp: 438006

Ion Ratio Lower Upper

105 100

120 44.4 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 47.498 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

F6C08MSD

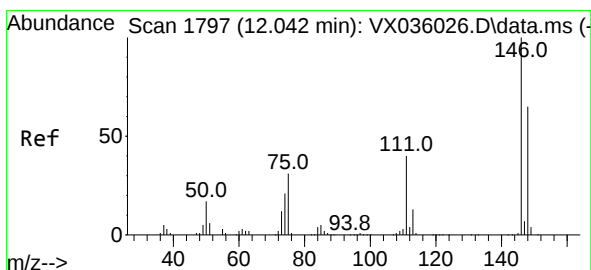
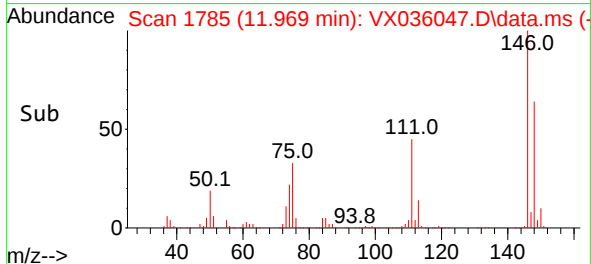
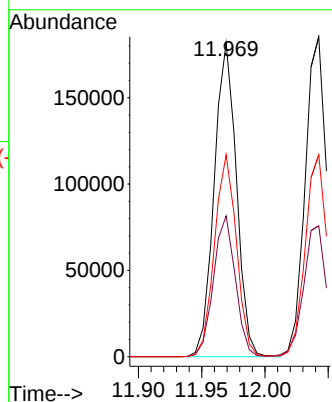
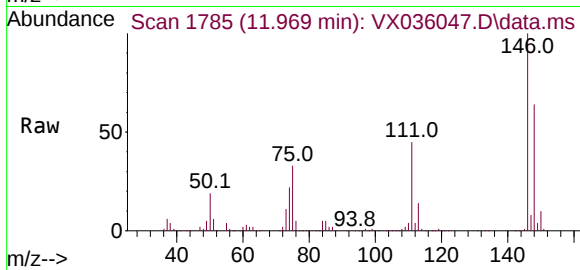
Tgt Ion:146 Resp: 222188

Ion Ratio Lower Upper

146 100

111 44.9 30.9 57.3

148 64.3 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 46.896 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

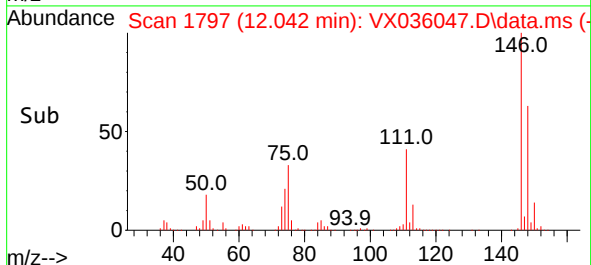
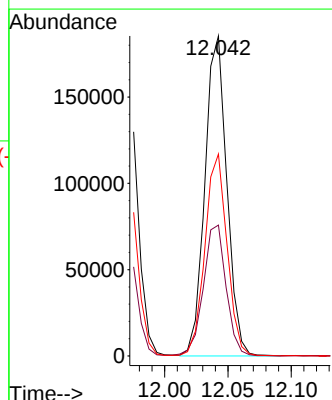
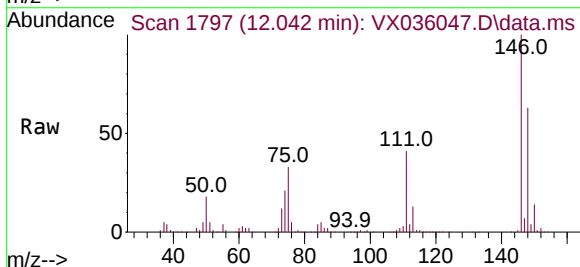
Tgt Ion:146 Resp: 224391

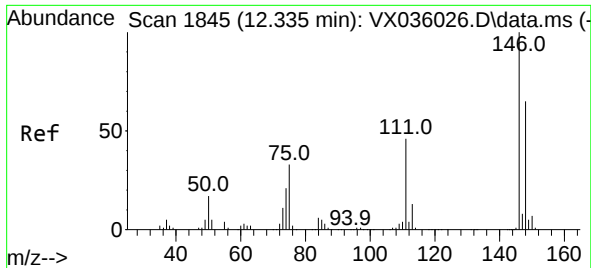
Ion Ratio Lower Upper

146 100

111 40.9 28.8 53.4

148 63.1 44.5 82.7

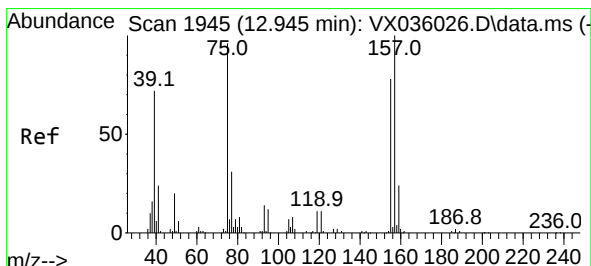
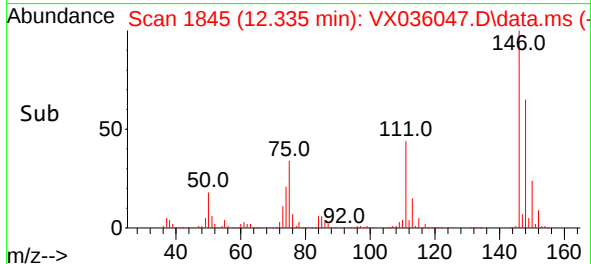
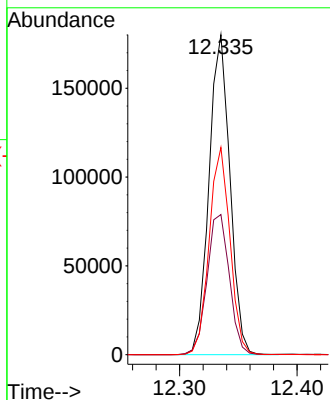
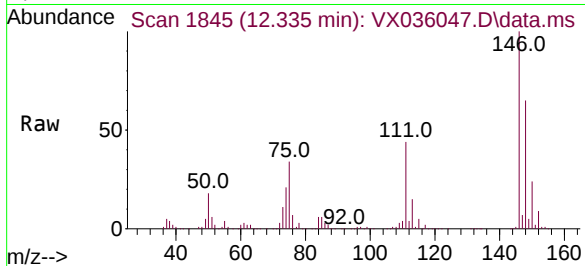




#67
1,2-Dichlorobenzene
Concen: 48.711 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

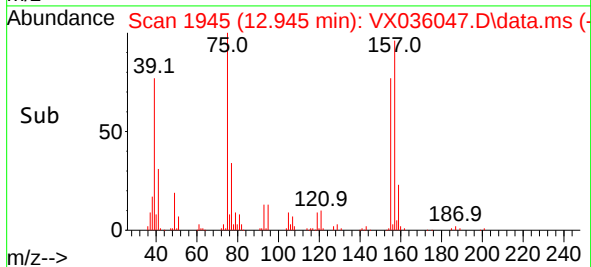
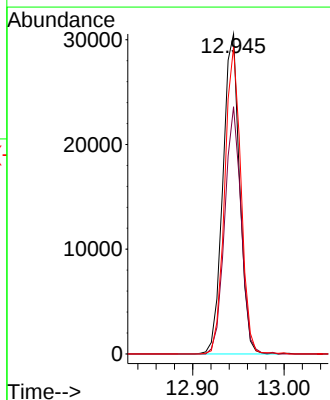
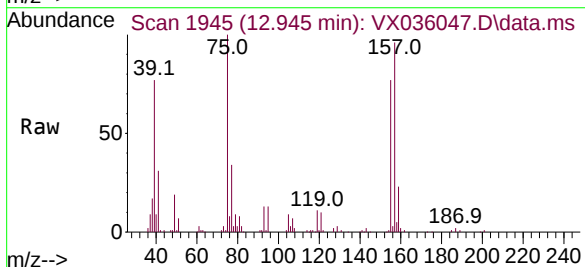
Instrument :
MSVOA_X
ClientSampleId :
F6C08MSD

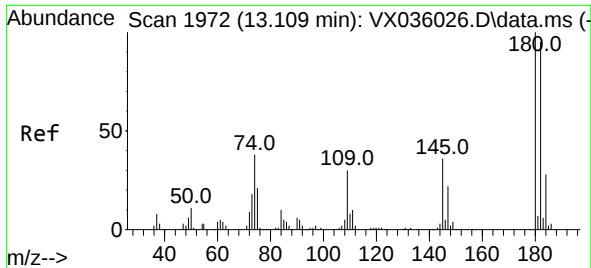
Tgt Ion:146 Resp: 222596
Ion Ratio Lower Upper
146 100
111 43.8 37.0 55.4
148 64.7 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 51.106 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX036047.D
Acq: 06 Jun 2023 20:52

Tgt Ion: 75 Resp: 38948
Ion Ratio Lower Upper
75 100
155 77.3 57.0 85.6
157 95.9 75.2 112.8

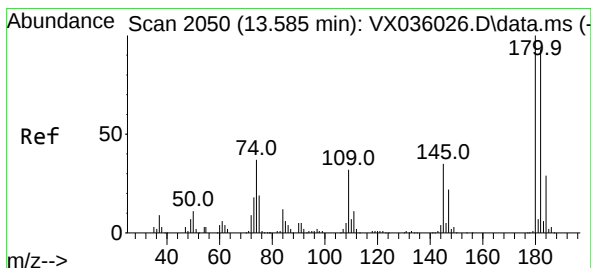
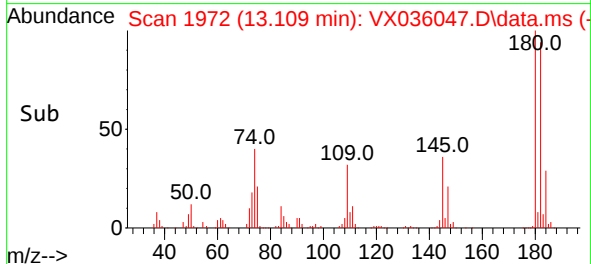
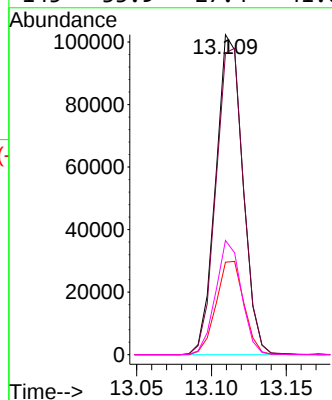
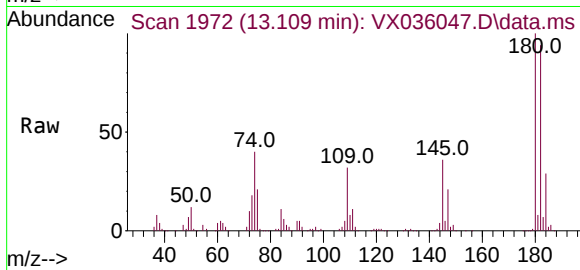




#69
 1,3,5-Trichlorobenzene
 Concen: 45.048 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

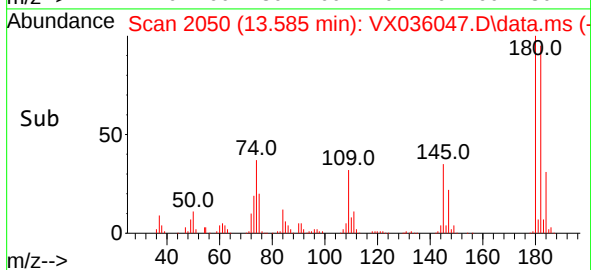
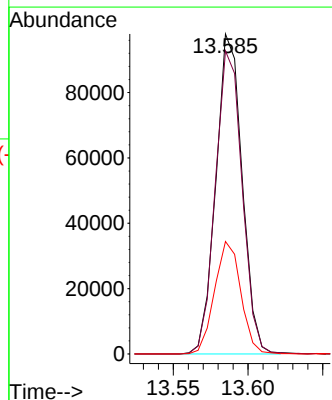
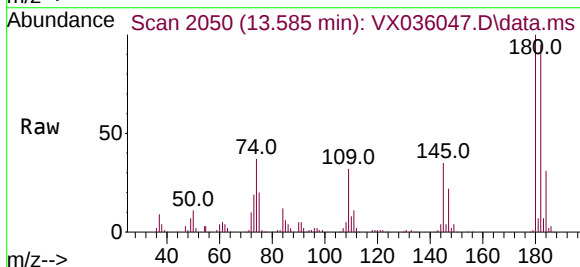
Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MSD

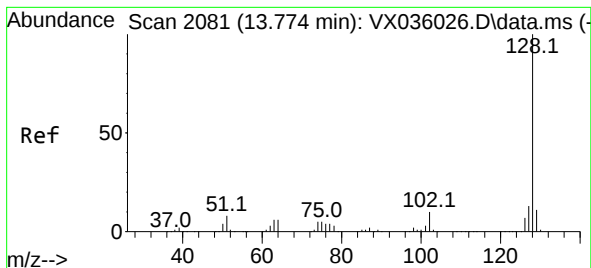
Tgt Ion:180 Resp: 128981
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.0 114.0
 184 30.0 23.8 35.8
 145 33.9 27.4 41.0



#70
 1,2,4-trichlorobenzene
 Concen: 45.696 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX036047.D
 Acq: 06 Jun 2023 20:52

Tgt Ion:180 Resp: 119514
 Ion Ratio Lower Upper
 180 100
 182 96.4 74.6 112.0
 145 35.1 28.6 42.8





#71

Naphthalene

Concen: 52.321 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :

F6C08MSD

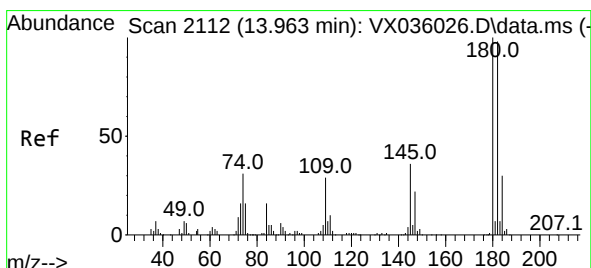
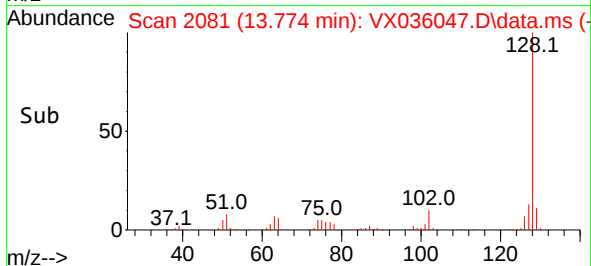
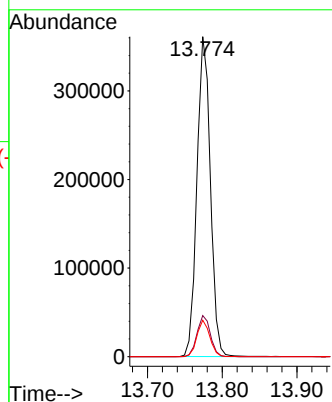
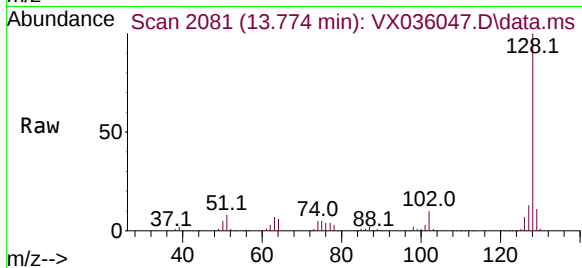
Tgt Ion:128 Resp: 450066

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 46.970 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036047.D

Acq: 06 Jun 2023 20:52

Tgt Ion:180 Resp: 122155

Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.2

145 35.5 29.4 44.0

