

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030916.D
 Acq On : 28 Apr 2023 12:51
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

Quant Time: Apr 29 01:01:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:55:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	150098	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	143366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	83069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	61618	4.983	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.536	69	49365	4.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.063	65	30817	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.841	46	99173	45.223	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.440%
24) Chloroform-d	4.259	84	120090	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.953	65	61901	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.970	84	213888	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	5.998	67	58746	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.249	98	206535	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	7.561	79	23995	5.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.037	63	82501	51.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.820%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44227	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	78609	5.077	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	54049	4.558	ug/L	100
3) Chloromethane	1.217	50	62321	4.478	ug/L	99
5) Vinyl chloride	1.285	62	55387	4.756	ug/L	98
6) Bromomethane	1.491	94	24381	4.395	ug/L	96
8) Chloroethane	1.555	64	31452	4.437	ug/L	97
9) Trichlorofluoromethane	1.716	101	95177	4.429	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	47846	4.362	ug/L	97
12) 1,1-Dichloroethene	2.073	96	44464	4.402	ug/L	96
13) Acetone	2.163	43	34817	18.587	ug/L	63
14) Carbon disulfide	2.246	76	122303	4.627	ug/L	98
15) Methyl Acetate	2.397	43	10948	2.873	ug/L #	76
16) Methylene chloride	2.455	84	44198	3.868	ug/L	97
17) Methyl tert-butyl Ether	2.716	73	90742	4.719	ug/L	96
18) trans-1,2-Dichloroethene	2.700	96	40992	4.443	ug/L	95
19) 1,1-Dichloroethane	3.121	63	80366	4.511	ug/L	98
21) 2-Butanone	3.912	43	79570	38.624	ug/L	87
22) cis-1,2-Dichloroethene	3.825	96	44062	4.526	ug/L	94
23) Bromochloromethane	4.159	128	19856	4.332	ug/L	91
25) Chloroform	4.285	83	87014	4.552	ug/L	98

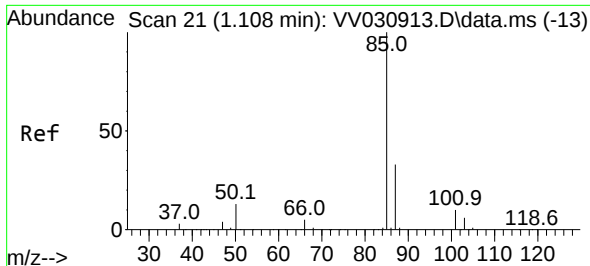
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030916.D
 Acq On : 28 Apr 2023 12:51
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

Quant Time: Apr 29 01:01:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:55:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	57269	4.773	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	83823	4.653	ug/L	98
30) Cyclohexane	4.590	56	63661	4.679	ug/L	99
31) Carbon tetrachloride	4.744	117	74454	4.601	ug/L	98
33) Benzene	5.018	78	171866	4.766	ug/L	100
34) Trichloroethene	5.841	95	44909	4.672	ug/L	99
35) Methylcyclohexane	6.056	83	69584	4.671	ug/L	99
37) 1,2-Dichloropropane	6.101	63	43632	5.101	ug/L	100
38) Bromodichloromethane	6.442	83	57163	4.566	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	59116	4.614	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	222907	50.296	ug/L	98
42) Toluene	7.323	91	189756	4.887	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	52592	4.818	ug/L	94
45) 1,1,2-Trichloroethane	7.780	97	27998	4.411	ug/L	95
47) Tetrachloroethene	7.912	164	41835	4.562	ug/L	100
48) 2-Hexanone	8.088	43	172032	50.609	ug/L	97
49) Dibromochloromethane	8.185	129	37483	4.694	ug/L	96
50) 1,2-Dibromoethane	8.291	107	26924	4.756	ug/L	98
51) Chlorobenzene	8.821	112	123181	4.680	ug/L	96
52) Ethylbenzene	8.953	91	200892	4.746	ug/L	100
53) m,p-Xylene	9.079	106	77425	4.584	ug/L	97
54) o-Xylene	9.484	106	76163	4.738	ug/L	100
55) Styrene	9.503	104	131397	4.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	33138	4.671	ug/L	98
59) Bromoform	9.674	173	22097	4.519	ug/L	97
60) Isopropylbenzene	9.873	105	205676	4.592	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	23467	4.497	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	165069	4.527	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	167727	4.540	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	108252	4.706	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	109566	4.722	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	99297	4.801	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	6024	4.548	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	87445	4.801	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	69545	4.969	ug/L	97
71) Naphthalene	13.448	128	107323	5.348	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	62180	5.248	ug/L	98

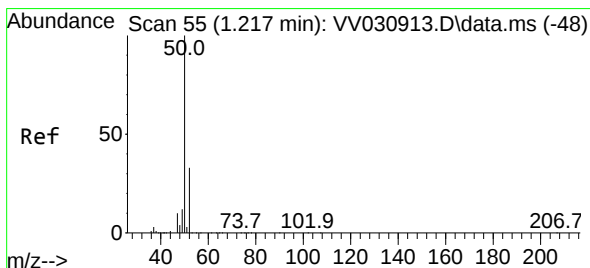
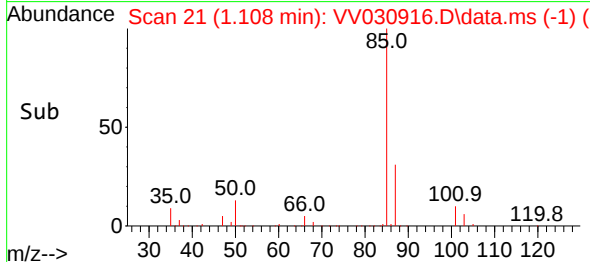
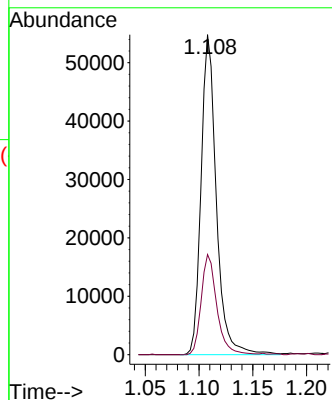
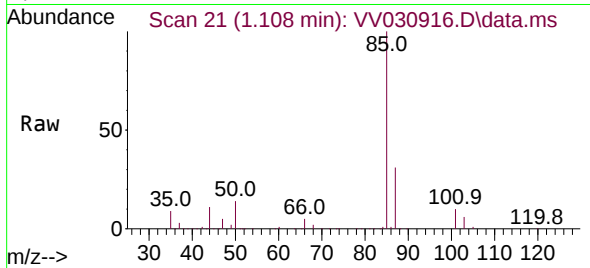
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.558 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030916.D
 Acq: 28 Apr 2023 12:51

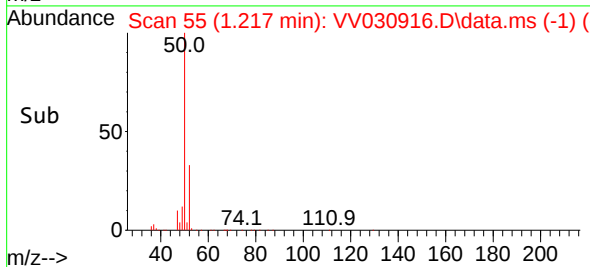
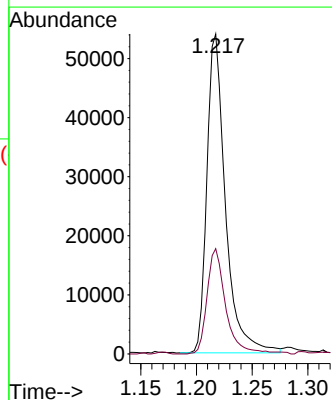
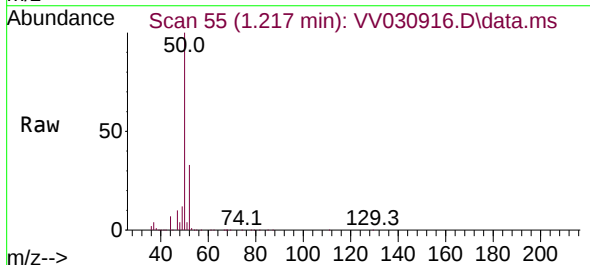
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

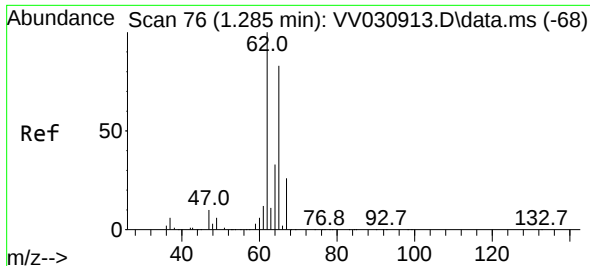
Tgt Ion: 85 Resp: 54049
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 4.478 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030916.D
 Acq: 28 Apr 2023 12:51

Tgt Ion: 50 Resp: 62321
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.8 42.4

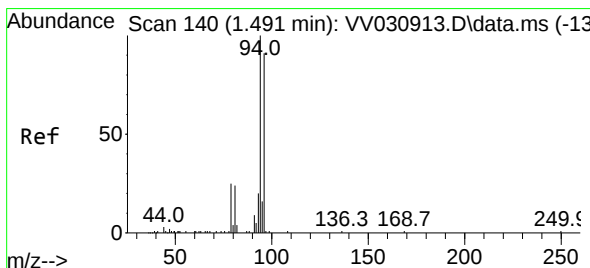
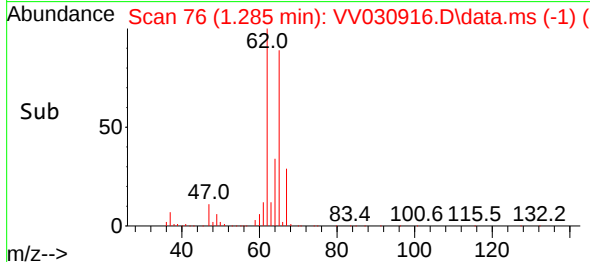
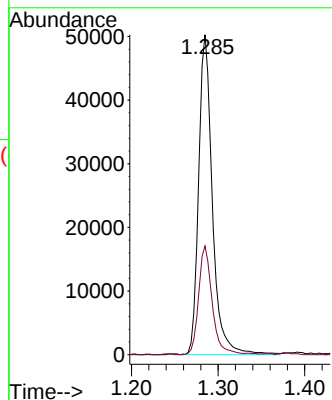
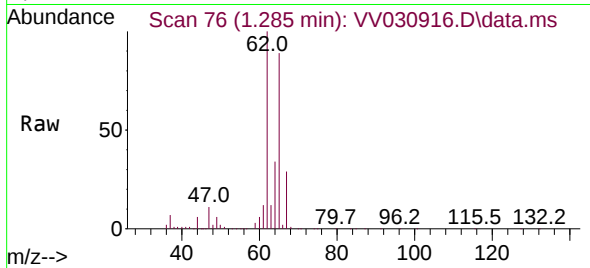




#5
 Vinyl chloride
 Concen: 4.756 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030916.D
 Acq: 28 Apr 2023 12:51

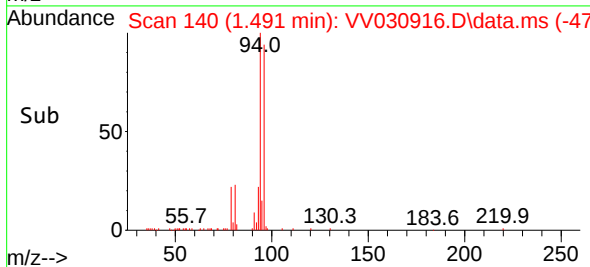
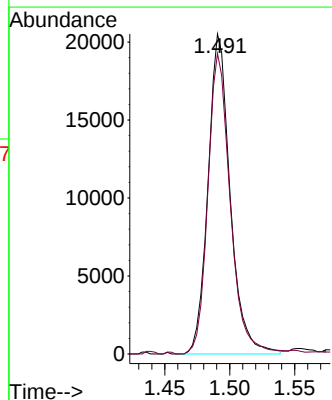
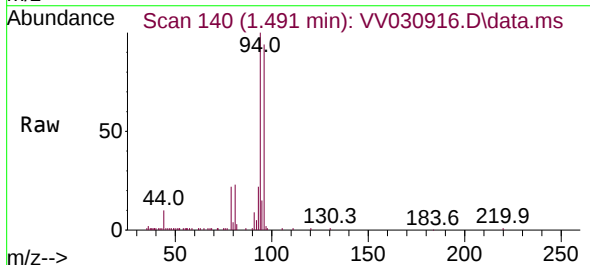
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

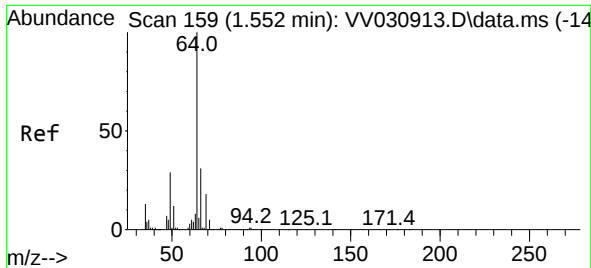
Tgt Ion: 62 Resp: 55387
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.8 42.4



#6
 Bromomethane
 Concen: 4.395 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030916.D
 Acq: 28 Apr 2023 12:51

Tgt Ion: 94 Resp: 24381
 Ion Ratio Lower Upper
 94 100
 96 93.9 63.4 117.8

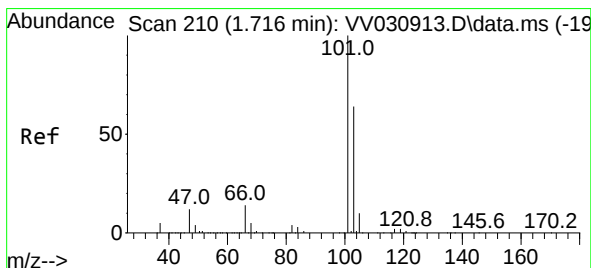
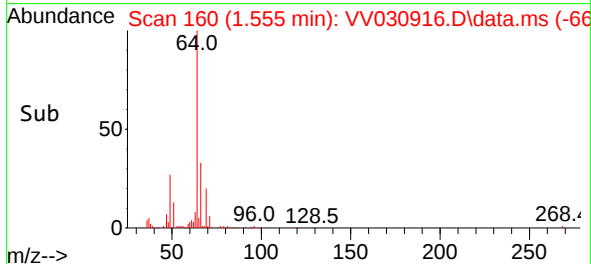
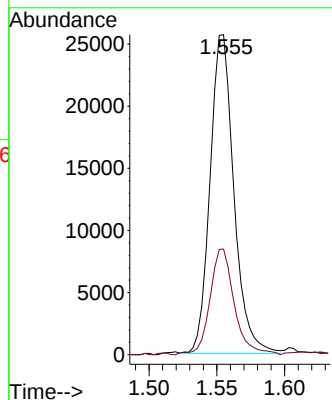
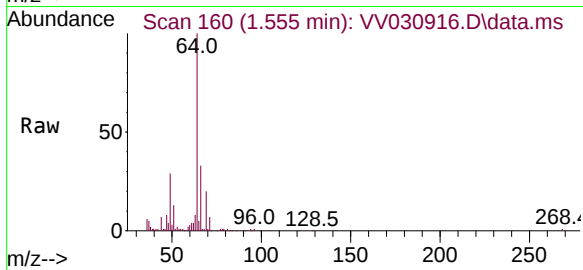




#8
Chloroethane
Concen: 4.437 ug/L
RT: 1.555 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

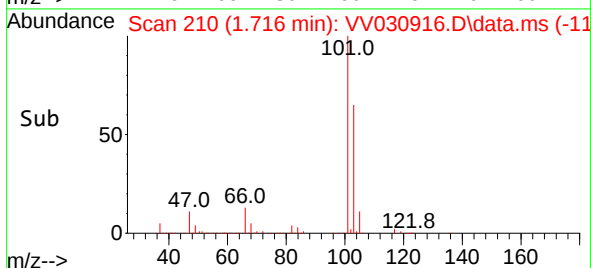
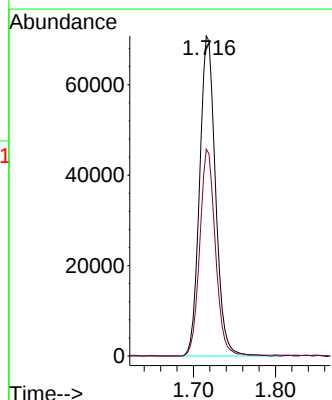
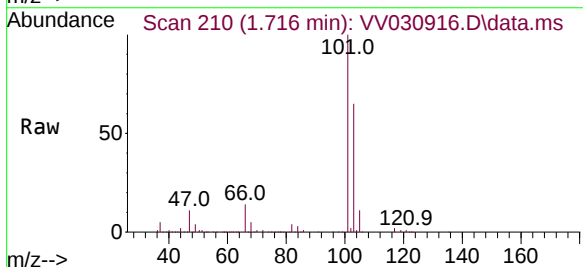
Instrument :
MSVOA_V
ClientSampleId :
VICV238

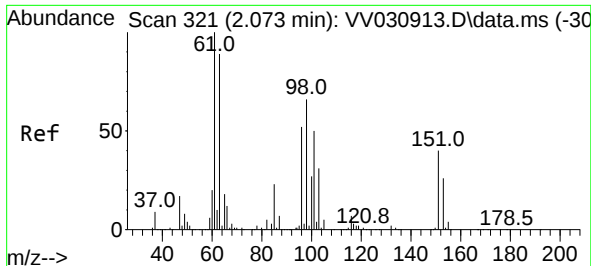
Tgt Ion: 64 Resp: 31452
Ion Ratio Lower Upper
64 100
66 33.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.429 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion:101 Resp: 95177
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.8

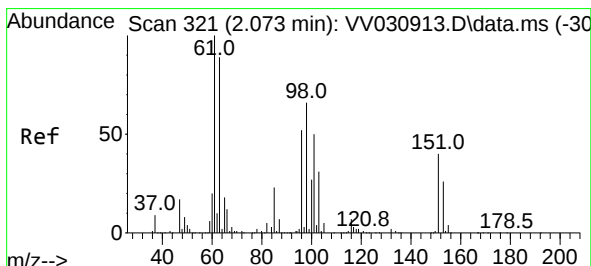
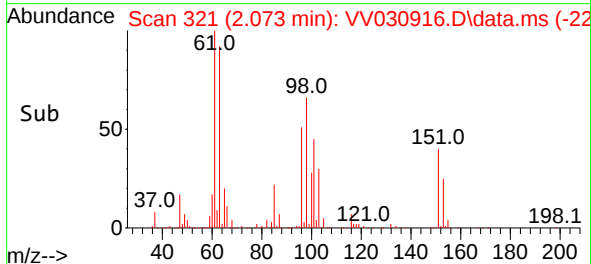
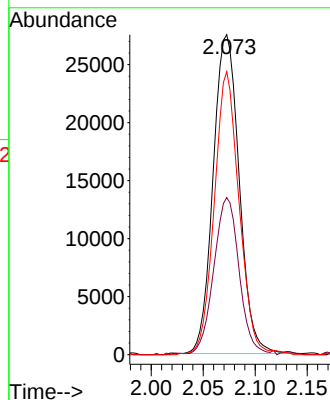
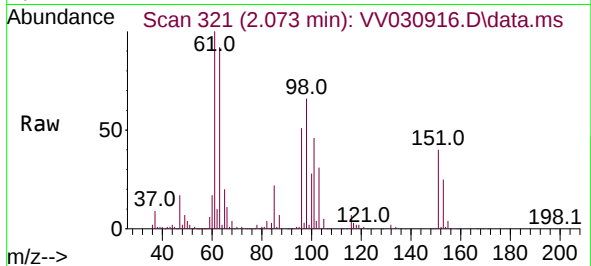




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.362 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030916.D
 Acq: 28 Apr 2023 12:51

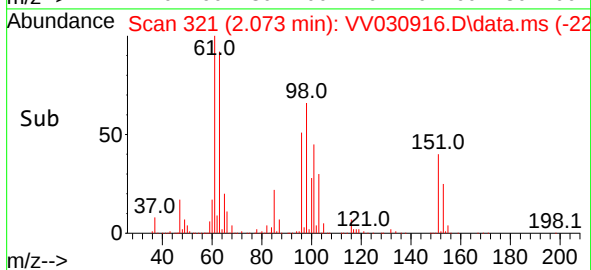
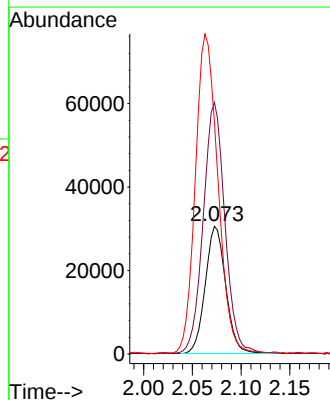
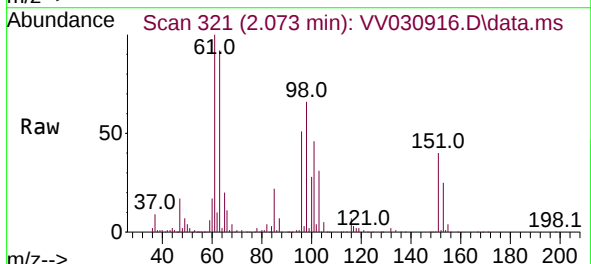
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

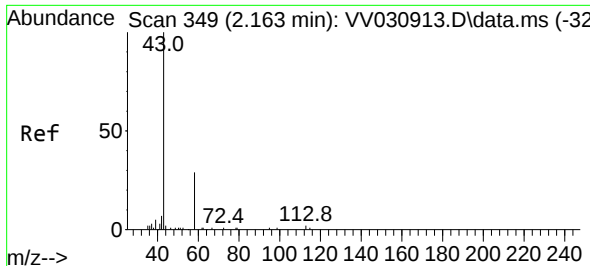
Tgt Ion:101 Resp: 47846
 Ion Ratio Lower Upper
 101 100
 85 47.1 38.7 58.1
 151 85.0 65.1 97.7



#12
 1,1-Dichloroethene
 Concen: 4.402 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030916.D
 Acq: 28 Apr 2023 12:51

Tgt Ion: 96 Resp: 44464
 Ion Ratio Lower Upper
 96 100
 61 196.9 135.6 251.8
 63 181.1 121.1 224.9





#13

Acetone

Concen: 18.587 ug/L

RT: 2.163 min Scan# 349

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

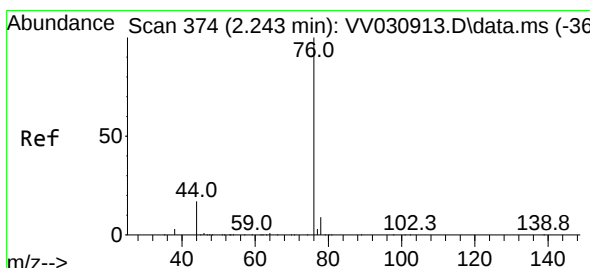
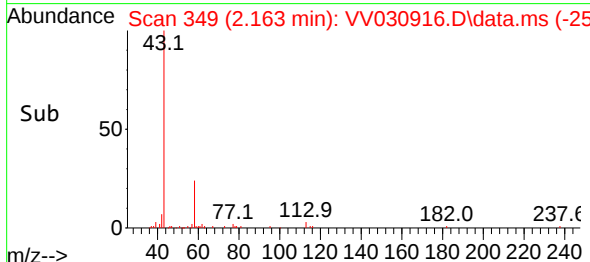
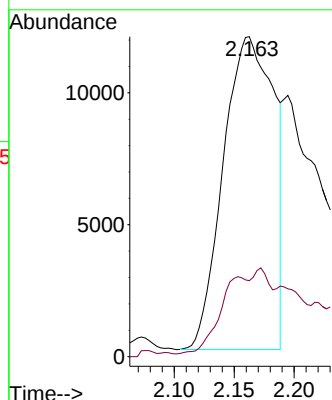
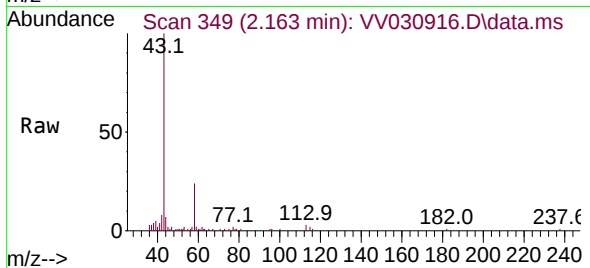
VICV238

Tgt Ion: 43 Resp: 34817

Ion Ratio Lower Upper

43 100

58 2.2 0.0 37.0



#14

Carbon disulfide

Concen: 4.627 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV030916.D

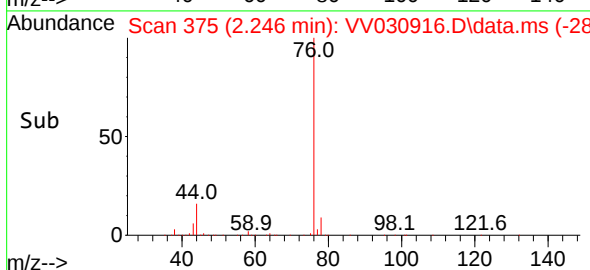
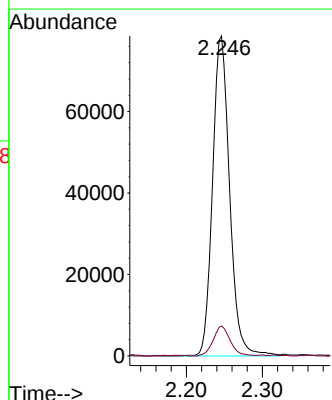
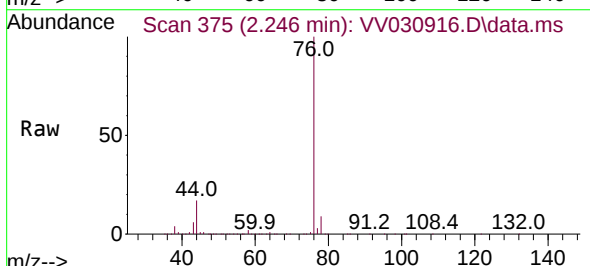
Acq: 28 Apr 2023 12:51

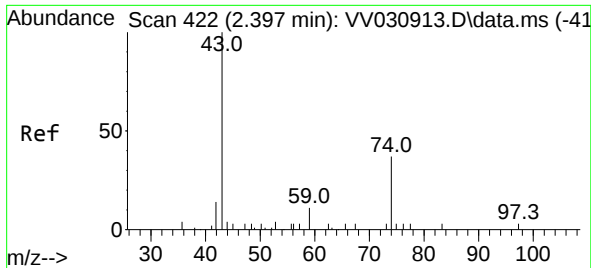
Tgt Ion: 76 Resp: 122303

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

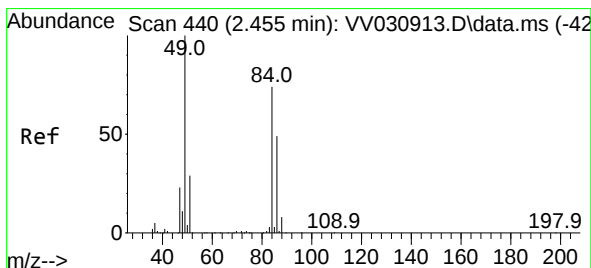
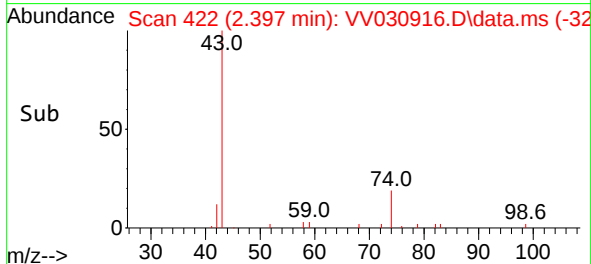
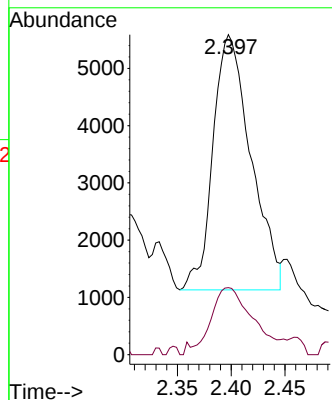
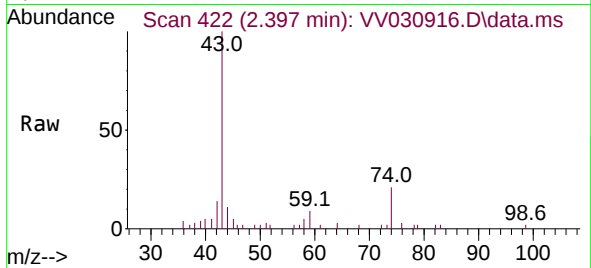




#15
Methyl Acetate
Concen: 2.873 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

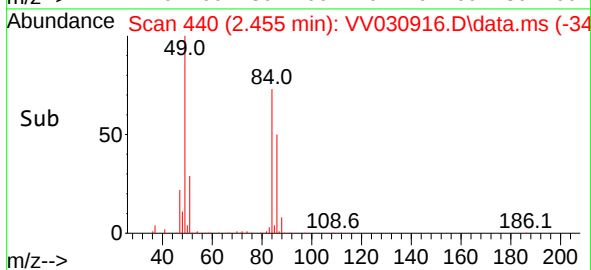
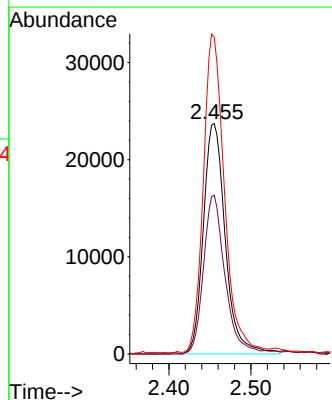
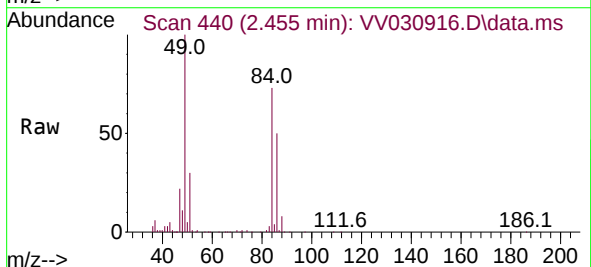
Instrument :
MSVOA_V
ClientSampleId :
VICV238

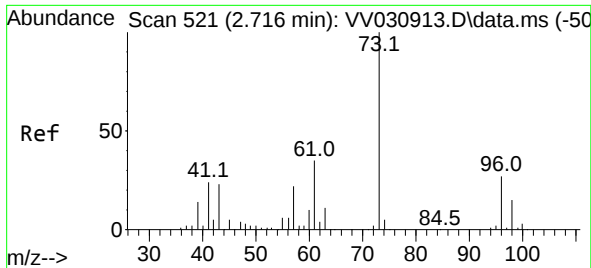
Tgt Ion: 43 Resp: 10948
Ion Ratio Lower Upper
43 100
74 29.5 15.0 22.6#



#16
Methylene chloride
Concen: 3.868 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion: 84 Resp: 44198
Ion Ratio Lower Upper
84 100
86 68.9 46.1 85.5
49 137.4 94.3 175.1

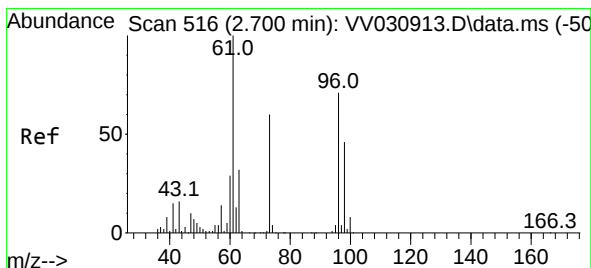
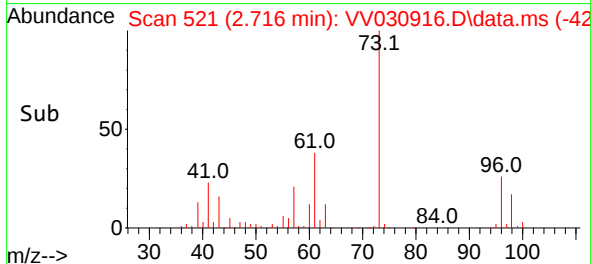
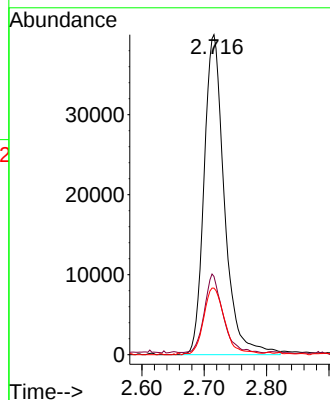
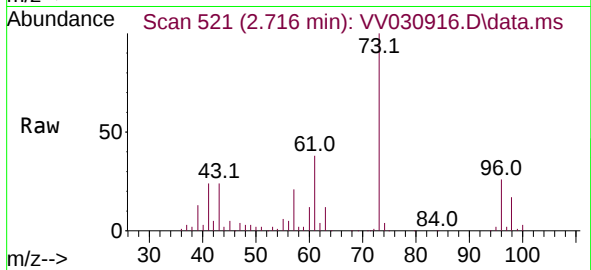




#17
Methyl tert-butyl Ether
Concen: 4.719 ug/L
RT: 2.716 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

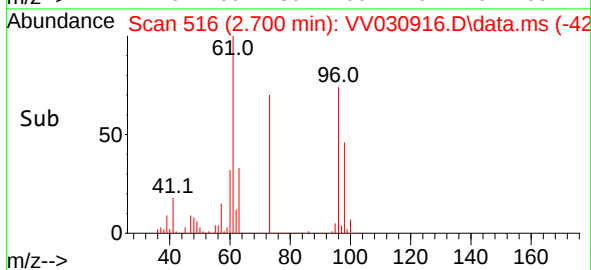
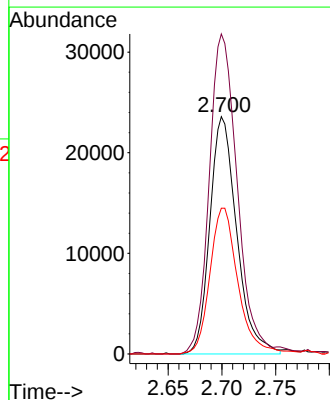
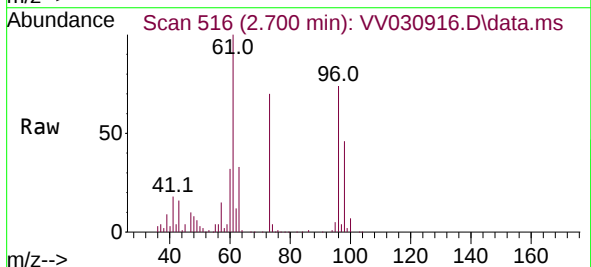
Instrument :
MSVOA_V
ClientSampleId :
VICV238

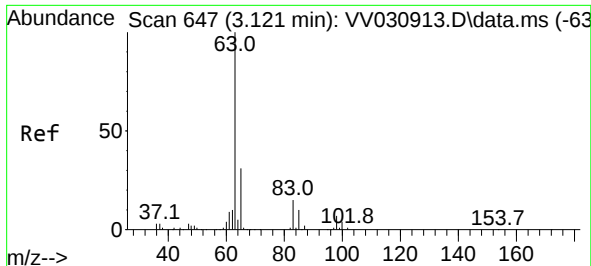
Tgt Ion: 73 Resp: 90742
Ion Ratio Lower Upper
73 100
43 22.5 19.9 29.9
57 21.7 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.443 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion: 96 Resp: 40992
Ion Ratio Lower Upper
96 100
61 134.9 98.9 183.7
98 61.4 46.0 85.4

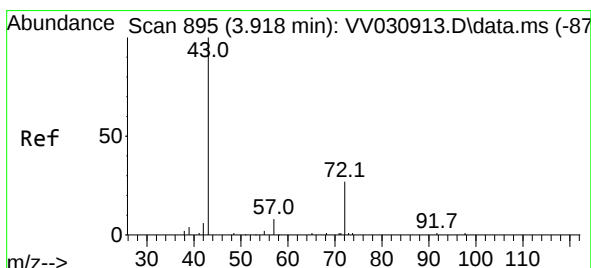
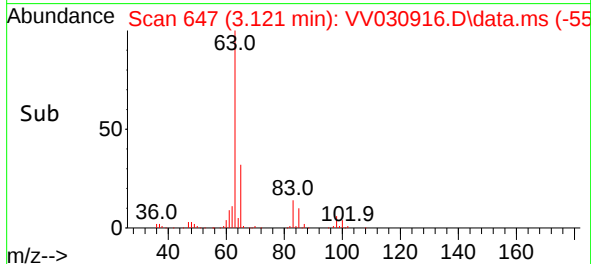
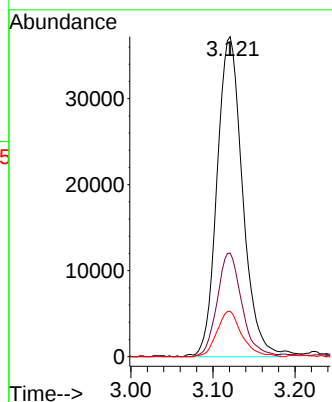
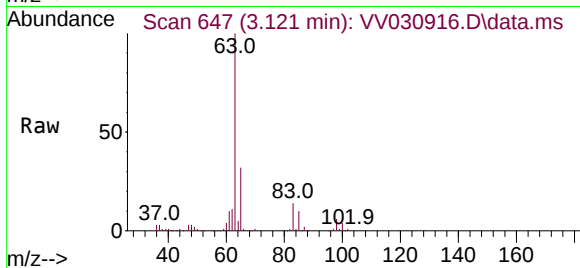




#19
1,1-Dichloroethane
Concen: 4.511 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

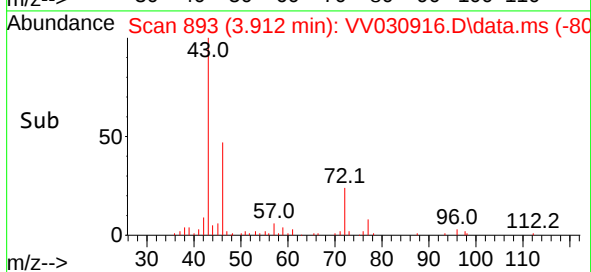
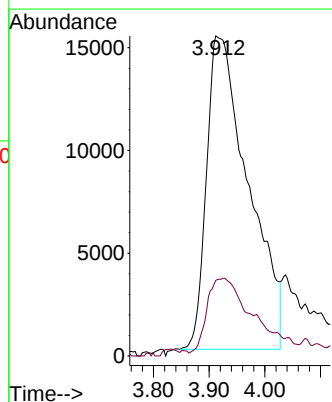
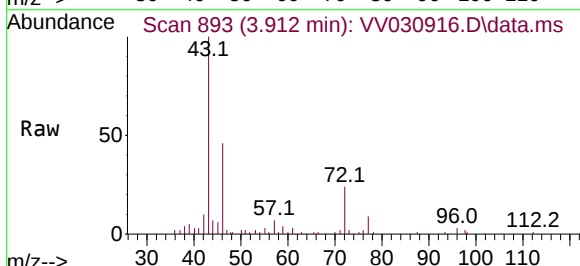
Instrument :
MSVOA_V
ClientSampleId :
VICV238

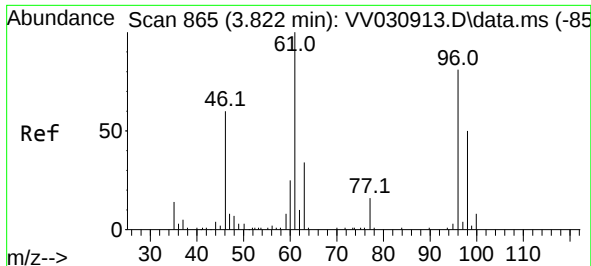
Tgt Ion: 63	Resp: 80366
Ion Ratio	Lower Upper
63 100	
65 32.4	21.8 40.6
83 14.2	10.2 19.0



#21
2-Butanone
Concen: 38.624 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.006 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion: 43	Resp: 79570
Ion Ratio	Lower Upper
43 100	
72 25.2	9.6 28.6

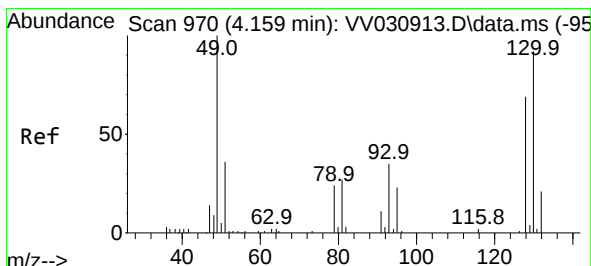
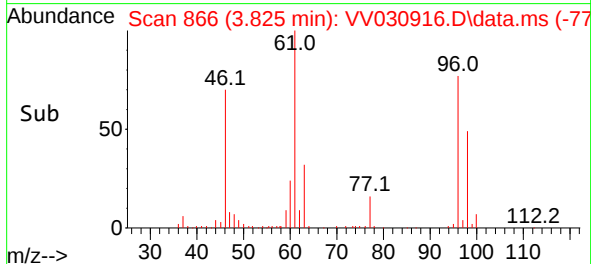
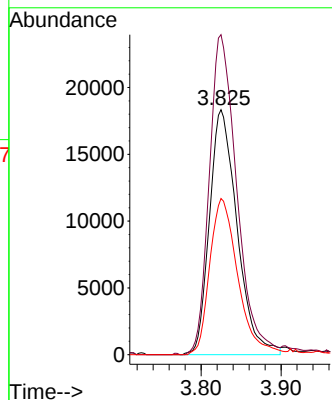
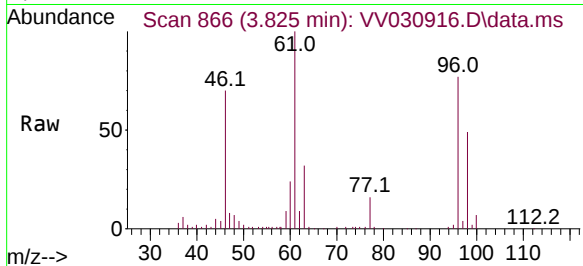




#22
cis-1,2-Dichloroethene
Concen: 4.526 ug/L
RT: 3.825 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

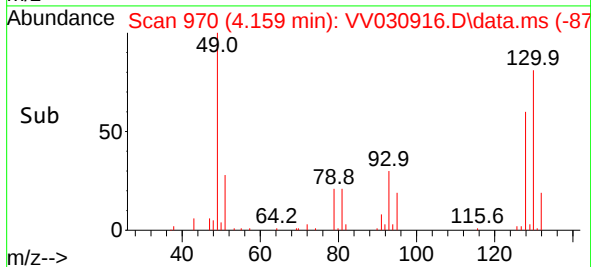
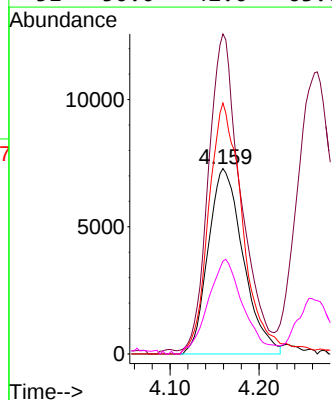
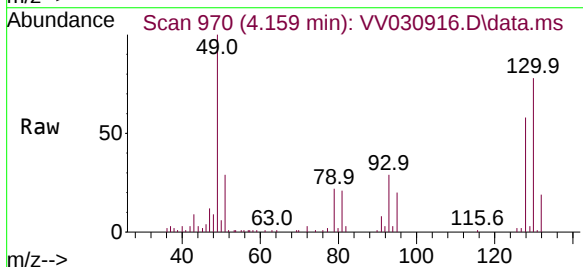
Instrument :
MSVOA_V
ClientSampleId :
VICV238

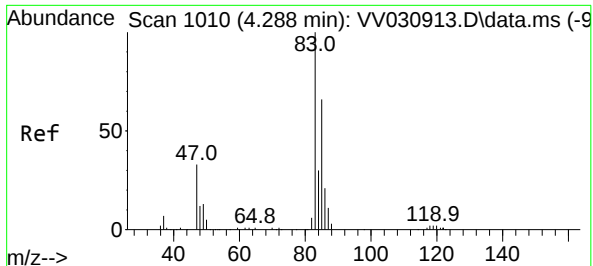
Tgt Ion: 96 Resp: 44062
Ion Ratio Lower Upper
96 100
61 130.6 86.0 159.6
98 63.7 43.2 80.2



#23
Bromochloromethane
Concen: 4.332 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion:128 Resp: 19856
Ion Ratio Lower Upper
128 100
49 172.6 104.7 194.5
130 135.3 93.4 173.4
51 50.0 42.0 63.0





#25

Chloroform

Concen: 4.552 ug/L

RT: 4.285 min Scan# 1010

Delta R.T. -0.003 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

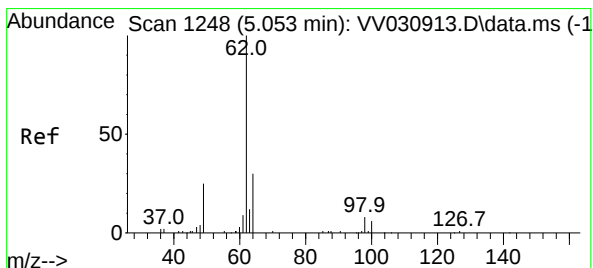
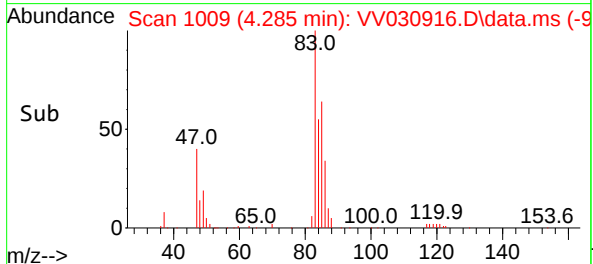
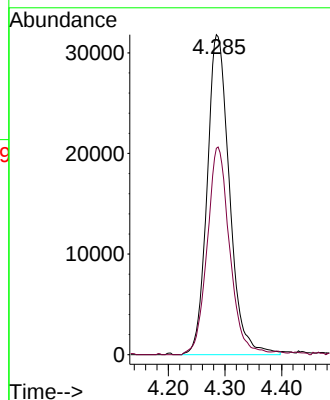
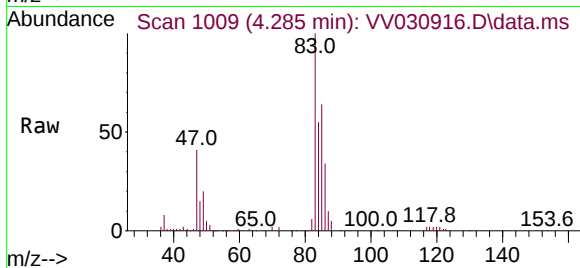
VICV238

Tgt Ion: 83 Resp: 87014

Ion Ratio Lower Upper

83 100

85 64.5 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.773 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VV030916.D

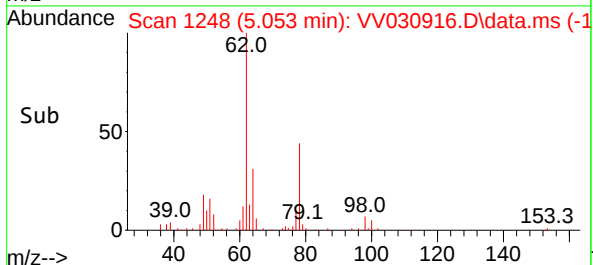
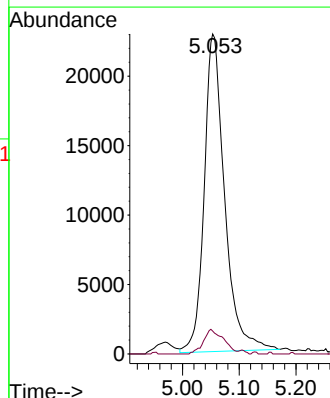
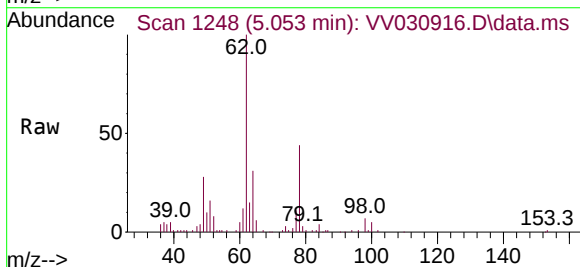
Acq: 28 Apr 2023 12:51

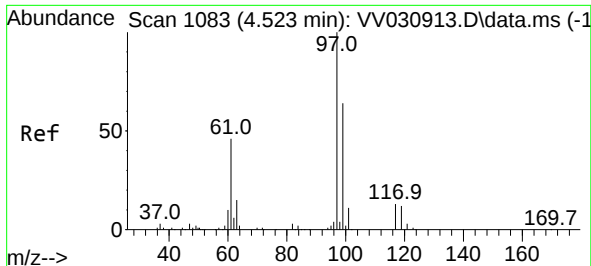
Tgt Ion: 62 Resp: 57269

Ion Ratio Lower Upper

62 100

98 7.2 6.0 9.0





#29

1,1,1-Trichloroethane

Concen: 4.653 ug/L

RT: 4.523 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

VICV238

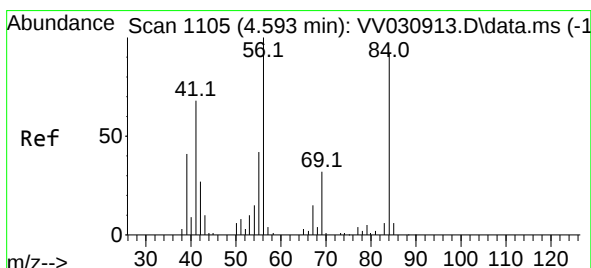
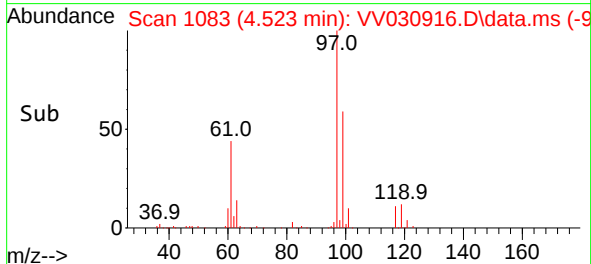
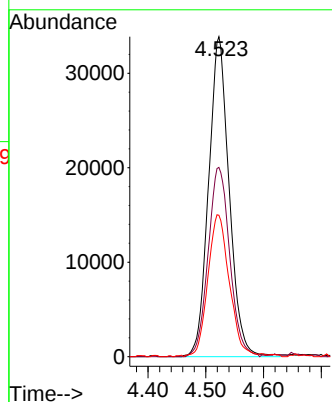
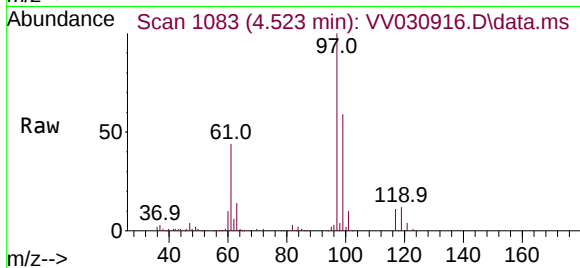
Tgt Ion: 97 Resp: 83823

Ion Ratio Lower Upper

97 100

99 62.1 51.4 77.2

61 46.2 37.4 56.0



#30

Cyclohexane

Concen: 4.679 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

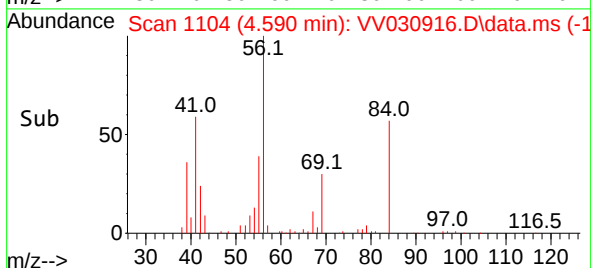
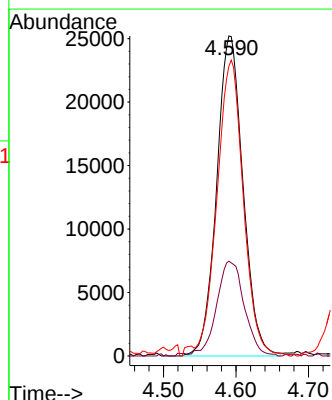
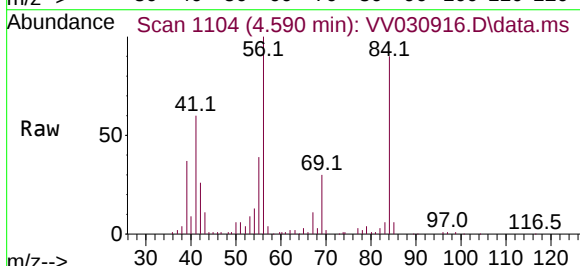
Tgt Ion: 56 Resp: 63661

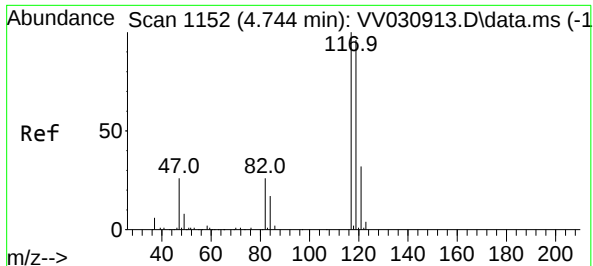
Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.6

84 91.6 74.2 111.2

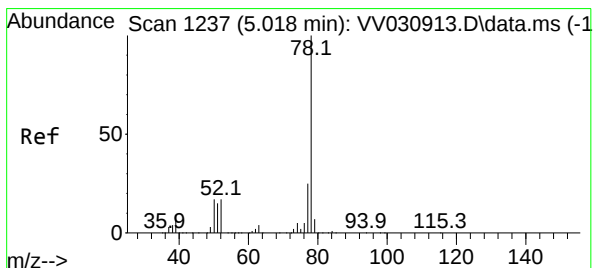
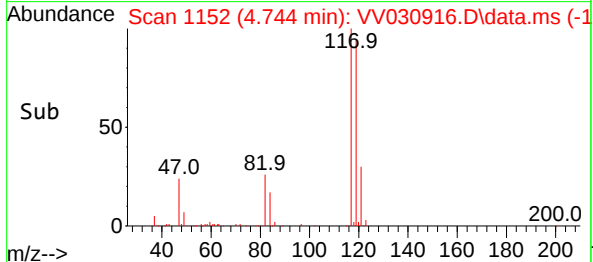
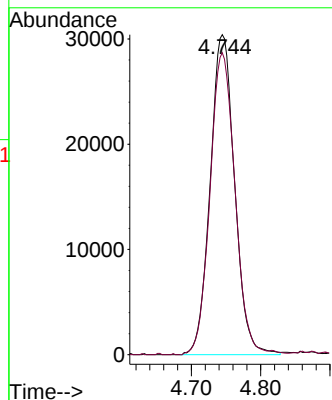
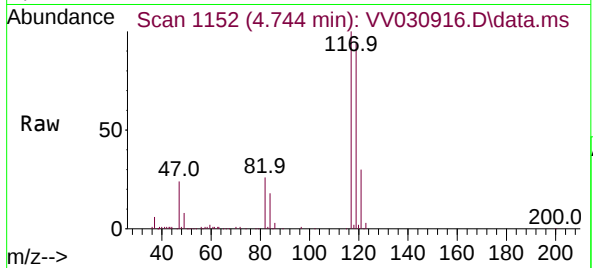




#31
Carbon tetrachloride
Concen: 4.601 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

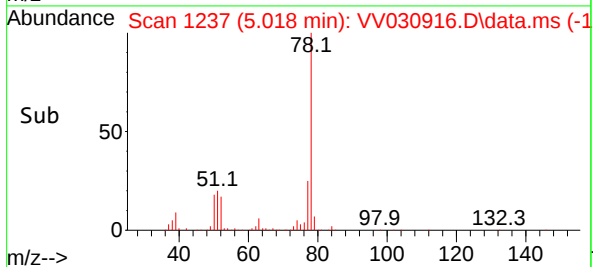
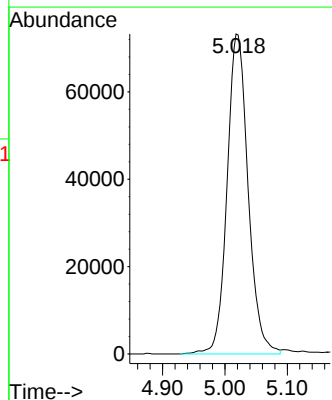
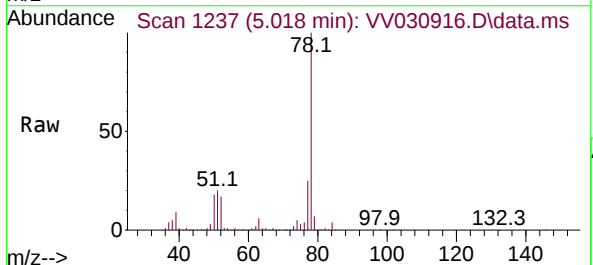
Instrument : MSVOA_V
ClientSampleId : VICV238

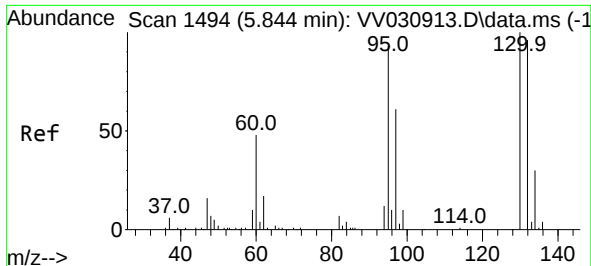
Tgt Ion:117 Resp: 74454
Ion Ratio Lower Upper
117 100
119 96.0 78.4 117.6



#33
Benzene
Concen: 4.766 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion: 78 Resp: 171866

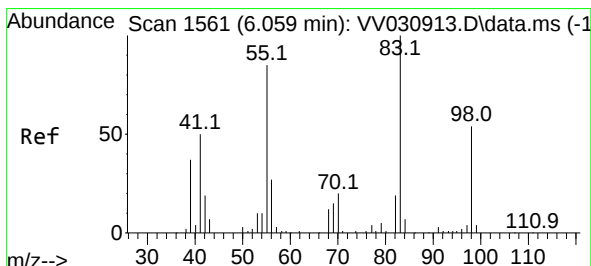
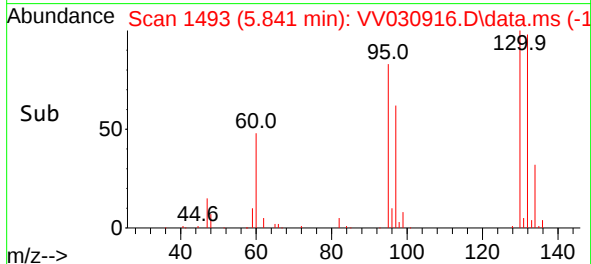
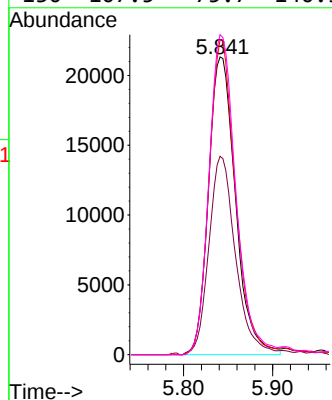
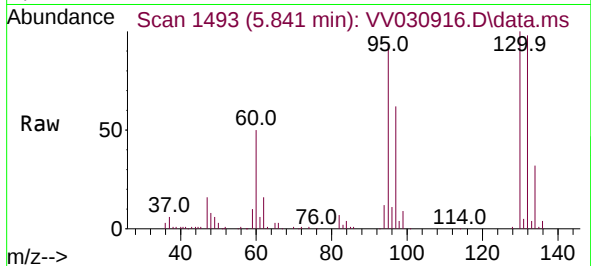




#34
Trichloroethene
Concen: 4.672 ug/L
RT: 5.841 min Scan# 1494
Delta R.T. -0.003 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

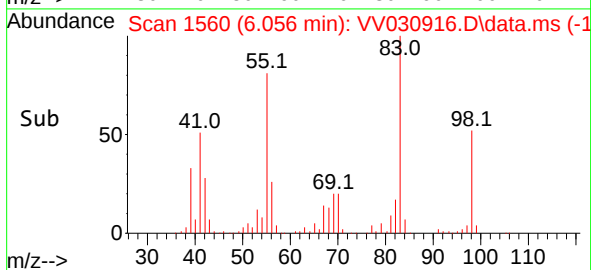
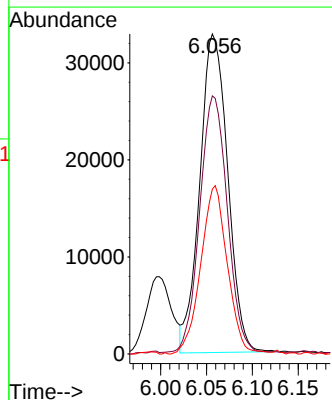
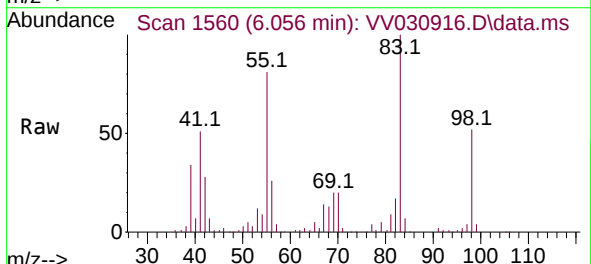
Instrument :
MSVOA_V
ClientSampleId :
VICV238

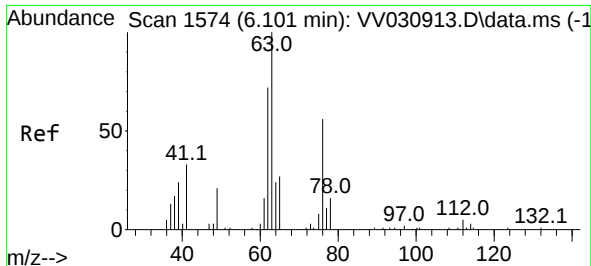
Tgt Ion: 95 Resp: 44909
Ion Ratio Lower Upper
95 100
97 66.6 46.2 85.8
132 105.8 72.7 135.1
130 107.5 75.7 140.5



#35
Methylcyclohexane
Concen: 4.671 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion: 83 Resp: 69584
Ion Ratio Lower Upper
83 100
55 79.4 62.9 94.3
98 50.3 40.5 60.7





#37

1,2-Dichloropropane

Concen: 5.101 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

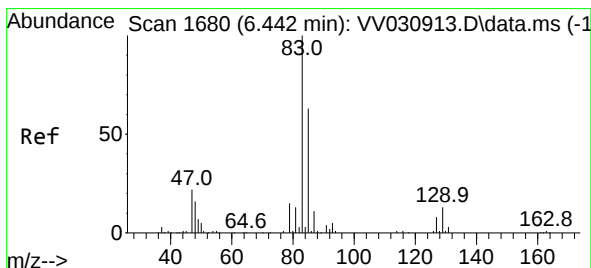
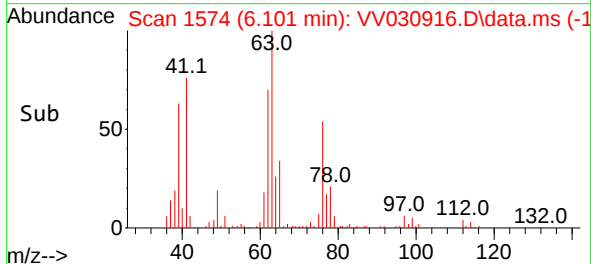
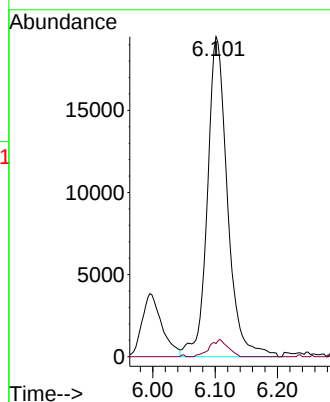
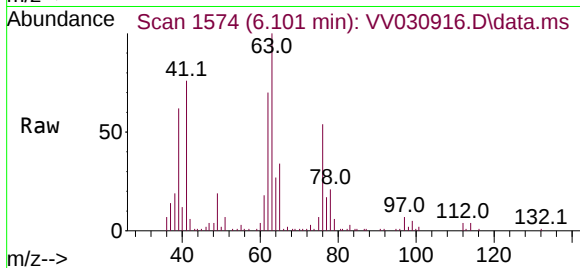
VICV238

Tgt Ion: 63 Resp: 43632

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 4.566 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

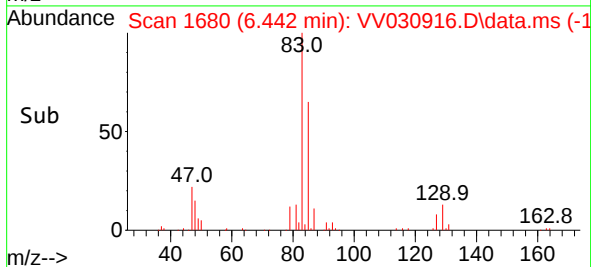
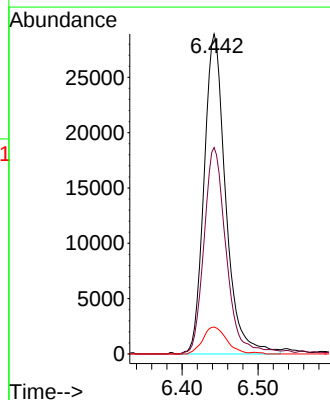
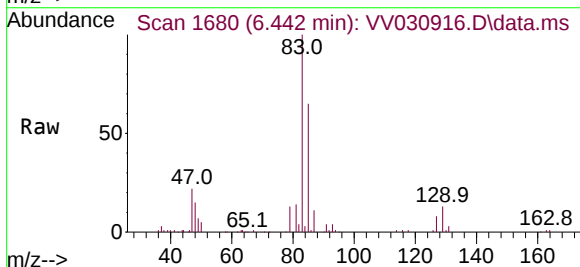
Tgt Ion: 83 Resp: 57163

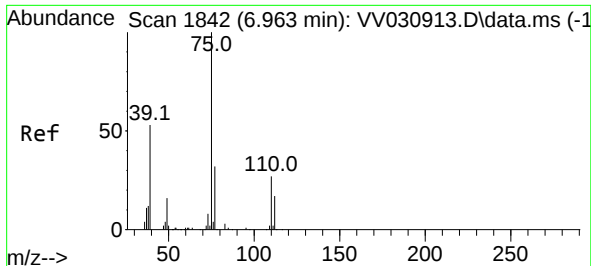
Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.614 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

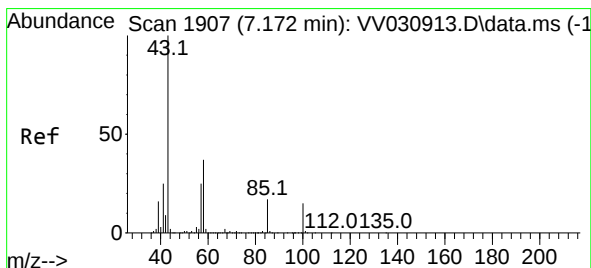
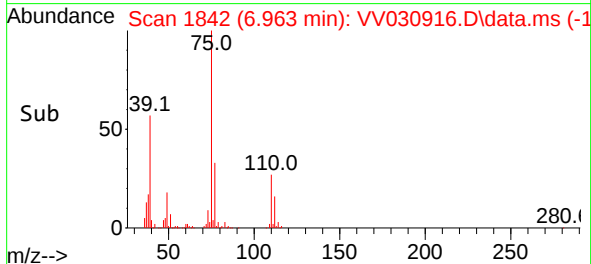
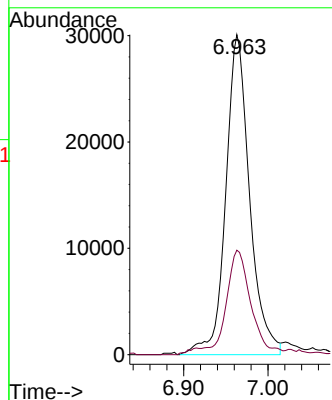
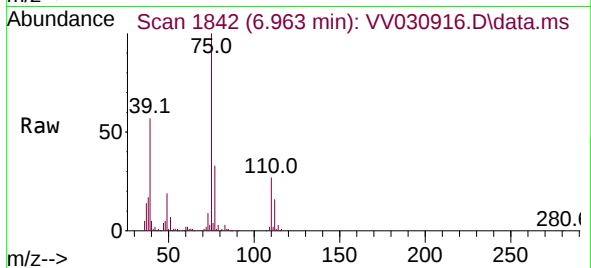
VICV238

Tgt Ion: 75 Resp: 59116

Ion Ratio Lower Upper

75 100

77 32.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 50.296 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.003 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

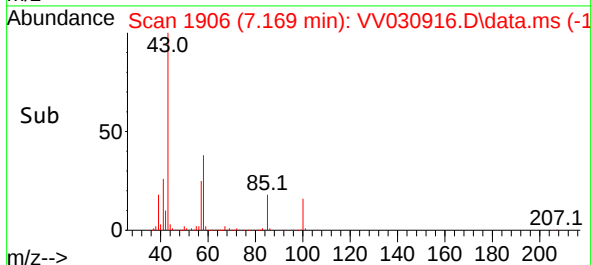
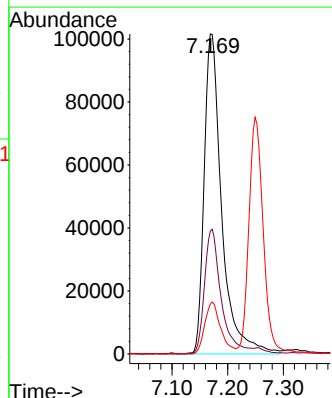
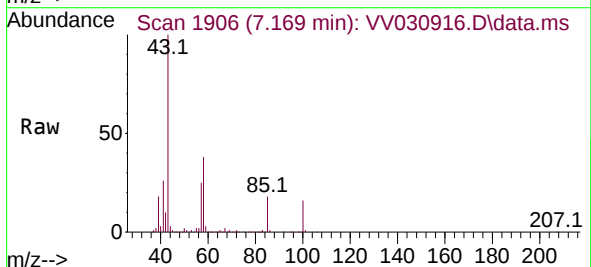
Tgt Ion: 43 Resp: 222907

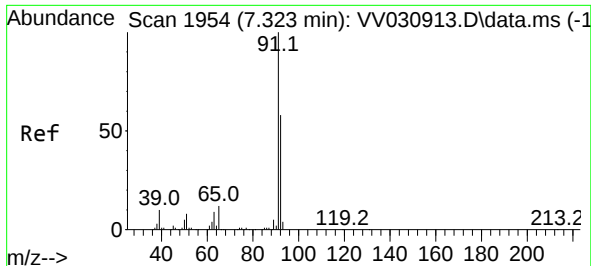
Ion Ratio Lower Upper

43 100

58 37.2 28.3 42.5

100 14.7 11.8 17.8





#42

Toluene

Concen: 4.887 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

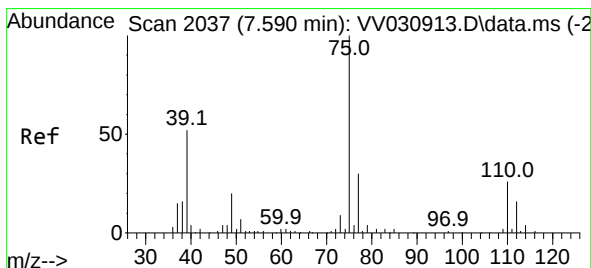
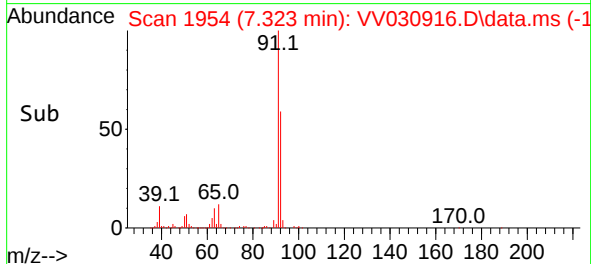
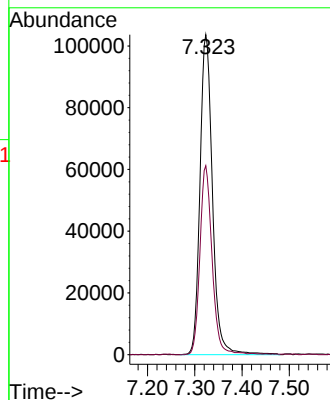
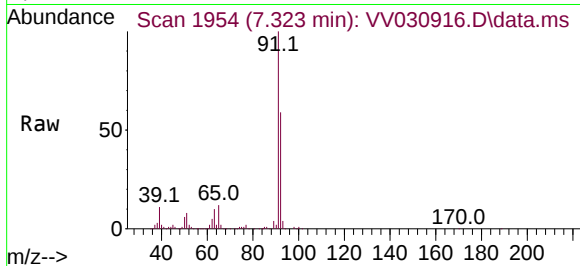
VICV238

Tgt Ion: 91 Resp: 189756

Ion Ratio Lower Upper

91 100

92 59.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.818 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV030916.D

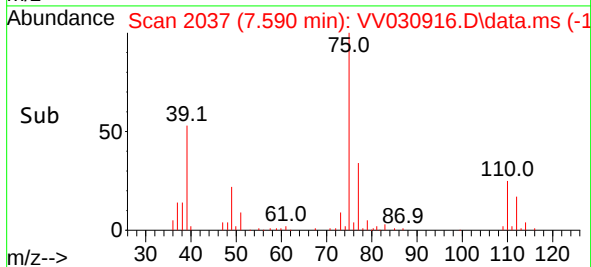
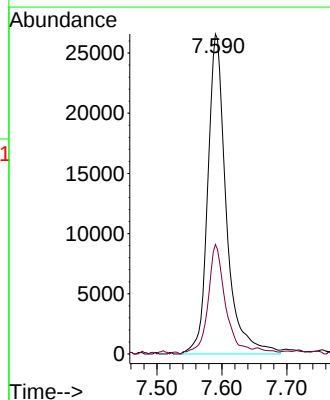
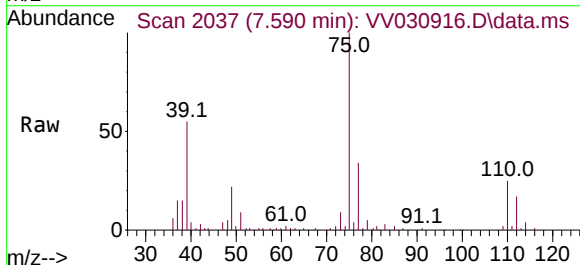
Acq: 28 Apr 2023 12:51

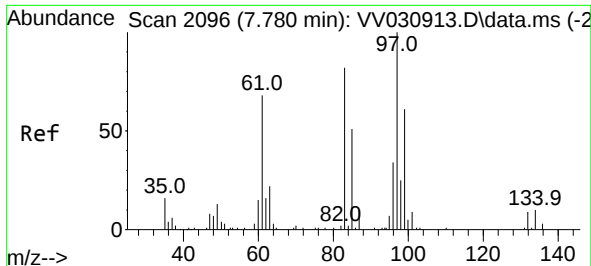
Tgt Ion: 75 Resp: 52592

Ion Ratio Lower Upper

75 100

77 34.2 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 4.411 ug/L

RT: 7.780 min Scan# 2096

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

VICV238

Tgt Ion: 97 Resp: 27998

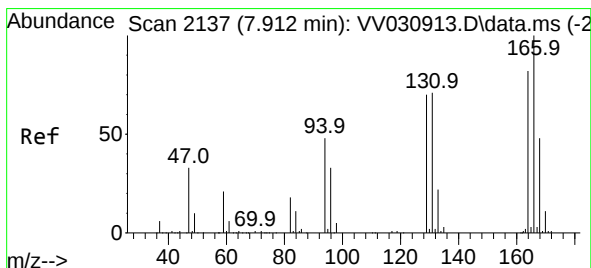
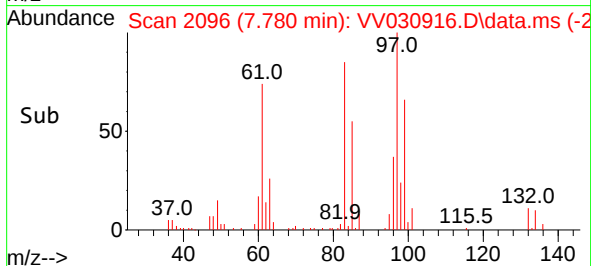
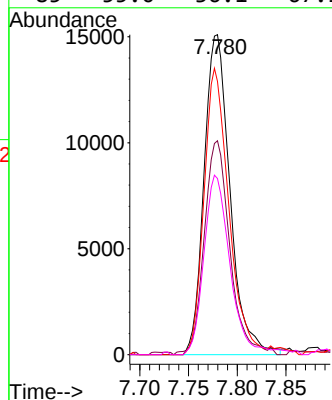
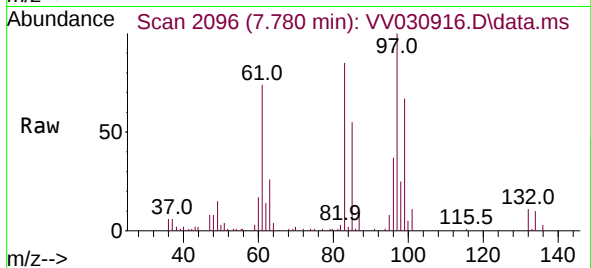
Ion Ratio Lower Upper

97 100

99 66.9 42.8 79.6

83 85.4 57.5 106.7

85 55.0 36.1 67.1



#47

Tetrachloroethene

Concen: 4.562 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Tgt Ion: 164 Resp: 41835

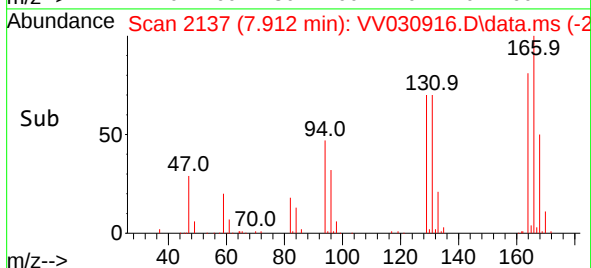
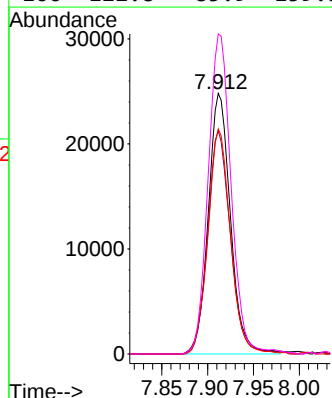
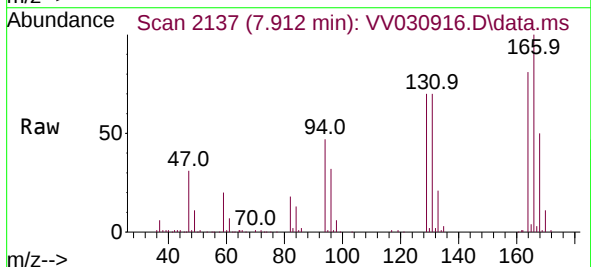
Ion Ratio Lower Upper

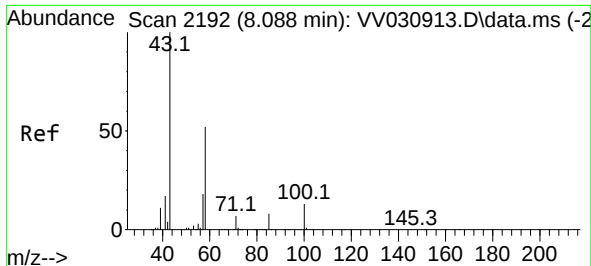
164 100

129 85.6 60.5 112.3

131 86.4 60.8 112.8

166 122.8 85.9 159.5

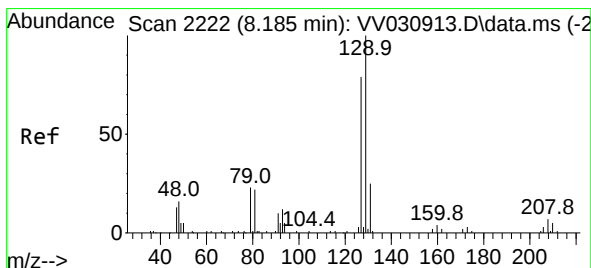
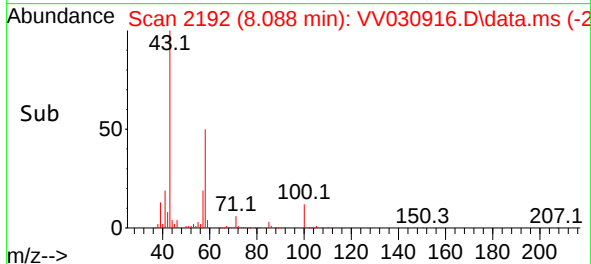
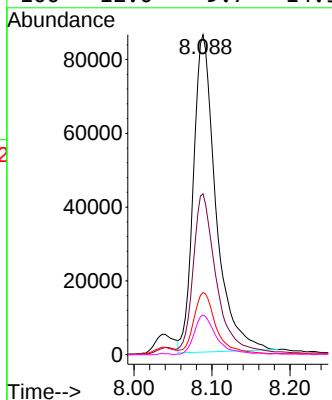
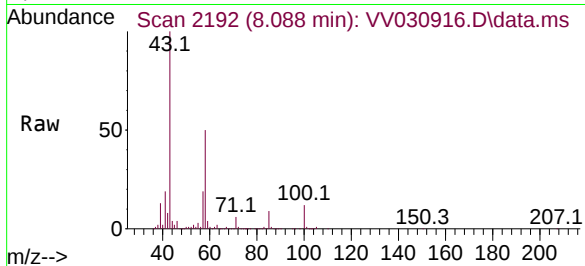




#48
2-Hexanone
Concen: 50.609 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

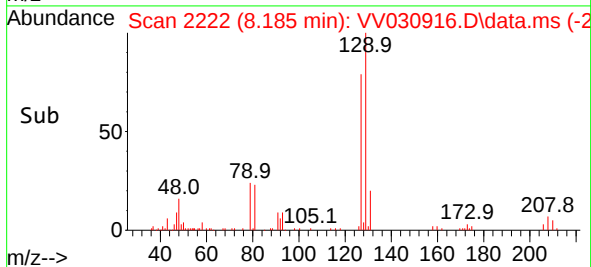
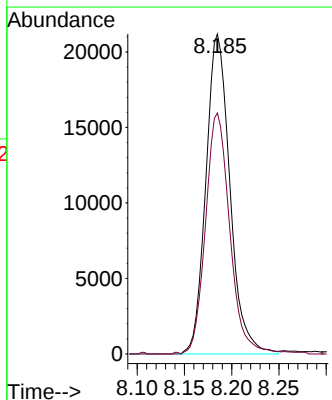
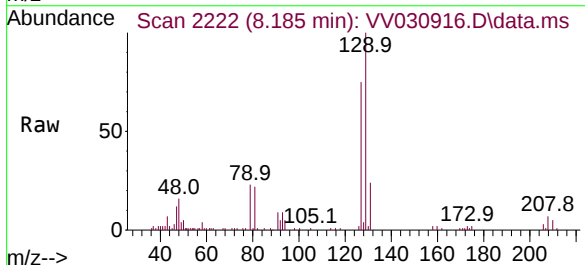
Instrument :
MSVOA_V
ClientSampleId :
VICV238

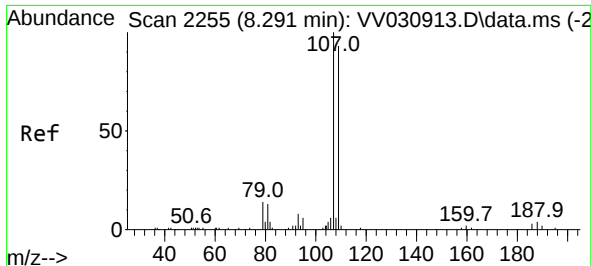
Tgt Ion:	43	Resp:	172032
Ion	Ratio	Lower	Upper
43	100		
58	52.5	39.9	59.9
57	19.3	14.1	21.1
100	12.0	9.7	14.5



#49
Dibromochloromethane
Concen: 4.694 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion:	129	Resp:	37483
Ion	Ratio	Lower	Upper
129	100		
127	75.3	55.3	102.7





#50

1,2-Dibromoethane

Concen: 4.756 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

VICV238

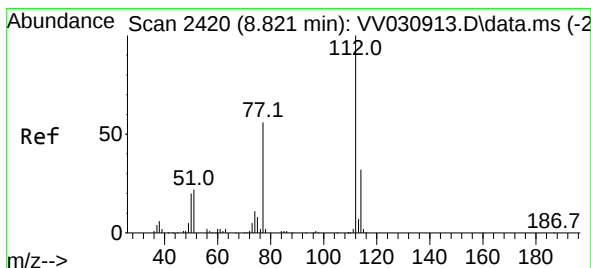
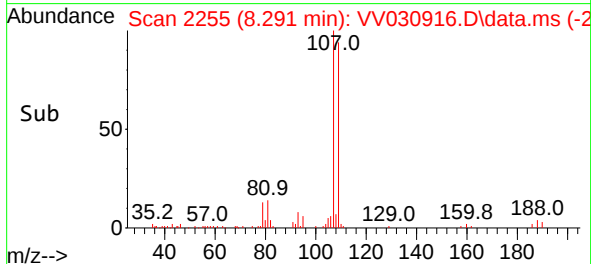
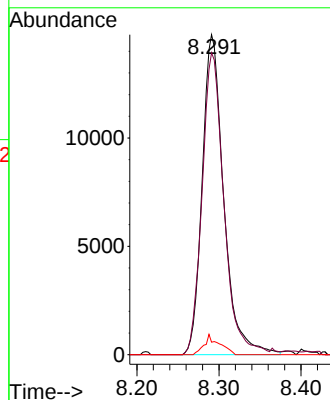
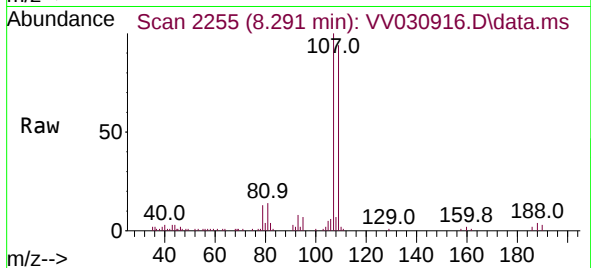
Tgt Ion:107 Resp: 26924

Ion Ratio Lower Upper

107 100

109 94.3 64.9 120.5

188 3.9 3.2 4.8



#51

Chlorobenzene

Concen: 4.680 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

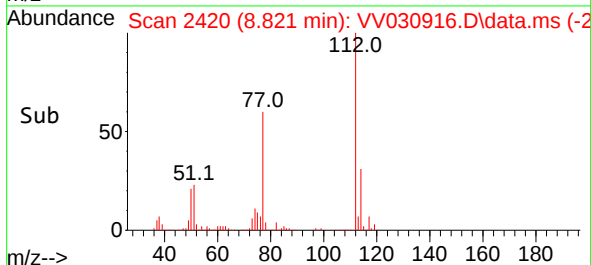
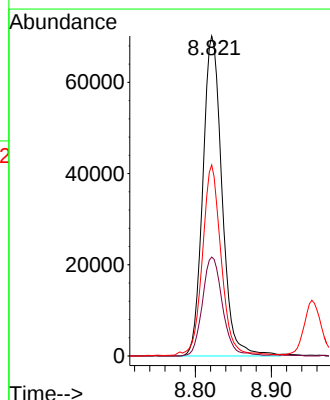
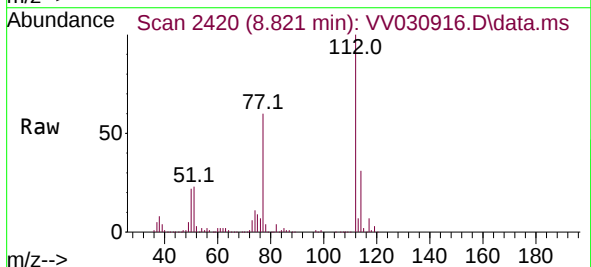
Tgt Ion:112 Resp: 123181

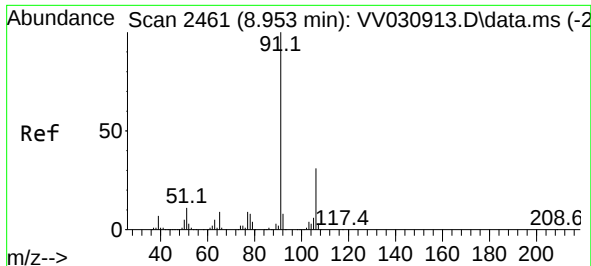
Ion Ratio Lower Upper

112 100

114 30.9 22.5 41.9

77 59.7 45.3 67.9

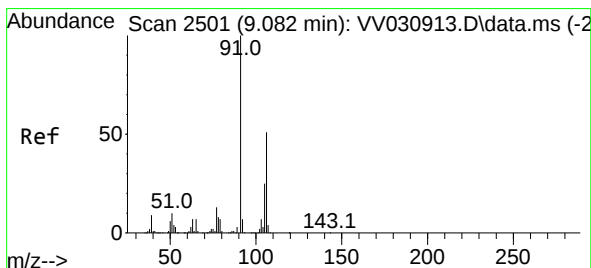
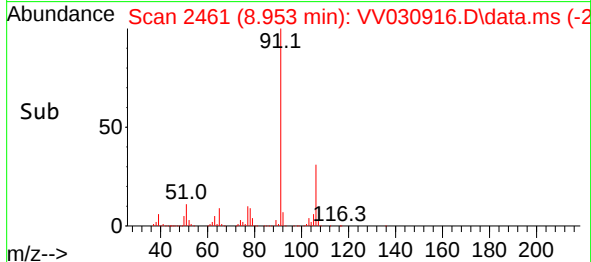
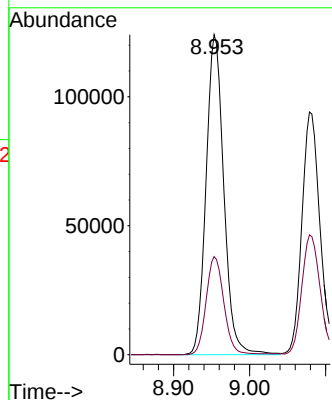
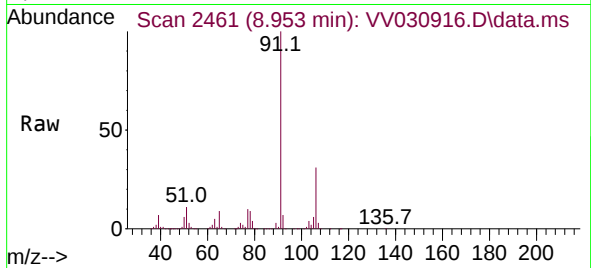




#52
Ethylbenzene
Concen: 4.746 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

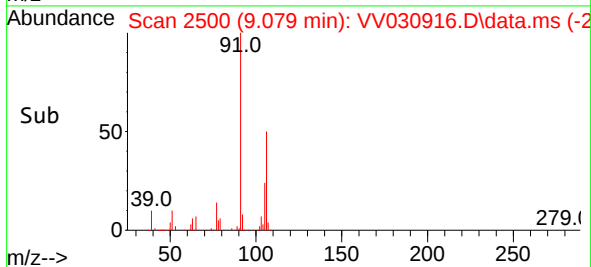
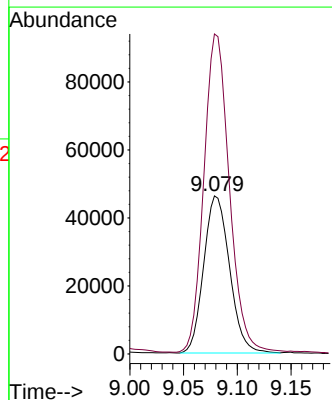
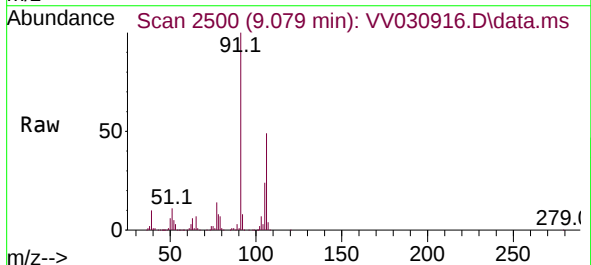
Instrument :
MSVOA_V
ClientSampleId :
VICV238

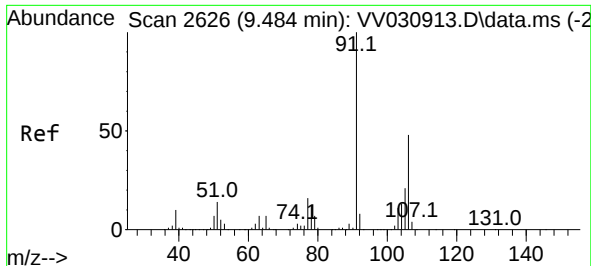
Tgt Ion: 91 Resp: 200892
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 4.584 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.003 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion: 106 Resp: 77425
Ion Ratio Lower Upper
106 100
91 202.5 138.7 257.5

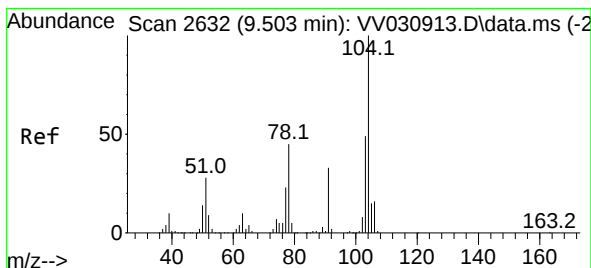
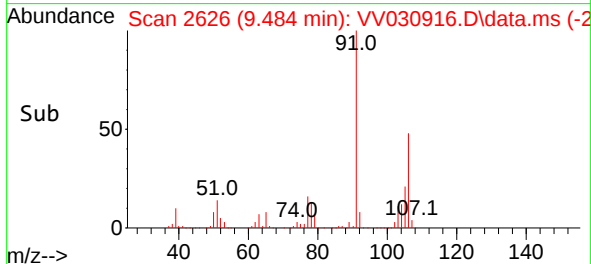
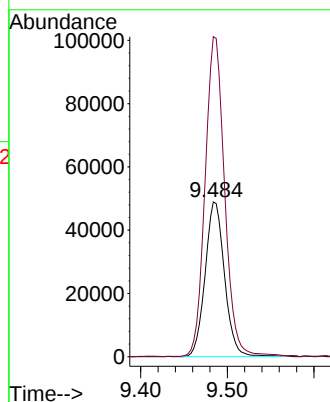
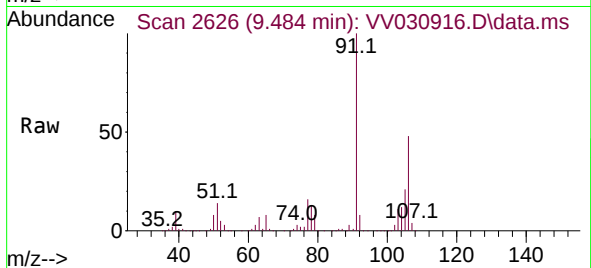




#54
o-Xylene
Concen: 4.738 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

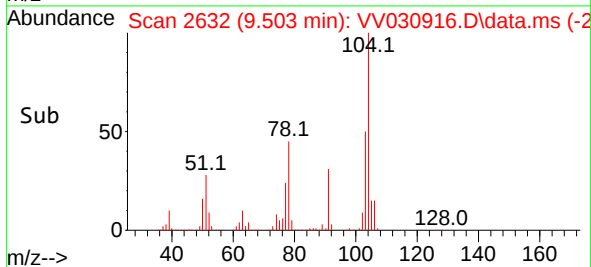
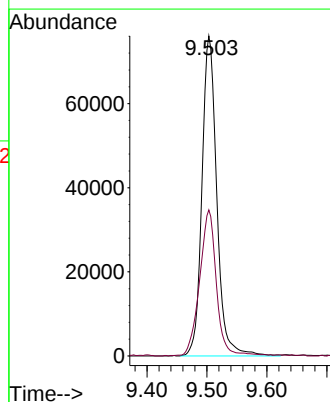
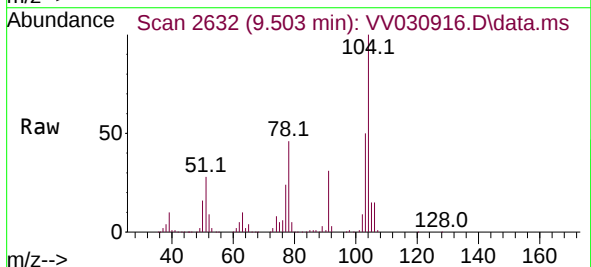
Instrument :
MSVOA_V
ClientSampleId :
VICV238

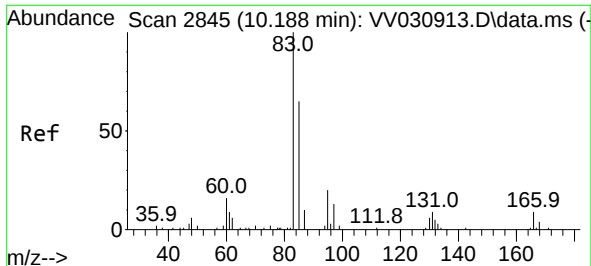
Tgt Ion:106 Resp: 76163
Ion Ratio Lower Upper
106 100
91 206.9 145.1 269.5



#55
Styrene
Concen: 4.844 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion:104 Resp: 131397
Ion Ratio Lower Upper
104 100
78 45.6 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.671 ug/L

RT: 10.185 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

VICV238

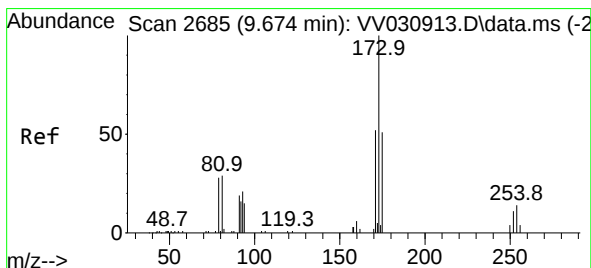
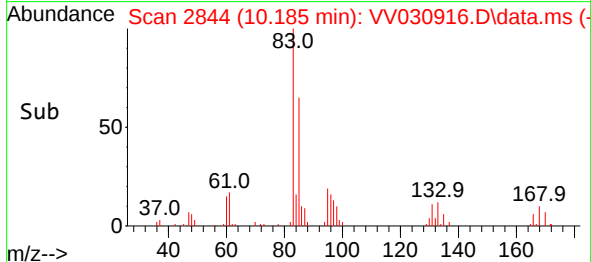
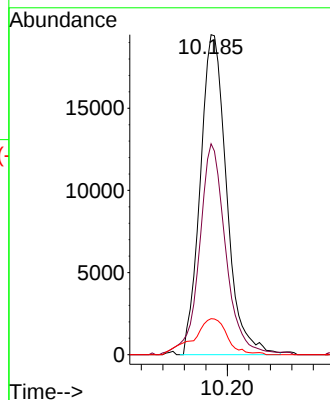
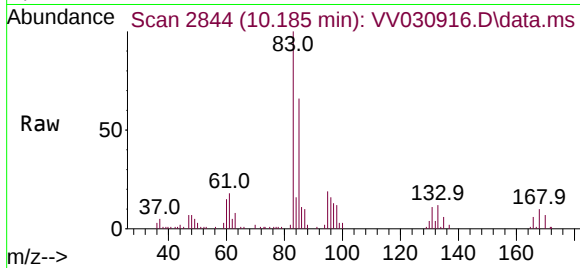
Tgt Ion: 83 Resp: 33138

Ion Ratio Lower Upper

83 100

85 65.9 45.2 84.0

131 11.3 8.3 12.5



#59

Bromoform

Concen: 4.519 ug/L

RT: 9.674 min Scan# 2685

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

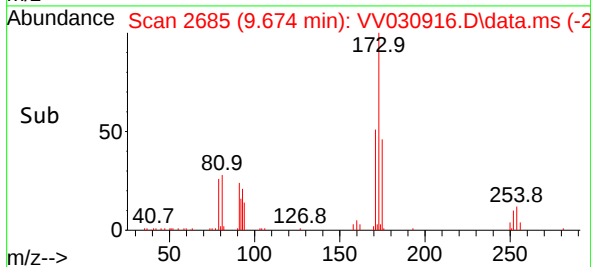
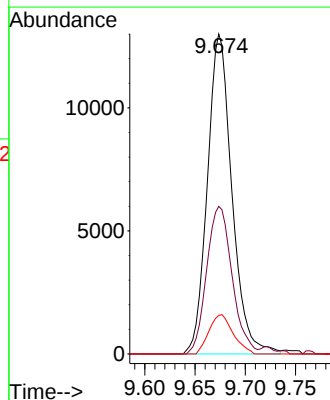
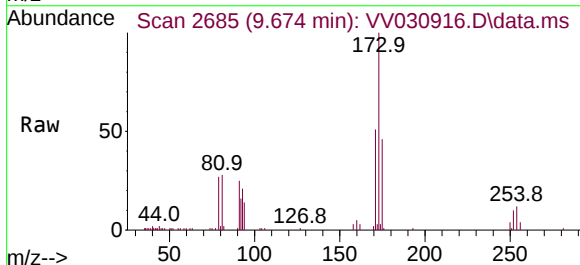
Tgt Ion: 173 Resp: 22097

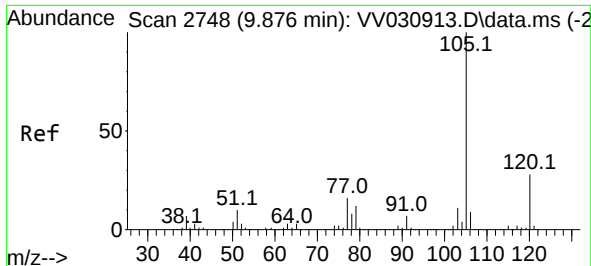
Ion Ratio Lower Upper

173 100

175 47.7 39.9 59.9

254 12.0 9.7 14.5

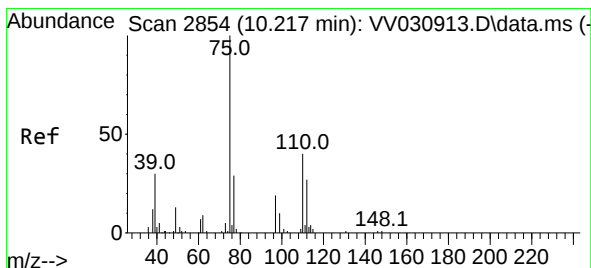
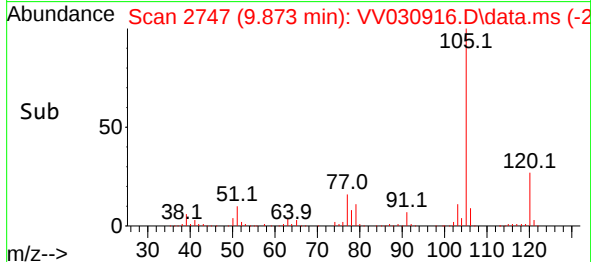
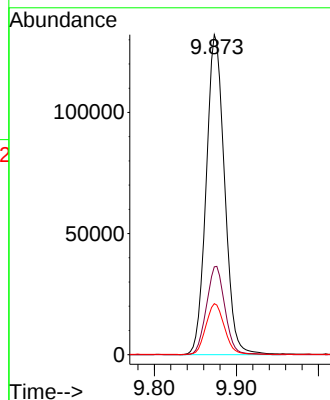
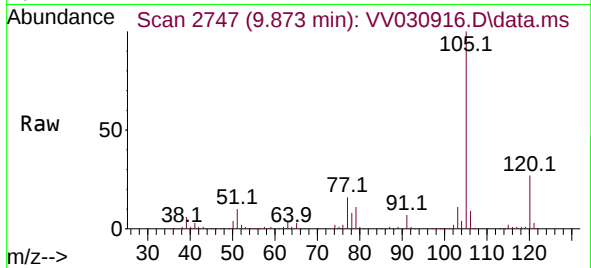




#60
Isopropylbenzene
Concen: 4.592 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

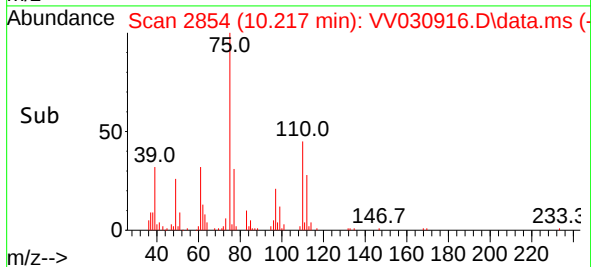
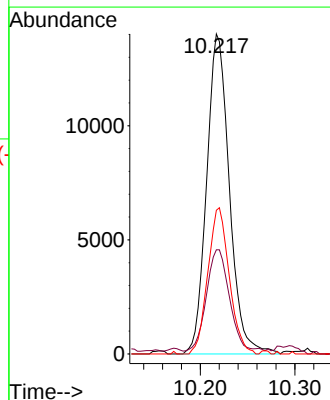
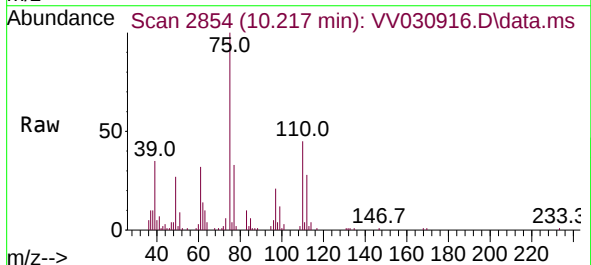
Instrument :
MSVOA_V
ClientSampleId :
VICV238

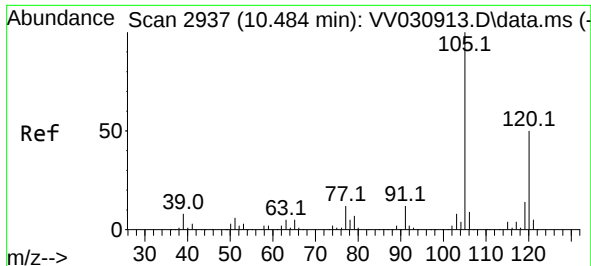
Tgt Ion:105 Resp: 205676
Ion Ratio Lower Upper
105 100
120 27.8 22.2 33.4
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.497 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion: 75 Resp: 23467
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
110 43.0 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 4.527 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

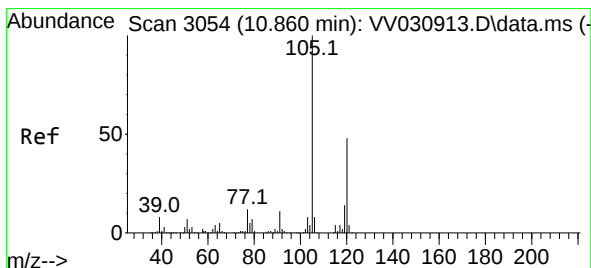
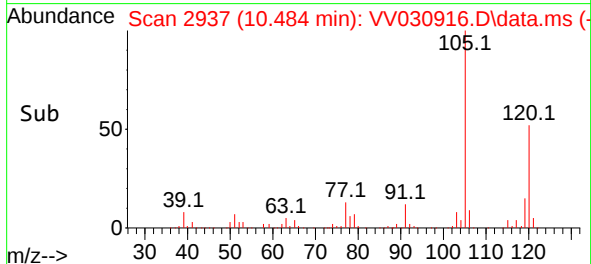
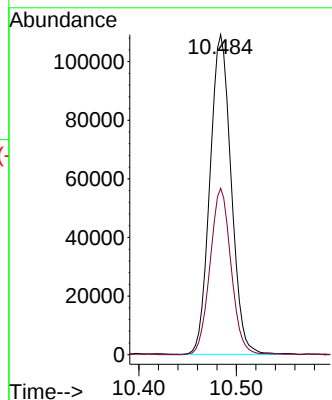
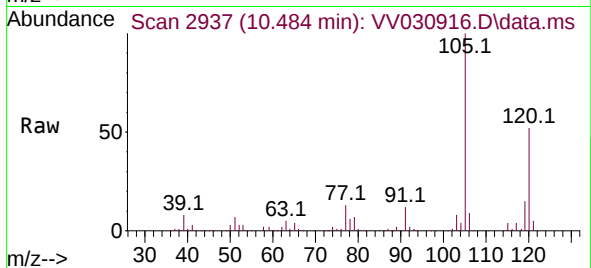
VICV238

Tgt Ion:105 Resp: 165069

Ion Ratio Lower Upper

105 100

120 51.6 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 4.540 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV030916.D

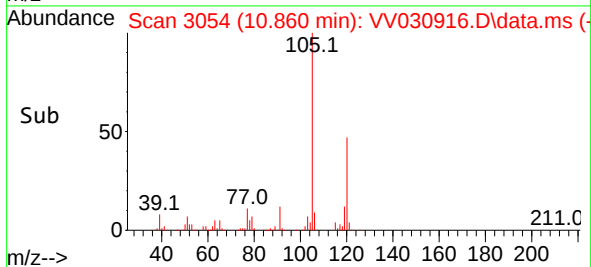
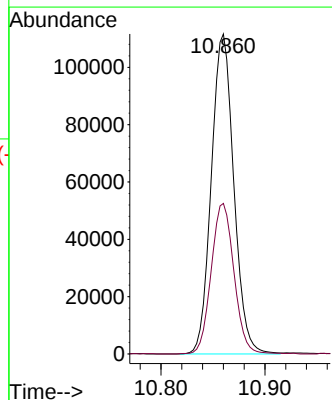
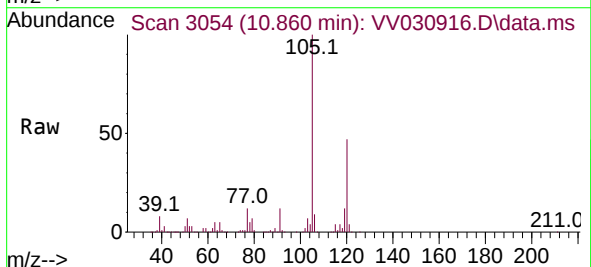
Acq: 28 Apr 2023 12:51

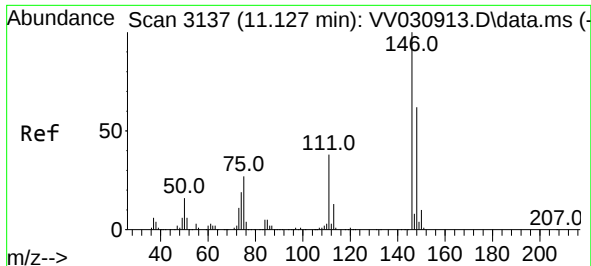
Tgt Ion:105 Resp: 167727

Ion Ratio Lower Upper

105 100

120 47.6 37.9 56.9

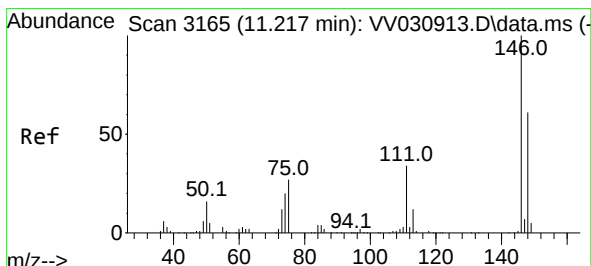
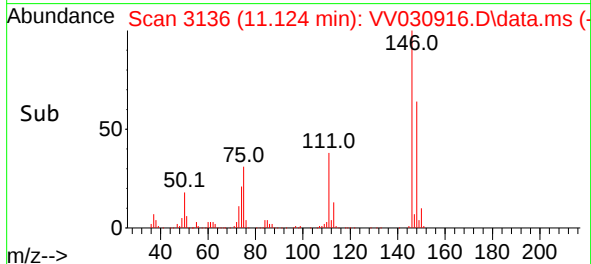
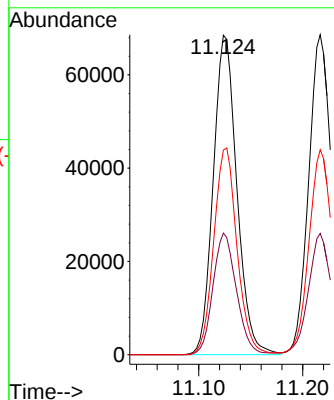
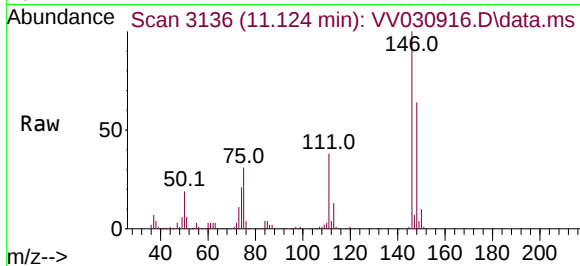




#64
1,3-Dichlorobenzene
Concen: 4.706 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

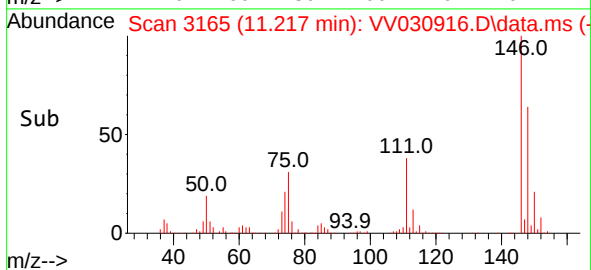
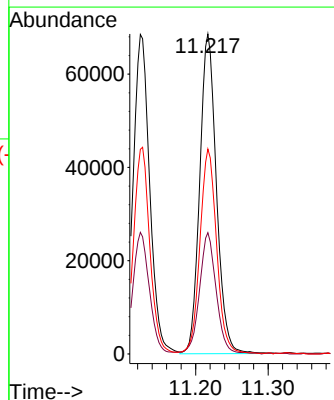
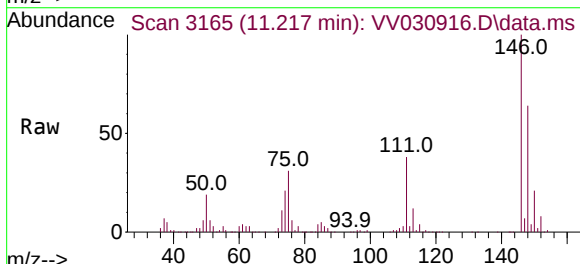
Instrument :
MSVOA_V
ClientSampleId :
VICV238

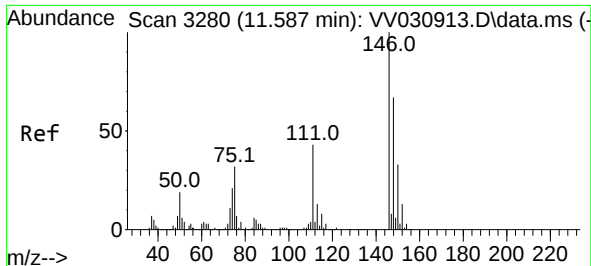
Tgt Ion:146 Resp: 108252
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.3
148 64.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.722 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion:146 Resp: 109566
Ion Ratio Lower Upper
146 100
111 37.9 23.9 44.5
148 64.0 42.8 79.6

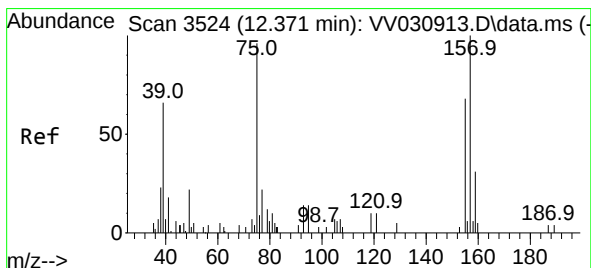
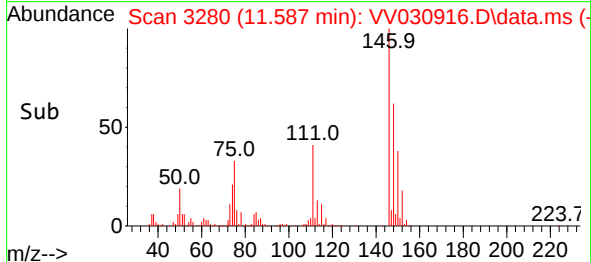
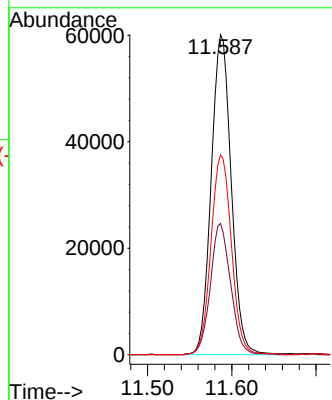
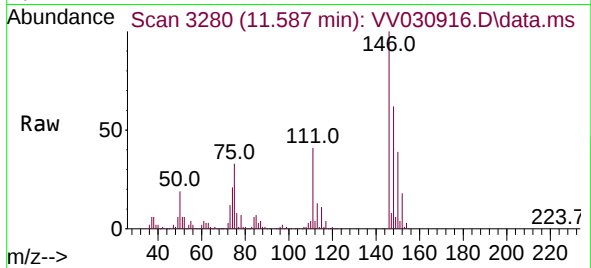




#67
1,2-Dichlorobenzene
Concen: 4.801 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

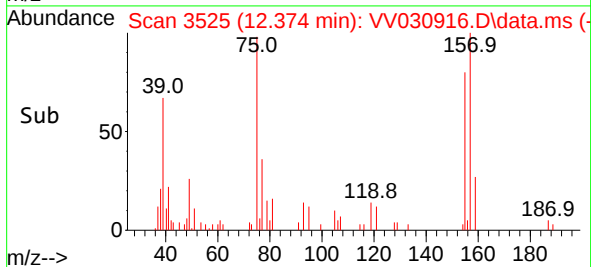
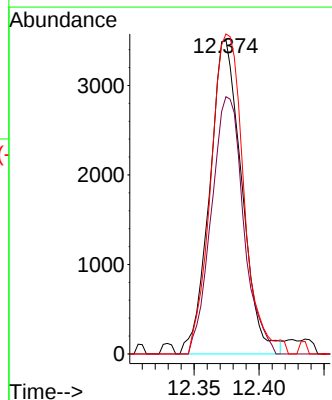
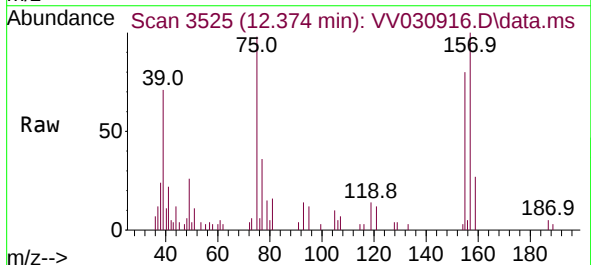
Instrument :
MSVOA_V
ClientSampleId :
VICV238

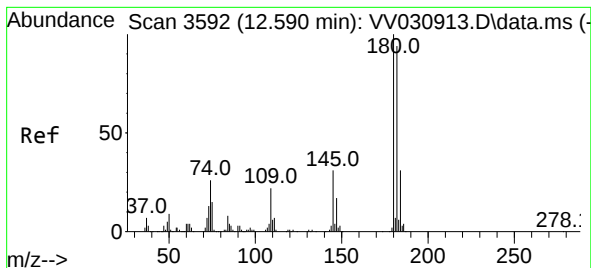
Tgt Ion:146 Resp: 99297
Ion Ratio Lower Upper
146 100
111 41.0 34.0 51.0
148 62.4 53.8 80.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.548 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030916.D
Acq: 28 Apr 2023 12:51

Tgt Ion: 75 Resp: 6024
Ion Ratio Lower Upper
75 100
155 81.9 56.2 84.4
157 101.8 83.1 124.7





#69

1,3,5-Trichlorobenzene

Concen: 4.801 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

VICV238

Tgt Ion:180 Resp: 87445

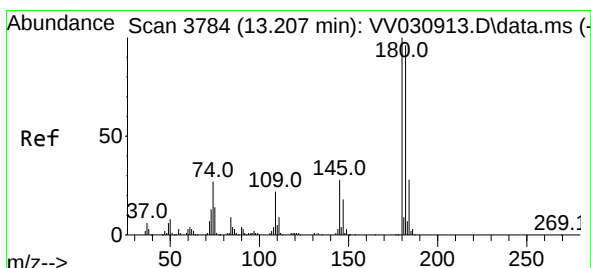
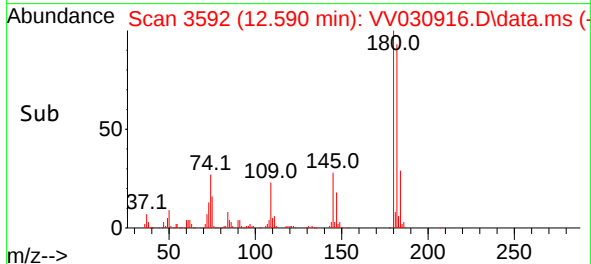
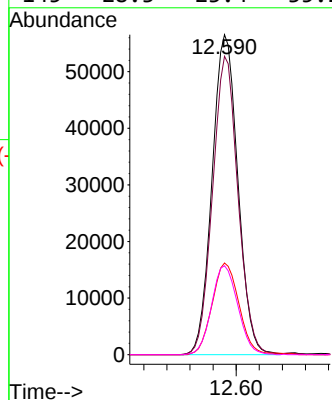
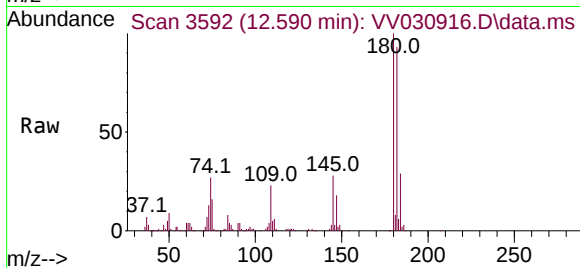
Ion Ratio Lower Upper

180 100

182 92.2 75.1 112.7

184 30.0 24.1 36.1

145 28.3 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 4.969 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

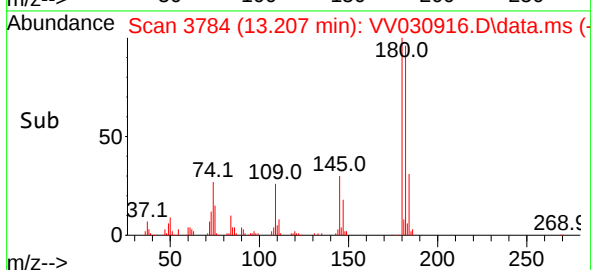
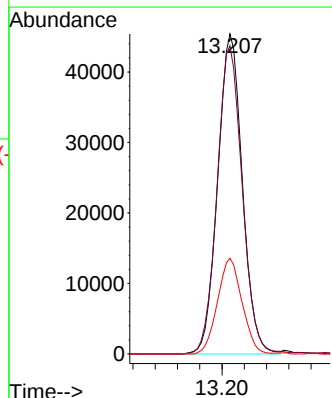
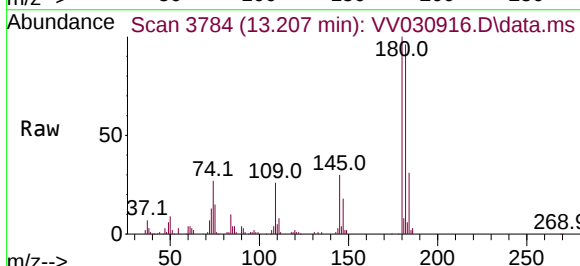
Tgt Ion:180 Resp: 69545

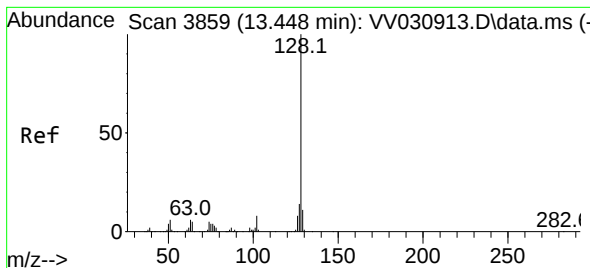
Ion Ratio Lower Upper

180 100

182 98.3 76.0 114.0

145 29.8 22.9 34.3





#71

Naphthalene

Concen: 5.348 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

VICV238

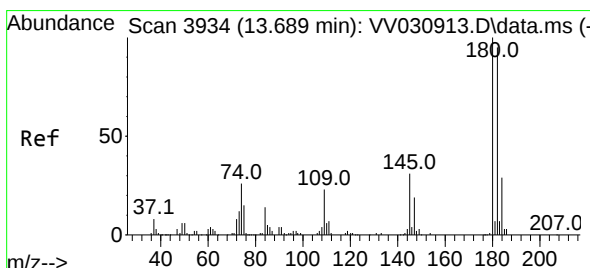
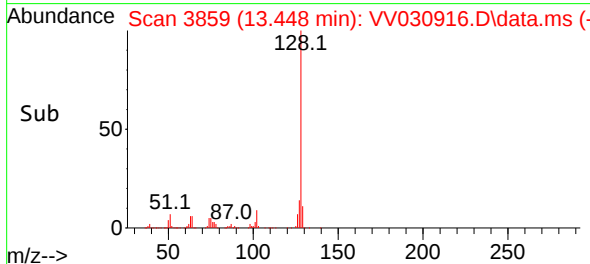
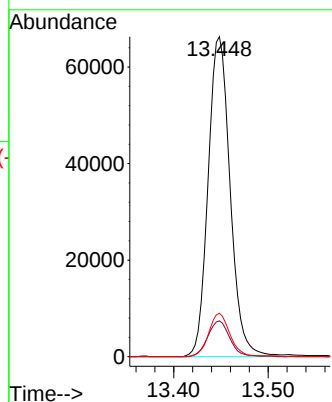
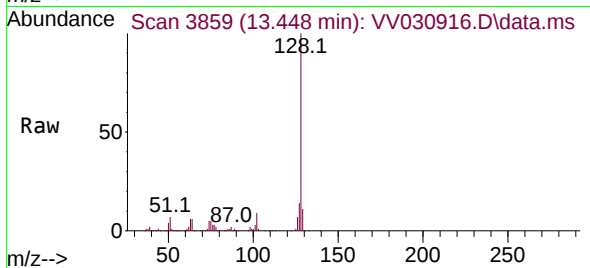
Tgt Ion:128 Resp: 107323

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.3 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.248 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030916.D

Acq: 28 Apr 2023 12:51

Tgt Ion:180 Resp: 62180

Ion Ratio Lower Upper

180 100

182 94.4 77.3 115.9

145 30.0 24.7 37.1

