

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031356.D
 Acq On : 05 Jun 2023 18:52
 Operator : SY/MD
 Sample : 02990-03MS 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27MS

Quant Time: Jun 06 02:10:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	133474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	135411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	77118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50297	3.705	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.532	69	45791	3.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.056	65	28061	4.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.828	46	117177	37.287	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.580%
24) Chloroform-d	4.256	84	116195	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	4.950	65	59999	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.966	84	198478	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.995	67	65478	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.249	98	192367	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.561	79	24189	4.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.037	63	107991	53.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.220%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	53562	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	68642	4.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	75279	4.179	ug/L	98
3) Chloromethane	1.214	50	72787	4.090	ug/L	99
5) Vinyl chloride	1.281	62	73823	4.150	ug/L	98
6) Bromomethane	1.487	94	39682	3.891	ug/L	97
8) Chloroethane	1.548	64	43643	3.935	ug/L	99
9) Trichlorofluoromethane	1.712	101	118988	4.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	61410	4.240	ug/L	96
12) 1,1-Dichloroethene	2.069	96	56411	4.524	ug/L	98
13) Acetone	2.153	43	72860	20.063	ug/L	98
14) Carbon disulfide	2.240	76	158483	4.287	ug/L	100
15) Methyl Acetate	2.394	43	28754	4.076	ug/L #	91
16) Methylene chloride	2.449	84	60391	3.984	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	135684	4.775	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	50305	4.254	ug/L	98
19) 1,1-Dichloroethane	3.114	63	114695	4.367	ug/L	98
21) 2-Butanone	3.908	43	121195	25.660	ug/L	85
22) cis-1,2-Dichloroethene	3.818	96	65345	5.453	ug/L	94
23) Bromochloromethane	4.159	128	25356	4.476	ug/L	92
25) Chloroform	4.281	83	116312	4.235	ug/L	100

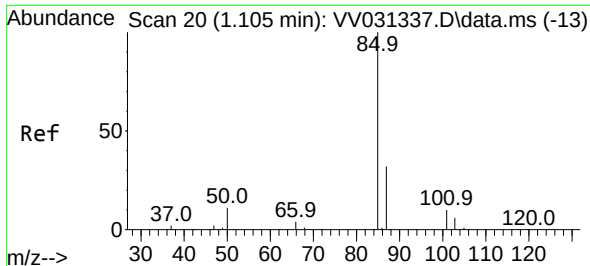
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031356.D
 Acq On : 05 Jun 2023 18:52
 Operator : SY/MD
 Sample : 02990-03MS 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27MS

Quant Time: Jun 06 02:10:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	73983	4.634	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	106388	4.726	ug/L	99
30) Cyclohexane	4.587	56	85986	4.207	ug/L	92
31) Carbon tetrachloride	4.741	117	94753	4.719	ug/L	98
33) Benzene	5.018	78	228324	4.738	ug/L	100
34) Trichloroethene	5.841	95	65373	5.023	ug/L	96
35) Methylcyclohexane	6.056	83	85763	4.426	ug/L	95
37) 1,2-Dichloropropane	6.101	63	64862	4.573	ug/L	97
38) Bromodichloromethane	6.439	83	82851	4.569	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	83012	4.459	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	409604	49.221	ug/L	99
42) Toluene	7.320	91	246319	4.817	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	73883	4.614	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	45258	4.701	ug/L	98
47) Tetrachloroethene	7.911	164	101745	10.032	ug/L	99
48) 2-Hexanone	8.085	43	303306	45.894	ug/L	99
49) Dibromochloromethane	8.185	129	51105	4.754	ug/L	99
50) 1,2-Dibromoethane	8.291	107	42365	4.758	ug/L	98
51) Chlorobenzene	8.821	112	149434	4.691	ug/L	99
52) Ethylbenzene	8.953	91	249039	4.656	ug/L	97
53) m,p-Xylene	9.079	106	96400	5.010	ug/L	93
54) o-Xylene	9.484	106	88674	4.917	ug/L	99
55) Styrene	9.503	104	162689	5.072	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	53467	4.659	ug/L	95
59) Bromoform	9.673	173	30352	4.885	ug/L	98
60) Isopropylbenzene	9.873	105	248105	4.479	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	40106	4.257	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	191383	4.264	ug/L	96
63) 1,2,4-Trimethylbenzene	10.860	105	201960	4.359	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	122549	4.568	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	127254	4.529	ug/L	97
67) 1,2-Dichlorobenzene	11.586	146	116238	4.517	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	9162	4.239	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	89315	4.480	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	68096	4.259	ug/L	98
71) Naphthalene	13.448	128	93461	3.810	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	61737	4.305	ug/L	98

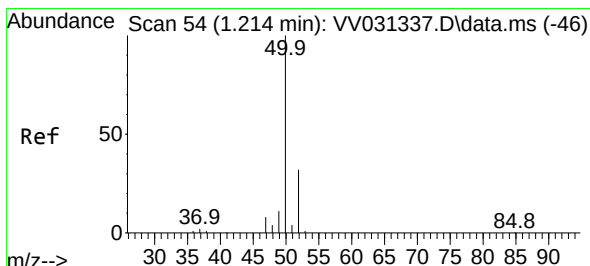
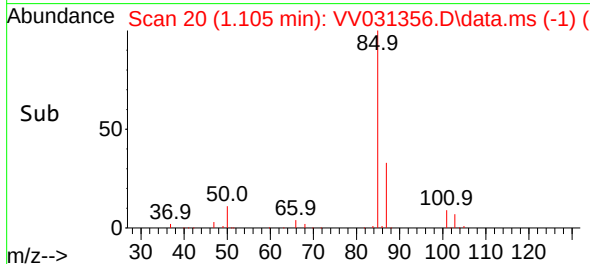
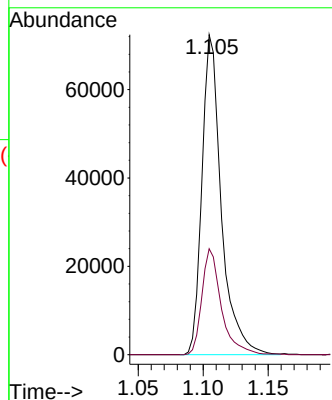
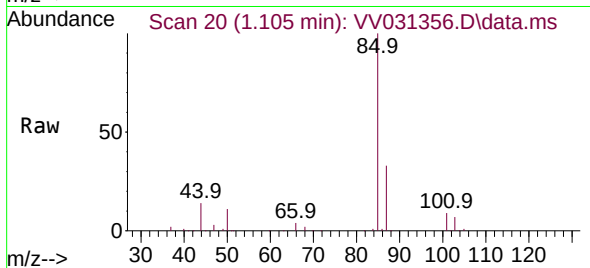
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.179 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV031356.D
 Acq: 05 Jun 2023 18:52

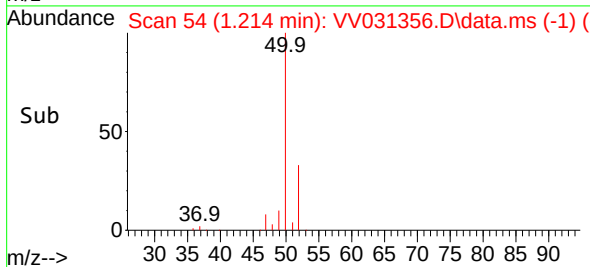
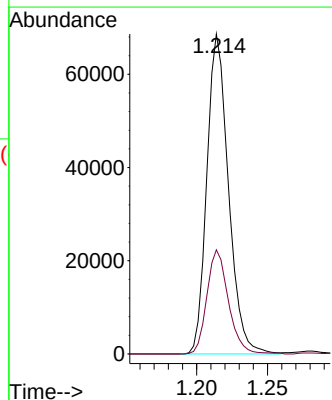
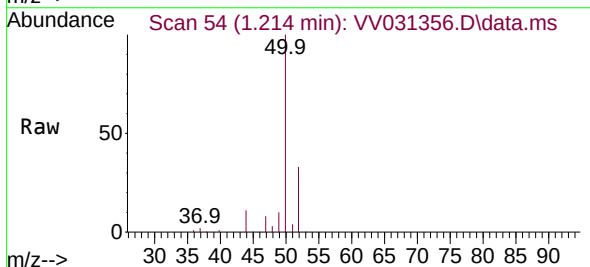
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27MS

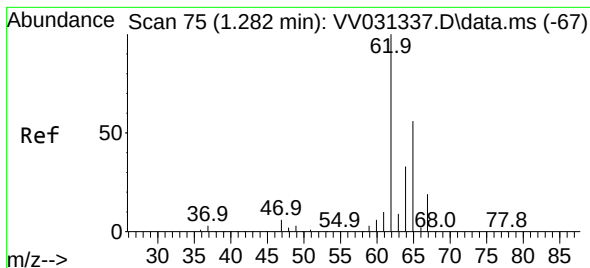
Tgt Ion: 85 Resp: 75279
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.6 38.4



#3
 Chloromethane
 Concen: 4.090 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV031356.D
 Acq: 05 Jun 2023 18:52

Tgt Ion: 50 Resp: 72787
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.2 43.2





#5

Vinyl chloride

Concen: 4.150 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

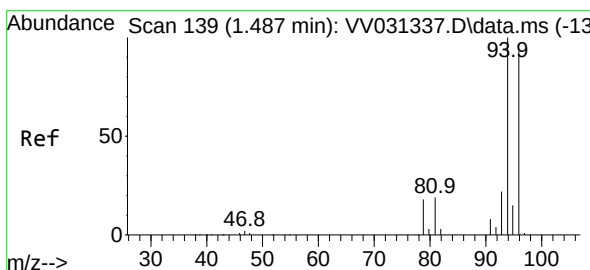
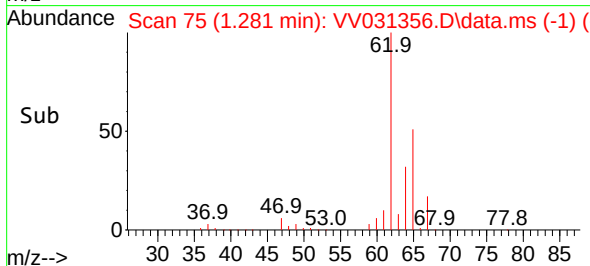
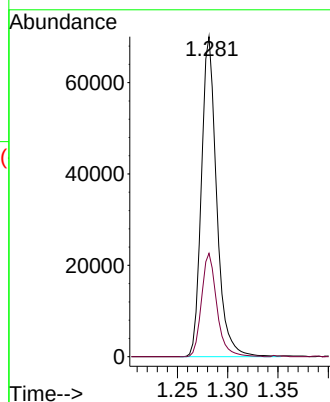
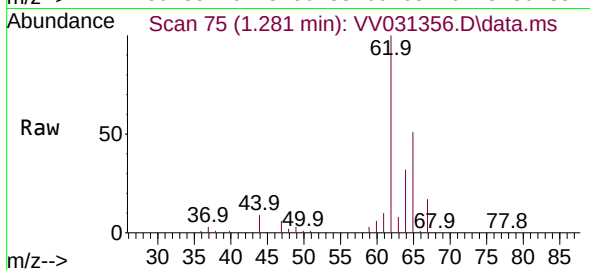
F6C27MS

Tgt Ion: 62 Resp: 73823

Ion Ratio Lower Upper

62 100

64 32.3 22.0 40.8



#6

Bromomethane

Concen: 3.891 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV031356.D

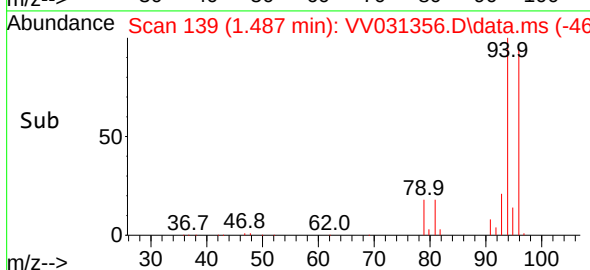
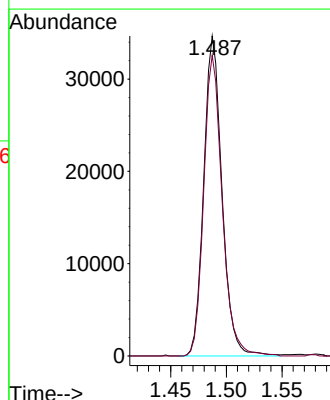
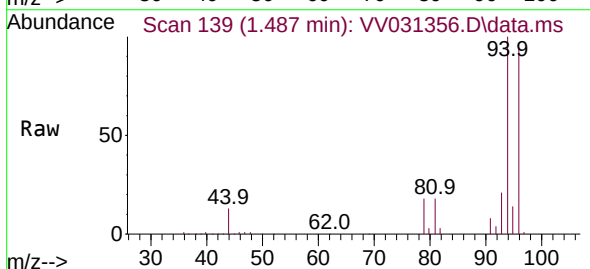
Acq: 05 Jun 2023 18:52

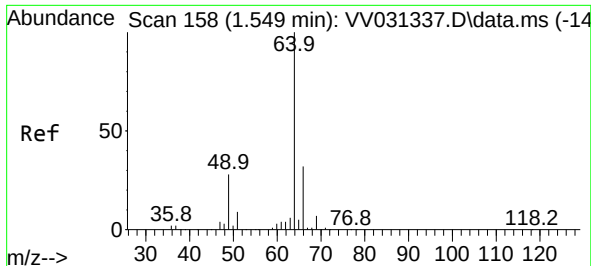
Tgt Ion: 94 Resp: 39682

Ion Ratio Lower Upper

94 100

96 94.0 63.7 118.3

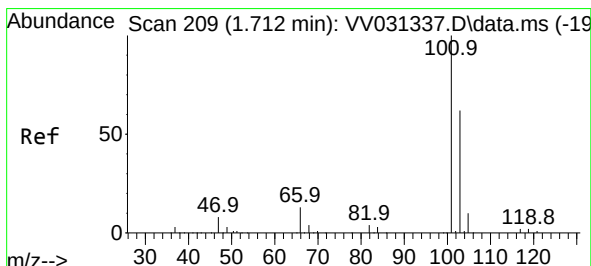
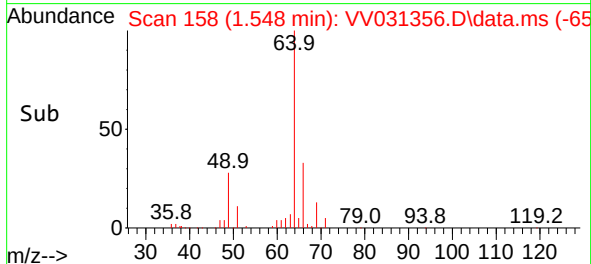
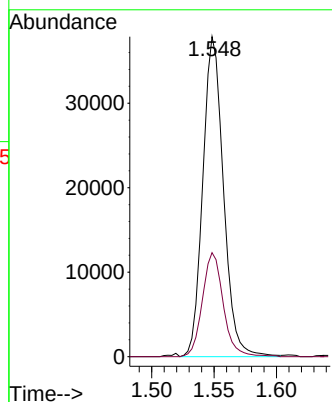
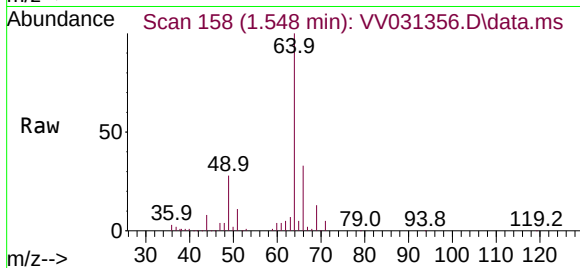




#8
Chloroethane
Concen: 3.935 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

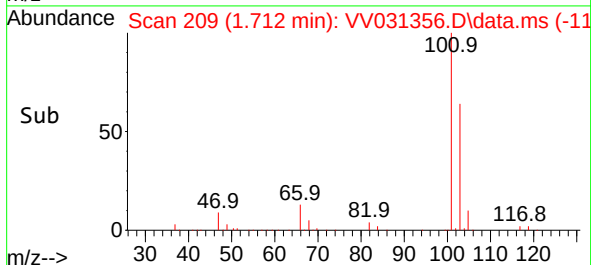
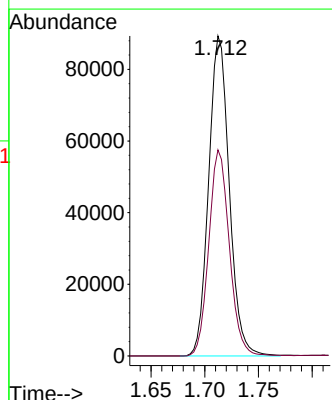
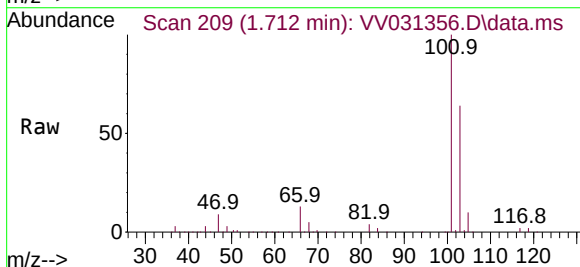
Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

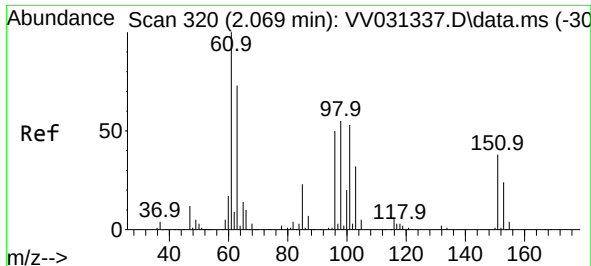
Tgt Ion: 64 Resp: 43643
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.541 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion:101 Resp: 118988
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

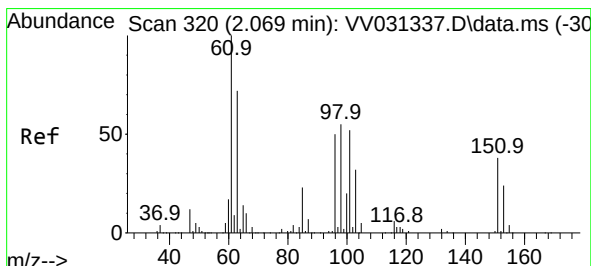
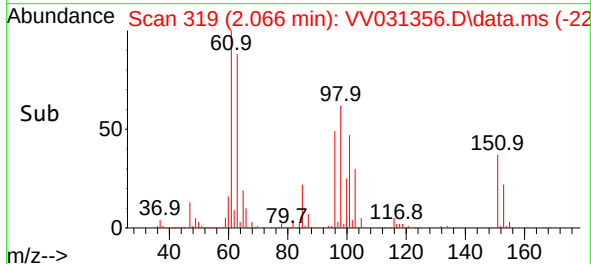
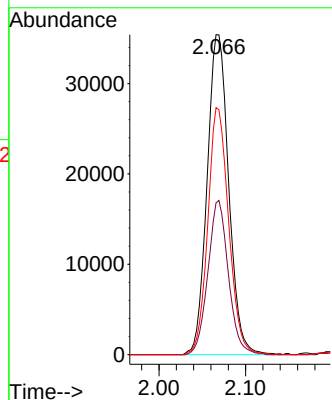
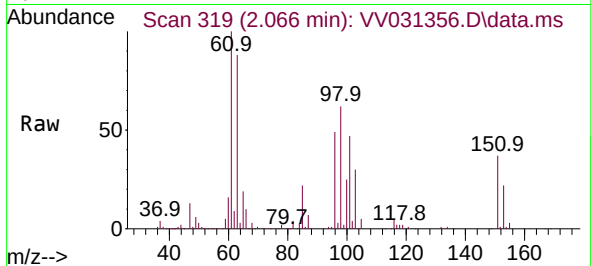




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.240 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV031356.D
 Acq: 05 Jun 2023 18:52

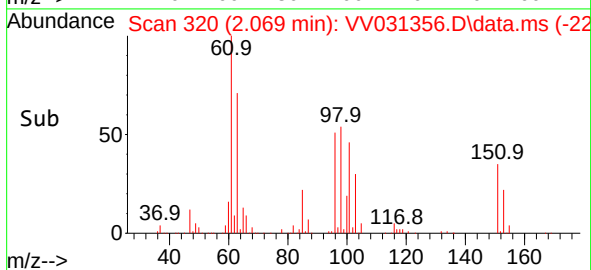
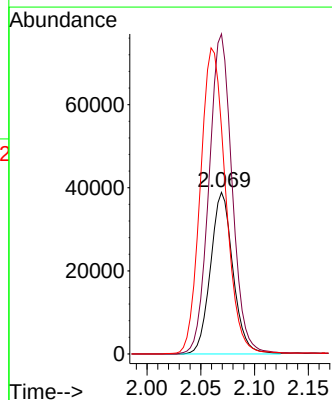
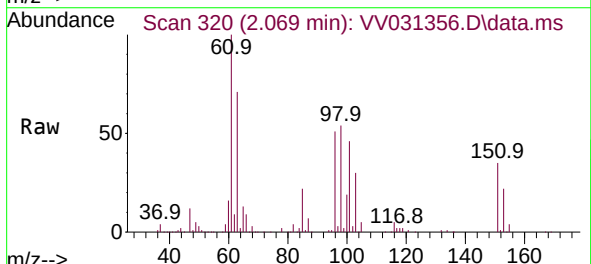
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27MS

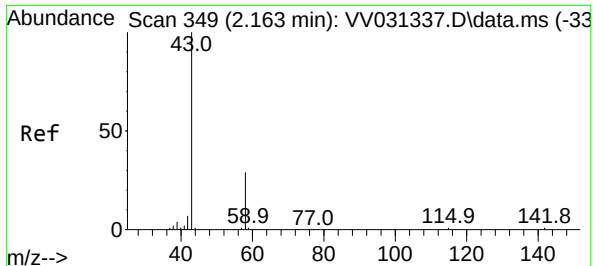
Tgt Ion:101 Resp: 61410
 Ion Ratio Lower Upper
 101 100
 85 45.7 37.2 55.8
 151 74.7 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.524 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV031356.D
 Acq: 05 Jun 2023 18:52

Tgt Ion: 96 Resp: 56411
 Ion Ratio Lower Upper
 96 100
 61 198.0 138.3 256.8
 63 140.0 101.9 189.3





#13

Acetone

Concen: 20.063 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

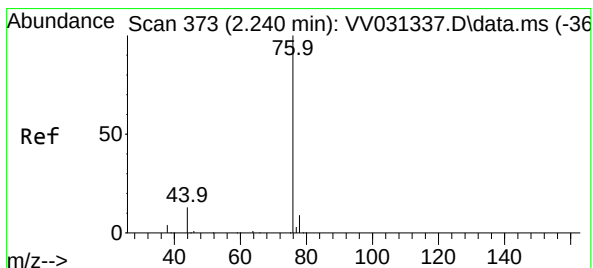
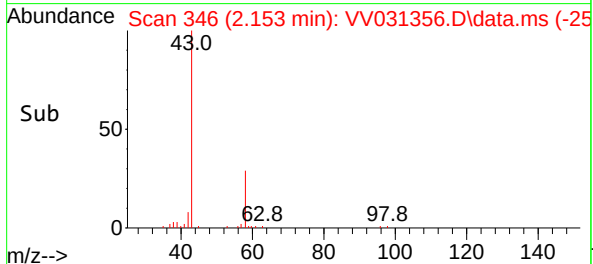
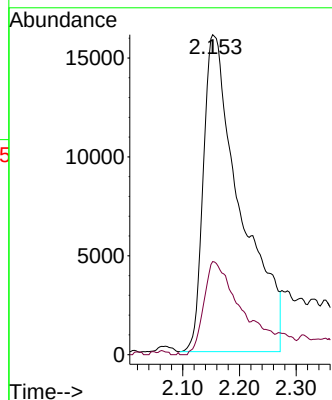
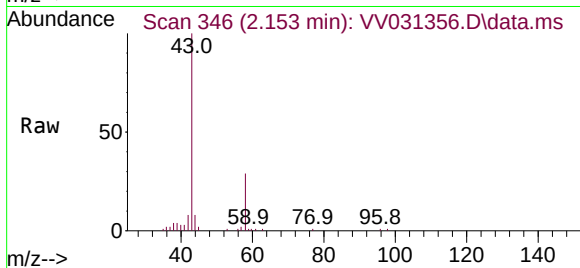
F6C27MS

Tgt Ion: 43 Resp: 72860

Ion Ratio Lower Upper

43 100

58 25.1 0.0 48.4



#14

Carbon disulfide

Concen: 4.287 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV031356.D

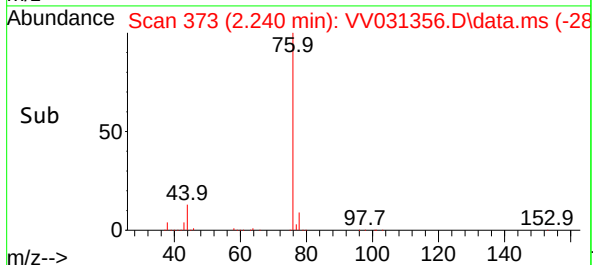
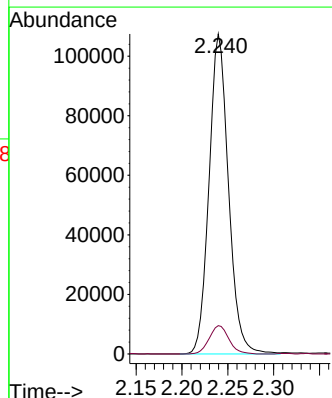
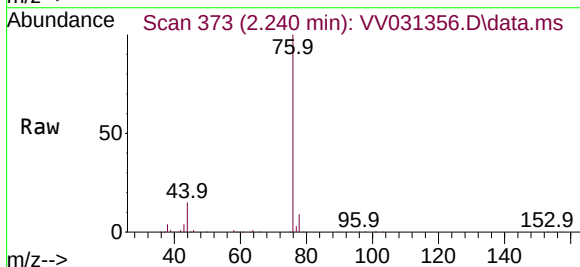
Acq: 05 Jun 2023 18:52

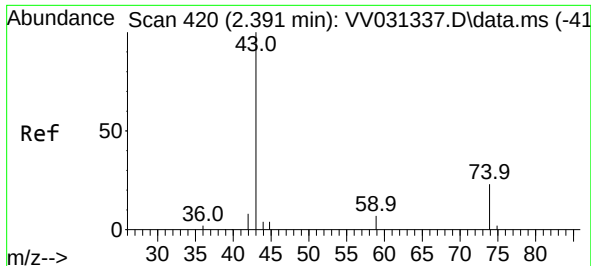
Tgt Ion: 76 Resp: 158483

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

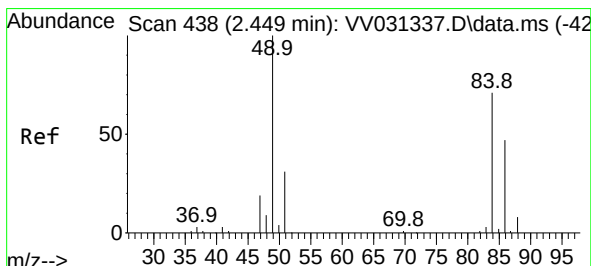
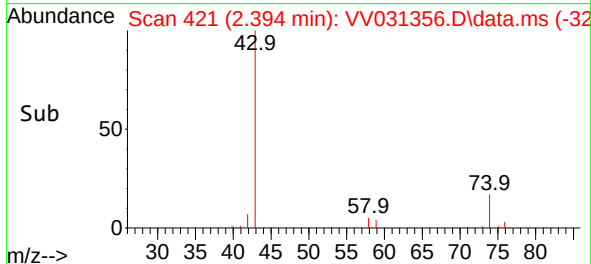
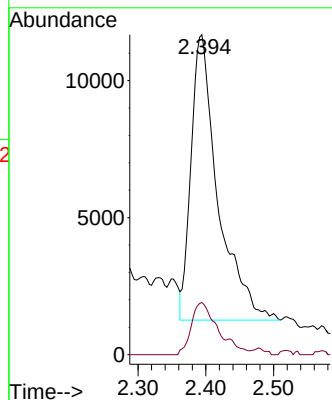
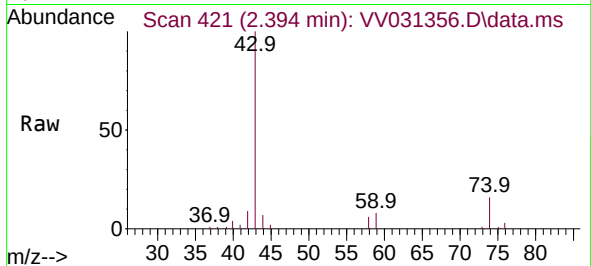




#15
Methyl Acetate
Concen: 4.076 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

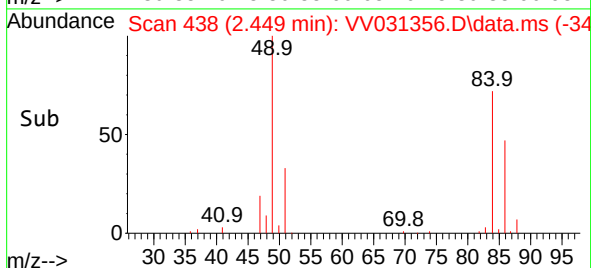
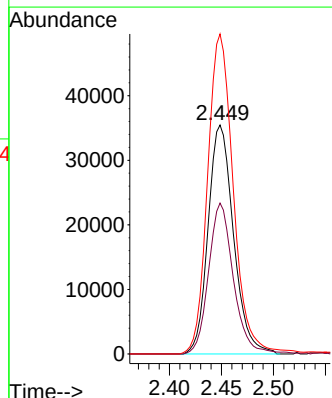
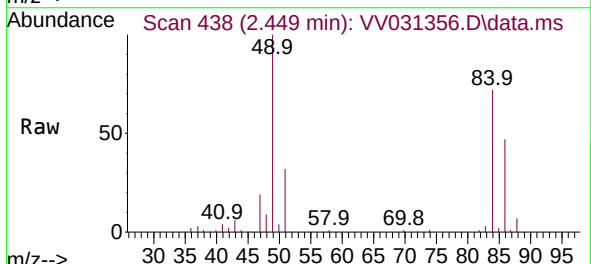
Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

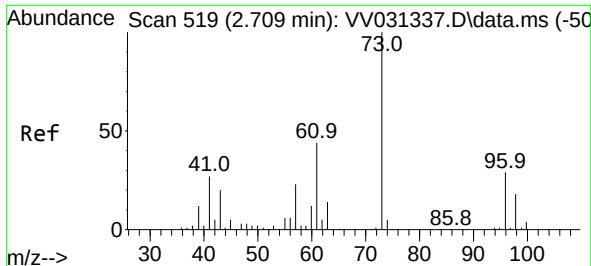
Tgt Ion: 43 Resp: 28754
Ion Ratio Lower Upper
43 100
74 15.9 16.2 24.2#



#16
Methylene chloride
Concen: 3.984 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion: 84 Resp: 60391
Ion Ratio Lower Upper
84 100
86 65.9 46.7 86.7
49 139.7 101.6 188.8

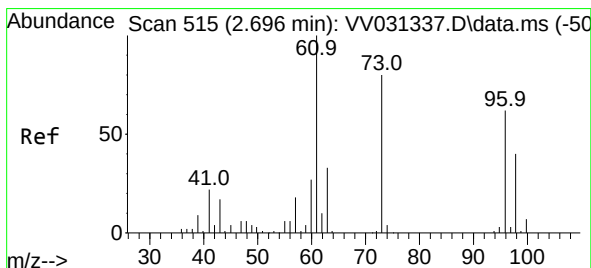
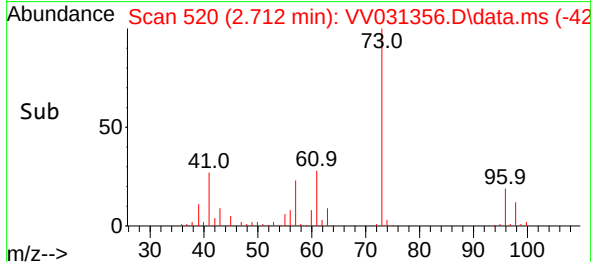
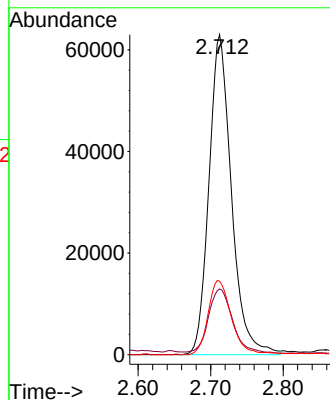
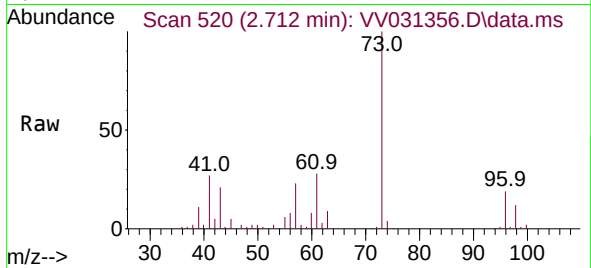




#17
Methyl tert-butyl Ether
Concen: 4.775 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

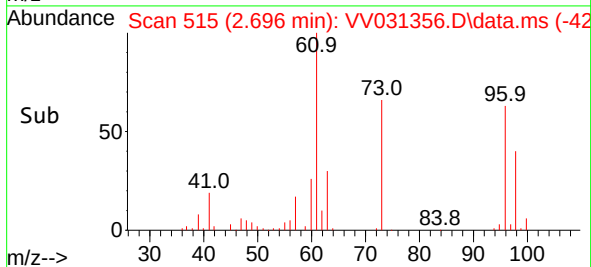
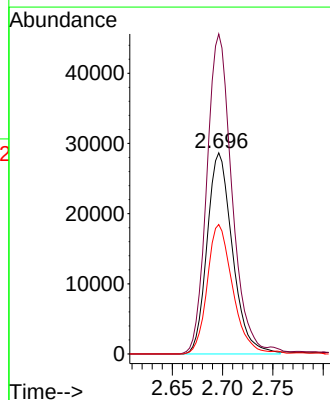
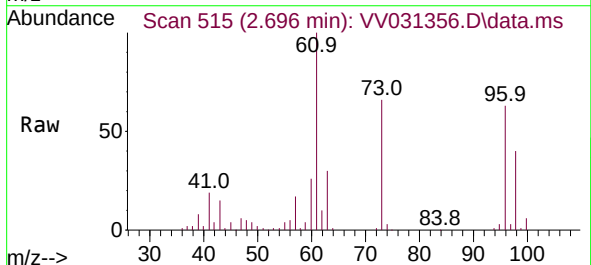
Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

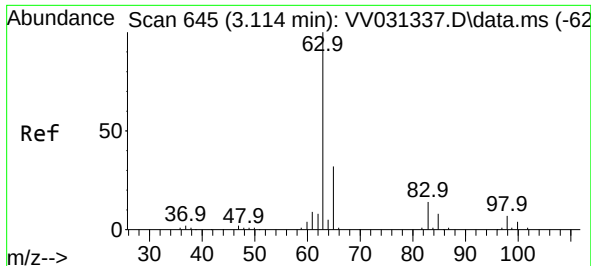
Tgt Ion: 73 Resp: 135684
Ion Ratio Lower Upper
73 100
43 21.6 17.8 26.8
57 23.7 19.8 29.8



#18
trans-1,2-Dichloroethene
Concen: 4.254 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion: 96 Resp: 50305
Ion Ratio Lower Upper
96 100
61 159.1 114.2 212.0
98 64.4 45.0 83.6

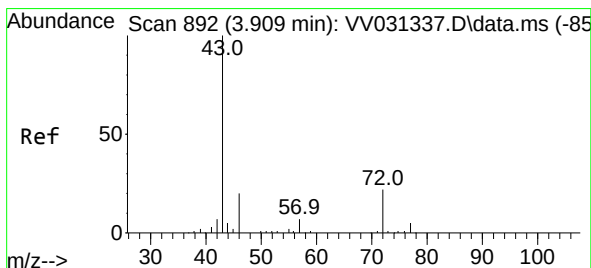
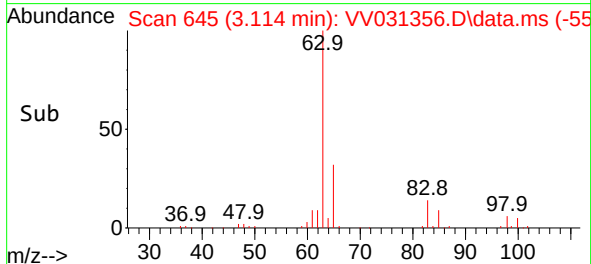
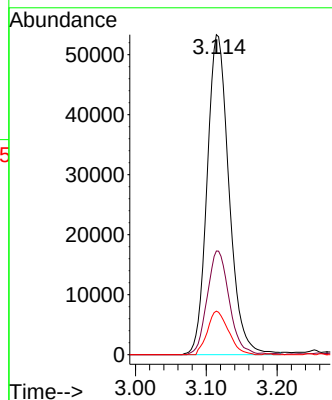
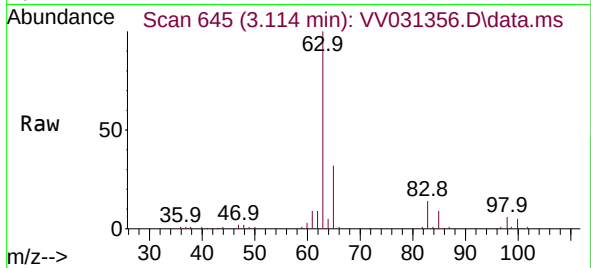




#19
1,1-Dichloroethane
Concen: 4.367 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

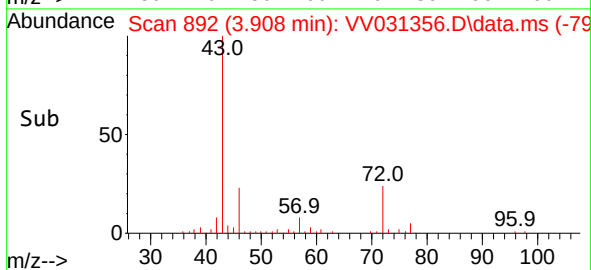
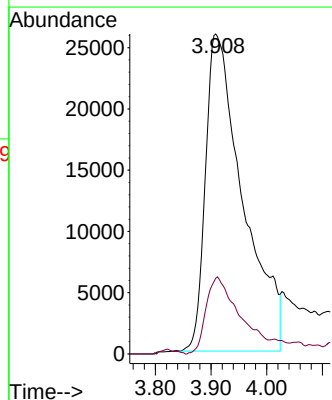
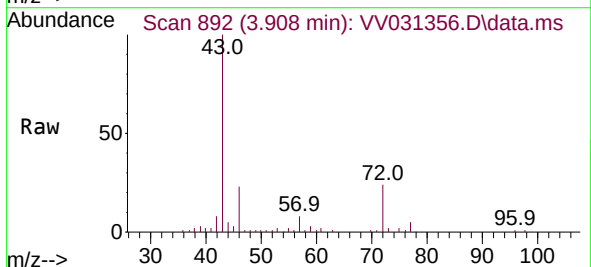
Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

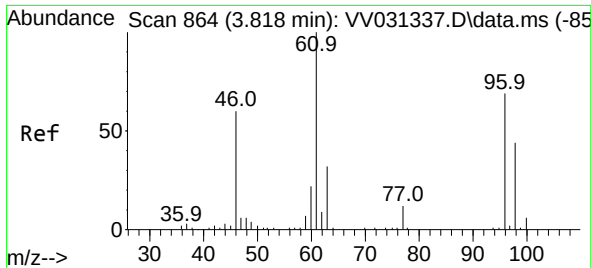
Tgt Ion: 63 Resp: 114695
Ion Ratio Lower Upper
63 100
65 32.4 22.0 40.8
83 13.6 9.0 16.6



#21
2-Butanone
Concen: 25.660 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion: 43 Resp: 121195
Ion Ratio Lower Upper
43 100
72 22.0 7.8 23.5

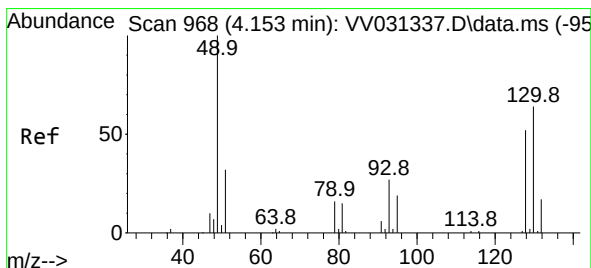
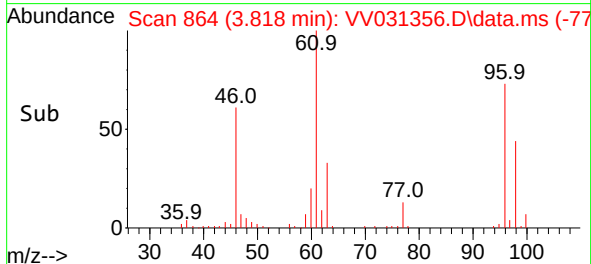
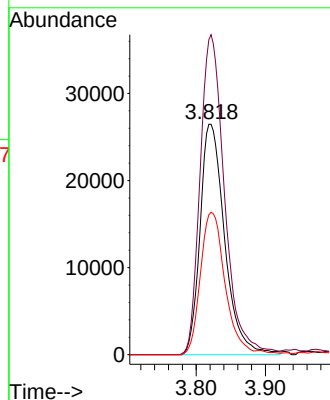
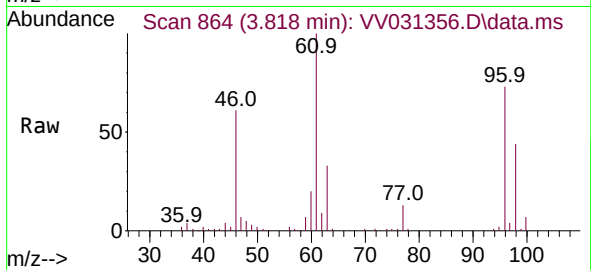




#22
 cis-1,2-Dichloroethene
 Concen: 5.453 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VV031356.D
 Acq: 05 Jun 2023 18:52

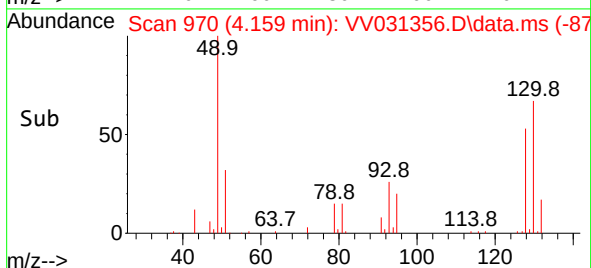
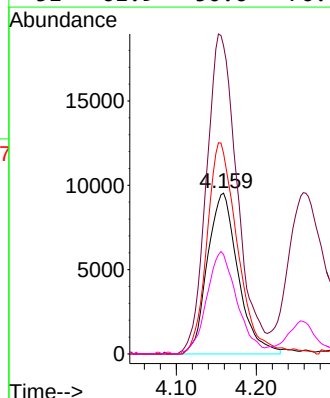
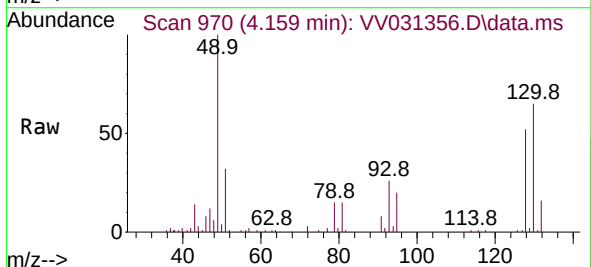
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27MS

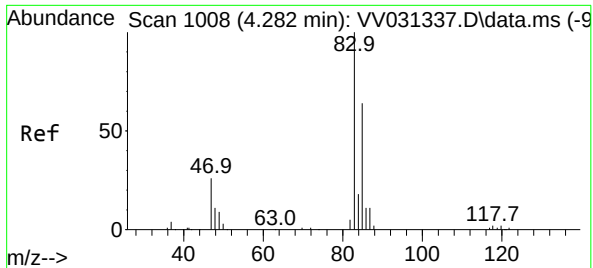
Tgt Ion: 96 Resp: 65345
 Ion Ratio Lower Upper
 96 100
 61 136.7 100.8 187.2
 98 60.7 45.1 83.9



#23
 Bromochloromethane
 Concen: 4.476 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.006 min
 Lab File: VV031356.D
 Acq: 05 Jun 2023 18:52

Tgt Ion:128 Resp: 25356
 Ion Ratio Lower Upper
 128 100
 49 191.6 148.1 275.0
 130 124.7 89.9 166.9
 51 61.9 50.6 76.0

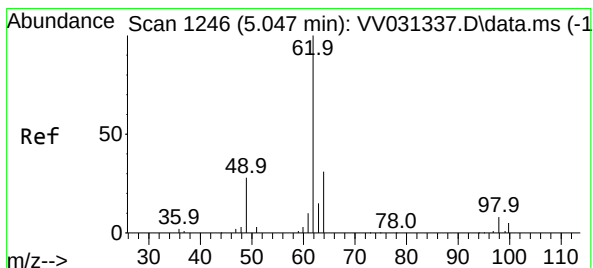
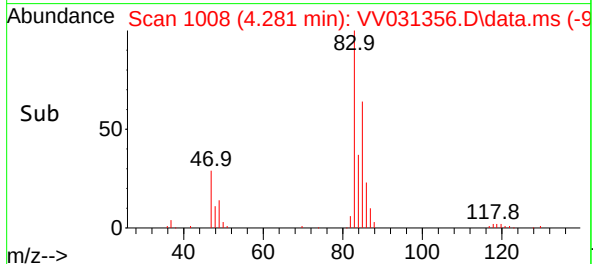
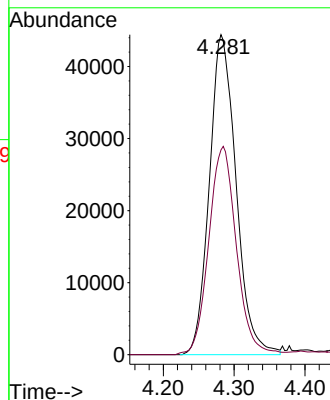
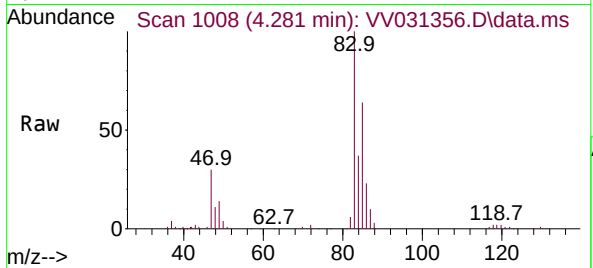




#25
Chloroform
Concen: 4.235 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

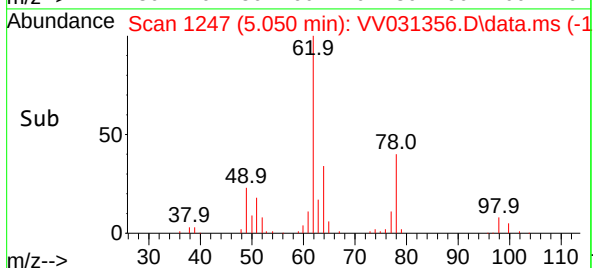
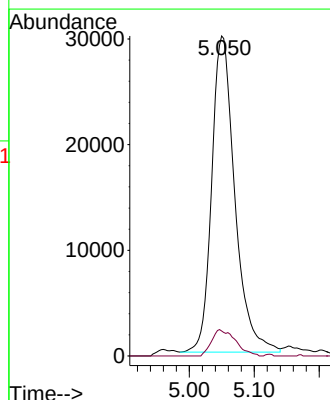
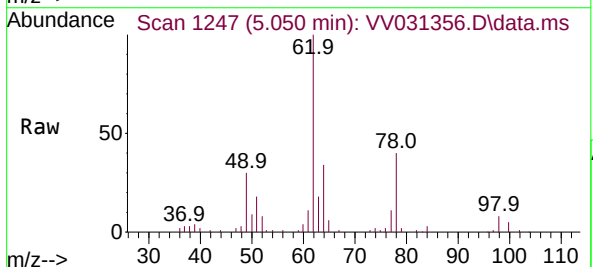
Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

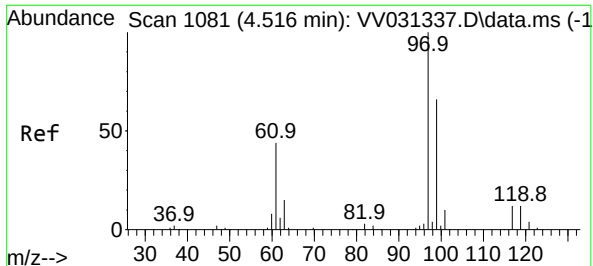
Tgt Ion: 83 Resp: 116312
Ion Ratio Lower Upper
83 100
85 64.0 44.9 83.3



#27
1,2-Dichloroethane
Concen: 4.634 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion: 62 Resp: 73983
Ion Ratio Lower Upper
62 100
98 7.8 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.726 ug/L

RT: 4.519 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

F6C27MS

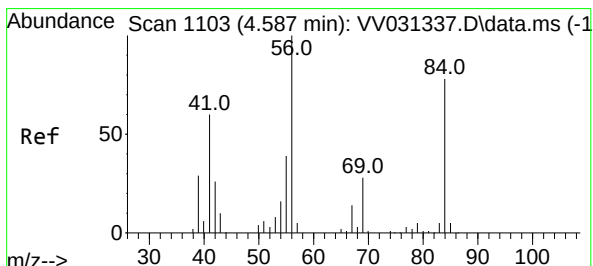
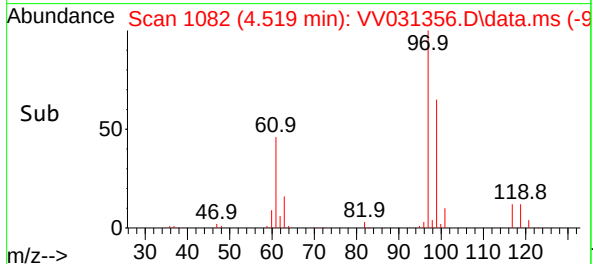
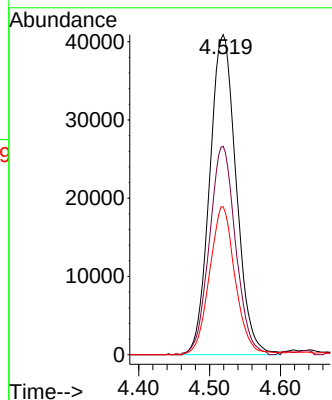
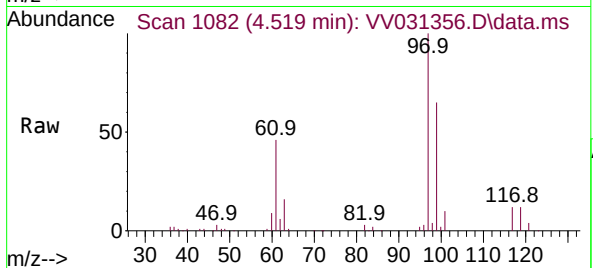
Tgt Ion: 97 Resp: 106388

Ion Ratio Lower Upper

97 100

99 64.4 52.2 78.4

61 44.8 36.4 54.6



#30

Cyclohexane

Concen: 4.207 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

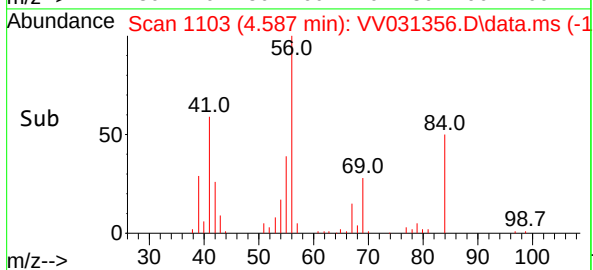
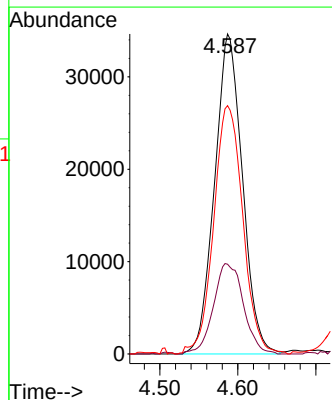
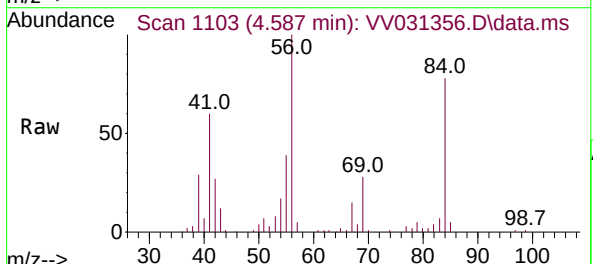
Tgt Ion: 56 Resp: 85986

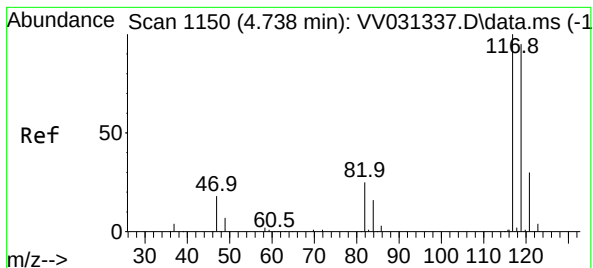
Ion Ratio Lower Upper

56 100

69 30.5 23.2 34.8

84 81.3 58.5 87.7





#31

Carbon tetrachloride

Concen: 4.719 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

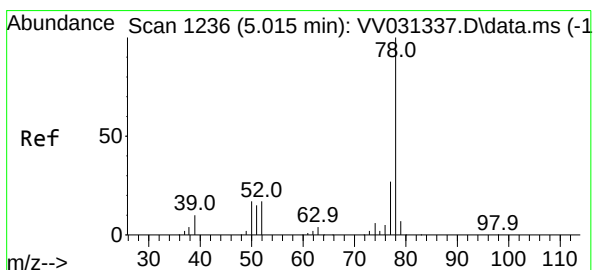
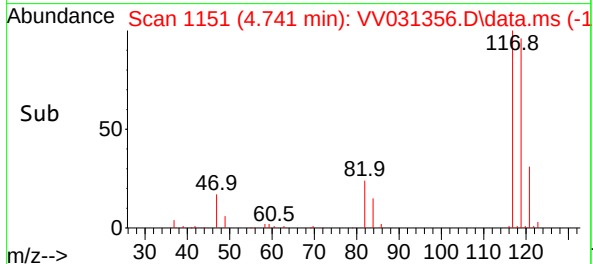
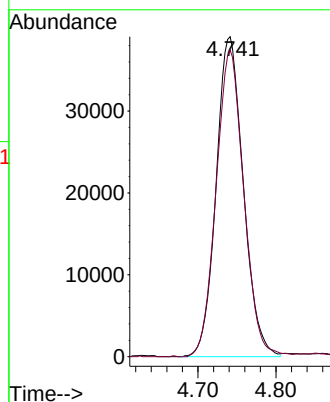
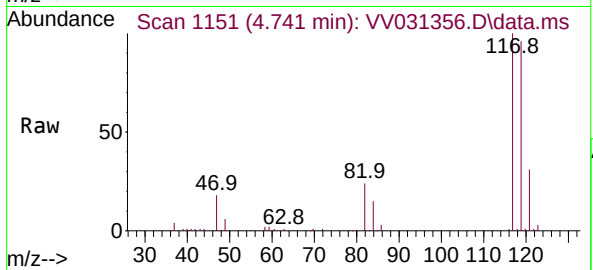
F6C27MS

Tgt Ion:117 Resp: 94753

Ion Ratio Lower Upper

117 100

119 97.5 76.3 114.5



#33

Benzene

Concen: 4.738 ug/L

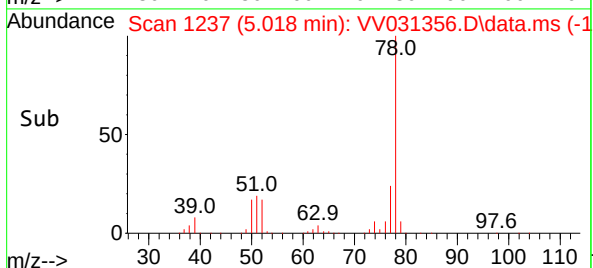
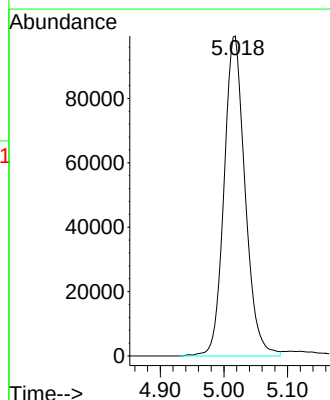
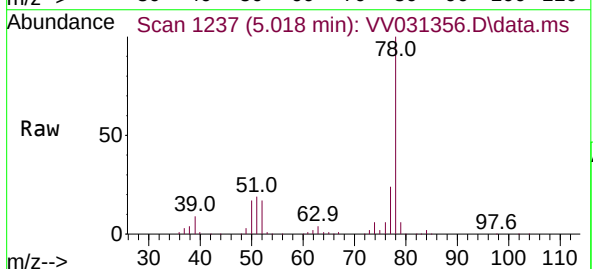
RT: 5.018 min Scan# 1237

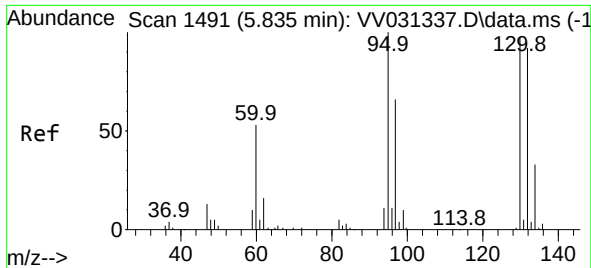
Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Tgt Ion: 78 Resp: 228324



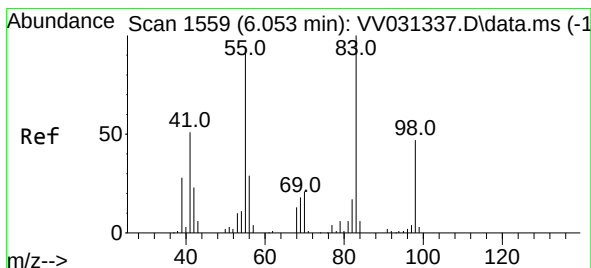
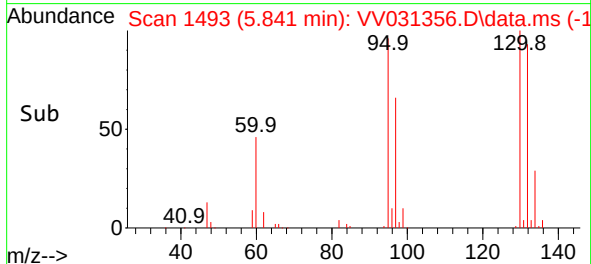
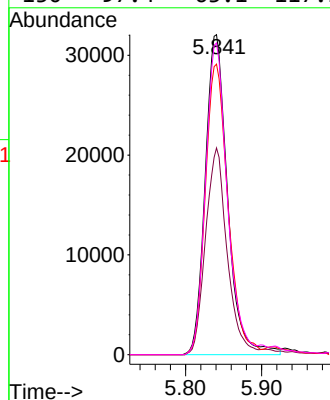
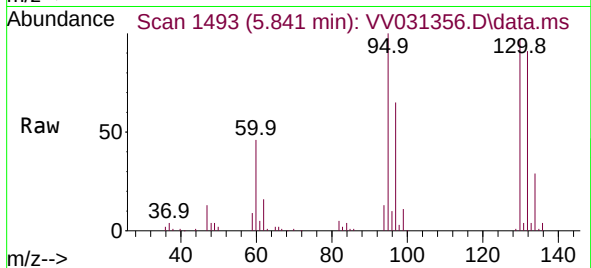


#34
Trichloroethene
Concen: 5.023 ug/L
RT: 5.841 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

Tgt Ion: 95 Resp: 65373

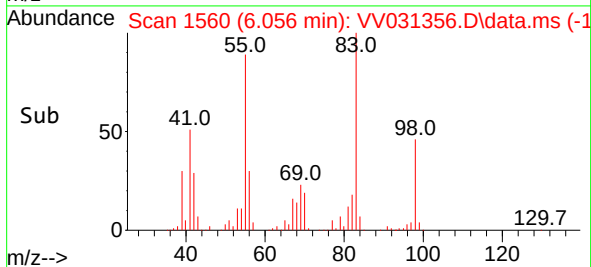
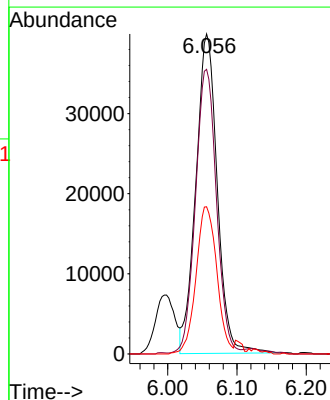
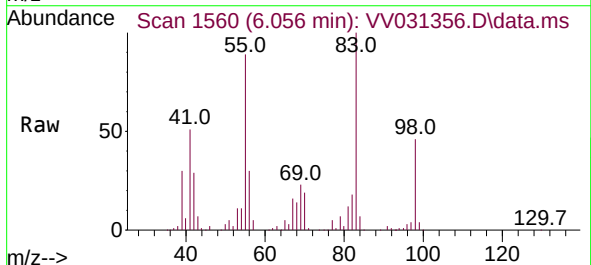
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.1	85.5
132	90.8	64.5	119.9
130	97.4	63.1	117.1

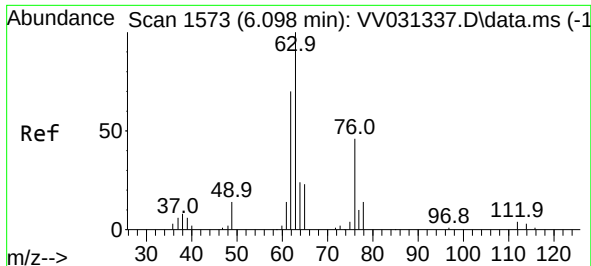


#35
Methylcyclohexane
Concen: 4.426 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion: 83 Resp: 85763

Ion	Ratio	Lower	Upper
83	100		
55	86.9	74.6	112.0
98	44.7	36.5	54.7





#37

1,2-Dichloropropane

Concen: 4.573 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

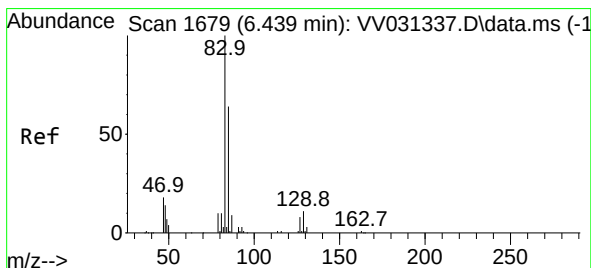
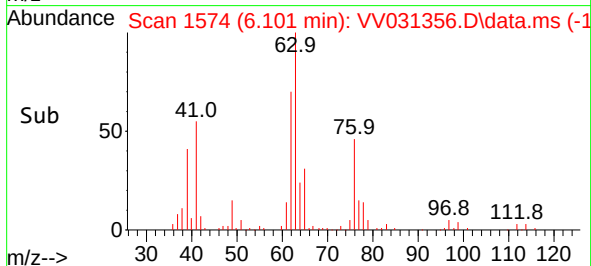
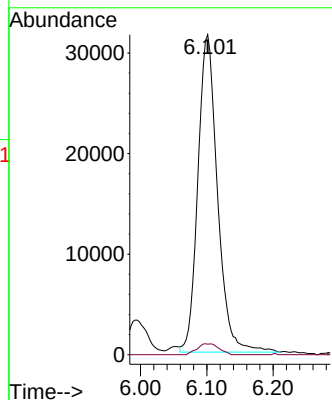
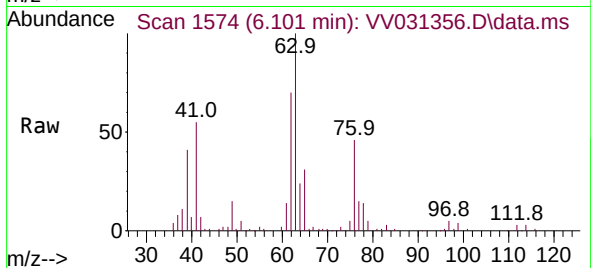
F6C27MS

Tgt Ion: 63 Resp: 64862

Ion Ratio Lower Upper

63 100

112 3.8 3.8 5.6



#38

Bromodichloromethane

Concen: 4.569 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

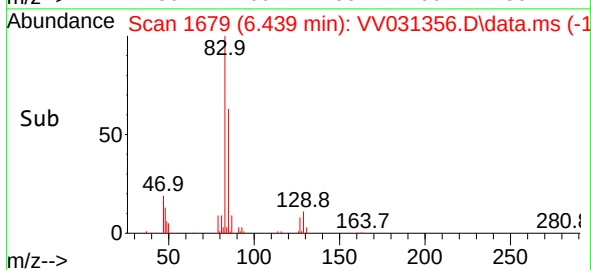
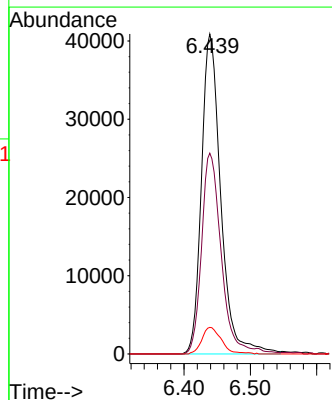
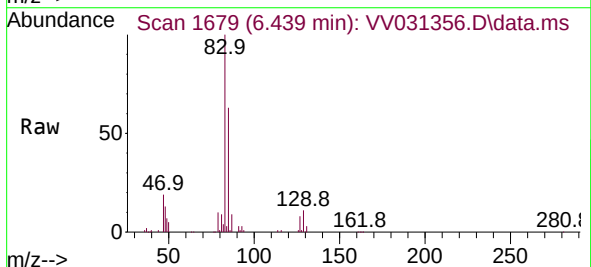
Tgt Ion: 83 Resp: 82851

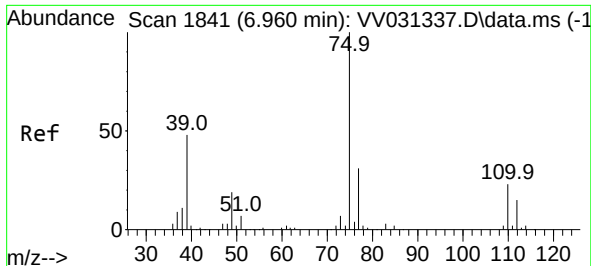
Ion Ratio Lower Upper

83 100

85 62.7 44.3 82.3

127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.459 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

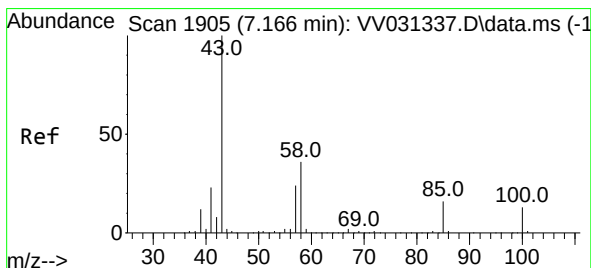
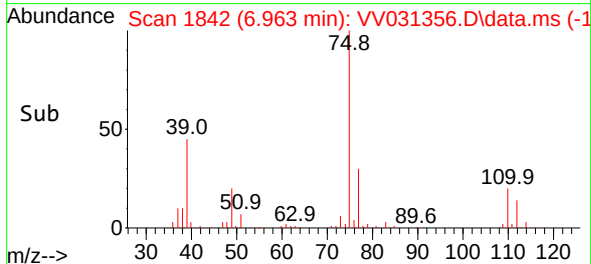
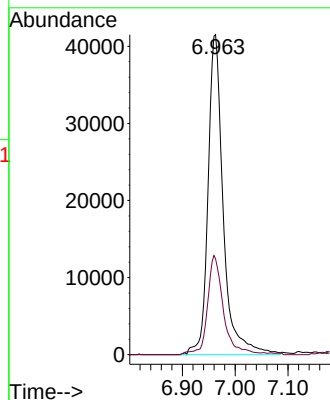
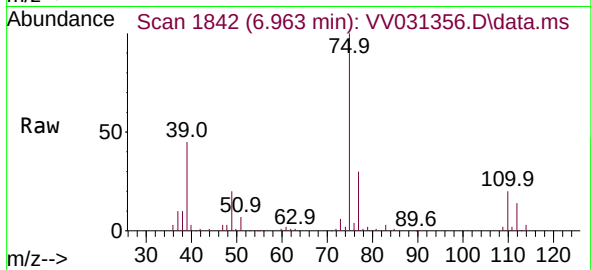
F6C27MS

Tgt Ion: 75 Resp: 83012

Ion Ratio Lower Upper

75 100

77 29.9 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 49.221 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

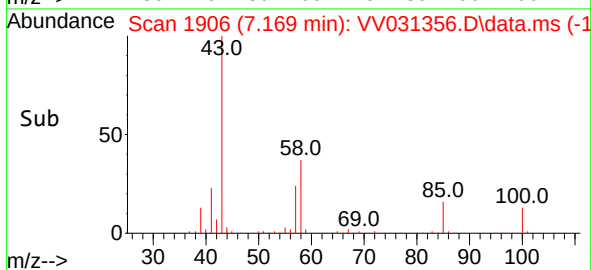
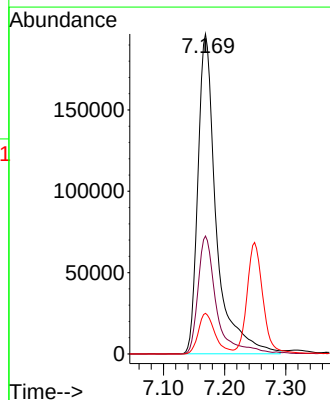
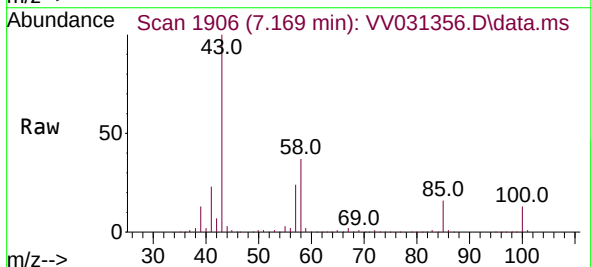
Tgt Ion: 43 Resp: 409604

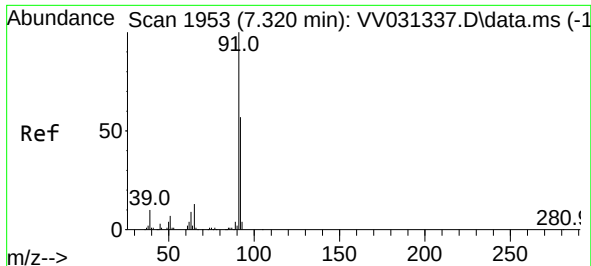
Ion Ratio Lower Upper

43 100

58 37.2 30.2 45.4

100 11.7 9.0 13.6





#42

Toluene

Concen: 4.817 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

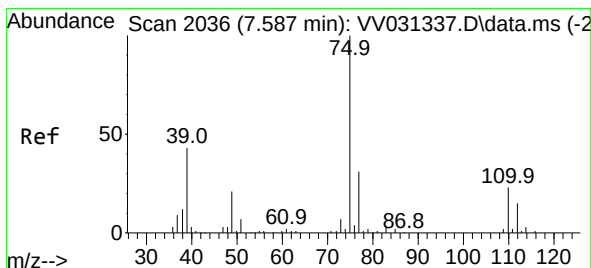
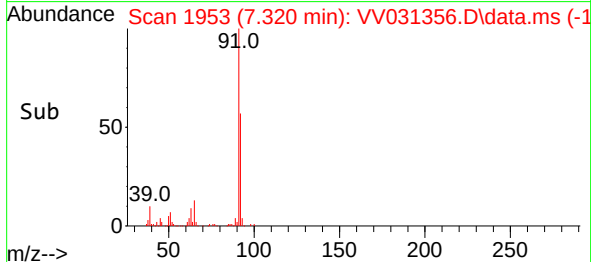
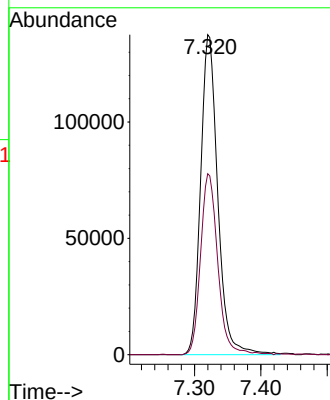
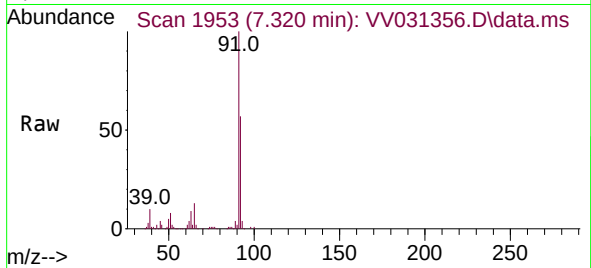
F6C27MS

Tgt Ion: 91 Resp: 246319

Ion Ratio Lower Upper

91 100

92 56.5 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 4.614 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031356.D

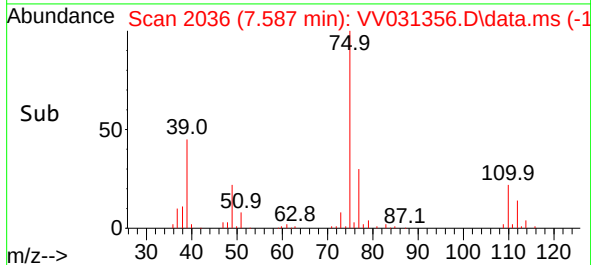
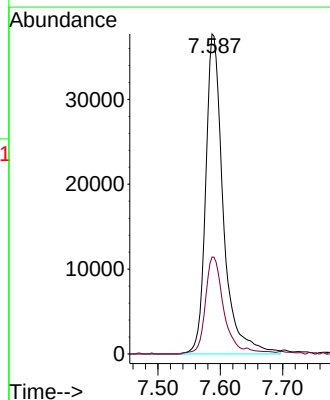
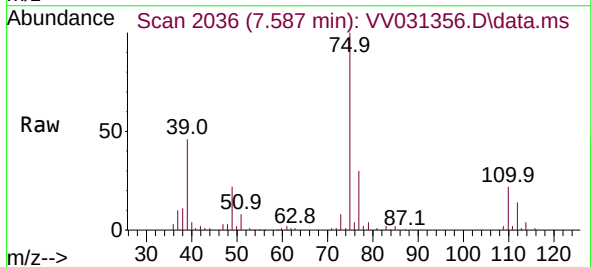
Acq: 05 Jun 2023 18:52

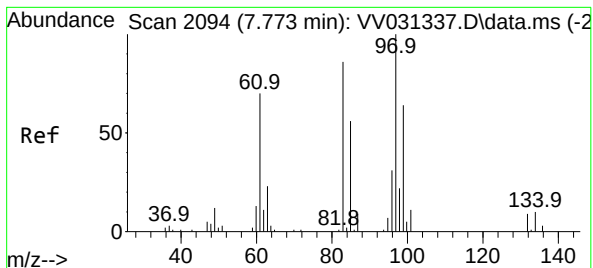
Tgt Ion: 75 Resp: 73883

Ion Ratio Lower Upper

75 100

77 30.3 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 4.701 ug/L

RT: 7.776 min Scan# 2094

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

F6C27MS

Tgt Ion: 97 Resp: 45258

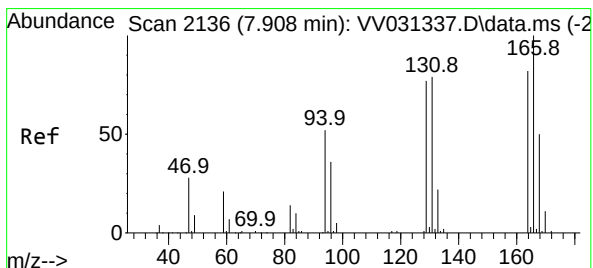
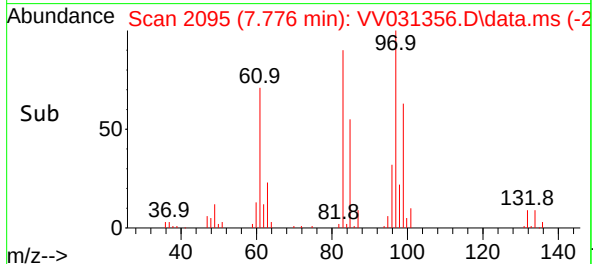
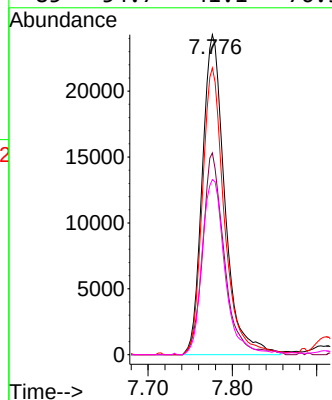
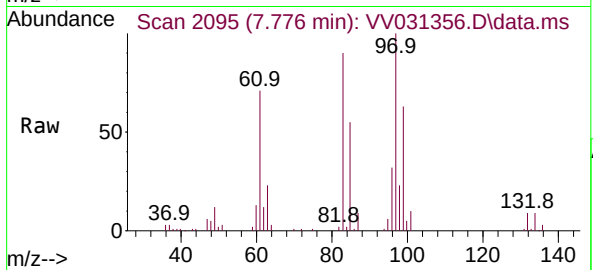
Ion Ratio Lower Upper

97 100

99 63.1 43.1 80.1

83 89.6 63.1 117.1

85 54.7 41.1 76.3



#47

Tetrachloroethene

Concen: 10.032 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Tgt Ion: 164 Resp: 101745

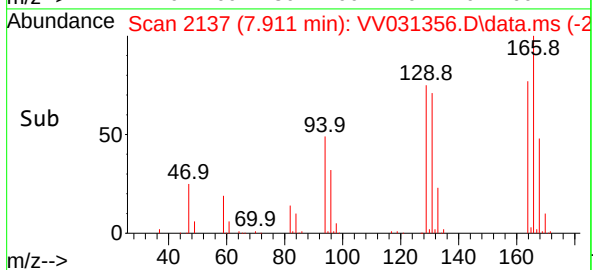
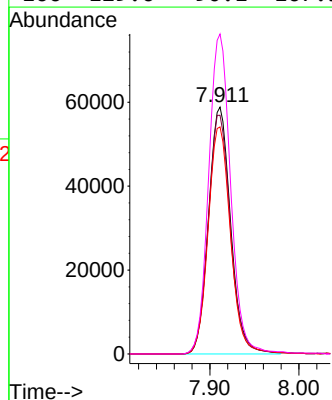
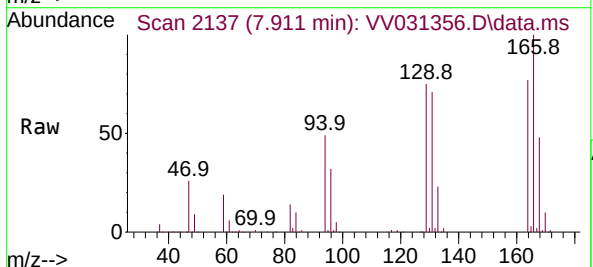
Ion Ratio Lower Upper

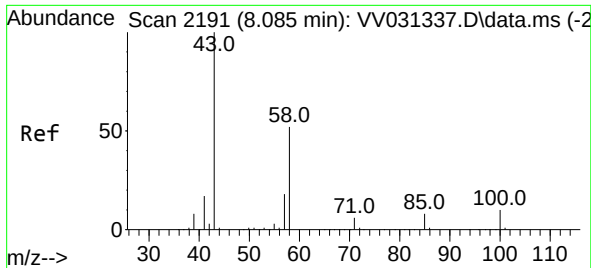
164 100

129 96.8 66.0 122.6

131 92.0 65.3 121.3

166 129.6 90.1 167.3



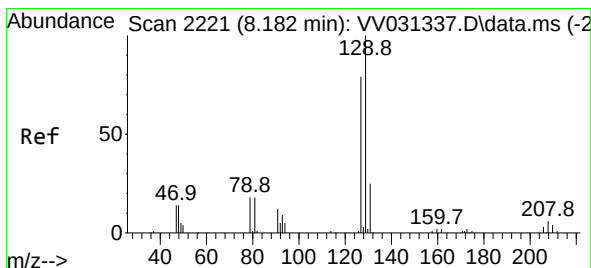
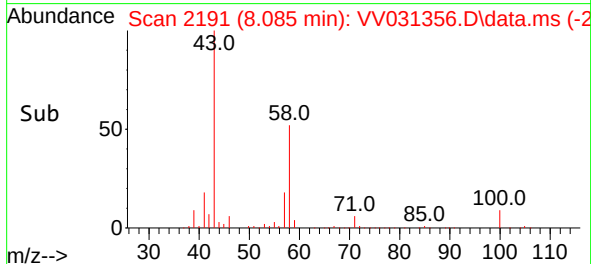
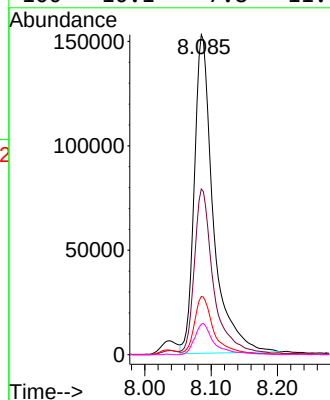
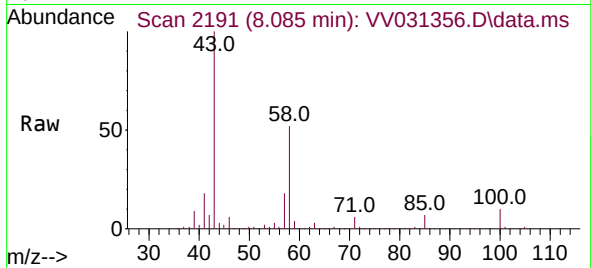


#48
2-Hexanone
Concen: 45.894 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

Tgt Ion: 43 Resp: 303306

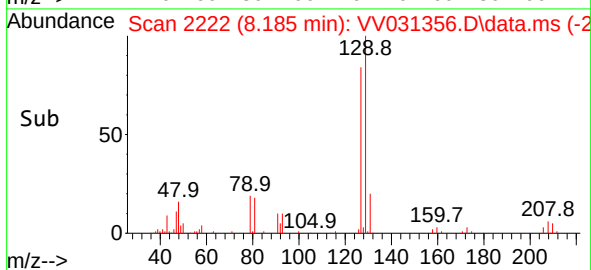
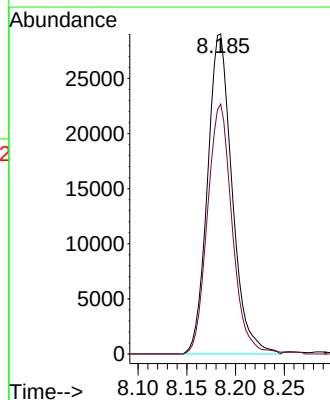
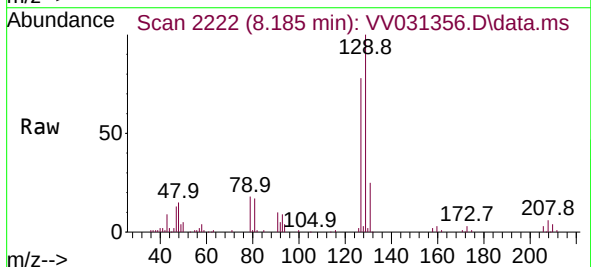
Ion	Ratio	Lower	Upper
43	100		
58	51.8	41.1	61.7
57	18.4	14.4	21.6
100	10.1	7.8	11.6

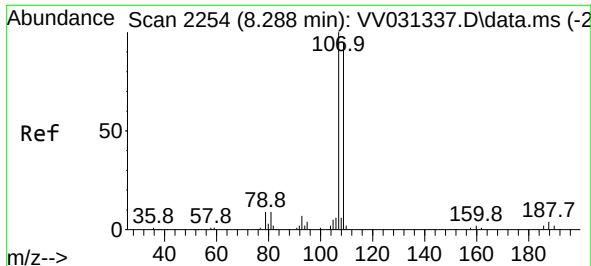


#49
Dibromochloromethane
Concen: 4.754 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion: 129 Resp: 51105

Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.0	102.2





#50

1,2-Dibromoethane

Concen: 4.758 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

F6C27MS

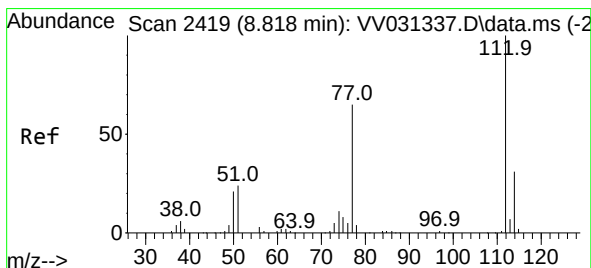
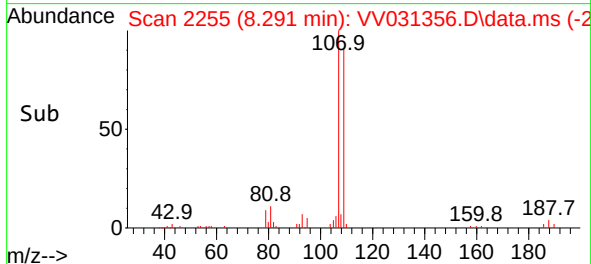
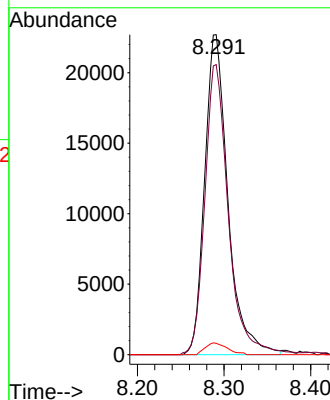
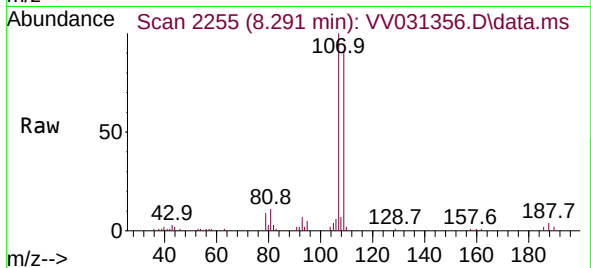
Tgt Ion:107 Resp: 42365

Ion Ratio Lower Upper

107 100

109 90.7 62.2 115.4

188 3.5 3.0 4.4



#51

Chlorobenzene

Concen: 4.691 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

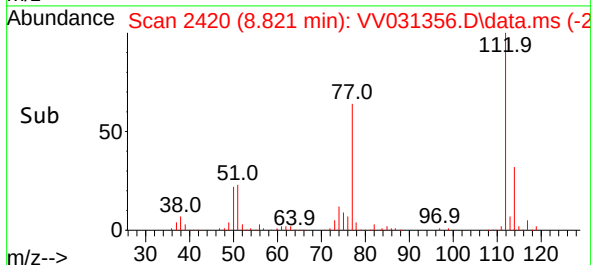
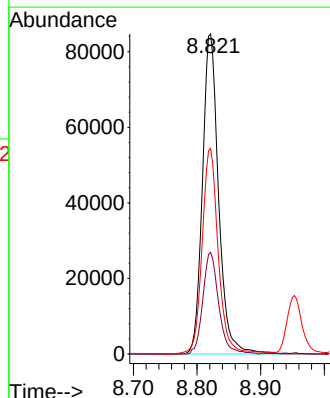
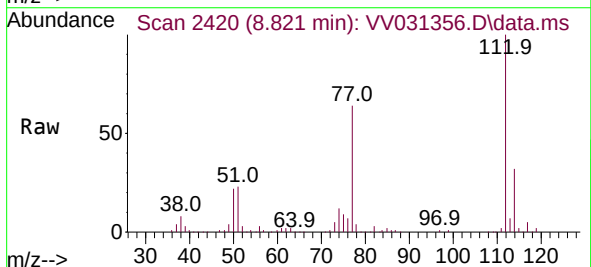
Tgt Ion:112 Resp: 149434

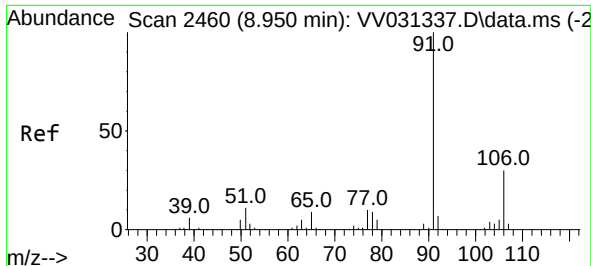
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.1

77 64.2 52.2 78.2





#52

Ethylbenzene

Concen: 4.656 ug/L

RT: 8.953 min Scan# 2460

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

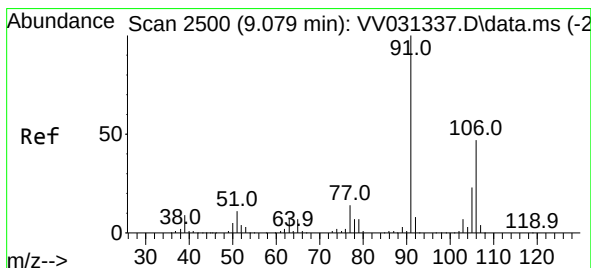
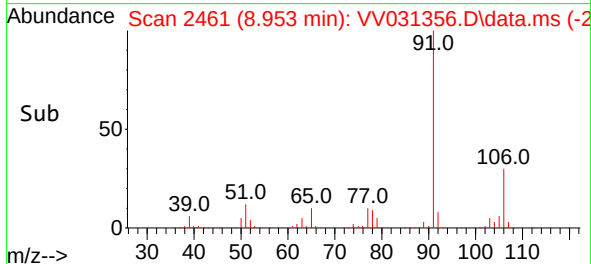
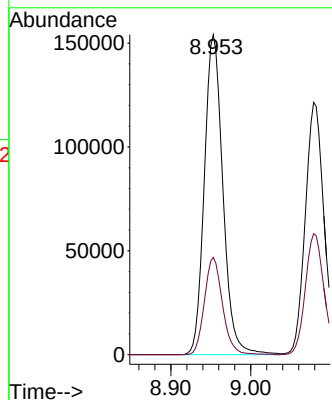
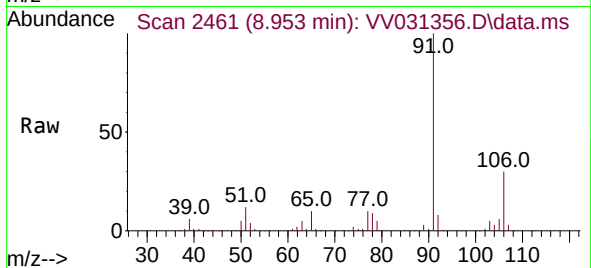
F6C27MS

Tgt Ion: 91 Resp: 249039

Ion Ratio Lower Upper

91 100

106 30.4 20.0 37.2



#53

m,p-Xylene

Concen: 5.010 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.000 min

Lab File: VV031356.D

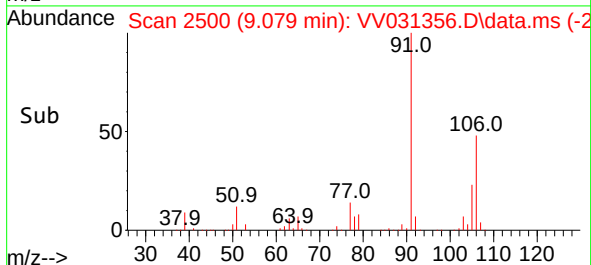
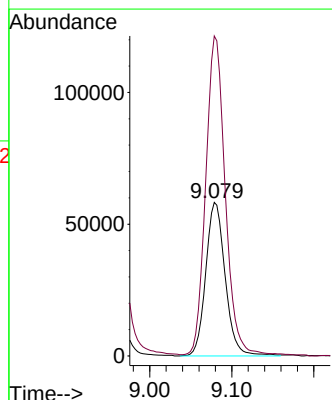
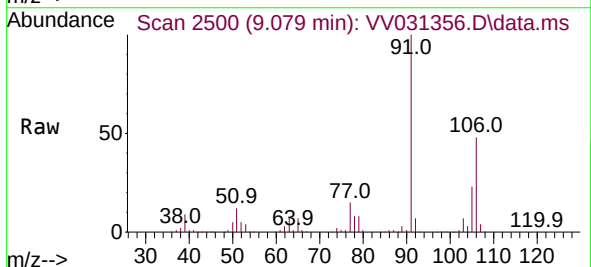
Acq: 05 Jun 2023 18:52

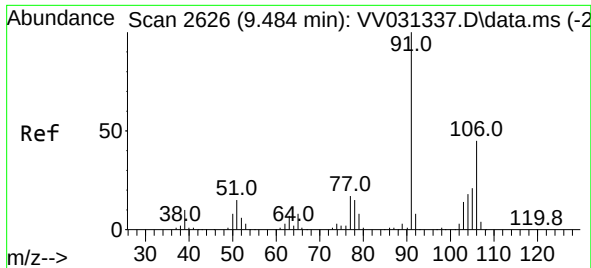
Tgt Ion:106 Resp: 96400

Ion Ratio Lower Upper

106 100

91 208.4 154.3 286.5

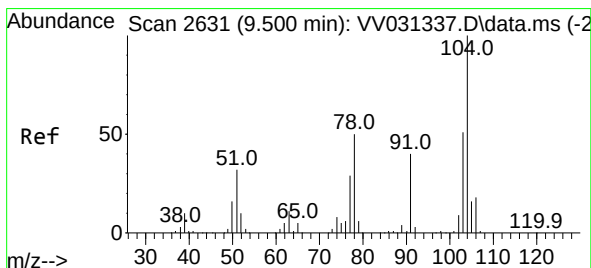
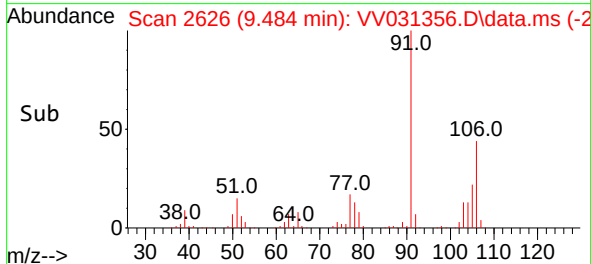
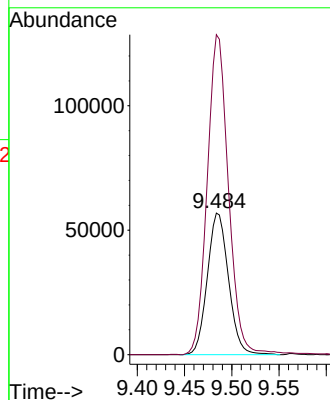
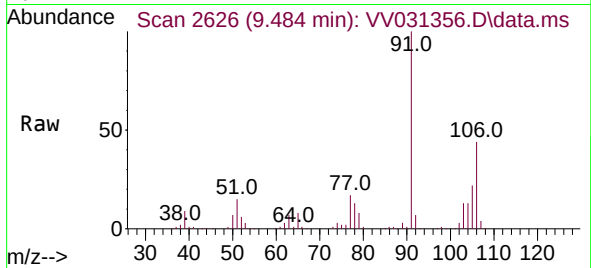




#54
o-Xylene
Concen: 4.917 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

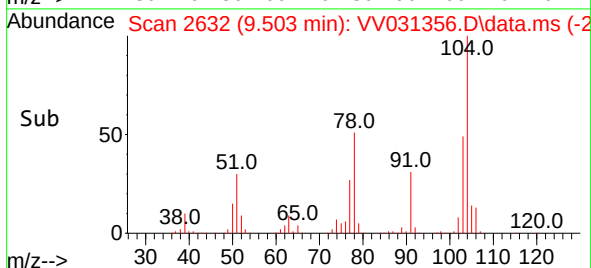
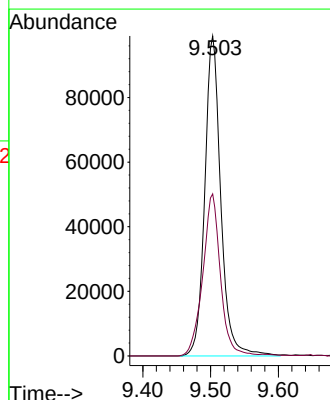
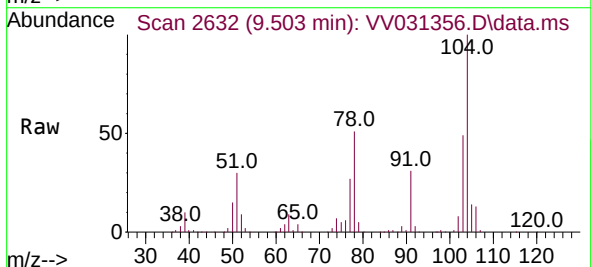
Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

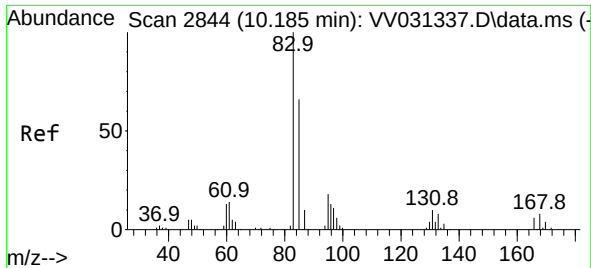
Tgt Ion:106 Resp: 88674
Ion Ratio Lower Upper
106 100
91 226.1 159.0 295.4



#55
Styrene
Concen: 5.072 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.003 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion:104 Resp: 162689
Ion Ratio Lower Upper
104 100
78 50.6 35.9 66.7

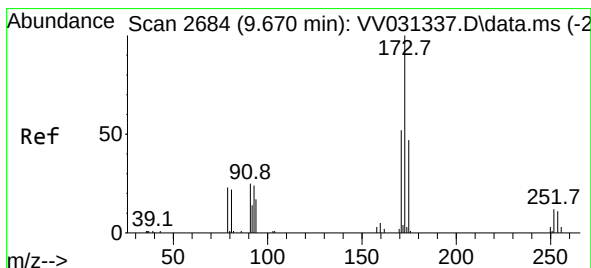
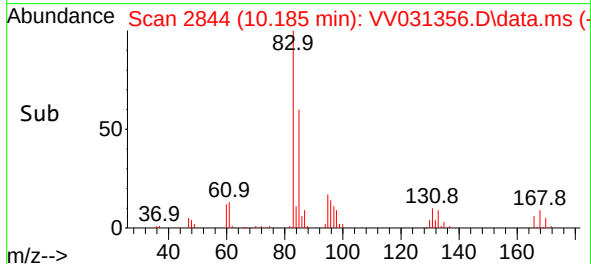
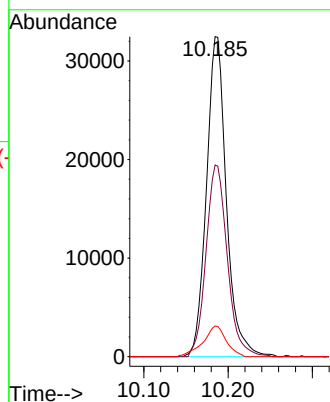
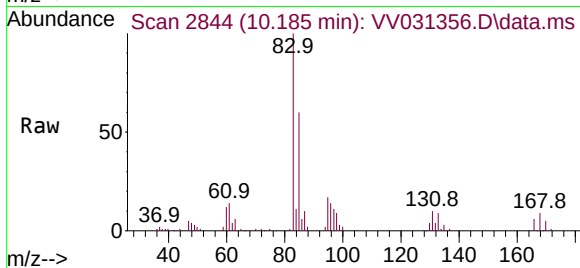




#57
1,1,2,2-Tetrachloroethane
Concen: 4.659 ug/L
RT: 10.185 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

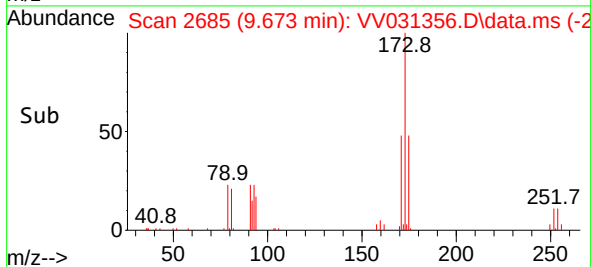
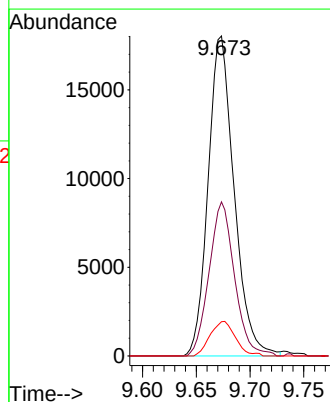
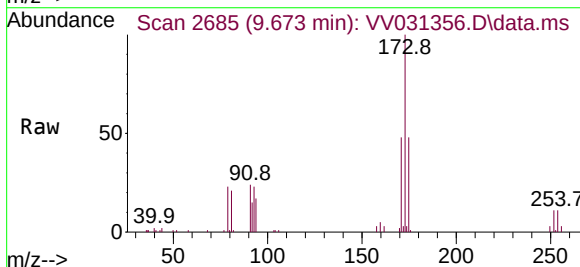
Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

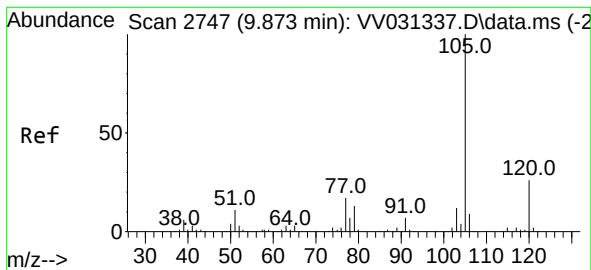
Tgt Ion:	83	Resp:	53467
Ion Ratio	Lower	Upper	
83	100		
85	59.9	45.0	83.6
131	9.6	7.3	10.9



#59
Bromoform
Concen: 4.885 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion:	173	Resp:	30352
Ion Ratio	Lower	Upper	
173	100		
175	47.1	38.9	58.3
254	10.5	7.8	11.8





#60

Isopropylbenzene

Concen: 4.479 ug/L

RT: 9.873 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

F6C27MS

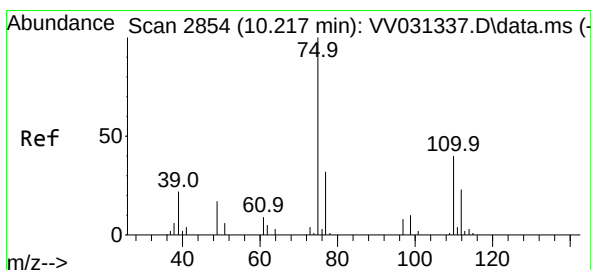
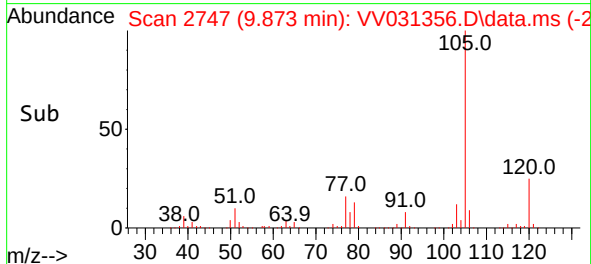
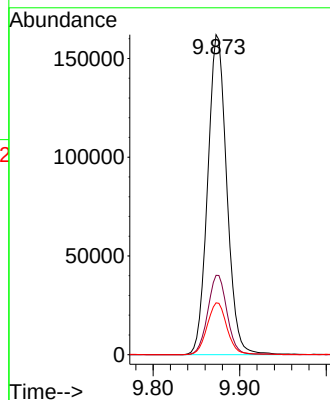
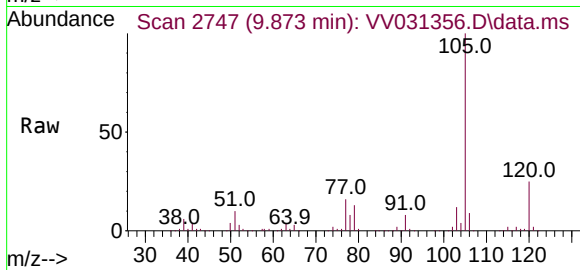
Tgt Ion:105 Resp: 248105

Ion Ratio Lower Upper

105 100

120 25.2 19.9 29.9

77 16.9 14.2 21.2



#61

1,2,3-Trichloropropane

Concen: 4.257 ug/L

RT: 10.217 min Scan# 2854

Delta R.T. -0.000 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

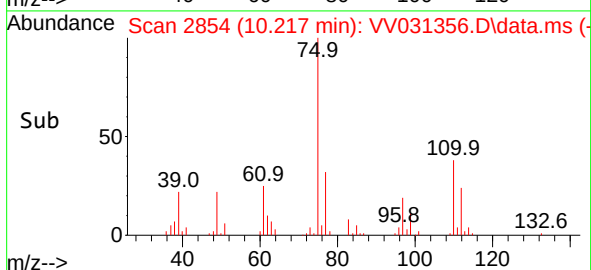
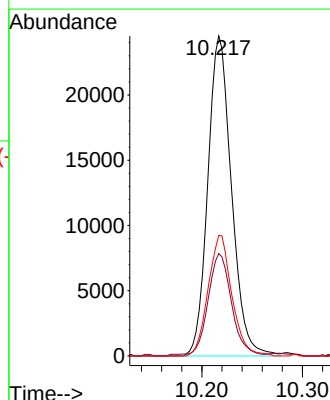
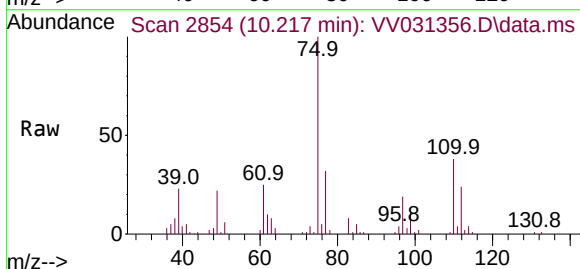
Tgt Ion: 75 Resp: 40106

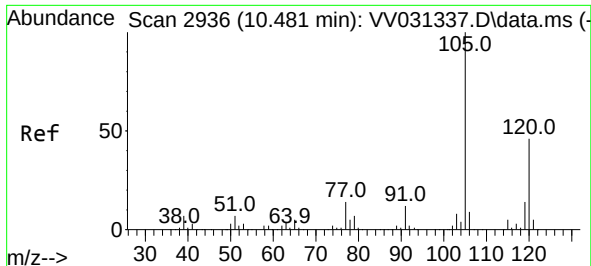
Ion Ratio Lower Upper

75 100

77 32.0 27.3 40.9

110 37.7 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 4.264 ug/L

RT: 10.484 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VV031356.D

Acq: 05 Jun 2023 18:52

Instrument :

MSVOA_V

ClientSampleId :

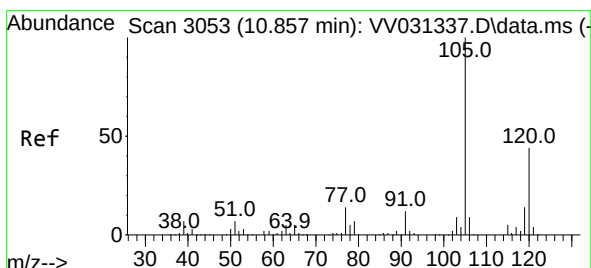
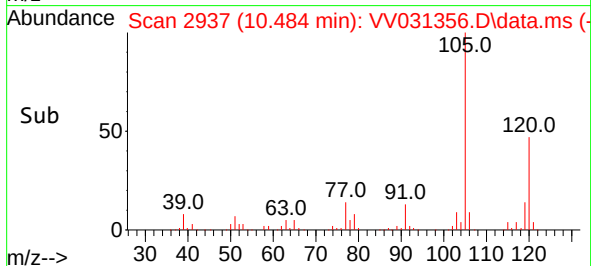
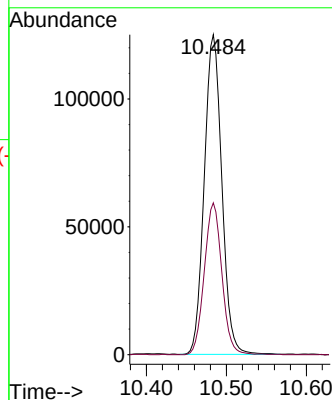
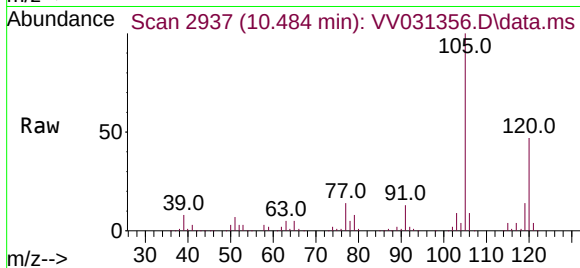
F6C27MS

Tgt Ion:105 Resp: 191383

Ion Ratio Lower Upper

105 100

120 47.5 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 4.359 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV031356.D

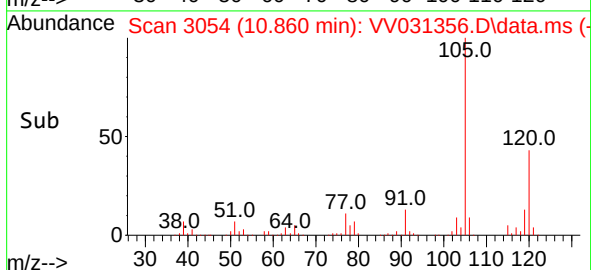
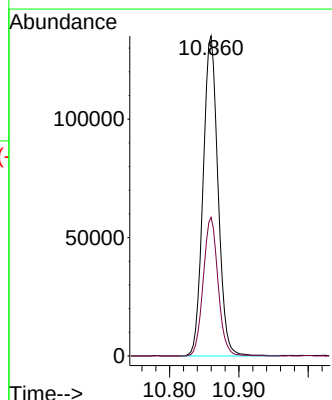
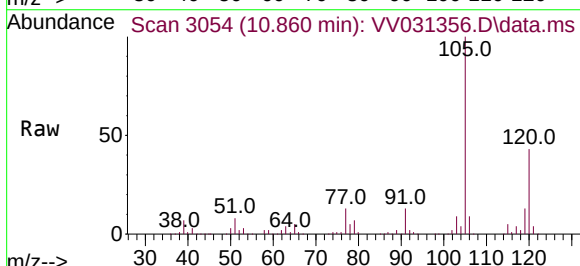
Acq: 05 Jun 2023 18:52

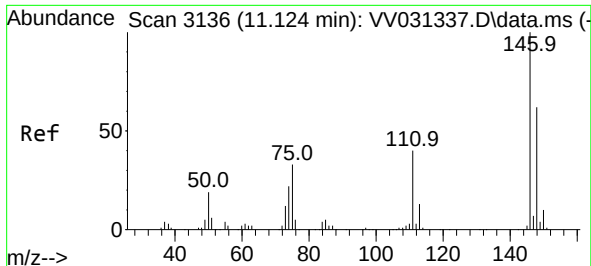
Tgt Ion:105 Resp: 201960

Ion Ratio Lower Upper

105 100

120 43.0 33.2 49.8

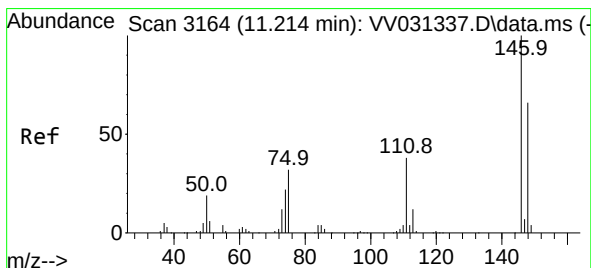
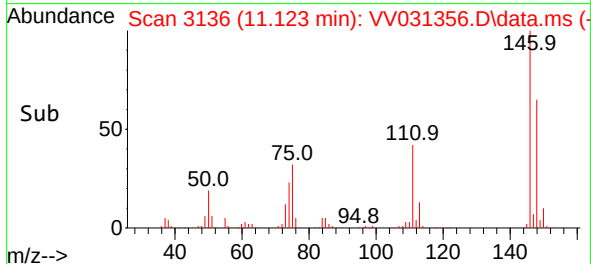
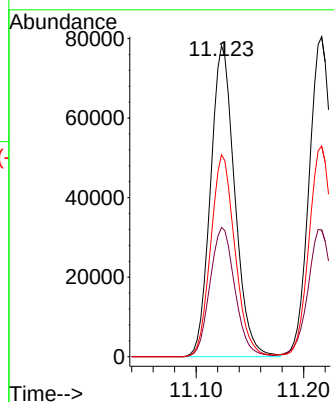
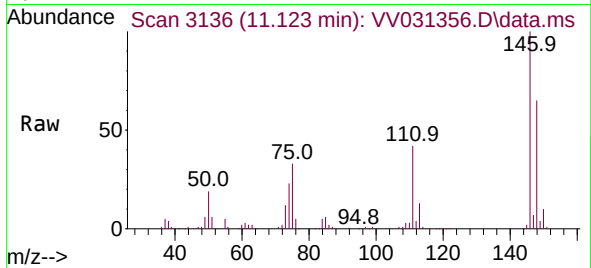




#64
1,3-Dichlorobenzene
Concen: 4.568 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

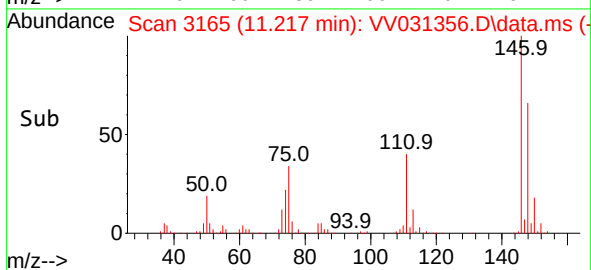
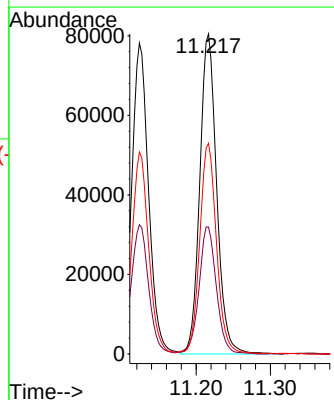
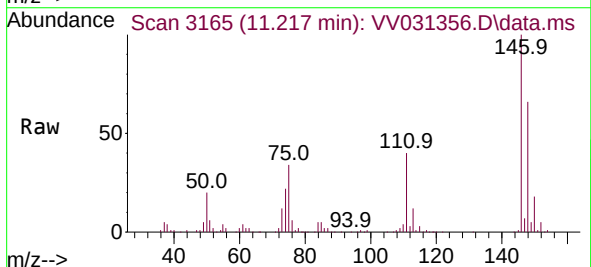
Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

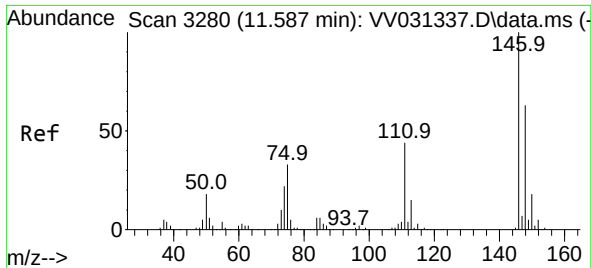
Tgt Ion:146 Resp: 122549
Ion Ratio Lower Upper
146 100
111 41.6 31.1 57.9
148 64.9 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.529 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion:146 Resp: 127254
Ion Ratio Lower Upper
146 100
111 39.7 28.4 52.8
148 65.9 44.2 82.0

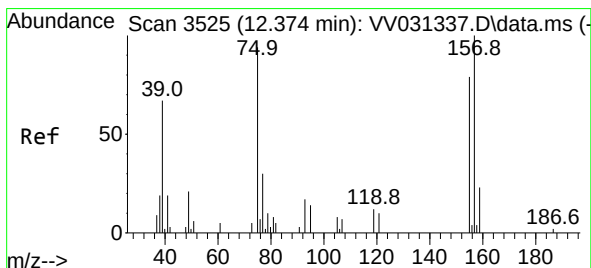
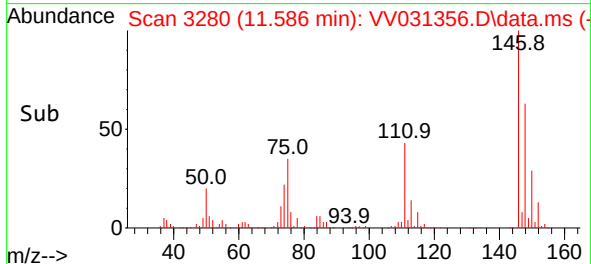
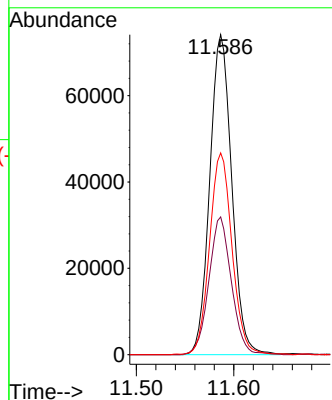
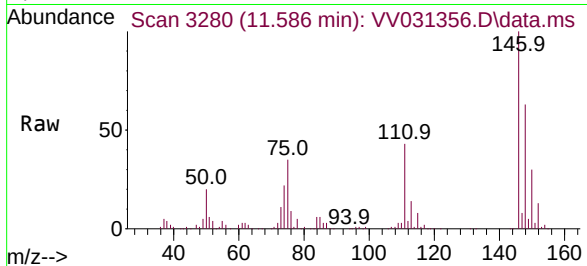




#67
1,2-Dichlorobenzene
Concen: 4.517 ug/L
RT: 11.586 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

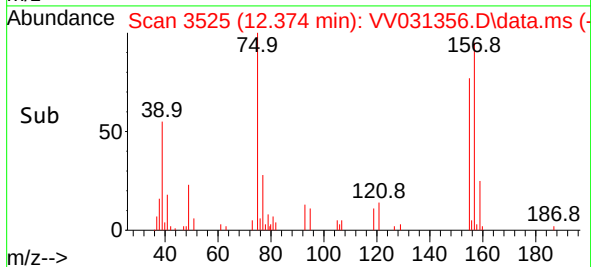
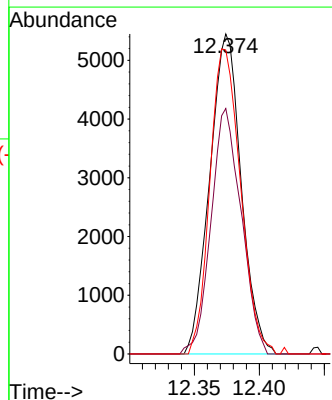
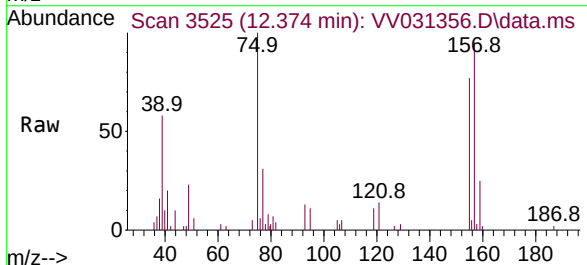
Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

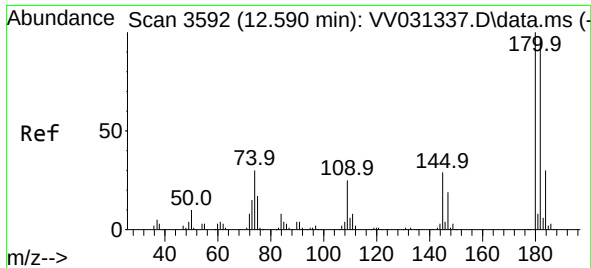
Tgt Ion:146 Resp: 116238
Ion Ratio Lower Upper
146 100
111 43.0 36.6 54.8
148 63.1 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.239 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion: 75 Resp: 9162
Ion Ratio Lower Upper
75 100
155 76.7 54.6 82.0
157 95.0 72.7 109.1

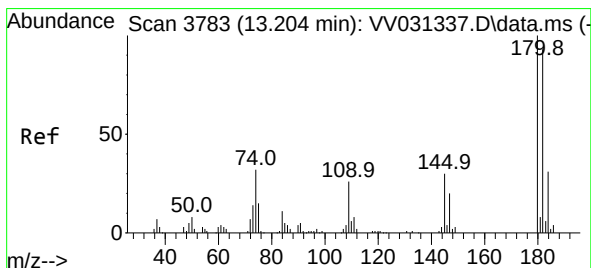
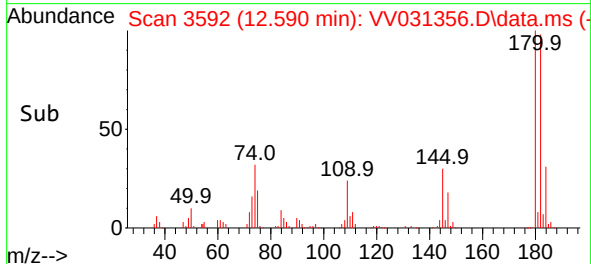
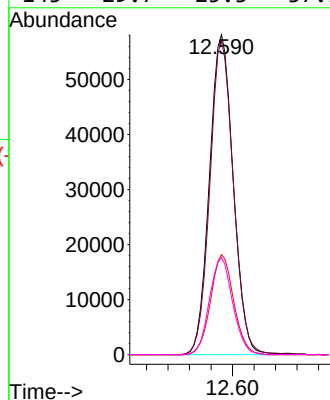
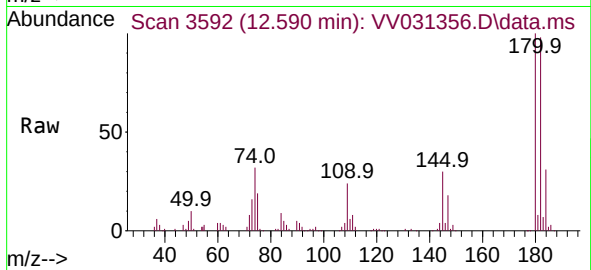




#69
 1,3,5-Trichlorobenzene
 Concen: 4.480 ug/L
 RT: 12.590 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV031356.D
 Acq: 05 Jun 2023 18:52

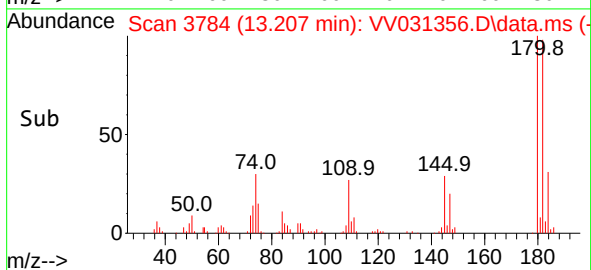
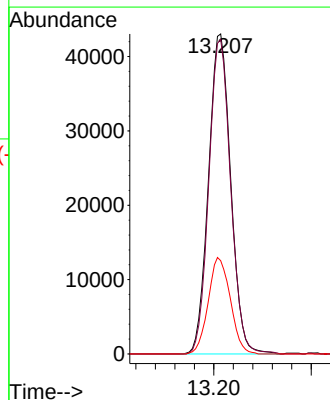
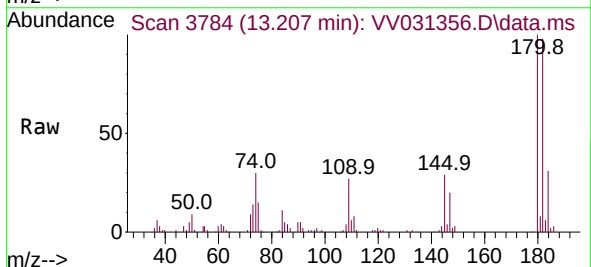
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27MS

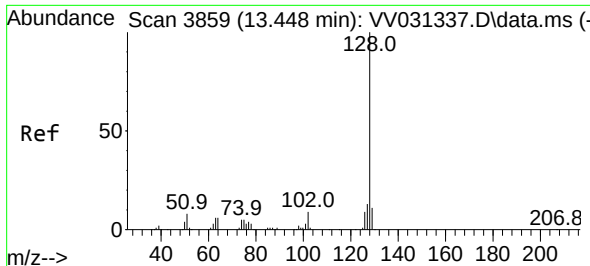
Tgt Ion:180	Resp:	89315
Ion Ratio	Lower	Upper
180	100	
182	97.0	76.1 114.1
184	30.4	23.8 35.6
145	29.7	25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.259 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.003 min
 Lab File: VV031356.D
 Acq: 05 Jun 2023 18:52

Tgt Ion:180	Resp:	68096
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.7 115.1
145	30.0	26.3 39.5

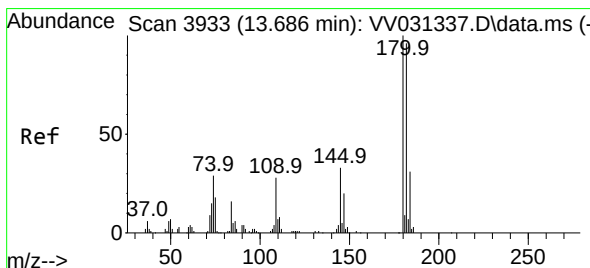
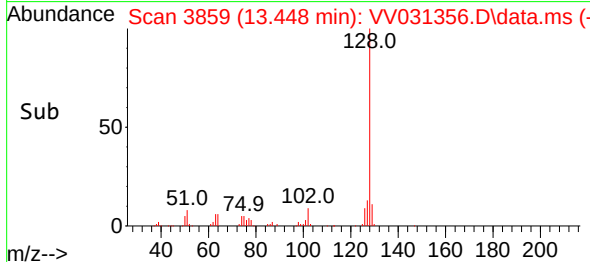
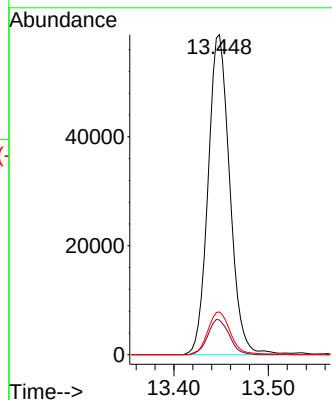
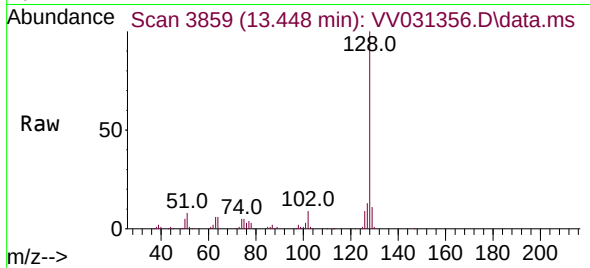




#71
Naphthalene
Concen: 3.810 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Instrument :
MSVOA_V
ClientSampleId :
F6C27MS

Tgt Ion:	128	Resp:	93461
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.9	11.4	17.2



#72
1,2,3-Trichlorobenzene
Concen: 4.305 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.003 min
Lab File: VV031356.D
Acq: 05 Jun 2023 18:52

Tgt Ion:	180	Resp:	61737
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.4	113.0
145	32.7	27.8	41.6

