

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027631.D
 Acq On : 31 Aug 2022 21:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	155431	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	75902	4.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.565	69	64208	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.105	63	151490	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.944	46	162943	57.075	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.160%
24) Chloroform-d	4.336	84	140821	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.027	65	73482	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.034	84	268126	4.813	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.069	67	94813	5.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.313	98	261421	5.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
43) trans-1,3-Dichloroprop...	7.625	79	26872	5.062	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.108	63	101810	50.998	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	56677	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	79314	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	100728	4.757	ug/L	98
3) Chloromethane	1.233	50	90256	4.452	ug/L	100
5) Vinyl chloride	1.304	62	85021	4.404	ug/L	96
6) Bromomethane	1.516	94	41671	4.593	ug/L	100
8) Chloroethane	1.581	64	51327	4.757	ug/L	94
9) Trichlorofluoromethane	1.751	101	120434	4.651	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	62026	4.400	ug/L	97
12) 1,1-Dichloroethene	2.114	96	60168	4.638	ug/L	99
13) Acetone	2.227	43	95737	49.560	ug/L	79
14) Carbon disulfide	2.285	76	171067	4.173	ug/L	100
15) Methyl Acetate	2.449	43	24535	4.787	ug/L	100
16) Methylene chloride	2.500	84	64935	3.967	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	139036	5.016	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	62921	4.279	ug/L	93
19) 1,1-Dichloroethane	3.179	63	126098	4.380	ug/L	99
21) 2-Butanone	4.031	43	153262	58.499	ug/L	86
22) cis-1,2-Dichloroethene	3.896	96	65965	4.494	ug/L	96
23) Bromochloromethane	4.236	128	26336	4.050	ug/L	96
25) Chloroform	4.365	83	129837	4.295	ug/L	97

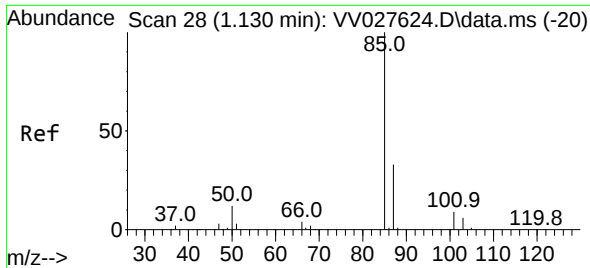
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027631.D
 Acq On : 31 Aug 2022 21:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:06:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	81328	4.928	ug/L	99
29) 1,1,1-Trichloroethane	4.587	97	118394	5.034	ug/L	99
30) Cyclohexane	4.648	56	108042	5.446	ug/L	98
31) Carbon tetrachloride	4.802	117	100527	4.995	ug/L	100
33) Benzene	5.082	78	265411	5.003	ug/L	100
34) Trichloroethene	5.899	95	75299	5.774	ug/L	96
35) Methylcyclohexane	6.114	83	107756	5.325	ug/L	99
37) 1,2-Dichloropropane	6.172	63	72087	5.381	ug/L #	97
38) Bromodichloromethane	6.513	83	86099	5.082	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	80985	4.952	ug/L	98
40) 4-Methyl-2-pentanone	7.256	43	327931	55.082	ug/L	98
42) Toluene	7.387	91	290217	5.479	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	69107	5.185	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	45395	5.254	ug/L	93
47) Tetrachloroethene	7.973	164	53086	5.021	ug/L	96
48) 2-Hexanone	8.159	43	247530	55.402	ug/L	99
49) Dibromochloromethane	8.249	129	52744	5.152	ug/L	95
50) 1,2-Dibromoethane	8.355	107	41404	5.349	ug/L	100
51) Chlorobenzene	8.883	112	169997	5.090	ug/L	98
52) Ethylbenzene	9.011	91	266951	4.974	ug/L	99
53) m,p-Xylene	9.137	106	105521	5.115	ug/L	98
54) o-Xylene	9.542	106	101057	5.133	ug/L	100
55) Styrene	9.561	104	183703	5.464	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	50558	5.292	ug/L	97
59) Bromoform	9.731	173	25727	4.804	ug/L	98
60) Isopropylbenzene	9.931	105	270119	4.734	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	36311	4.760	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	69814	4.484	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	200754	4.485	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	134603	4.888	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	131638	4.808	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	122563	4.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6965	4.585	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	92786	4.674	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	64309	4.395	ug/L	100
71) Naphthalene	13.500	128	90206	3.939	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	59490	4.513	ug/L	97

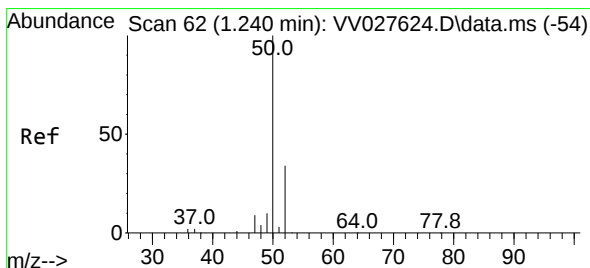
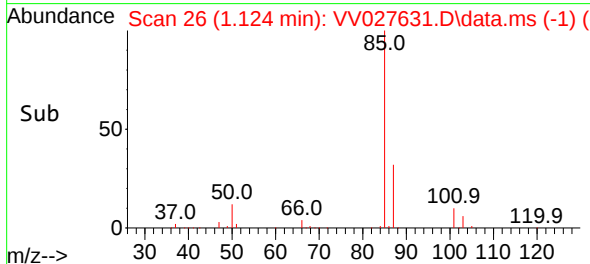
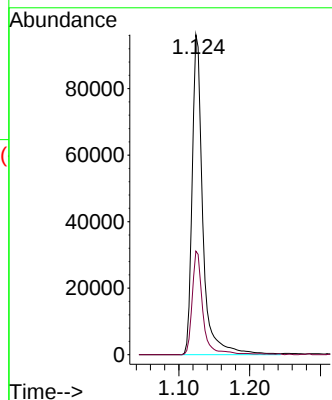
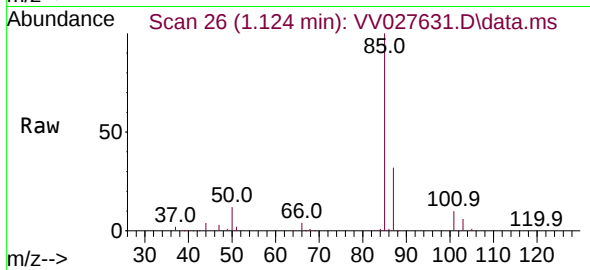
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.757 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VV027631.D
 Acq: 31 Aug 2022 21:27

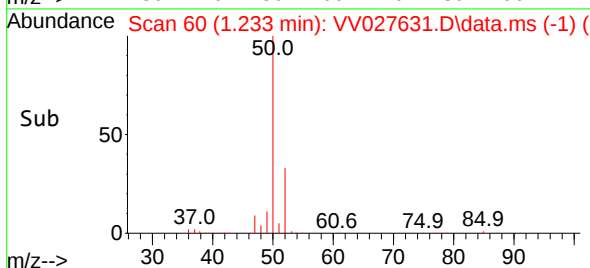
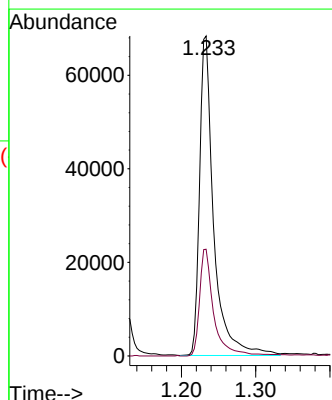
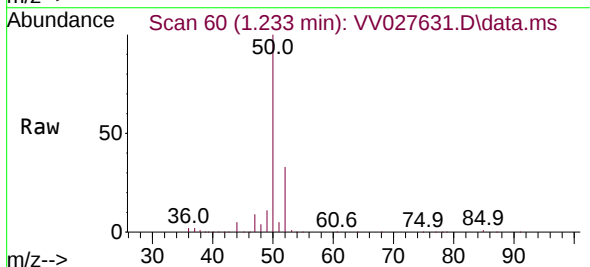
Instrument :
 MSVOA_V
 ClientSampleId :

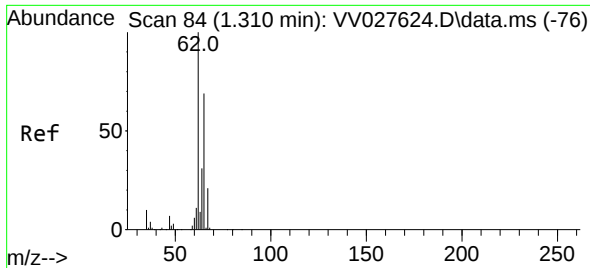
Tgt Ion: 85 Resp: 100728
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.452 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VV027631.D
 Acq: 31 Aug 2022 21:27

Tgt Ion: 50 Resp: 90256
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.5 43.7

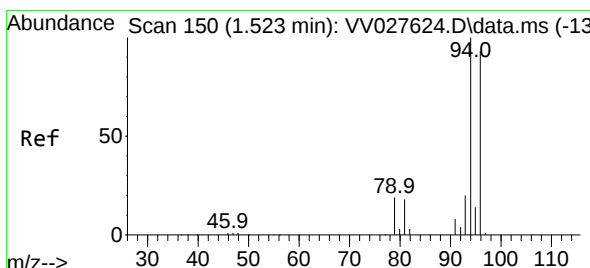
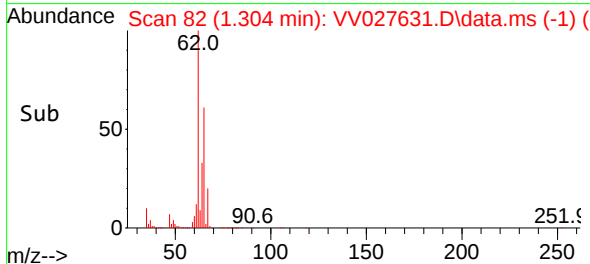
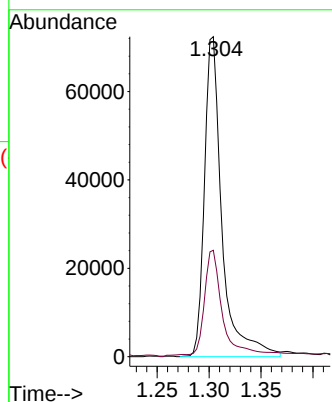
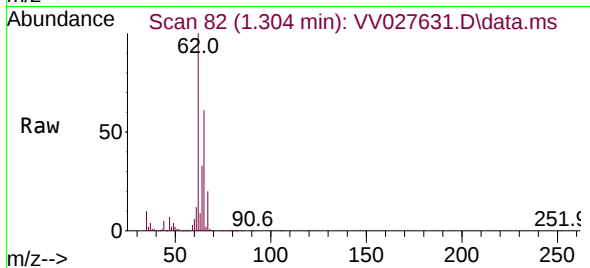




#5
 Vinyl chloride
 Concen: 4.404 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VV027631.D
 Acq: 31 Aug 2022 21:27

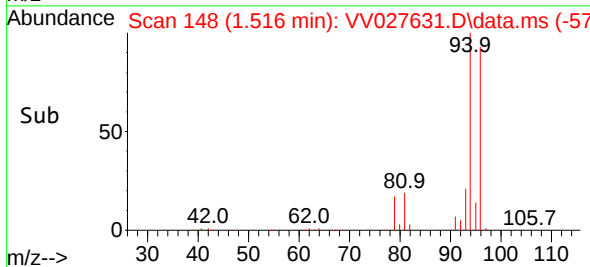
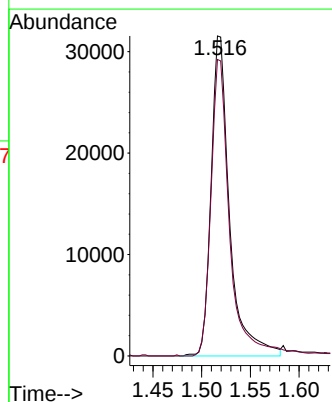
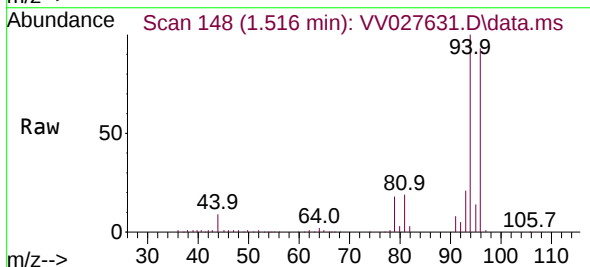
Instrument :
 MSVOA_V
 ClientSampleId :

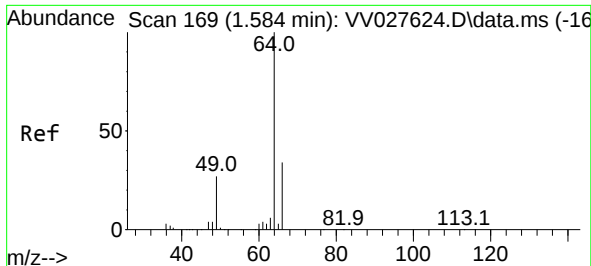
Tgt Ion: 62 Resp: 85021
 Ion Ratio Lower Upper
 62 100
 64 33.2 21.8 40.4



#6
 Bromomethane
 Concen: 4.593 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VV027631.D
 Acq: 31 Aug 2022 21:27

Tgt Ion: 94 Resp: 41671
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.1 120.9

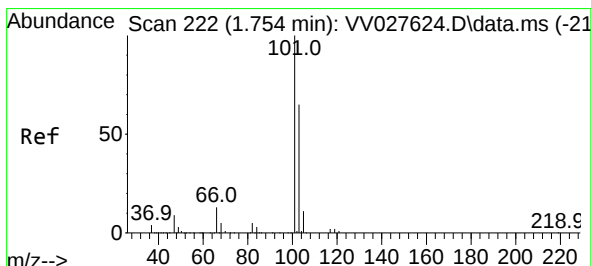
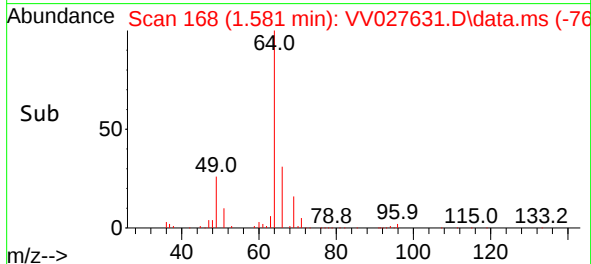
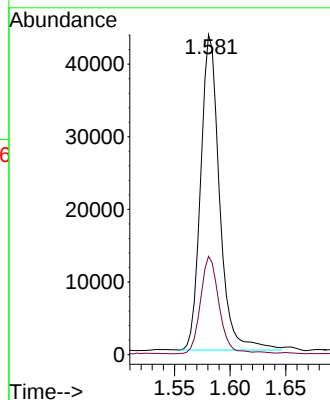
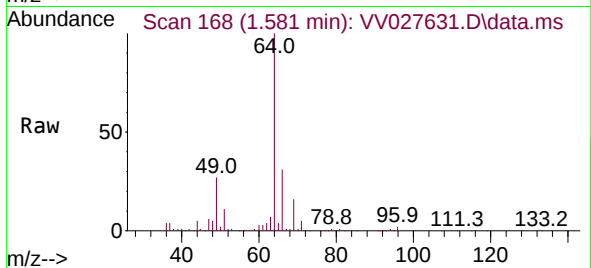




#8
Chloroethane
Concen: 4.757 ug/L
RT: 1.581 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

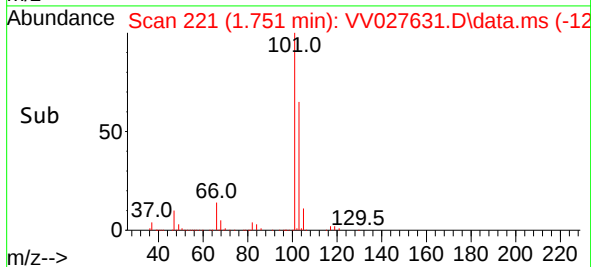
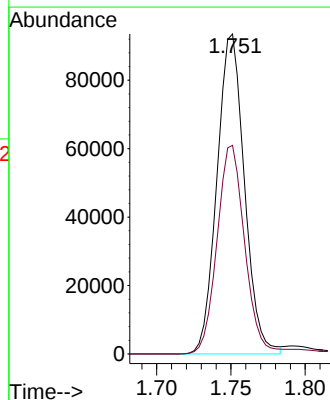
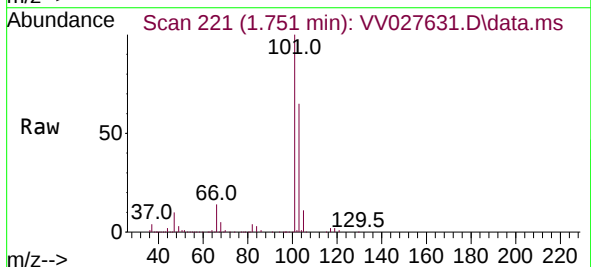
Instrument :
MSVOA_V
ClientSampleId :

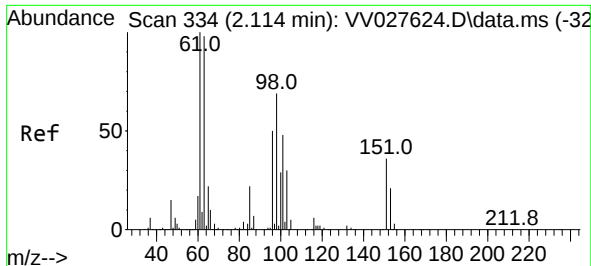
Tgt Ion: 64 Resp: 51327
Ion Ratio Lower Upper
64 100
66 30.8 24.0 44.6



#9
Trichlorofluoromethane
Concen: 4.651 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion:101 Resp: 120434
Ion Ratio Lower Upper
101 100
103 67.5 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.400 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

ClientSampleId :

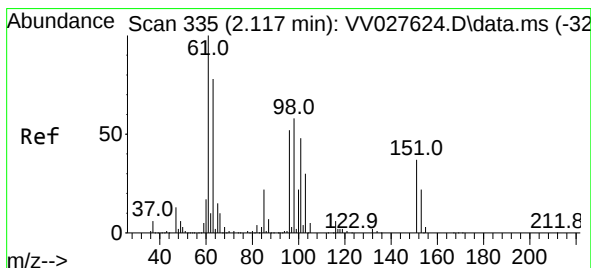
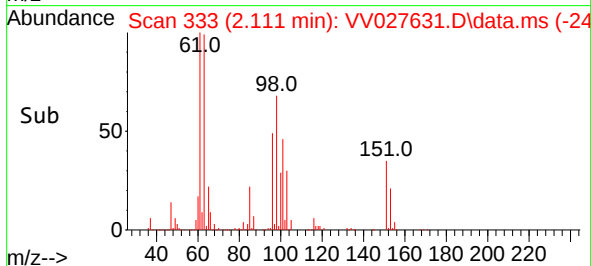
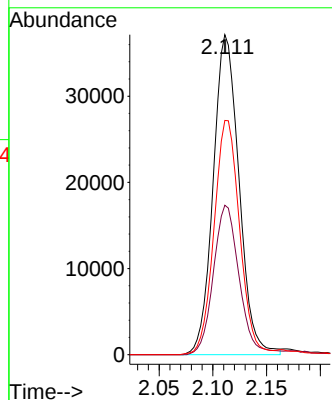
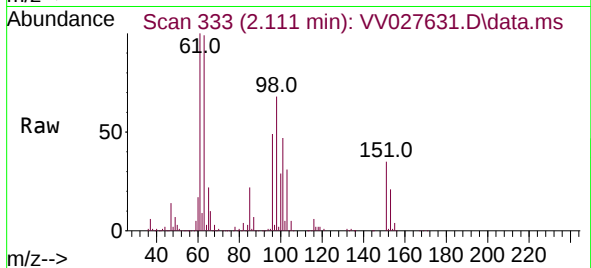
Tgt Ion:101 Resp: 62026

Ion Ratio Lower Upper

101 100

85 46.6 36.7 55.1

151 72.5 60.9 91.3



#12

1,1-Dichloroethene

Concen: 4.638 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

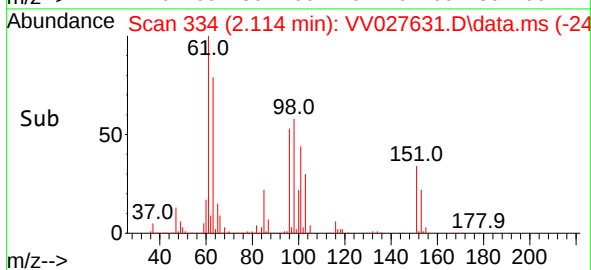
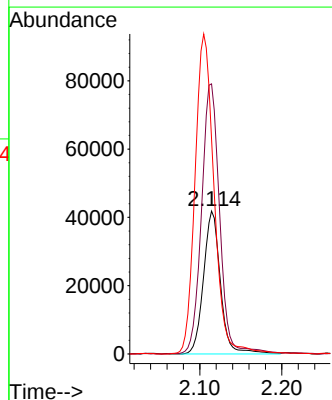
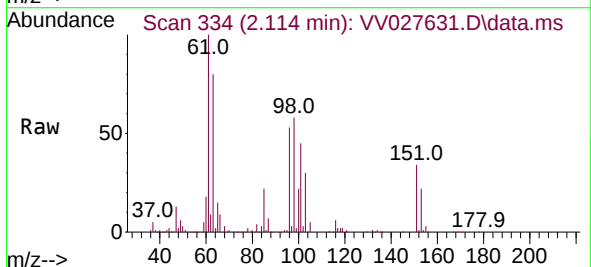
Tgt Ion: 96 Resp: 60168

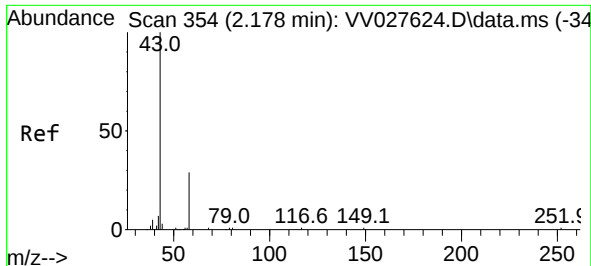
Ion Ratio Lower Upper

96 100

61 189.1 134.3 249.3

63 150.4 105.7 196.3

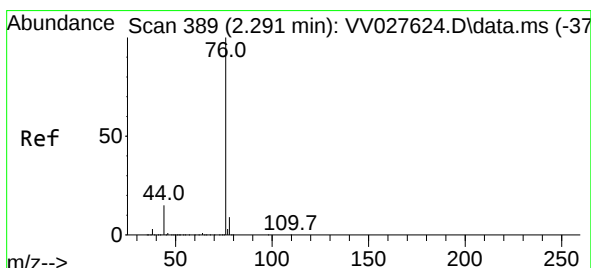
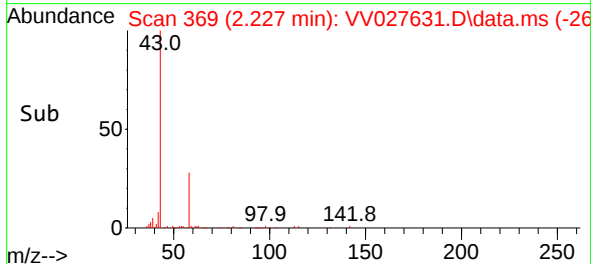
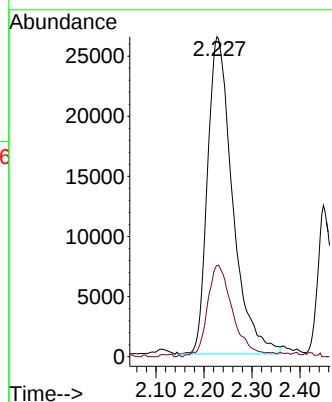
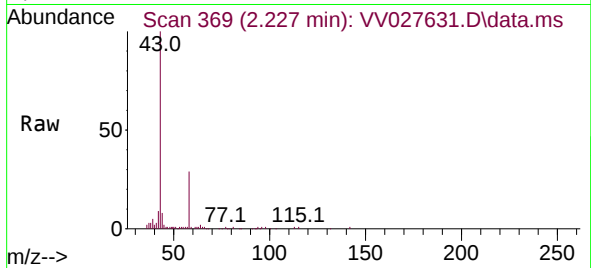




#13
Acetone
Concen: 49.560 ug/L
RT: 2.227 min Scan# 30
Delta R.T. 0.049 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

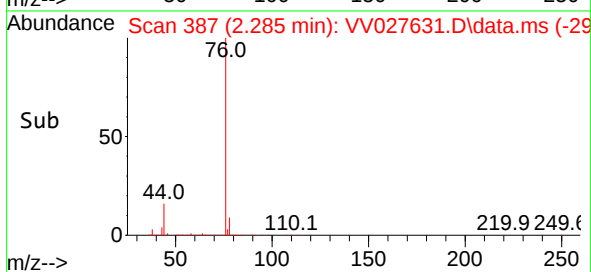
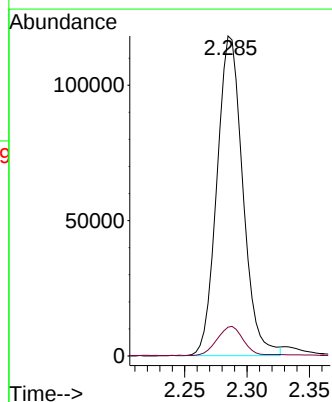
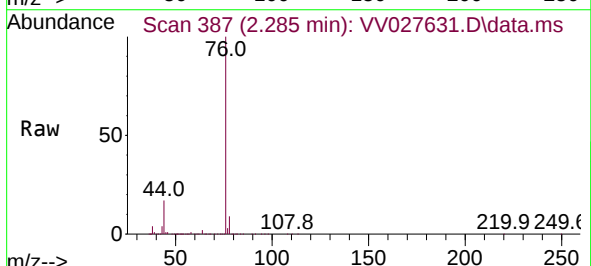
Instrument :
MSVOA_V
ClientSampleId :

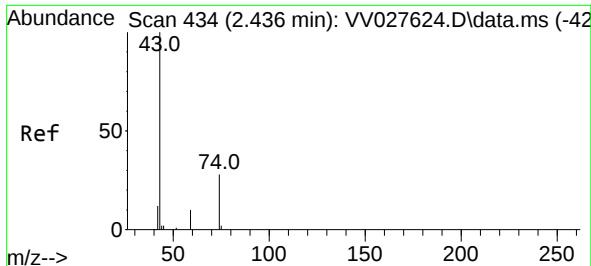
Tgt Ion: 43 Resp: 95737
Ion Ratio Lower Upper
43 100
58 28.9 0.0 38.4



#14
Carbon disulfide
Concen: 4.173 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.006 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion: 76 Resp: 171067
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

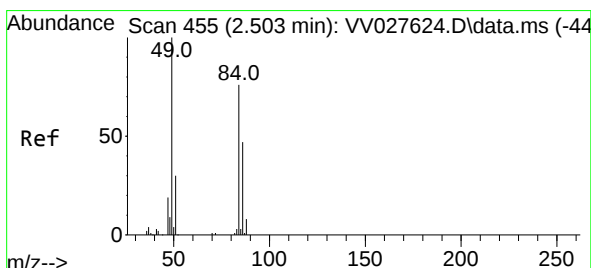
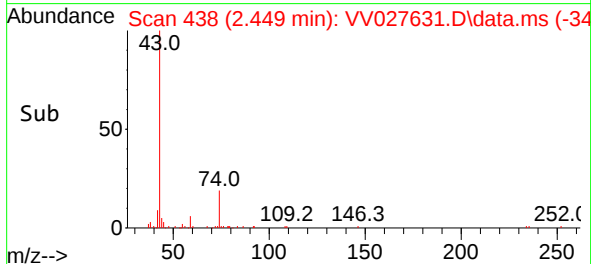
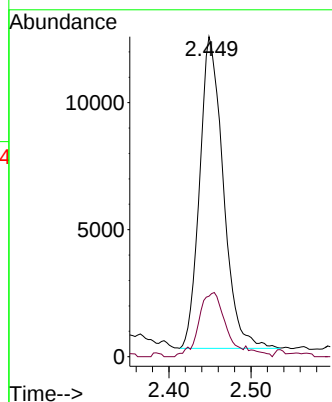
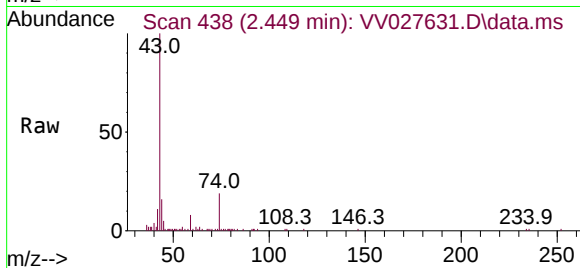




#15
Methyl Acetate
Concen: 4.787 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

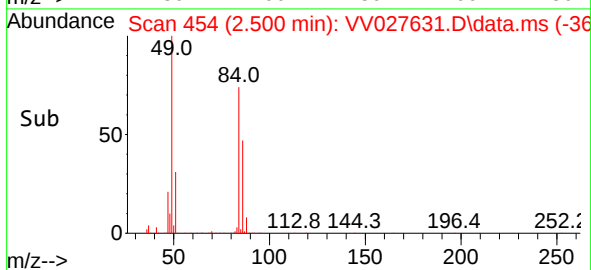
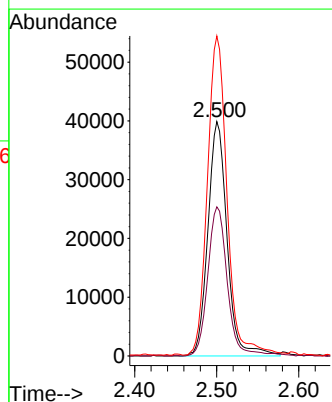
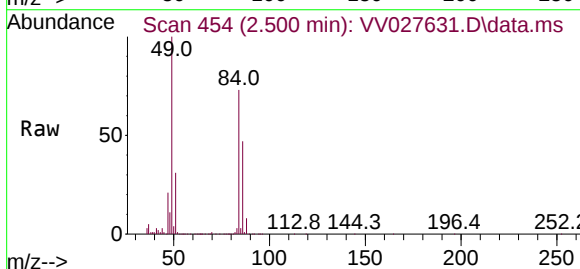
Instrument :
MSVOA_V
ClientSampleId :

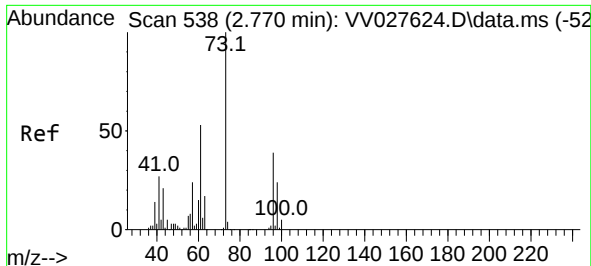
Tgt Ion: 43 Resp: 24535
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.4



#16
Methylene chloride
Concen: 3.967 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion: 84 Resp: 64935
Ion Ratio Lower Upper
84 100
86 63.6 43.9 81.5
49 136.5 92.5 171.7





#17

Methyl tert-butyl Ether

Concen: 5.016 ug/L

RT: 2.777 min Scan# 540

Delta R.T. 0.007 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

ClientSampleId :

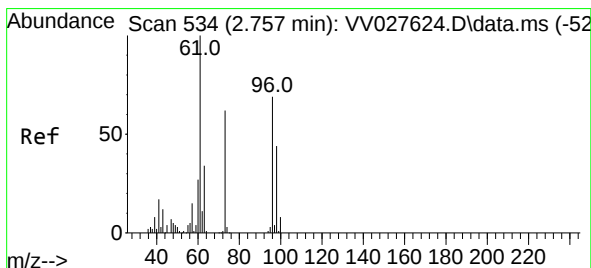
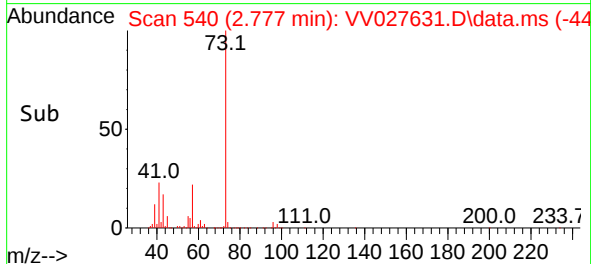
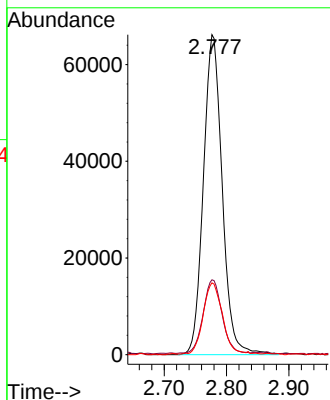
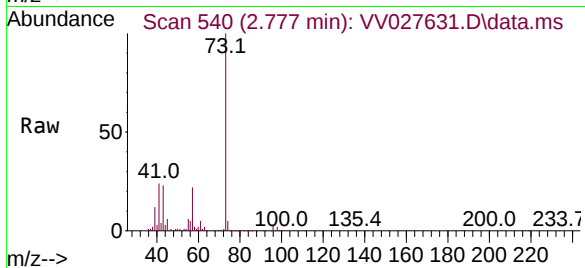
Tgt Ion: 73 Resp: 139036

Ion Ratio Lower Upper

73 100

43 23.0 16.5 24.7

57 22.8 18.2 27.2



#18

trans-1,2-Dichloroethene

Concen: 4.279 ug/L

RT: 2.748 min Scan# 531

Delta R.T. -0.009 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

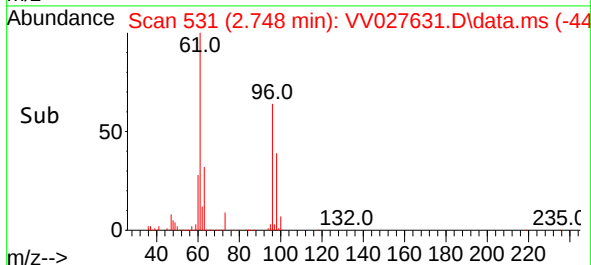
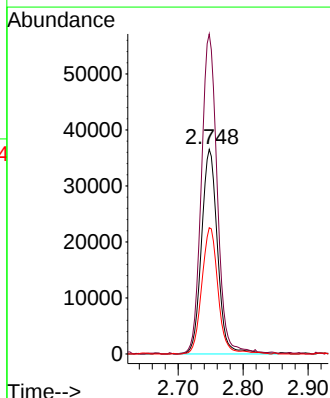
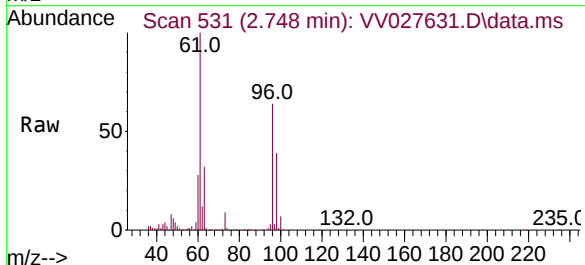
Tgt Ion: 96 Resp: 62921

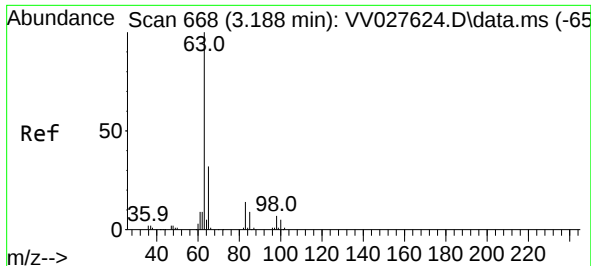
Ion Ratio Lower Upper

96 100

61 156.3 101.8 189.0

98 61.7 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.380 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.009 min

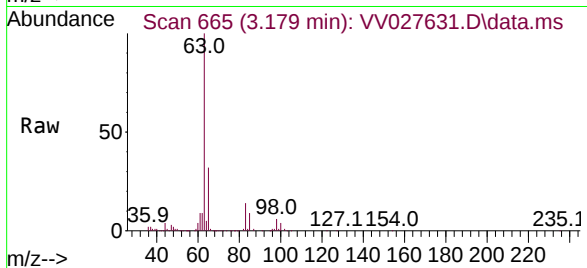
Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

ClientSampleId :



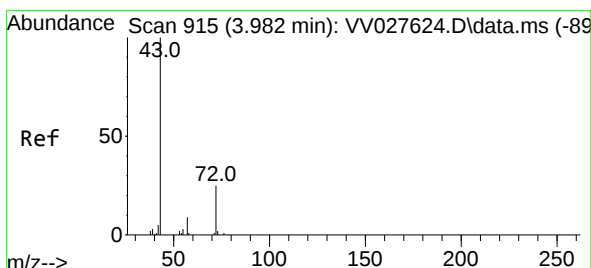
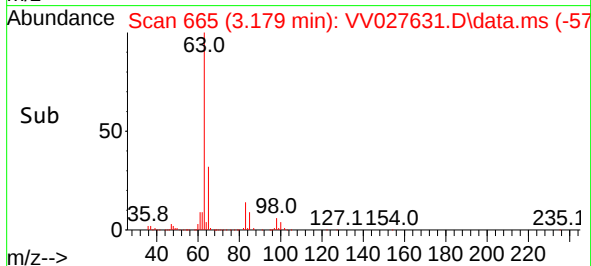
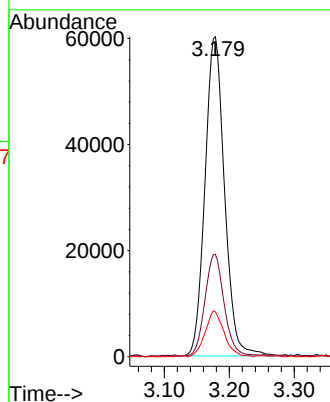
Tgt Ion: 63 Resp: 126098

Ion Ratio Lower Upper

63 100

65 31.9 22.7 42.1

83 14.0 9.7 18.1



#21

2-Butanone

Concen: 58.499 ug/L

RT: 4.031 min Scan# 930

Delta R.T. 0.048 min

Lab File: VV027631.D

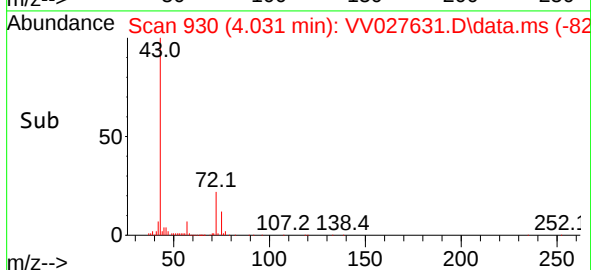
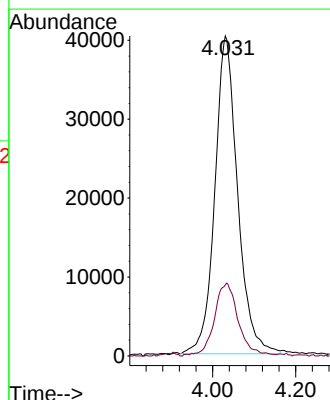
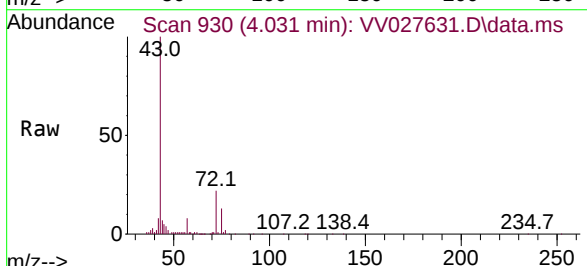
Acq: 31 Aug 2022 21:27

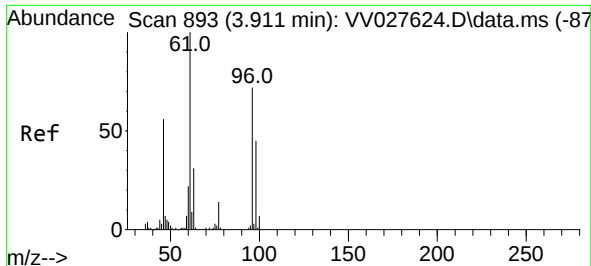
Tgt Ion: 43 Resp: 153262

Ion Ratio Lower Upper

43 100

72 22.7 8.3 24.9





#22

cis-1,2-Dichloroethene

Concen: 4.494 ug/L

RT: 3.896 min Scan# 893

Delta R.T. -0.016 min

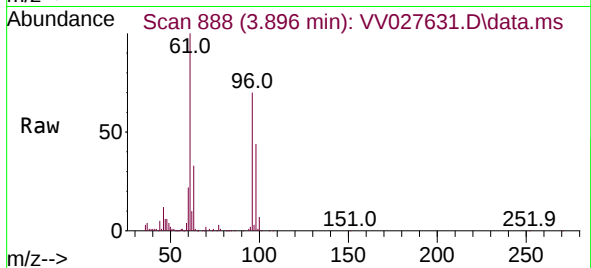
Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

ClientSampleId :



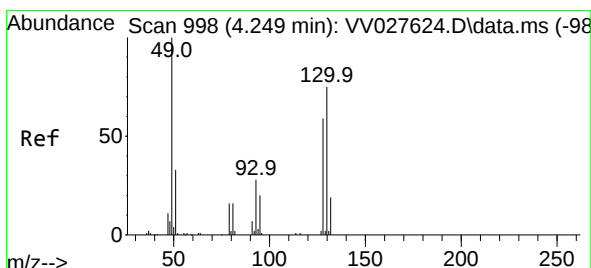
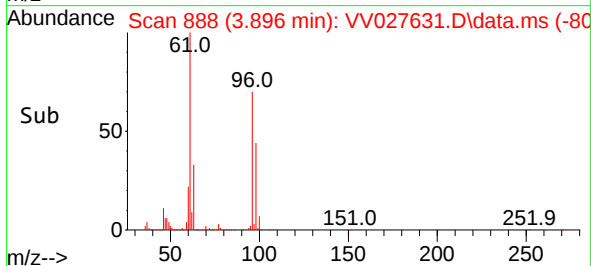
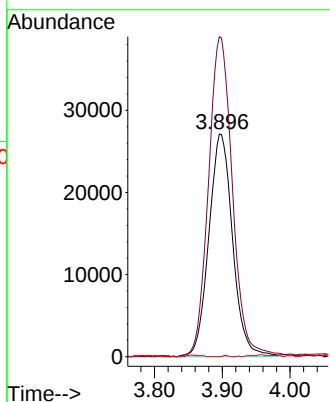
Tgt Ion: 96 Resp: 65965

Ion Ratio Lower Upper

96 100

61 143.7 96.9 180.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.050 ug/L

RT: 4.236 min Scan# 994

Delta R.T. -0.013 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Tgt Ion:128 Resp: 26336

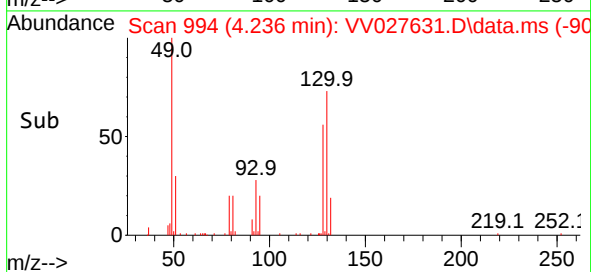
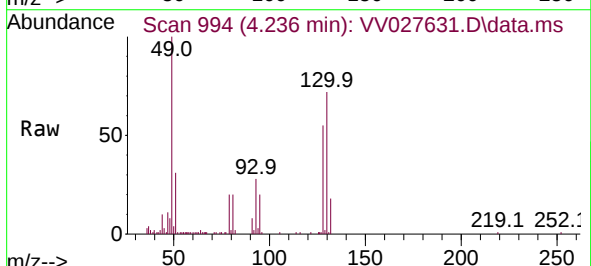
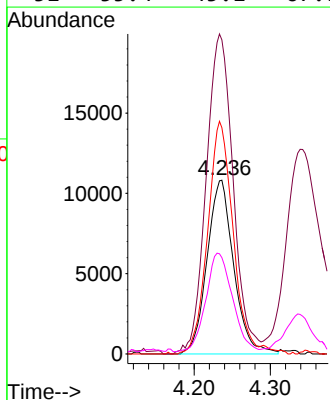
Ion Ratio Lower Upper

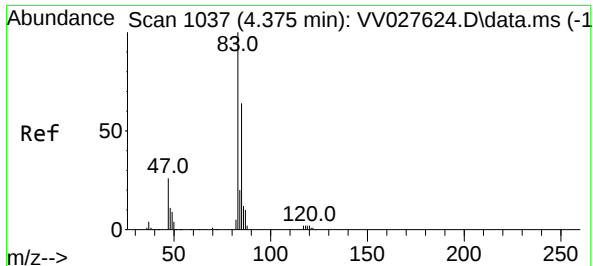
128 100

49 180.7 120.1 223.1

130 130.2 89.0 165.4

51 55.4 45.1 67.7





#25

Chloroform

Concen: 4.295 ug/L

RT: 4.365 min Scan# 1037

Delta R.T. -0.009 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

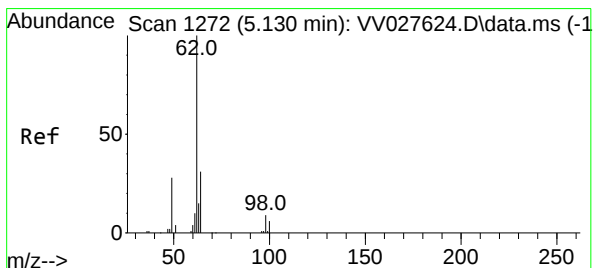
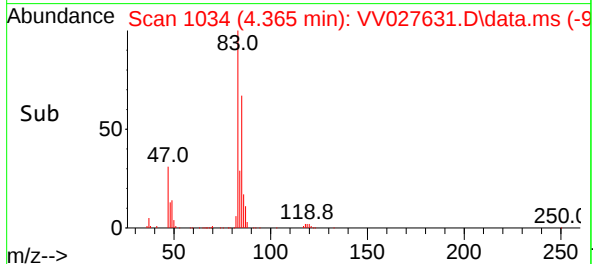
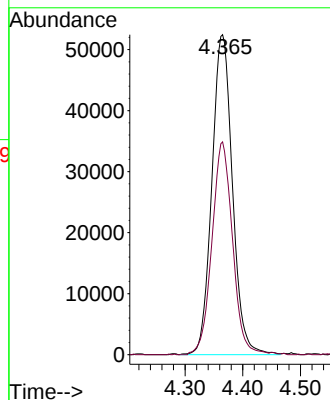
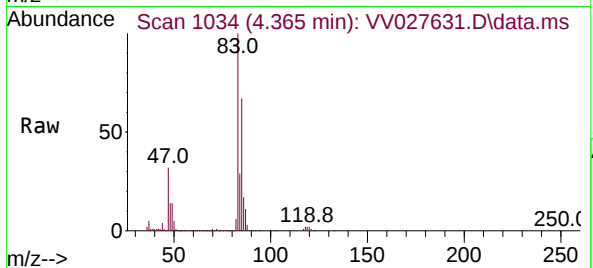
ClientSampleId :

Tgt Ion: 83 Resp: 129837

Ion Ratio Lower Upper

83 100

85 66.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.928 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV027631.D

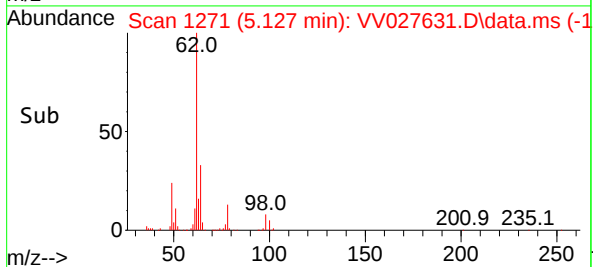
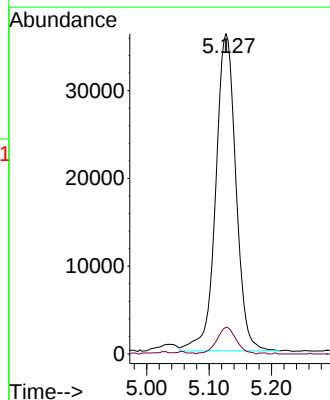
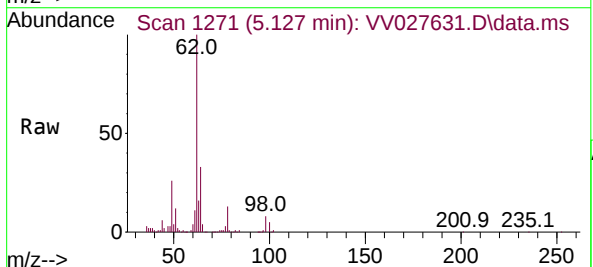
Acq: 31 Aug 2022 21:27

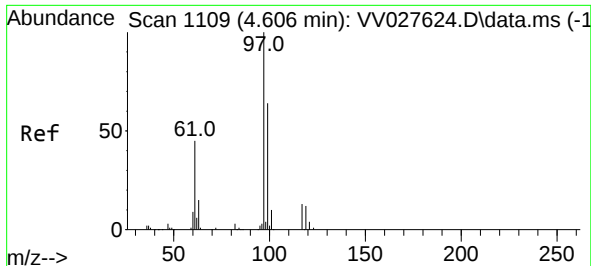
Tgt Ion: 62 Resp: 81328

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.034 ug/L

RT: 4.587 min Scan# 1109

Delta R.T. -0.019 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

ClientSampleId :

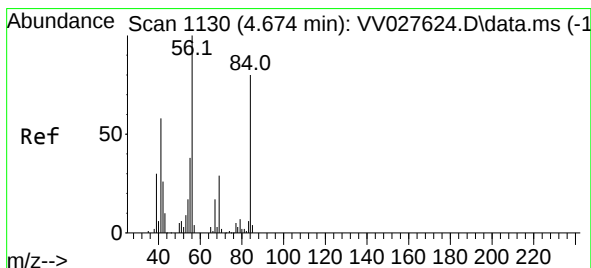
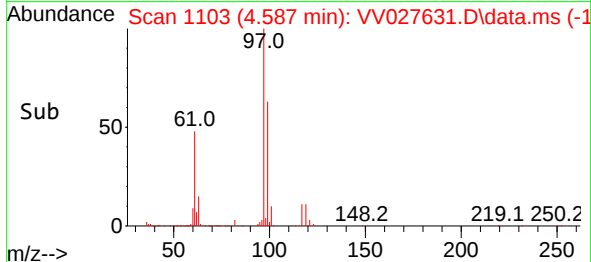
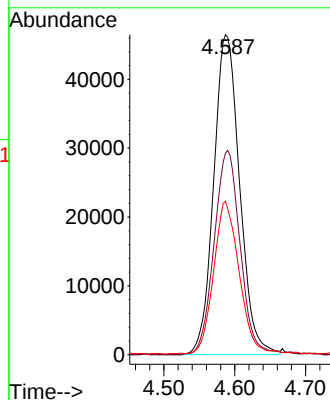
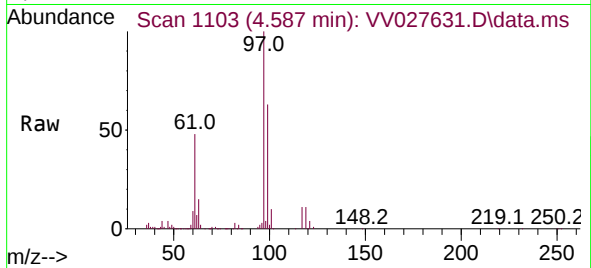
Tgt Ion: 97 Resp: 118394

Ion Ratio Lower Upper

97 100

99 64.1 50.6 75.8

61 46.2 36.1 54.1



#30

Cyclohexane

Concen: 5.446 ug/L

RT: 4.648 min Scan# 1122

Delta R.T. -0.026 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

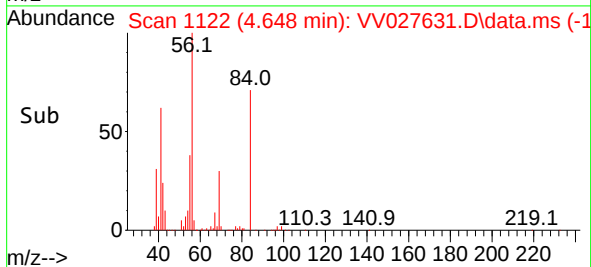
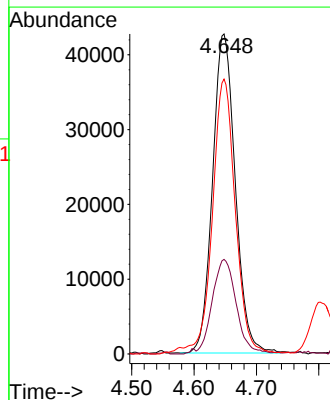
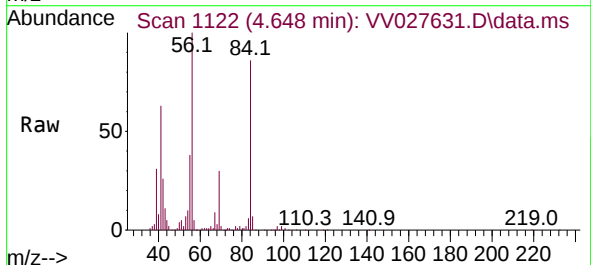
Tgt Ion: 56 Resp: 108042

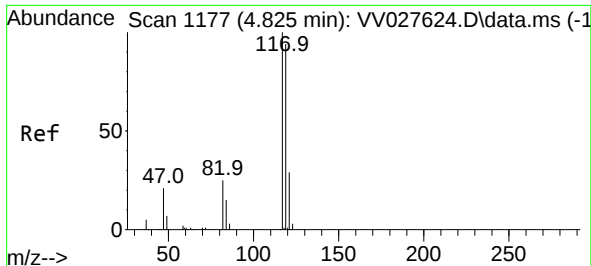
Ion Ratio Lower Upper

56 100

69 30.5 24.1 36.1

84 85.4 66.9 100.3

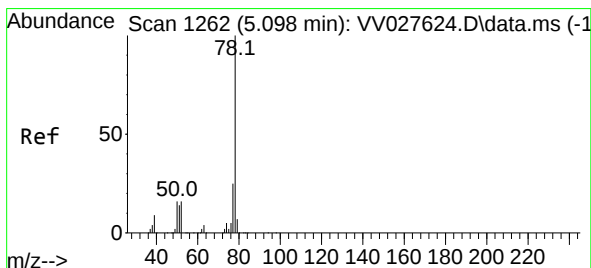
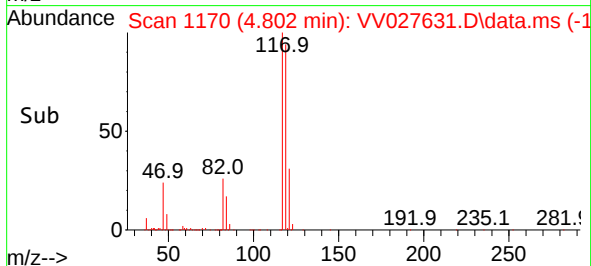
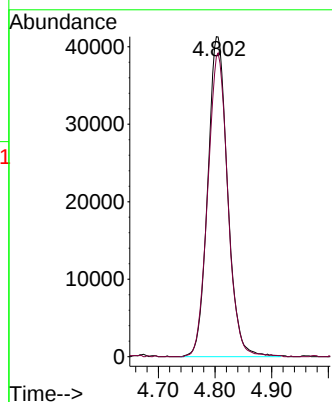
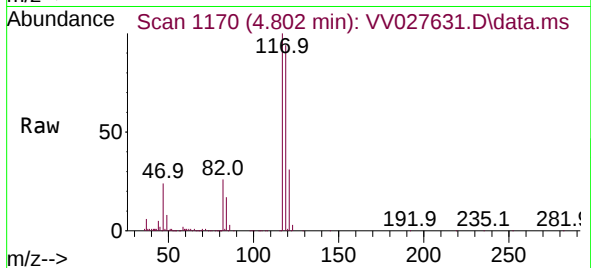




#31
Carbon tetrachloride
Concen: 4.995 ug/L
RT: 4.802 min Scan# 1177
Delta R.T. -0.022 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

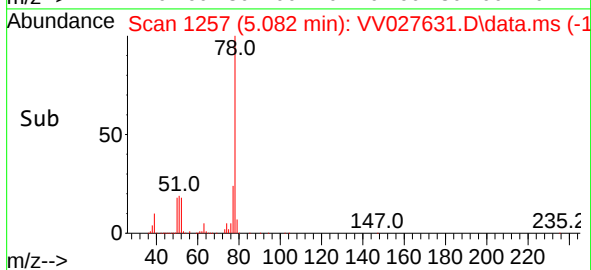
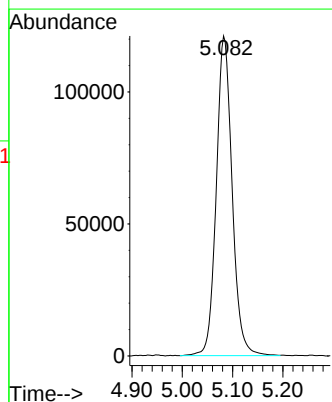
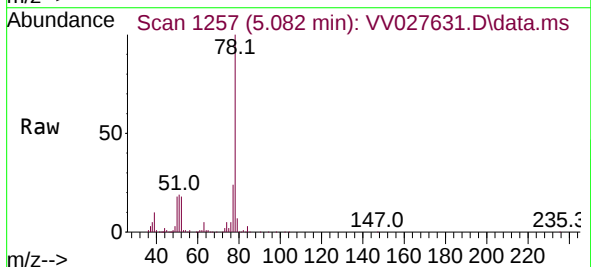
Instrument :
MSVOA_V
ClientSampleId :

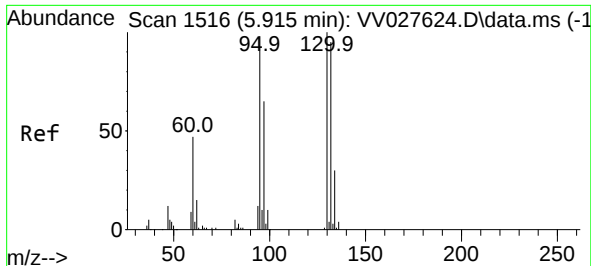
Tgt Ion:117 Resp: 100527
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 5.003 ug/L
RT: 5.082 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion: 78 Resp: 265411





#34

Trichloroethene

Concen: 5.774 ug/L

RT: 5.899 min Scan# 1511

Delta R.T. -0.016 min

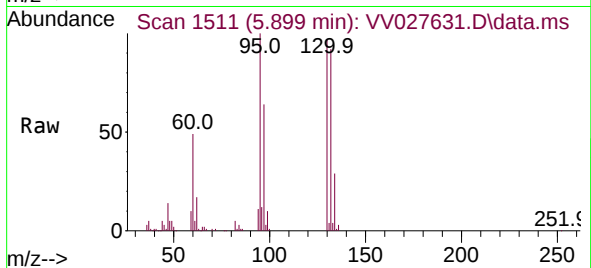
Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 75299

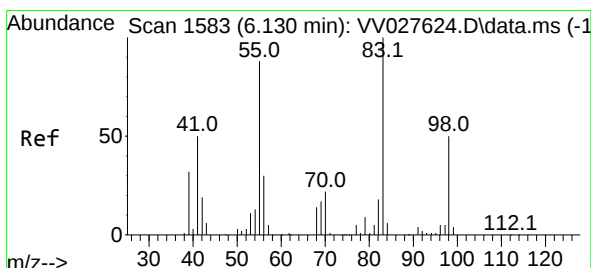
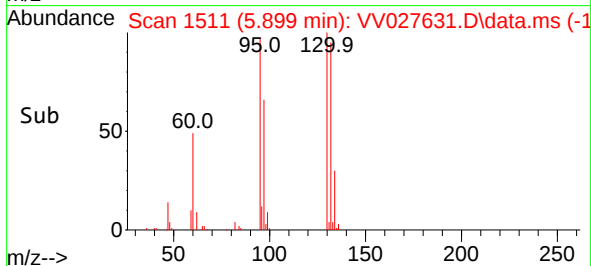
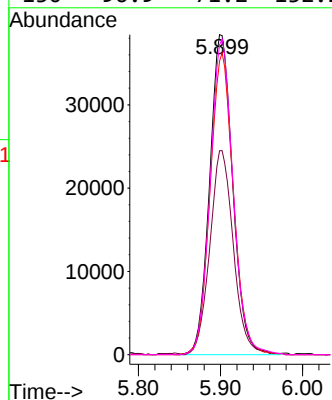
Ion Ratio Lower Upper

95 100

97 63.7 46.1 85.5

132 91.8 67.3 125.1

130 96.9 71.2 132.2



#35

Methylcyclohexane

Concen: 5.325 ug/L

RT: 6.114 min Scan# 1578

Delta R.T. -0.016 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

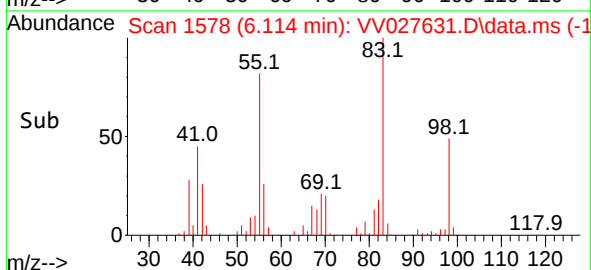
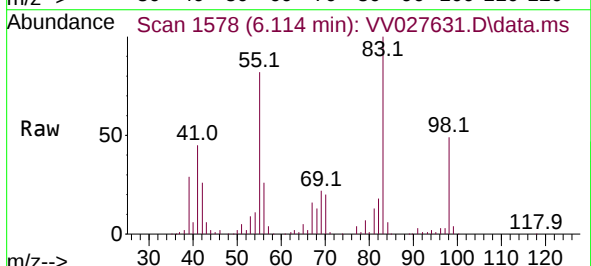
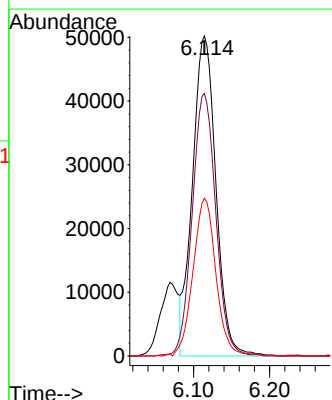
Tgt Ion: 83 Resp: 107756

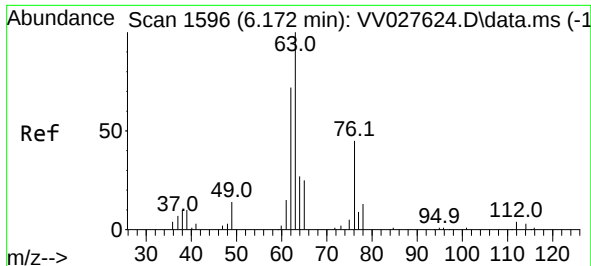
Ion Ratio Lower Upper

83 100

55 82.7 66.0 99.0

98 48.0 36.9 55.3

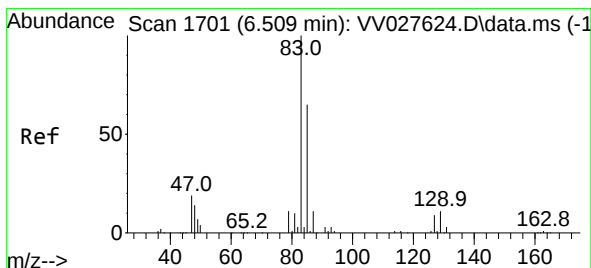
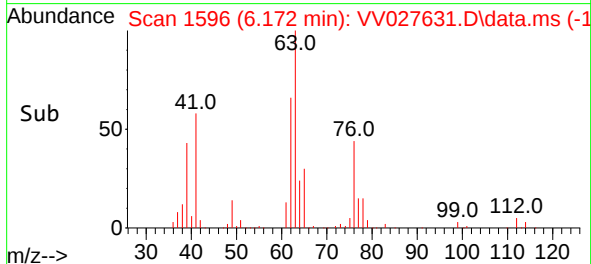
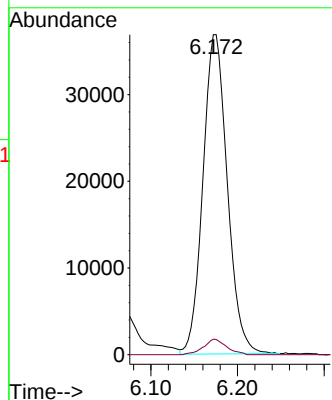
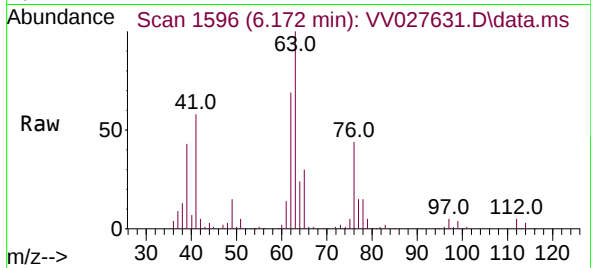




#37
1,2-Dichloropropane
Concen: 5.381 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

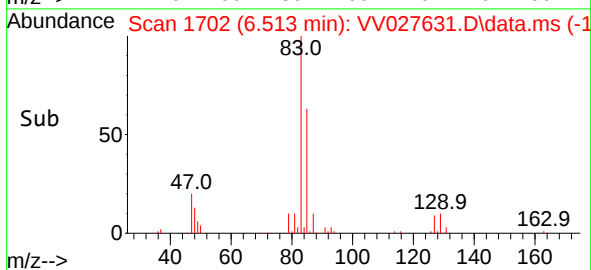
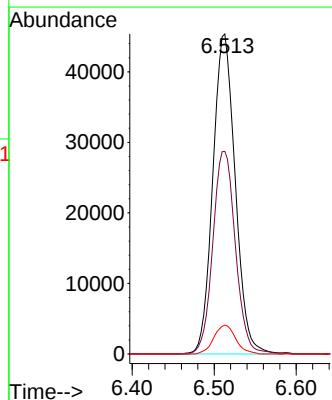
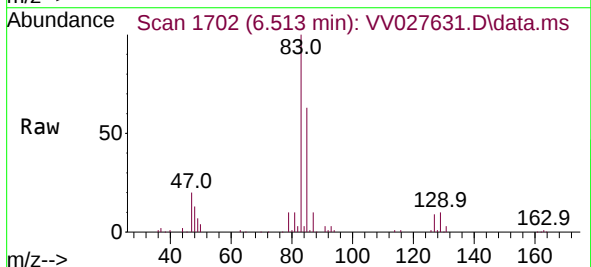
Instrument :
MSVOA_V
ClientSampleId :

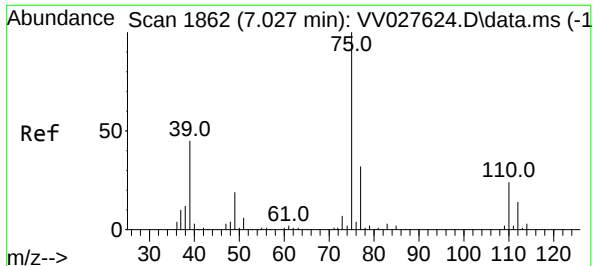
Tgt Ion: 63 Resp: 72087
Ion Ratio Lower Upper
63 100
112 4.6 2.9 4.3#



#38
Bromodichloromethane
Concen: 5.082 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion: 83 Resp: 86099
Ion Ratio Lower Upper
83 100
85 63.3 45.2 84.0
127 9.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.952 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

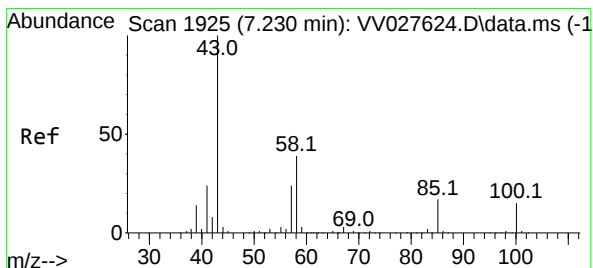
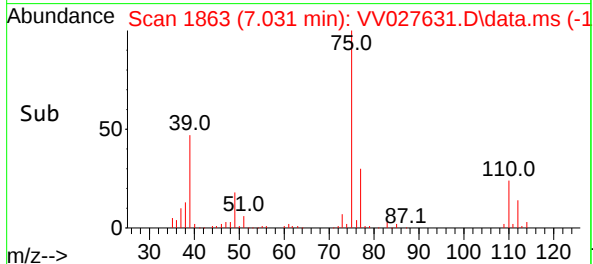
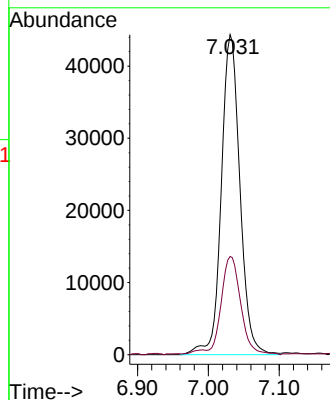
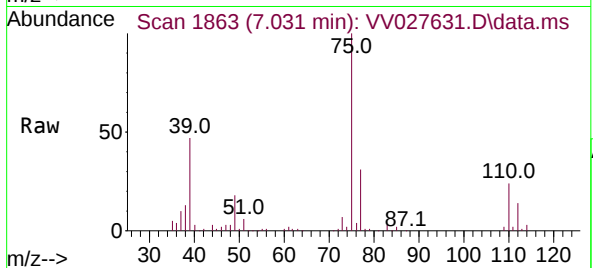
ClientSampleId :

Tgt Ion: 75 Resp: 80985

Ion Ratio Lower Upper

75 100

77 30.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 55.082 ug/L

RT: 7.256 min Scan# 1933

Delta R.T. 0.026 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

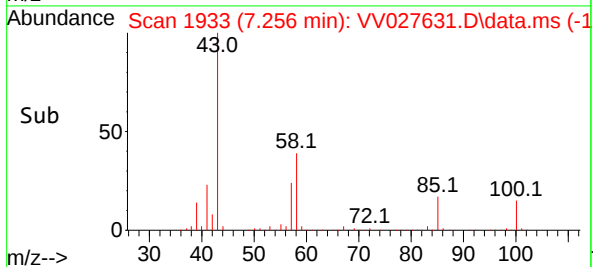
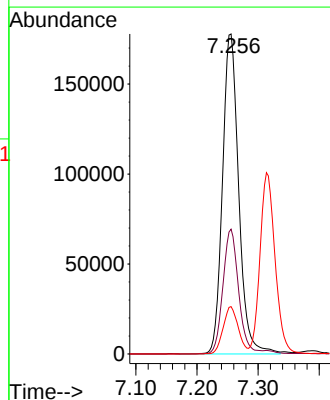
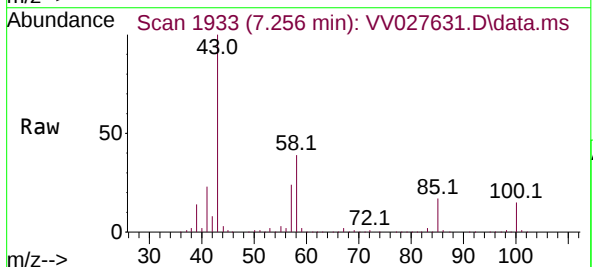
Tgt Ion: 43 Resp: 327931

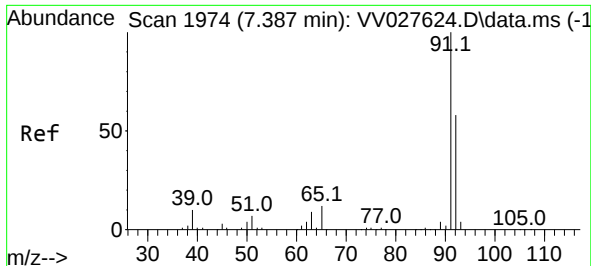
Ion Ratio Lower Upper

43 100

58 37.7 31.4 47.0

100 13.9 10.5 15.7





#42

Toluene

Concen: 5.479 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

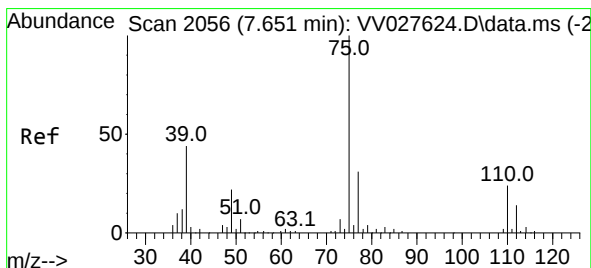
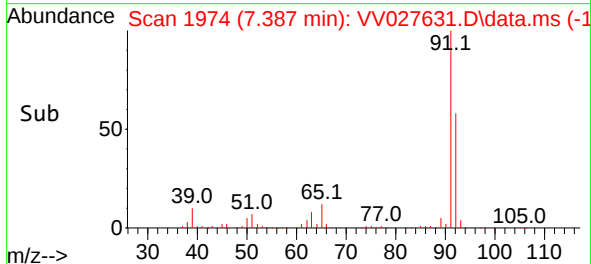
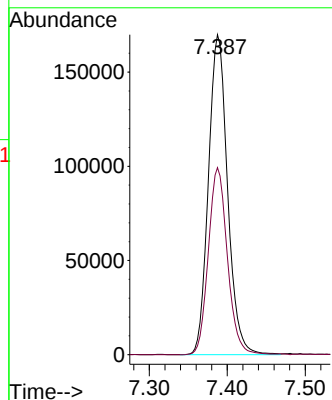
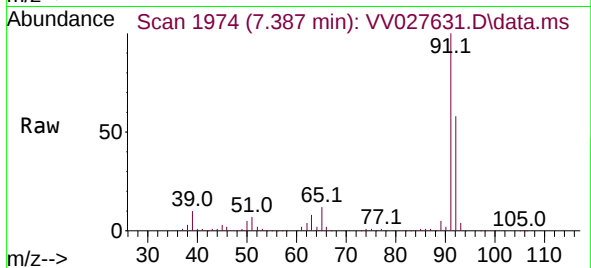
ClientSampleId :

Tgt Ion: 91 Resp: 290217

Ion Ratio Lower Upper

91 100

92 58.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.185 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.007 min

Lab File: VV027631.D

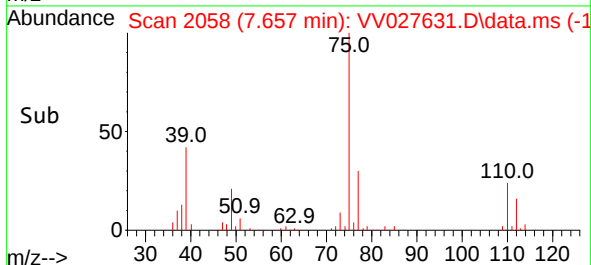
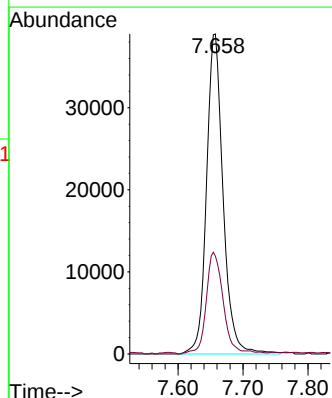
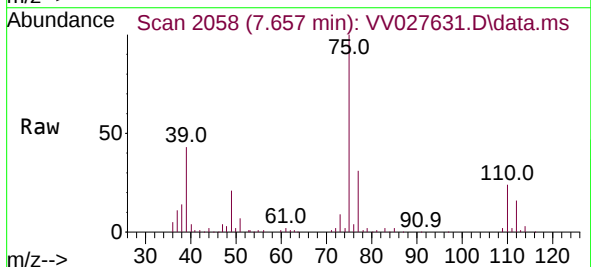
Acq: 31 Aug 2022 21:27

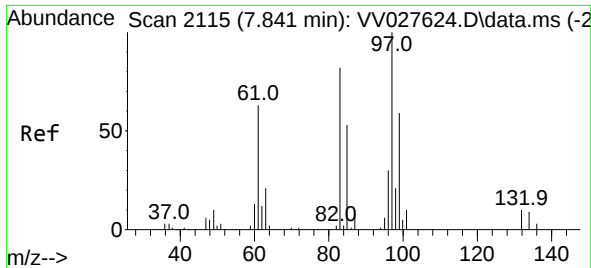
Tgt Ion: 75 Resp: 69107

Ion Ratio Lower Upper

75 100

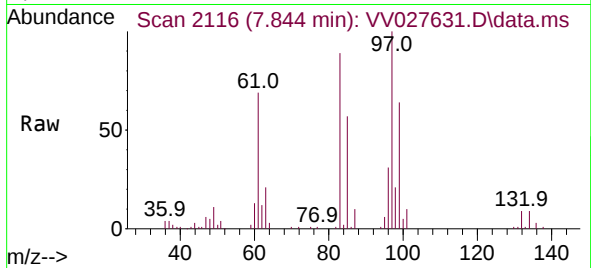
77 30.6 22.0 41.0



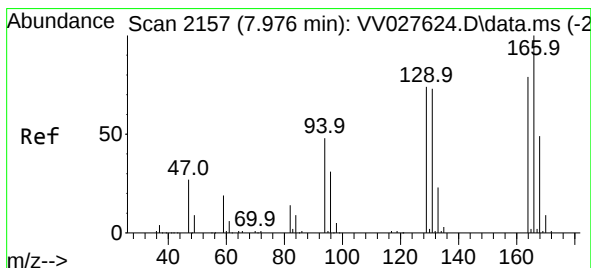
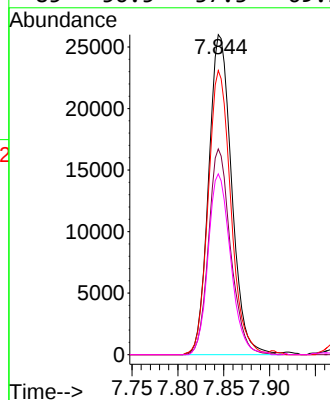
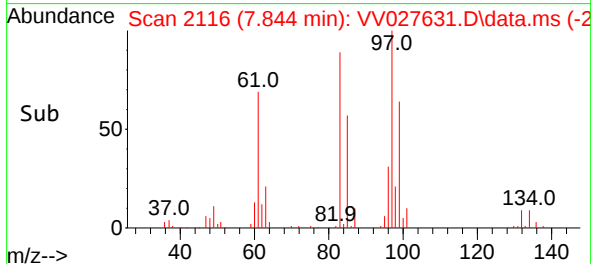


#45
 1,1,2-Trichloroethane
 Concen: 5.254 ug/L
 RT: 7.844 min Scan# 2115
 Delta R.T. 0.003 min
 Lab File: VV027631.D
 Acq: 31 Aug 2022 21:27

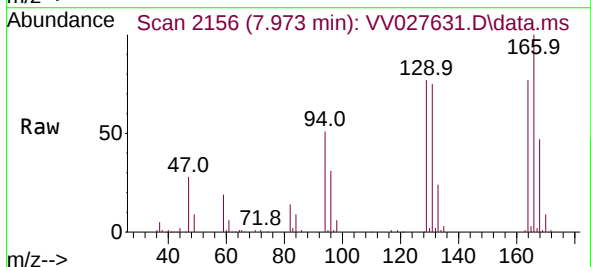
Instrument :
 MSVOA_V
 ClientSampleId :



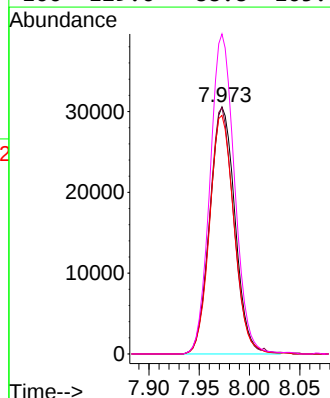
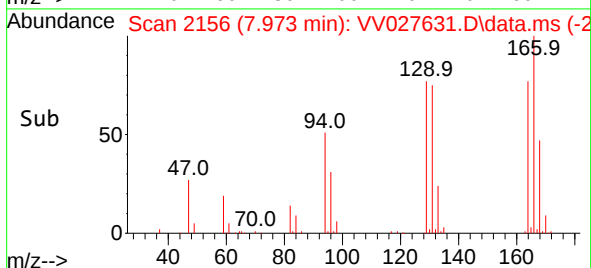
Tgt Ion:	97	Resp:	45395
Ion	Ratio	Lower	Upper
97	100		
99	64.3	41.3	76.7
83	88.8	57.5	106.9
85	56.5	37.3	69.3

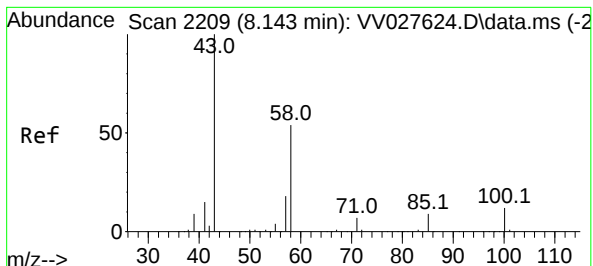


#47
 Tetrachloroethene
 Concen: 5.021 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. -0.003 min
 Lab File: VV027631.D
 Acq: 31 Aug 2022 21:27



Tgt Ion:	164	Resp:	53086
Ion	Ratio	Lower	Upper
164	100		
129	99.8	65.9	122.3
131	96.6	64.5	119.7
166	129.6	88.8	165.0





#48

2-Hexanone

Concen: 55.402 ug/L

RT: 8.159 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 247530

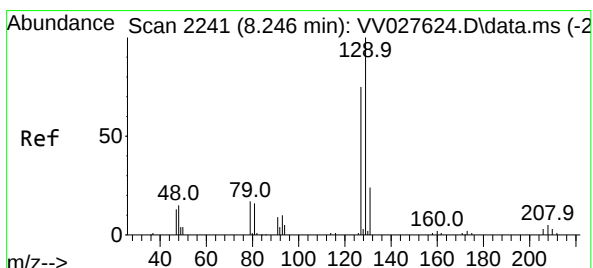
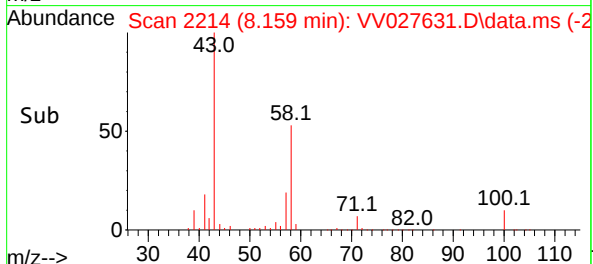
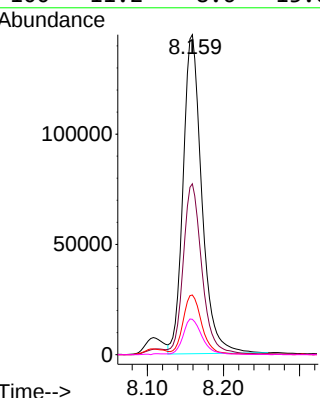
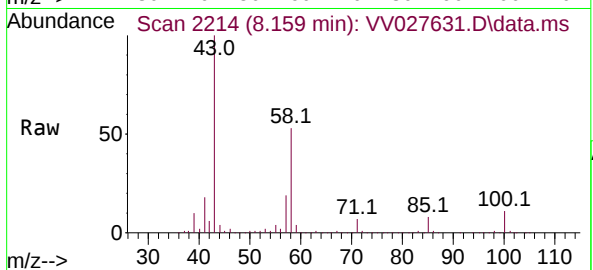
Ion Ratio Lower Upper

43 100

58 53.3 42.1 63.1

57 18.8 14.5 21.7

100 11.2 8.6 13.0



#49

Dibromochloromethane

Concen: 5.152 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV027631.D

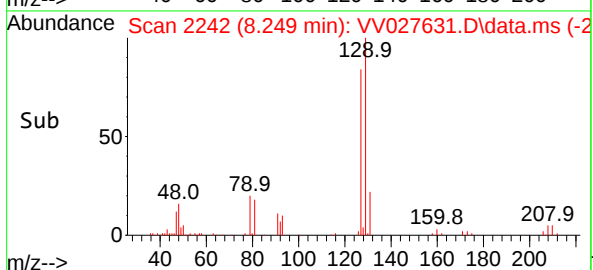
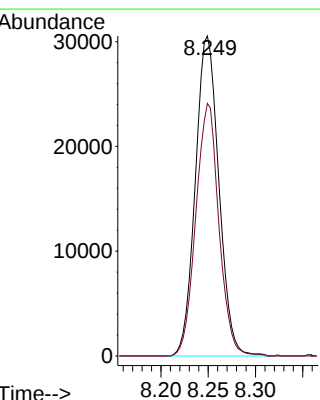
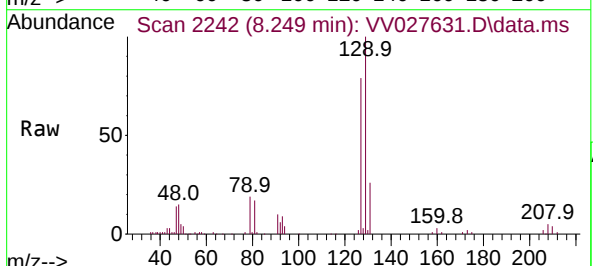
Acq: 31 Aug 2022 21:27

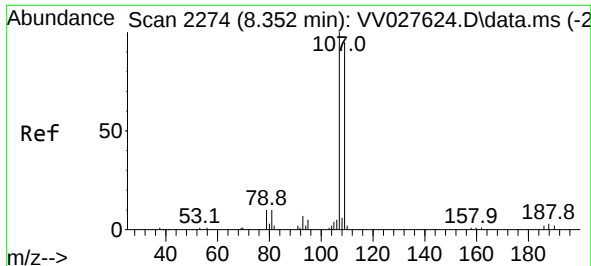
Tgt Ion:129 Resp: 52744

Ion Ratio Lower Upper

129 100

127 78.9 52.4 97.4

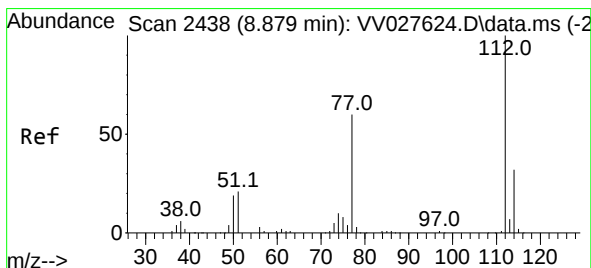
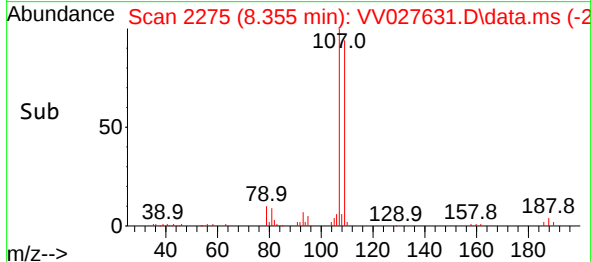
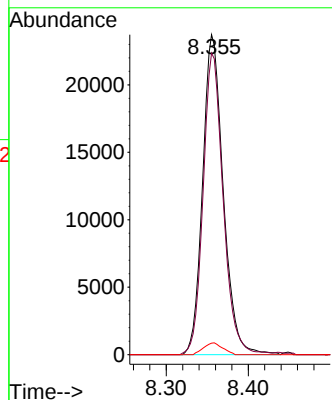
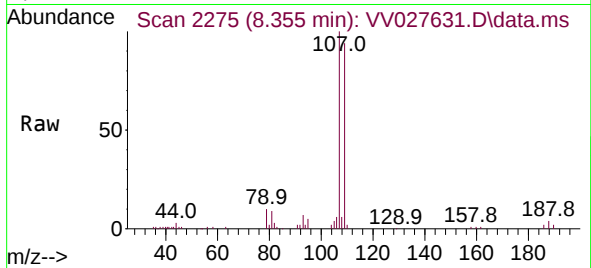




#50
1,2-Dibromoethane
Concen: 5.349 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

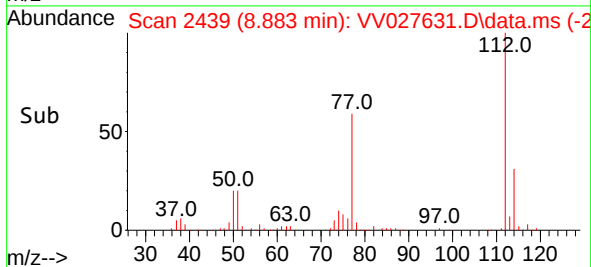
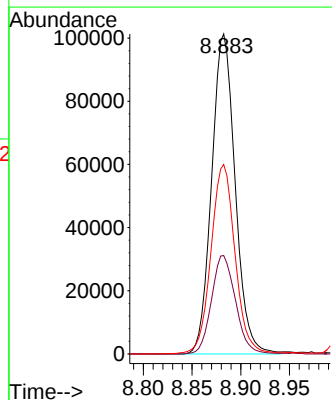
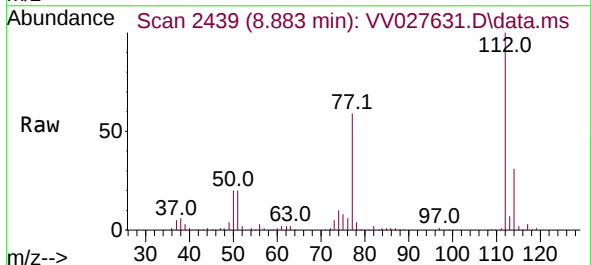
Instrument :
MSVOA_V
ClientSampleId :

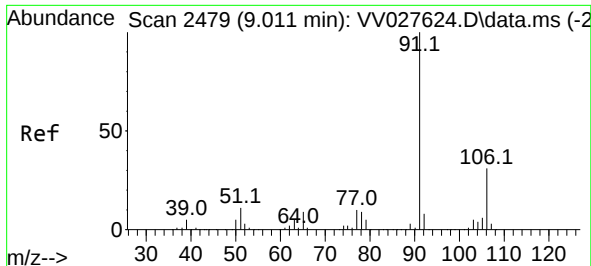
Tgt Ion:107 Resp: 41404
Ion Ratio Lower Upper
107 100
109 94.3 66.2 123.0
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 5.090 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion:112 Resp: 169997
Ion Ratio Lower Upper
112 100
114 30.7 22.3 41.3
77 59.2 48.5 72.7





#52

Ethylbenzene

Concen: 4.974 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

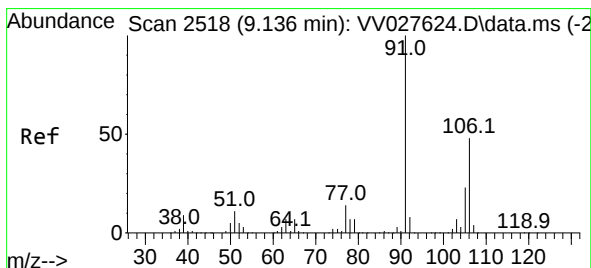
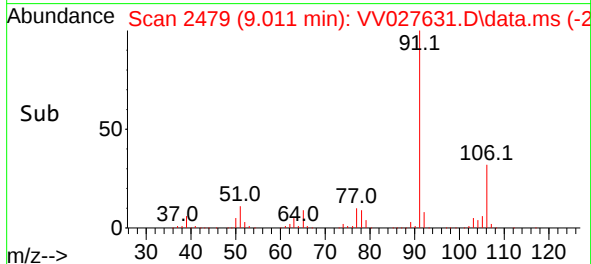
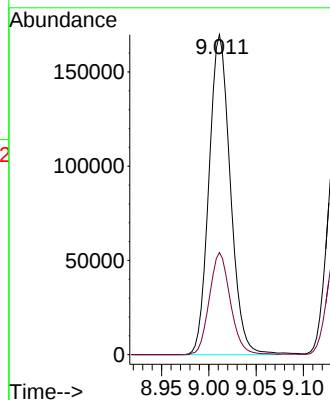
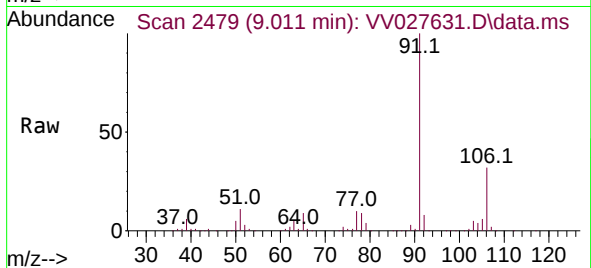
ClientSampleId :

Tgt Ion: 91 Resp: 266951

Ion Ratio Lower Upper

91 100

106 31.9 21.9 40.7



#53

m,p-Xylene

Concen: 5.115 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027631.D

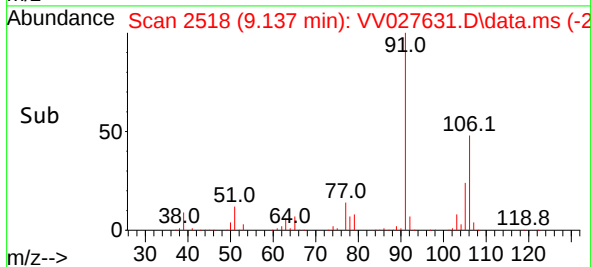
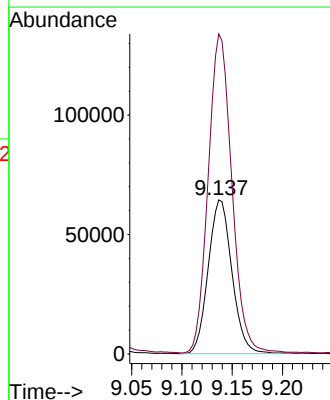
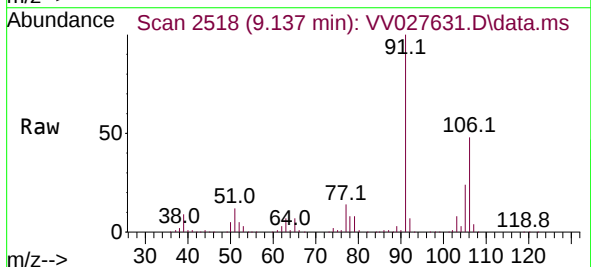
Acq: 31 Aug 2022 21:27

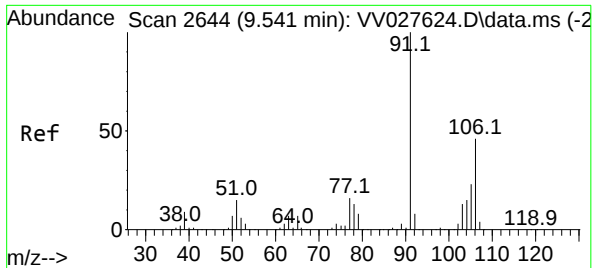
Tgt Ion: 106 Resp: 105521

Ion Ratio Lower Upper

106 100

91 207.7 147.3 273.5

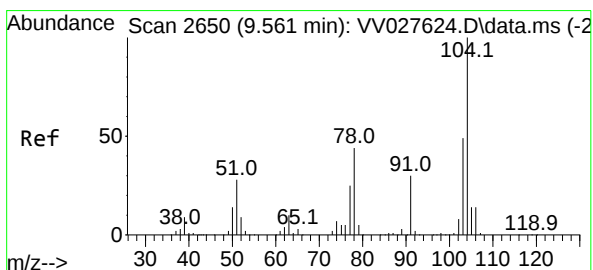
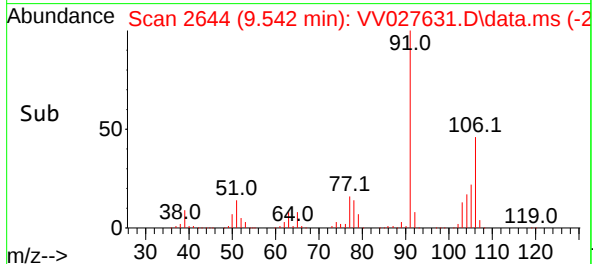
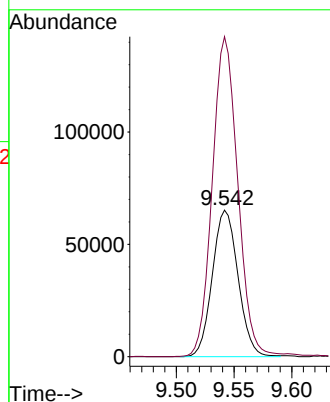
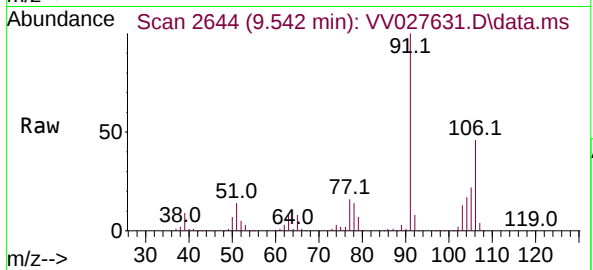




#54
o-Xylene
Concen: 5.133 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

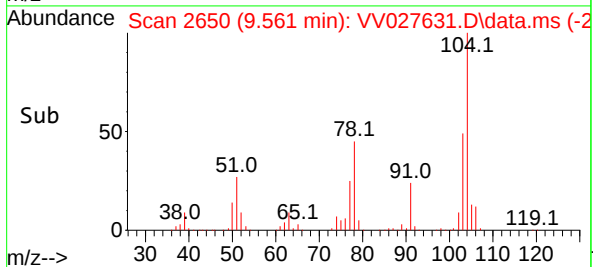
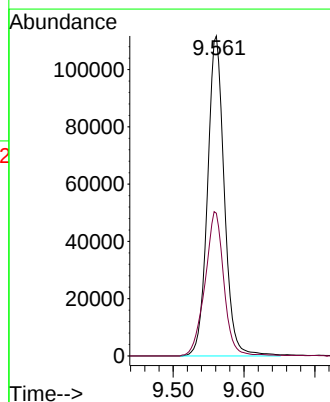
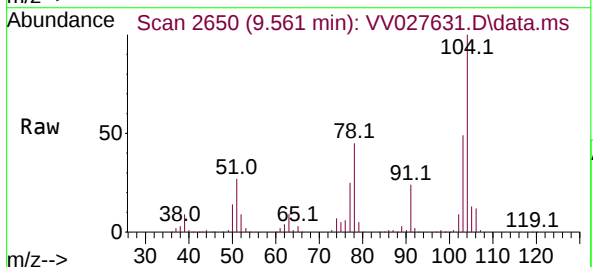
Instrument :
MSVOA_V
ClientSampleId :

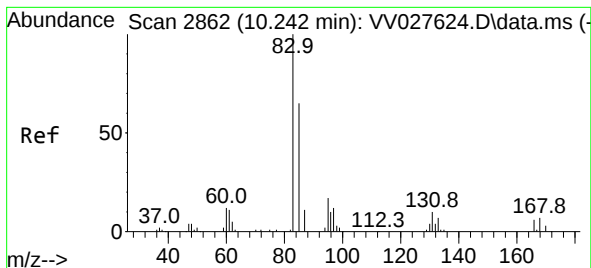
Tgt Ion:106 Resp: 101057
Ion Ratio Lower Upper
106 100
91 218.3 152.9 284.1



#55
Styrene
Concen: 5.464 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion:104 Resp: 183703
Ion Ratio Lower Upper
104 100
78 44.6 31.1 57.7

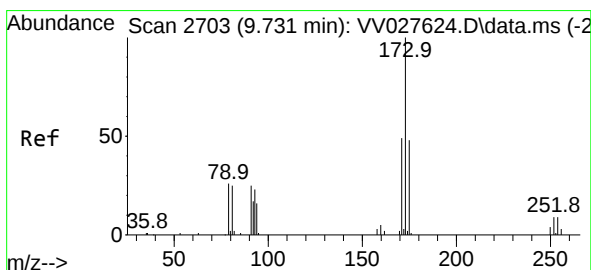
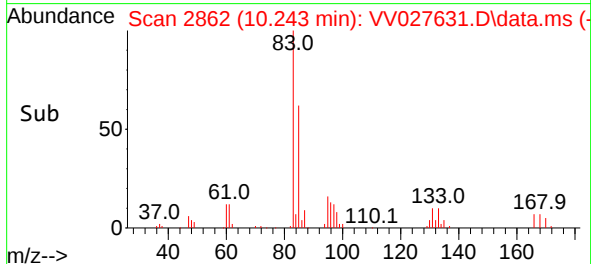
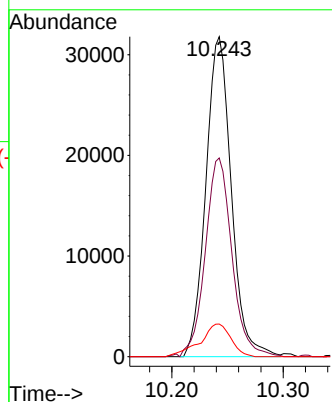
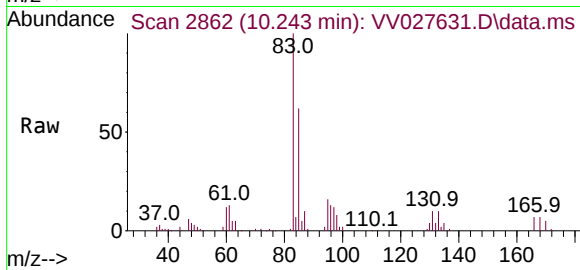




#57
1,1,2,2-Tetrachloroethane
Concen: 5.292 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

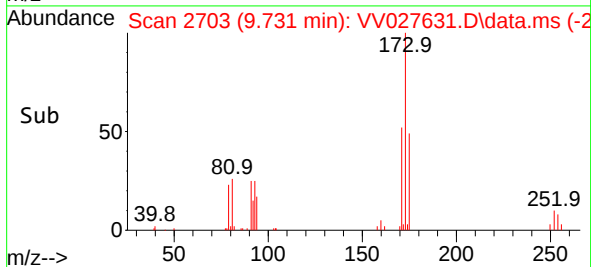
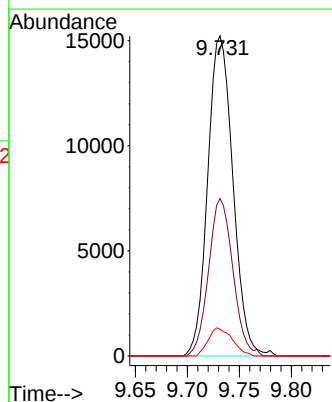
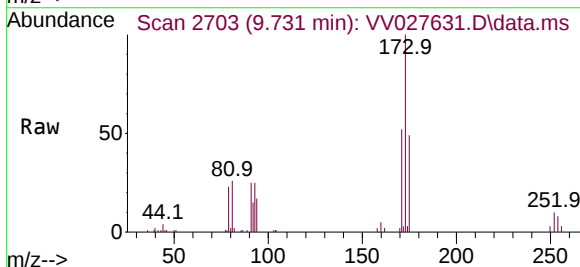
Instrument :
MSVOA_V
ClientSampleId :

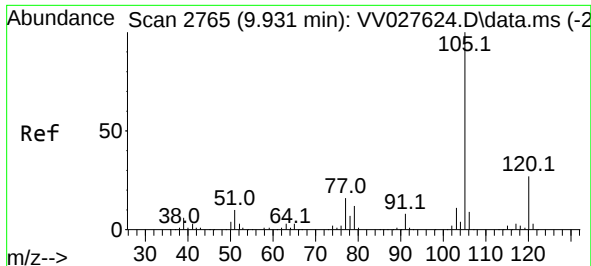
Tgt Ion: 83 Resp: 50558
Ion Ratio Lower Upper
83 100
85 62.1 45.6 84.8
131 10.2 8.0 12.0



#59
Bromoform
Concen: 4.804 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion: 173 Resp: 25727
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.4
254 8.4 7.0 10.4

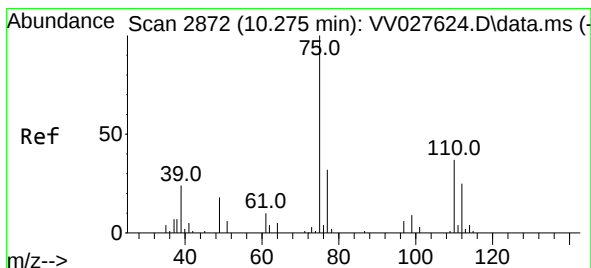
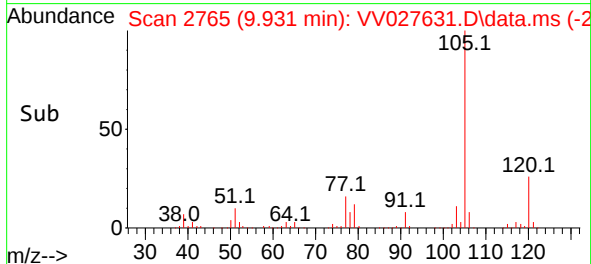
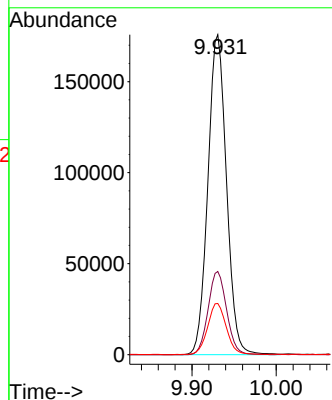
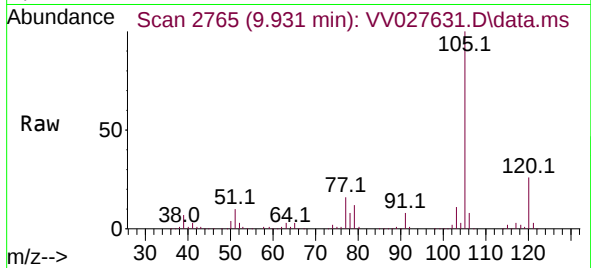




#60
Isopropylbenzene
Concen: 4.734 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

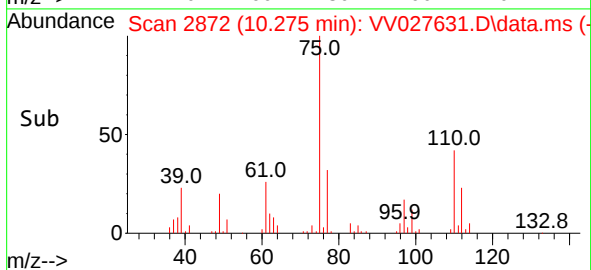
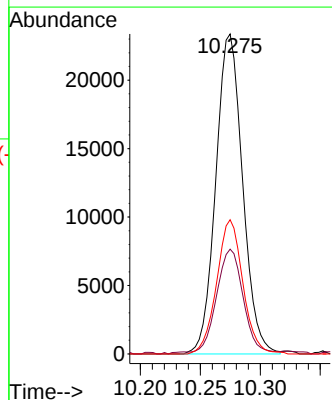
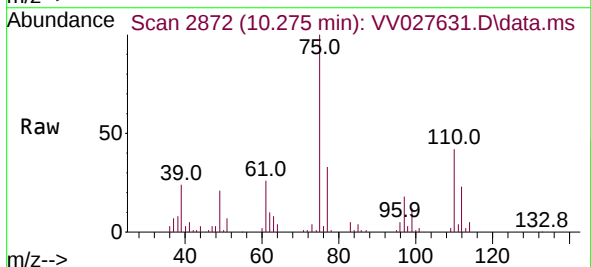
Instrument :
MSVOA_V
ClientSampleId :

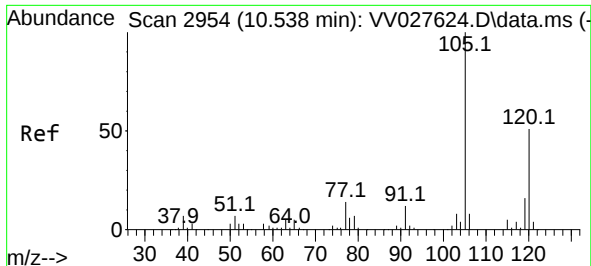
Tgt Ion:105 Resp: 270119
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 16.3 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.760 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion: 75 Resp: 36311
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.6
110 41.0 29.8 44.8





#62

1,3,5-Trimethylbenzene

Concen: 4.484 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

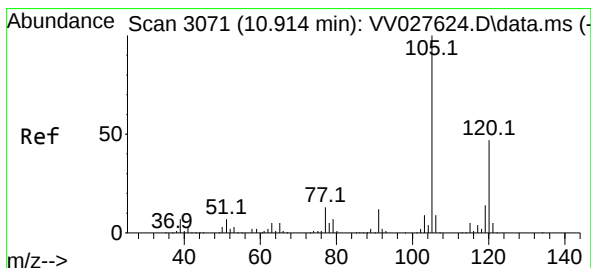
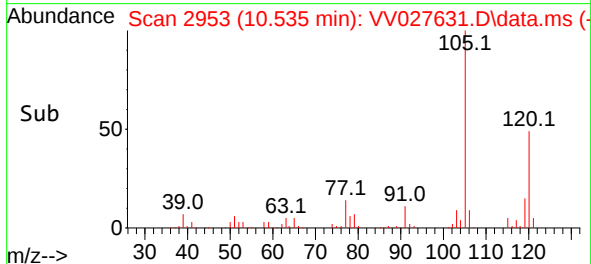
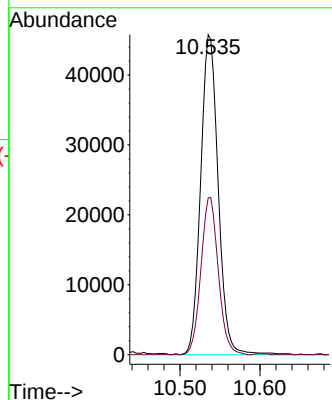
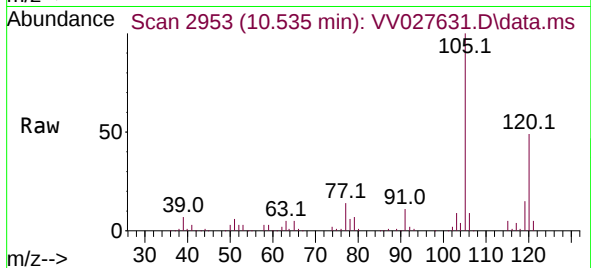
ClientSampleId :

Tgt Ion:105 Resp: 69814

Ion Ratio Lower Upper

105 100

120 48.7 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 4.485 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027631.D

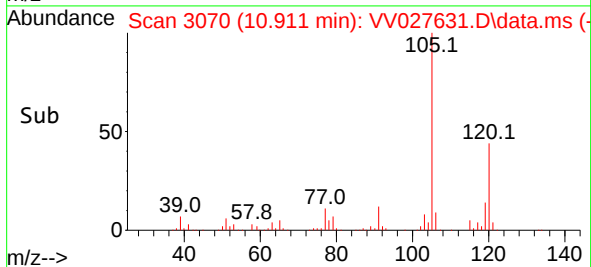
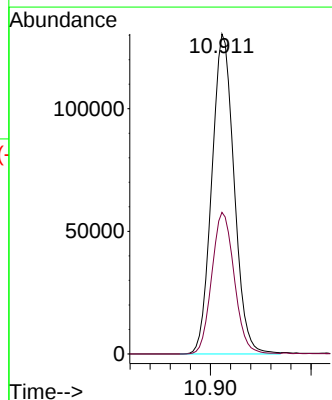
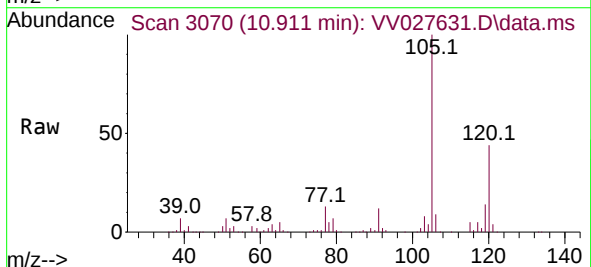
Acq: 31 Aug 2022 21:27

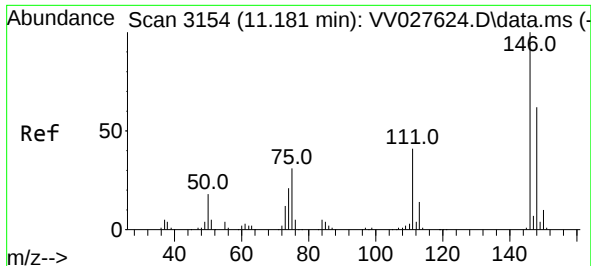
Tgt Ion:105 Resp: 200754

Ion Ratio Lower Upper

105 100

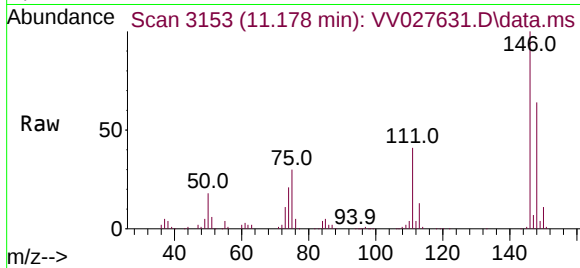
120 44.6 36.1 54.1



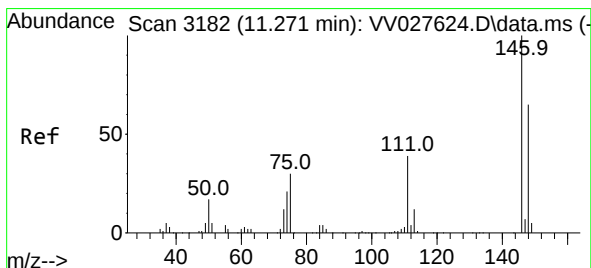
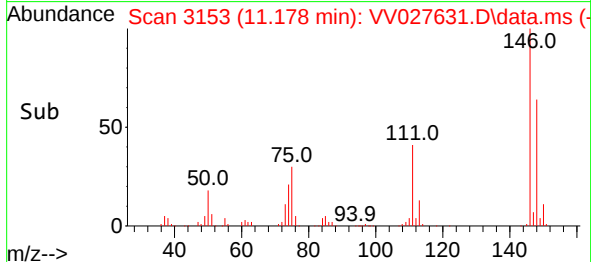
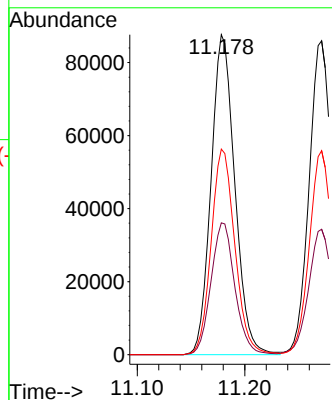


#64
1,3-Dichlorobenzene
Concen: 4.888 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Instrument :
MSVOA_V
ClientSampleId :

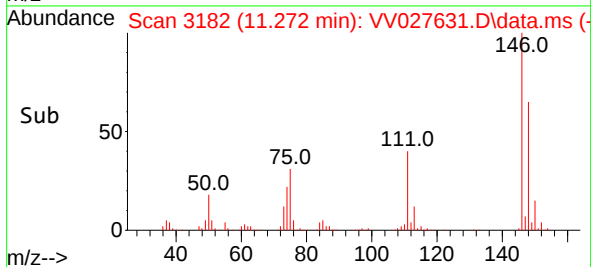
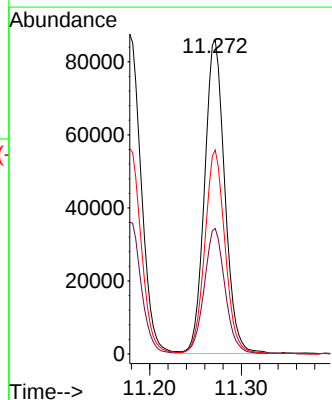
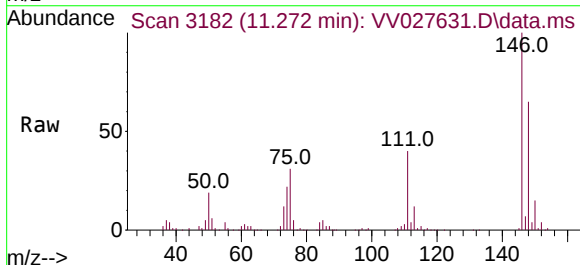


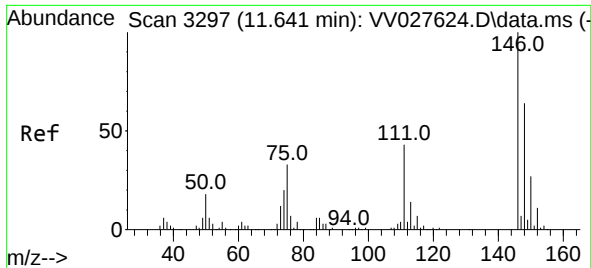
Tgt Ion:146 Resp: 134603
Ion Ratio Lower Upper
146 100
111 41.2 29.0 53.8
148 64.3 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 4.808 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion:146 Resp: 131638
Ion Ratio Lower Upper
146 100
111 40.0 27.5 51.1
148 65.0 45.4 84.4

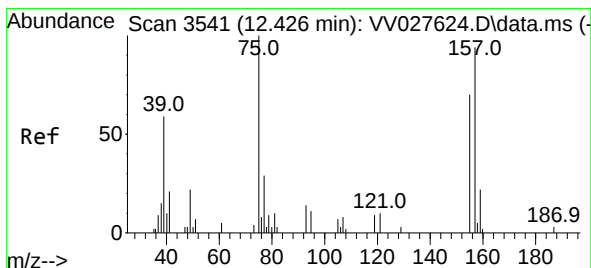
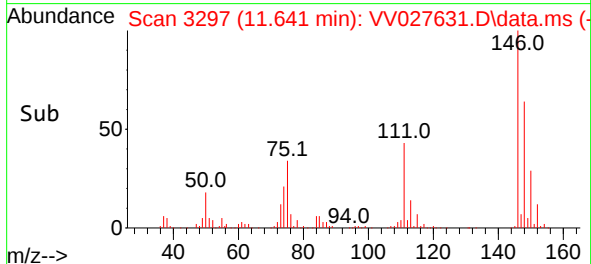
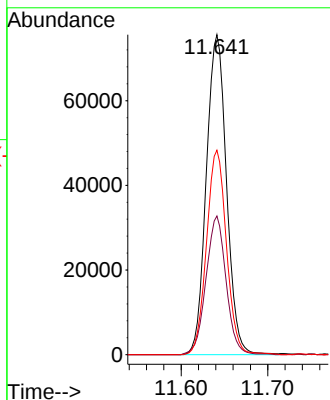
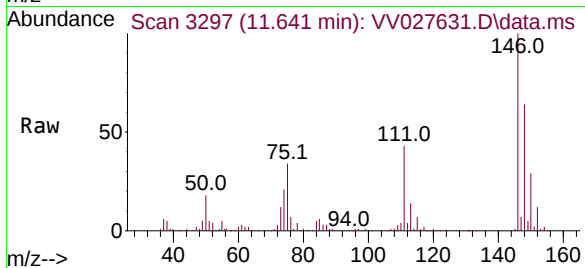




#67
1,2-Dichlorobenzene
Concen: 4.963 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

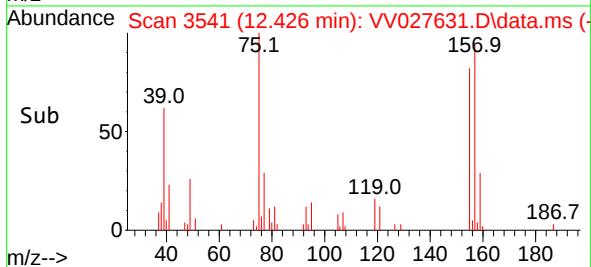
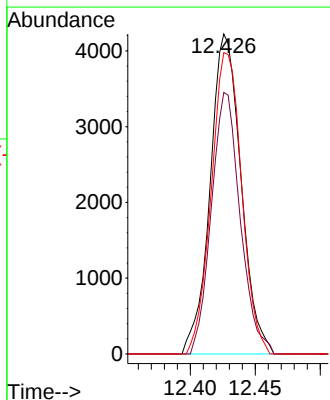
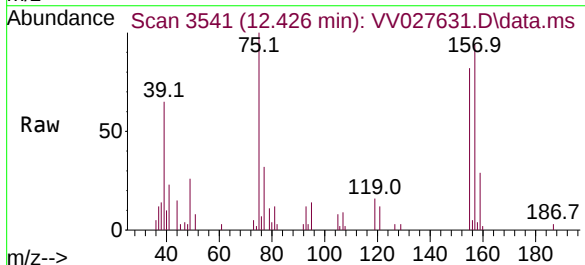
Instrument :
MSVOA_V
ClientSampleId :

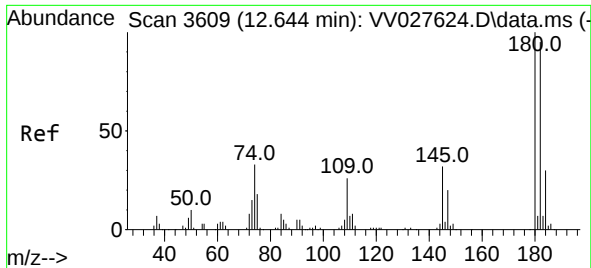
Tgt Ion:146 Resp: 122563
Ion Ratio Lower Upper
146 100
111 43.3 34.2 51.2
148 63.9 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.585 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

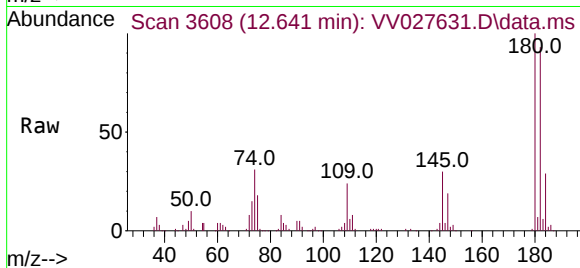
Tgt Ion: 75 Resp: 6965
Ion Ratio Lower Upper
75 100
155 81.7 56.4 84.6
157 94.2 74.9 112.3



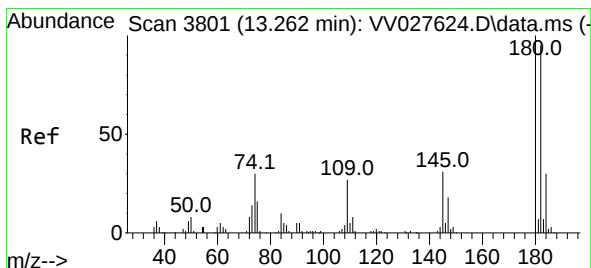
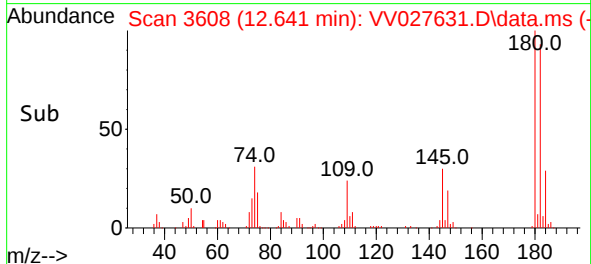
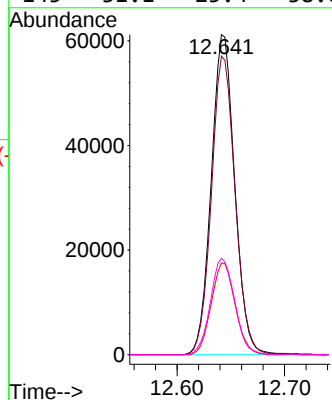


#69
1,3,5-Trichlorobenzene
Concen: 4.674 ug/L
RT: 12.641 min Scan# 30
Delta R.T. -0.003 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Instrument :
MSVOA_V
ClientSampleId :

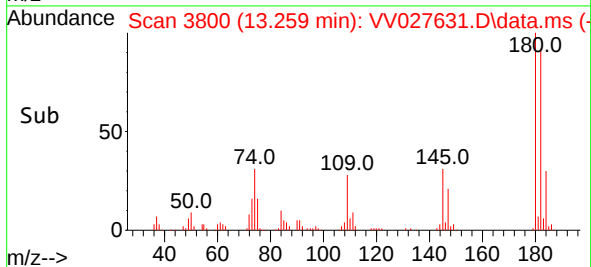
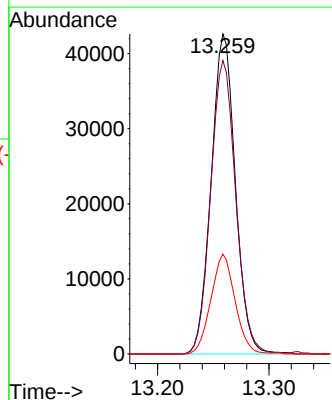
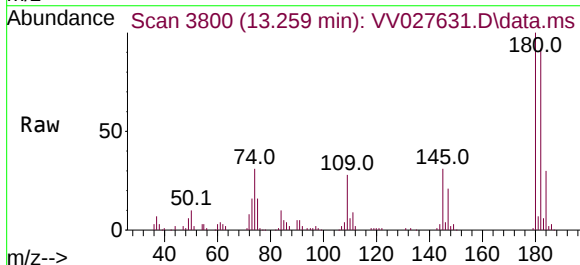


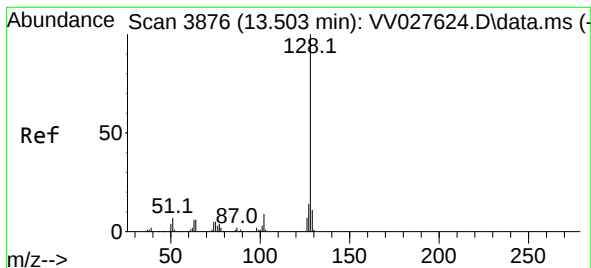
Tgt Ion:180 Resp: 92786
Ion Ratio Lower Upper
180 100
182 94.2 74.6 112.0
184 29.2 23.5 35.3
145 31.1 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 4.395 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.003 min
Lab File: VV027631.D
Acq: 31 Aug 2022 21:27

Tgt Ion:180 Resp: 64309
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.8
145 31.1 24.6 37.0





#71

Naphthalene

Concen: 3.939 ug/L

RT: 13.500 min Scan# 3876

Delta R.T. -0.003 min

Lab File: VV027631.D

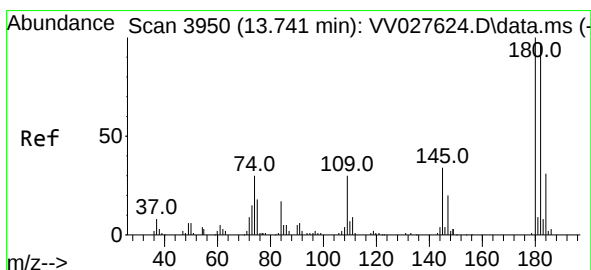
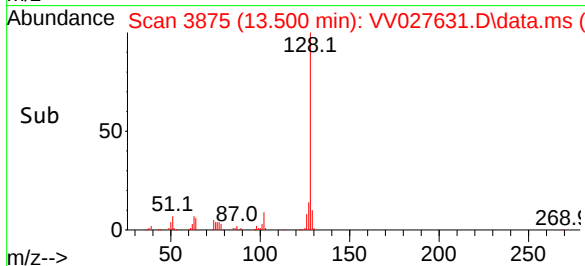
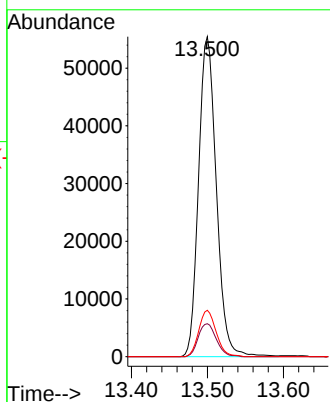
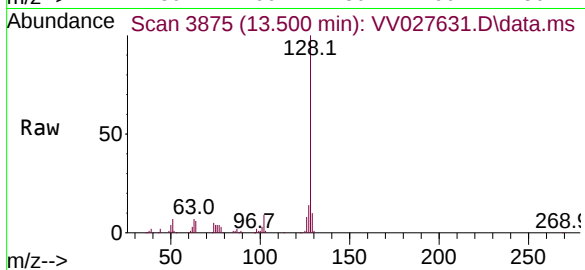
Acq: 31 Aug 2022 21:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	90206
Ion Ratio	Lower	Upper
128	100	
129	10.5	8.9 13.3
127	14.2	10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 4.513 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027631.D

Acq: 31 Aug 2022 21:27

Tgt Ion:180	Resp:	59490
Ion Ratio	Lower	Upper
180	100	
182	93.9	77.1 115.7
145	32.0	27.4 41.0

