

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027747.D
 Acq On : 06 Sep 2022 17:13
 Operator : SY/MD
 Sample : VSTDCV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

Quant Time: Sep 07 06:03:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:56:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	148410	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	54770	5.599	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.000%
7) Chloroethane-d5	1.561	69	47921	5.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	2.101	63	123389	5.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.800%
20) 2-Butanone-d5	3.912	46	101263	46.707	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.420%
24) Chloroform-d	4.343	84	110007	5.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.031	65	54603	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.043	84	207157	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.066	67	58685	4.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.313	98	194430	5.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
43) trans-1,3-Dichloroprop...	7.622	79	22098	5.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.092	63	78278	49.957	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39553	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	59705	4.763	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	86685	5.950	ug/L	97
3) Chloromethane	1.240	50	75214	5.670	ug/L	96
5) Vinyl chloride	1.307	62	78364	5.865	ug/L	98
6) Bromomethane	1.516	94	41367	5.748	ug/L	97
8) Chloroethane	1.577	64	48318	6.297	ug/L	99
9) Trichlorofluoromethane	1.745	101	132778	6.133	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	64789	6.139	ug/L	100
12) 1,1-Dichloroethene	2.108	96	59522	6.052	ug/L	97
13) Acetone	2.191	43	30171	18.677	ug/L	79
14) Carbon disulfide	2.281	76	168771	5.779	ug/L	99
15) Methyl Acetate	2.442	43	18414	4.298	ug/L #	89
16) Methylene chloride	2.500	84	64831	5.118	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	120553	5.164	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	59891	5.766	ug/L	94
19) 1,1-Dichloroethane	3.182	63	114080	5.852	ug/L	96
21) 2-Butanone	3.995	43	103156	45.238	ug/L	81
22) cis-1,2-Dichloroethene	3.905	96	59522	5.258	ug/L #	88
23) Bromochloromethane	4.243	128	27882	5.865	ug/L	90
25) Chloroform	4.368	83	123665	5.718	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027747.D
 Acq On : 06 Sep 2022 17:13
 Operator : SY/MD
 Sample : VSTDCV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

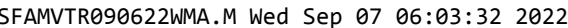
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

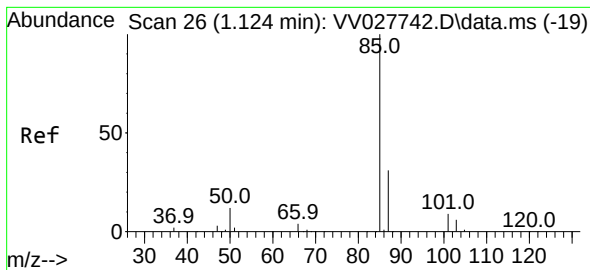
Quant Time: Sep 07 06:03:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:56:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	67715	5.164	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	112586	4.948	ug/L	97
30) Cyclohexane	4.667	56	84292	4.508	ug/L	99
31) Carbon tetrachloride	4.822	117	99546	5.149	ug/L	98
33) Benzene	5.095	78	241226	4.937	ug/L	100
34) Trichloroethene	5.908	95	61234	5.007	ug/L	99
35) Methylcyclohexane	6.127	83	93681	4.988	ug/L	97
37) 1,2-Dichloropropane	6.169	63	58093	5.011	ug/L	99
38) Bromodichloromethane	6.506	83	80243	5.220	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	73898	5.048	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	263949	50.229	ug/L	100
42) Toluene	7.384	91	263930	5.577	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	65906	5.365	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	40590	5.403	ug/L	96
47) Tetrachloroethene	7.973	164	52039	5.303	ug/L	96
48) 2-Hexanone	8.140	43	201594	52.768	ug/L	98
49) Dibromochloromethane	8.243	129	50119	5.255	ug/L	99
50) 1,2-Dibromoethane	8.352	107	35959	5.293	ug/L #	93
51) Chlorobenzene	8.879	112	162065	5.277	ug/L	98
52) Ethylbenzene	9.008	91	257031	5.237	ug/L	100
53) m,p-Xylene	9.137	106	102944	5.332	ug/L	96
54) o-Xylene	9.542	106	95913	5.212	ug/L	97
55) Styrene	9.558	104	173519	5.453	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	42340	5.029	ug/L	98
59) Bromoform	9.728	173	24701	5.347	ug/L	99
60) Isopropylbenzene	9.927	105	261036	5.467	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	31541	5.219	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	68675	5.108	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	190903	4.995	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	121317	5.018	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	122157	5.014	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	111639	5.085	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6653	5.129	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	93925	5.128	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	76338	5.272	ug/L	95
71) Naphthalene	13.500	128	100573	4.421	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	65447	5.073	ug/L	99

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

Quant Time: Sep 07 06:03:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 07 05:56:09 2022
Response via : Initial Calibration

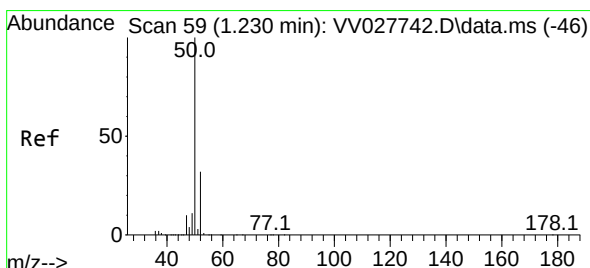
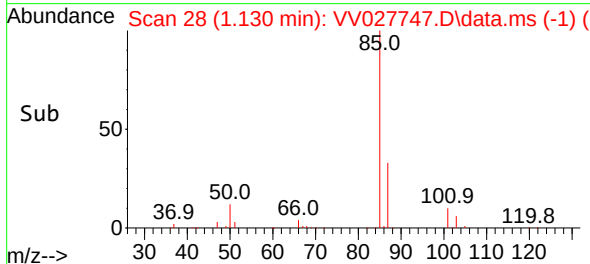
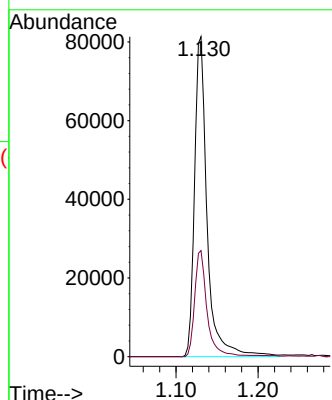
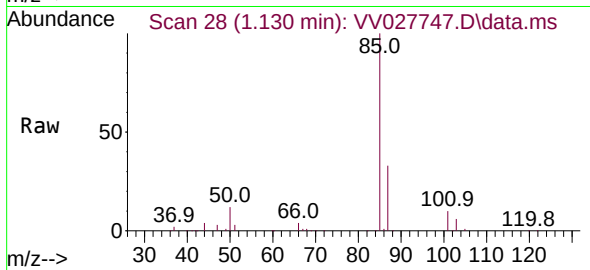




#2
 Dichlorodifluoromethane
 Concen: 5.950 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

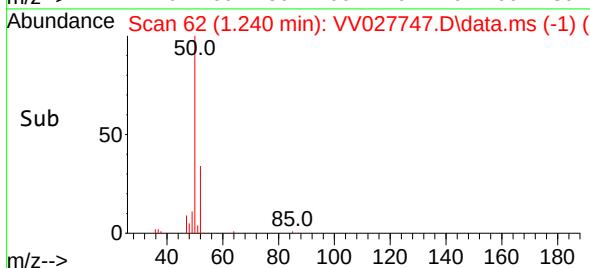
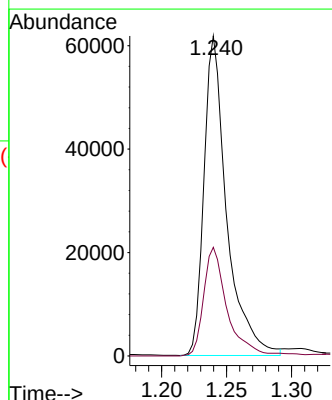
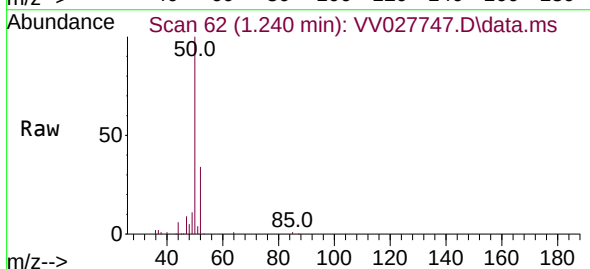
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

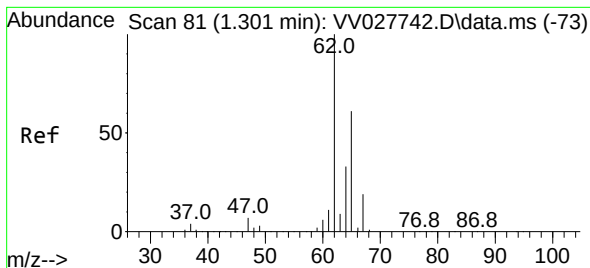
Tgt Ion: 85 Resp: 86685
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.4 38.0



#3
 Chloromethane
 Concen: 5.670 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

Tgt Ion: 50 Resp: 75214
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.1 41.1





#5

Vinyl chloride

Concen: 5.865 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.006 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

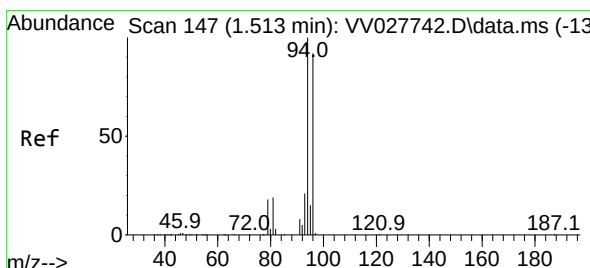
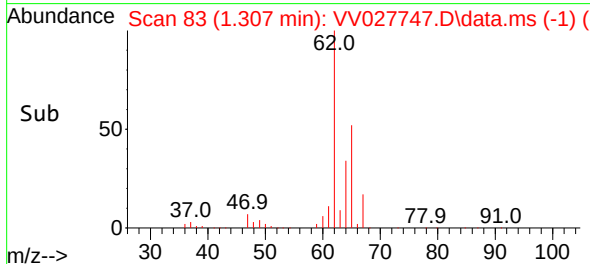
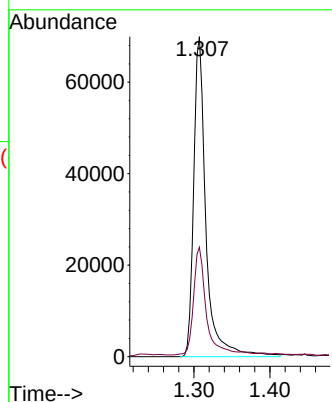
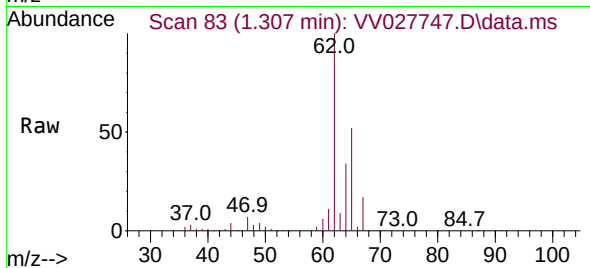
VICV233

Tgt Ion: 62 Resp: 78364

Ion Ratio Lower Upper

62 100

64 34.2 23.2 43.2



#6

Bromomethane

Concen: 5.748 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.003 min

Lab File: VV027747.D

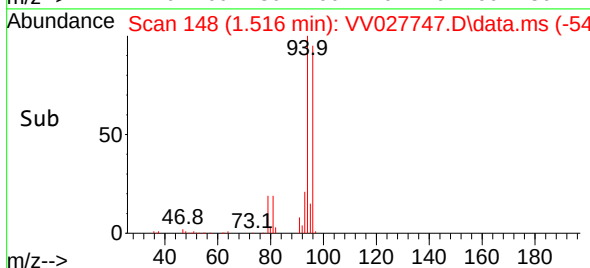
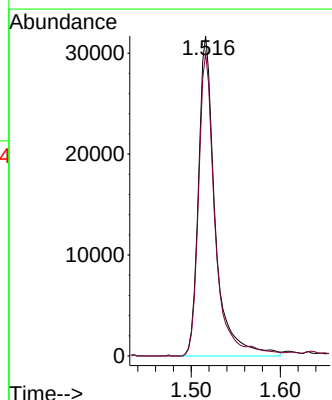
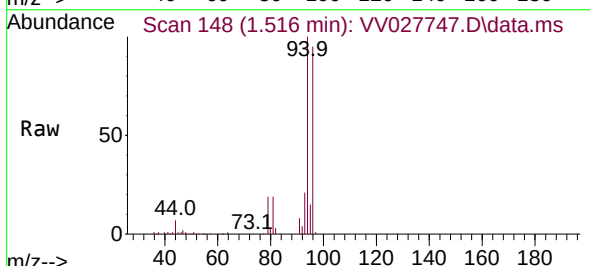
Acq: 06 Sep 2022 17:13

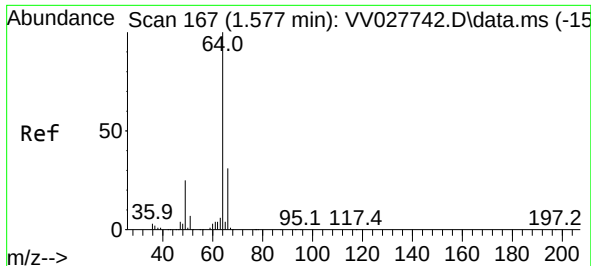
Tgt Ion: 94 Resp: 41367

Ion Ratio Lower Upper

94 100

96 94.6 64.2 119.2

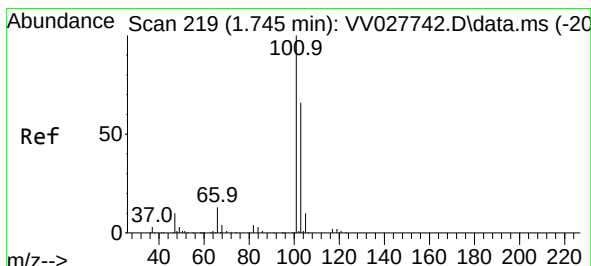
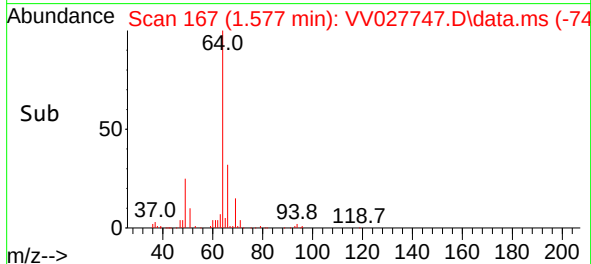
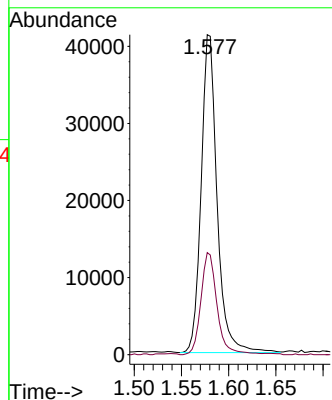
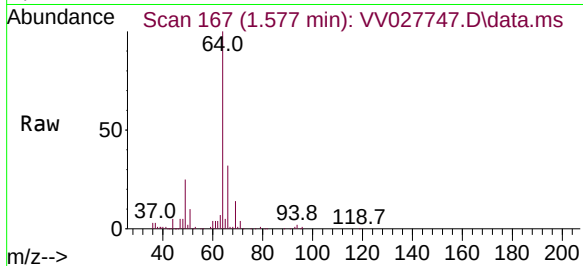




#8
Chloroethane
Concen: 6.297 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

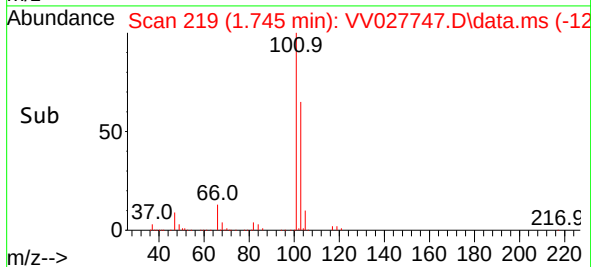
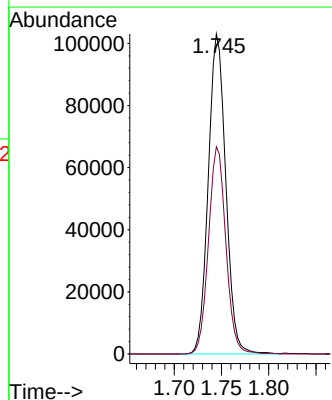
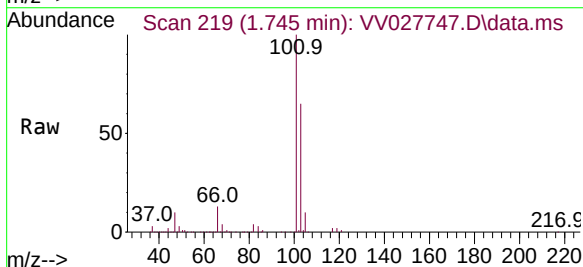
Instrument :
MSVOA_V
ClientSampleId :
VICV233

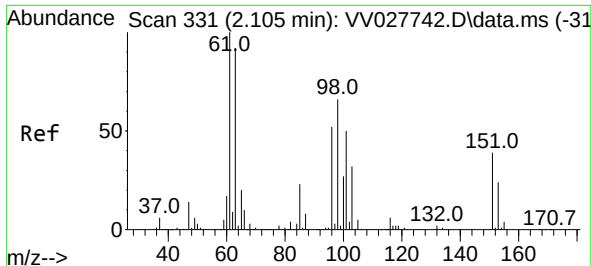
Tgt Ion: 64 Resp: 48318
Ion Ratio Lower Upper
64 100
66 31.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.133 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Tgt Ion:101 Resp: 132778
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5





#10

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

Concen: 6.139 ug/L

RT: 2.108 min Scan# 331

Delta R.T. 0.003 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

VICV233

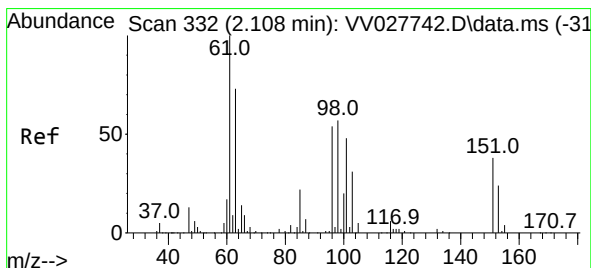
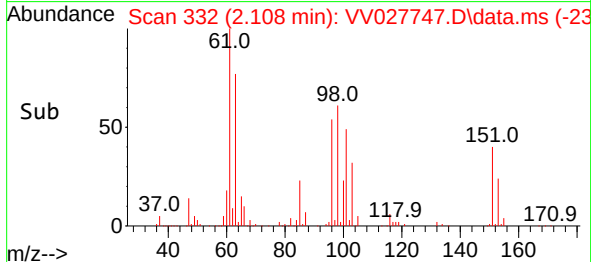
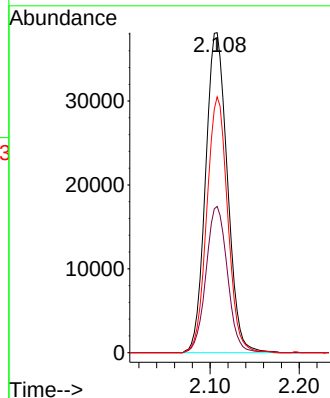
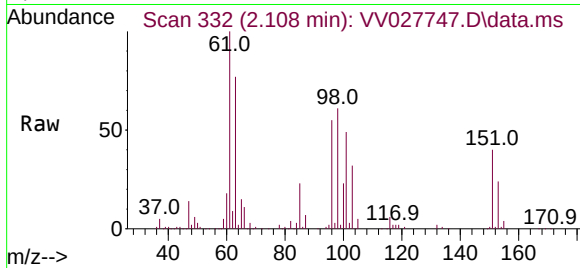
Tgt Ion:101 Resp: 64789

Ion Ratio Lower Upper

101 100

85 45.1 35.8 53.8

151 76.6 61.2 91.8



#12

1,1-Dichloroethene

Concen: 6.052 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

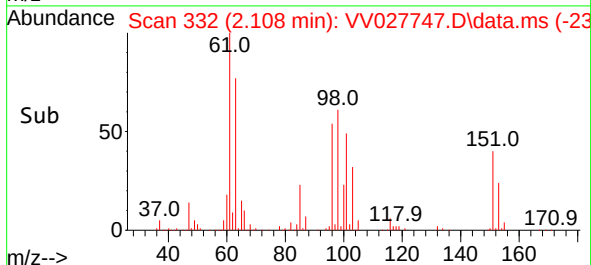
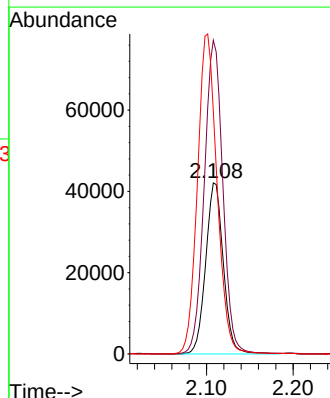
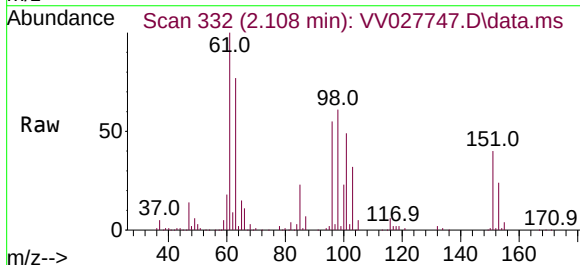
Tgt Ion: 96 Resp: 59522

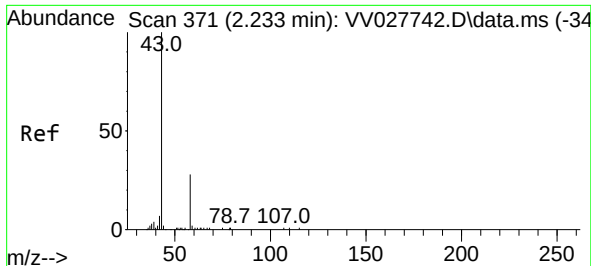
Ion Ratio Lower Upper

96 100

61 183.4 129.9 241.3

63 142.1 94.6 175.8

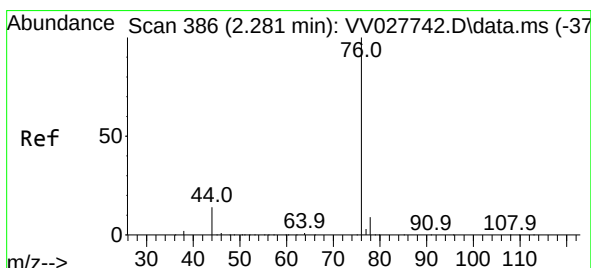
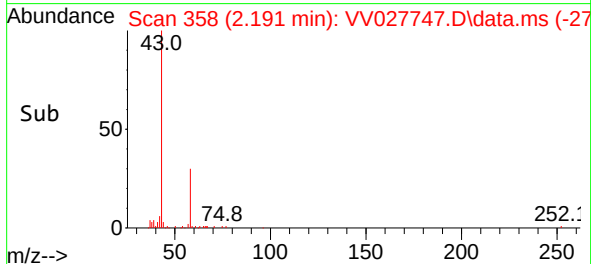
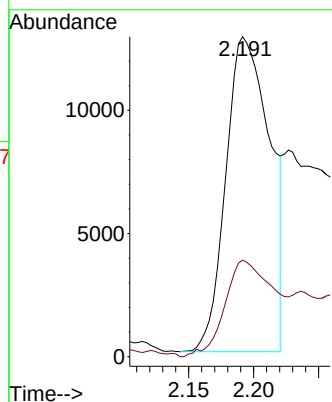
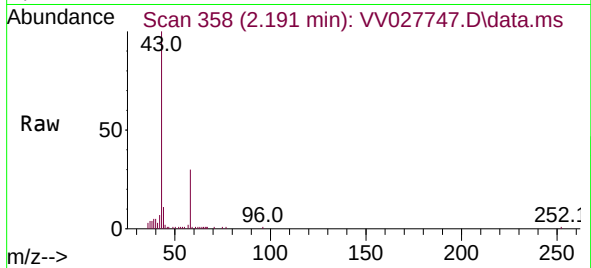




#13
Acetone
Concen: 18.677 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.042 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

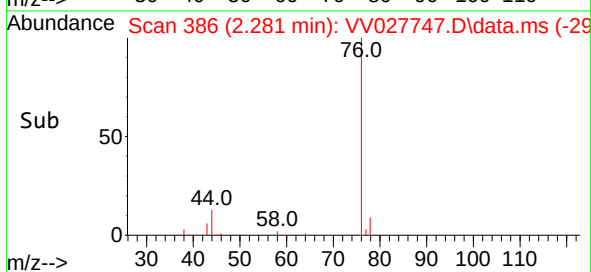
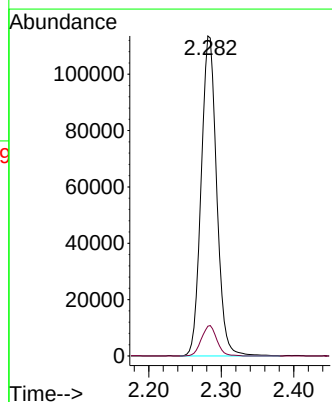
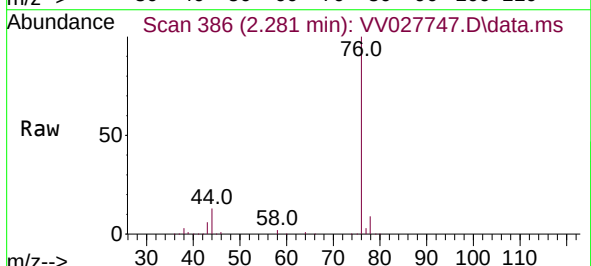
Instrument :
MSVOA_V
ClientSampleId :
VICV233

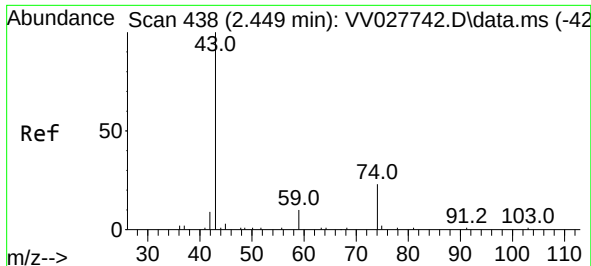
Tgt Ion: 43 Resp: 30171
Ion Ratio Lower Upper
43 100
58 35.0 0.0 49.4



#14
Carbon disulfide
Concen: 5.779 ug/L
RT: 2.281 min Scan# 386
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Tgt Ion: 76 Resp: 168771
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

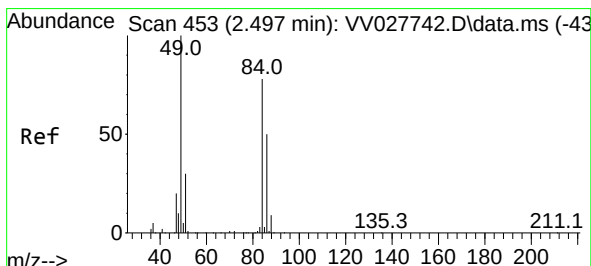
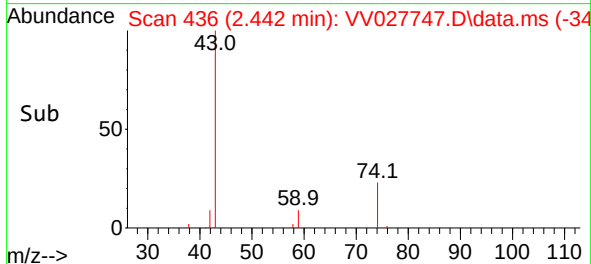
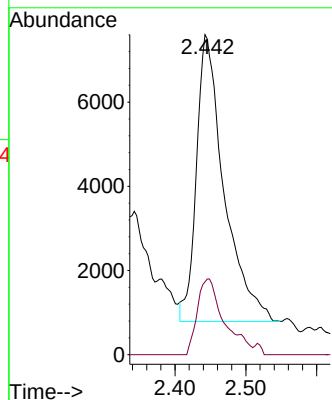
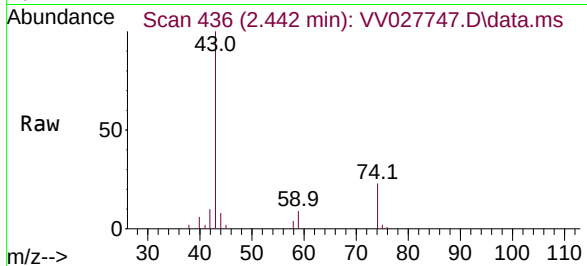




#15
Methyl Acetate
Concen: 4.298 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

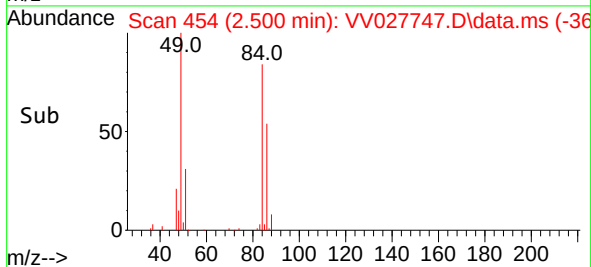
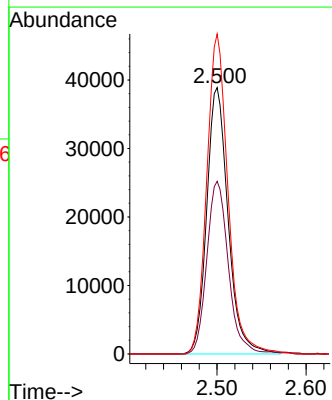
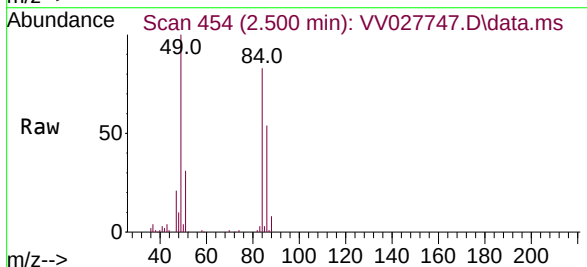
Instrument :
MSVOA_V
ClientSampleId :
VICV233

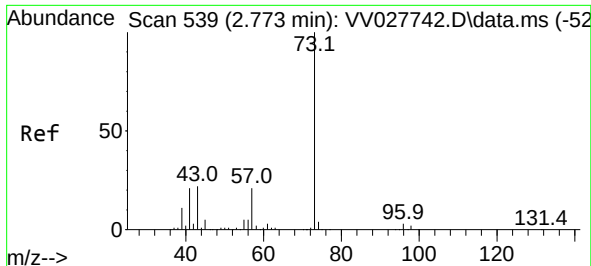
Tgt Ion: 43 Resp: 18414
Ion Ratio Lower Upper
43 100
74 25.8 16.6 25.0#



#16
Methylene chloride
Concen: 5.118 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Tgt Ion: 84 Resp: 64831
Ion Ratio Lower Upper
84 100
86 64.8 44.9 83.3
49 120.1 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 5.164 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

VICV233

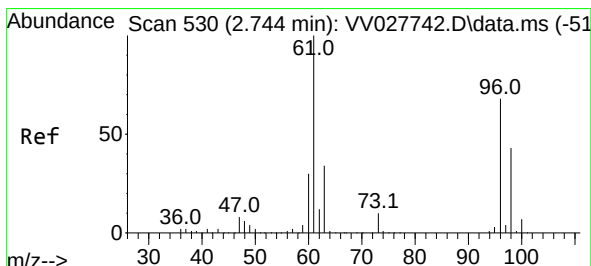
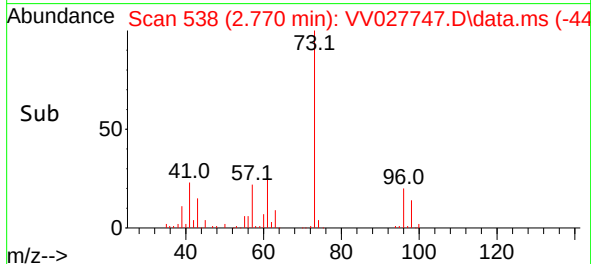
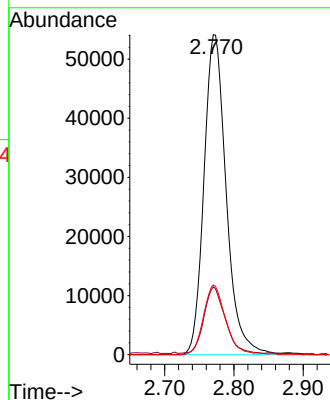
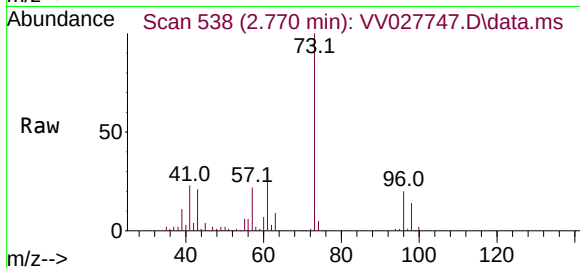
Tgt Ion: 73 Resp: 120553

Ion Ratio Lower Upper

73 100

43 19.6 17.5 26.3

57 21.5 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 5.766 ug/L

RT: 2.751 min Scan# 532

Delta R.T. 0.006 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

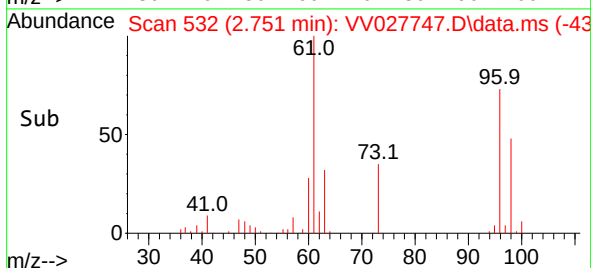
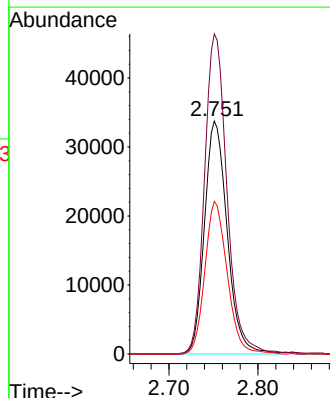
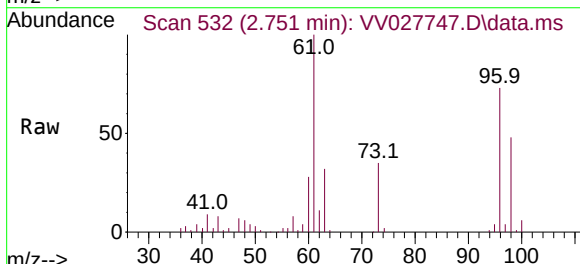
Tgt Ion: 96 Resp: 59891

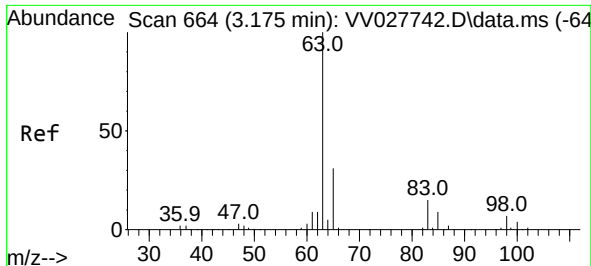
Ion Ratio Lower Upper

96 100

61 137.4 102.6 190.5

98 65.5 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.852 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

VICV233

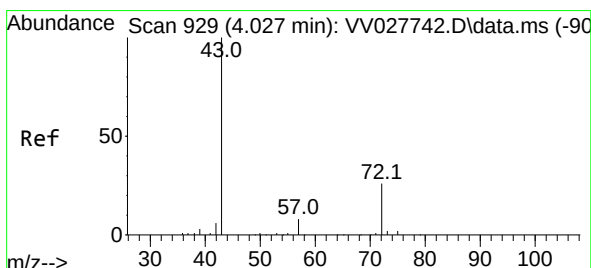
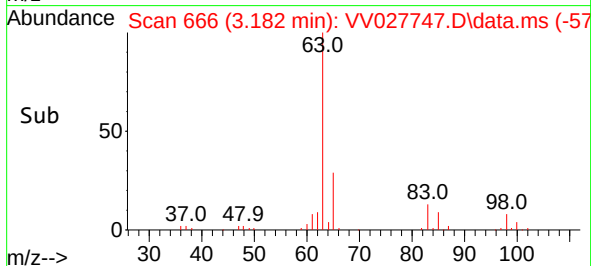
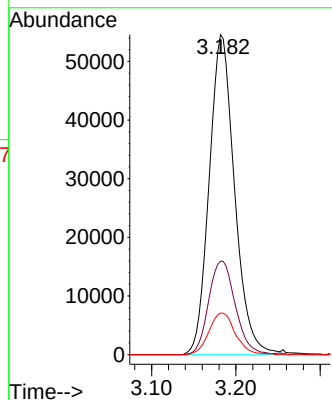
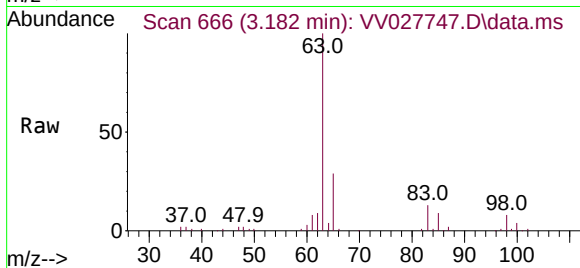
Tgt Ion: 63 Resp: 114080

Ion Ratio Lower Upper

63 100

65 29.3 22.0 41.0

83 13.0 10.1 18.9



#21

2-Butanone

Concen: 45.238 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.032 min

Lab File: VV027747.D

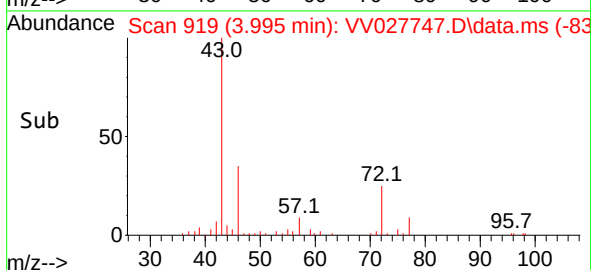
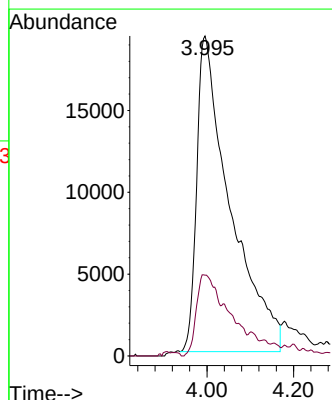
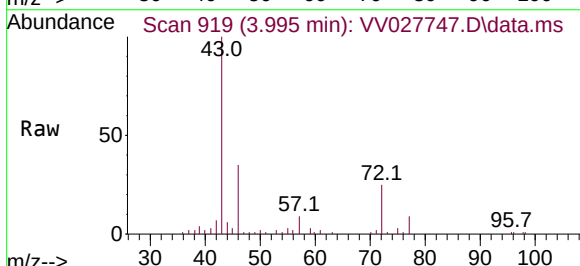
Acq: 06 Sep 2022 17:13

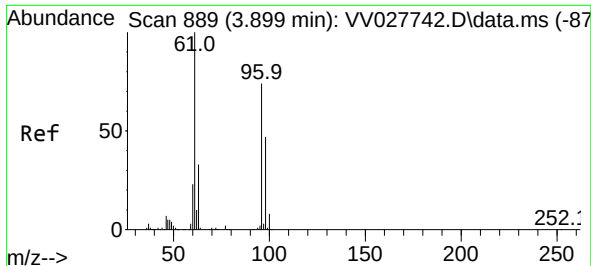
Tgt Ion: 43 Resp: 103156

Ion Ratio Lower Upper

43 100

72 16.1 13.0 39.0

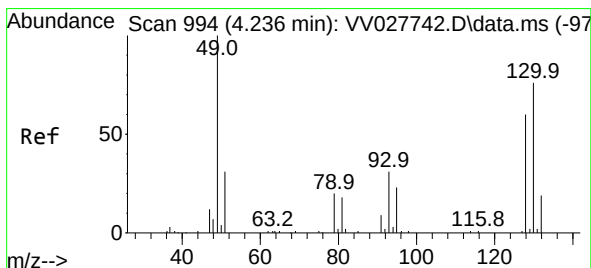
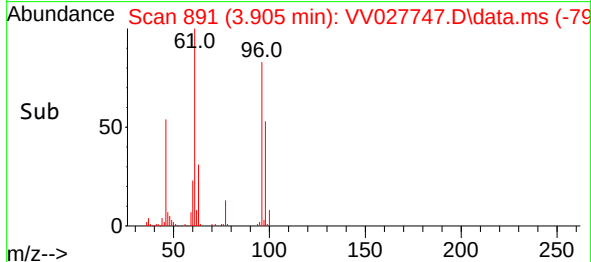
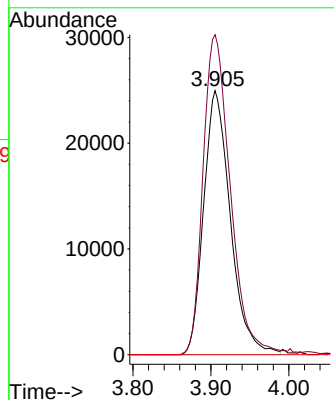
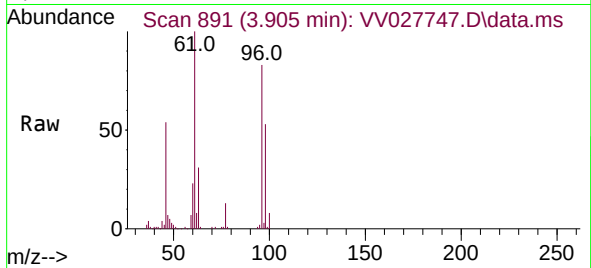




#22
 cis-1,2-Dichloroethene
 Concen: 5.258 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

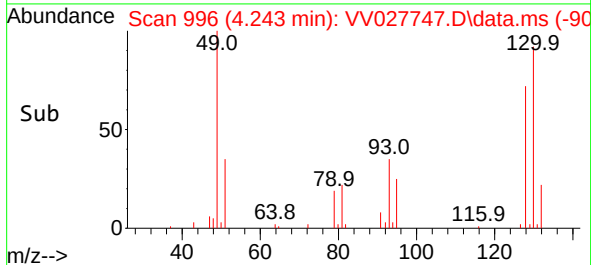
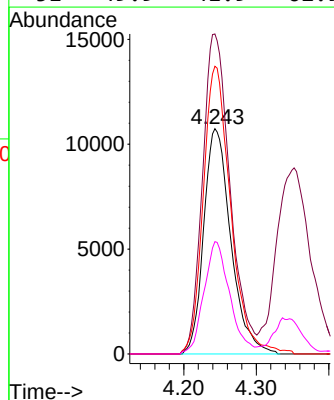
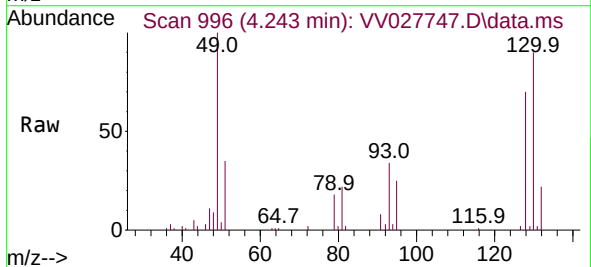
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

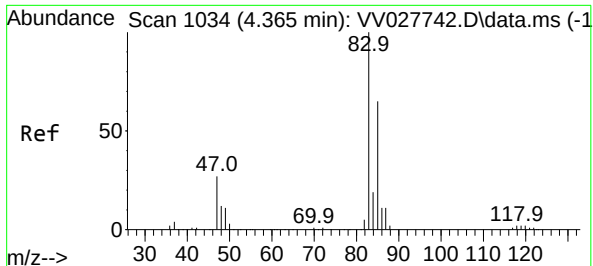
Tgt Ion: 96 Resp: 59522
 Ion Ratio Lower Upper
 96 100
 61 121.2 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 5.865 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

Tgt Ion:128 Resp: 27882
 Ion Ratio Lower Upper
 128 100
 49 142.0 118.4 219.8
 130 127.7 89.2 165.6
 51 49.9 41.9 62.9





#25

Chloroform

Concen: 5.718 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

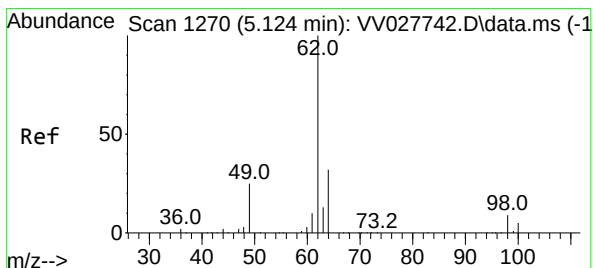
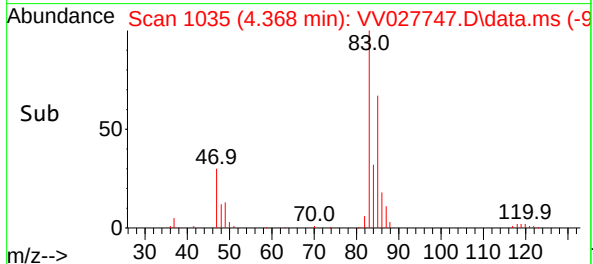
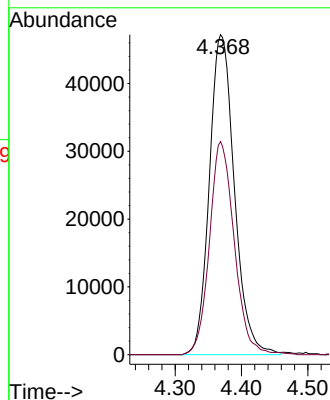
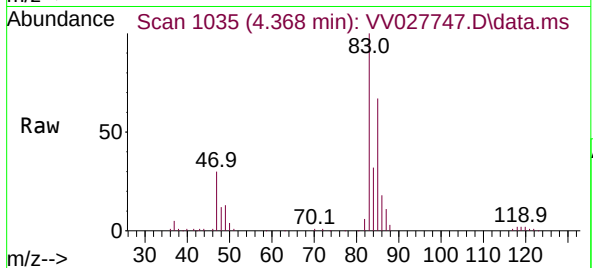
VICV233

Tgt Ion: 83 Resp: 123665

Ion Ratio Lower Upper

83 100

85 66.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.164 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV027747.D

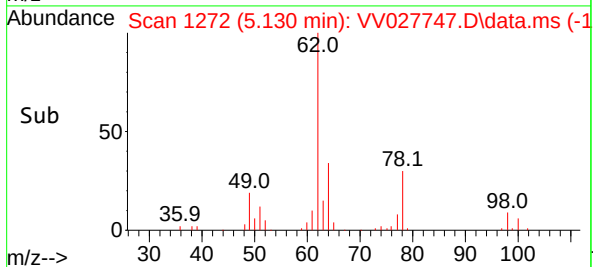
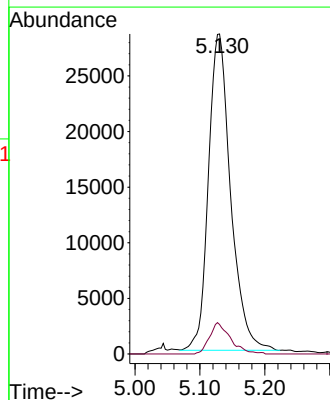
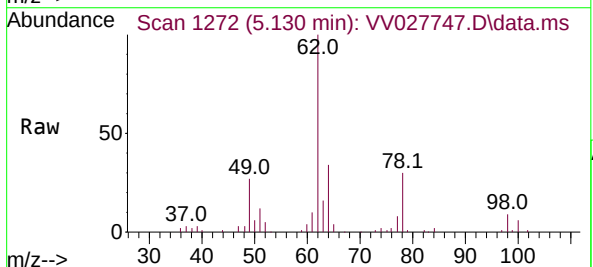
Acq: 06 Sep 2022 17:13

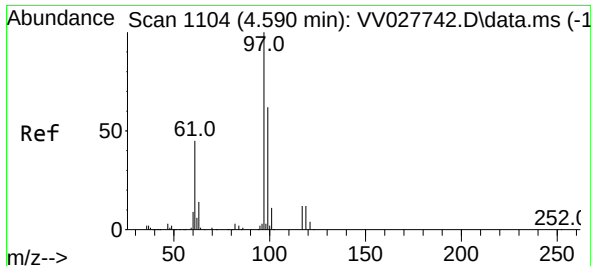
Tgt Ion: 62 Resp: 67715

Ion Ratio Lower Upper

62 100

98 9.2 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 4.948 ug/L

RT: 4.600 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

VICV233

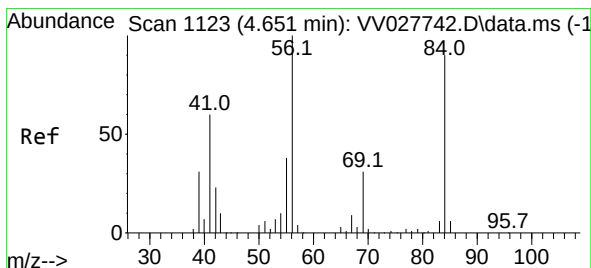
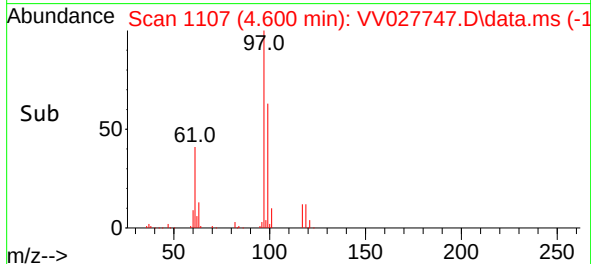
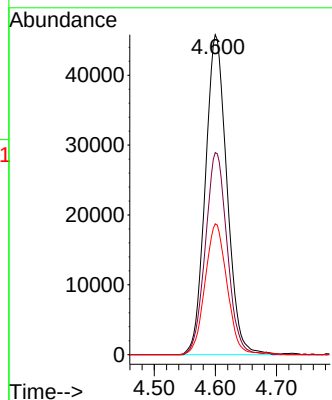
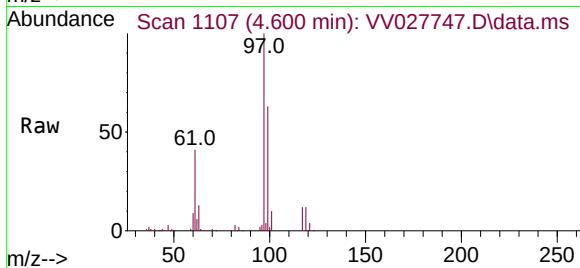
Tgt Ion: 97 Resp: 112586

Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 41.6 36.2 54.4



#30

Cyclohexane

Concen: 4.508 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.016 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

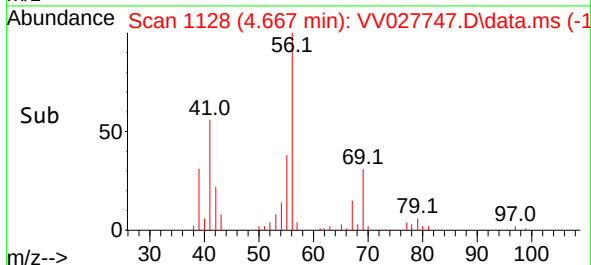
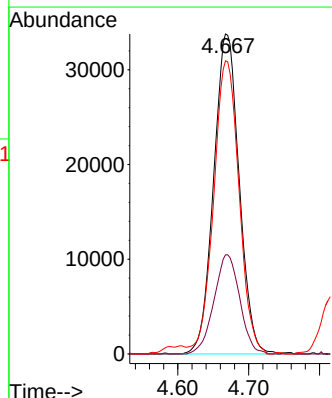
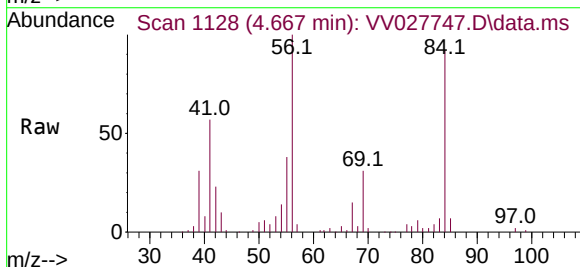
Tgt Ion: 56 Resp: 84292

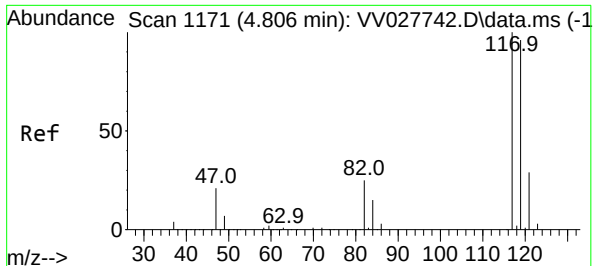
Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 91.4 73.8 110.8

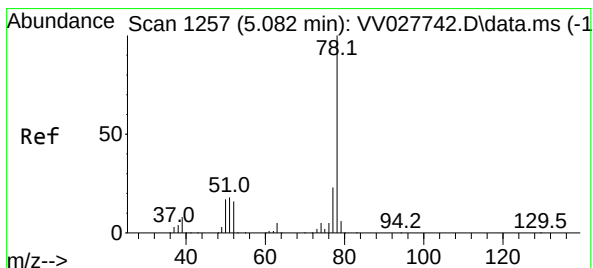
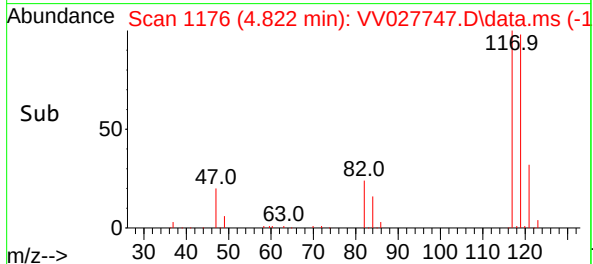
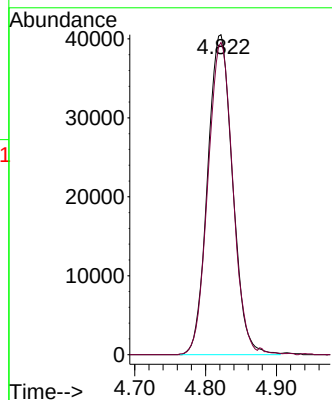
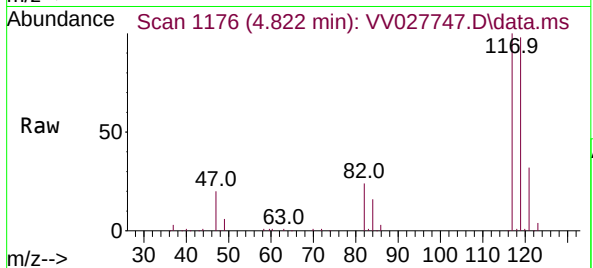




#31
Carbon tetrachloride
Concen: 5.149 ug/L
RT: 4.822 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

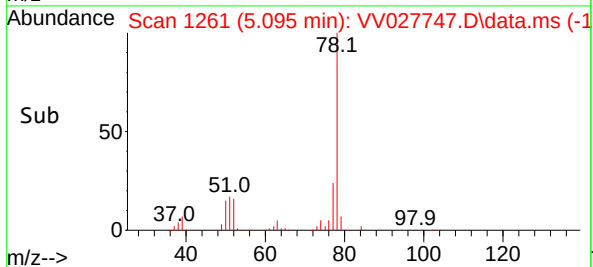
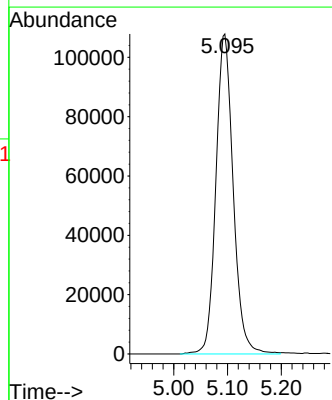
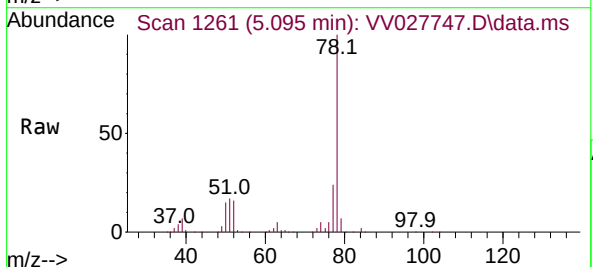
Instrument :
MSVOA_V
ClientSampleId :
VICV233

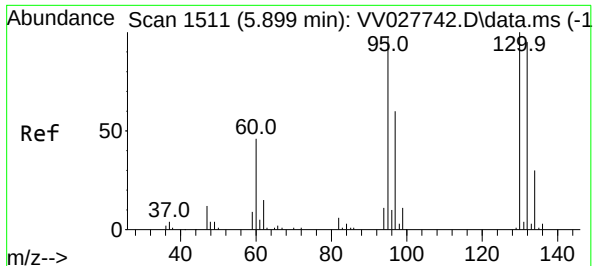
Tgt Ion:117 Resp: 99546
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8



#33
Benzene
Concen: 4.937 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.013 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Tgt Ion: 78 Resp: 241226





#34

Trichloroethene

Concen: 5.007 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

VICV233

Tgt Ion: 95 Resp: 61234

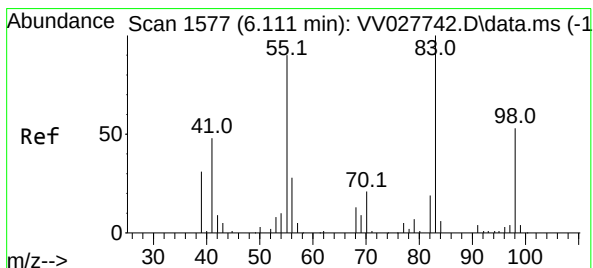
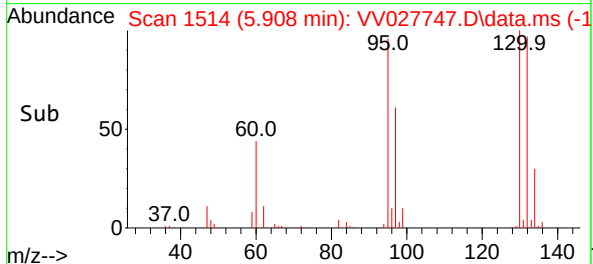
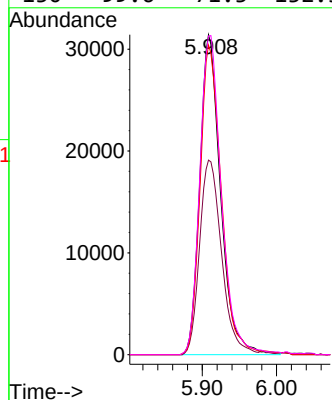
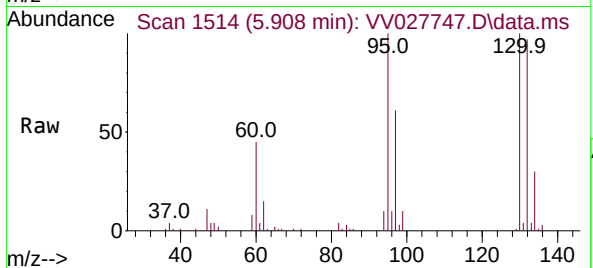
Ion Ratio Lower Upper

95 100

97 60.8 42.9 79.7

132 96.7 67.9 126.1

130 99.6 71.3 132.3



#35

Methylcyclohexane

Concen: 4.988 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.016 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

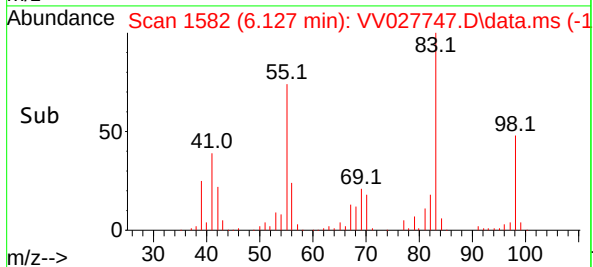
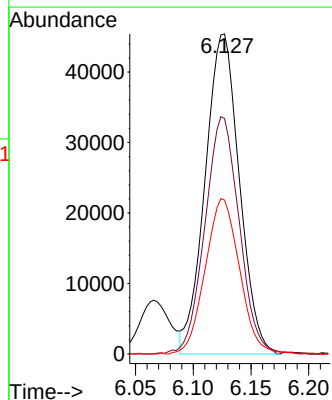
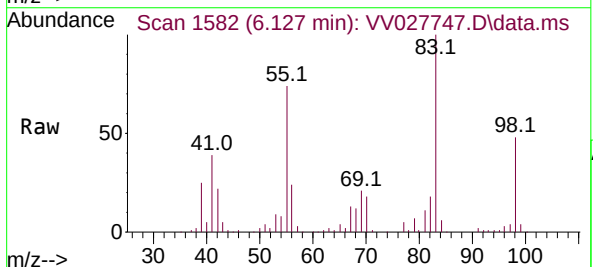
Tgt Ion: 83 Resp: 93681

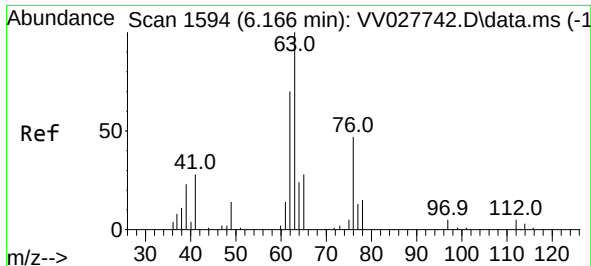
Ion Ratio Lower Upper

83 100

55 74.4 61.9 92.9

98 48.5 37.5 56.3





#37

1,2-Dichloropropane

Concen: 5.011 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

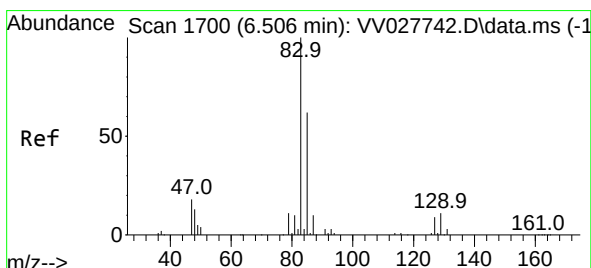
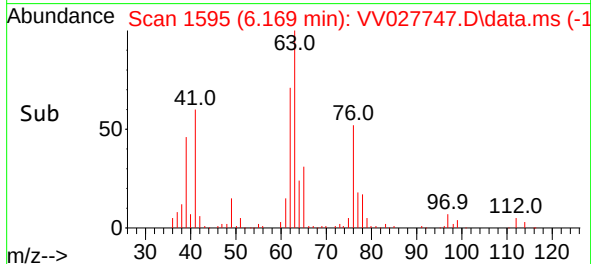
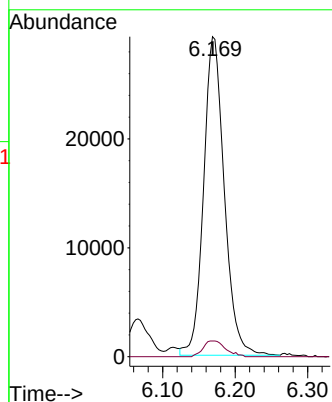
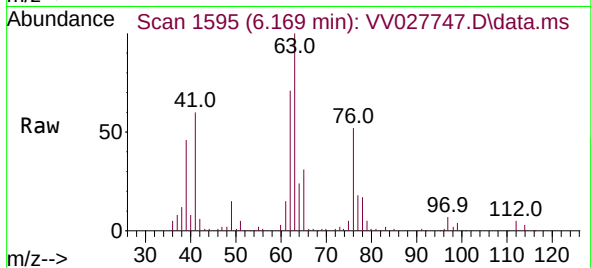
VICV233

Tgt Ion: 63 Resp: 58093

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 5.220 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

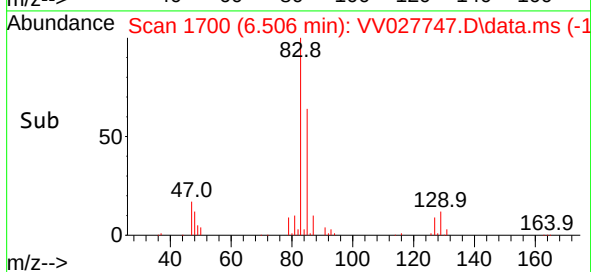
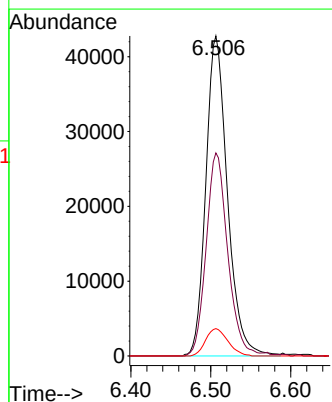
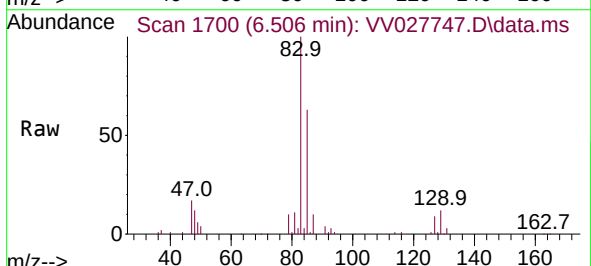
Tgt Ion: 83 Resp: 80243

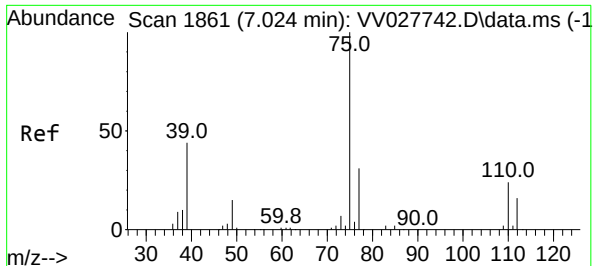
Ion Ratio Lower Upper

83 100

85 63.5 43.3 80.3

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.048 ug/L

RT: 7.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

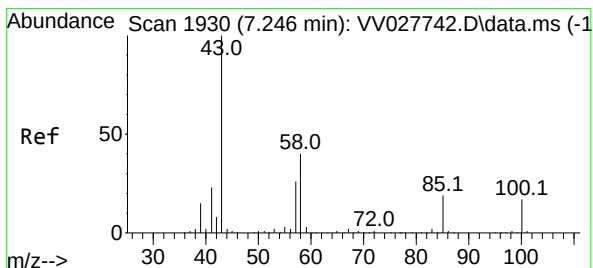
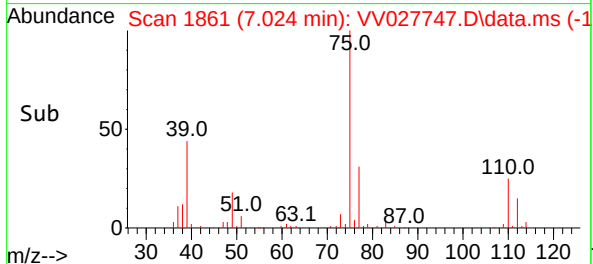
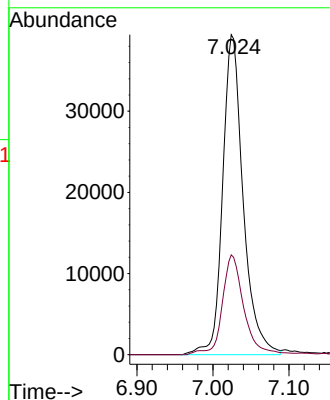
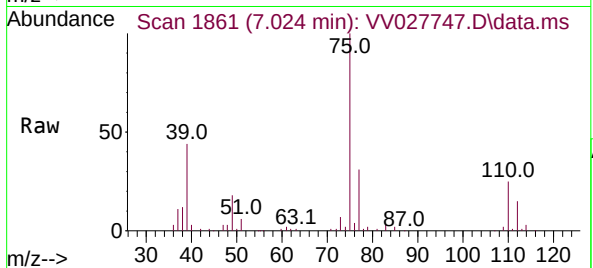
VICV233

Tgt Ion: 75 Resp: 73898

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 50.229 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.016 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

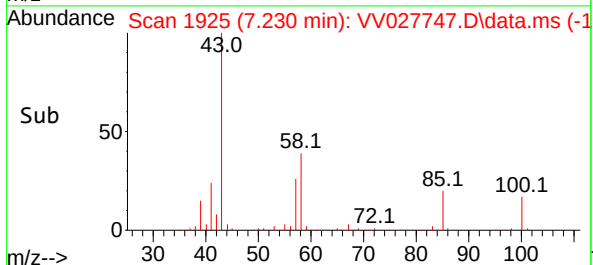
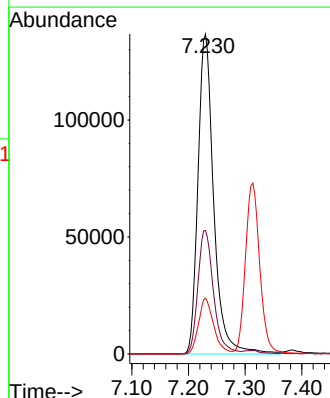
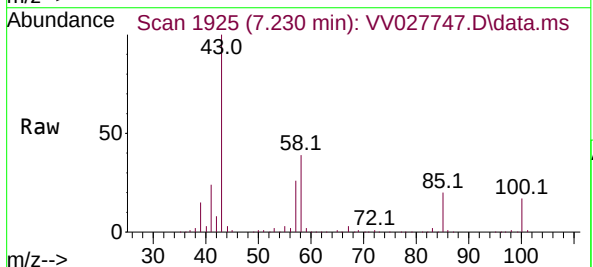
Tgt Ion: 43 Resp: 263949

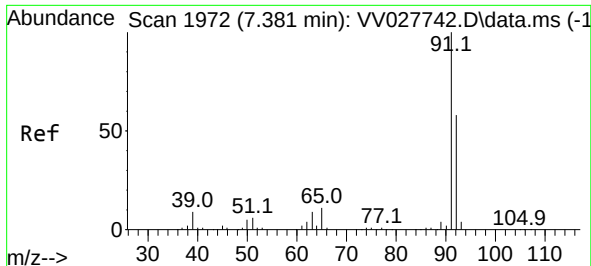
Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3

100 16.8 13.4 20.0





#42

Toluene

Concen: 5.577 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

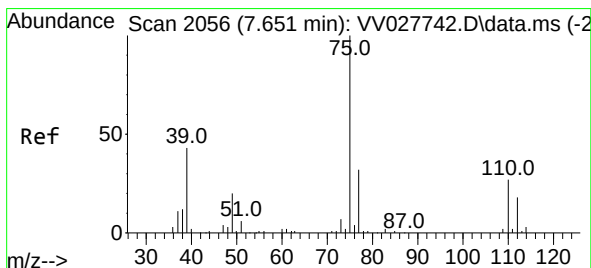
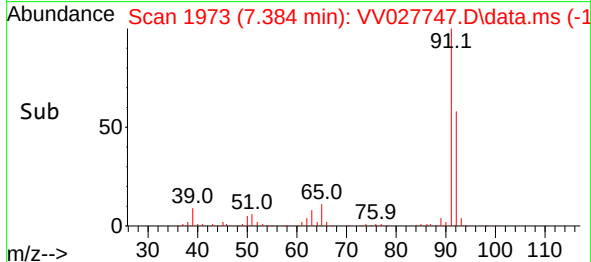
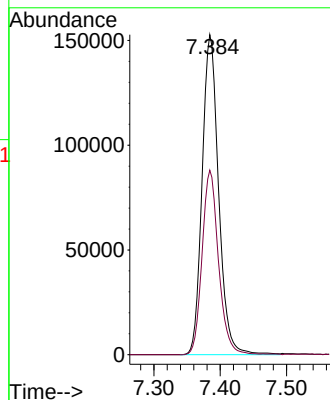
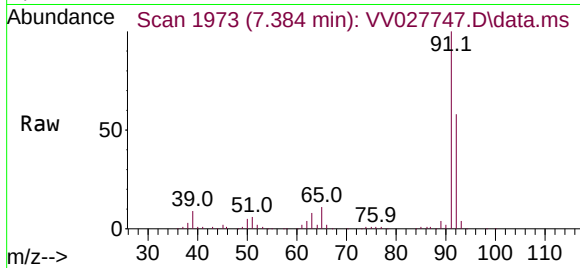
VICV233

Tgt Ion: 91 Resp: 263930

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.365 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027747.D

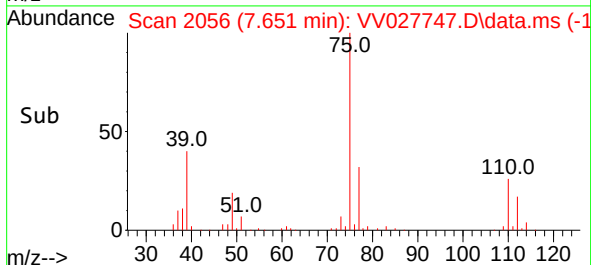
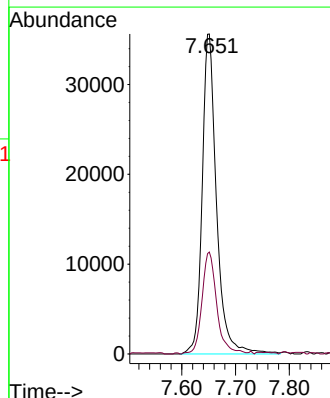
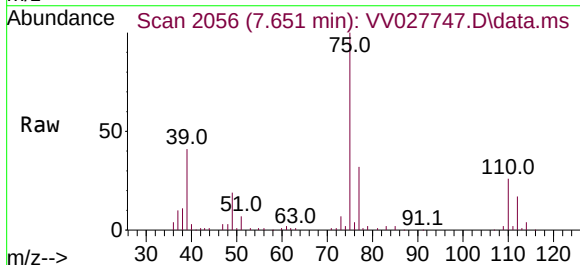
Acq: 06 Sep 2022 17:13

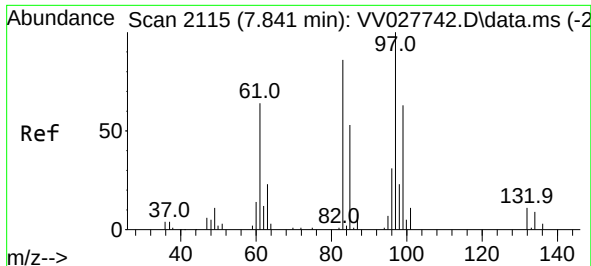
Tgt Ion: 75 Resp: 65906

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.403 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

VICV233

Tgt Ion: 97 Resp: 40590

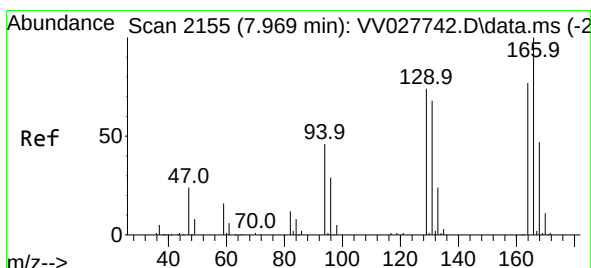
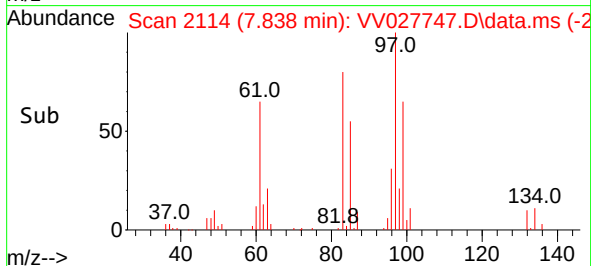
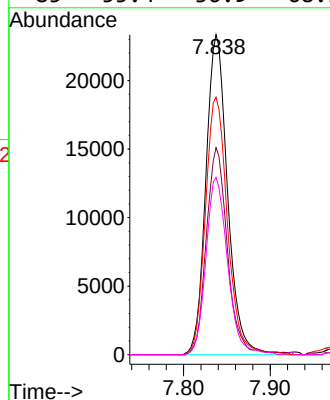
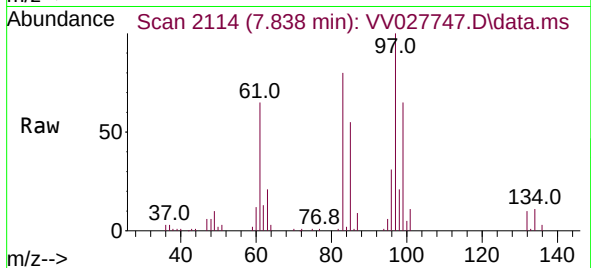
Ion Ratio Lower Upper

97 100

99 64.7 44.2 82.0

83 80.5 60.3 112.1

85 55.4 36.9 68.5



#47

Tetrachloroethene

Concen: 5.303 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Tgt Ion:164 Resp: 52039

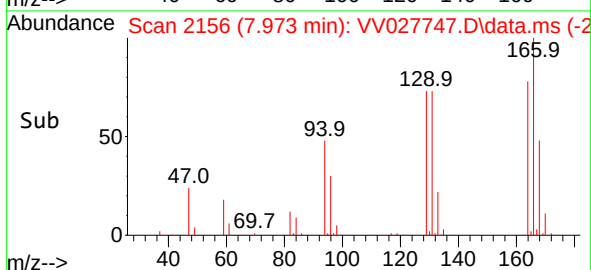
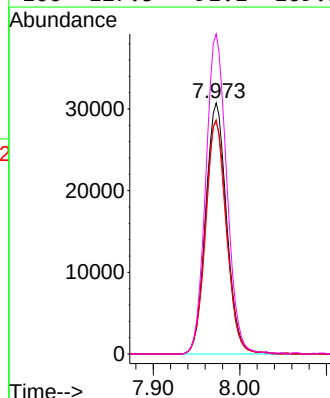
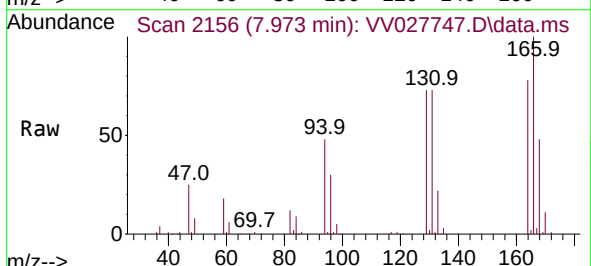
Ion Ratio Lower Upper

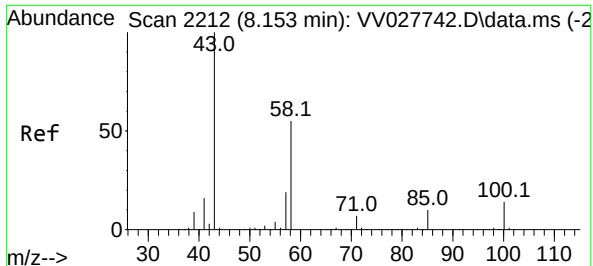
164 100

129 92.5 67.2 124.8

131 93.3 61.5 114.3

166 127.5 91.1 169.3



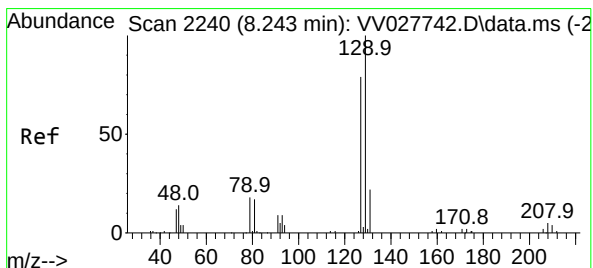
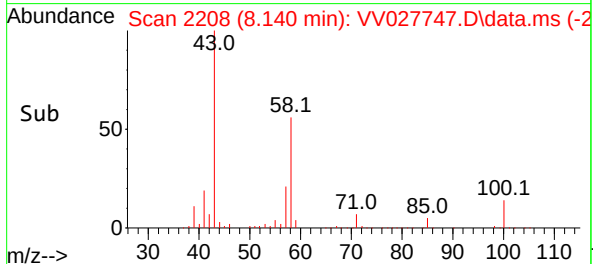
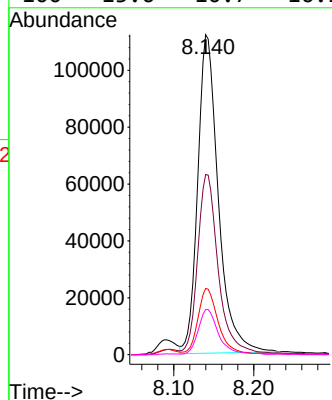
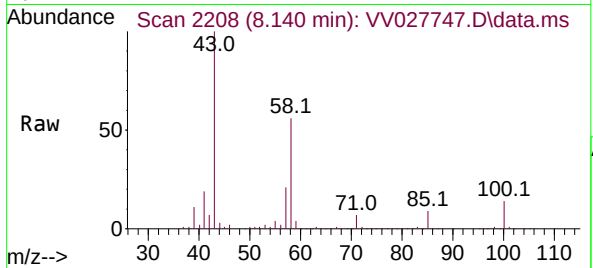


#48
2-Hexanone
Concen: 52.768 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.013 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Instrument :
MSVOA_V
ClientSampleId :
VICV233

Tgt Ion: 43 Resp: 201594

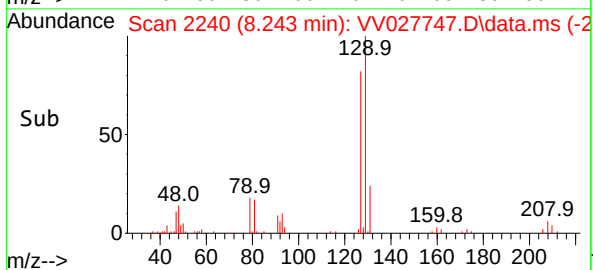
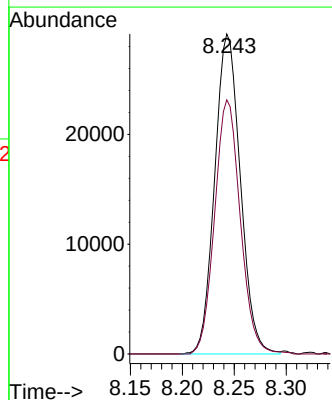
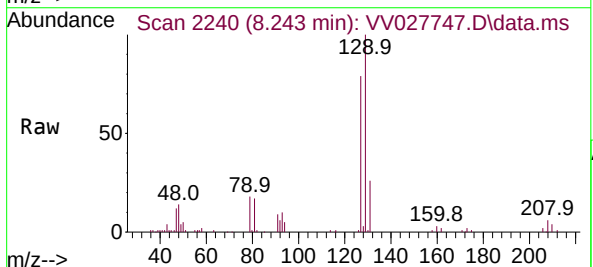
Ion	Ratio	Lower	Upper
43	100		
58	56.3	43.2	64.8
57	19.7	15.6	23.4
100	13.6	10.7	16.1

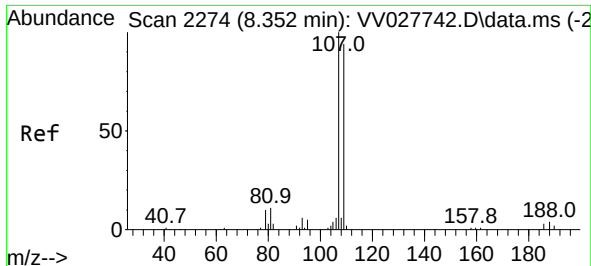


#49
Dibromochloromethane
Concen: 5.255 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Tgt Ion: 129 Resp: 50119

Ion	Ratio	Lower	Upper
129	100		
127	79.4	55.2	102.6





#50

1,2-Dibromoethane

Concen: 5.293 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

VICV233

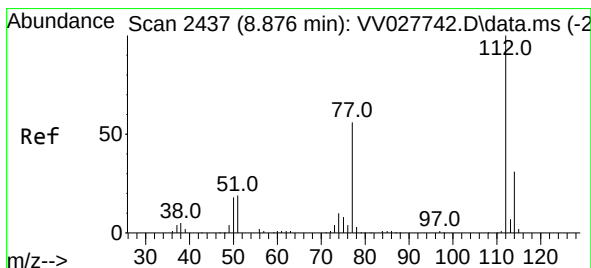
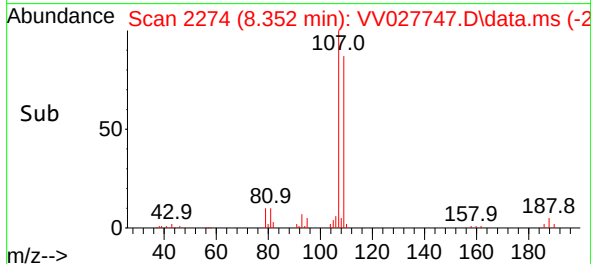
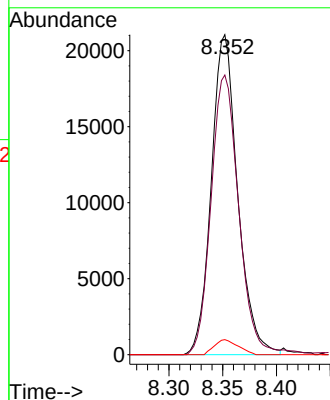
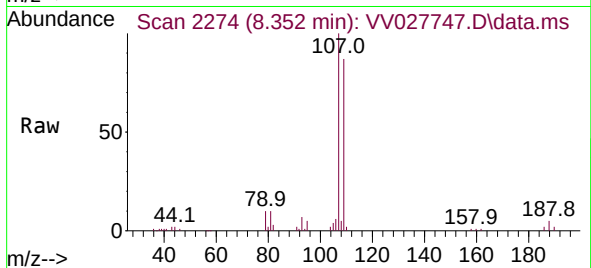
Tgt Ion:107 Resp: 35959

Ion Ratio Lower Upper

107 100

109 87.4 65.9 122.5

188 4.7 3.1 4.7#



#51

Chlorobenzene

Concen: 5.277 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

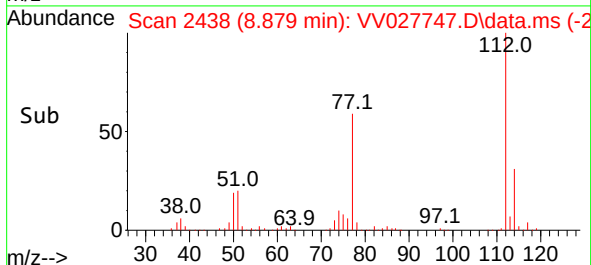
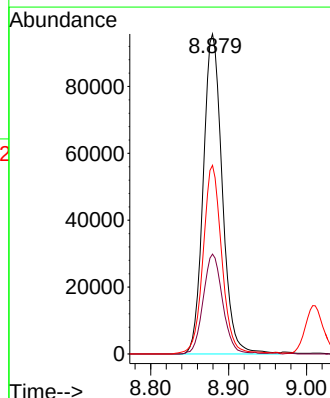
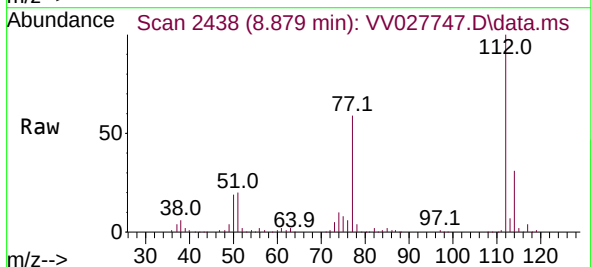
Tgt Ion:112 Resp: 162065

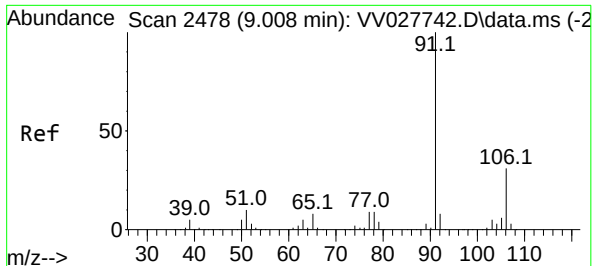
Ion Ratio Lower Upper

112 100

114 31.2 21.7 40.3

77 58.9 45.3 67.9





#52

Ethylbenzene

Concen: 5.237 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

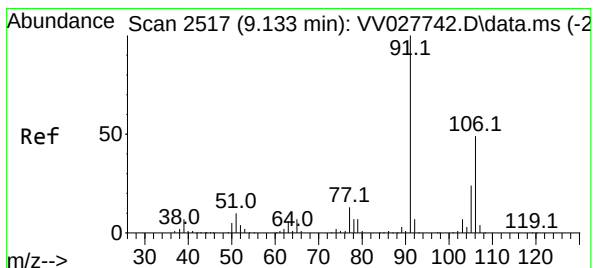
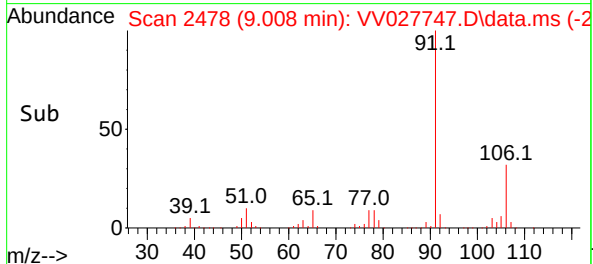
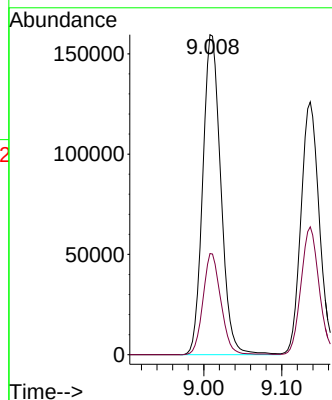
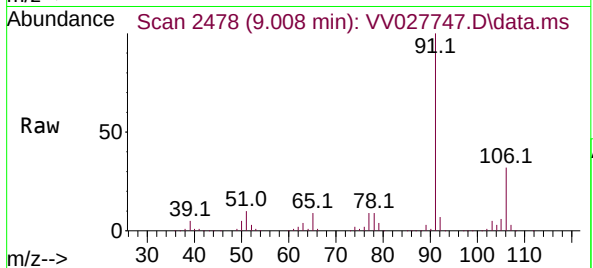
VICV233

Tgt Ion: 91 Resp: 257031

Ion Ratio Lower Upper

91 100

106 31.6 22.0 40.8



#53

m,p-Xylene

Concen: 5.332 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV027747.D

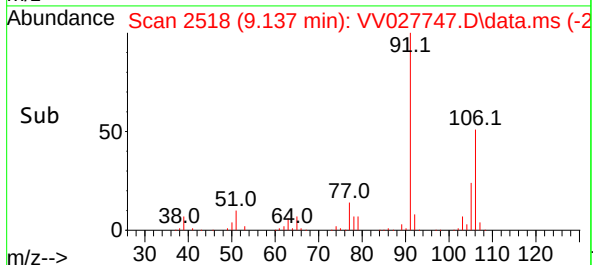
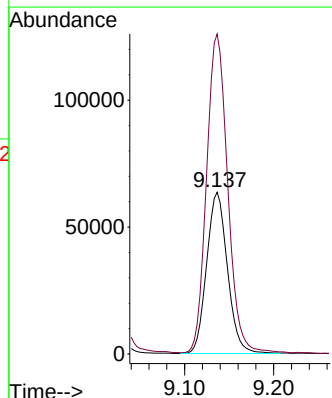
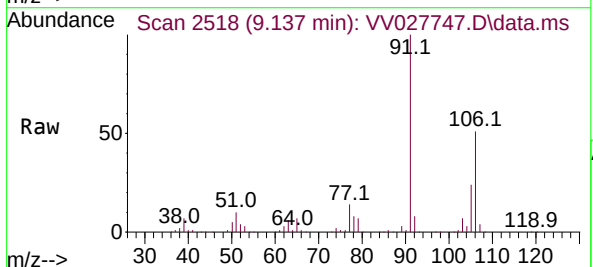
Acq: 06 Sep 2022 17:13

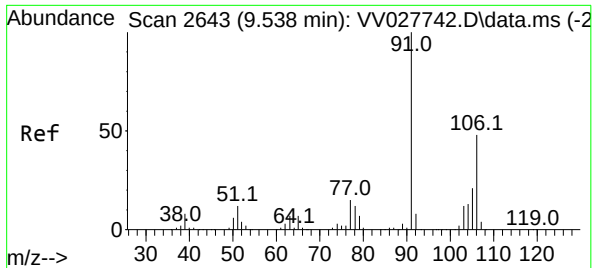
Tgt Ion: 106 Resp: 102944

Ion Ratio Lower Upper

106 100

91 197.7 142.4 264.4

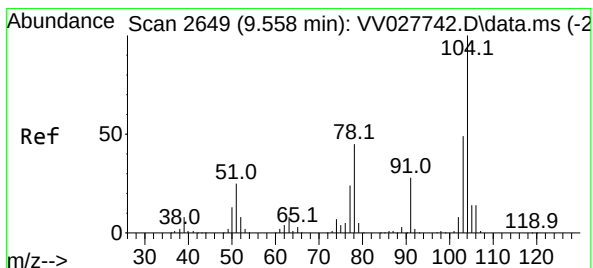
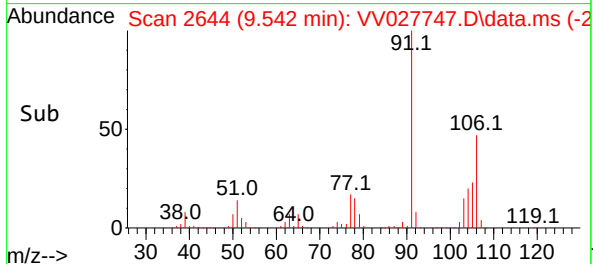
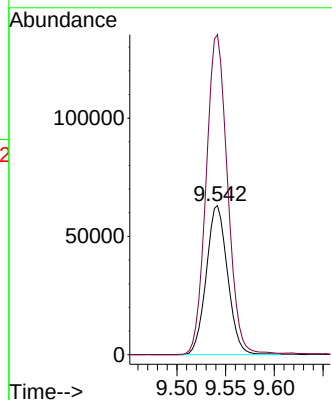
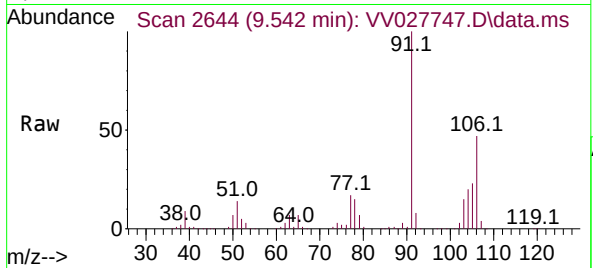




#54
o-Xylene
Concen: 5.212 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

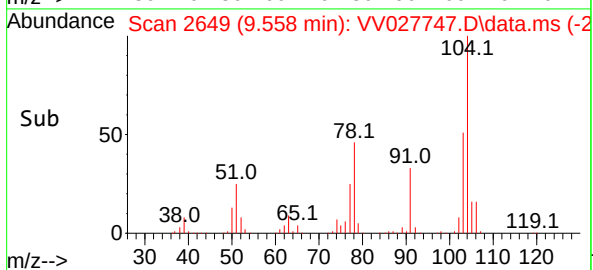
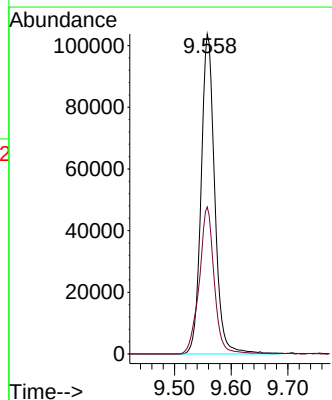
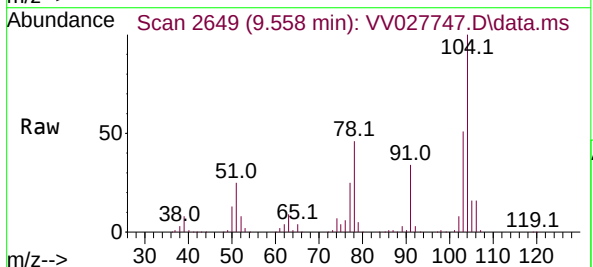
Instrument :
MSVOA_V
ClientSampleId :
VICV233

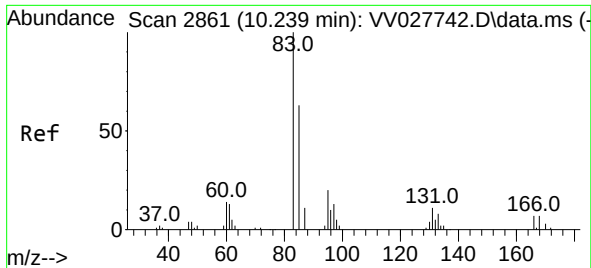
Tgt Ion:106 Resp: 95913
Ion Ratio Lower Upper
106 100
91 214.6 147.5 273.9



#55
Styrene
Concen: 5.453 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Tgt Ion:104 Resp: 173519
Ion Ratio Lower Upper
104 100
78 46.0 31.7 58.9

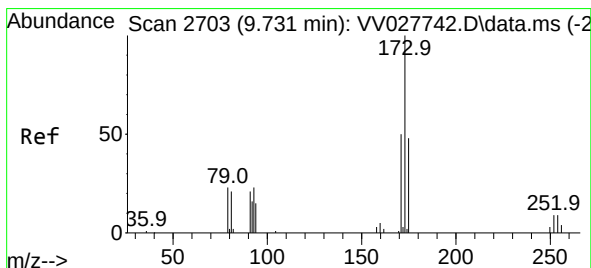
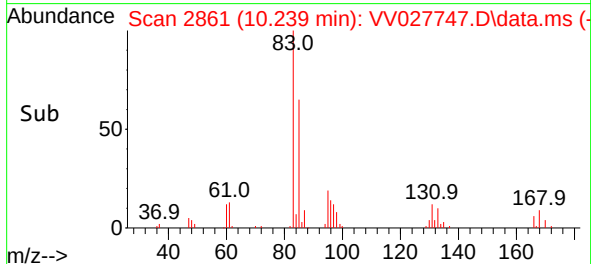
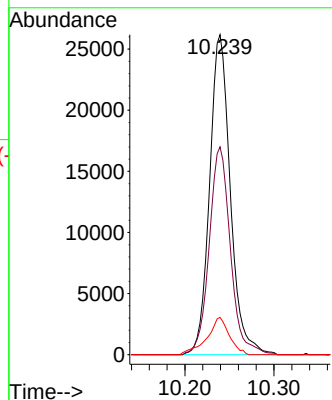
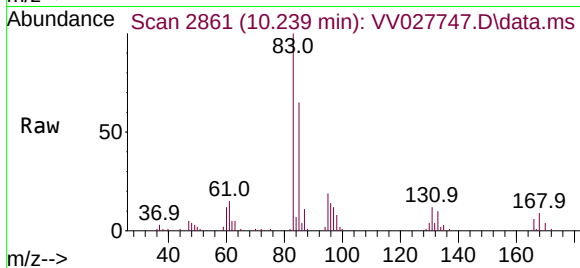




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.029 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

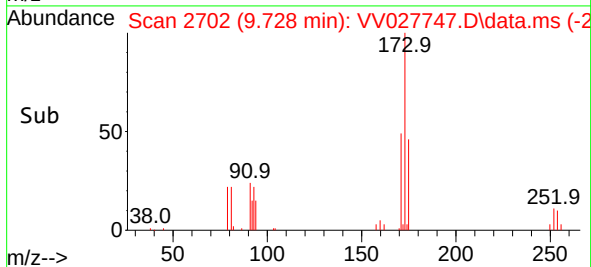
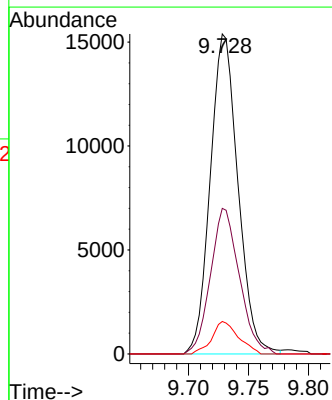
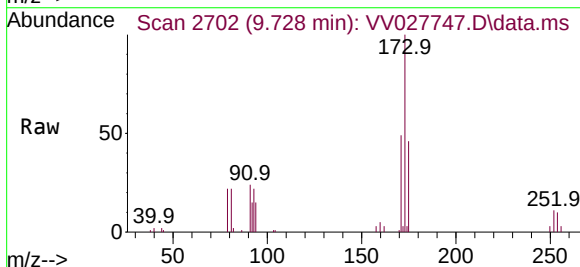
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

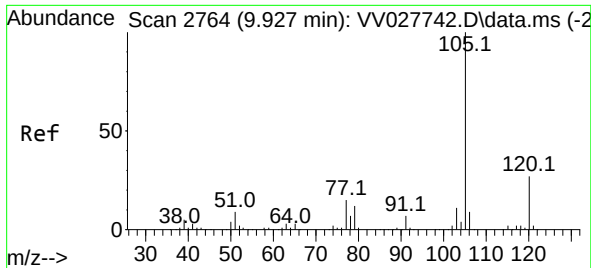
Tgt Ion: 83 Resp: 42340
 Ion Ratio Lower Upper
 83 100
 85 65.0 44.7 83.1
 131 11.7 8.5 12.7



#59
 Bromoform
 Concen: 5.347 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

Tgt Ion: 173 Resp: 24701
 Ion Ratio Lower Upper
 173 100
 175 47.3 38.4 57.6
 254 9.7 6.8 10.2

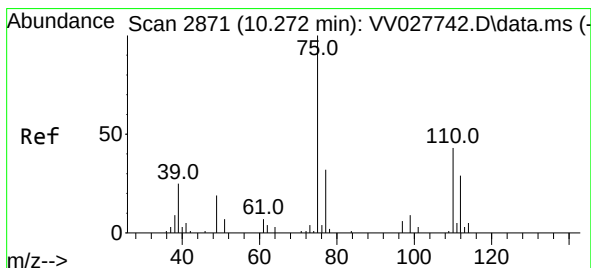
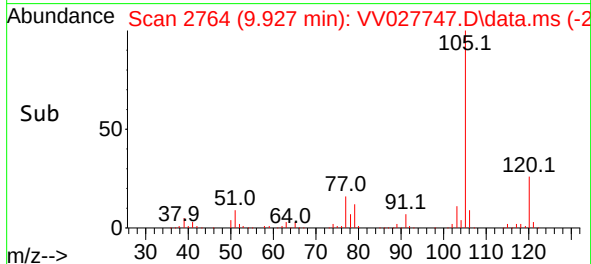
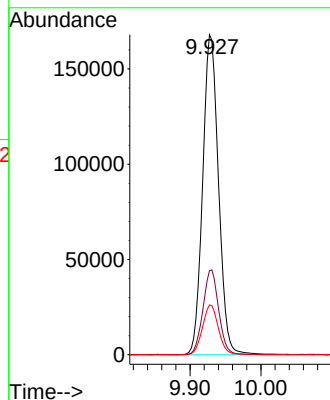
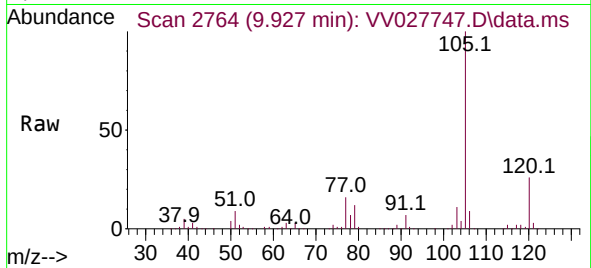




#60
Isopropylbenzene
Concen: 5.467 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

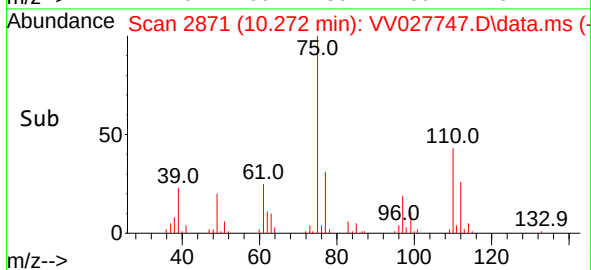
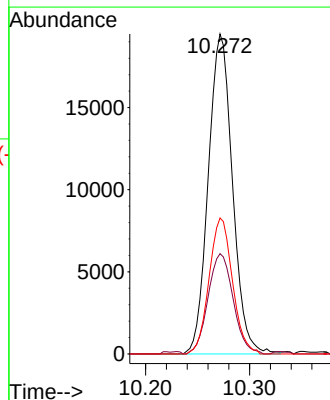
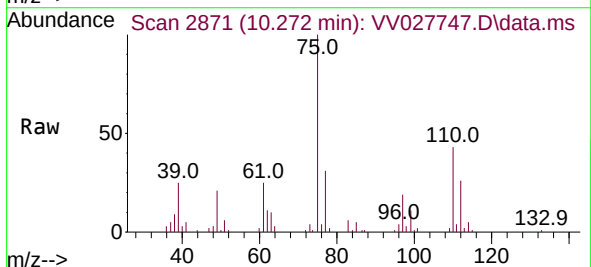
Instrument :
MSVOA_V
ClientSampleId :
VICV233

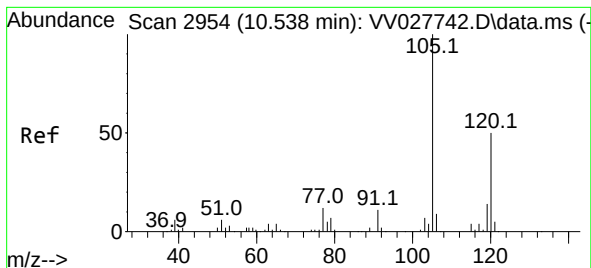
Tgt Ion:105 Resp: 261036
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.219 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Tgt Ion: 75 Resp: 31541
Ion Ratio Lower Upper
75 100
77 32.5 27.6 41.4
110 41.1 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 5.108 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027747.D

Acq: 06 Sep 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

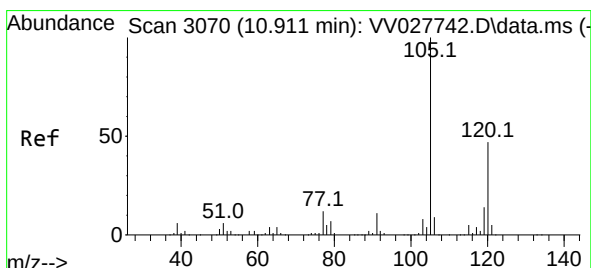
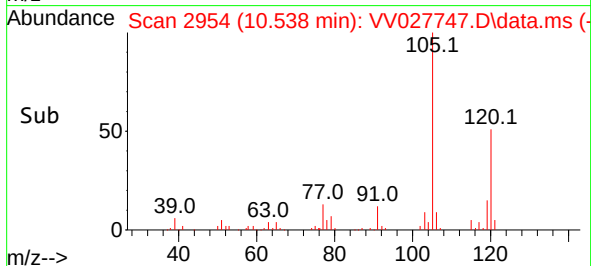
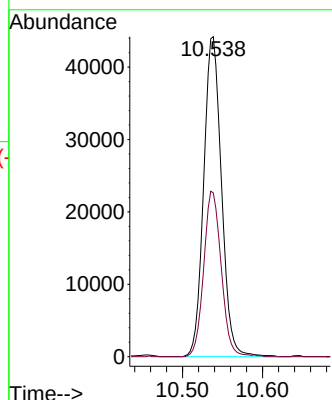
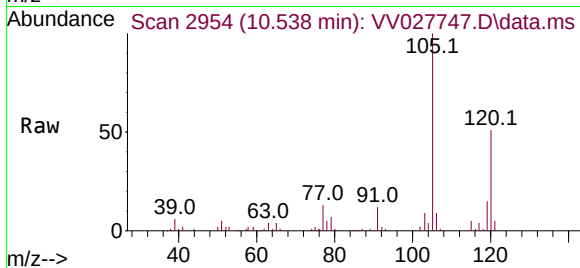
VICV233

Tgt Ion:105 Resp: 68675

Ion Ratio Lower Upper

105 100

120 50.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.995 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027747.D

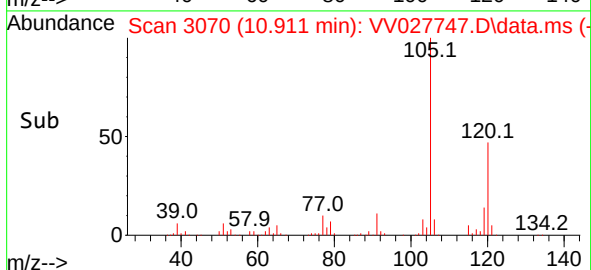
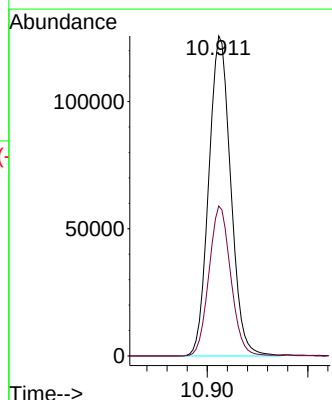
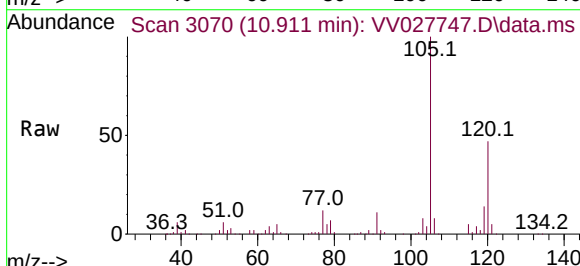
Acq: 06 Sep 2022 17:13

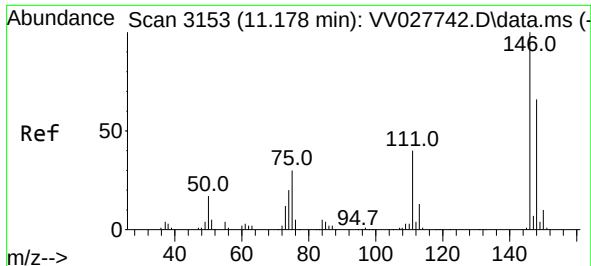
Tgt Ion:105 Resp: 190903

Ion Ratio Lower Upper

105 100

120 46.6 37.4 56.0

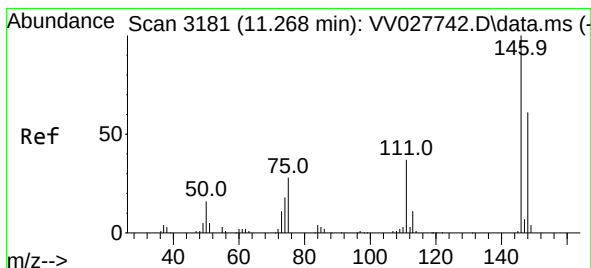
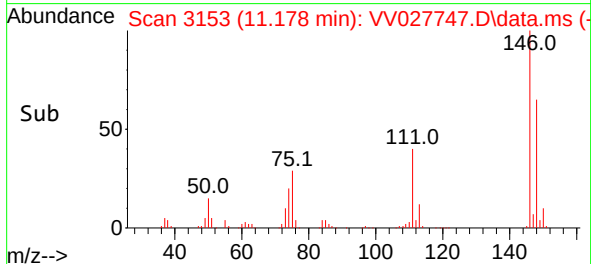
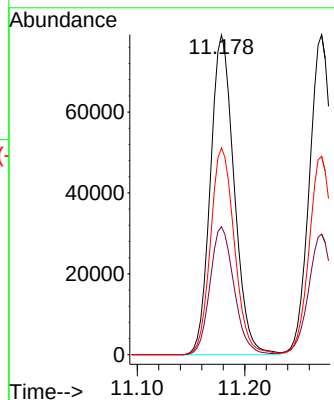
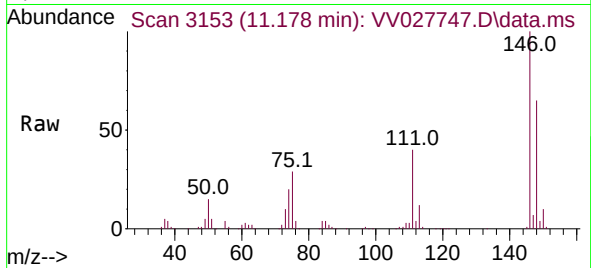




#64
1,3-Dichlorobenzene
Concen: 5.018 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

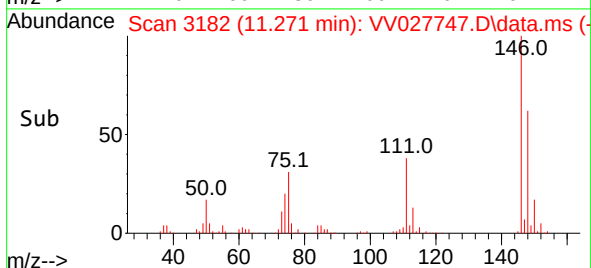
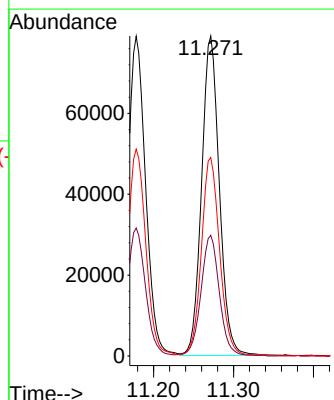
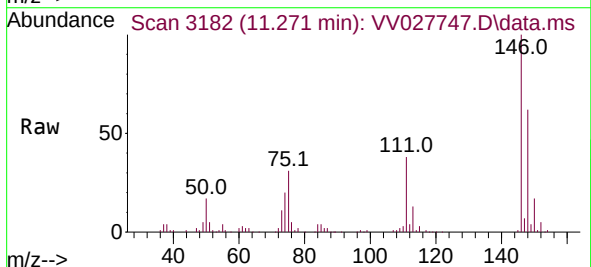
Instrument :
MSVOA_V
ClientSampleId :
VICV233

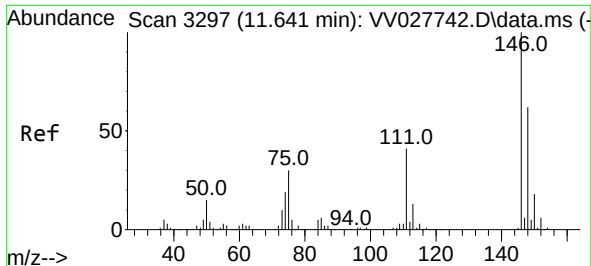
Tgt Ion:146 Resp: 121317
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.9
148 64.7 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 5.014 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Tgt Ion:146 Resp: 122157
Ion Ratio Lower Upper
146 100
111 37.7 26.5 49.3
148 62.0 42.8 79.4

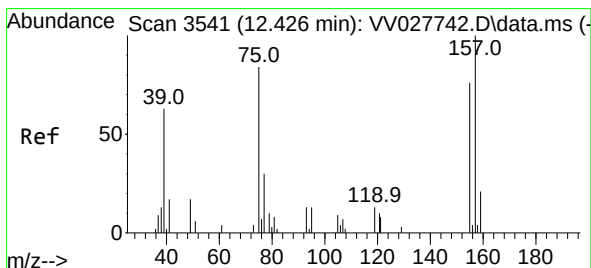
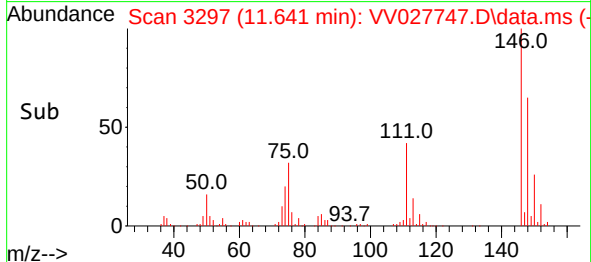
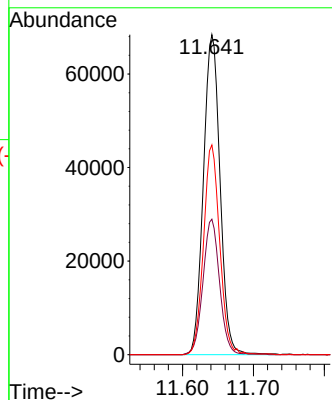
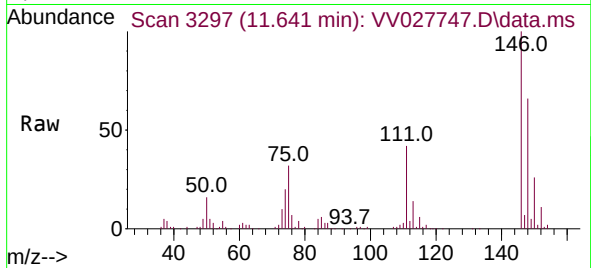




#67
 1,2-Dichlorobenzene
 Concen: 5.085 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

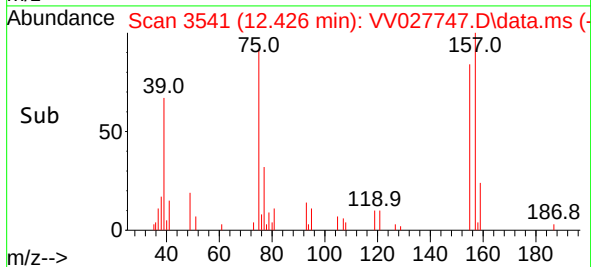
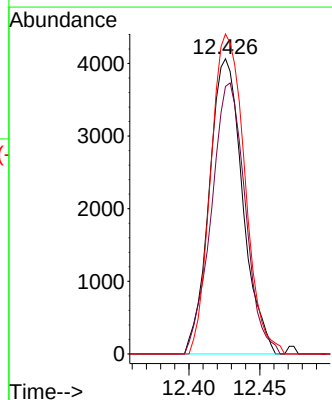
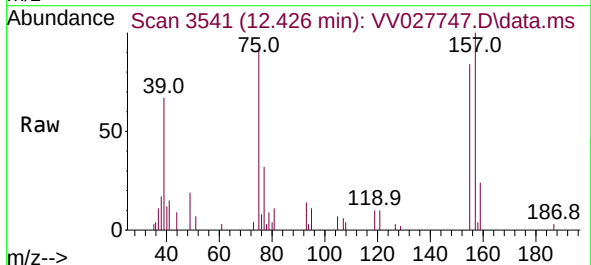
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

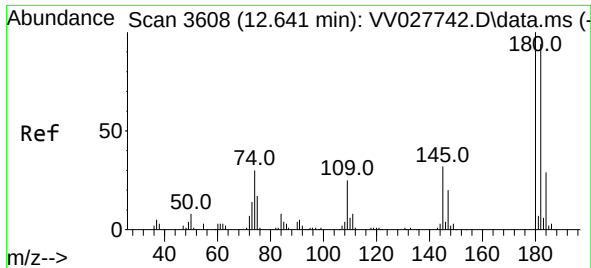
Tgt Ion:146 Resp: 111639
 Ion Ratio Lower Upper
 146 100
 111 42.3 33.1 49.7
 148 65.6 49.8 74.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.129 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

Tgt Ion: 75 Resp: 6653
 Ion Ratio Lower Upper
 75 100
 155 90.6 71.9 107.9
 157 108.4 95.1 142.7

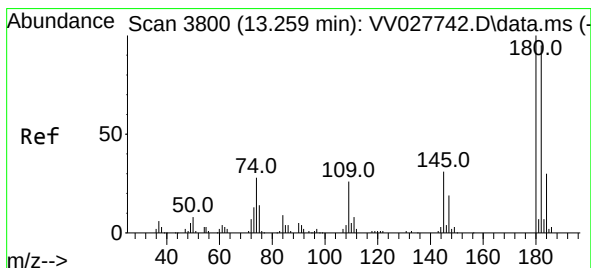
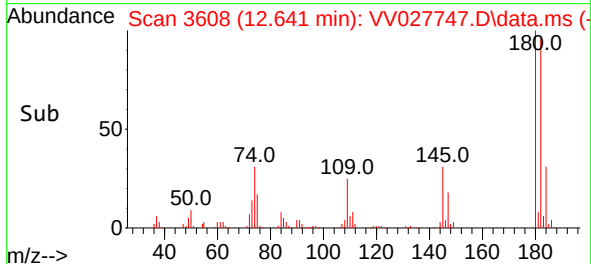
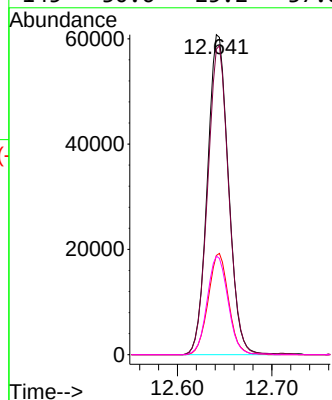
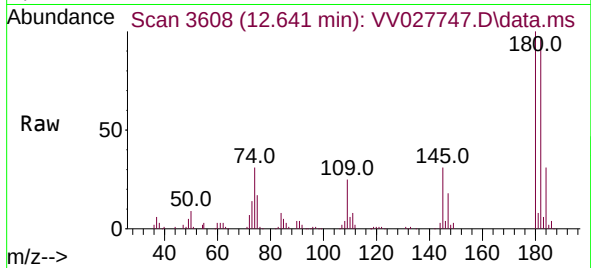




#69
 1,3,5-Trichlorobenzene
 Concen: 5.128 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

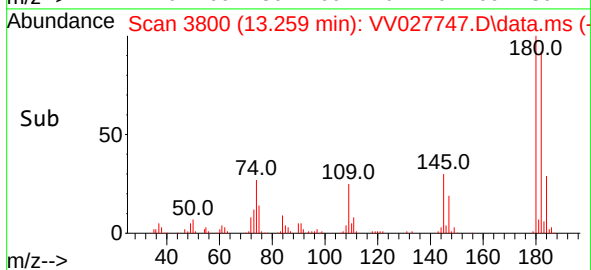
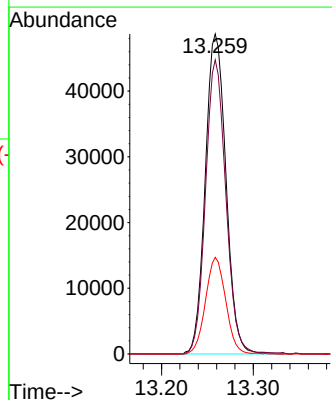
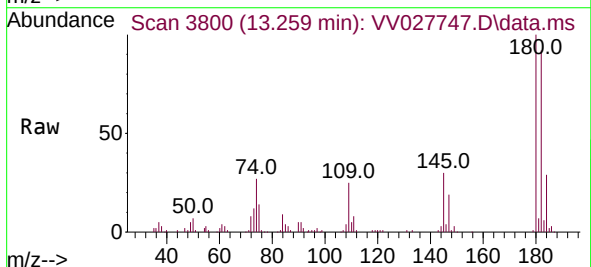
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

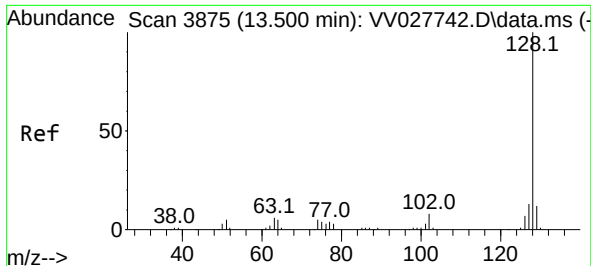
Tgt Ion:180	Resp:	93925
Ion Ratio	Lower	Upper
180	100	
182	96.4	75.8 113.8
184	30.7	23.8 35.6
145	30.6	25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.272 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027747.D
 Acq: 06 Sep 2022 17:13

Tgt Ion:180	Resp:	76338
Ion Ratio	Lower	Upper
180	100	
182	90.2	76.6 114.8
145	29.5	24.6 37.0

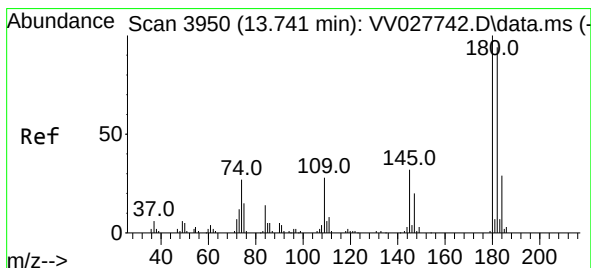
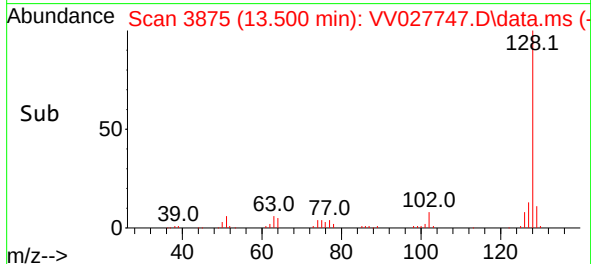
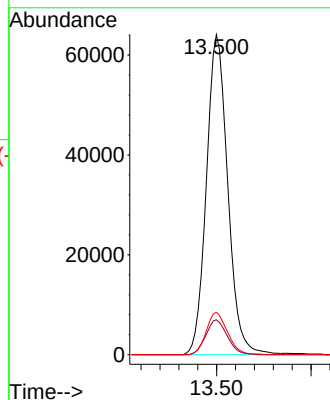
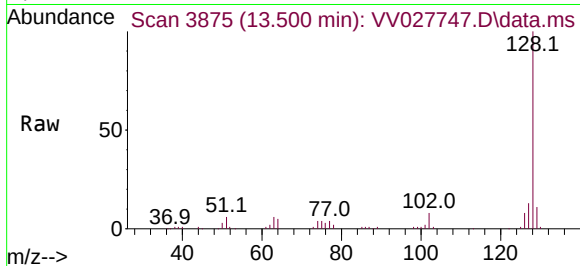




#71
Naphthalene
Concen: 4.421 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Instrument :
MSVOA_V
ClientSampleId :
VICV233

Tgt Ion:	128	Resp:	100573
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	13.2	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.073 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027747.D
Acq: 06 Sep 2022 17:13

Tgt Ion:	180	Resp:	65447
Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.5	114.7
145	32.8	26.5	39.7

