

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
 Data File : VV027927.D
 Acq On : 18 Sep 2022 02:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:39:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:25:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124129	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	124114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32211	3.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.568	69	28041	4.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.108	63	64768	4.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.896	46	81893	53.511	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.020%
24) Chloroform-d	4.346	84	76754	4.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.031	65	46866	5.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.050	84	152601	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.066	67	40224	4.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.314	98	126165	3.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.622	79	18110	4.731	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.088	63	67805	53.409	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	26992	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51330	4.738	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	43315	4.348	ug/L	99
3) Chloromethane	1.240	50	24284	3.120	ug/L	89
5) Vinyl chloride	1.311	62	29668	3.330	ug/L	98
6) Bromomethane	1.523	94	19780	4.120	ug/L	98
8) Chloroethane	1.584	64	20660	4.066	ug/L	94
9) Trichlorofluoromethane	1.754	101	71197	4.801	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	32055	4.498	ug/L	93
12) 1,1-Dichloroethene	2.118	96	30595	4.498	ug/L	89
13) Acetone	2.188	43	50564	50.798	ug/L	96
14) Carbon disulfide	2.294	76	64005	3.898	ug/L	98
15) Methyl Acetate	2.439	43	9721	4.448	ug/L	# 81
16) Methylene chloride	2.507	84	39240	4.460	ug/L	82
17) Methyl tert-butyl Ether	2.767	73	92068	5.257	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	35209	4.593	ug/L	87
19) 1,1-Dichloroethane	3.188	63	68361	4.764	ug/L	98
21) 2-Butanone	3.986	43	69909	52.100	ug/L	95
22) cis-1,2-Dichloroethene	3.909	96	43113	4.999	ug/L	# 85
23) Bromochloromethane	4.249	128	19102	4.847	ug/L	# 78
25) Chloroform	4.372	83	76341	4.435	ug/L	97

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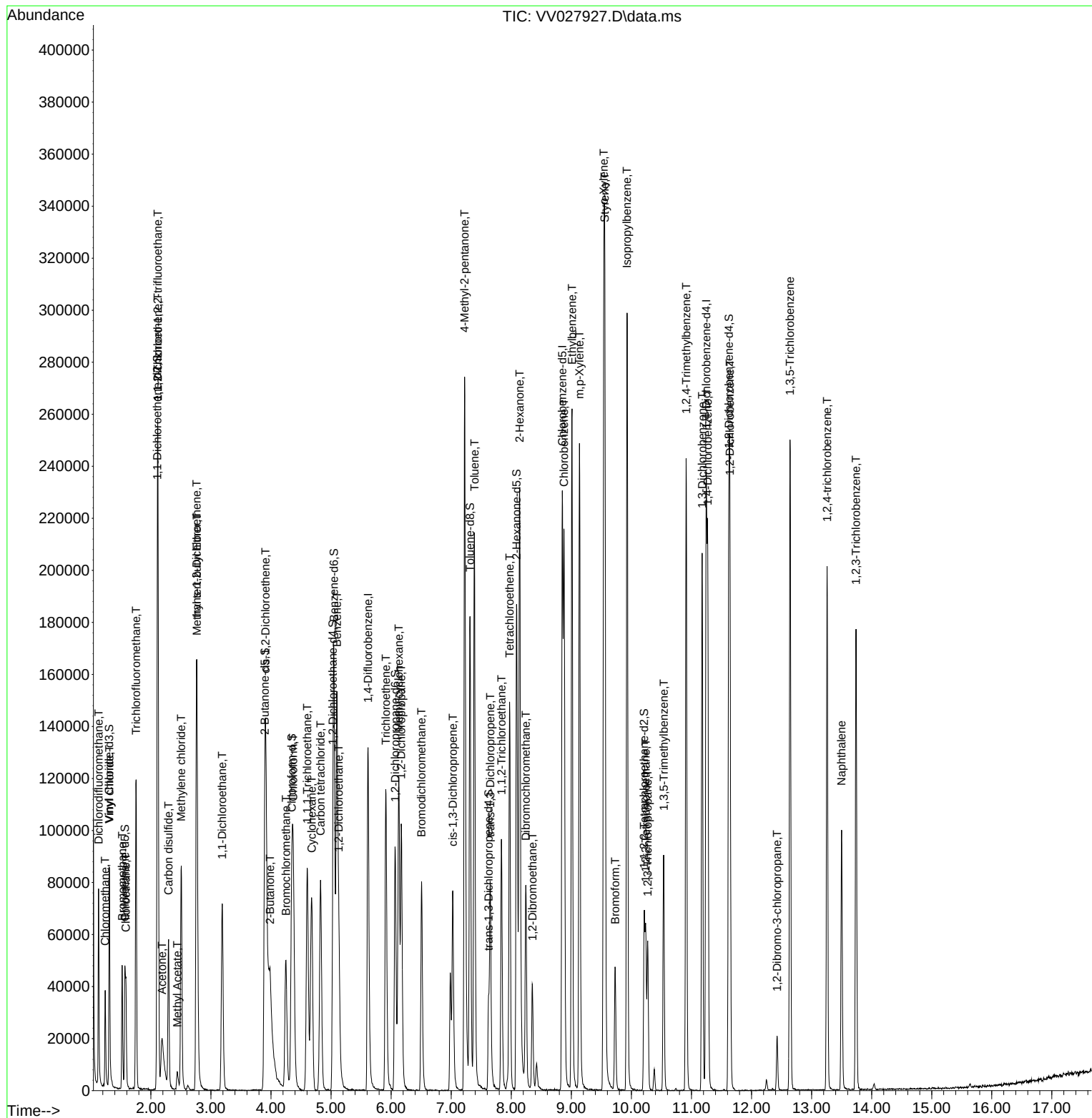
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	50784	5.216	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	71049	4.380	ug/L	97
30) Cyclohexane	4.677	56	36779	3.696	ug/L #	82
31) Carbon tetrachloride	4.825	117	63458	4.414	ug/L	99
33) Benzene	5.098	78	155669	4.811	ug/L	100
34) Trichloroethene	5.912	95	39840	4.558	ug/L	92
35) Methylcyclohexane	6.127	83	49797	4.114	ug/L	90
37) 1,2-Dichloropropane	6.169	63	34182	4.691	ug/L #	97
38) Bromodichloromethane	6.506	83	53768	4.729	ug/L	93
39) cis-1,3-Dichloropropene	7.027	75	45863	4.183	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	156575	44.229	ug/L #	88
42) Toluene	7.387	91	162355	4.570	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	47134	4.866	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	29851	5.275	ug/L	94
47) Tetrachloroethene	7.973	164	34679	4.749	ug/L	96
48) 2-Hexanone	8.140	43	140055	55.131	ug/L #	93
49) Dibromochloromethane	8.243	129	38984	5.252	ug/L	96
50) 1,2-Dibromoethane	8.352	107	25636	5.053	ug/L #	97
51) Chlorobenzene	8.879	112	116886	4.808	ug/L	97
52) Ethylbenzene	9.011	91	180272	4.662	ug/L	96
53) m,p-Xylene	9.137	106	72203	4.714	ug/L	97
54) o-Xylene	9.542	106	72383	4.864	ug/L	99
55) Styrene	9.558	104	129862	5.050	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.239	83	24973	4.300	ug/L #	96
59) Bromoform	9.731	173	21457	5.853	ug/L	95
60) Isopropylbenzene	9.928	105	193935	5.369	ug/L	97
61) 1,2,3-Trichloropropane	10.272	75	21109	4.968	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	49868	4.714	ug/L	93
63) 1,2,4-Trimethylbenzene	10.911	105	134522	4.524	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	88960	4.851	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	88916	4.784	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	82373	4.878	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5028	5.548	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	79324	5.338	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	63891	5.461	ug/L	99
71) Naphthalene	13.500	128	85060	5.230	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	54957	5.517	ug/L	98

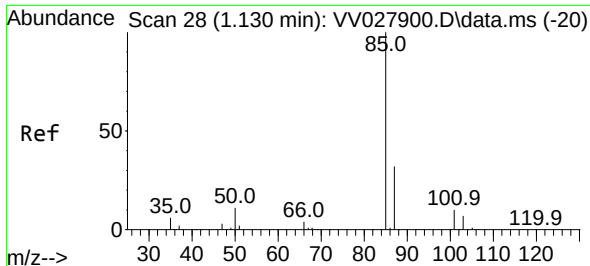
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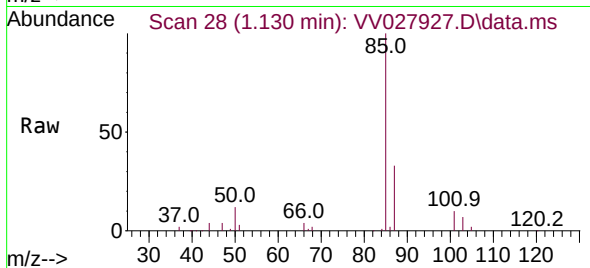
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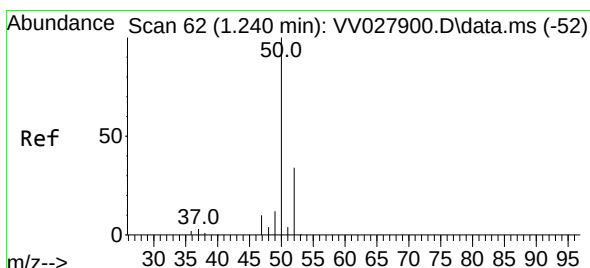
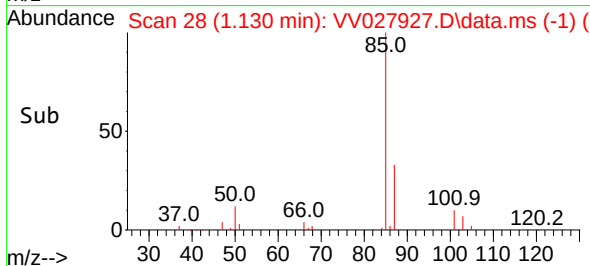
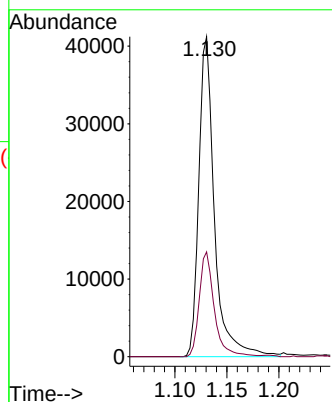


#2
 Dichlorodifluoromethane
 Concen: 4.348 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

Instrument :
 MSVOA_V
 ClientSampleId :

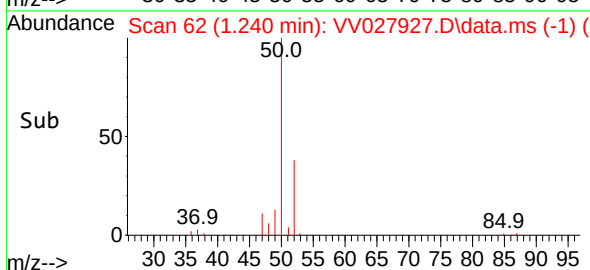
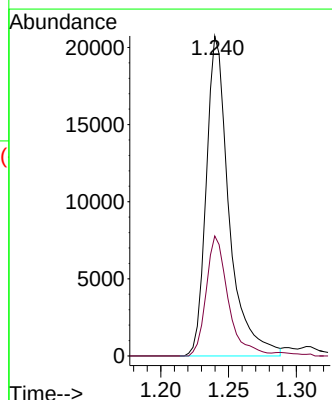
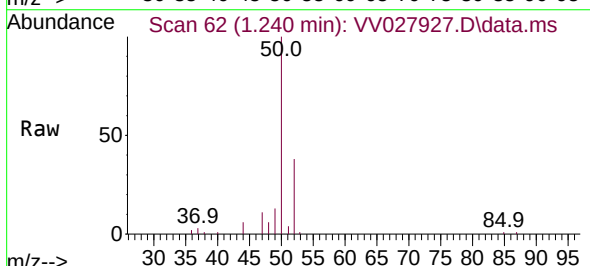


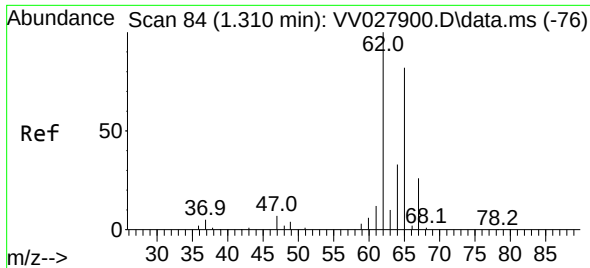
Tgt Ion: 85 Resp: 43315
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.4 38.0



#3
 Chloromethane
 Concen: 3.120 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

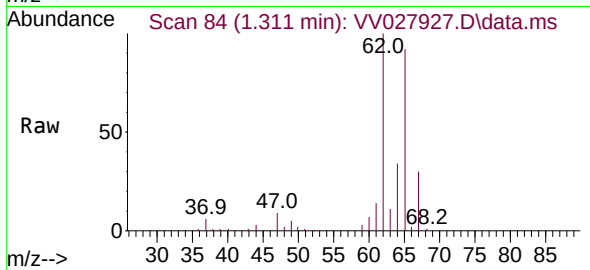
Tgt Ion: 50 Resp: 24284
 Ion Ratio Lower Upper
 50 100
 52 37.5 22.1 41.1



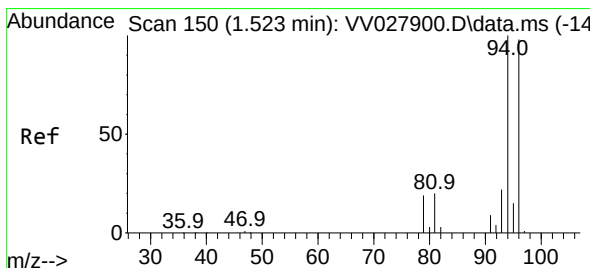
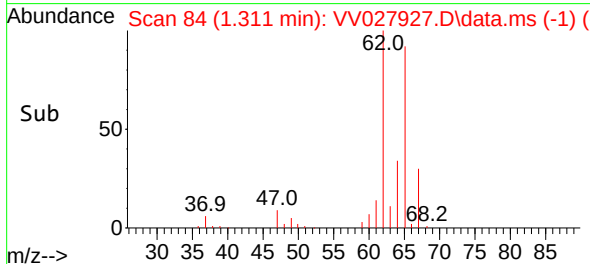
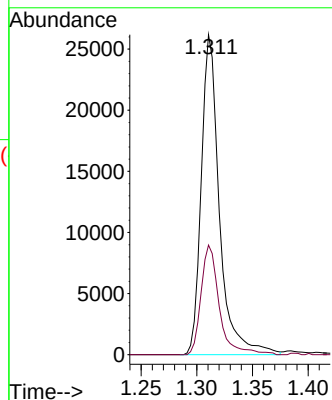


#5
 Vinyl chloride
 Concen: 3.330 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

Instrument :
 MSVOA_V
 ClientSampleId :

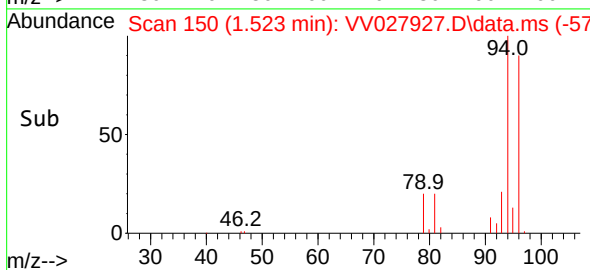
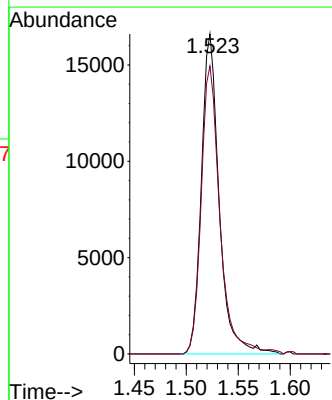
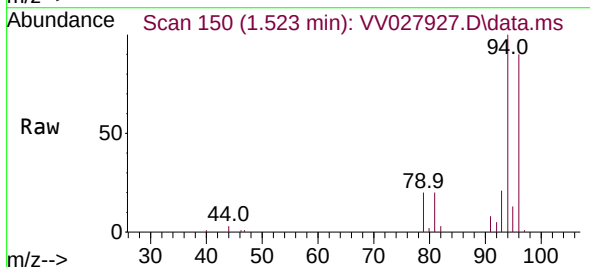


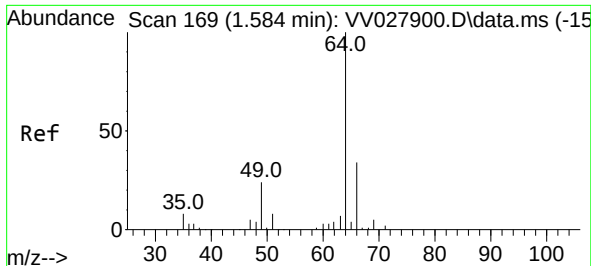
Tgt Ion: 62 Resp: 29668
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.2



#6
 Bromomethane
 Concen: 4.120 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

Tgt Ion: 94 Resp: 19780
 Ion Ratio Lower Upper
 94 100
 96 90.0 64.2 119.2

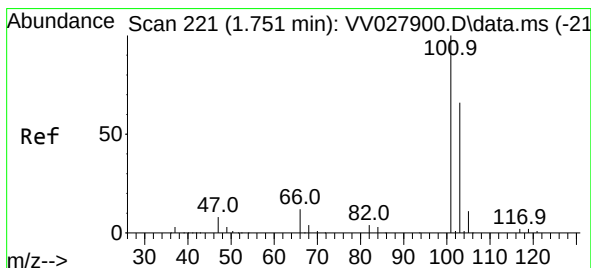
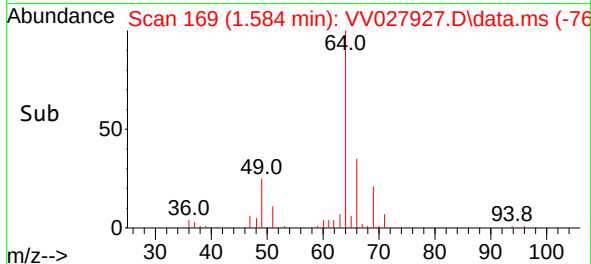
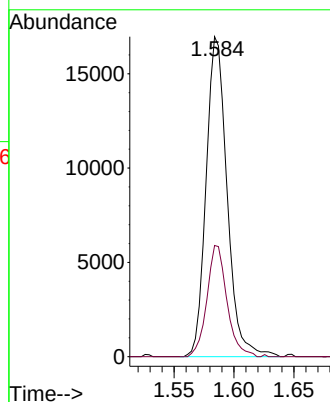
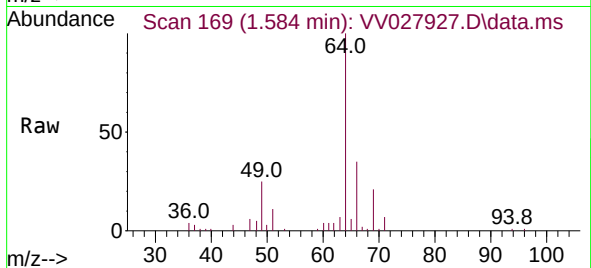




#8
Chloroethane
Concen: 4.066 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

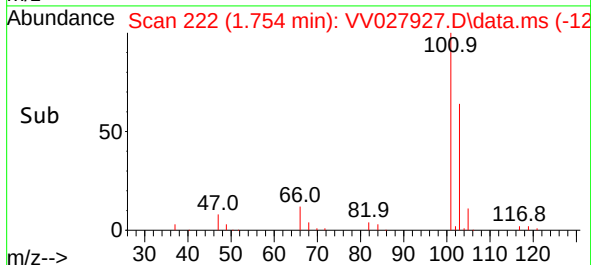
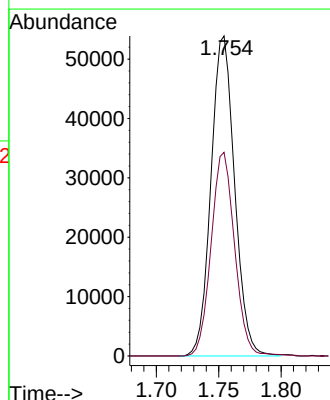
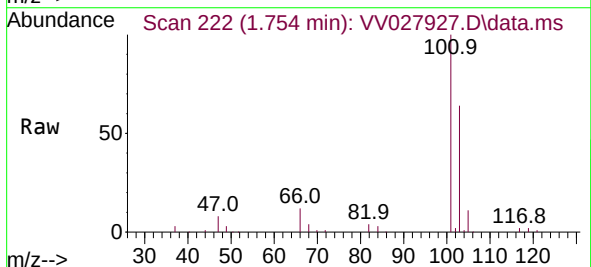
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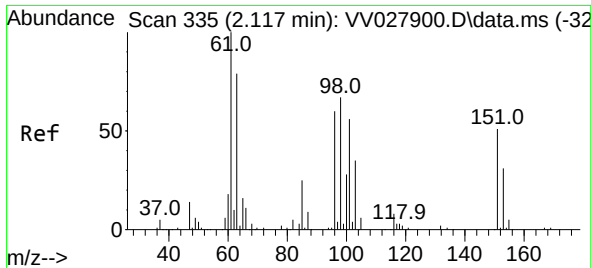
Tgt Ion: 64 Resp: 20660
Ion Ratio Lower Upper
64 100
66 34.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.801 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

Tgt Ion:101 Resp: 71197
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5

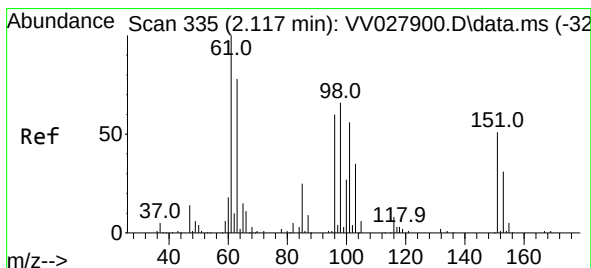
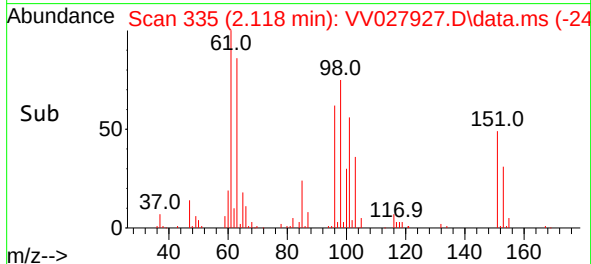
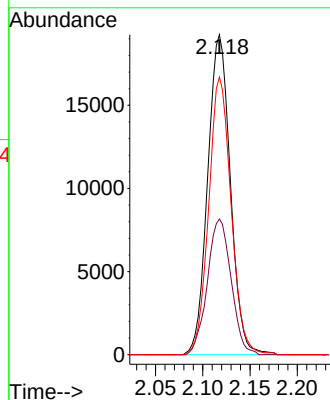
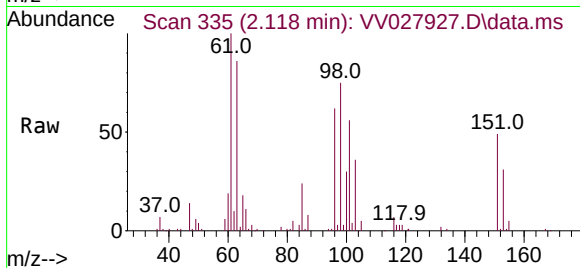




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.498 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

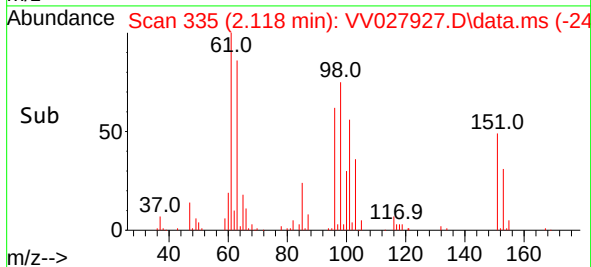
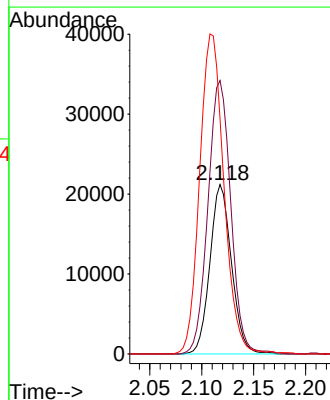
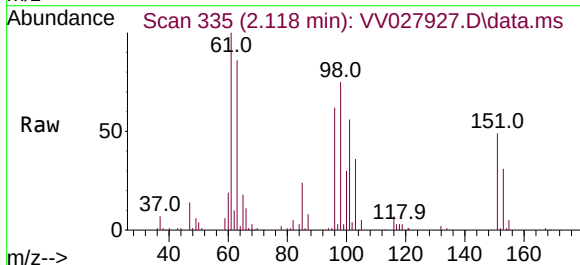
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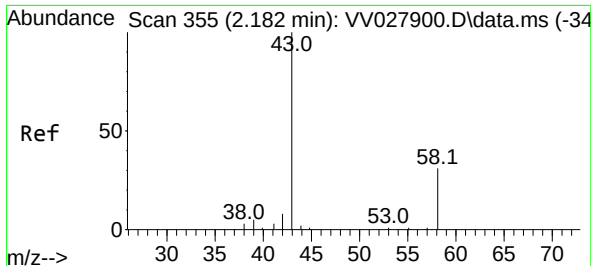
Tgt Ion:101 Resp: 32055
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.8 53.8
 151 85.8 61.2 91.8



#12
 1,1-Dichloroethene
 Concen: 4.498 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

Tgt Ion: 96 Resp: 30595
 Ion Ratio Lower Upper
 96 100
 61 161.4 129.9 241.3
 63 138.8 94.6 175.8





#13

Acetone

Concen: 50.798 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

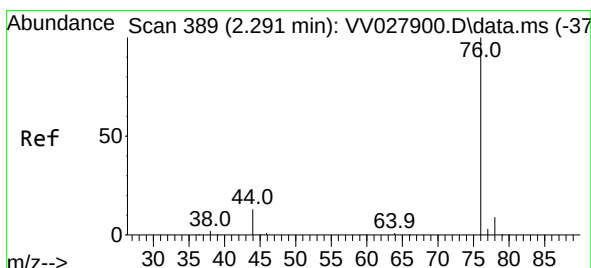
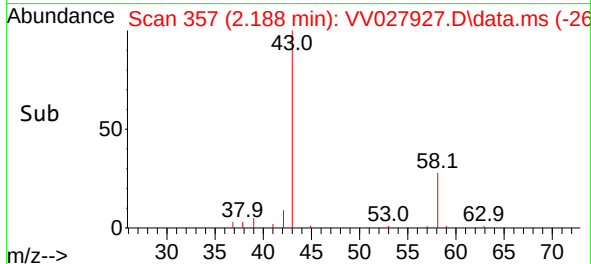
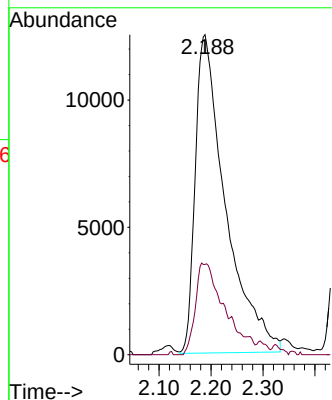
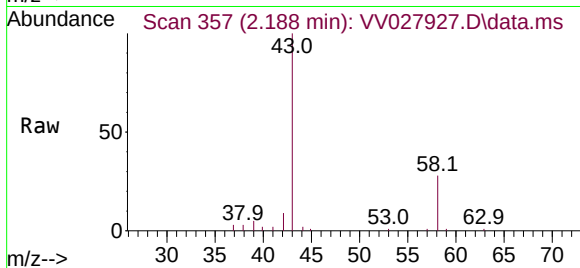
ClientSampleId :

Tgt Ion: 43 Resp: 50564

Ion Ratio Lower Upper

43 100

58 26.6 0.0 49.4



#14

Carbon disulfide

Concen: 3.898 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV027927.D

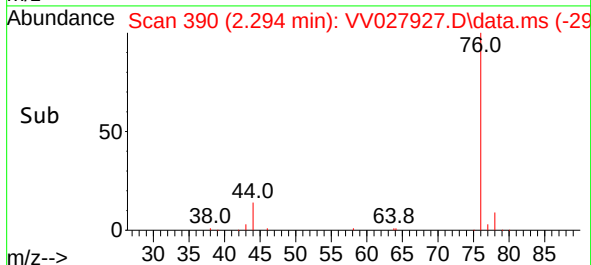
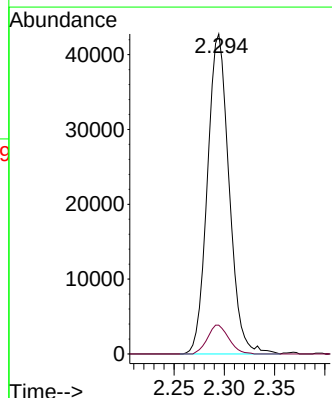
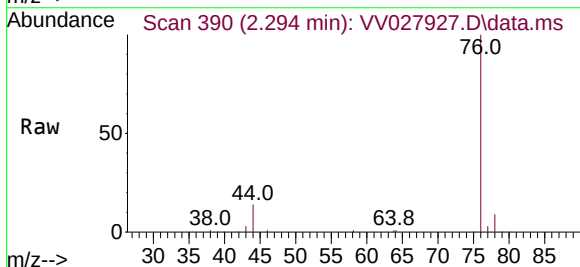
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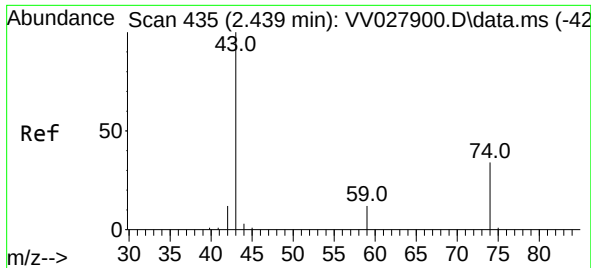
Tgt Ion: 76 Resp: 64005

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

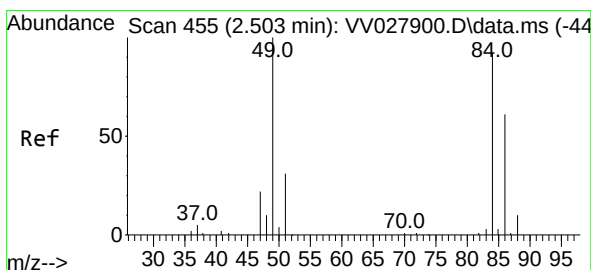
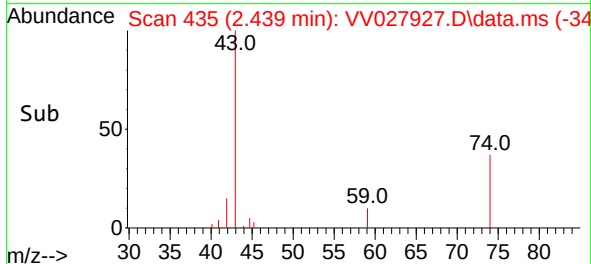
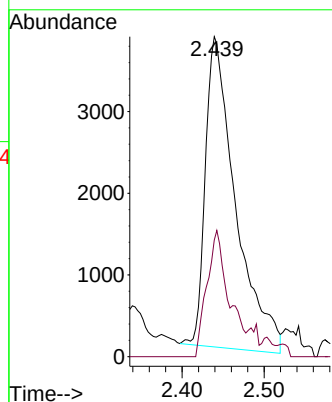
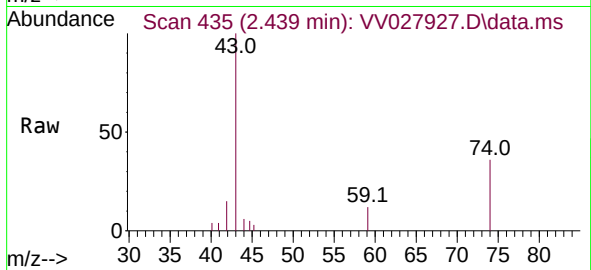




#15
Methyl Acetate
Concen: 4.448 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

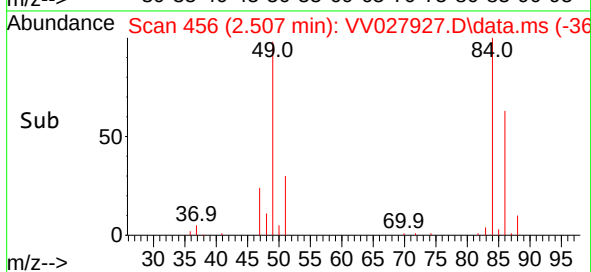
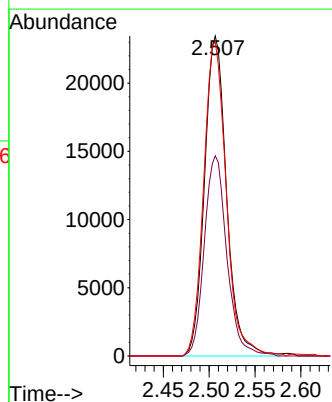
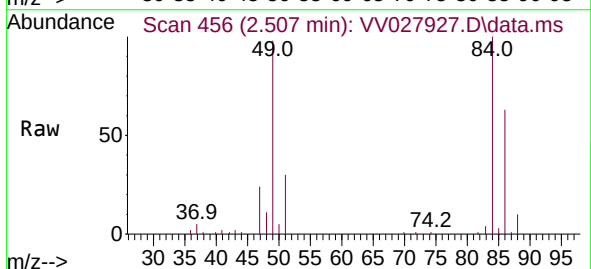
Instrument :
MSVOA_V
ClientSampleId :

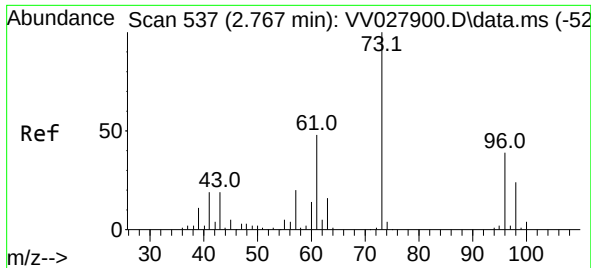
Tgt Ion: 43 Resp: 9721
Ion Ratio Lower Upper
43 100
74 29.7 16.6 25.0#



#16
Methylene chloride
Concen: 4.460 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

Tgt Ion: 84 Resp: 39240
Ion Ratio Lower Upper
84 100
86 62.5 44.9 83.3
49 98.3 90.1 167.3

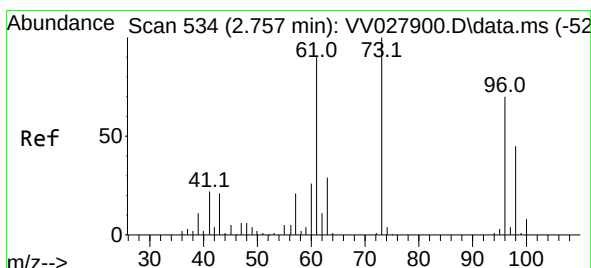
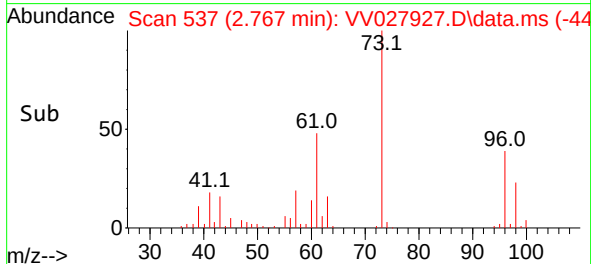
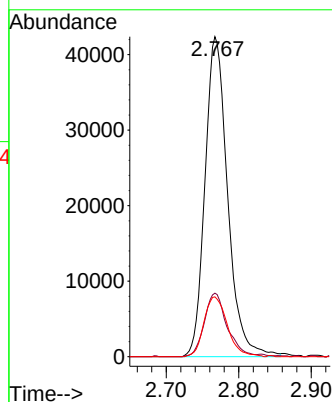
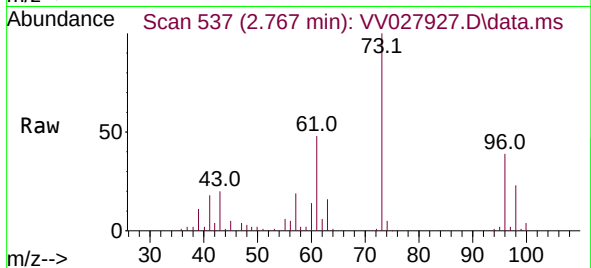




#17
Methyl tert-butyl Ether
Concen: 5.257 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

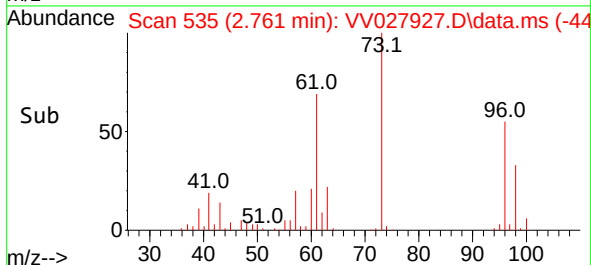
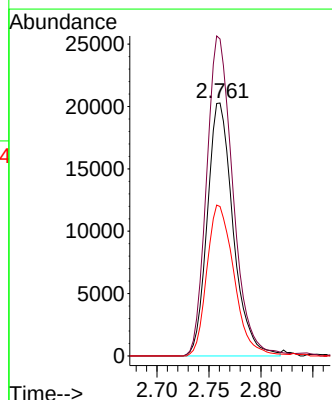
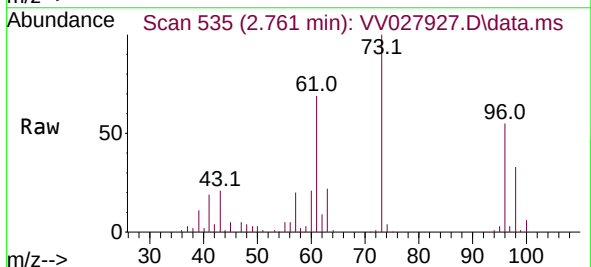
Instrument :
MSVOA_V
ClientSampleId :

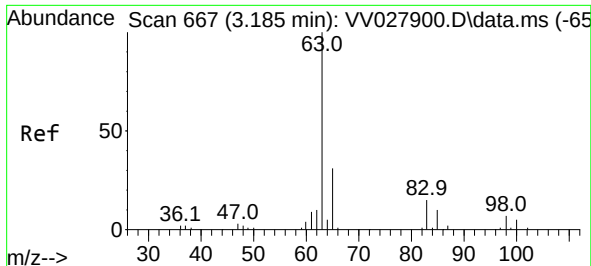
Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.0	17.5	26.3
57	19.3	16.9	25.3



#18
trans-1,2-Dichloroethene
Concen: 4.593 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.3	102.6	190.5
98	59.1	44.0	81.8





#19

1,1-Dichloroethane

Concen: 4.764 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

ClientSampleId :

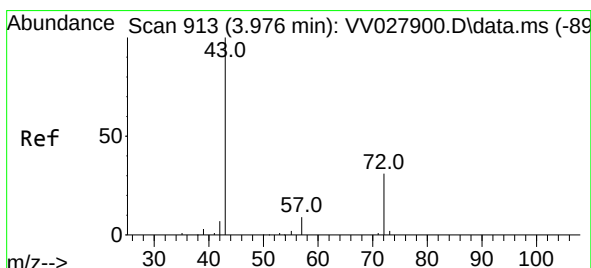
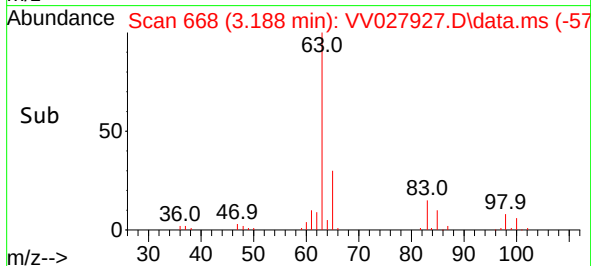
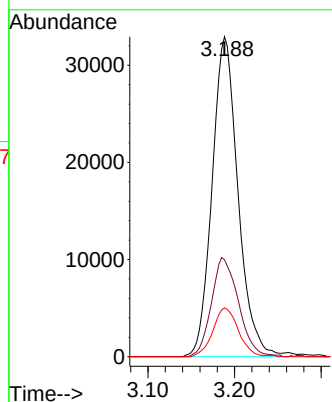
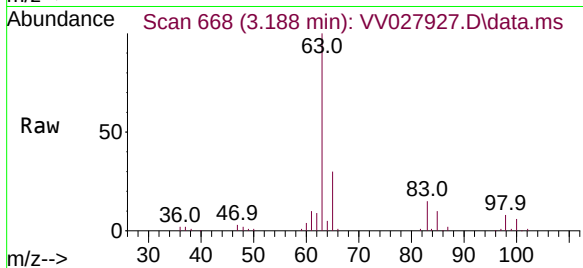
Tgt Ion: 63 Resp: 68361

Ion Ratio Lower Upper

63 100

65 30.3 22.0 41.0

83 15.2 10.1 18.9



#21

2-Butanone

Concen: 52.100 ug/L

RT: 3.986 min Scan# 916

Delta R.T. 0.010 min

Lab File: VV027927.D

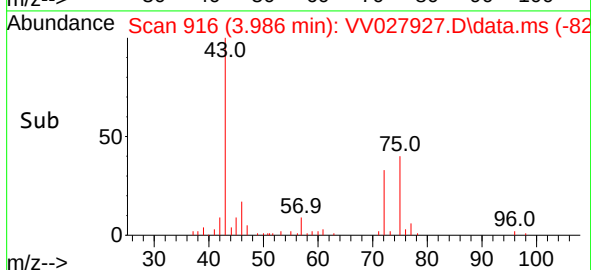
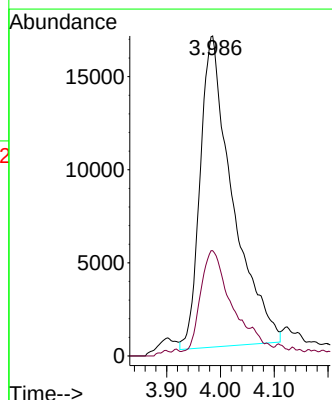
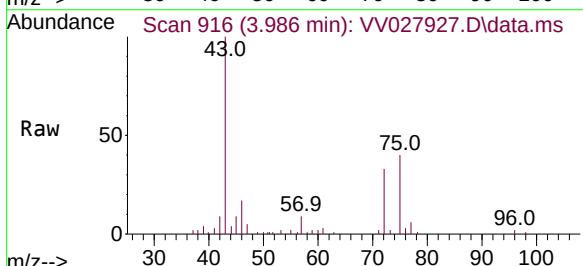
Acq: 18 Sep 2022 02:19

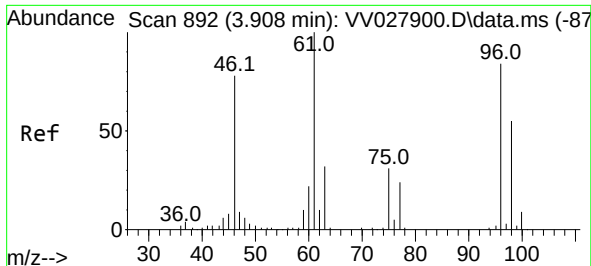
Tgt Ion: 43 Resp: 69909

Ion Ratio Lower Upper

43 100

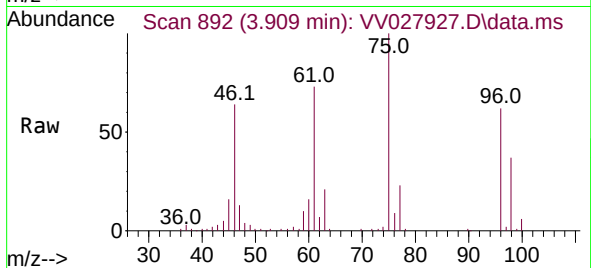
72 28.8 13.0 39.0



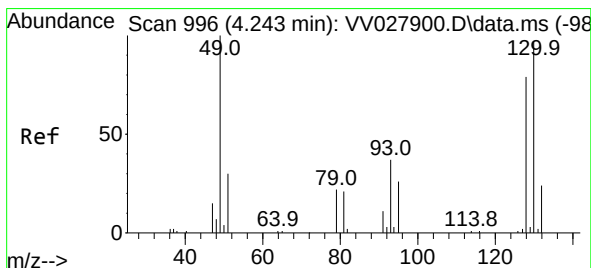
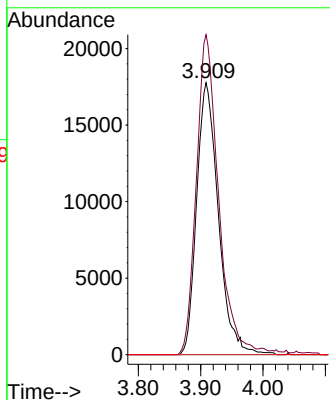
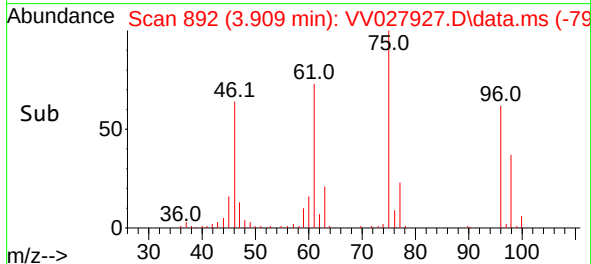


#22
 cis-1,2-Dichloroethene
 Concen: 4.999 ug/L
 RT: 3.909 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

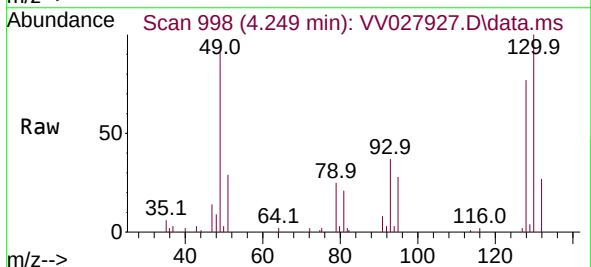
Instrument :
 MSVOA_V
 ClientSampleId :



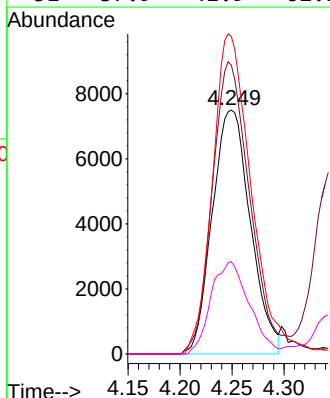
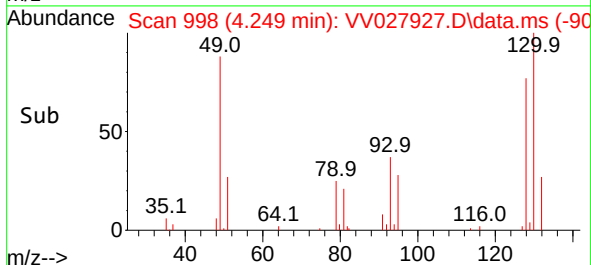
Tgt Ion: 96 Resp: 43113
 Ion Ratio Lower Upper
 96 100
 61 117.6 94.6 175.6
 68 0.0 0.3 0.5#

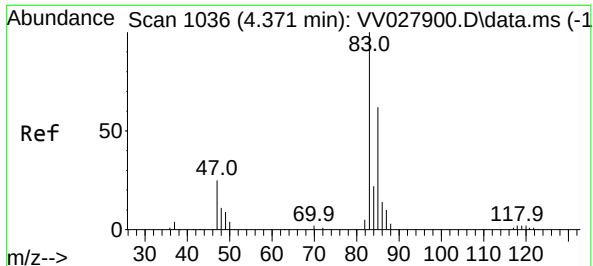


#23
 Bromochloromethane
 Concen: 4.847 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19



Tgt Ion: 128 Resp: 19102
 Ion Ratio Lower Upper
 128 100
 49 118.5 118.4 219.8
 130 130.3 89.2 165.6
 51 37.9 41.9 62.9#





#25

Chloroform

Concen: 4.435 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

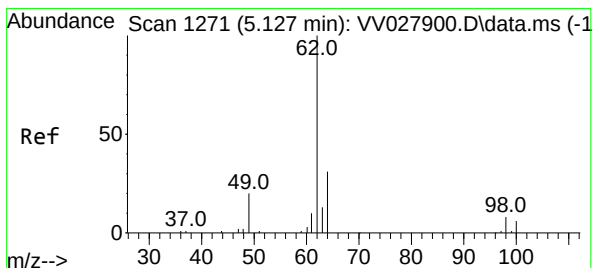
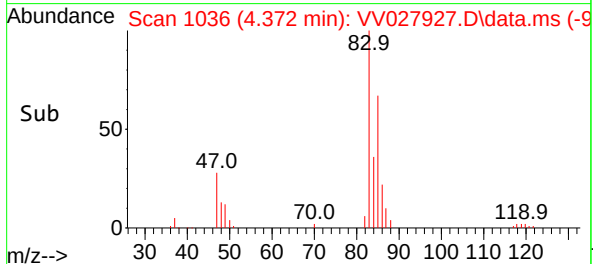
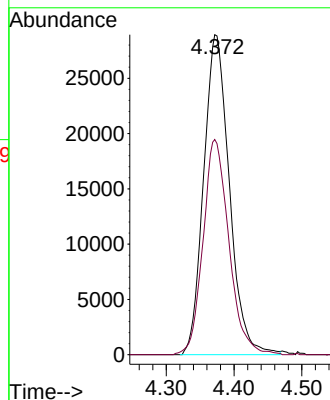
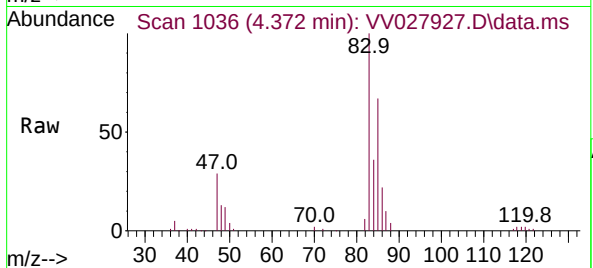
ClientSampleId :

Tgt Ion: 83 Resp: 76341

Ion Ratio Lower Upper

83 100

85 67.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.216 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV027927.D

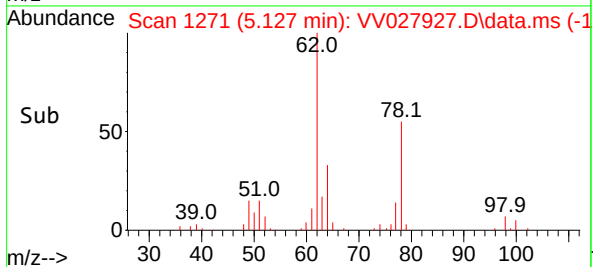
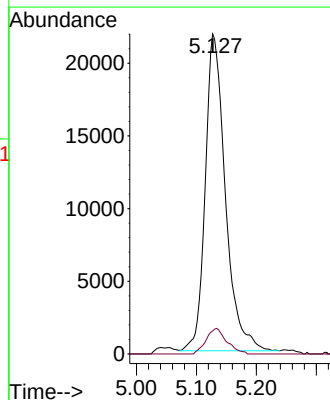
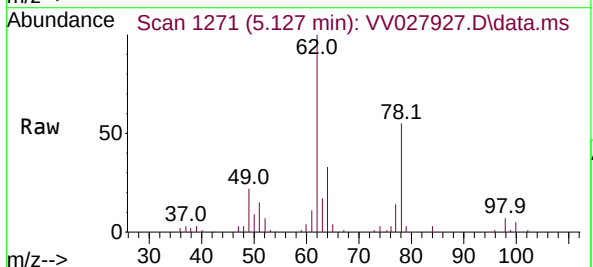
Acq: 18 Sep 2022 02:19

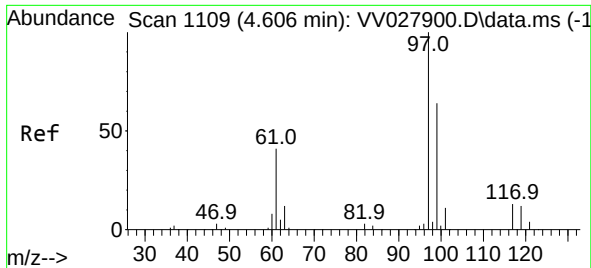
Tgt Ion: 62 Resp: 50784

Ion Ratio Lower Upper

62 100

98 7.2 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 4.380 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

ClientSampleId :

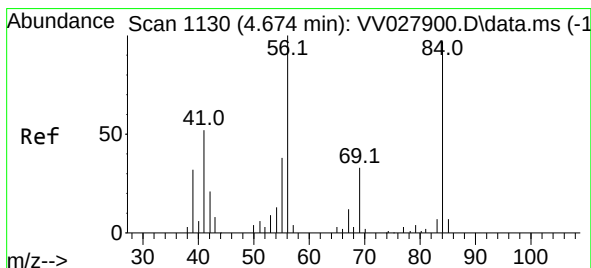
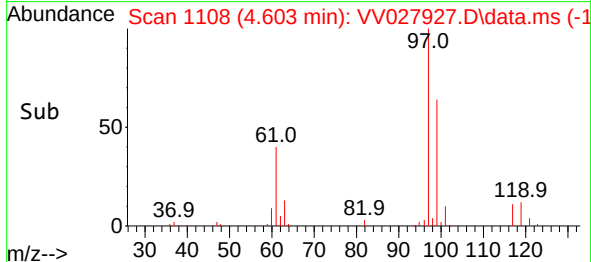
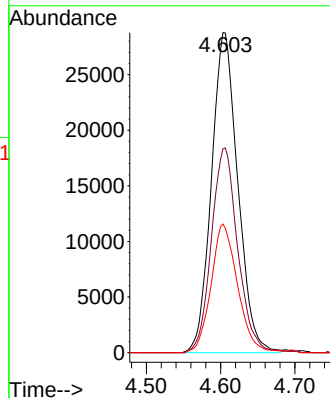
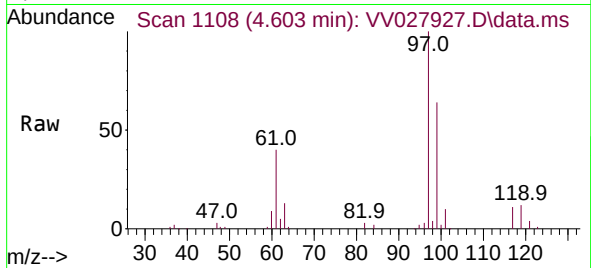
Tgt Ion: 97 Resp: 71049

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 40.5 36.2 54.4



#30

Cyclohexane

Concen: 3.696 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

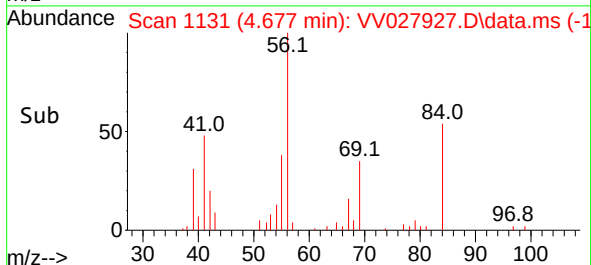
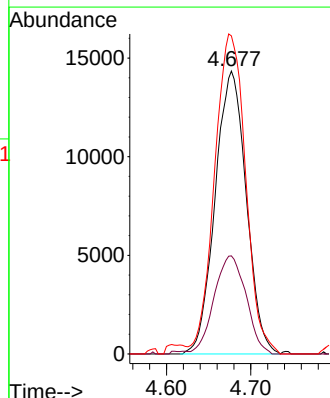
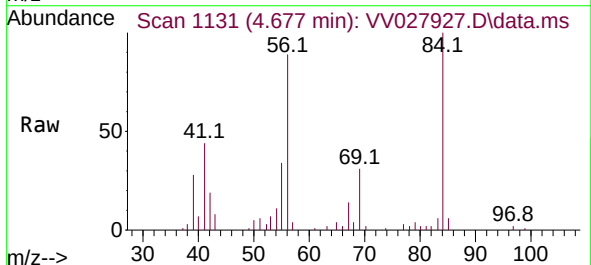
Tgt Ion: 56 Resp: 36779

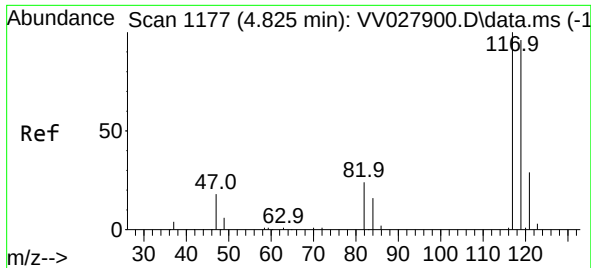
Ion Ratio Lower Upper

56 100

69 35.6 25.4 38.2

84 112.7 73.8 110.8#

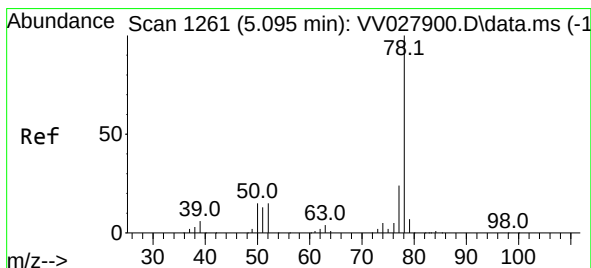
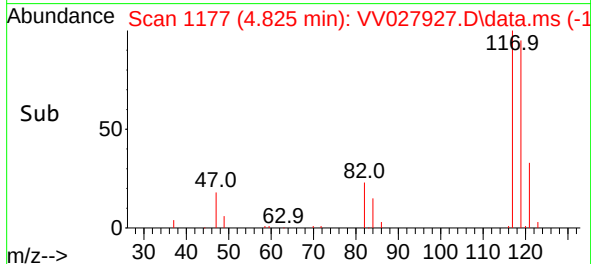
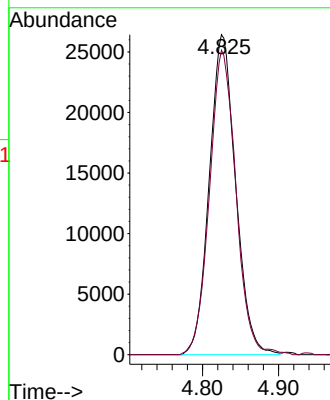
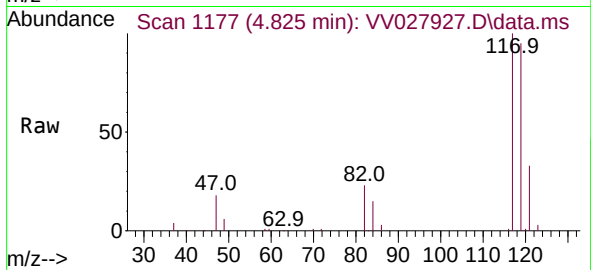




#31
Carbon tetrachloride
Concen: 4.414 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

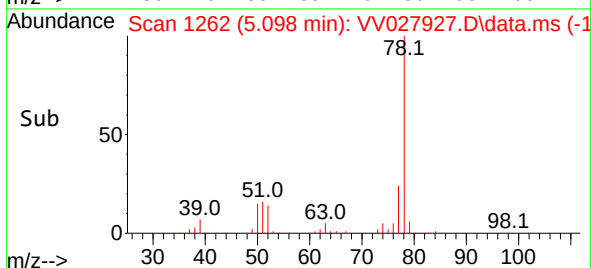
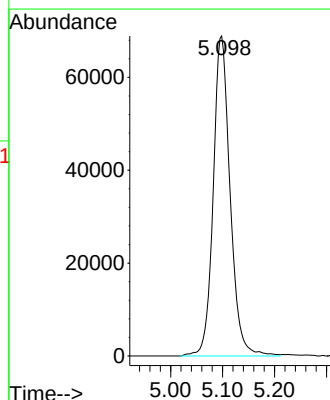
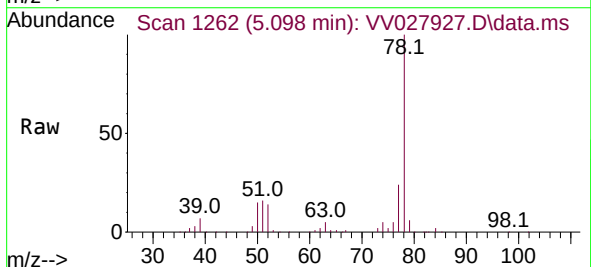
Instrument :
MSVOA_V
ClientSampleId :

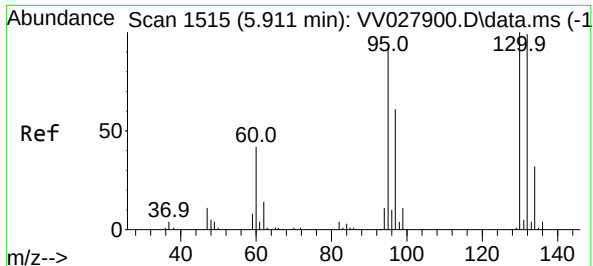
Tgt Ion:117 Resp: 63458
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8



#33
Benzene
Concen: 4.811 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

Tgt Ion: 78 Resp: 155669

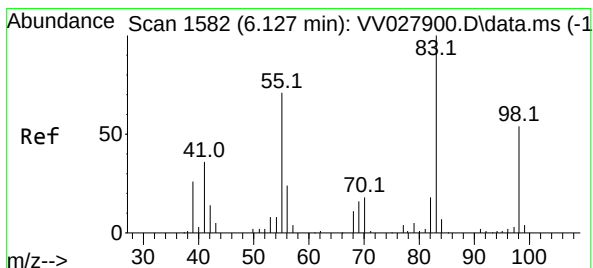
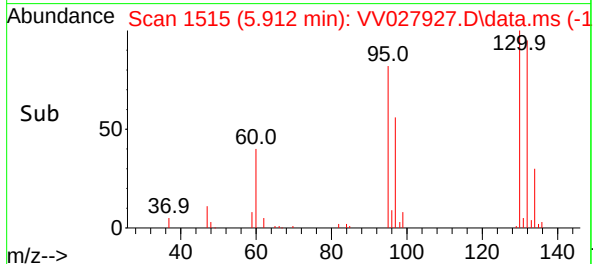
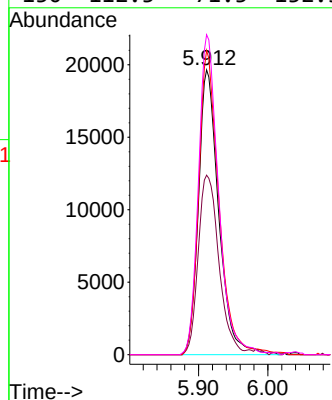
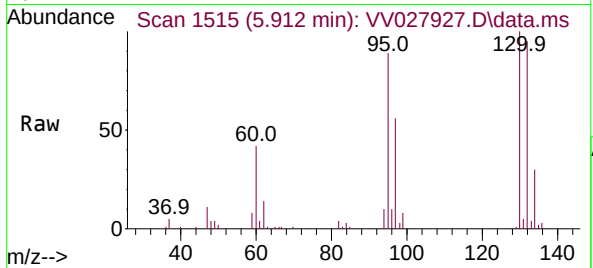




#34
Trichloroethene
Concen: 4.558 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

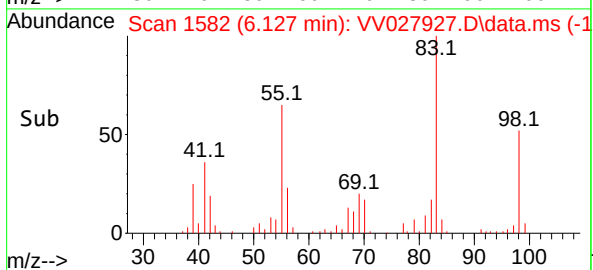
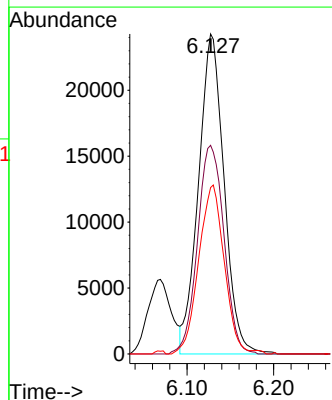
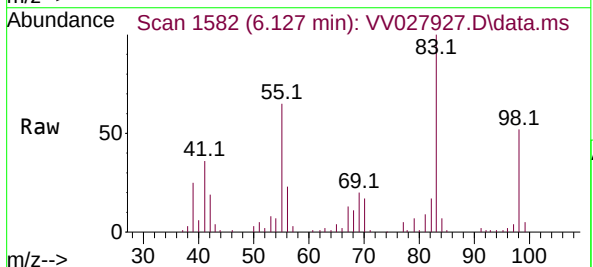
Instrument :
MSVOA_V
ClientSampleId :

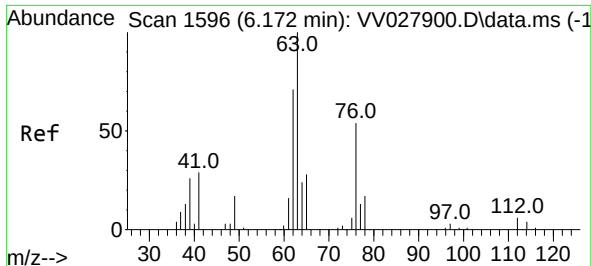
Tgt Ion: 95 Resp: 39840
Ion Ratio Lower Upper
95 100
97 63.0 42.9 79.7
132 106.8 67.9 126.1
130 112.3 71.3 132.3



#35
Methylcyclohexane
Concen: 4.114 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

Tgt Ion: 83 Resp: 49797
Ion Ratio Lower Upper
83 100
55 67.5 61.9 92.9
98 52.7 37.5 56.3





#37

1,2-Dichloropropane

Concen: 4.691 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

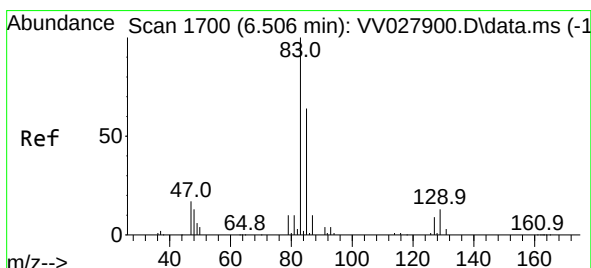
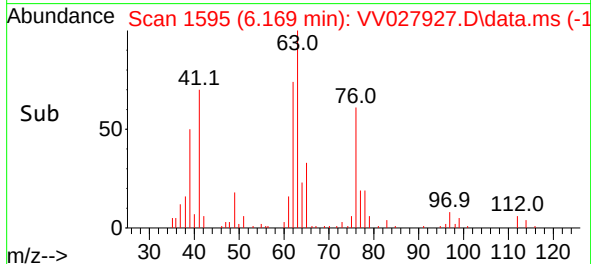
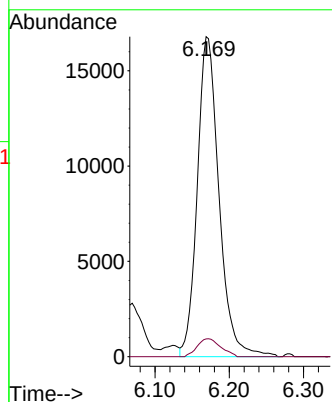
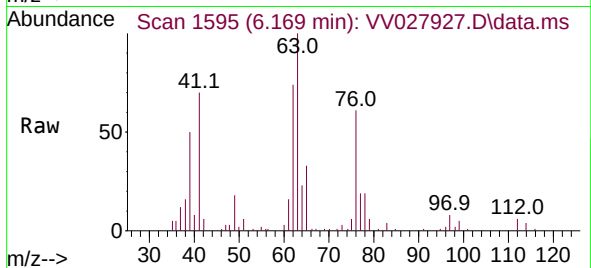
ClientSampleId :

Tgt Ion: 63 Resp: 34182

Ion Ratio Lower Upper

63 100

112 6.1 4.0 6.0#



#38

Bromodichloromethane

Concen: 4.729 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

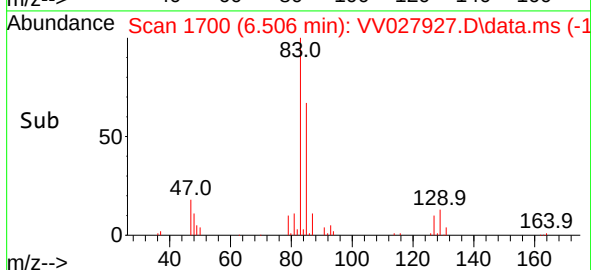
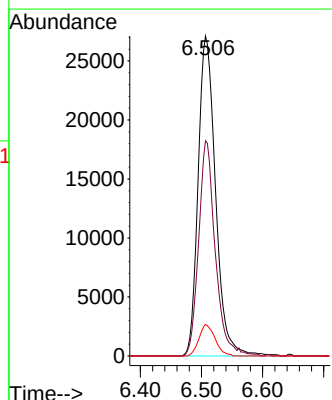
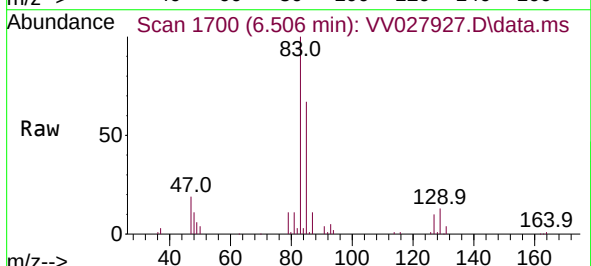
Tgt Ion: 83 Resp: 53768

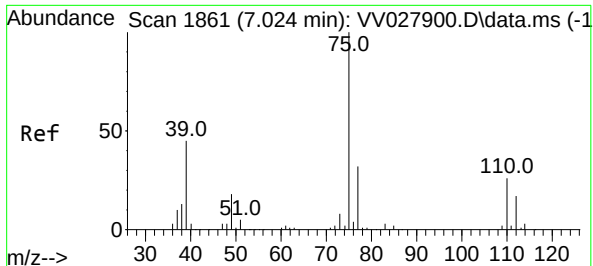
Ion Ratio Lower Upper

83 100

85 67.2 43.3 80.3

127 9.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.183 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

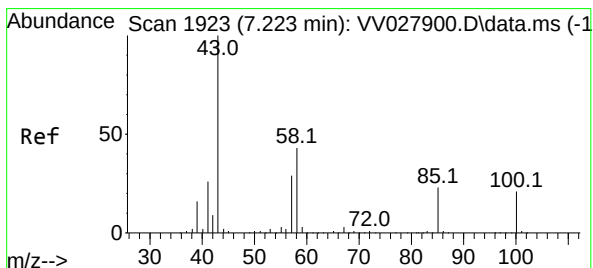
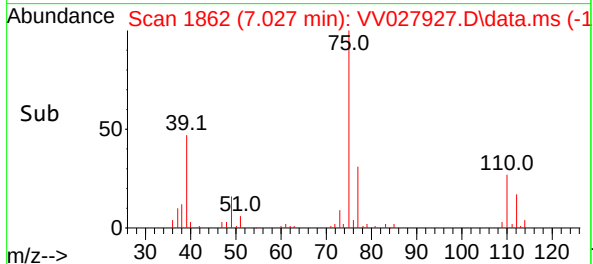
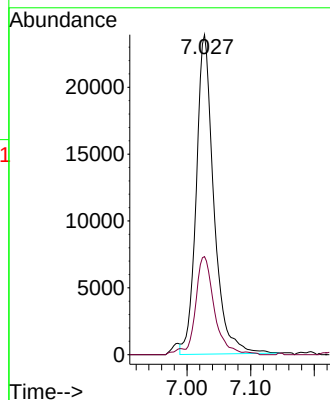
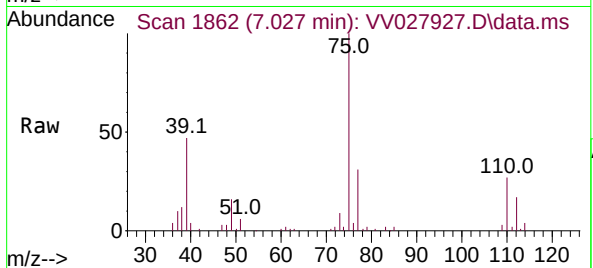
ClientSampleId :

Tgt Ion: 75 Resp: 45863

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 44.229 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

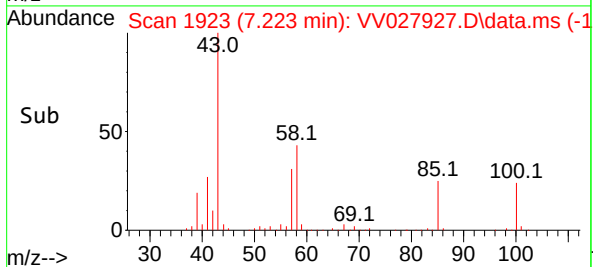
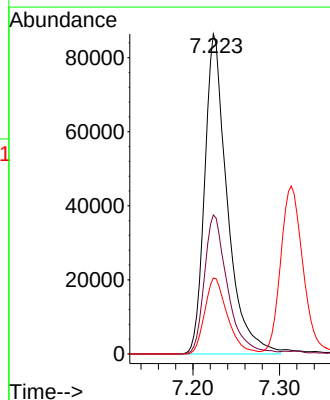
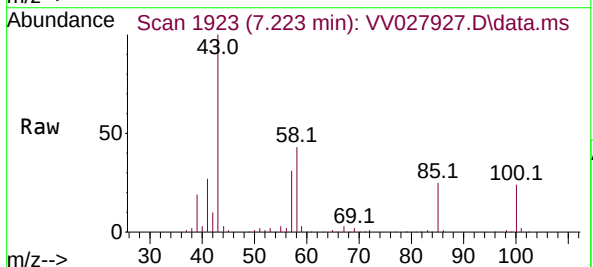
Tgt Ion: 43 Resp: 156575

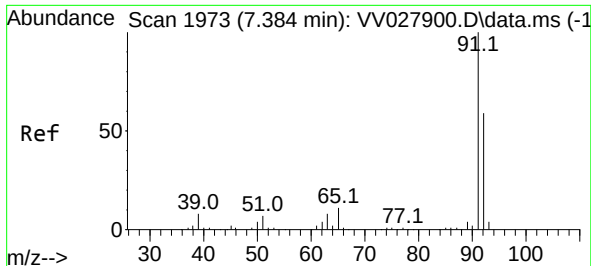
Ion Ratio Lower Upper

43 100

58 44.5 30.9 46.3

100 23.9 13.4 20.0#





#42

Toluene

Concen: 4.570 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

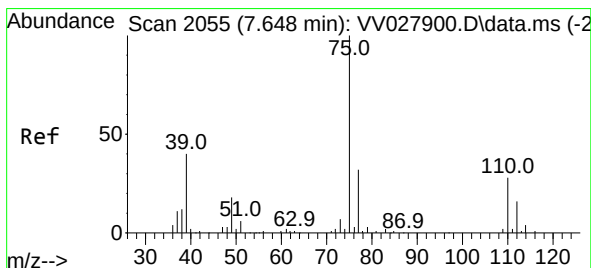
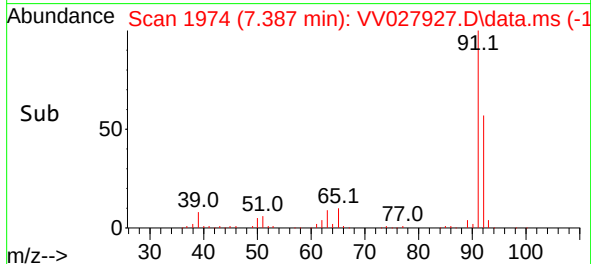
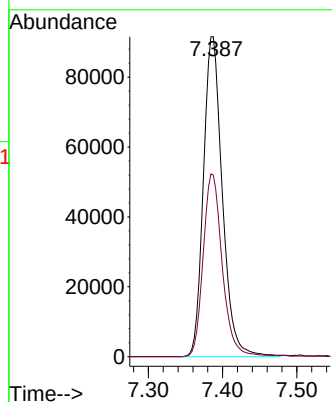
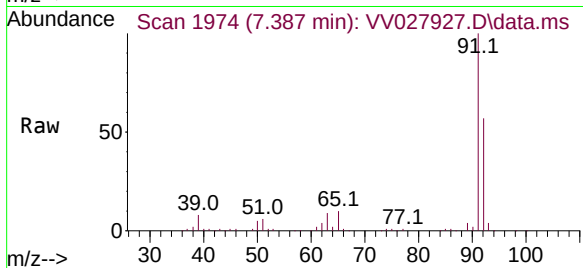
ClientSampleId :

Tgt Ion: 91 Resp: 162355

Ion Ratio Lower Upper

91 100

92 56.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.866 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV027927.D

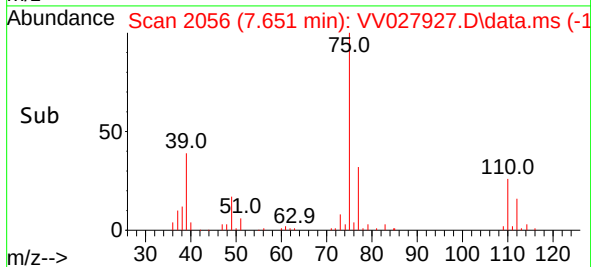
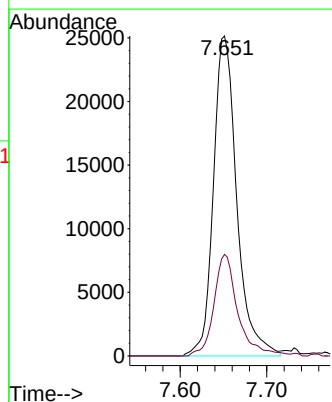
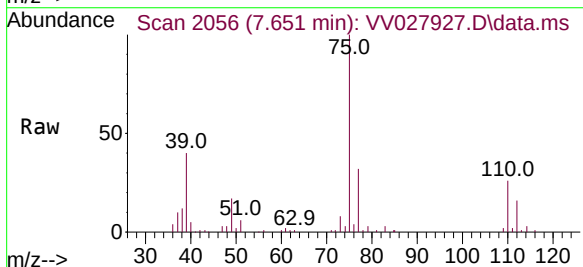
Acq: 18 Sep 2022 02:19

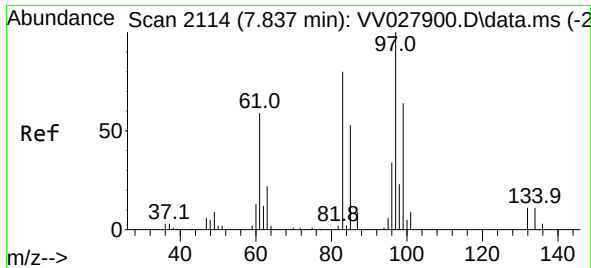
Tgt Ion: 75 Resp: 47134

Ion Ratio Lower Upper

75 100

77 31.8 22.6 42.0

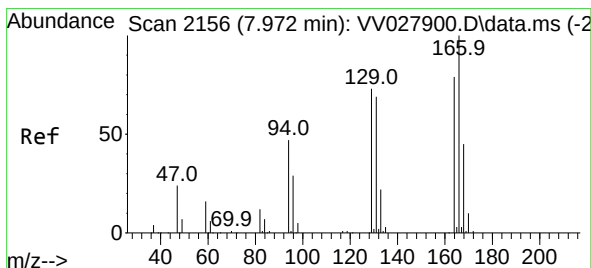
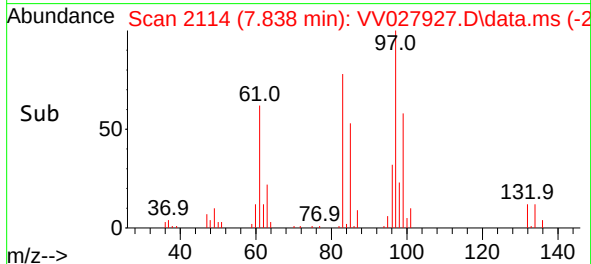
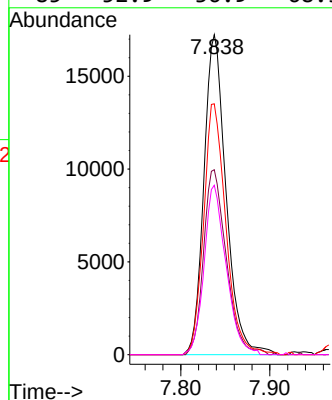
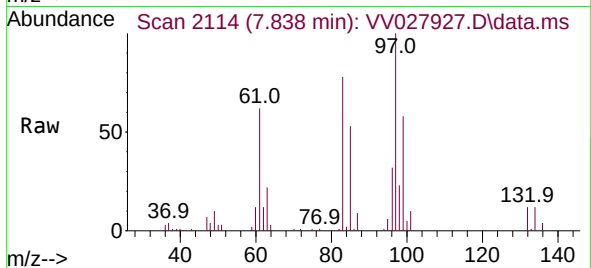




#45
1,1,2-Trichloroethane
Concen: 5.275 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

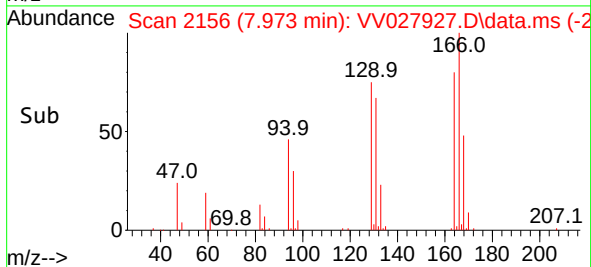
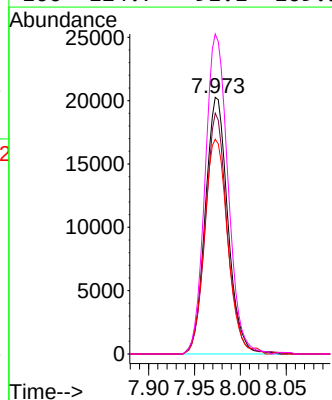
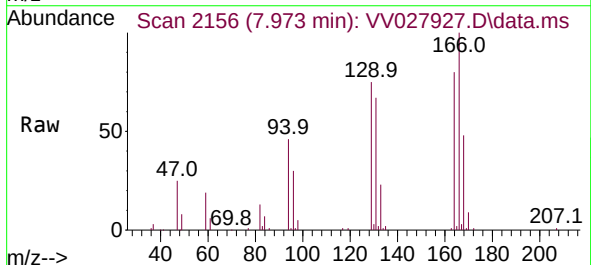
Instrument :
MSVOA_V
ClientSampleId :

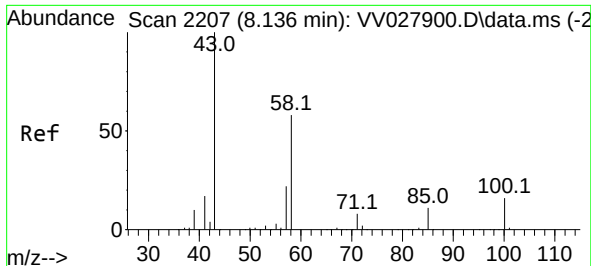
Tgt Ion: 97	Resp: 29851
Ion Ratio	Lower Upper
97 100	
99 57.8	44.2 82.0
83 78.4	60.3 112.1
85 52.9	36.9 68.5



#47
Tetrachloroethene
Concen: 4.749 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

Tgt Ion: 164	Resp: 34679
Ion Ratio	Lower Upper
164 100	
129 93.9	67.2 124.8
131 83.7	61.5 114.3
166 124.7	91.1 169.3

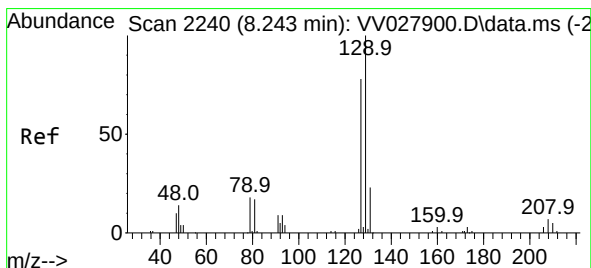
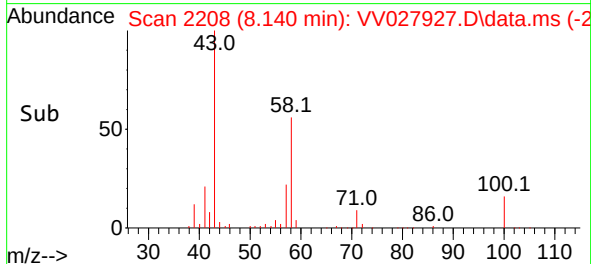
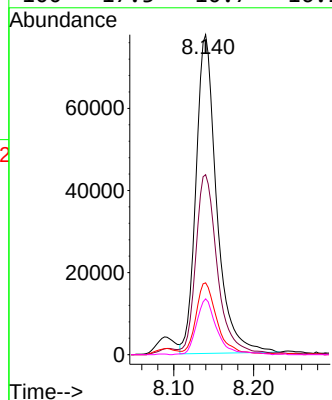
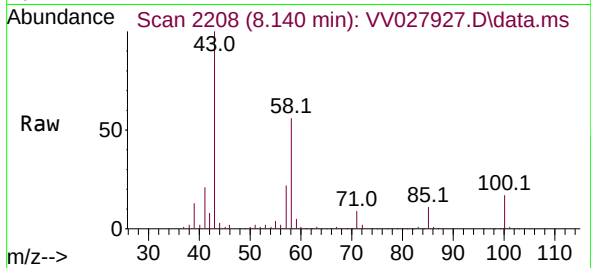




#48
2-Hexanone
Concen: 55.131 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.004 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

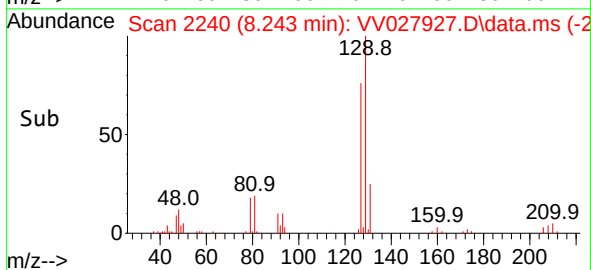
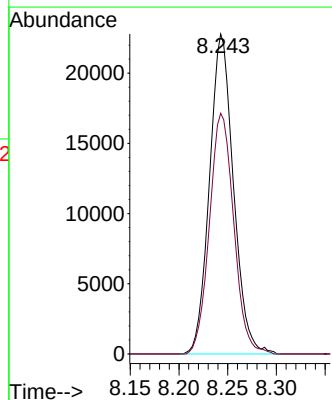
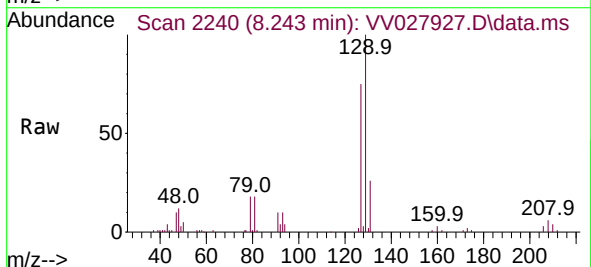
Instrument :
MSVOA_V
ClientSampleId :

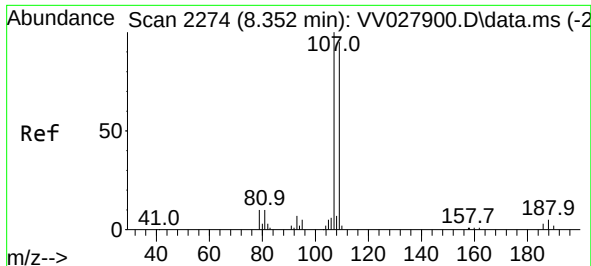
Tgt Ion: 43 Resp: 140055
Ion Ratio Lower Upper
43 100
58 58.1 43.2 64.8
57 22.7 15.6 23.4
100 17.3 10.7 16.1#



#49
Dibromochloromethane
Concen: 5.252 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

Tgt Ion: 129 Resp: 38984
Ion Ratio Lower Upper
129 100
127 75.2 55.2 102.6





#50

1,2-Dibromoethane

Concen: 5.053 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027927.D

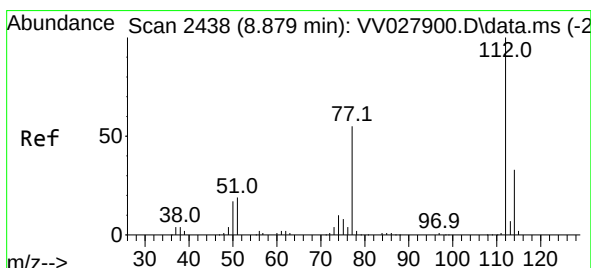
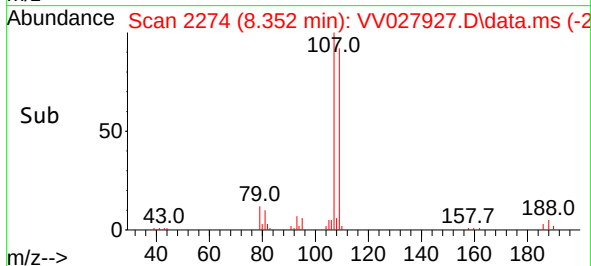
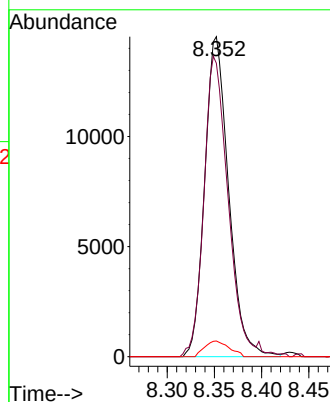
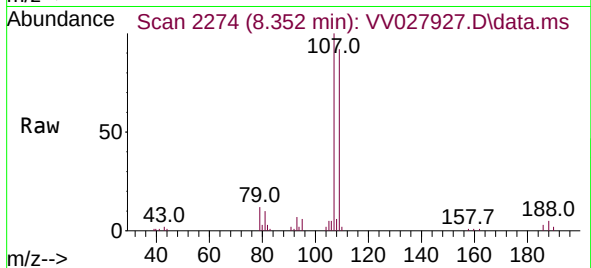
Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	25636
Ion Ratio	Lower	Upper
107	100	
109	91.7	65.9 122.5
188	4.9	3.1 4.7#



#51

Chlorobenzene

Concen: 4.808 ug/L

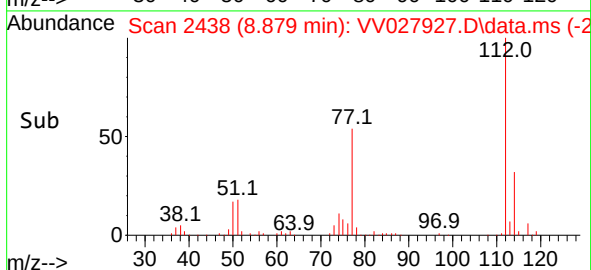
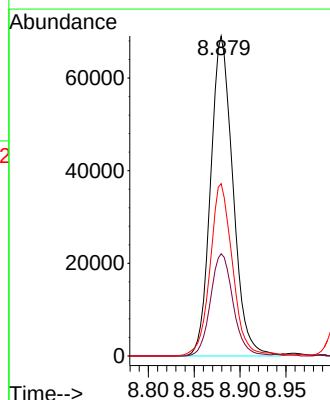
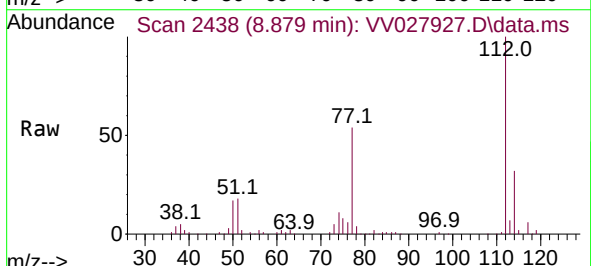
RT: 8.879 min Scan# 2438

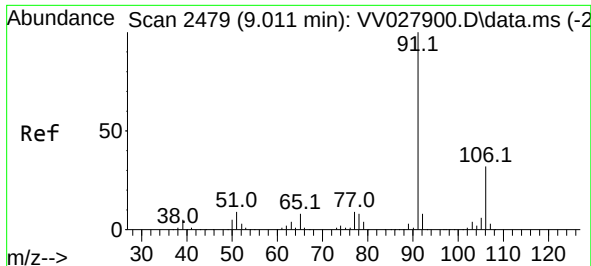
Delta R.T. 0.000 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Tgt Ion:112	Resp:	116886
Ion Ratio	Lower	Upper
112	100	
114	32.0	21.7 40.3
77	53.8	45.3 67.9

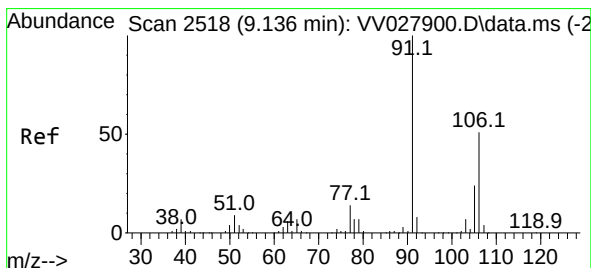
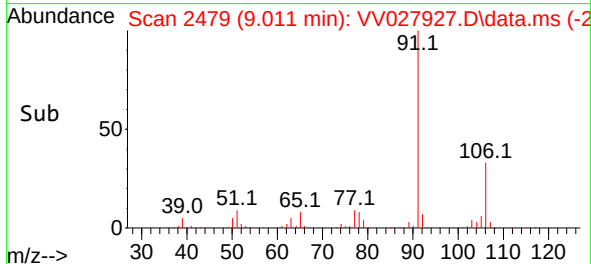
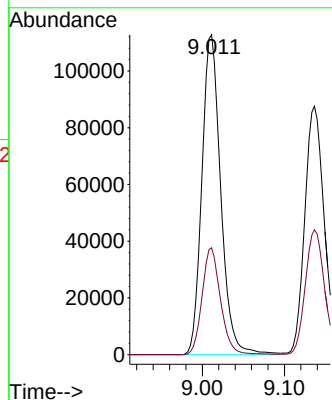
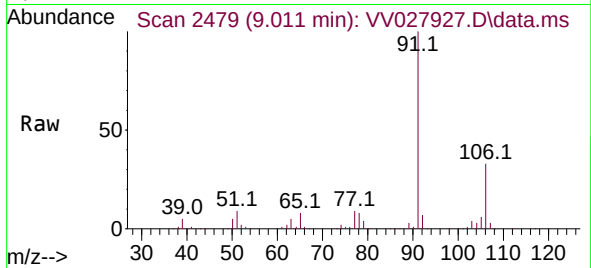




#52
Ethylbenzene
Concen: 4.662 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

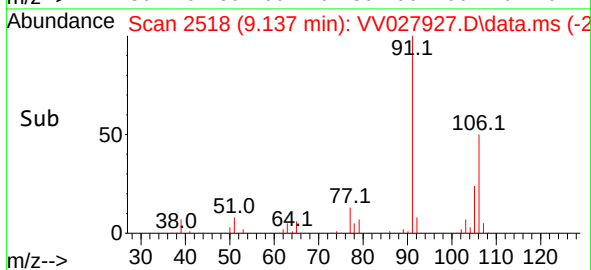
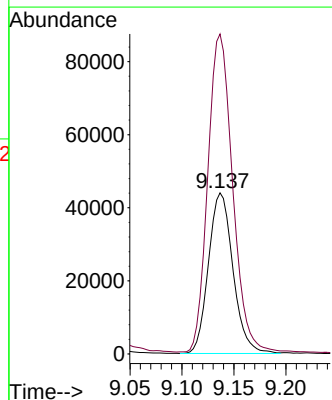
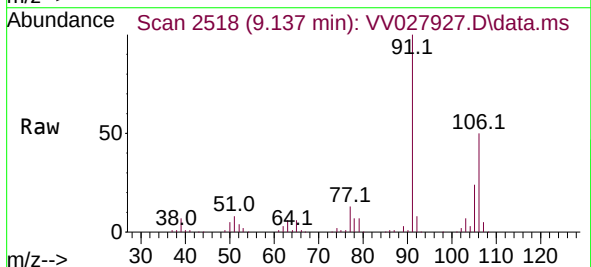
Instrument :
MSVOA_V
ClientSampleId :

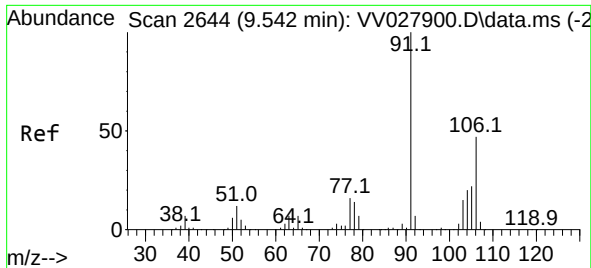
Tgt Ion: 91 Resp: 180272
Ion Ratio Lower Upper
91 100
106 33.4 22.0 40.8



#53
m,p-Xylene
Concen: 4.714 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

Tgt Ion:106 Resp: 72203
Ion Ratio Lower Upper
106 100
91 198.7 142.4 264.4

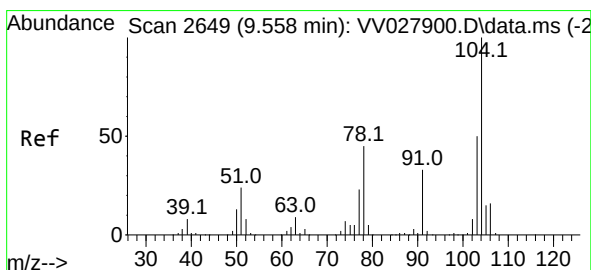
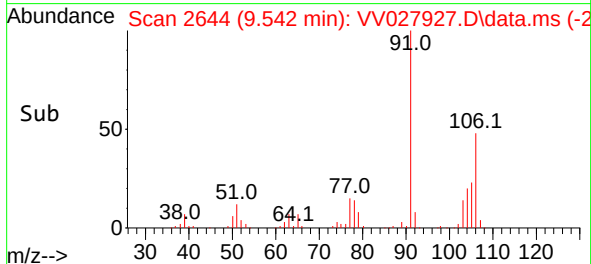
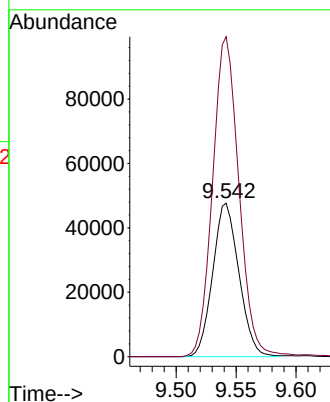
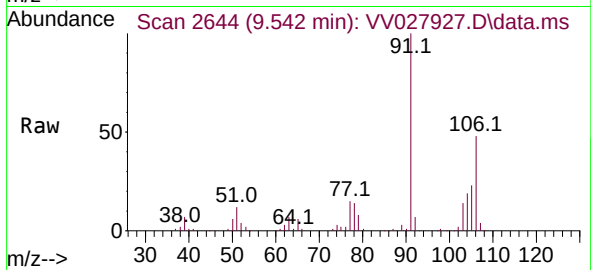




#54
o-Xylene
Concen: 4.864 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

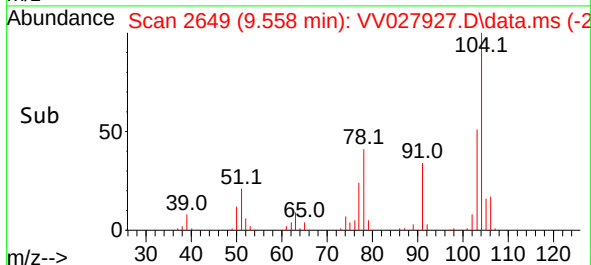
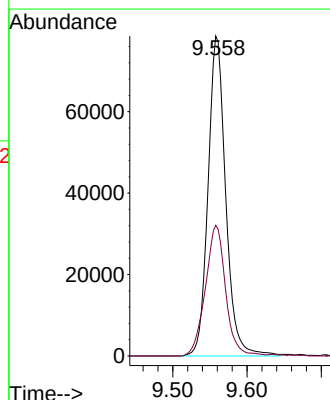
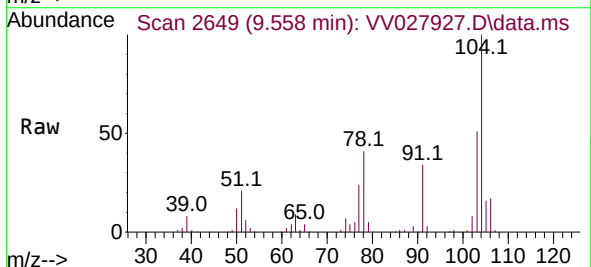
Instrument :
MSVOA_V
ClientSampleId :

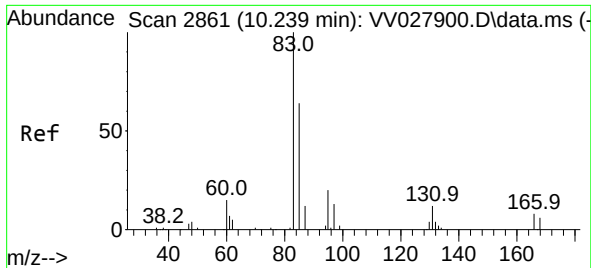
Tgt Ion:106 Resp: 72383
Ion Ratio Lower Upper
106 100
91 208.5 147.5 273.9



#55
Styrene
Concen: 5.050 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

Tgt Ion:104 Resp: 129862
Ion Ratio Lower Upper
104 100
78 40.9 31.7 58.9

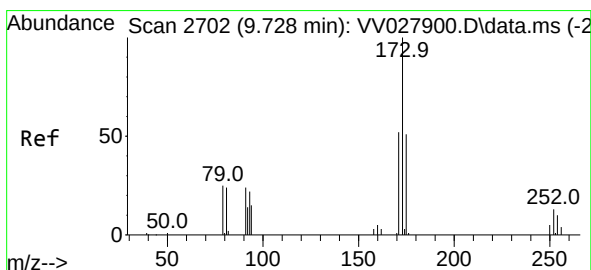
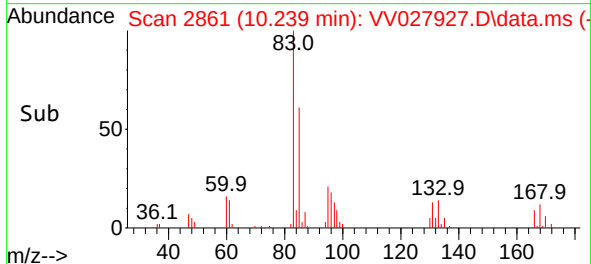
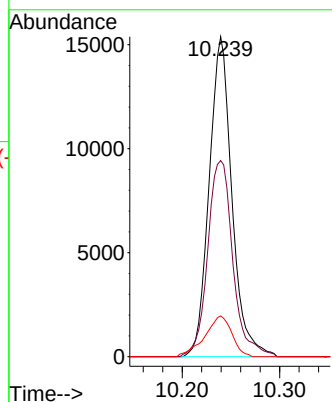
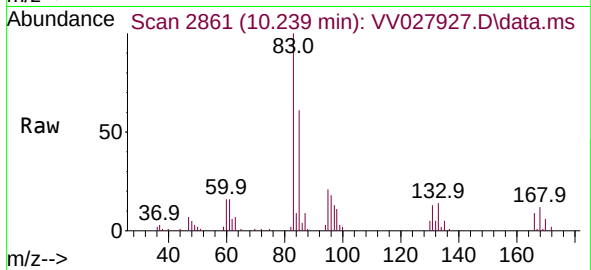




#57
1,1,2,2-Tetrachloroethane
Concen: 4.300 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

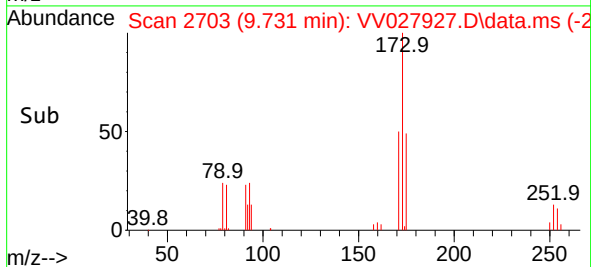
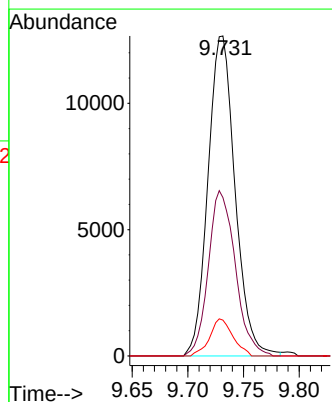
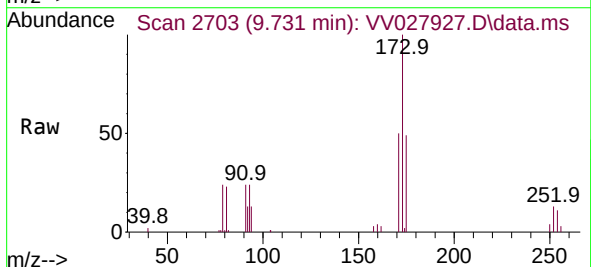
Instrument :
MSVOA_V
ClientSampleId :

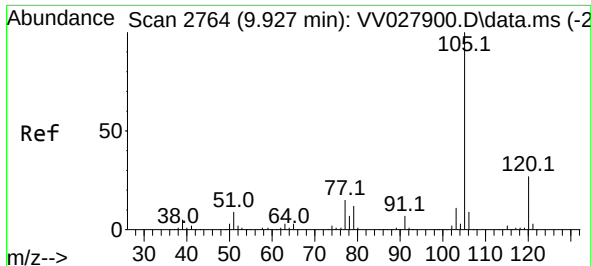
Tgt Ion: 83 Resp: 24973
Ion Ratio Lower Upper
83 100
85 61.3 44.7 83.1
131 12.8 8.5 12.7#



#59
Bromoform
Concen: 5.853 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

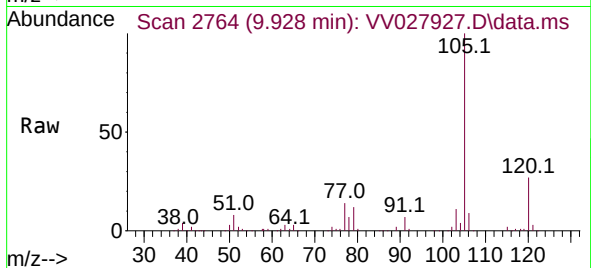
Tgt Ion: 173 Resp: 21457
Ion Ratio Lower Upper
173 100
175 51.3 38.4 57.6
254 9.9 6.8 10.2



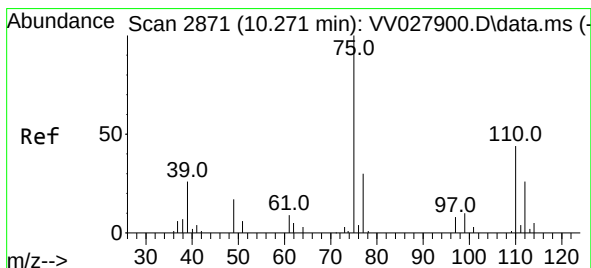
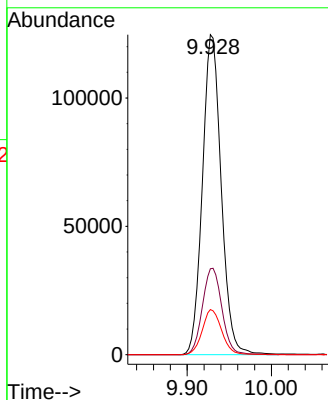
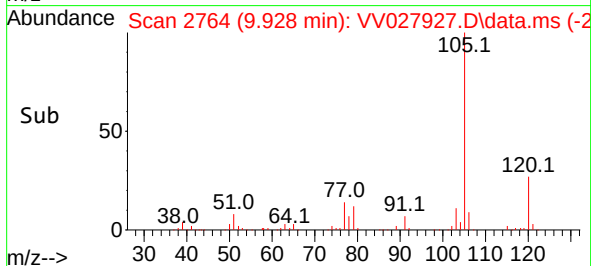


#60
Isopropylbenzene
Concen: 5.369 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

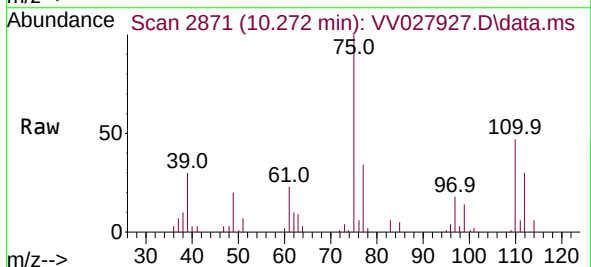
Instrument :
MSVOA_V
ClientSampleId :



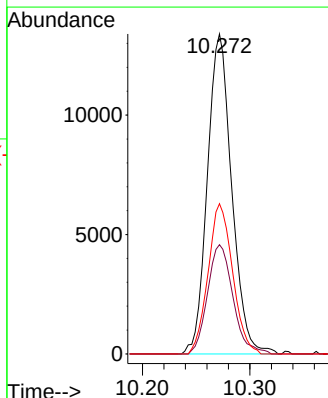
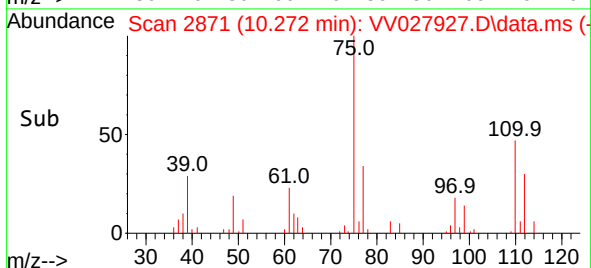
Tgt Ion:105 Resp: 193935
Ion Ratio Lower Upper
105 100
120 28.0 21.3 31.9
77 14.5 12.6 18.8

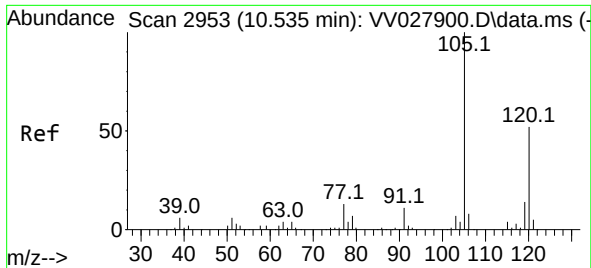


#61
1,2,3-Trichloropropane
Concen: 4.968 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19



Tgt Ion: 75 Resp: 21109
Ion Ratio Lower Upper
75 100
77 35.6 27.6 41.4
110 47.2 35.6 53.4

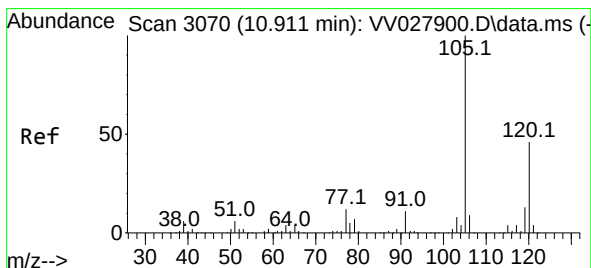
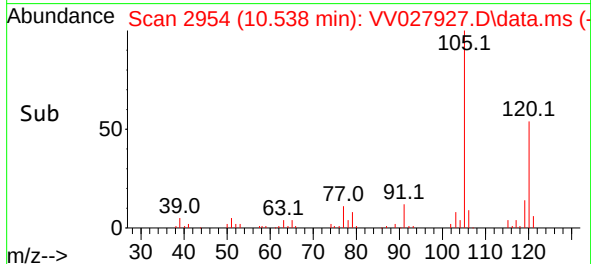
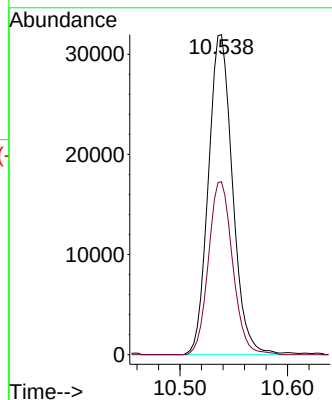
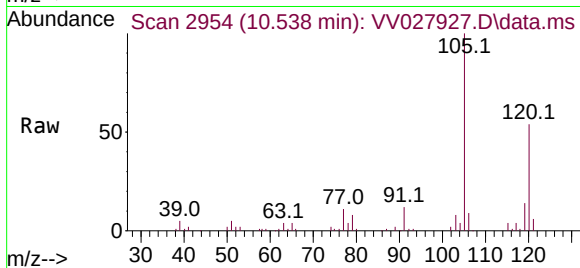




#62
 1,3,5-Trimethylbenzene
 Concen: 4.714 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

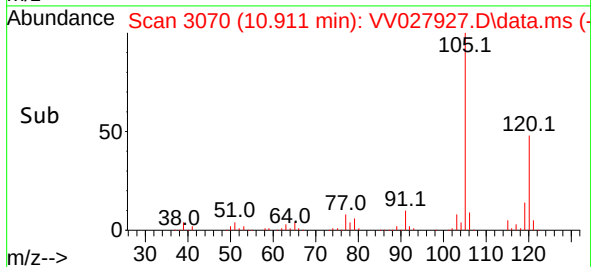
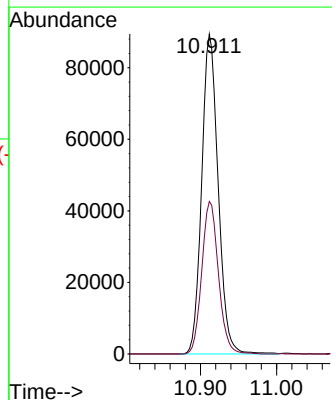
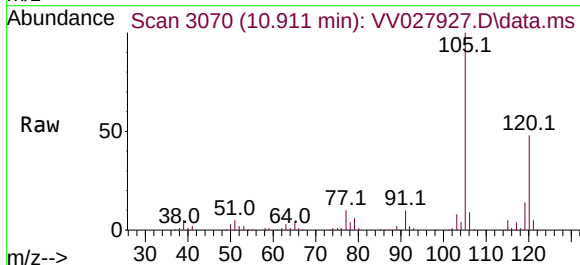
Instrument :
 MSVOA_V
 ClientSampleId :

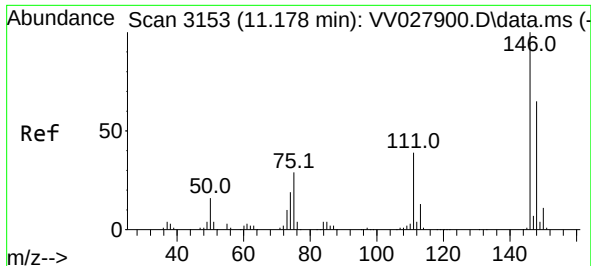
Tgt Ion:105 Resp: 49868
 Ion Ratio Lower Upper
 105 100
 120 54.1 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.524 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

Tgt Ion:105 Resp: 134522
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 4.851 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

ClientSampleId :

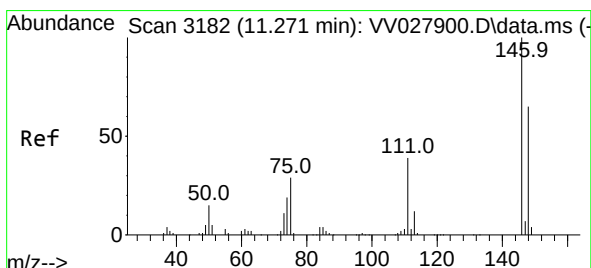
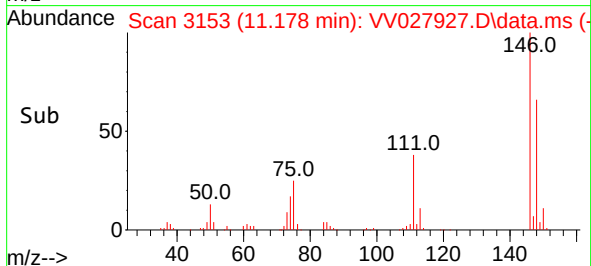
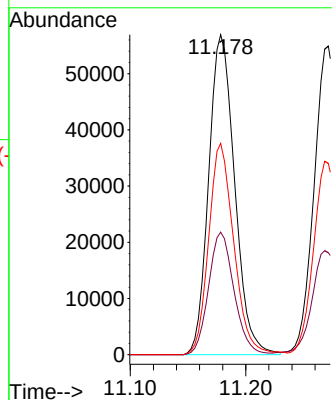
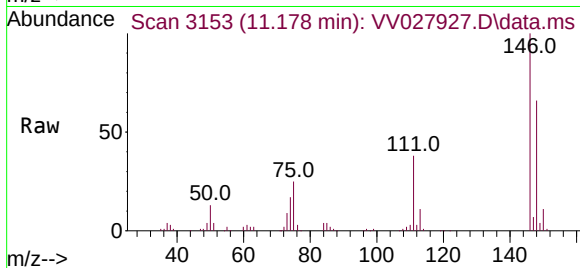
Tgt Ion:146 Resp: 88960

Ion Ratio Lower Upper

146 100

111 38.3 27.9 51.9

148 66.0 46.0 85.4



#65

1,4-Dichlorobenzene

Concen: 4.784 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

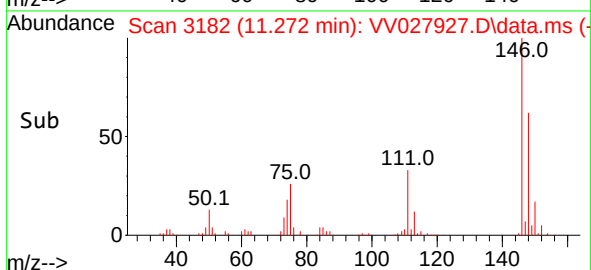
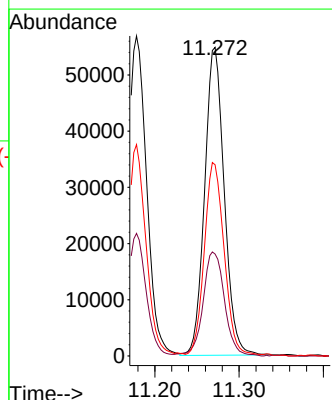
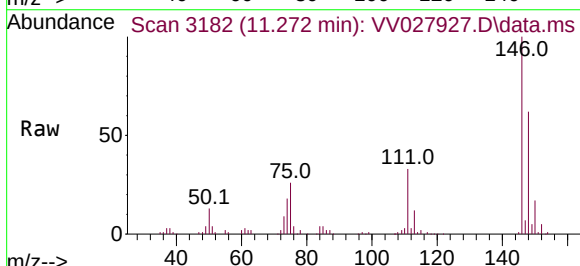
Tgt Ion:146 Resp: 88916

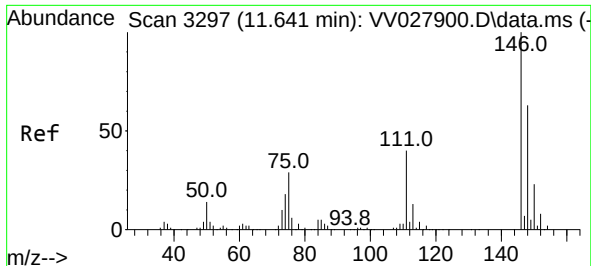
Ion Ratio Lower Upper

146 100

111 33.0 26.5 49.3

148 61.9 42.8 79.4

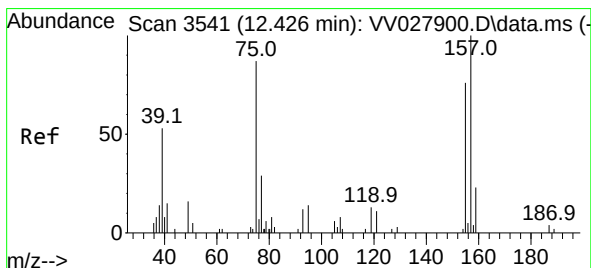
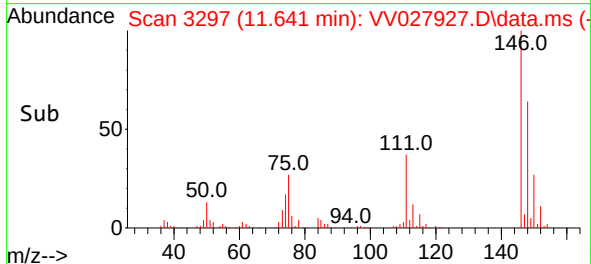
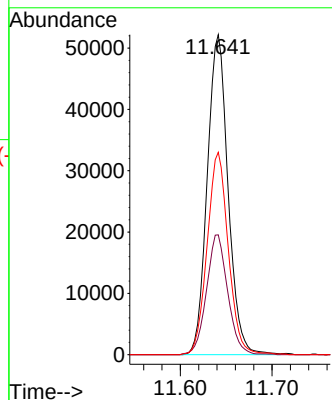
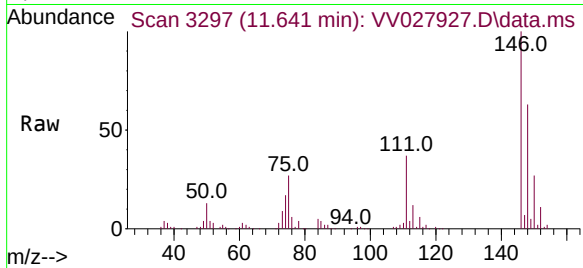




#67
 1,2-Dichlorobenzene
 Concen: 4.878 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

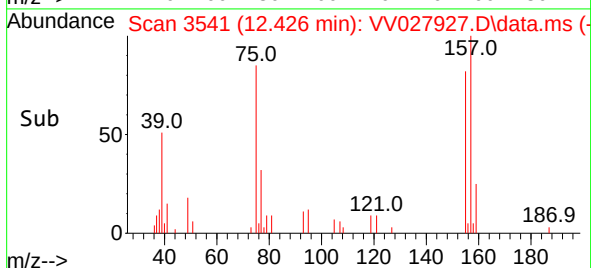
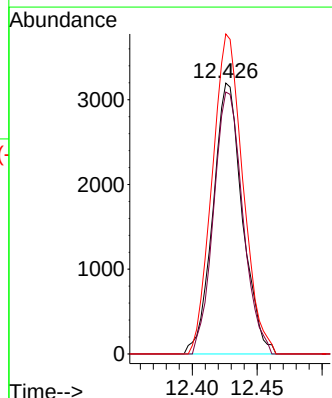
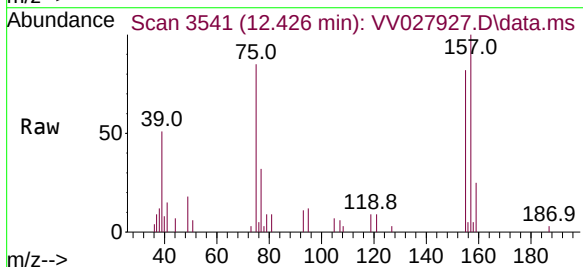
Instrument :
 MSVOA_V
 ClientSampleId :

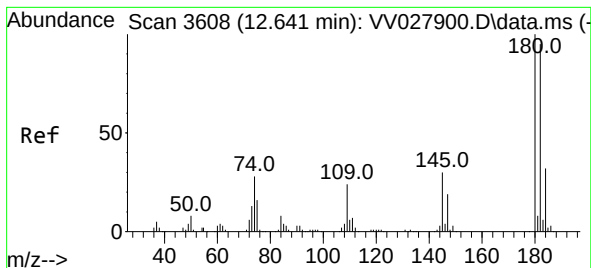
Tgt Ion:146 Resp: 82373
 Ion Ratio Lower Upper
 146 100
 111 37.5 33.1 49.7
 148 63.2 49.8 74.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.548 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV027927.D
 Acq: 18 Sep 2022 02:19

Tgt Ion: 75 Resp: 5028
 Ion Ratio Lower Upper
 75 100
 155 96.7 71.9 107.9
 157 118.1 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 5.338 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

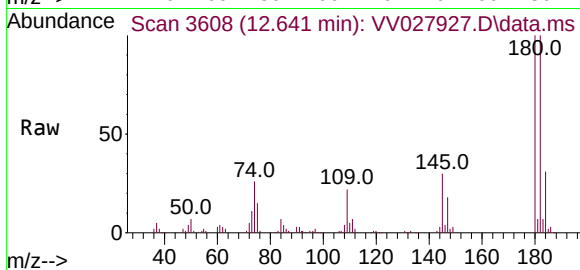
Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 79324

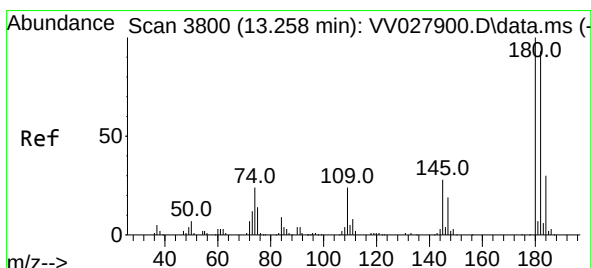
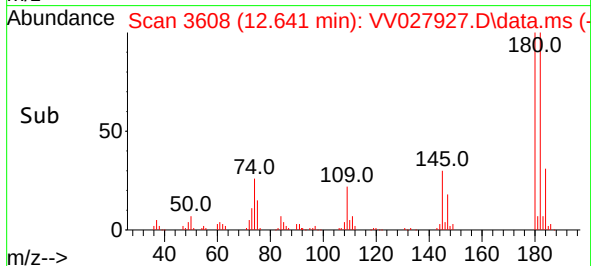
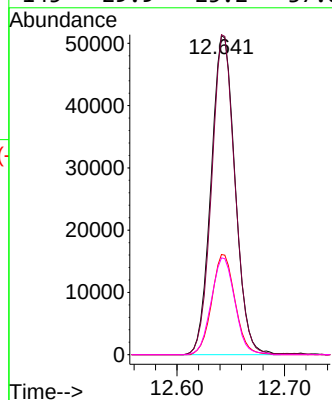
Ion Ratio Lower Upper

180 100

182 97.3 75.8 113.8

184 30.4 23.8 35.6

145 29.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.461 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027927.D

Acq: 18 Sep 2022 02:19

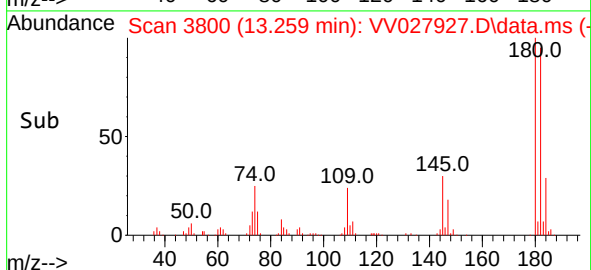
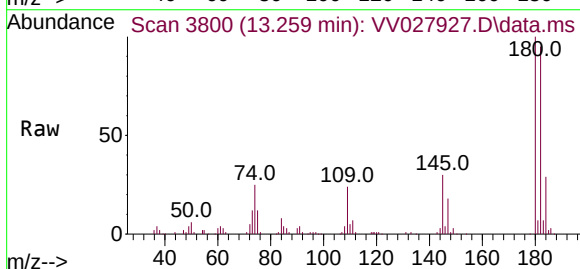
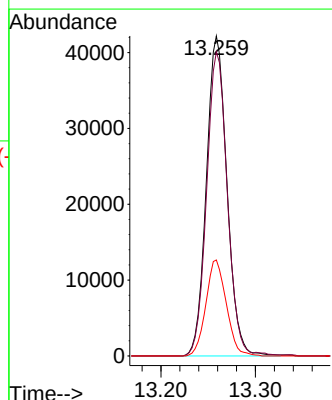
Tgt Ion:180 Resp: 63891

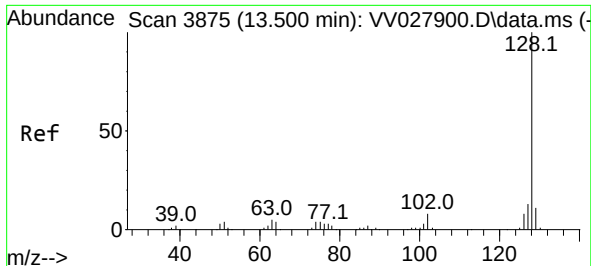
Ion Ratio Lower Upper

180 100

182 95.4 76.6 114.8

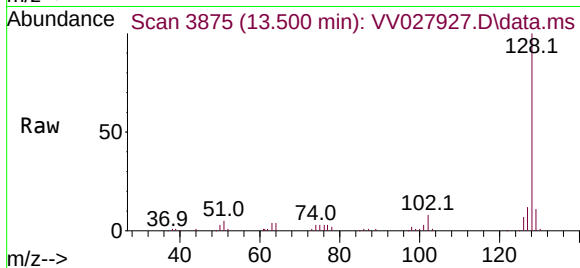
145 29.8 24.6 37.0



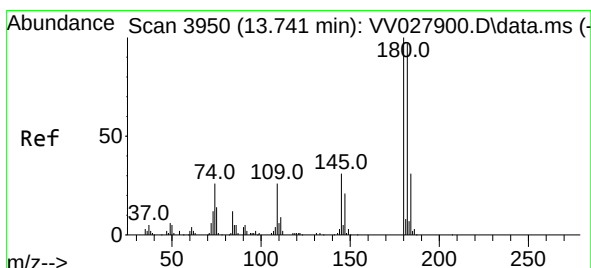
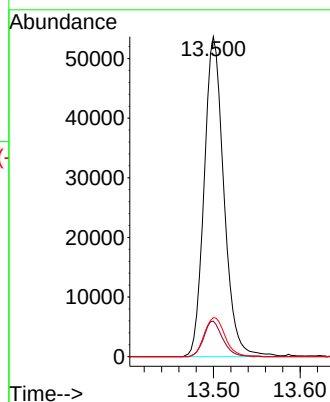
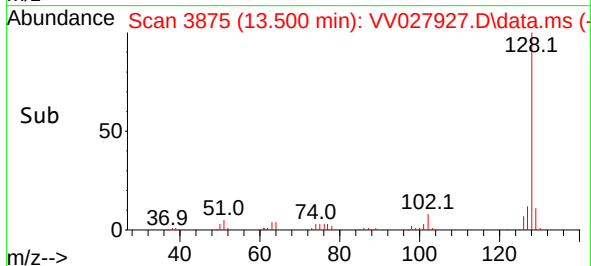


#71
Naphthalene
Concen: 5.230 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19

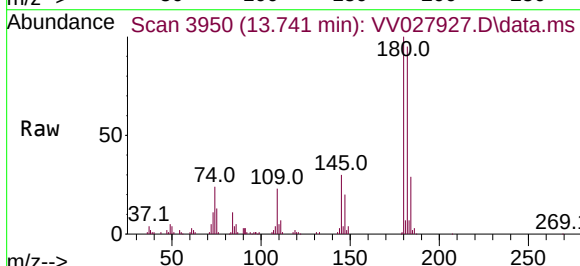
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 85060
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 12.8 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.517 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027927.D
Acq: 18 Sep 2022 02:19



Tgt Ion:180 Resp: 54957
Ion Ratio Lower Upper
180 100
182 96.6 76.5 114.7
145 30.9 26.5 39.7

