

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027476.D
 Acq On : 22 Aug 2022 18:37
 Operator : SY/MD
 Sample : N4252-15MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:14:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	117989	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	117670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49878	5.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.800%
7) Chloroethane-d5	1.564	69	36911	6.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.200%
11) 1,1-Dichloroethene-d2	2.108	63	114782	5.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.200%
20) 2-Butanone-d5	3.921	46	7325	7.009	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	14.020%#
24) Chloroform-d	4.346	84	85332	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.034	65	35682	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.050	84	155873	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.069	67	44273	4.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.313	98	147252	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.625	79	15057	4.641	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.092	63	53921	50.487	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31650	5.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	45248	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	67610	5.400	ug/L	99
3) Chloromethane	1.240	50	55599	5.085	ug/L	100
5) Vinyl chloride	1.307	62	1762626	160.156	ug/L	100
6) Bromomethane	1.519	94	35805	6.579	ug/L	99
8) Chloroethane	1.584	64	47494	7.384	ug/L	95
9) Trichlorofluoromethane	1.751	101	101171	5.786	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	57232	5.798	ug/L	98
12) 1,1-Dichloroethene	2.118	96	82255	9.214	ug/L	85
13) Acetone	2.185	43	45905	45.996	ug/L	93
14) Carbon disulfide	2.291	76	135108	5.514	ug/L	100
15) Methyl Acetate	2.439	43	11958	4.327	ug/L #	90
16) Methylene chloride	2.503	84	54803	4.072	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	99830	5.405	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	158247	17.206	ug/L	98
19) 1,1-Dichloroethane	3.188	63	121199	6.366	ug/L	99
21) 2-Butanone	3.982	43	62470	47.034	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	10337744	1054.725	ug/L	98
23) Bromochloromethane	4.249	128	21927	5.073	ug/L	89
25) Chloroform	4.375	83	113698	5.492	ug/L	97

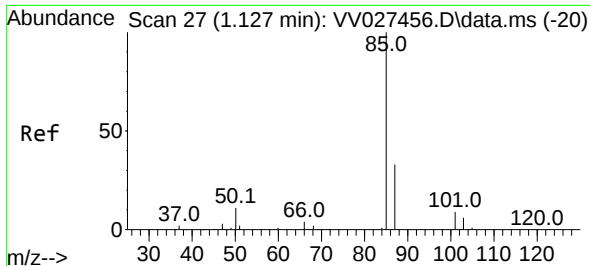
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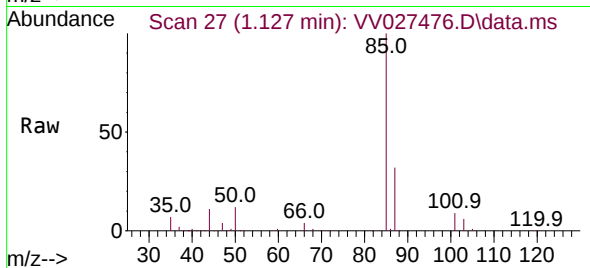
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	56192	5.342	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	106485	5.896	ug/L	97
30) Cyclohexane	4.674	56	70885	5.113	ug/L	97
31) Carbon tetrachloride	4.825	117	87435	5.567	ug/L	95
33) Benzene	5.098	78	222078	5.676	ug/L	100
34) Trichloroethene	5.912	95	5755571	559.026	ug/L	98
35) Methylcyclohexane	6.130	83	85280	5.889	ug/L	95
37) 1,2-Dichloropropane	6.172	63	55789	5.349	ug/L	100
38) Bromodichloromethane	6.510	83	75186	5.685	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	64601	5.137	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	256489	55.037	ug/L	97
42) Toluene	7.384	91	233952	5.793	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	56969	5.358	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	39126	5.868	ug/L	91
47) Tetrachloroethene	7.976	164	44737	5.578	ug/L	96
48) 2-Hexanone	8.140	43	186472	55.530	ug/L	97
49) Dibromochloromethane	8.246	129	46315	5.648	ug/L	98
50) 1,2-Dibromoethane	8.352	107	33542	5.763	ug/L #	98
51) Chlorobenzene	8.879	112	143283	5.482	ug/L	99
52) Ethylbenzene	9.011	91	223332	5.418	ug/L	98
53) m,p-Xylene	9.137	106	87136	5.524	ug/L	98
54) o-Xylene	9.542	106	83607	5.464	ug/L	98
55) Styrene	9.561	104	153094	5.881	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43945	5.851	ug/L	99
59) Bromoform	9.731	173	24315	5.683	ug/L	99
60) Isopropylbenzene	9.931	105	234361	5.579	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30941	5.525	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	59718	5.127	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	169578	5.167	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	112680	5.444	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	111523	5.405	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	102699	5.473	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6655	5.348	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	82154	5.318	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	58664	5.225	ug/L	100
71) Naphthalene	13.500	128	80470	5.192	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54971	5.513	ug/L	97

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

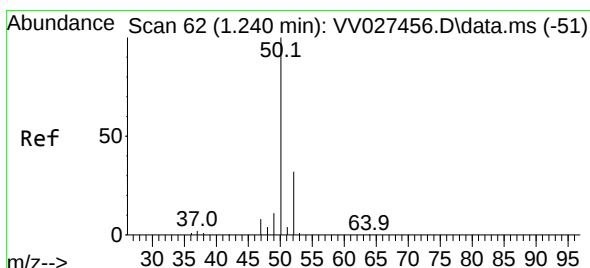
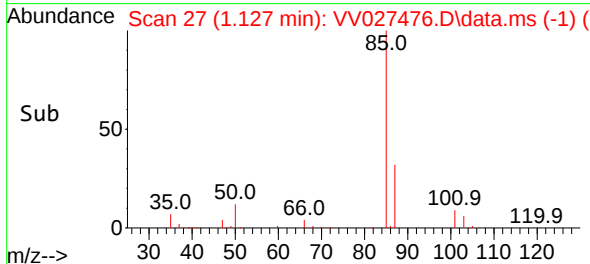
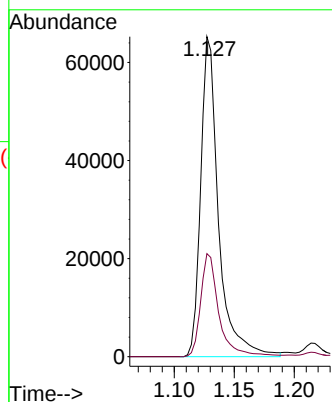


#2
 Dichlorodifluoromethane
 Concen: 5.400 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

Instrument :
 MSVOA_V
 ClientSampleId :

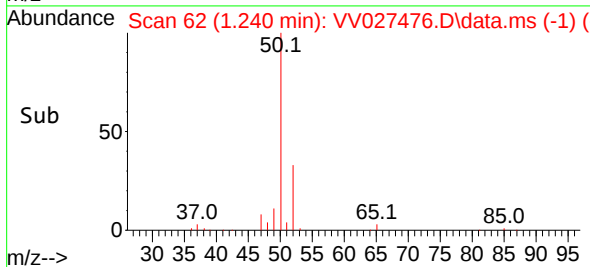
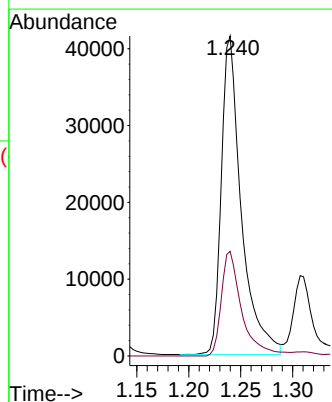
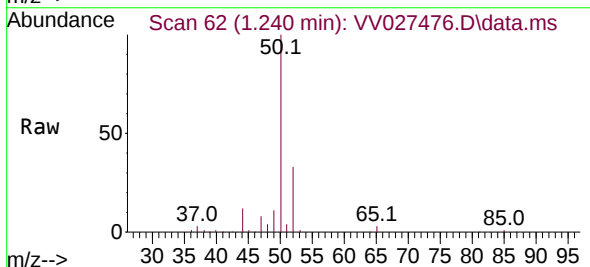


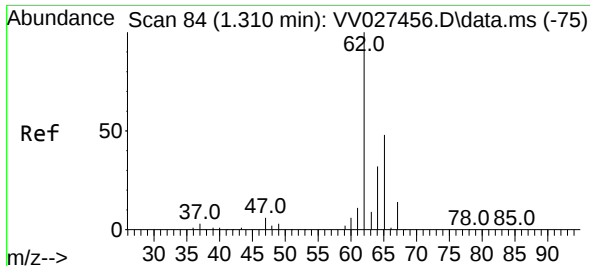
Tgt Ion: 85 Resp: 67610
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.085 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

Tgt Ion: 50 Resp: 55599
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.8 42.4

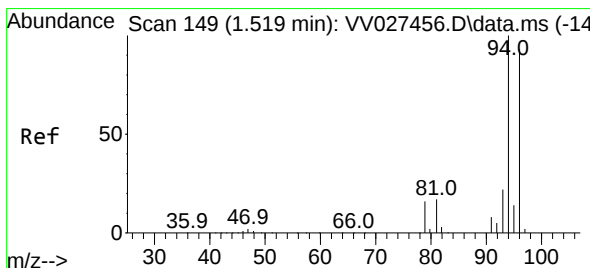
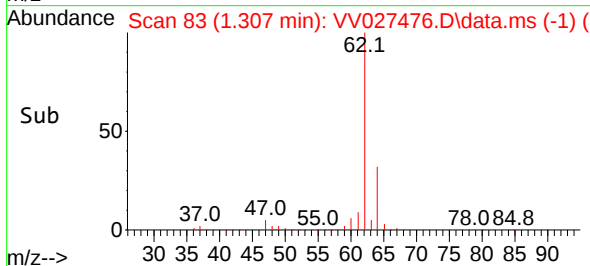
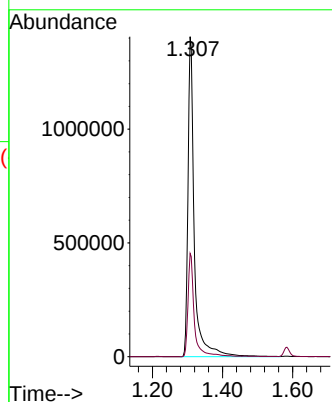
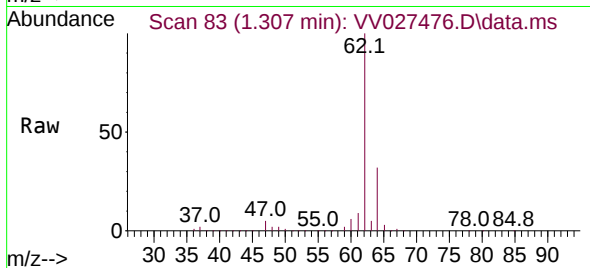




#5
 Vinyl chloride
 Concen: 160.156 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

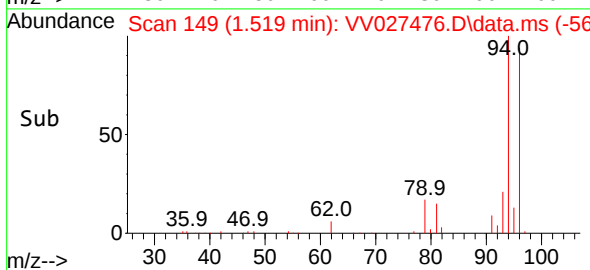
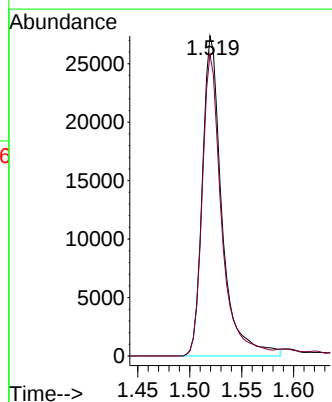
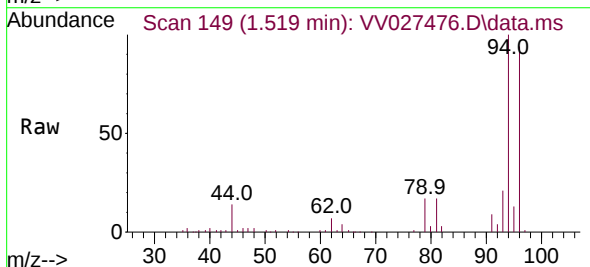
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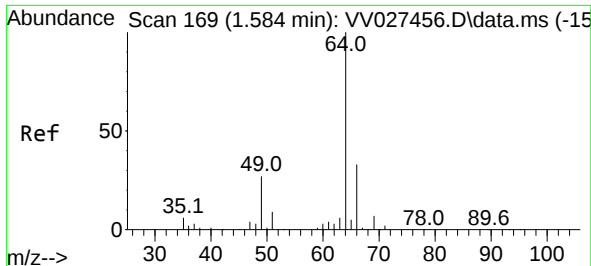
Tgt Ion: 62 Resp: 1762626
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.6 42.0



#6
 Bromomethane
 Concen: 6.579 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

Tgt Ion: 94 Resp: 35805
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.2 121.0

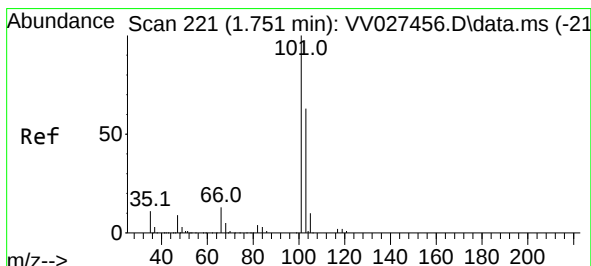
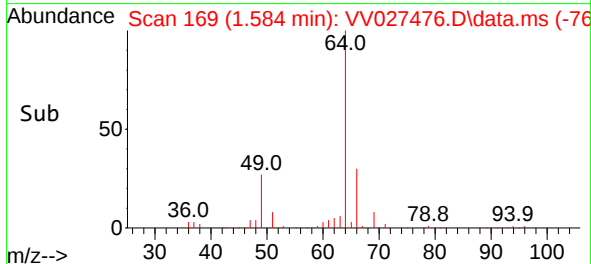
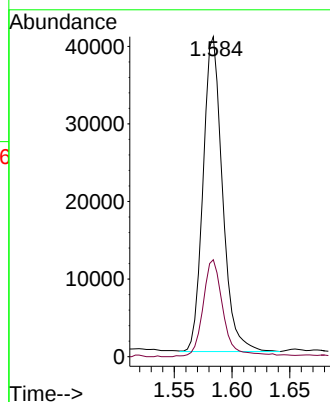
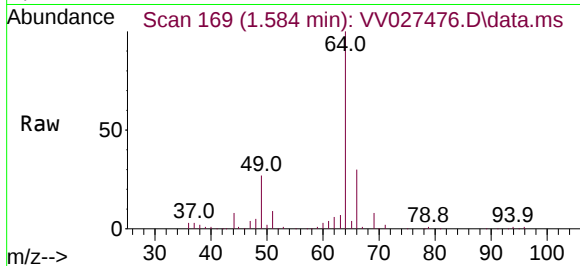




#8
Chloroethane
Concen: 7.384 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

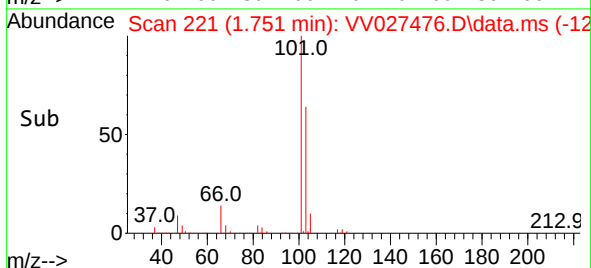
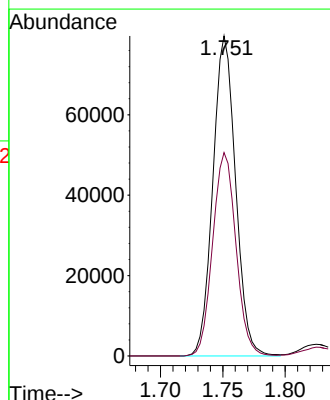
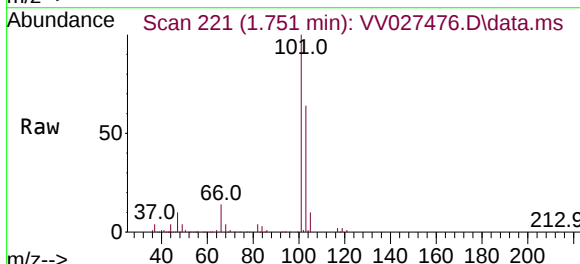
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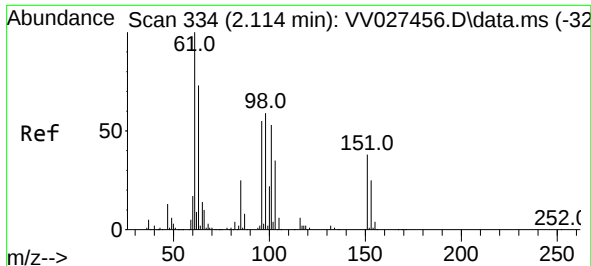
Tgt Ion: 64 Resp: 47494
Ion Ratio Lower Upper
64 100
66 30.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.786 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Tgt Ion:101 Resp: 101171
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

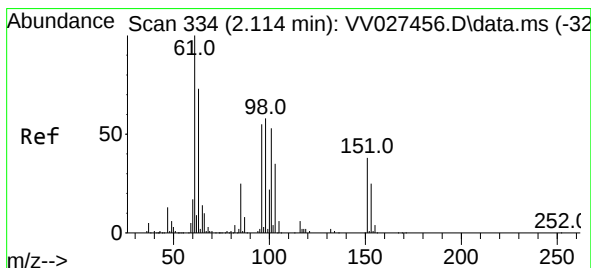
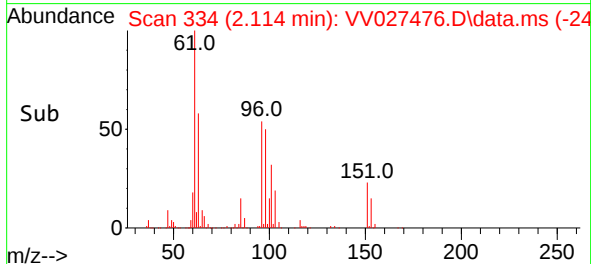
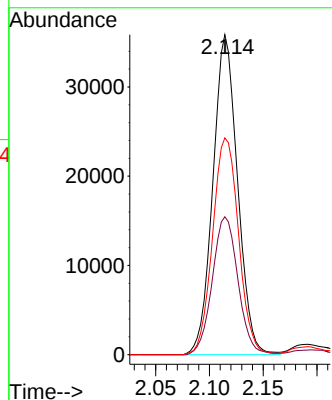
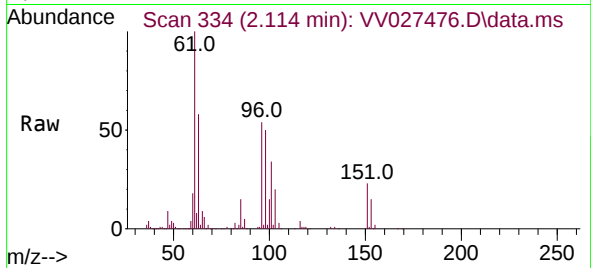




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.798 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

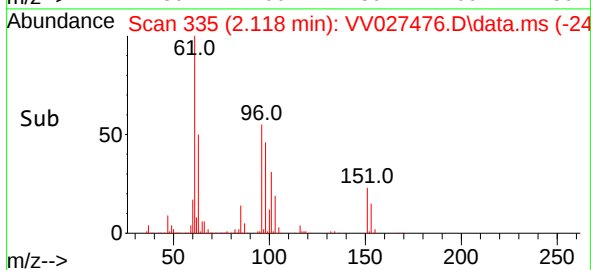
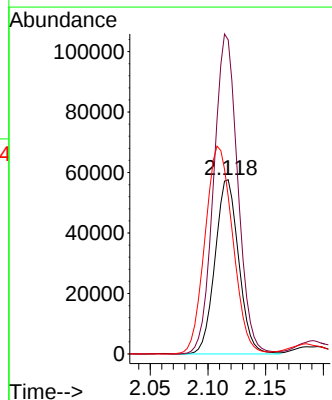
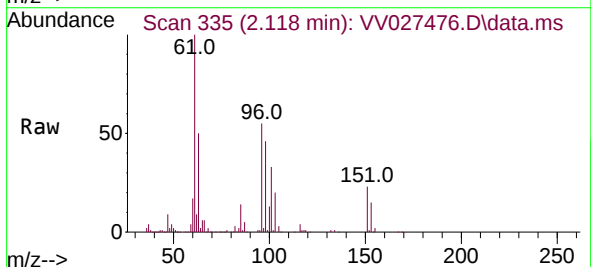
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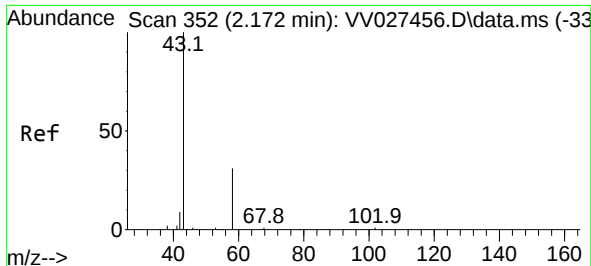
Tgt Ion:	101	Resp:	57232
Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.3	52.9
151	71.3	55.2	82.8



#12
 1,1-Dichloroethene
 Concen: 9.214 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

Tgt Ion:	96	Resp:	82255
Ion	Ratio	Lower	Upper
96	100		
61	180.2	130.2	241.8
63	90.5	87.4	162.4





#13

Acetone

Concen: 45.996 ug/L

RT: 2.185 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV027476.D

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MSVOA_V

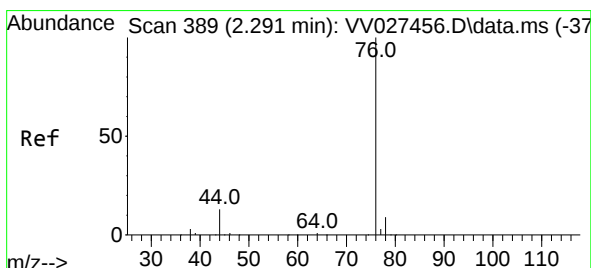
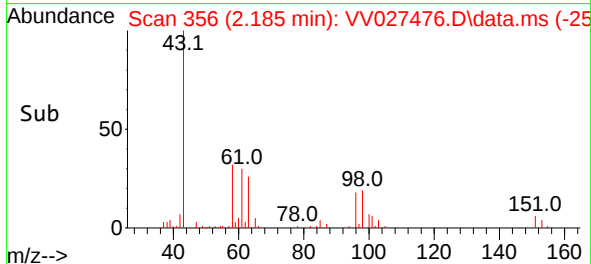
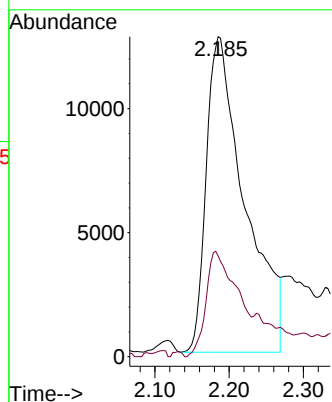
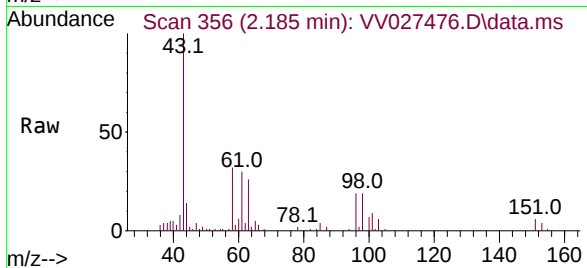
ClientSampleId :

Tgt Ion: 43 Resp: 45905

Ion Ratio Lower Upper

43 100

58 27.0 0.0 62.2



#14

Carbon disulfide

Concen: 5.514 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV027476.D

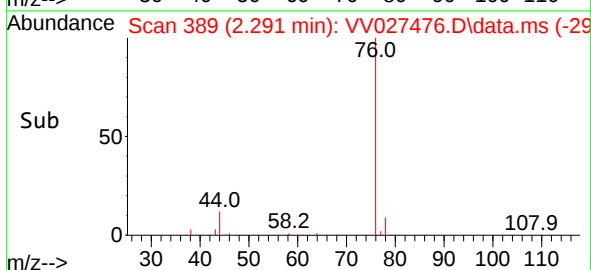
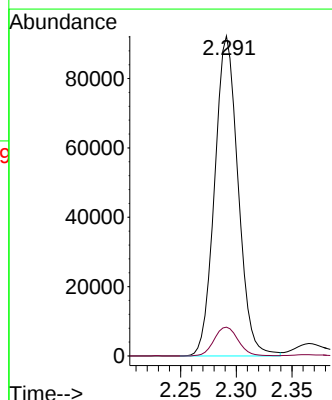
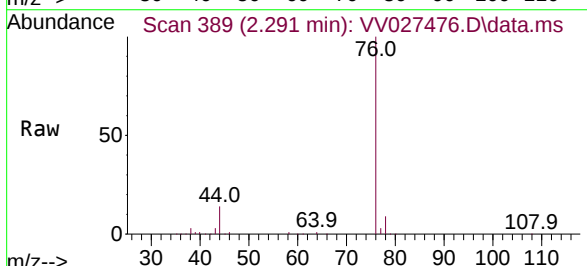
Acq: 22 Aug 2022 18:37

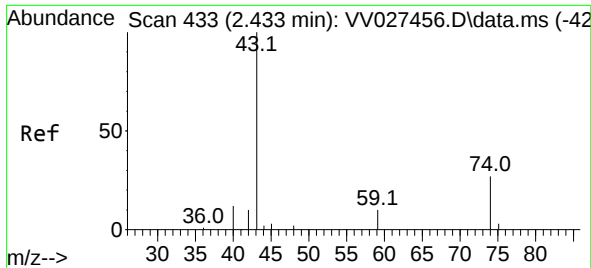
Tgt Ion: 76 Resp: 135108

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

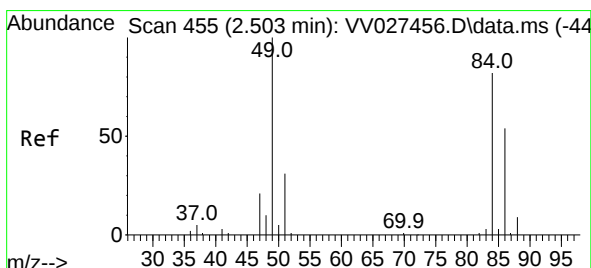
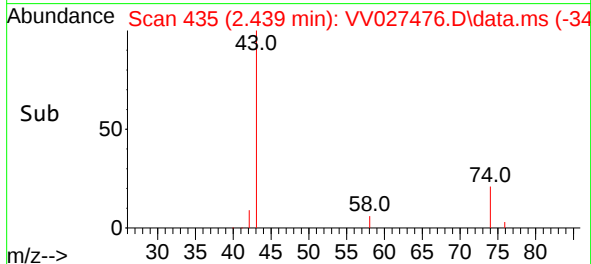
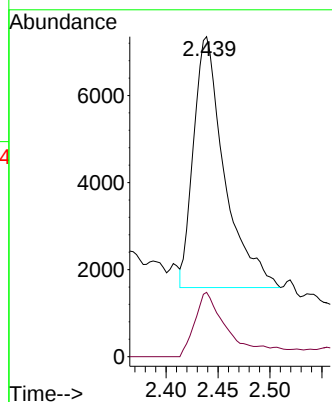
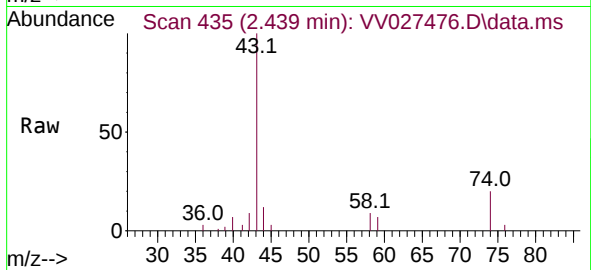




#15
Methyl Acetate
Concen: 4.327 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

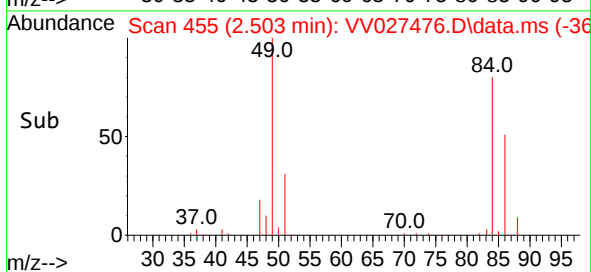
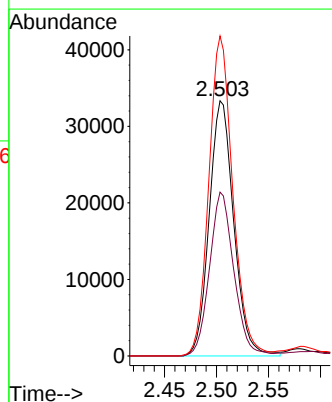
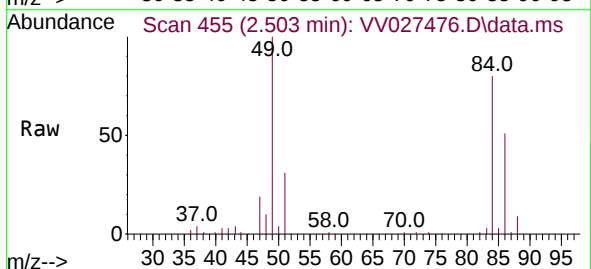
Instrument :
MSVOA_V
ClientSampleId :

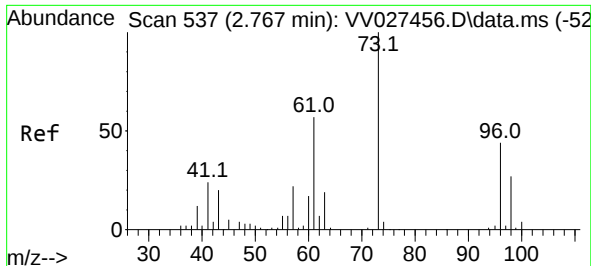
Tgt Ion: 43 Resp: 11958
Ion Ratio Lower Upper
43 100
74 25.1 16.3 24.5#



#16
Methylene chloride
Concen: 4.072 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Tgt Ion: 84 Resp: 54803
Ion Ratio Lower Upper
84 100
86 64.2 44.0 81.6
49 125.4 89.4 166.0

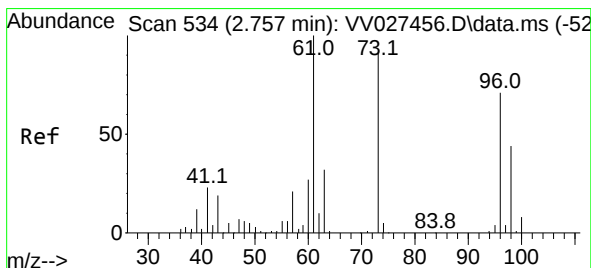
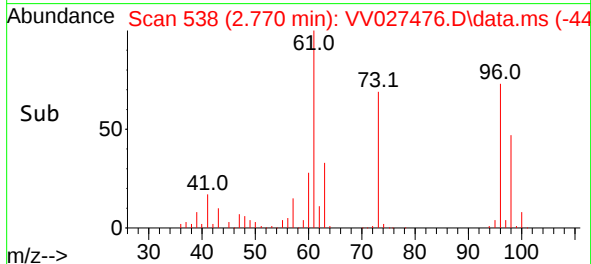
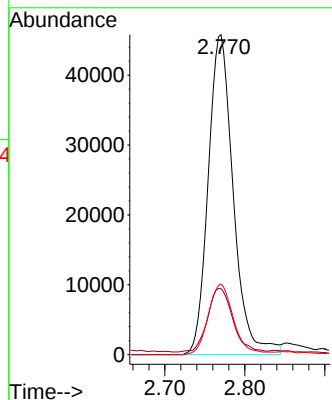
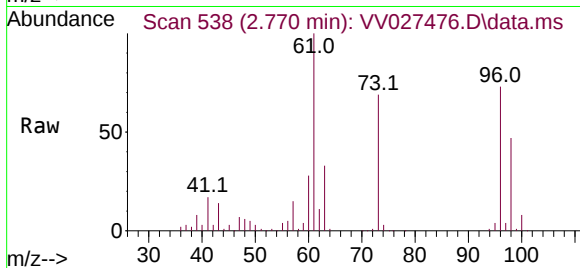




#17
Methyl tert-butyl Ether
Concen: 5.405 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

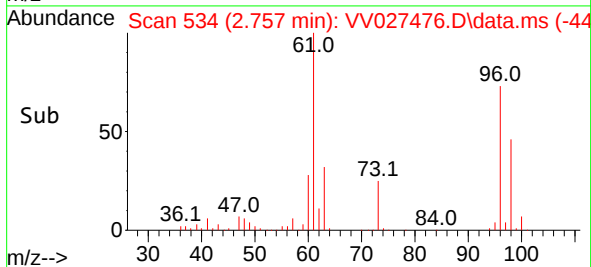
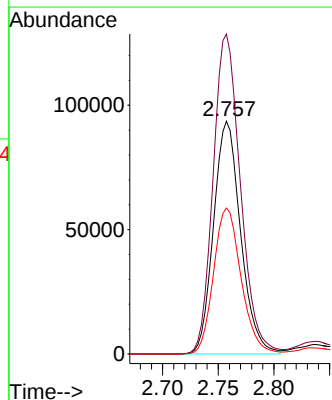
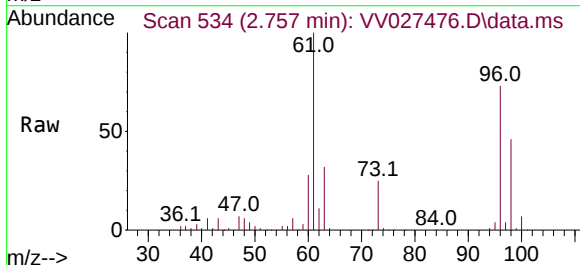
Instrument :
MSVOA_V
ClientSampleId :

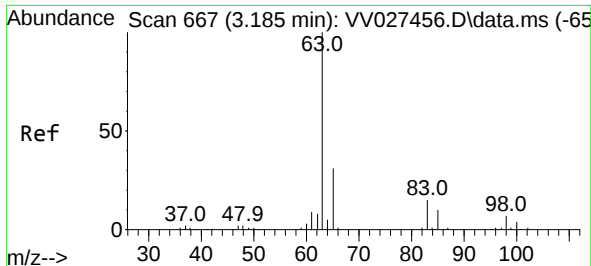
Tgt Ion: 73 Resp: 99830
Ion Ratio Lower Upper
73 100
43 19.8 15.6 23.4
57 22.2 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 17.206 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Tgt Ion: 96 Resp: 158247
Ion Ratio Lower Upper
96 100
61 137.5 97.6 181.4
98 62.7 45.9 85.3





#19

1,1-Dichloroethane

Concen: 6.366 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

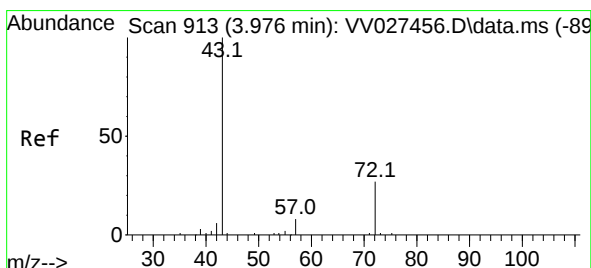
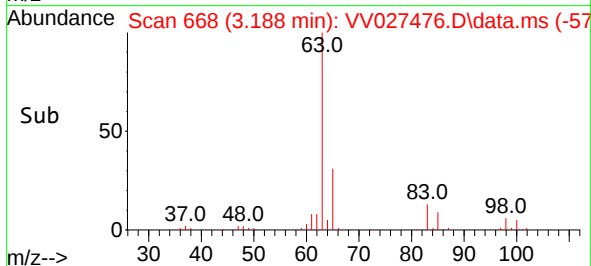
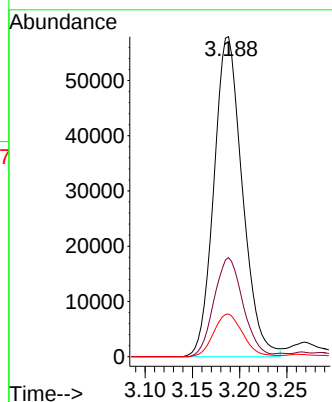
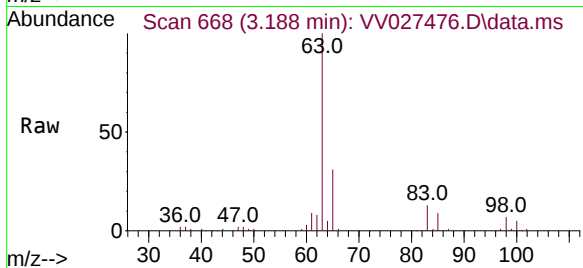
Tgt Ion: 63 Resp: 121199

Ion Ratio Lower Upper

63 100

65 30.9 22.1 41.1

83 13.4 9.6 17.8



#21

2-Butanone

Concen: 47.034 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.006 min

Lab File: VV027476.D

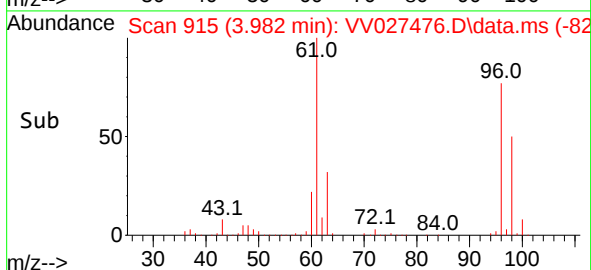
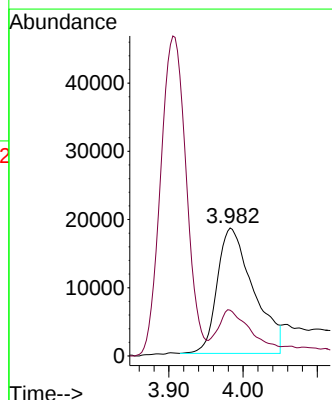
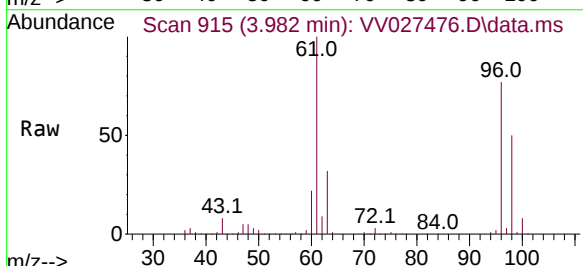
Acq: 22 Aug 2022 18:37

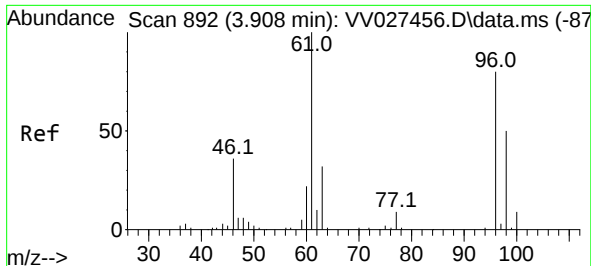
Tgt Ion: 43 Resp: 62470

Ion Ratio Lower Upper

43 100

72 25.7 12.0 36.1

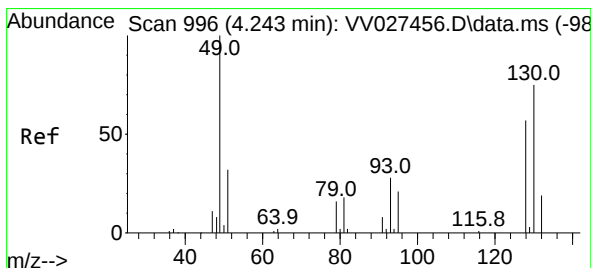
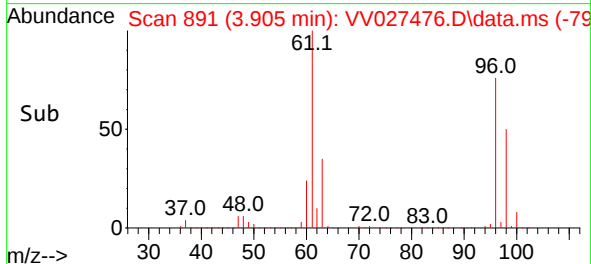
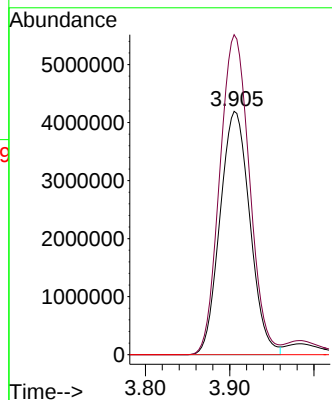
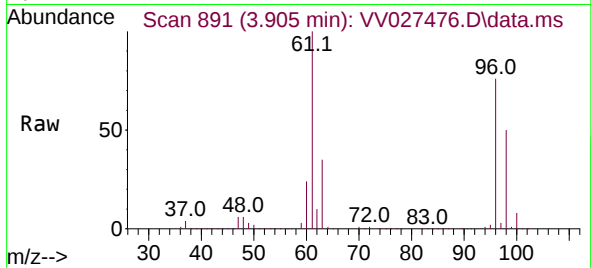




#22
 cis-1,2-Dichloroethene
 Concen: 1054.725 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

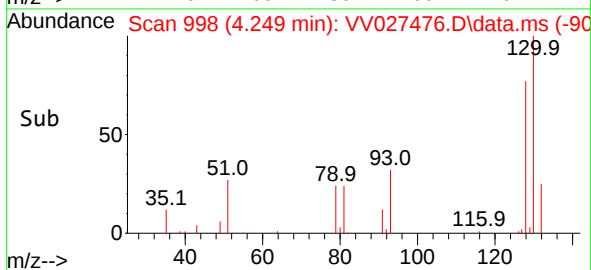
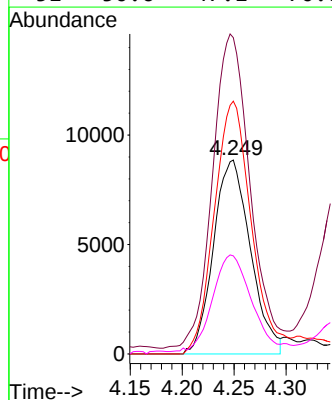
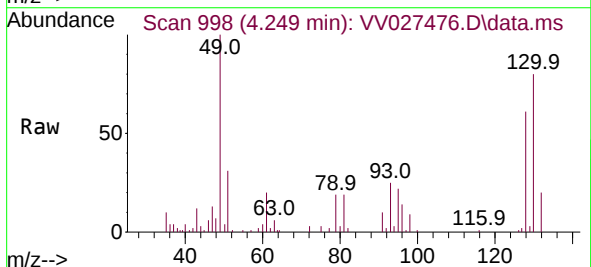
Instrument :
 MSVOA_V
 ClientSampleId :

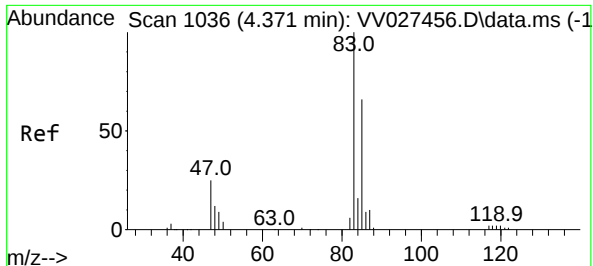
Tgt Ion: 96 Resp:10337744
 Ion Ratio Lower Upper
 96 100
 61 131.5 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.073 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

Tgt Ion:128 Resp: 21927
 Ion Ratio Lower Upper
 128 100
 49 163.1 127.5 236.7
 130 130.4 97.0 180.2
 51 50.6 47.1 70.7

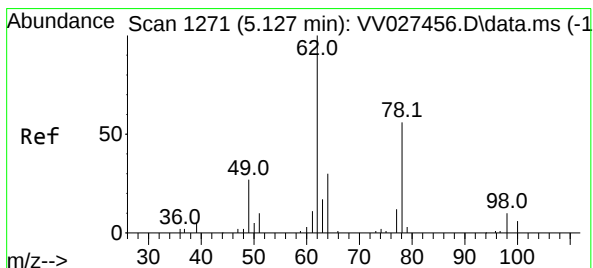
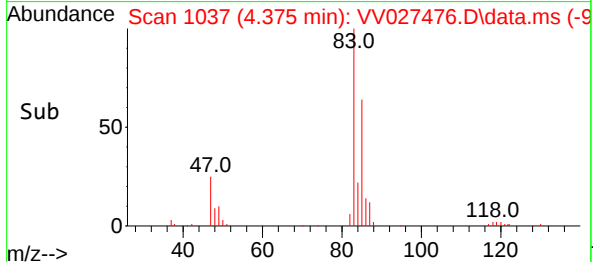
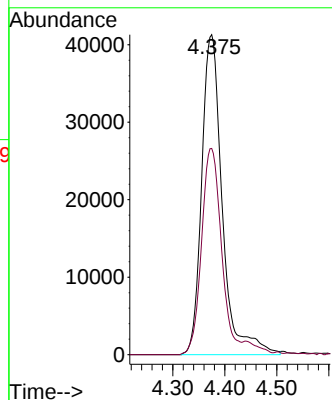
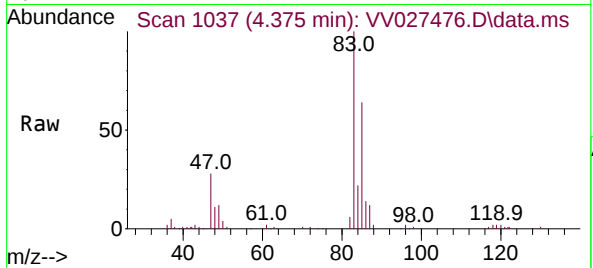




#25
Chloroform
Concen: 5.492 ug/L
RT: 4.375 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

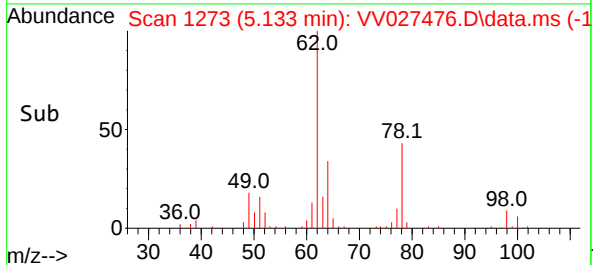
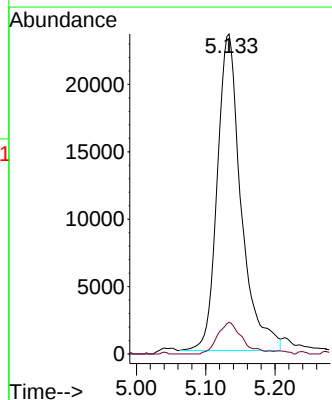
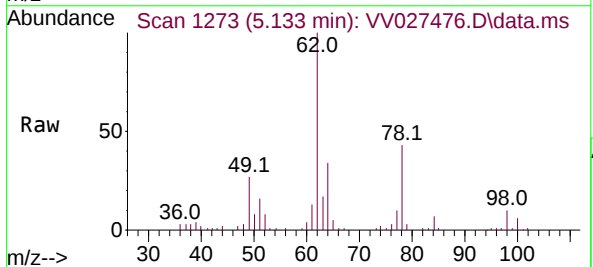
Instrument :
MSVOA_V
ClientSampleId :

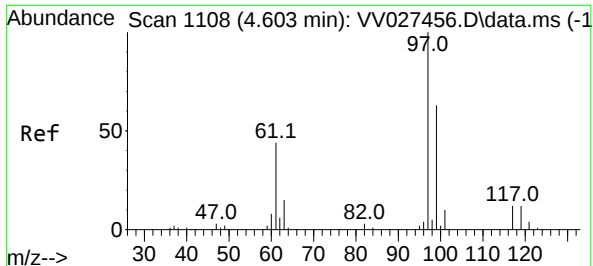
Tgt Ion: 83 Resp: 113698
Ion Ratio Lower Upper
83 100
85 64.5 43.3 80.5



#27
1,2-Dichloroethane
Concen: 5.342 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Tgt Ion: 62 Resp: 56192
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.896 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

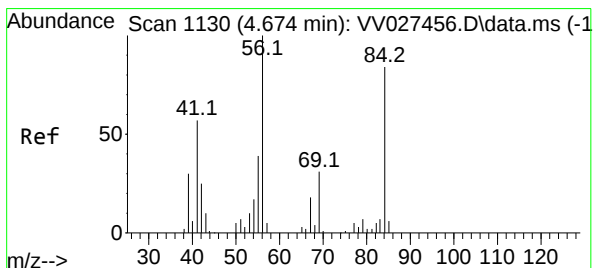
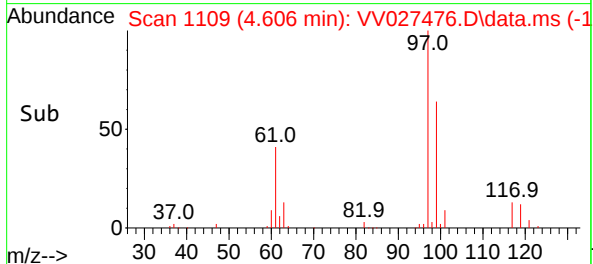
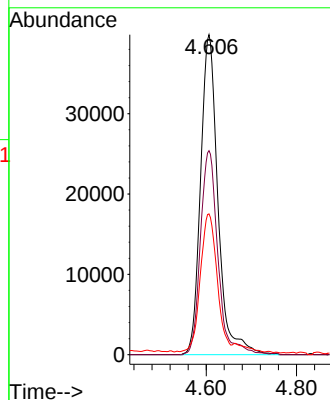
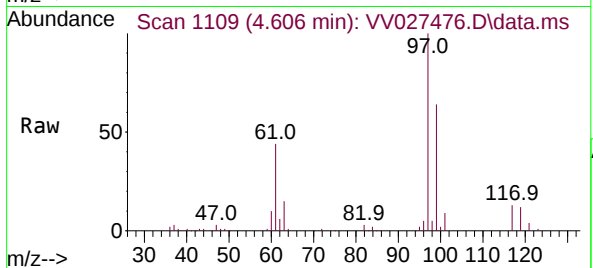
Tgt Ion: 97 Resp: 106485

Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 41.0 35.9 53.9



#30

Cyclohexane

Concen: 5.113 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

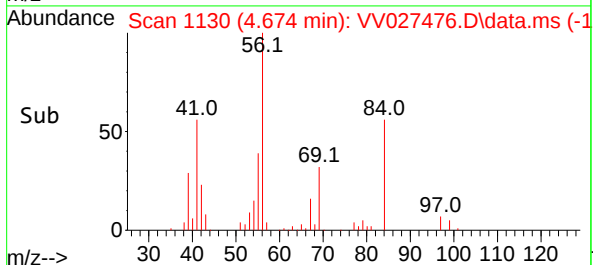
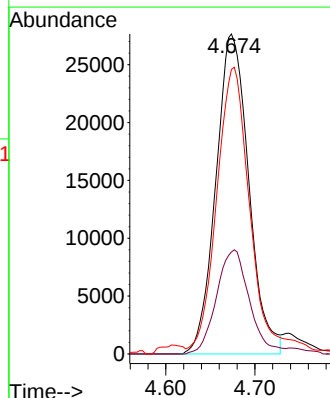
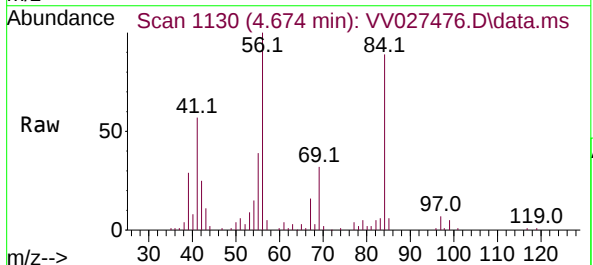
Tgt Ion: 56 Resp: 70885

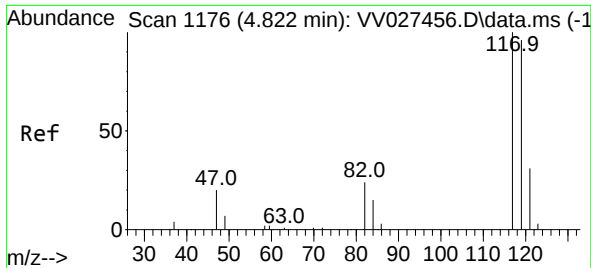
Ion Ratio Lower Upper

56 100

69 32.6 25.4 38.0

84 90.1 69.7 104.5

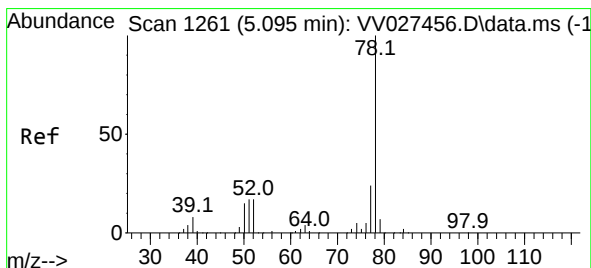
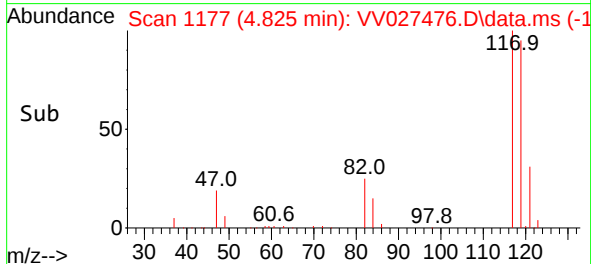
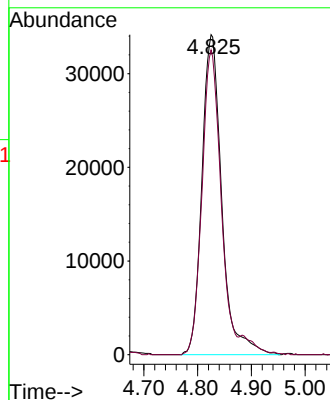
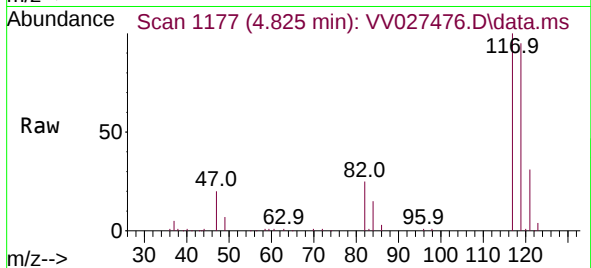




#31
Carbon tetrachloride
Concen: 5.567 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

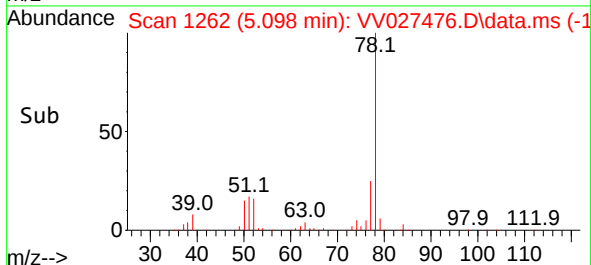
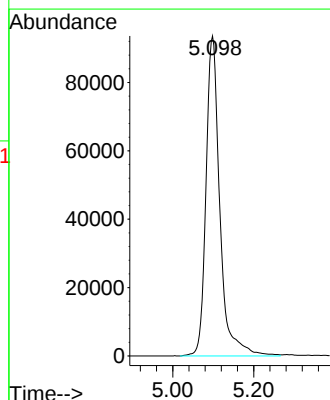
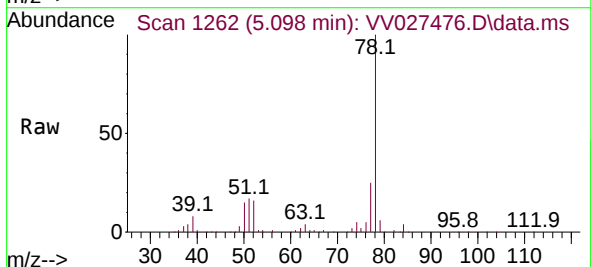
Instrument :
MSVOA_V
ClientSampleId :

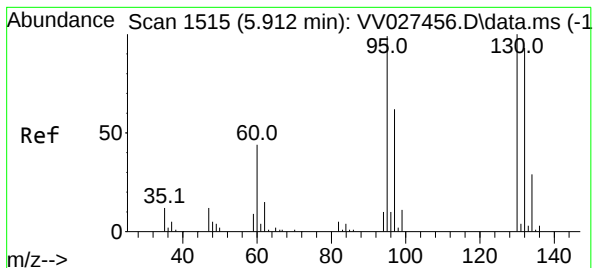
Tgt Ion:117 Resp: 87435
Ion Ratio Lower Upper
117 100
119 90.2 76.1 114.1



#33
Benzene
Concen: 5.676 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Tgt Ion: 78 Resp: 222078





#34

Trichloroethene

Concen: 559.026 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 5755571

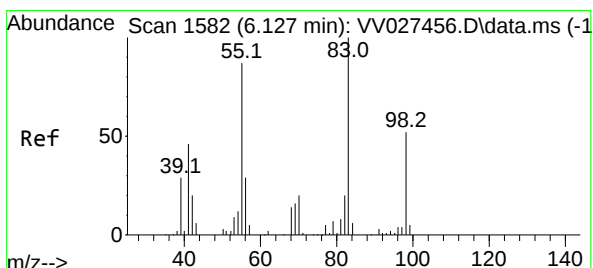
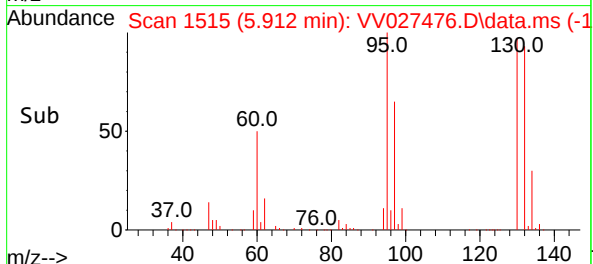
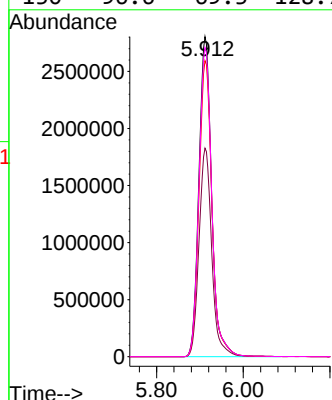
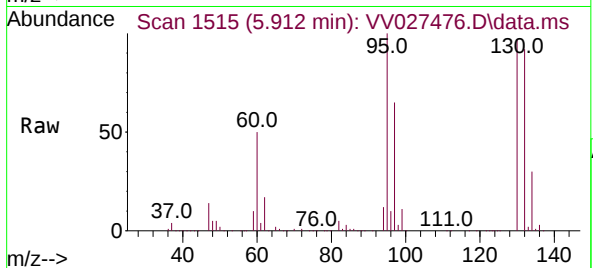
Ion Ratio Lower Upper

95 100

97 65.1 45.0 83.6

132 92.5 65.7 121.9

130 96.6 69.3 128.7



#35

Methylcyclohexane

Concen: 5.889 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

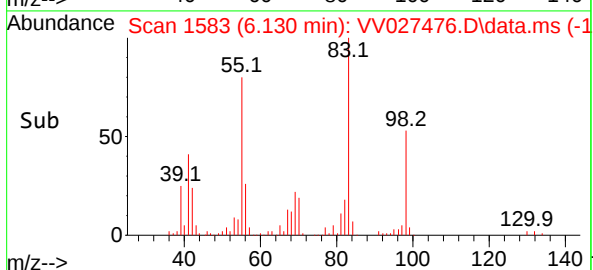
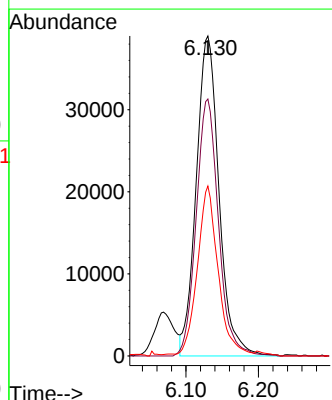
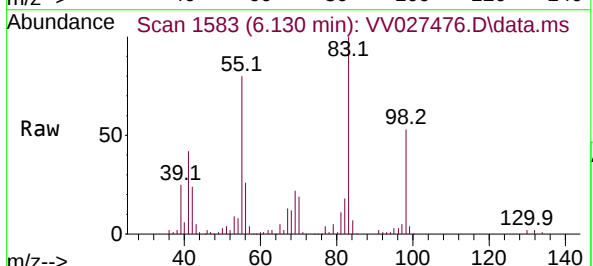
Tgt Ion: 83 Resp: 85280

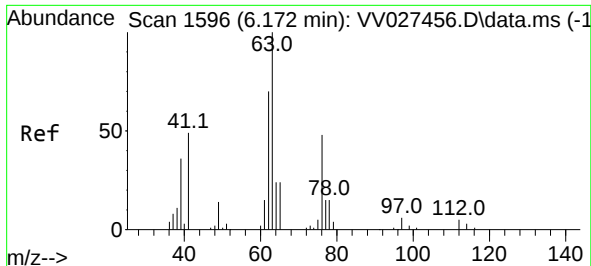
Ion Ratio Lower Upper

83 100

55 78.5 68.2 102.4

98 47.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.349 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

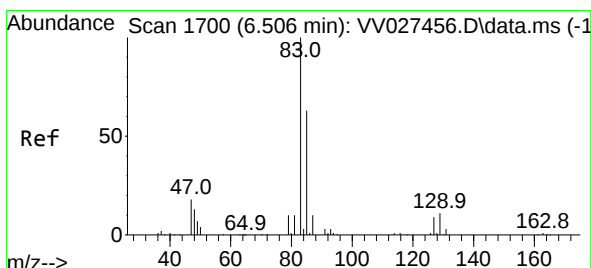
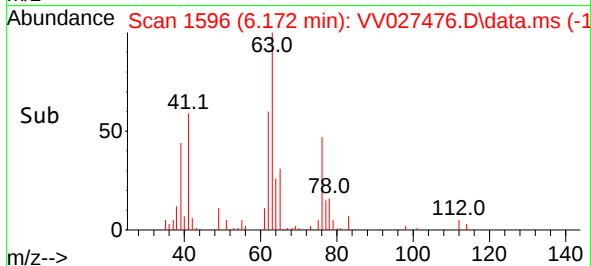
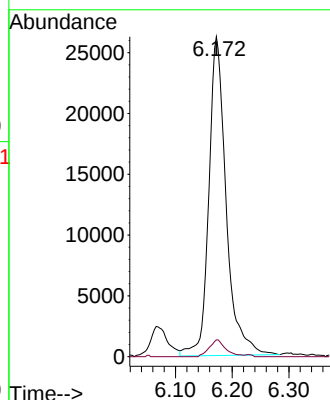
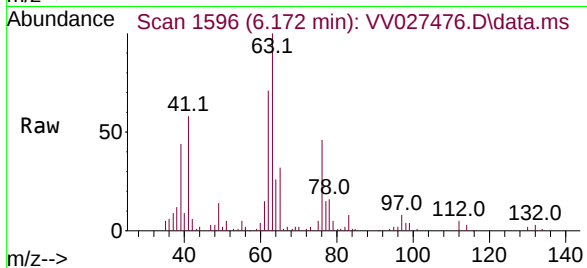
ClientSampleId :

Tgt Ion: 63 Resp: 55789

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 5.685 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

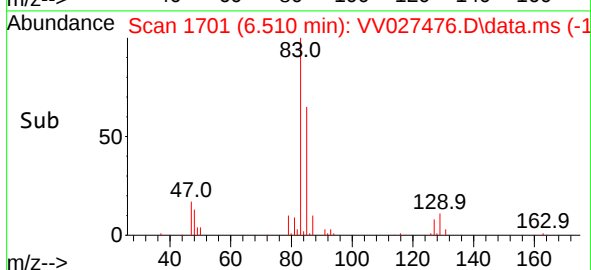
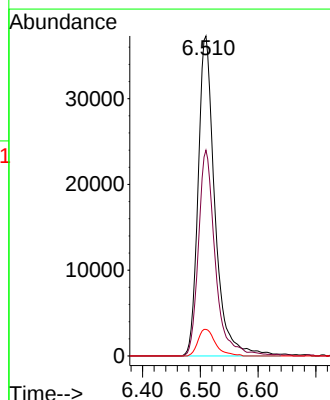
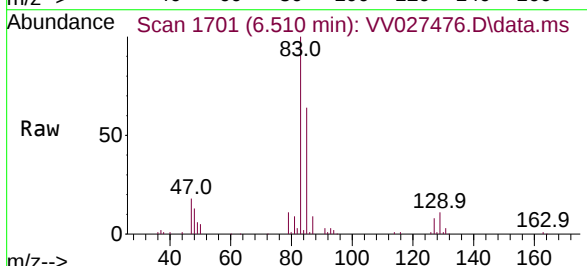
Tgt Ion: 83 Resp: 75186

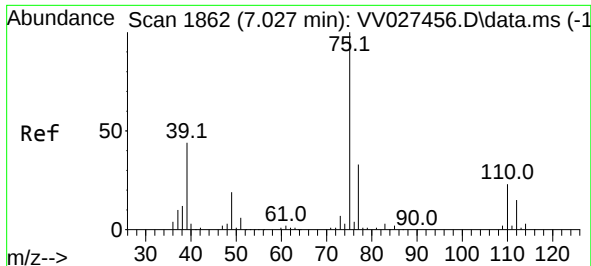
Ion Ratio Lower Upper

83 100

85 64.3 45.3 84.1

127 8.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.137 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

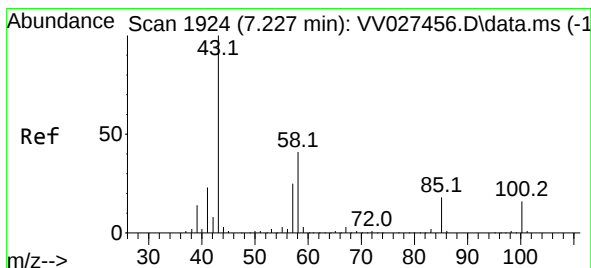
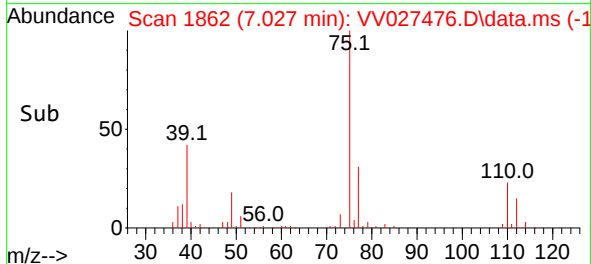
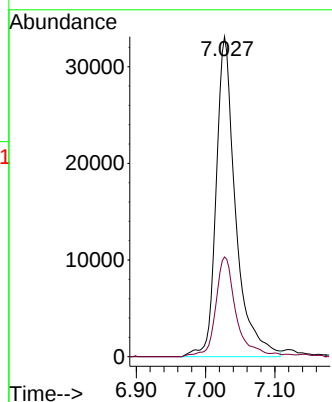
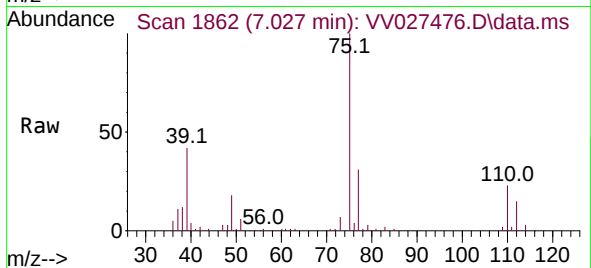
ClientSampleId :

Tgt Ion: 75 Resp: 64601

Ion Ratio Lower Upper

75 100

77 31.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 55.037 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

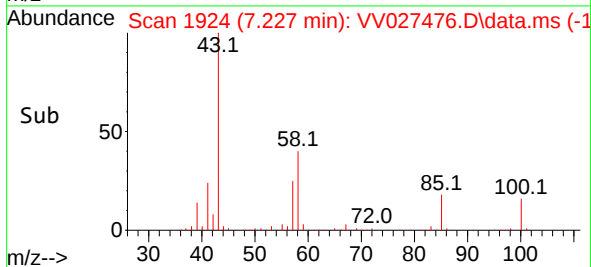
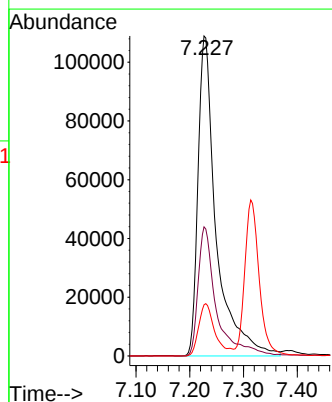
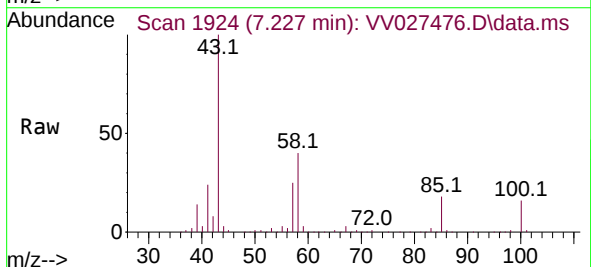
Tgt Ion: 43 Resp: 256489

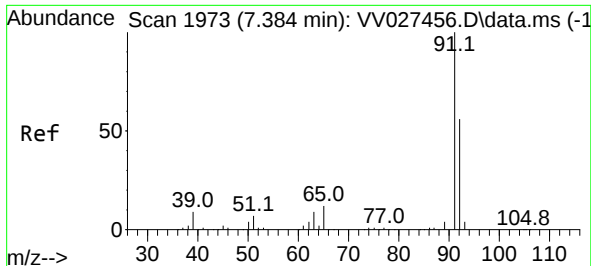
Ion Ratio Lower Upper

43 100

58 40.2 30.6 45.8

100 14.8 11.0 16.4

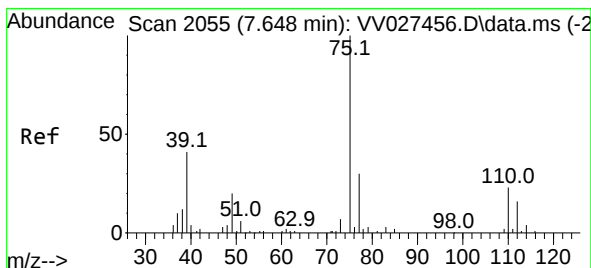
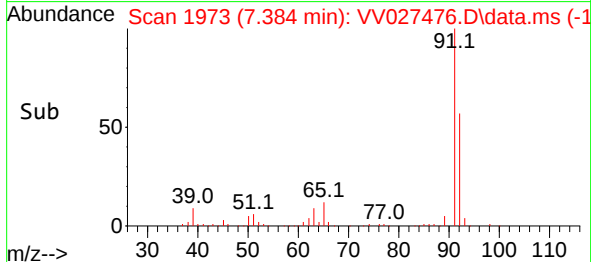
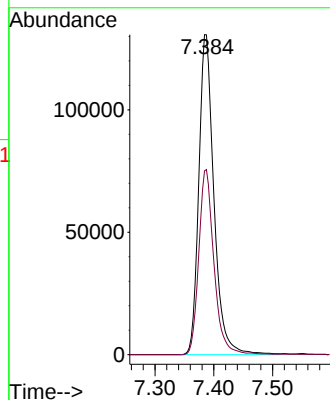
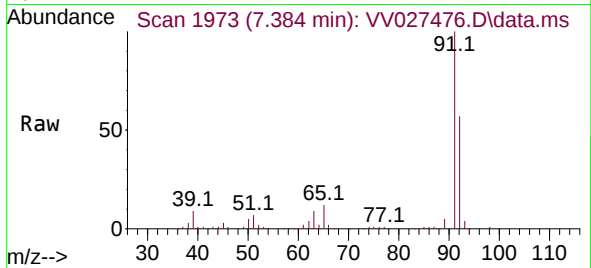




#42
Toluene
Concen: 5.793 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

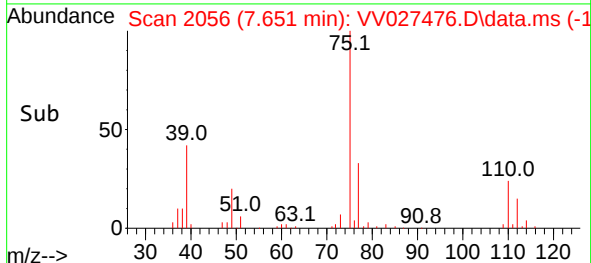
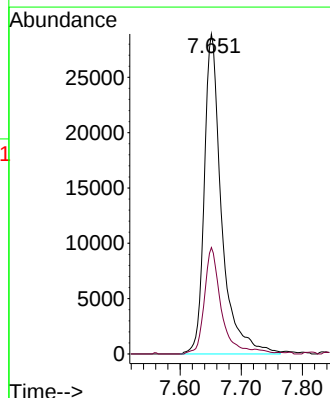
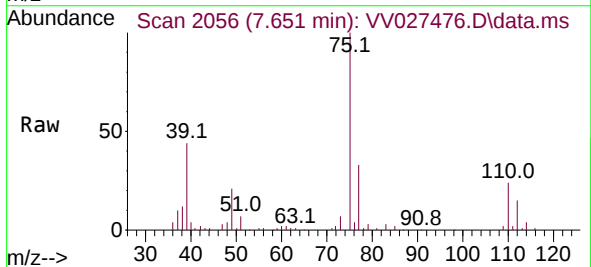
Instrument :
MSVOA_V
ClientSampleId :

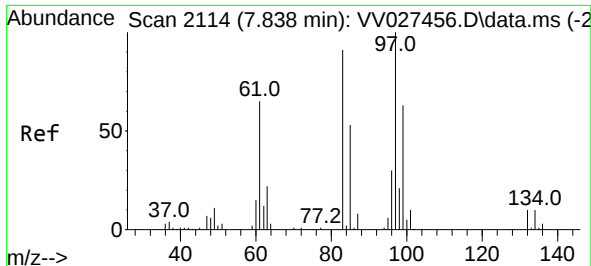
Tgt Ion: 91 Resp: 233952
Ion Ratio Lower Upper
91 100
92 57.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.358 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

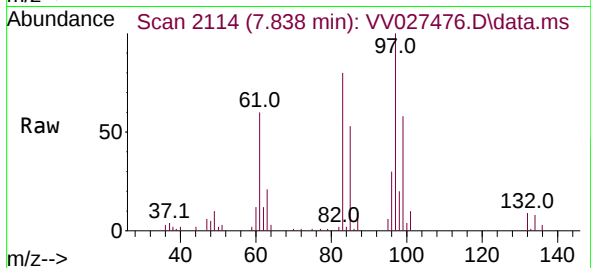
Tgt Ion: 75 Resp: 56969
Ion Ratio Lower Upper
75 100
77 33.2 22.3 41.5



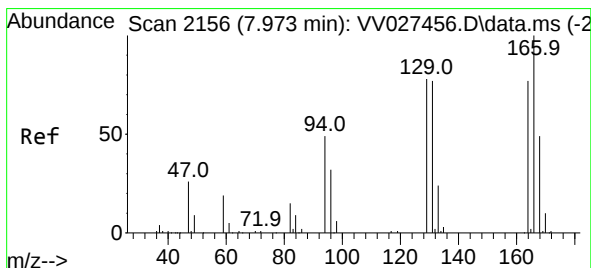
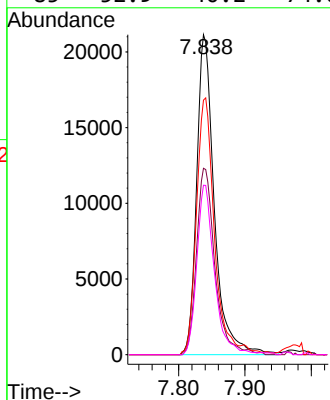
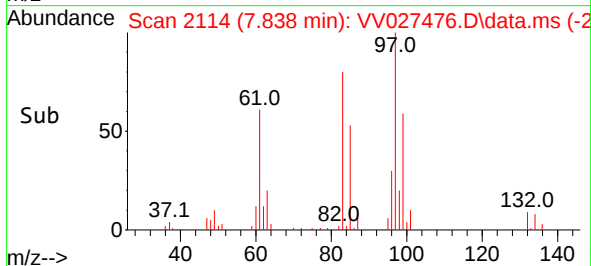


#45
1,1,2-Trichloroethane
Concen: 5.868 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

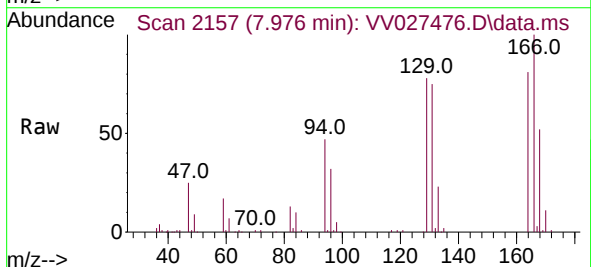
Instrument :
MSVOA_V
ClientSampleId :



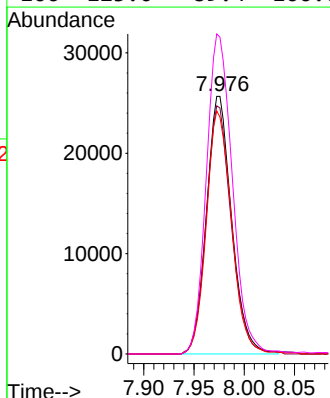
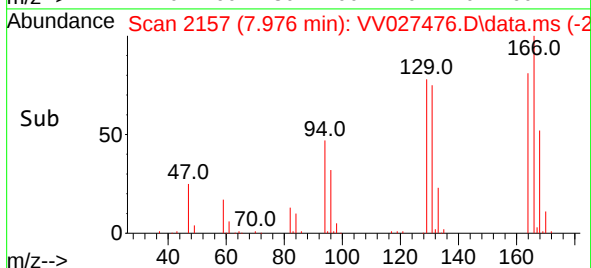
Tgt Ion:	97	Resp:	39126
Ion	Ratio	Lower	Upper
97	100		
99	58.3	46.1	85.7
83	79.6	63.0	117.0
85	52.9	40.2	74.6

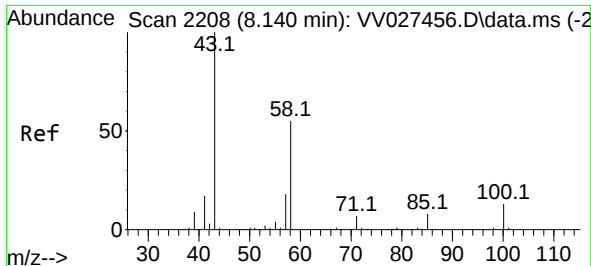


#47
Tetrachloroethene
Concen: 5.578 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37



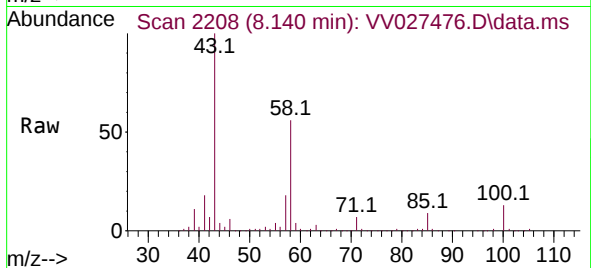
Tgt Ion:	164	Resp:	44737
Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.1	132.1
131	91.9	64.5	119.9
166	123.0	89.4	166.0



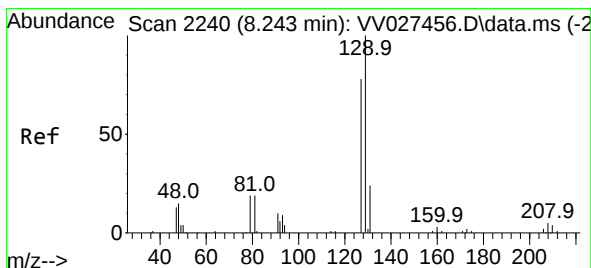
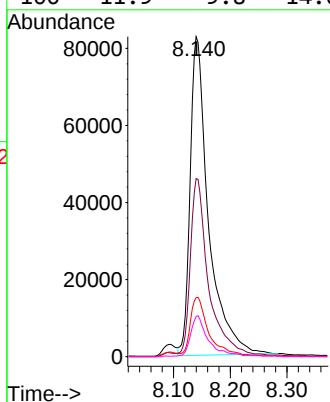
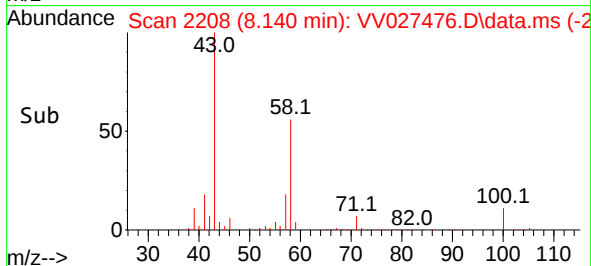


#48
2-Hexanone
Concen: 55.530 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :

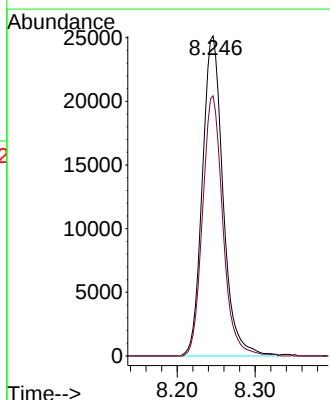
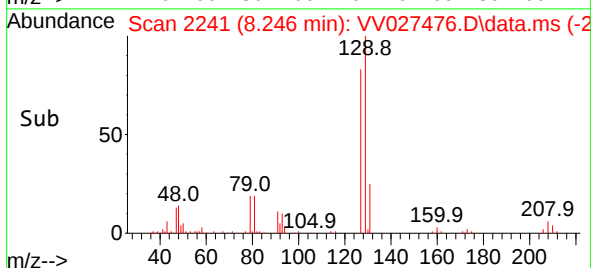
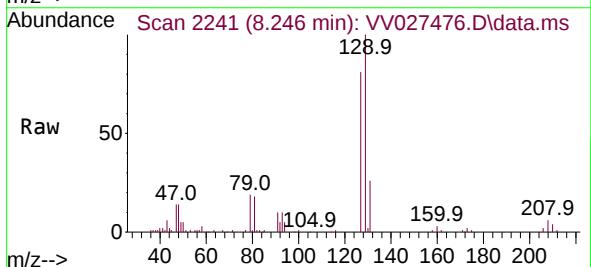


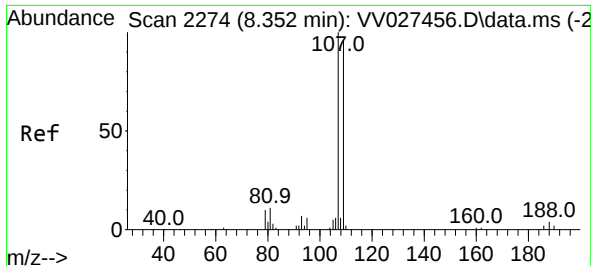
Tgt Ion: 43 Resp: 186472
Ion Ratio Lower Upper
43 100
58 54.7 41.3 61.9
57 18.6 14.9 22.3
100 11.9 9.8 14.6



#49
Dibromochloromethane
Concen: 5.648 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Tgt Ion: 129 Resp: 46315
Ion Ratio Lower Upper
129 100
127 81.3 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.763 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027476.D

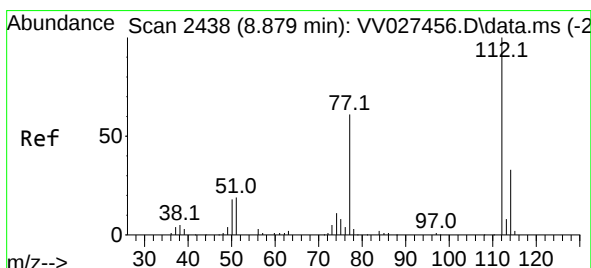
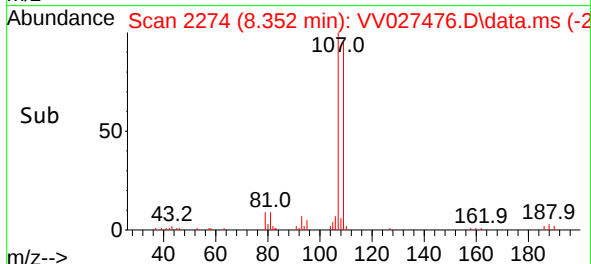
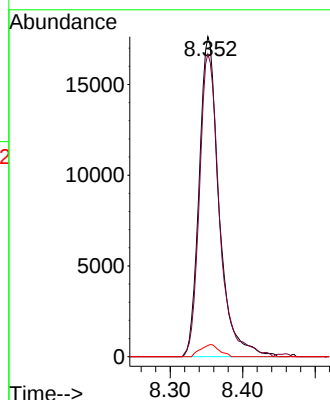
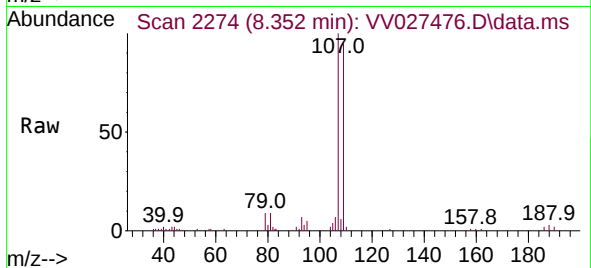
Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	33542
Ion	Ratio	Lower	Upper
107	100		
109	94.6	67.8	125.8
188	3.5	3.5	5.3#



#51

Chlorobenzene

Concen: 5.482 ug/L

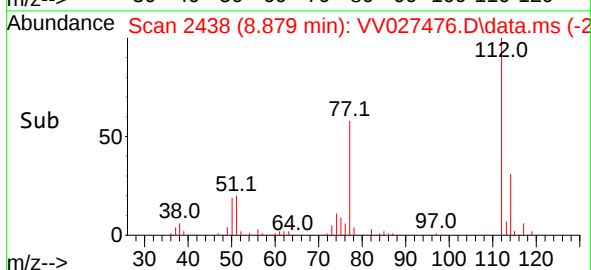
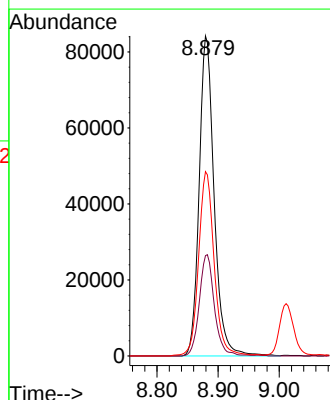
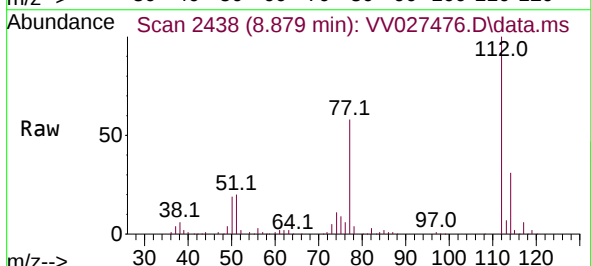
RT: 8.879 min Scan# 2438

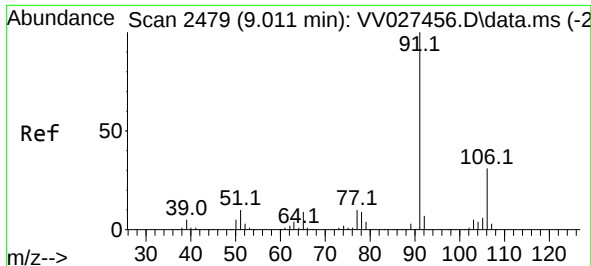
Delta R.T. -0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Tgt Ion:	112	Resp:	143283
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.7	42.1
77	57.6	46.2	69.4





#52

Ethylbenzene

Concen: 5.418 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

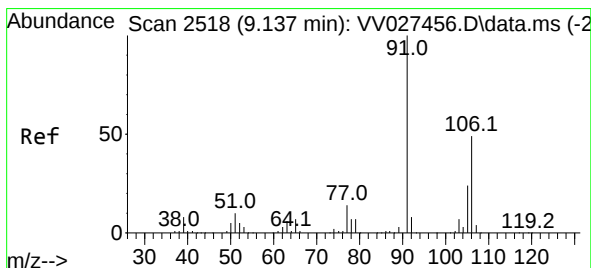
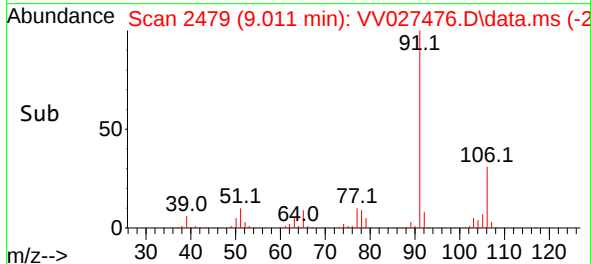
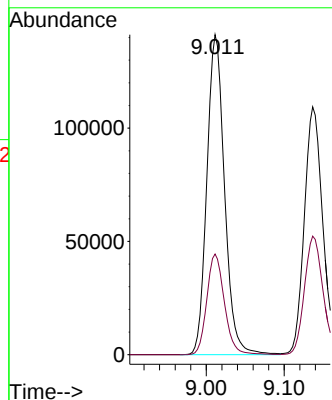
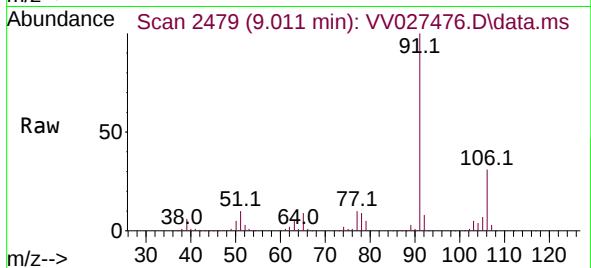
ClientSampleId :

Tgt Ion: 91 Resp: 223332

Ion Ratio Lower Upper

91 100

106 31.4 21.4 39.8



#53

m,p-Xylene

Concen: 5.524 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027476.D

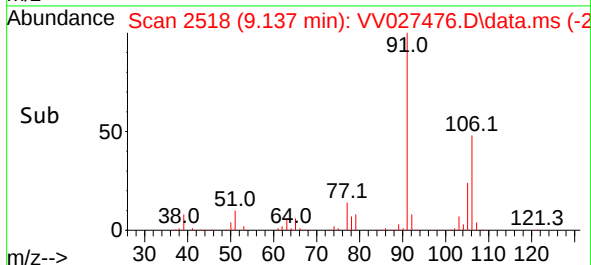
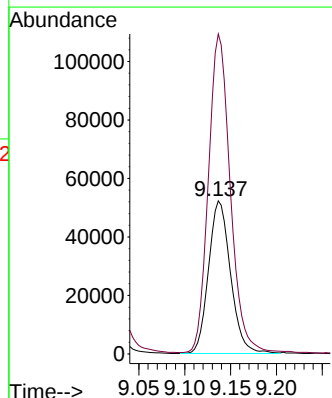
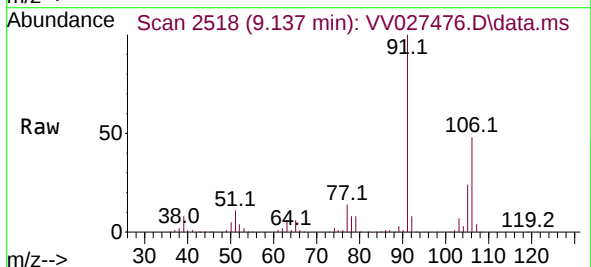
Acq: 22 Aug 2022 18:37

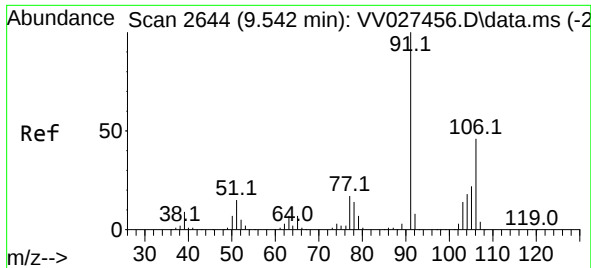
Tgt Ion: 106 Resp: 87136

Ion Ratio Lower Upper

106 100

91 209.0 143.8 267.0

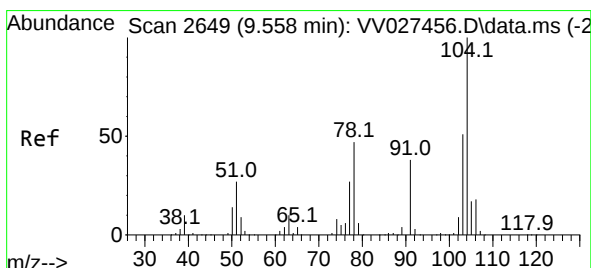
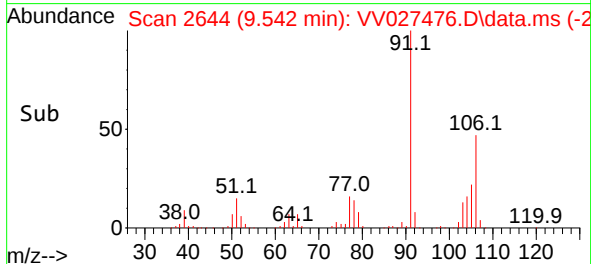
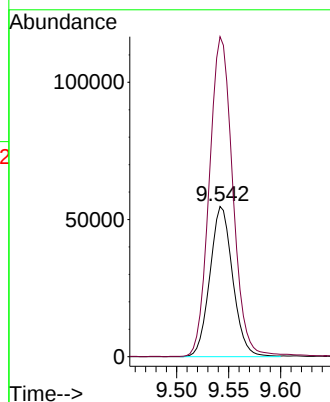
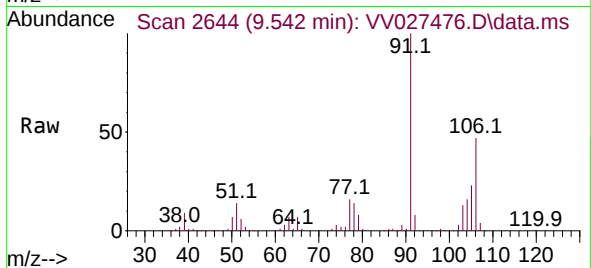




#54
o-Xylene
Concen: 5.464 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

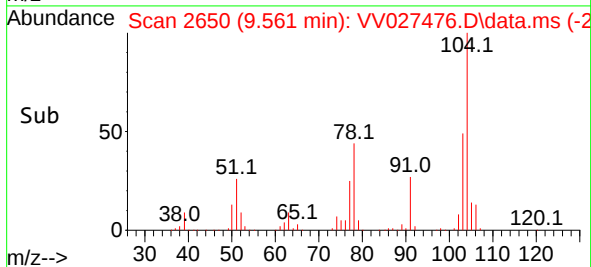
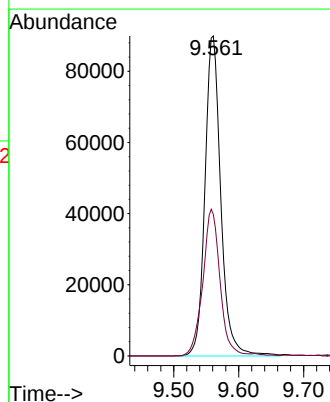
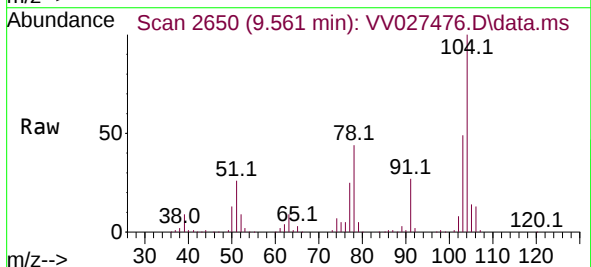
Instrument :
MSVOA_V
ClientSampleId :

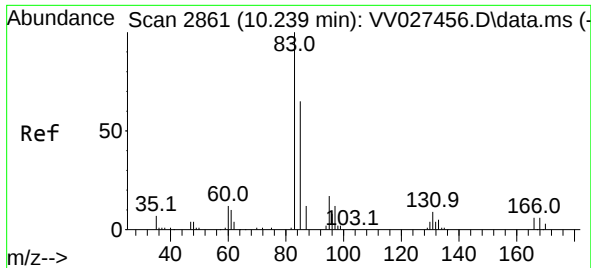
Tgt Ion:106 Resp: 83607
Ion Ratio Lower Upper
106 100
91 212.9 151.6 281.6



#55
Styrene
Concen: 5.881 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Tgt Ion:104 Resp: 153094
Ion Ratio Lower Upper
104 100
78 44.3 32.0 59.4

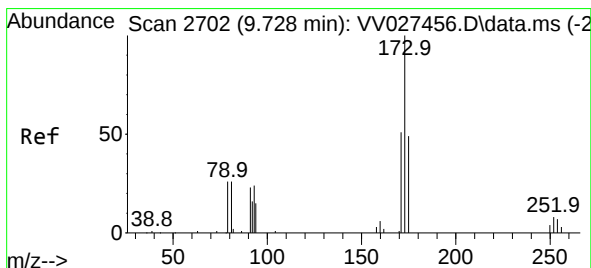
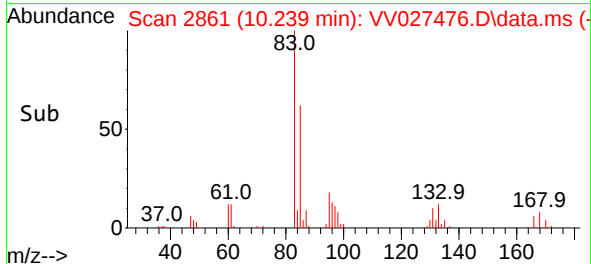
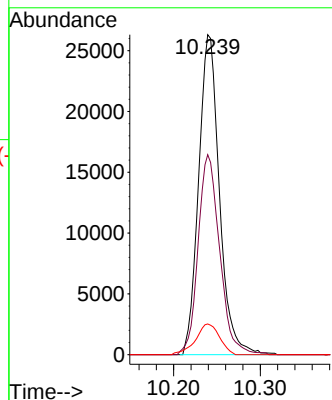
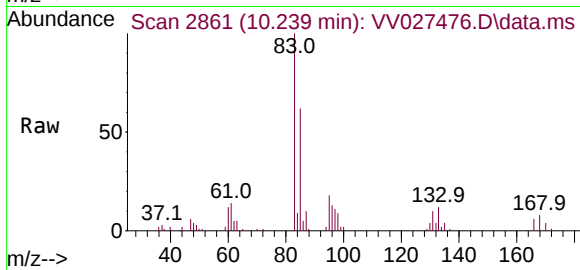




#57
1,1,2,2-Tetrachloroethane
Concen: 5.851 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

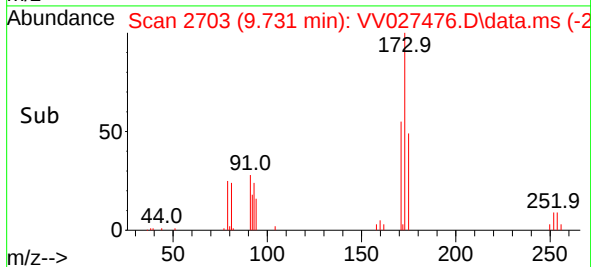
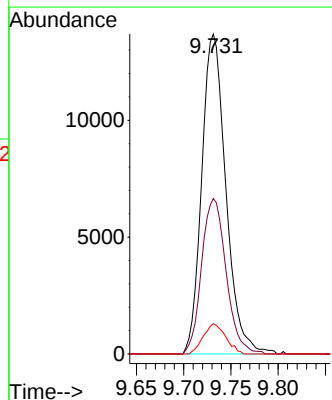
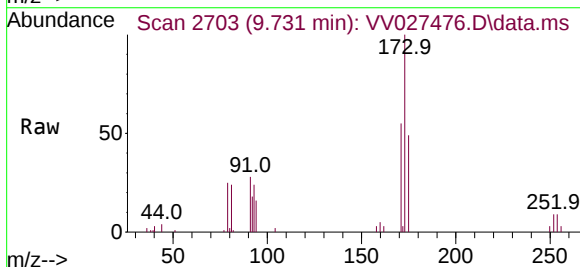
Instrument :
MSVOA_V
ClientSampleId :

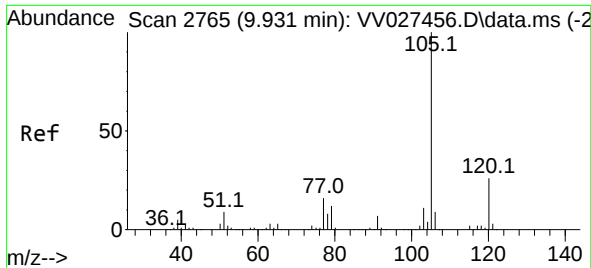
Tgt Ion: 83 Resp: 43945
Ion Ratio Lower Upper
83 100
85 62.5 44.1 81.9
131 9.6 7.3 10.9



#59
Bromoform
Concen: 5.683 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Tgt Ion: 173 Resp: 24315
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
254 8.8 7.1 10.7

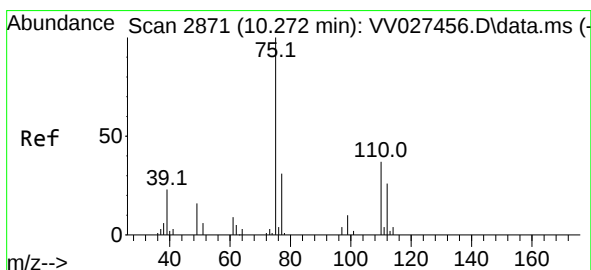
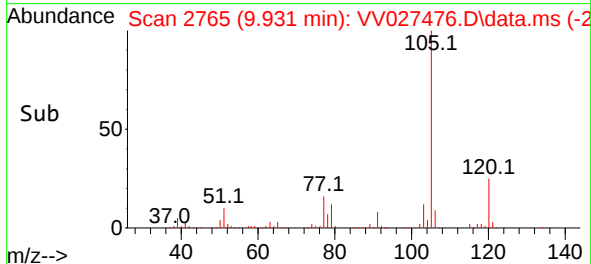
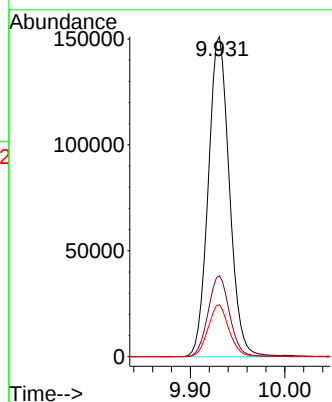
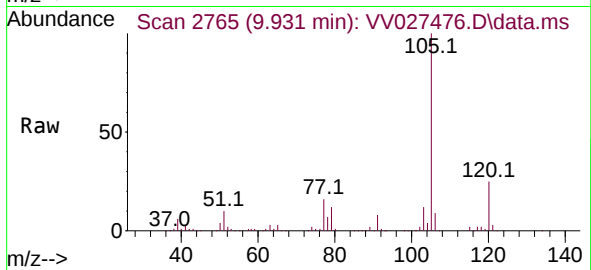




#60
Isopropylbenzene
Concen: 5.579 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

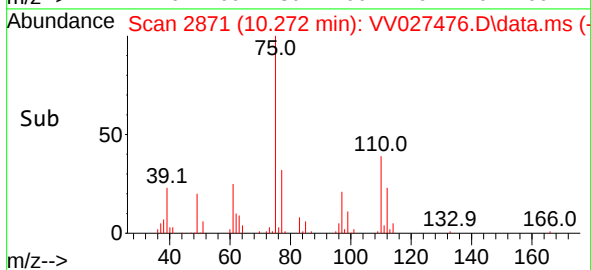
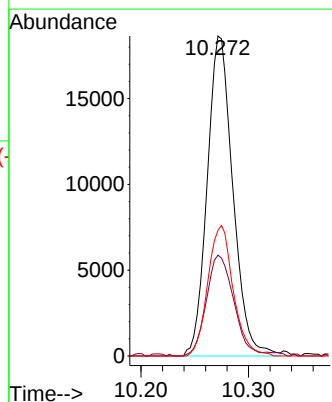
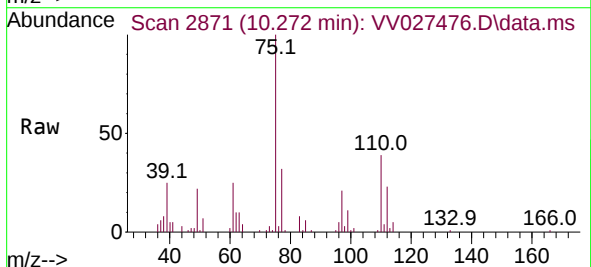
Instrument :
MSVOA_V
ClientSampleId :

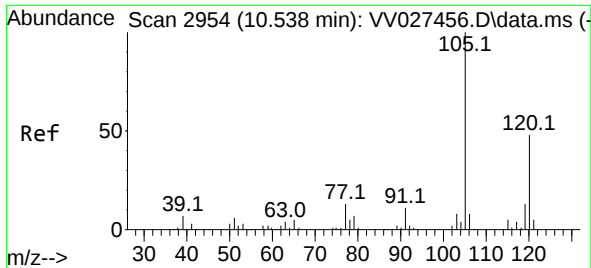
Tgt Ion:105 Resp: 234361
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 15.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.525 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027476.D
Acq: 22 Aug 2022 18:37

Tgt Ion: 75 Resp: 30941
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.2
110 40.4 29.9 44.9

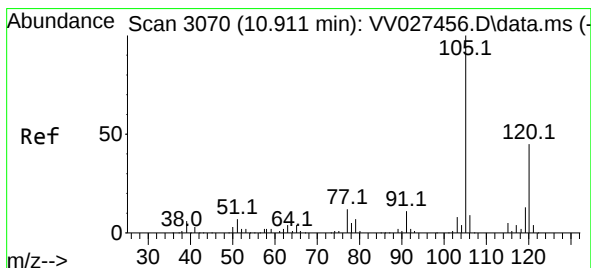
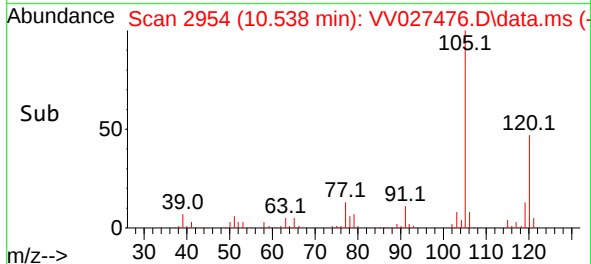
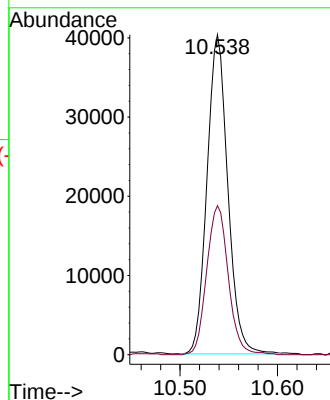
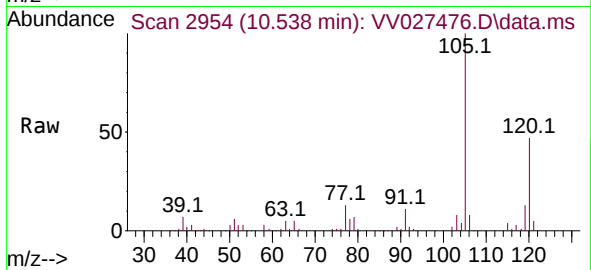




#62
 1,3,5-Trimethylbenzene
 Concen: 5.127 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

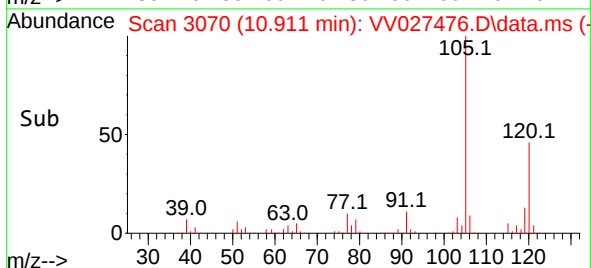
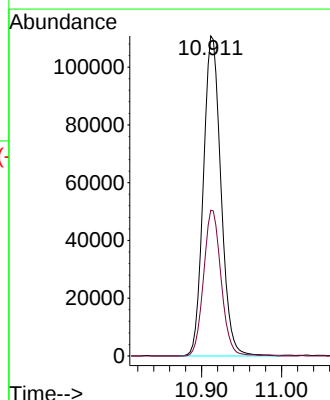
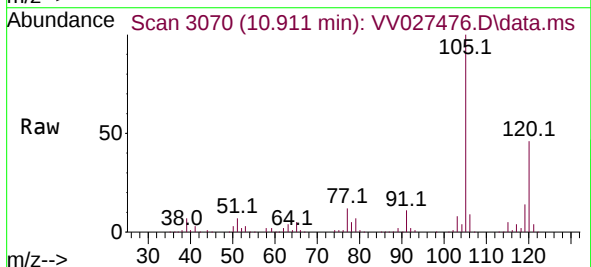
Instrument :
 MSVOA_V
 ClientSampleId :

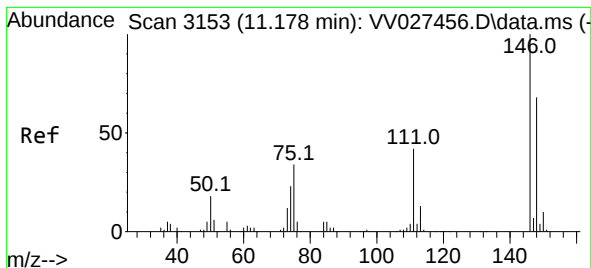
Tgt Ion:105 Resp: 59718
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.167 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV027476.D
 Acq: 22 Aug 2022 18:37

Tgt Ion:105 Resp: 169578
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 5.444 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

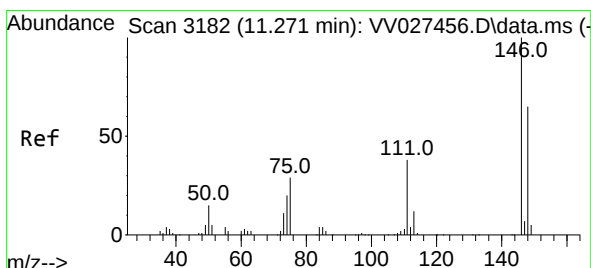
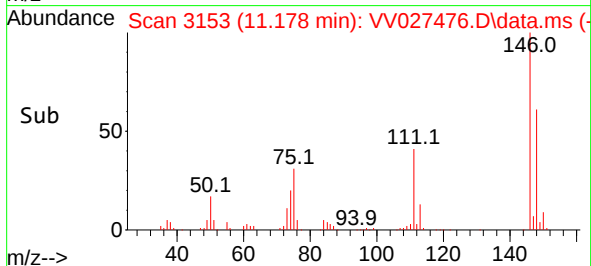
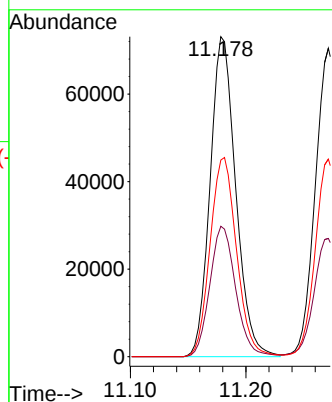
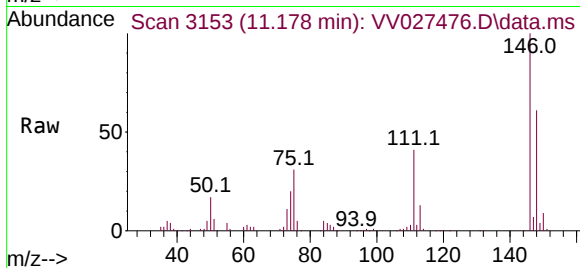
Tgt Ion:146 Resp: 112680

Ion Ratio Lower Upper

146 100

111 40.7 28.8 53.4

148 61.4 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 5.405 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

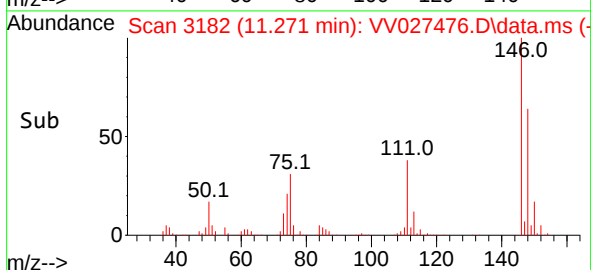
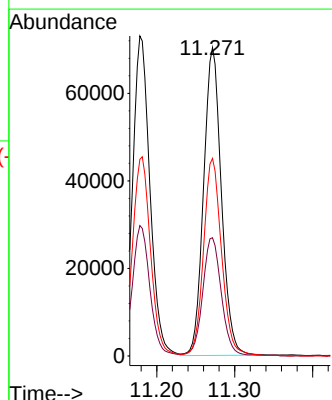
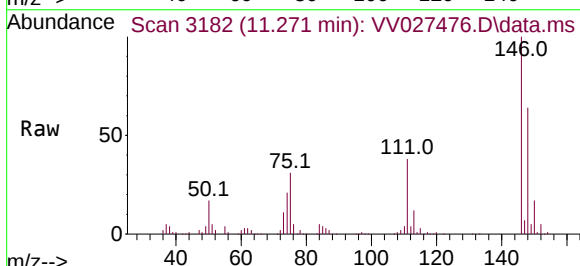
Tgt Ion:146 Resp: 111523

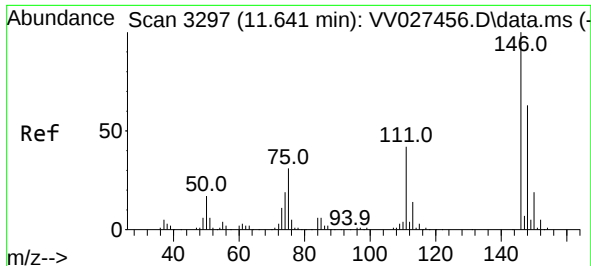
Ion Ratio Lower Upper

146 100

111 38.3 26.6 49.4

148 64.1 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 5.473 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

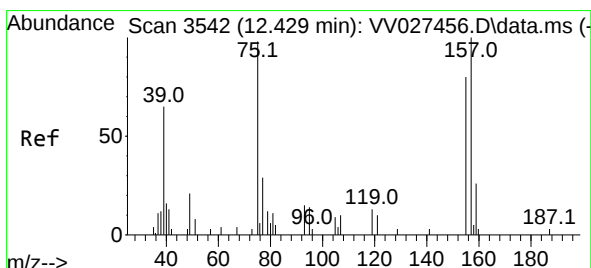
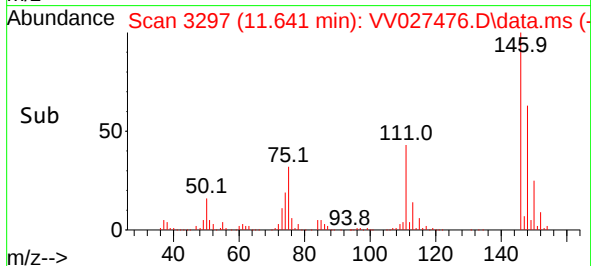
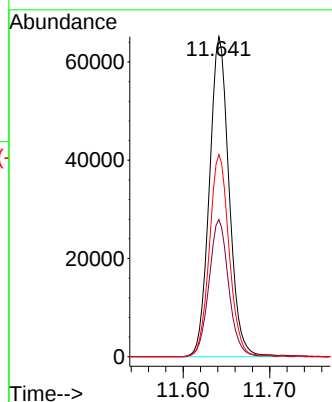
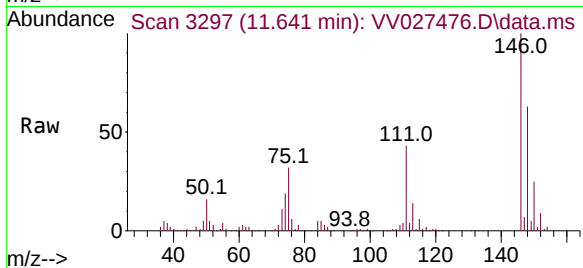
Tgt Ion:146 Resp: 102699

Ion Ratio Lower Upper

146 100

111 42.8 34.5 51.7

148 63.2 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.348 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

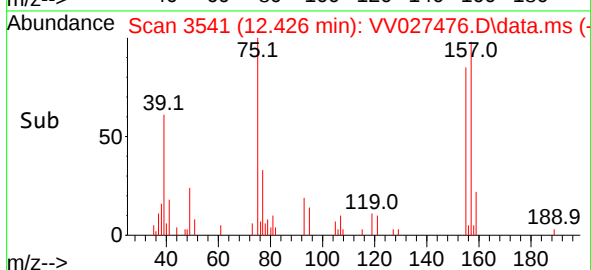
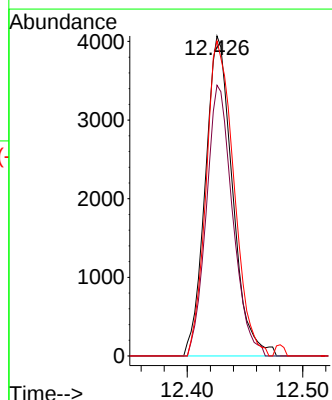
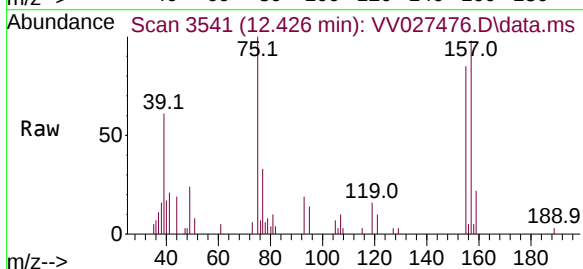
Tgt Ion: 75 Resp: 6655

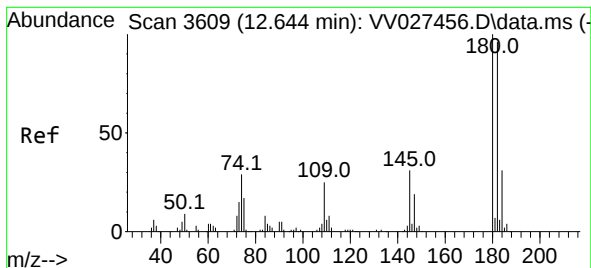
Ion Ratio Lower Upper

75 100

155 84.6 63.1 94.7

157 98.4 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 5.318 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

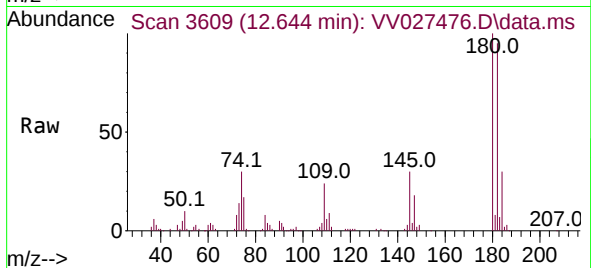
Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 82154

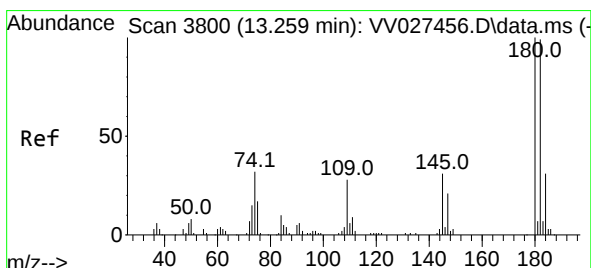
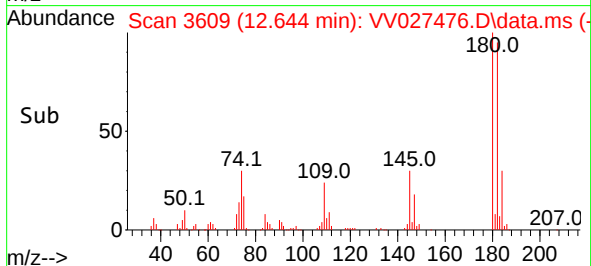
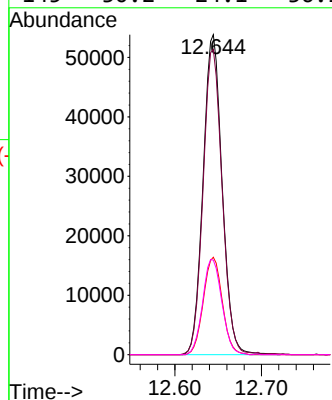
Ion Ratio Lower Upper

180 100

182 95.6 74.1 111.1

184 30.3 23.2 34.8

145 30.2 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.225 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

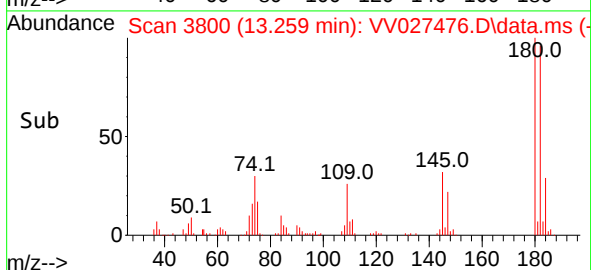
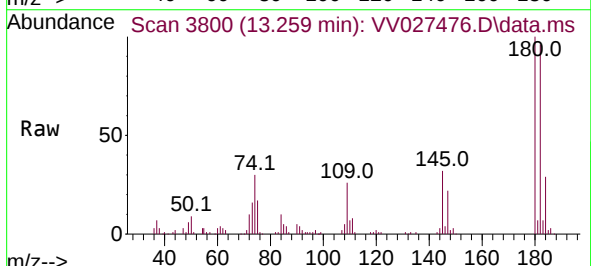
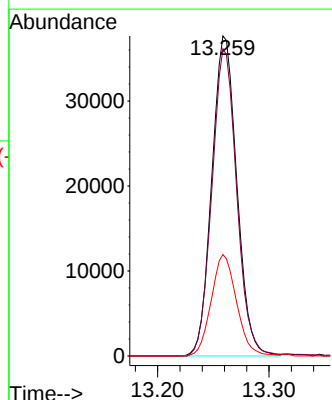
Tgt Ion:180 Resp: 58664

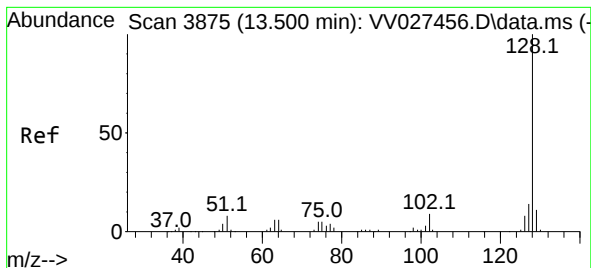
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

145 32.1 24.9 37.3





#71

Naphthalene

Concen: 5.192 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

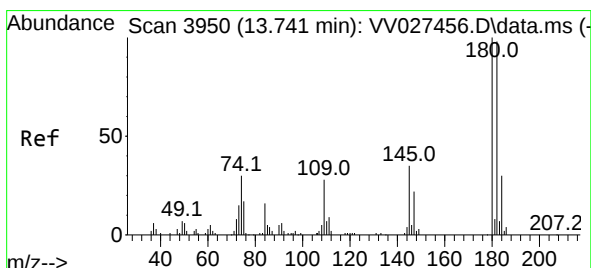
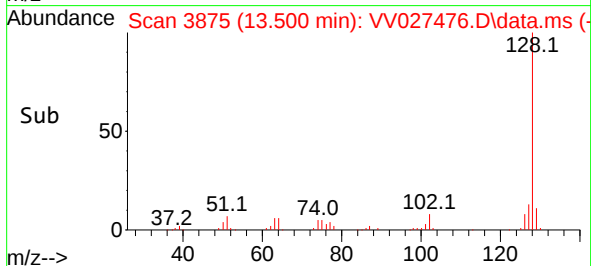
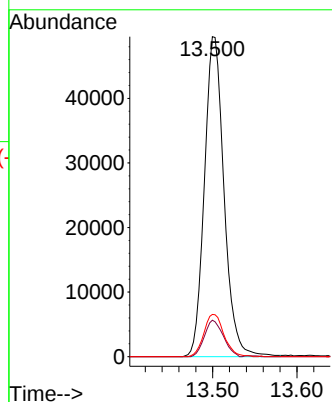
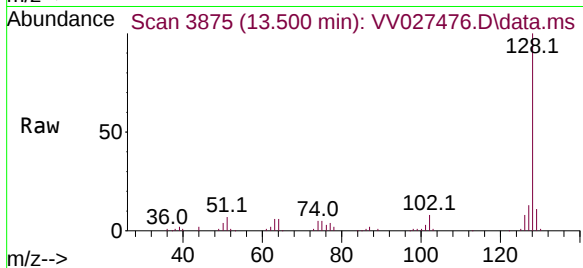
Tgt Ion:128 Resp: 80470

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.5 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.513 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027476.D

Acq: 22 Aug 2022 18:37

Tgt Ion:180 Resp: 54971

Ion Ratio Lower Upper

180 100

182 97.7 75.3 112.9

145 33.0 26.6 39.8

