

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024050.D
 Acq On : 17 Dec 2021 06:53
 Operator : SY/MD
 Sample : M5133-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 07:45:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95366	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23807	4.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.568	69	20806	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.108	63	54679	5.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	3.905	46	44443	44.371	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.740%
24) Chloroform-d	4.349	84	58136	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.037	65	26600	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.050	84	104162	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.072	67	28843	4.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.317	98	103350	5.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
43) trans-1,3-Dichloroprop...	7.625	79	11030	4.439	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.088	63	42864	38.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20945	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	39406	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41590	5.011	ug/L	98
3) Chloromethane	1.240	50	37069	5.227	ug/L	99
5) Vinyl chloride	1.311	62	40766	5.300	ug/L	98
6) Bromomethane	1.523	94	25782	5.274	ug/L	99
8) Chloroethane	1.584	64	27145	5.423	ug/L	100
9) Trichlorofluoromethane	1.751	101	74632	5.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	38035	5.403	ug/L	98
12) 1,1-Dichloroethene	2.118	96	35371	5.528	ug/L	95
13) Acetone	2.192	43	47560	59.351	ug/L	77
14) Carbon disulfide	2.294	76	90700	4.887	ug/L	99
15) Methyl Acetate	2.439	43	10559	5.436	ug/L #	80
16) Methylene chloride	2.507	84	37997	4.539	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	79291	5.480	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	38666	5.459	ug/L	99
19) 1,1-Dichloroethane	3.191	63	69781	5.489	ug/L	99
21) 2-Butanone	3.986	43	60584	52.914	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	40764	5.437	ug/L	96
23) Bromochloromethane	4.249	128	19265	5.655	ug/L	99
25) Chloroform	4.375	83	87644	6.202	ug/L	99

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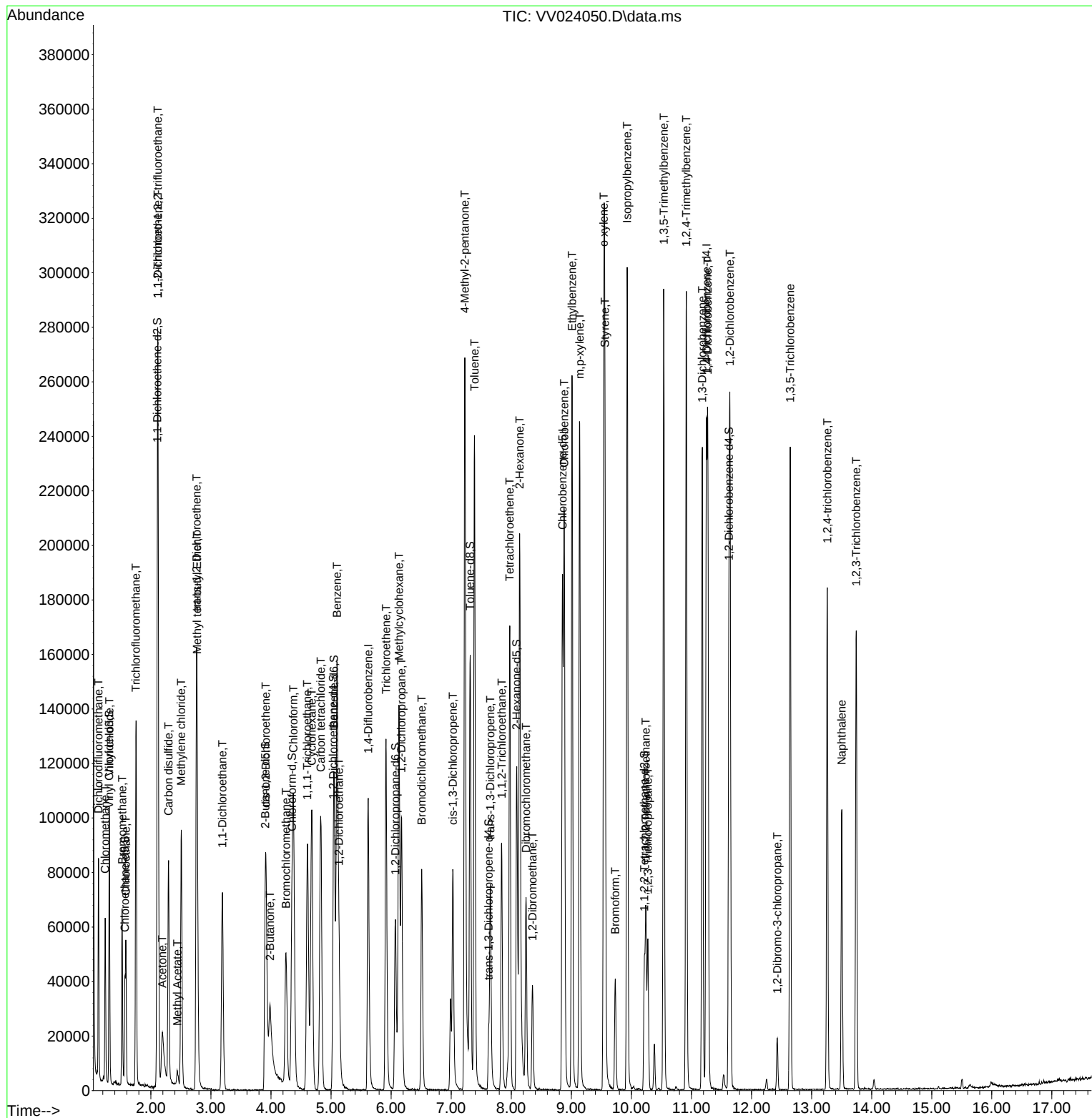
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43380	5.666	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	74327	5.669	ug/L	99
30) Cyclohexane	4.680	56	51395	4.942	ug/L	98
31) Carbon tetrachloride	4.828	117	76929	6.241	ug/L	100
33) Benzene	5.098	78	155655	5.490	ug/L	100
34) Trichloroethene	5.915	95	42751	5.346	ug/L	97
35) Methylcyclohexane	6.130	83	55827	4.743	ug/L	97
37) 1,2-Dichloropropane	6.172	63	37832	5.614	ug/L	99
38) Bromodichloromethane	6.510	83	52615	5.512	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	48232	4.821	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	184695	57.056	ug/L	98
42) Toluene	7.387	91	174779	5.478	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	42044	4.862	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	27467	5.509	ug/L	99
47) Tetrachloroethene	7.976	164	38705	5.498	ug/L	99
48) 2-Hexanone	8.140	43	132595	56.491	ug/L	97
49) Dibromochloromethane	8.246	129	35337	5.210	ug/L	98
50) 1,2-Dibromoethane	8.352	107	25122	5.428	ug/L	87
51) Chlorobenzene	8.883	112	114904	5.388	ug/L	99
52) Ethylbenzene	9.011	91	178812	5.311	ug/L	98
53) m,p-xylene	9.140	106	71436	5.365	ug/L	98
54) o-xylene	9.542	106	70043	5.440	ug/L	100
55) Styrene	9.561	104	99886	4.660	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	28834	5.282	ug/L	97
59) Bromoform	9.731	173	18891	4.997	ug/L	99
60) Isopropylbenzene	9.931	105	186144	5.382	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21129	5.265	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	154089	5.371	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	154609	5.409	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	96739	5.469	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	93812	5.281	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	87937	5.427	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4759	5.430	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	71926	4.944	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	54224	4.746	ug/L	96
71) Naphthalene	13.503	128	81171	4.943	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51454	5.101	ug/L	98

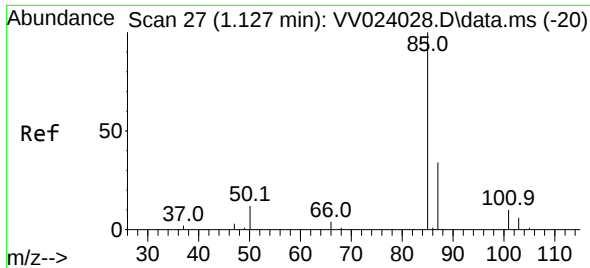
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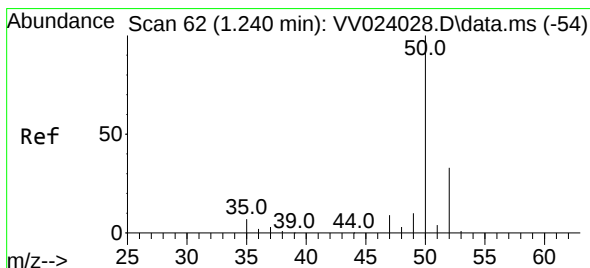
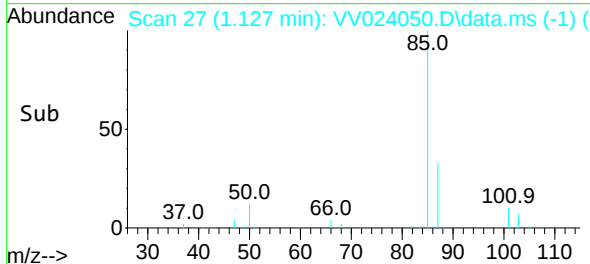
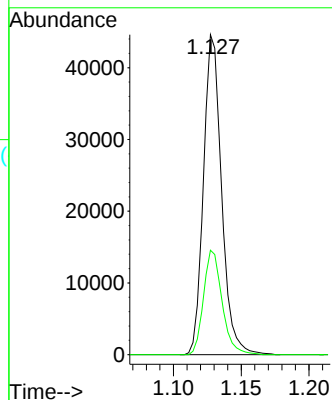
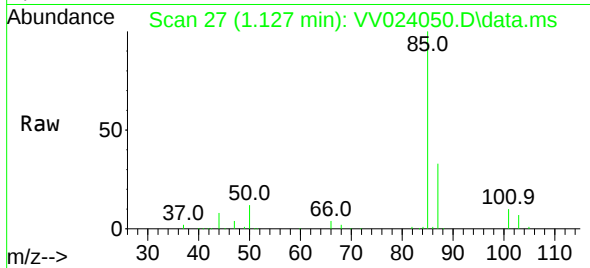




#2
 Dichlorodifluoromethane
 Concen: 5.011 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024050.D
 Acq: 17 Dec 2021 06:53

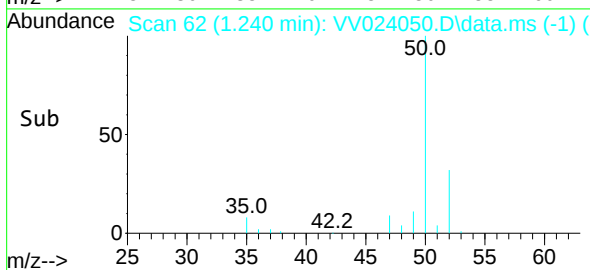
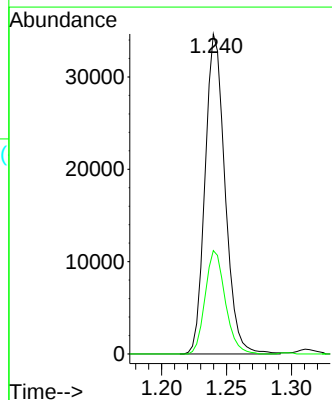
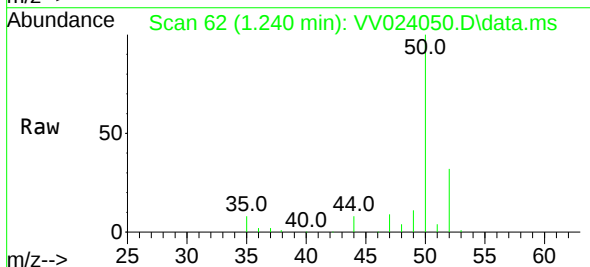
Instrument :
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 ClientSampleId :

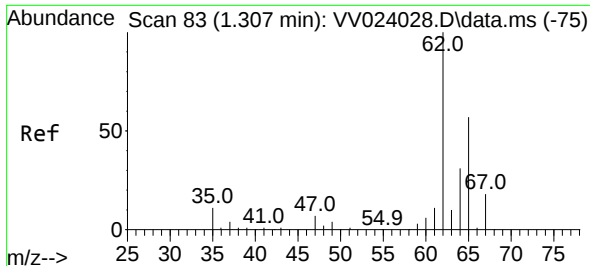
Tgt Ion: 85 Resp: 41590
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.0 39.0



#3
 Chloromethane
 Concen: 5.227 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024050.D
 Acq: 17 Dec 2021 06:53

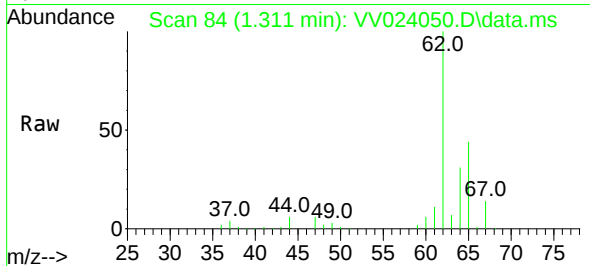
Tgt Ion: 50 Resp: 37069
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.0 41.0



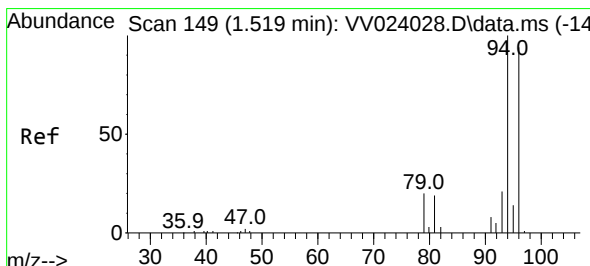
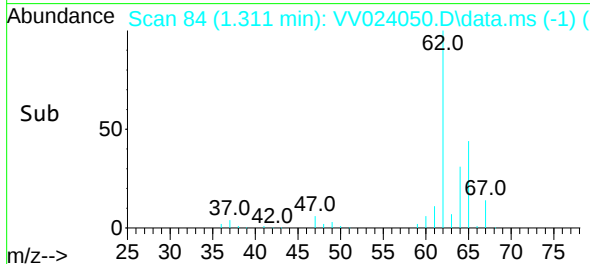
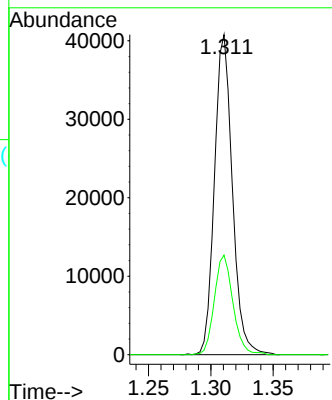


#5
 Vinyl chloride
 Concen: 5.300 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024050.D
 Acq: 17 Dec 2021 06:53

Instrument :
 MSVOA_V
 ClientSampleId :

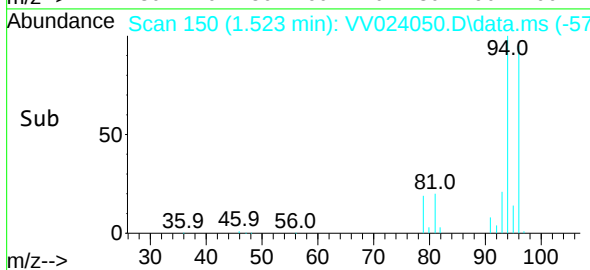
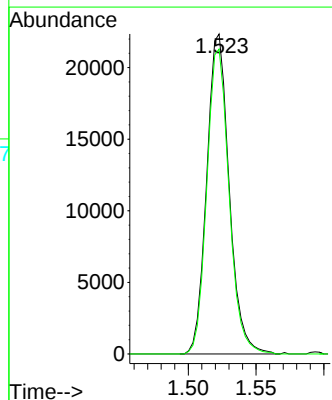
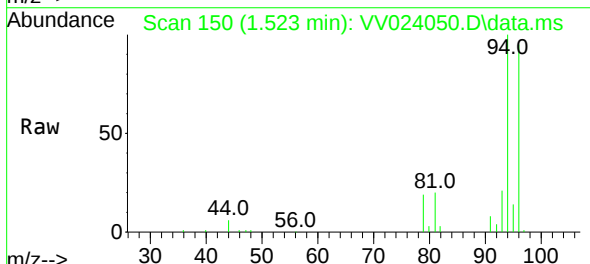


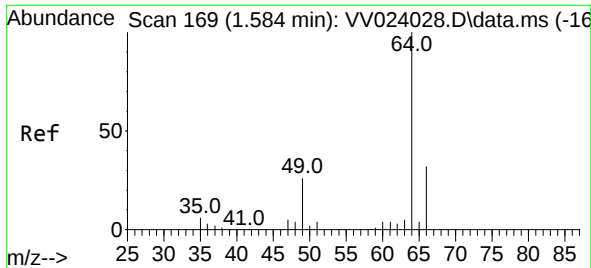
Tgt Ion: 62 Resp: 40766
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.4 41.6



#6
 Bromomethane
 Concen: 5.274 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024050.D
 Acq: 17 Dec 2021 06:53

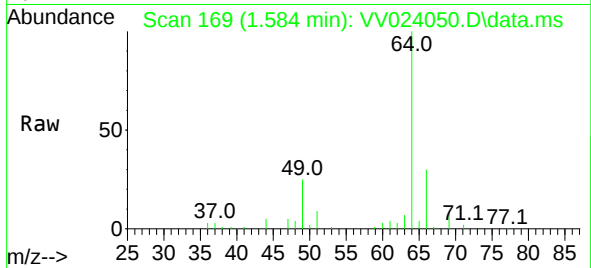
Tgt Ion: 94 Resp: 25782
 Ion Ratio Lower Upper
 94 100
 96 95.3 66.2 123.0



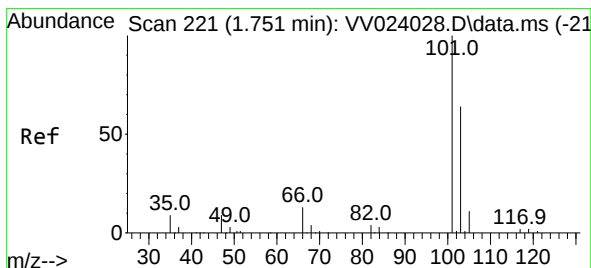
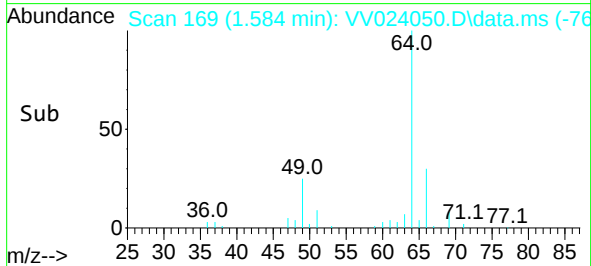
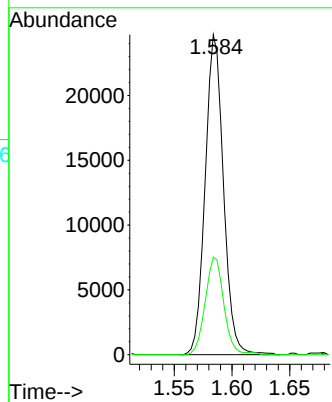


#8
Chloroethane
Concen: 5.423 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Instrument :
MSVOA_V
ClientSampleId :

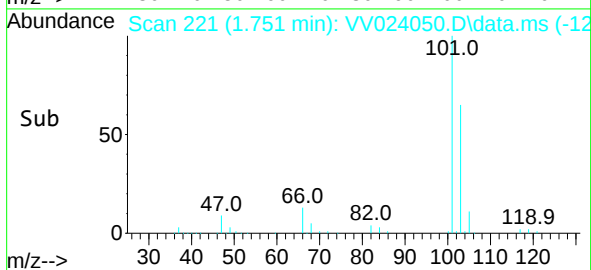
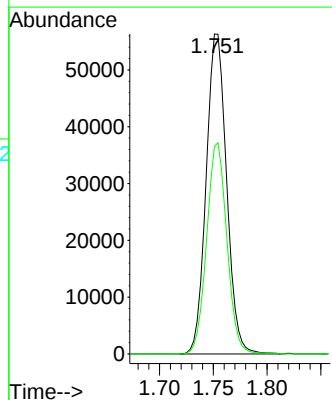
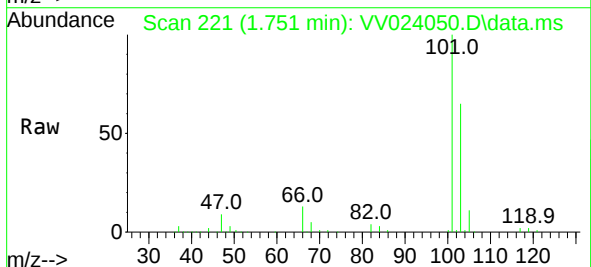


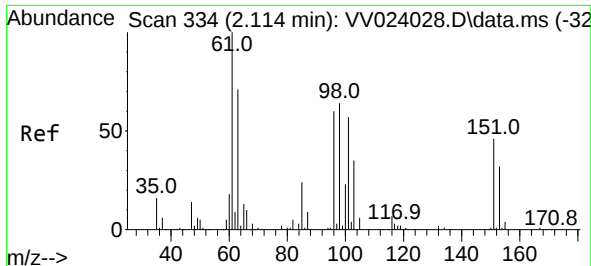
Tgt Ion: 64 Resp: 27145
Ion Ratio Lower Upper
64 100
66 30.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.584 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion:101 Resp: 74632
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

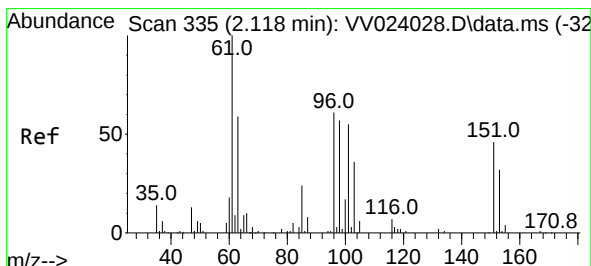
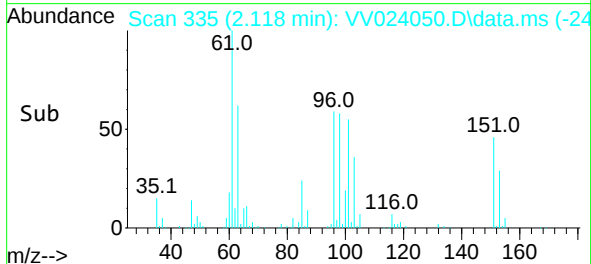
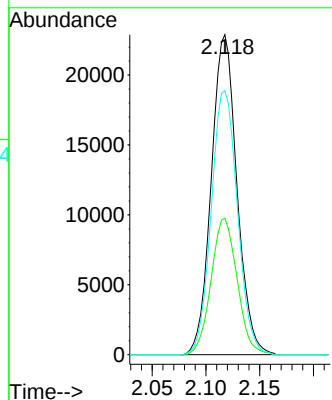
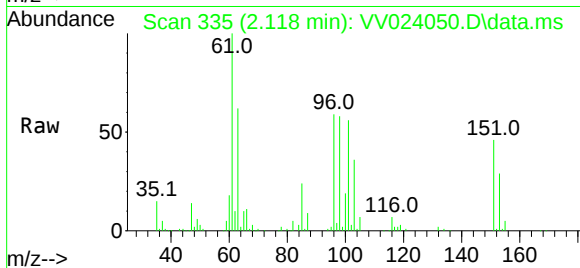




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.403 ug/L
RT: 2.118 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

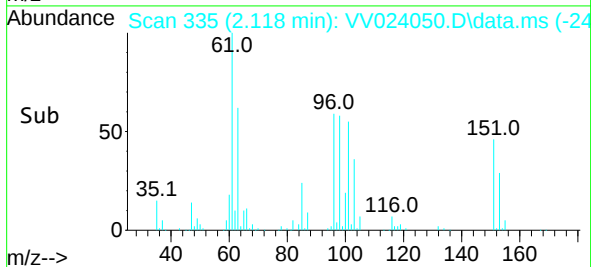
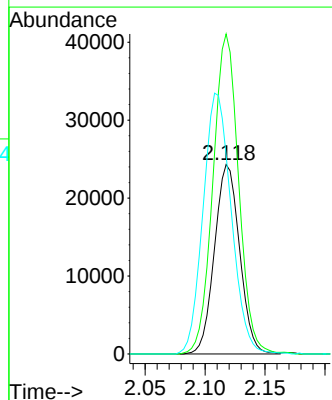
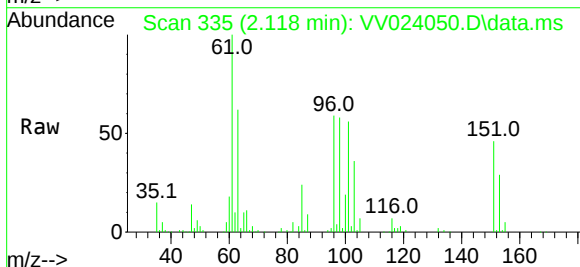
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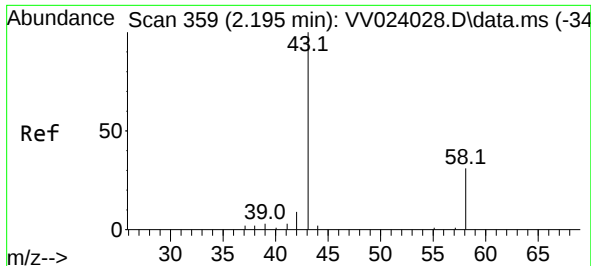
Tgt Ion:101 Resp: 38035
Ion Ratio Lower Upper
101 100
85 43.2 36.0 54.0
151 84.4 66.4 99.6



#12
1,1-Dichloroethene
Concen: 5.528 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion: 96 Resp: 35371
Ion Ratio Lower Upper
96 100
61 169.0 116.1 215.5
63 105.1 79.4 147.4





#13

Acetone

Concen: 59.351 ug/L

RT: 2.192 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

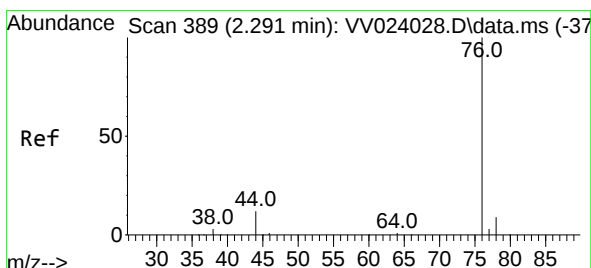
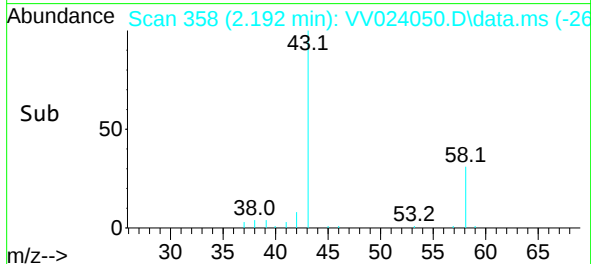
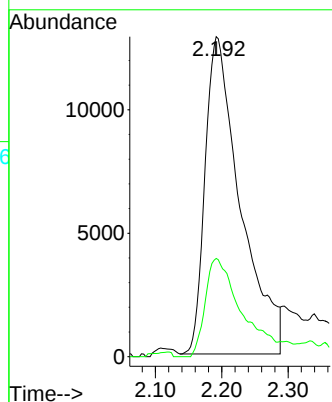
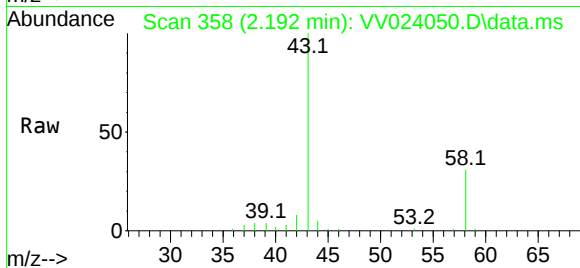
ClientSampleId :

Tgt Ion: 43 Resp: 47560

Ion Ratio Lower Upper

43 100

58 31.6 0.0 41.4



#14

Carbon disulfide

Concen: 4.887 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024050.D

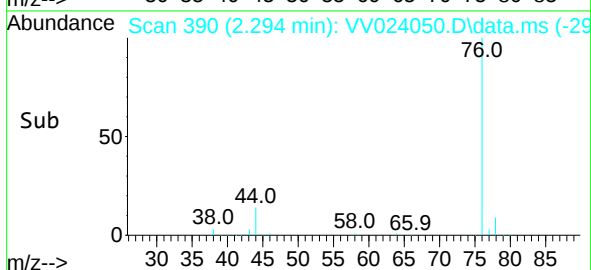
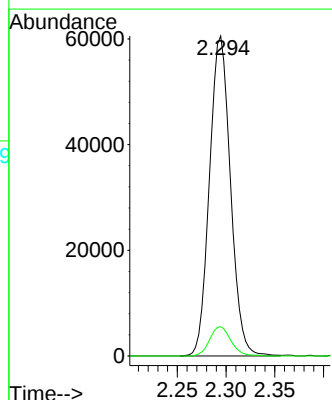
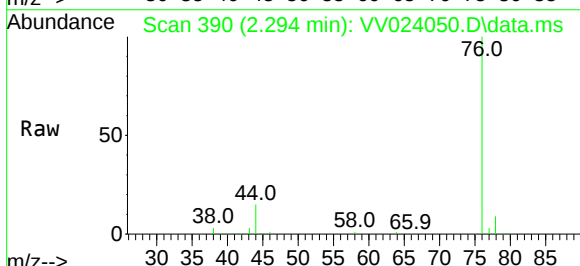
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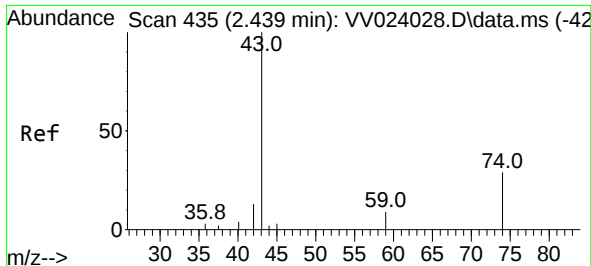
Tgt Ion: 76 Resp: 90700

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

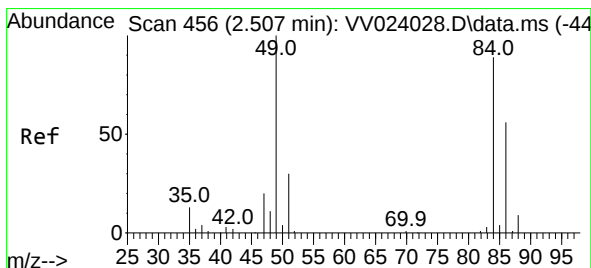
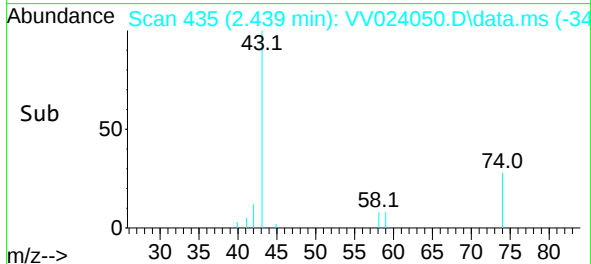
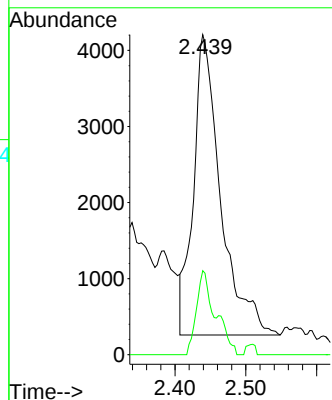
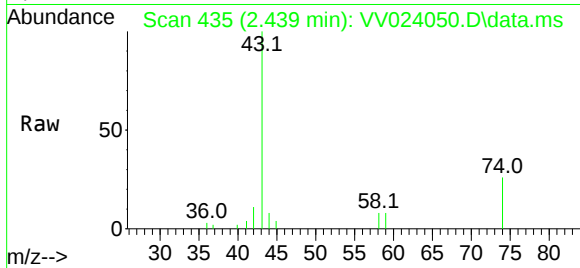




#15
Methyl Acetate
Concen: 5.436 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

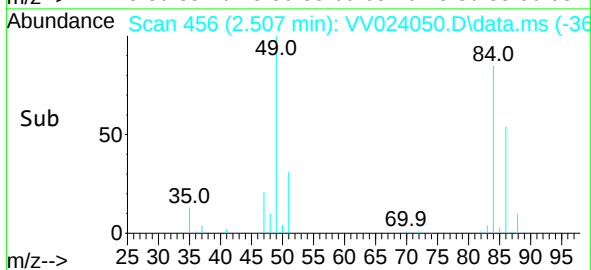
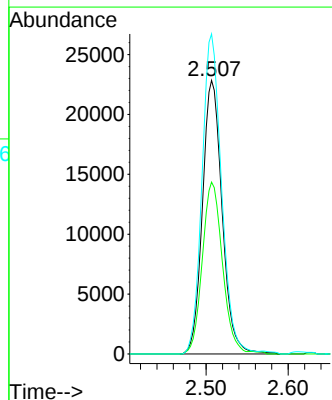
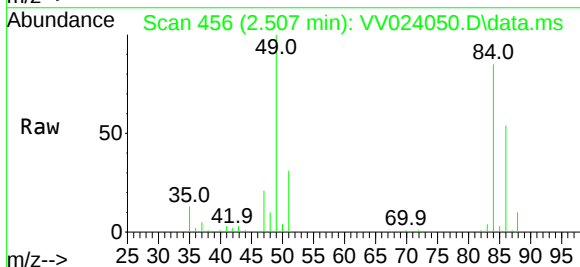
Instrument :
MSVOA_V
ClientSampleId :

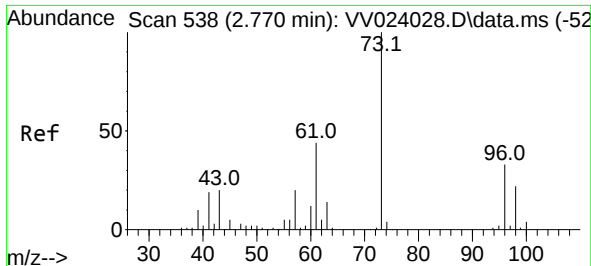
Tgt Ion: 43 Resp: 10559
Ion Ratio Lower Upper
43 100
74 15.1 20.2 30.2#



#16
Methylene chloride
Concen: 4.539 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion: 84 Resp: 37997
Ion Ratio Lower Upper
84 100
86 62.8 42.6 79.0
49 117.0 79.7 147.9

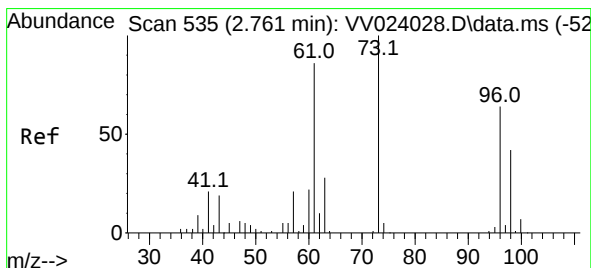
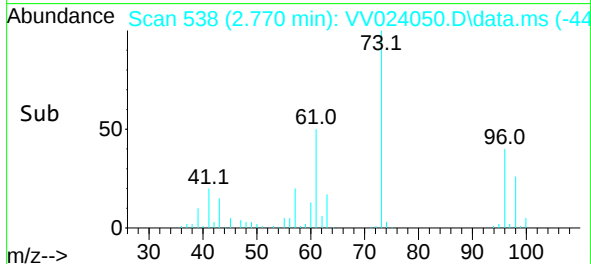
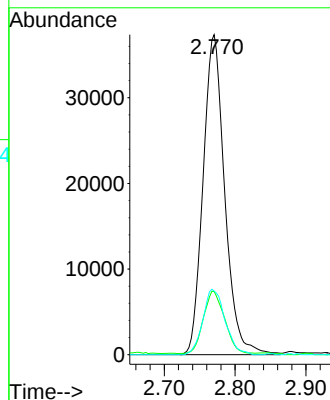
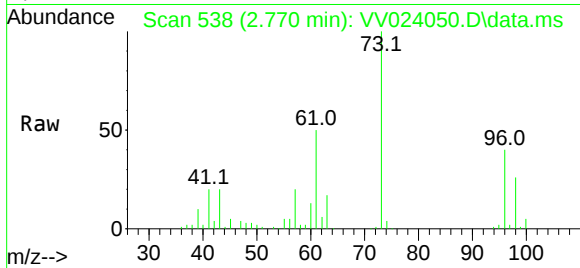




#17
Methyl tert-butyl Ether
Concen: 5.480 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

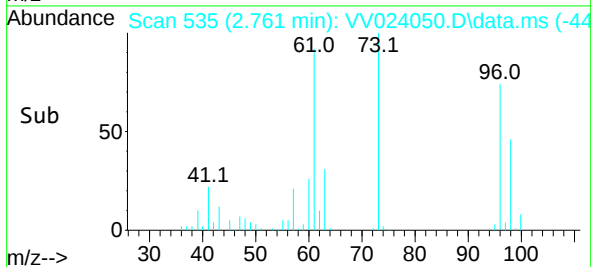
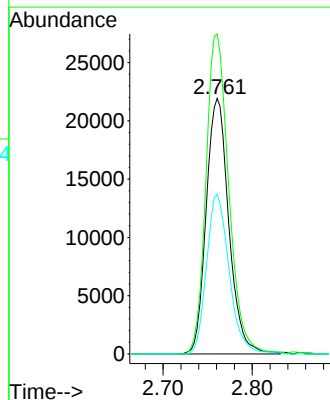
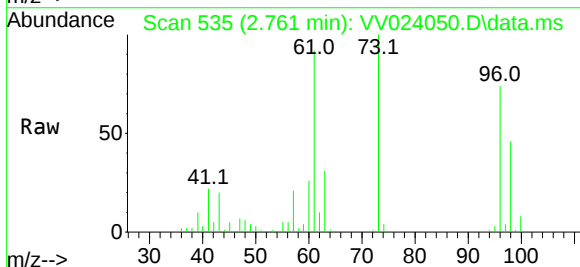
Instrument :
MSVOA_V
ClientSampleId :

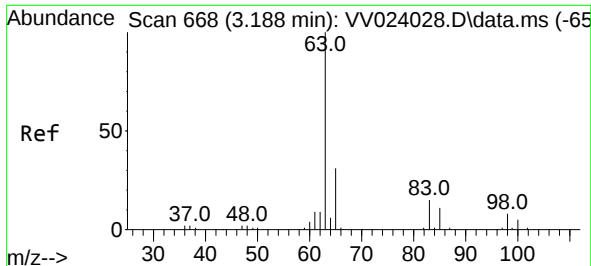
Tgt Ion: 73 Resp: 79291
Ion Ratio Lower Upper
73 100
43 19.0 15.5 23.3
57 20.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.459 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion: 96 Resp: 38666
Ion Ratio Lower Upper
96 100
61 125.3 88.2 163.8
98 62.5 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.489 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

ClientSampleId :

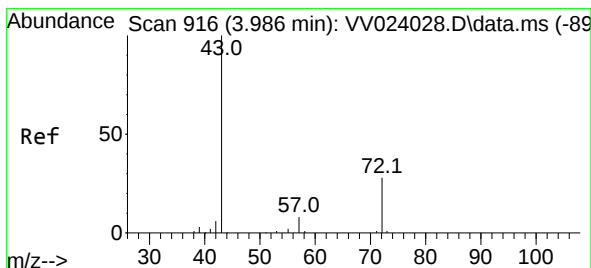
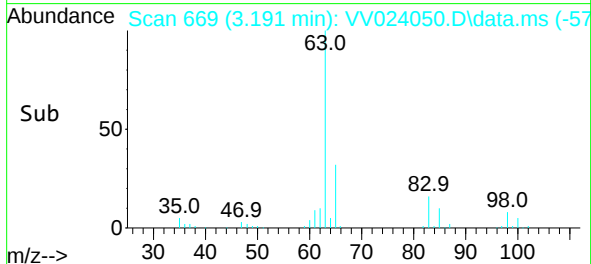
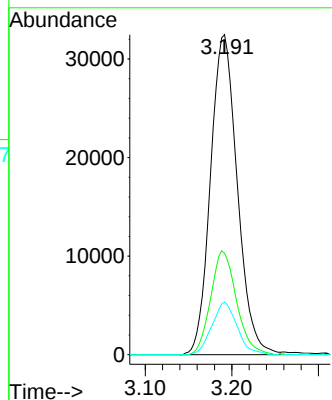
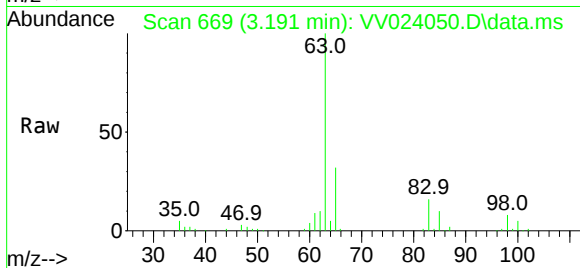
Tgt Ion: 63 Resp: 69781

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.3

83 16.5 10.7 19.9



#21

2-Butanone

Concen: 52.914 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.003 min

Lab File: VV024050.D

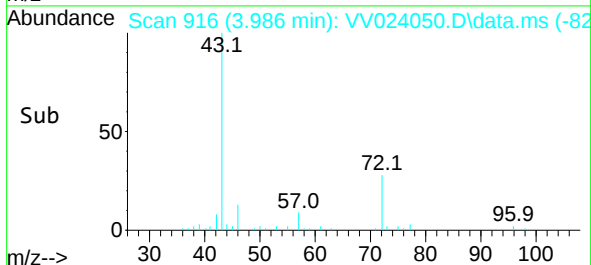
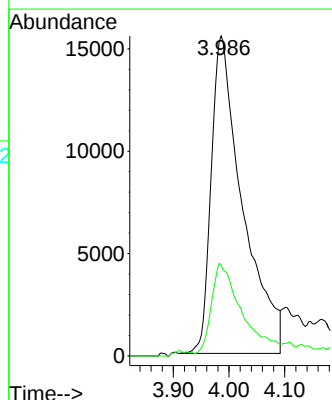
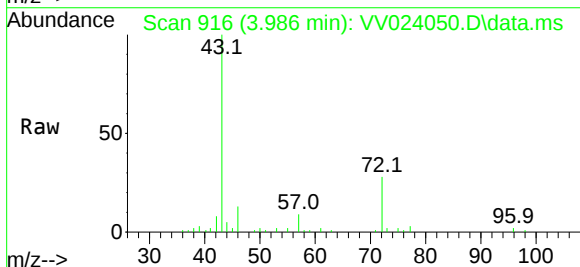
Acq: 17 Dec 2021 06:53

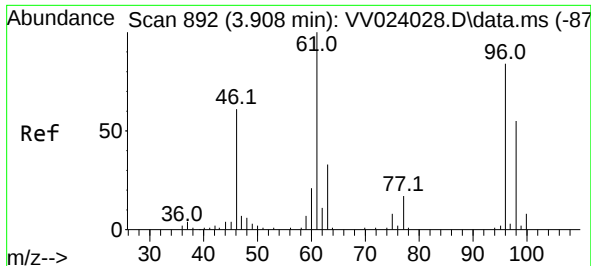
Tgt Ion: 43 Resp: 60584

Ion Ratio Lower Upper

43 100

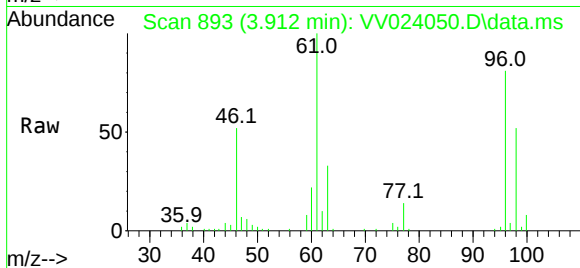
72 27.5 11.1 33.1



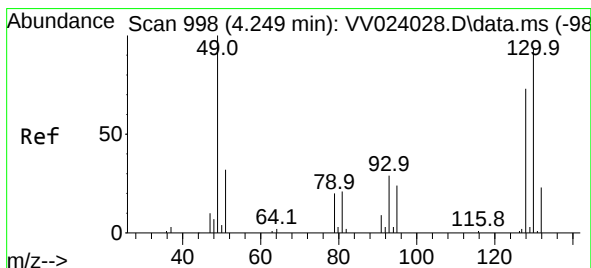
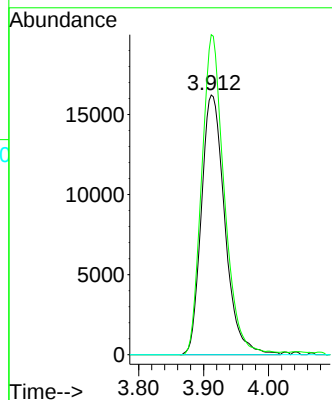
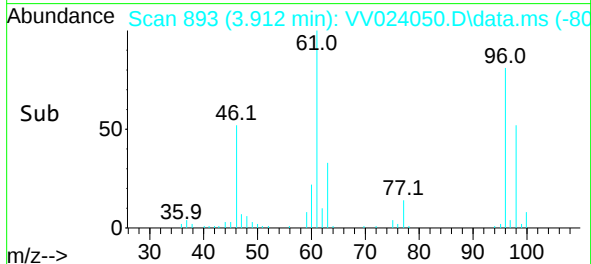


#22
 cis-1,2-Dichloroethene
 Concen: 5.437 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV024050.D
 Acq: 17 Dec 2021 06:53

Instrument :
 MSVOA_V
 ClientSampleId :

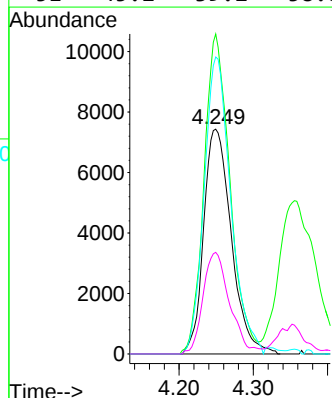
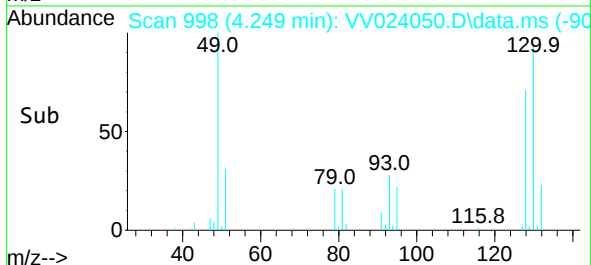
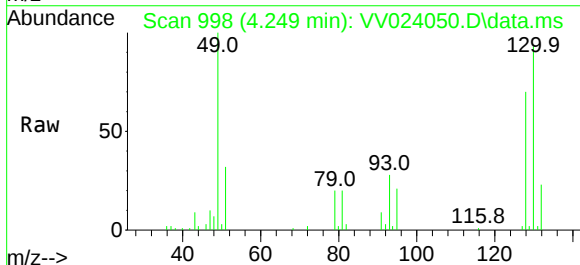


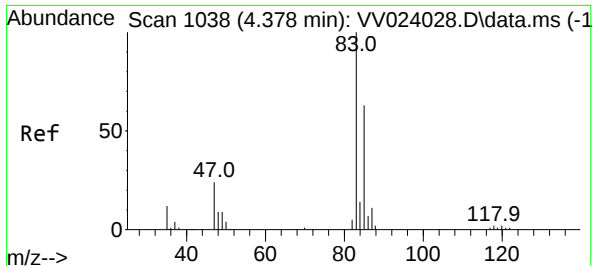
Tgt Ion: 96 Resp: 40764
 Ion Ratio Lower Upper
 96 100
 61 123.2 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.655 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.007 min
 Lab File: VV024050.D
 Acq: 17 Dec 2021 06:53

Tgt Ion: 128 Resp: 19265
 Ion Ratio Lower Upper
 128 100
 49 142.4 100.2 186.2
 130 132.2 92.5 171.7
 51 45.2 39.2 58.8





#25

Chloroform

Concen: 6.202 ug/L

RT: 4.375 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

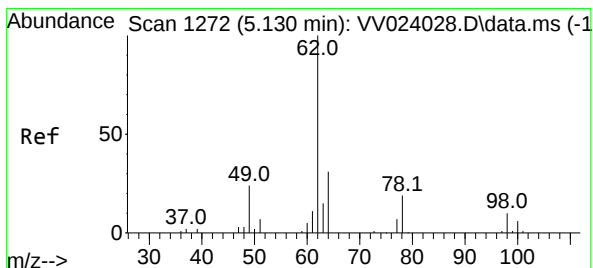
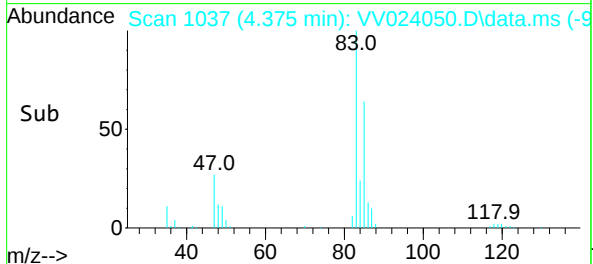
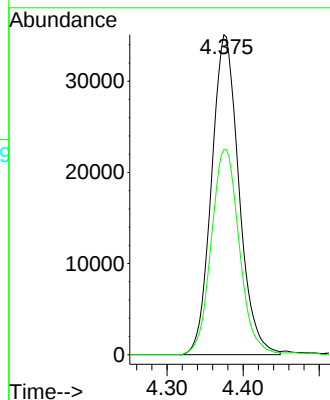
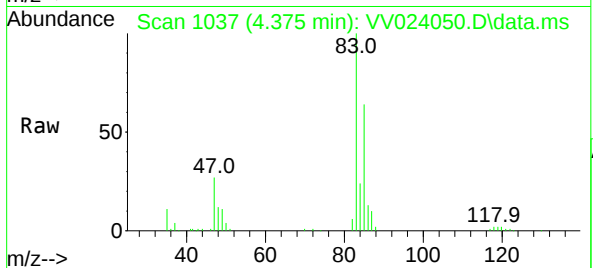
ClientSampleId :

Tgt Ion: 83 Resp: 87644

Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.666 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV024050.D

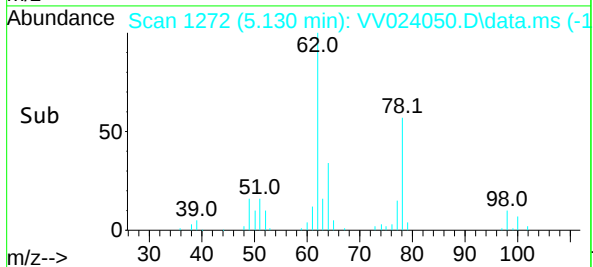
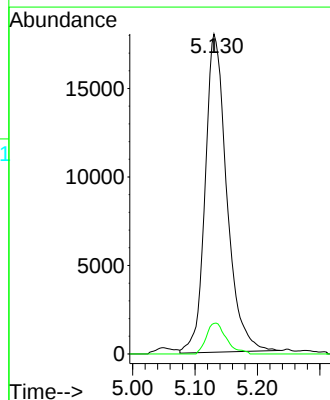
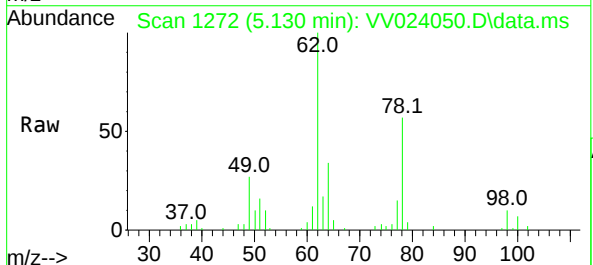
Acq: 17 Dec 2021 06:53

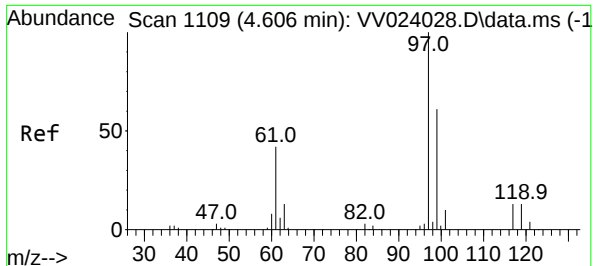
Tgt Ion: 62 Resp: 43380

Ion Ratio Lower Upper

62 100

98 9.6 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.669 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV024050.D

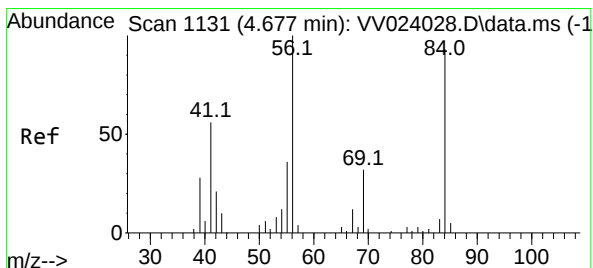
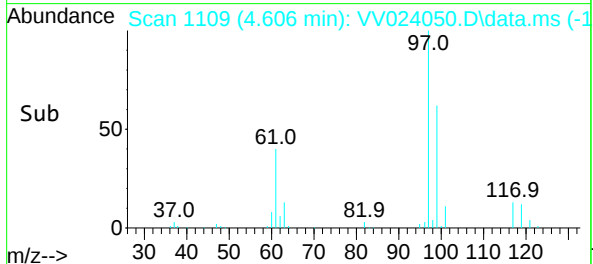
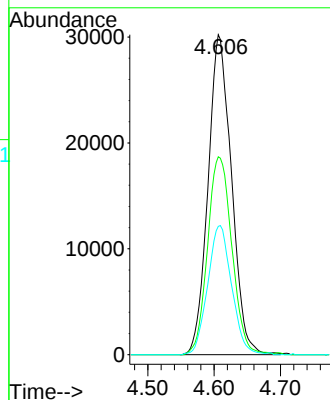
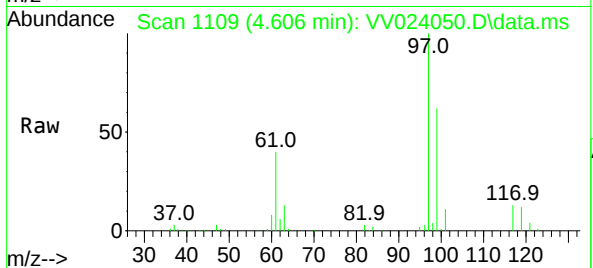
Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	74327
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	41.1	33.2	49.8



#30

Cyclohexane

Concen: 4.942 ug/L

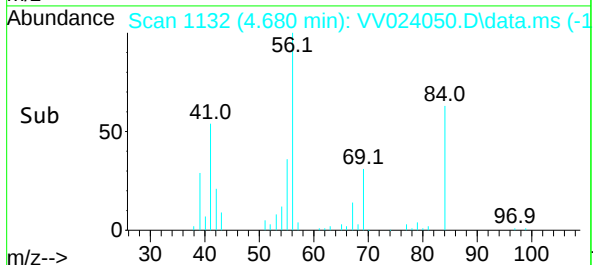
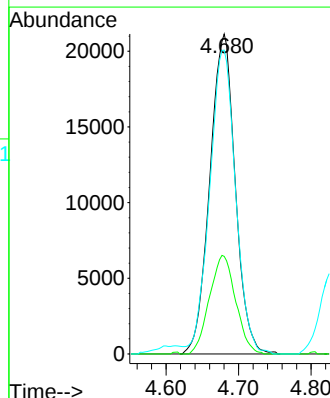
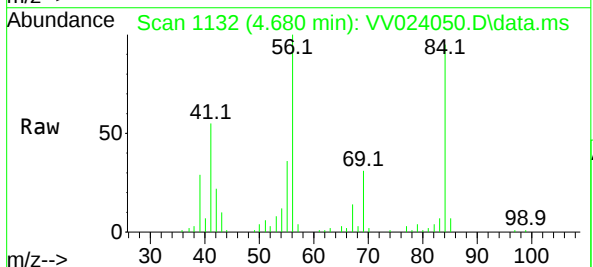
RT: 4.680 min Scan# 1132

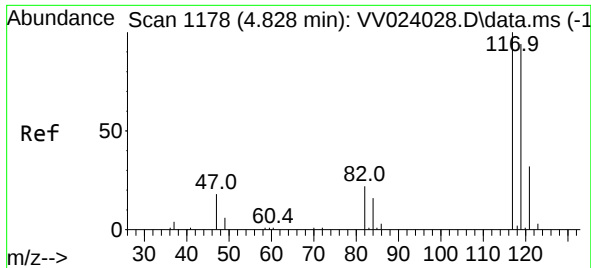
Delta R.T. 0.003 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Tgt Ion:	56	Resp:	51395
Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.8	37.2
84	97.1	75.9	113.9

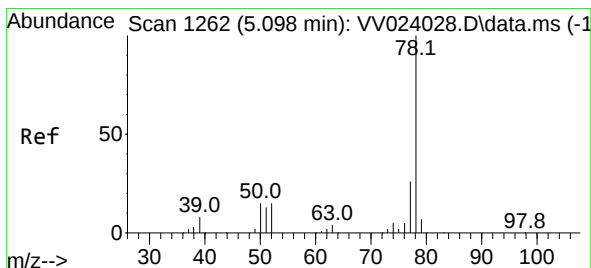
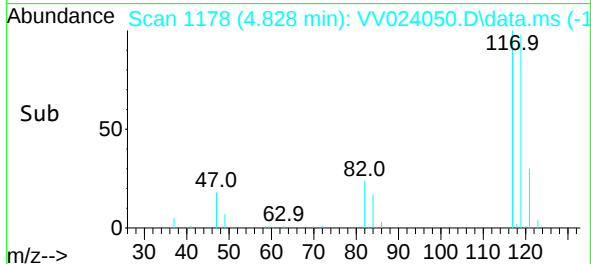
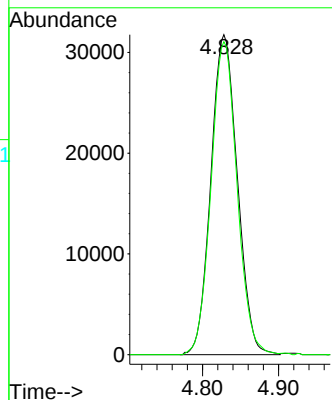
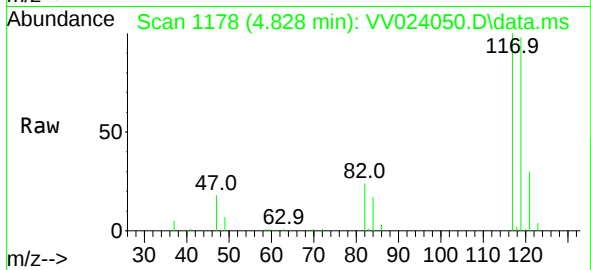




#31
Carbon tetrachloride
Concen: 6.241 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

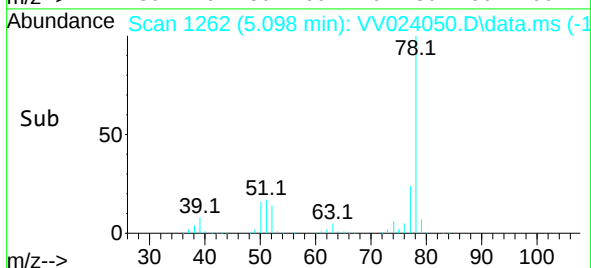
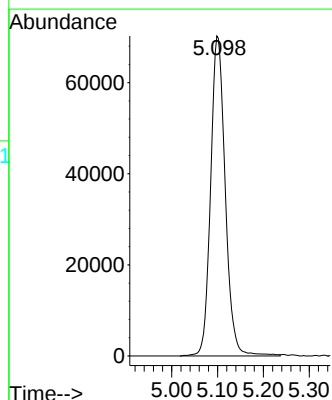
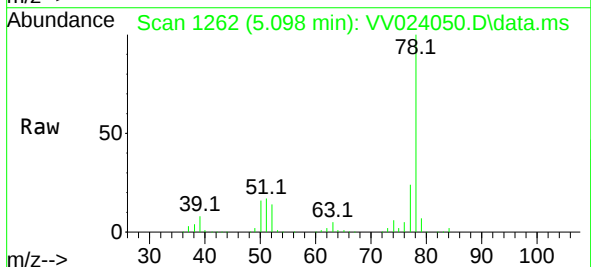
Instrument :
MSVOA_V
ClientSampleId :

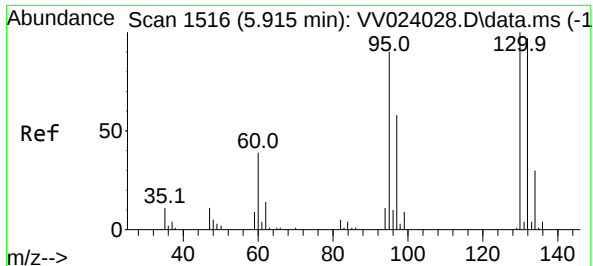
Tgt Ion:117 Resp: 76929
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8



#33
Benzene
Concen: 5.490 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

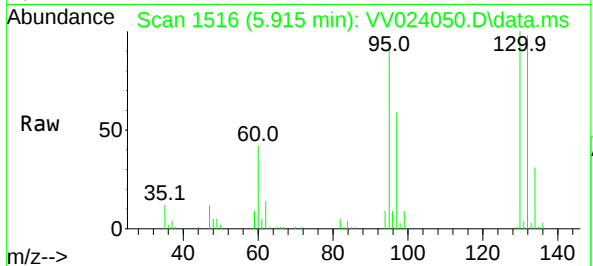
Tgt Ion: 78 Resp: 155655



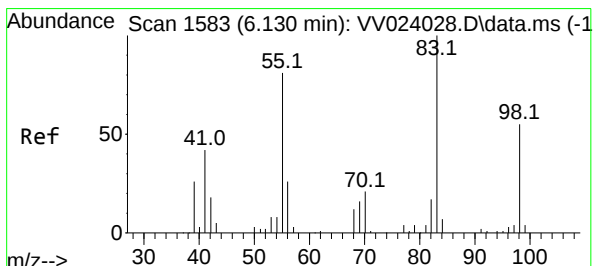
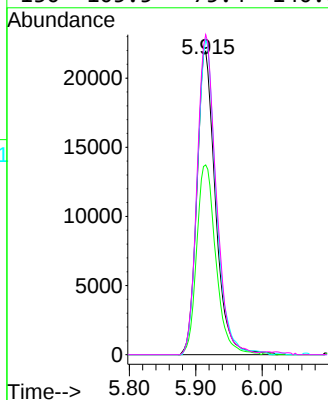
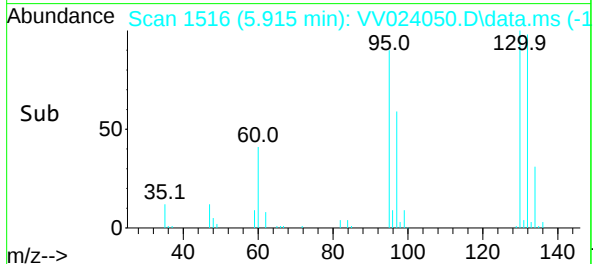


#34
Trichloroethene
Concen: 5.346 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

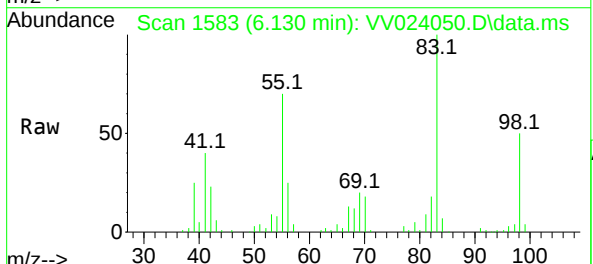
Instrument :
MSVOA_V
ClientSampleId :



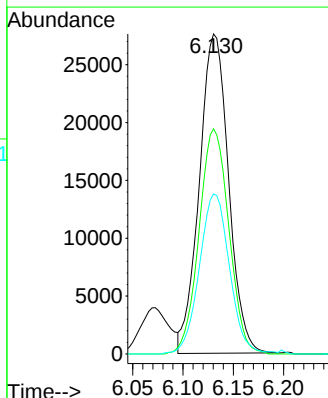
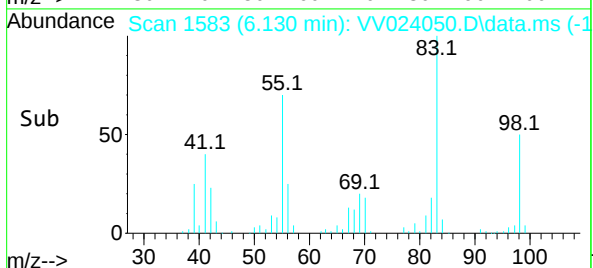
Tgt Ion: 95 Resp: 42751
Ion Ratio Lower Upper
95 100
97 62.6 45.2 84.0
132 103.9 76.1 141.3
130 105.5 75.4 140.0

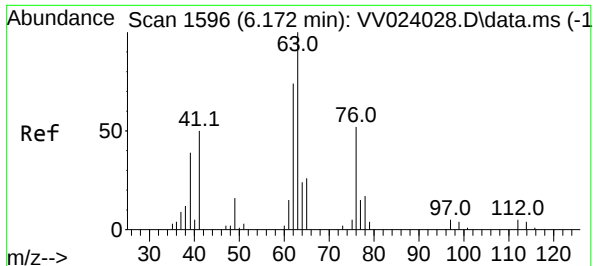


#35
Methylcyclohexane
Concen: 4.743 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53



Tgt Ion: 83 Resp: 55827
Ion Ratio Lower Upper
83 100
55 71.9 60.2 90.2
98 51.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.614 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

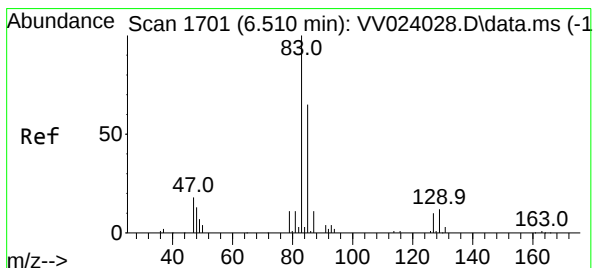
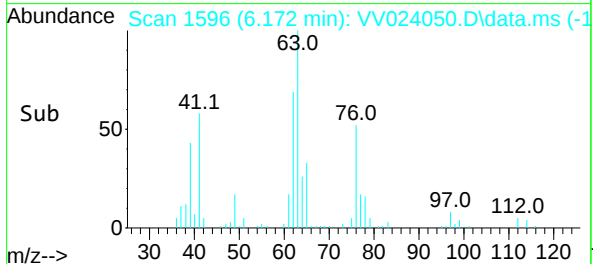
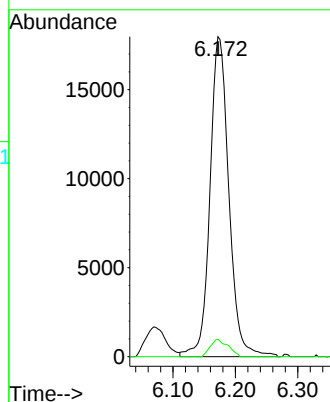
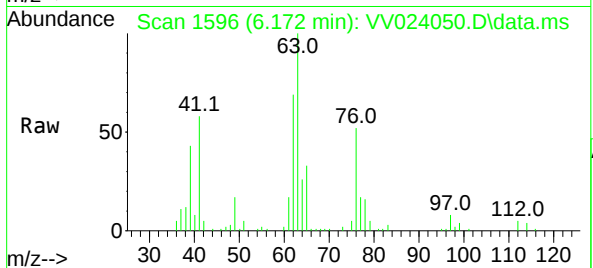
ClientSampleId :

Tgt Ion: 63 Resp: 37832

Ion Ratio Lower Upper

63 100

112 5.1 4.3 6.5



#38

Bromodichloromethane

Concen: 5.512 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

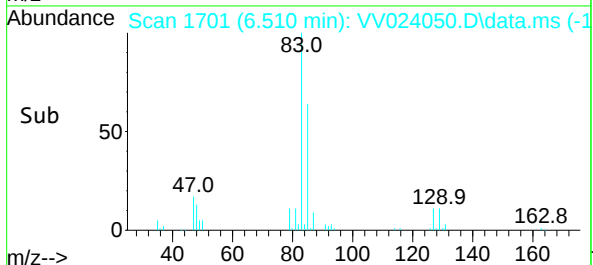
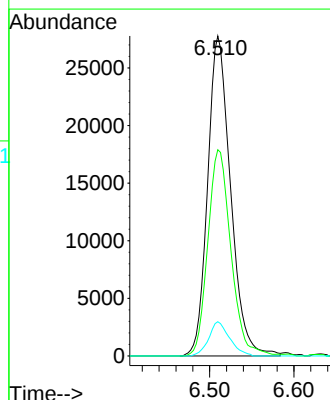
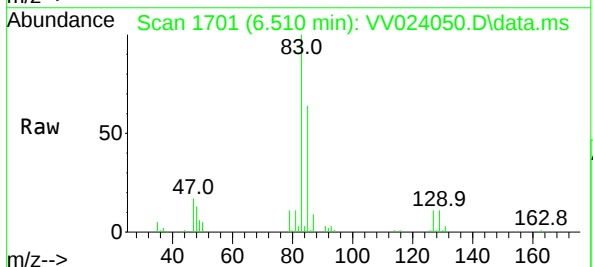
Tgt Ion: 83 Resp: 52615

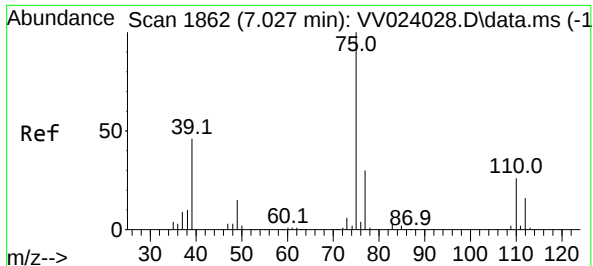
Ion Ratio Lower Upper

83 100

85 64.5 44.0 81.8

127 10.7 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.821 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

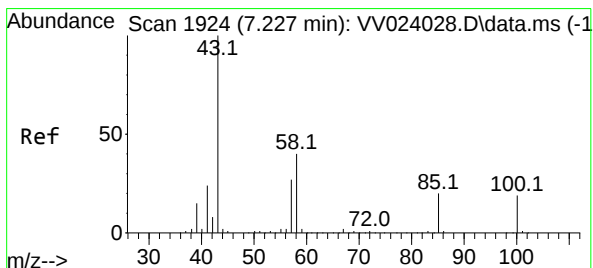
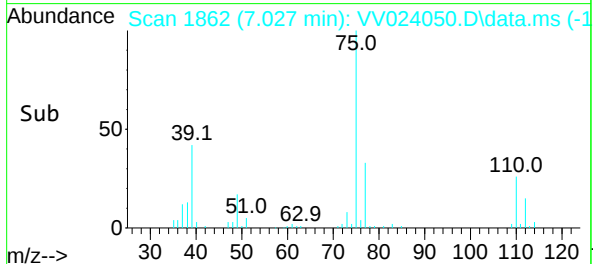
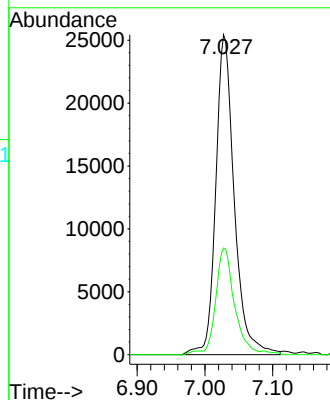
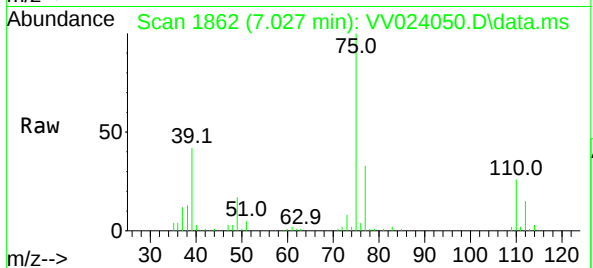
ClientSampleId :

Tgt Ion: 75 Resp: 48232

Ion Ratio Lower Upper

75 100

77 33.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 57.056 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

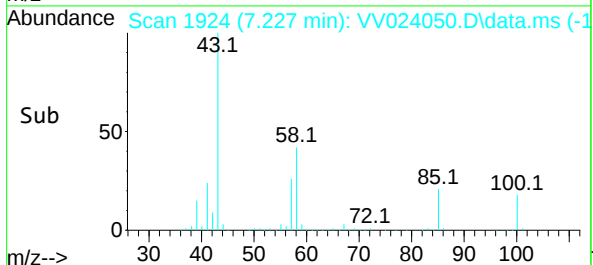
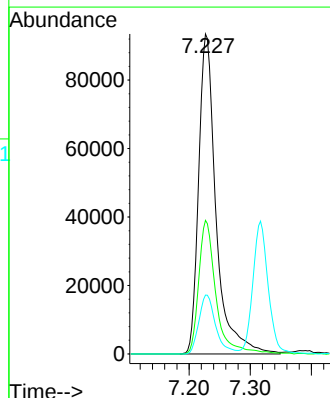
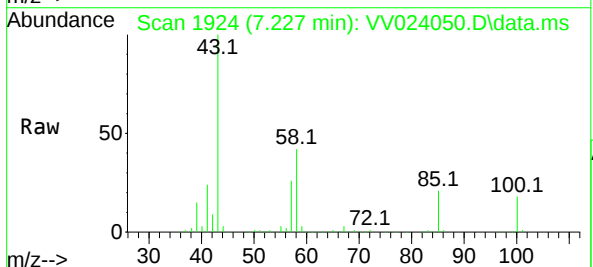
Tgt Ion: 43 Resp: 184695

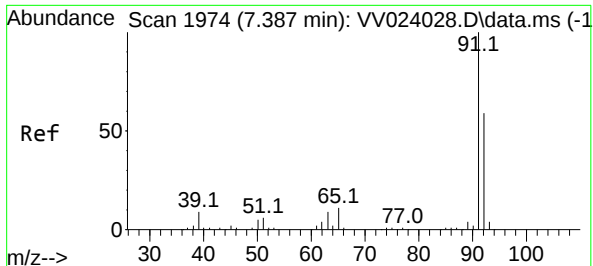
Ion Ratio Lower Upper

43 100

58 41.5 32.3 48.5

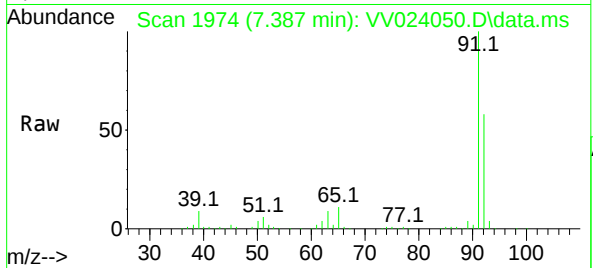
100 17.8 13.0 19.6



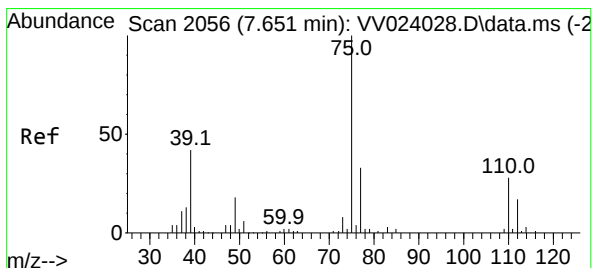
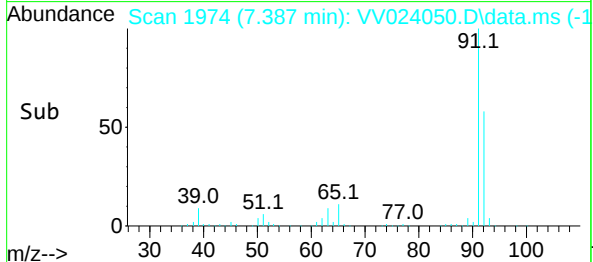
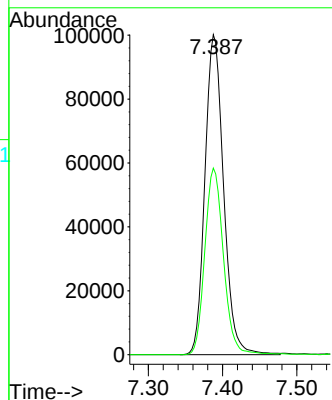


#42
Toluene
Concen: 5.478 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Instrument :
MSVOA_V
ClientSampleId :

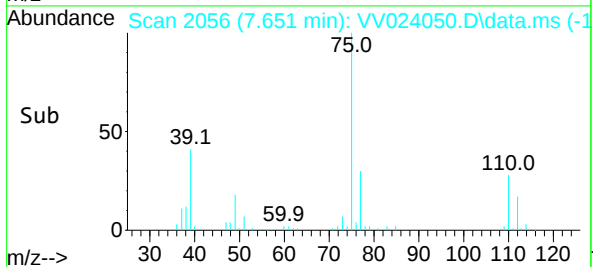
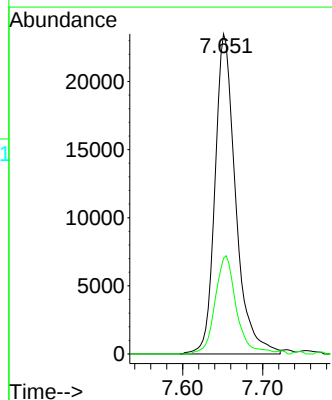
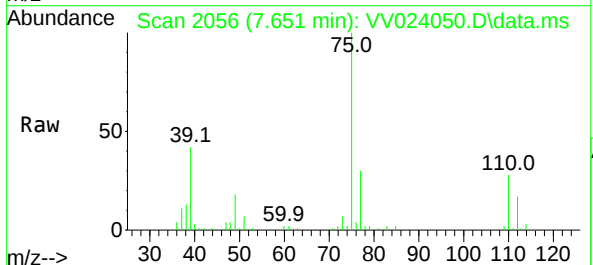


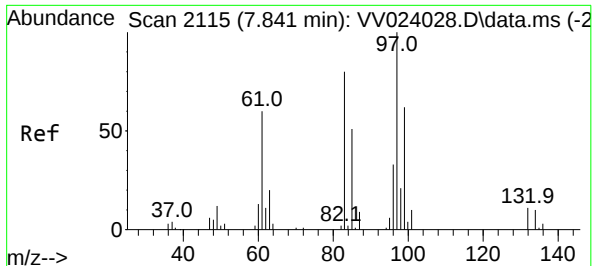
Tgt Ion: 91 Resp: 174779
Ion Ratio Lower Upper
91 100
92 58.3 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 4.862 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion: 75 Resp: 42044
Ion Ratio Lower Upper
75 100
77 29.9 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.509 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

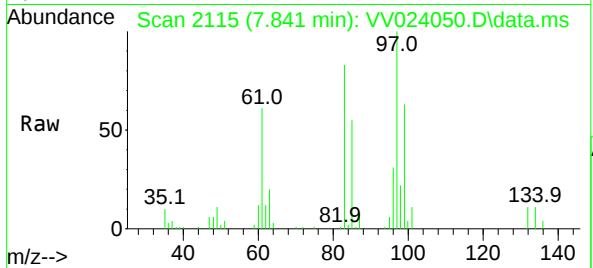
Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 27467

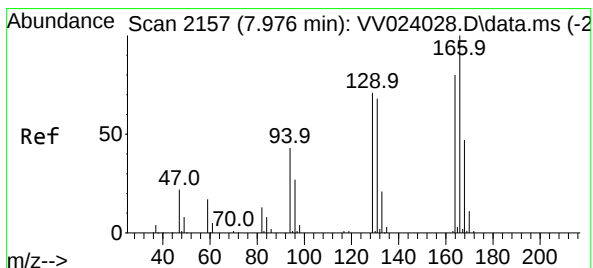
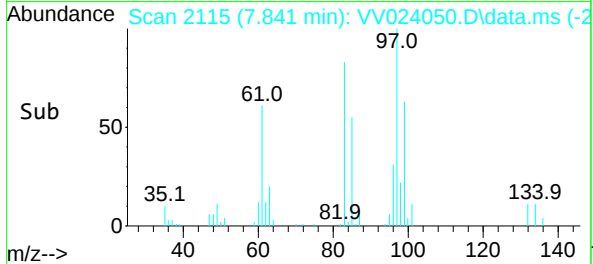
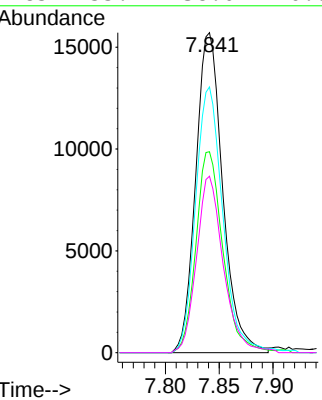
Ion Ratio Lower Upper

97 100

99 62.8 43.1 80.1

83 83.1 57.9 107.5

85 55.1 38.0 70.6



#47

Tetrachloroethene

Concen: 5.498 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Tgt Ion: 164 Resp: 38705

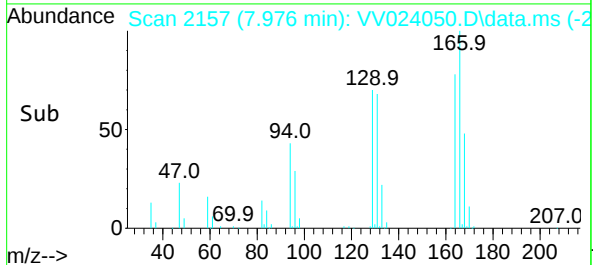
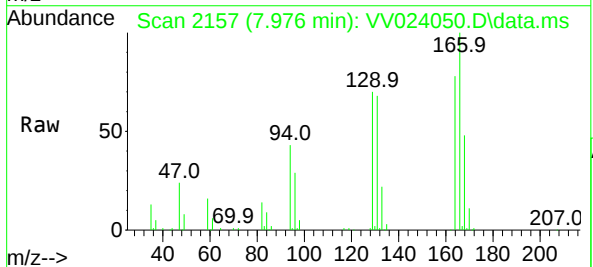
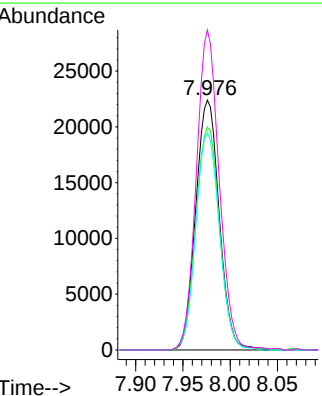
Ion Ratio Lower Upper

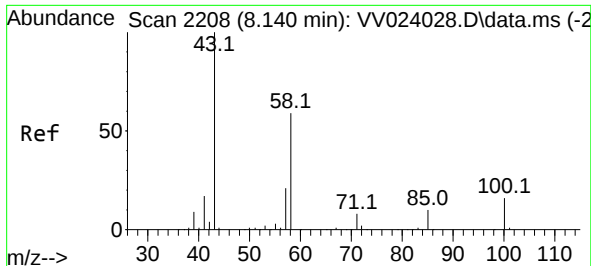
164 100

129 89.2 62.6 116.2

131 86.8 61.0 113.4

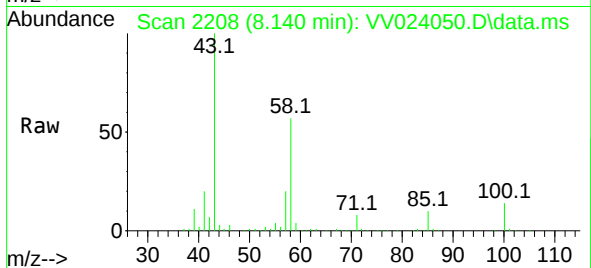
166 128.0 87.3 162.1



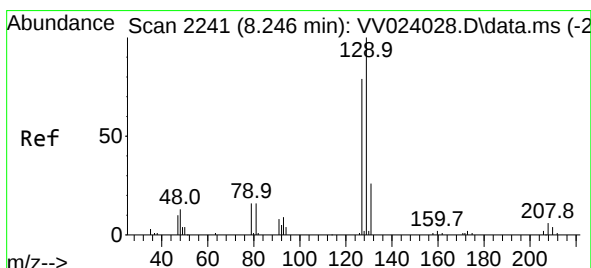
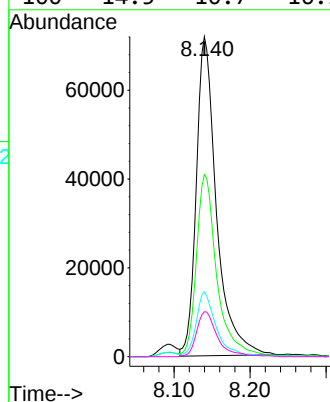
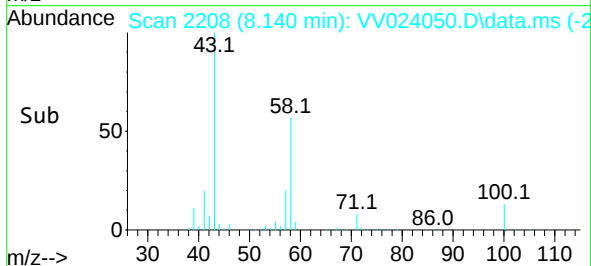


#48
2-Hexanone
Concen: 56.491 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Instrument :
MSVOA_V
ClientSampleId :

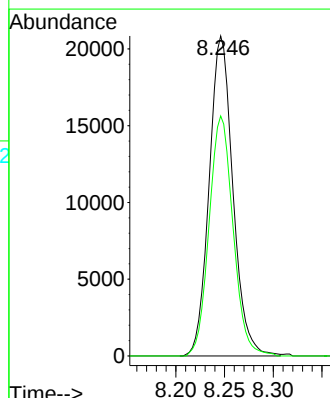
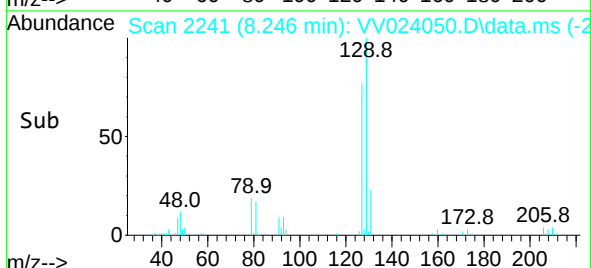
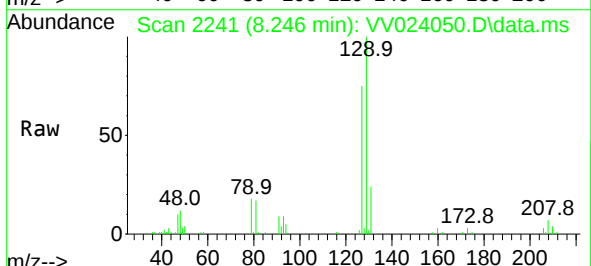


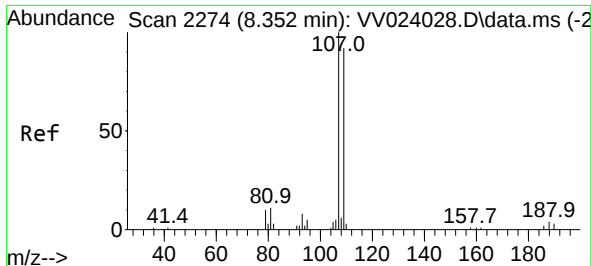
Tgt Ion: 43 Resp: 132595
Ion Ratio Lower Upper
43 100
58 57.9 44.5 66.7
57 20.1 15.1 22.7
100 14.5 10.7 16.1



#49
Dibromochloromethane
Concen: 5.210 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion: 129 Resp: 35337
Ion Ratio Lower Upper
129 100
127 75.0 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.428 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024050.D

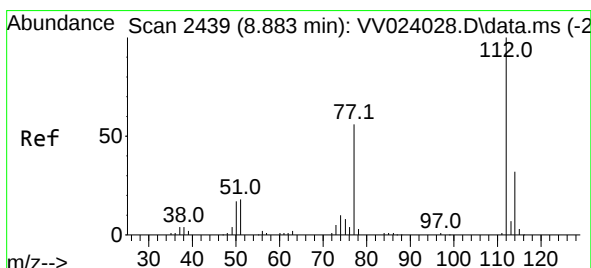
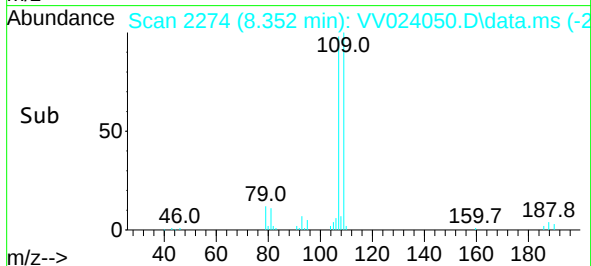
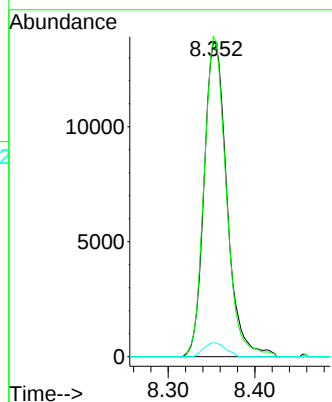
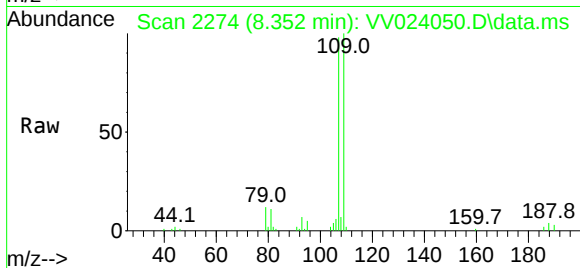
Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	25122
Ion Ratio	Lower	Upper
107	100	
109	102.0	62.5 116.1
188	4.5	3.4 5.2



#51

Chlorobenzene

Concen: 5.388 ug/L

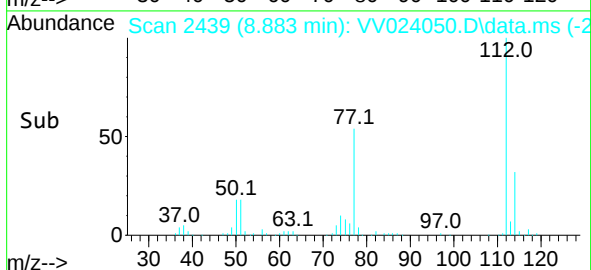
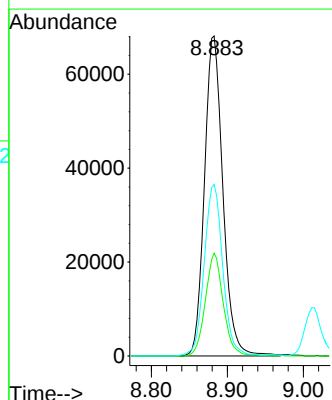
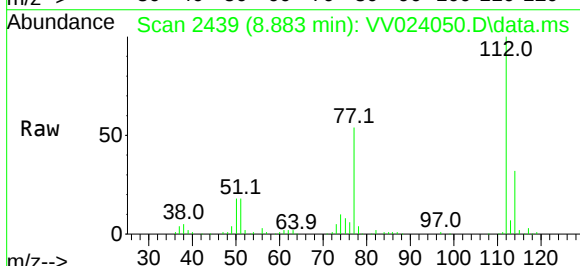
RT: 8.883 min Scan# 2439

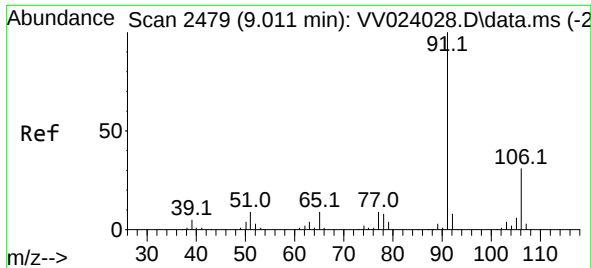
Delta R.T. 0.003 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Tgt Ion:112	Resp:	114904
Ion Ratio	Lower	Upper
112	100	
114	32.1	23.3 43.3
77	53.6	43.3 64.9

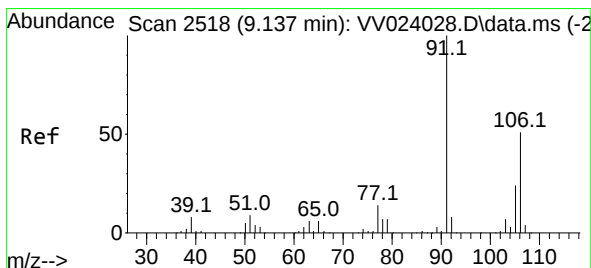
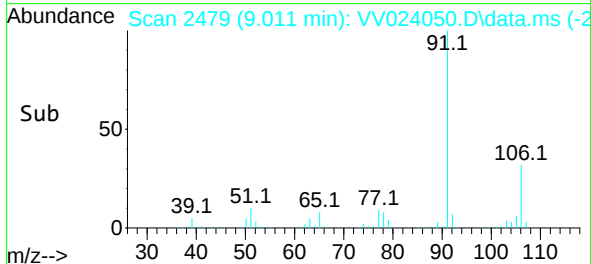
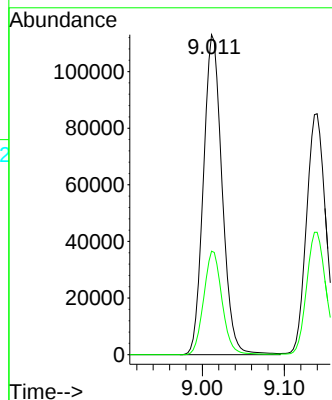
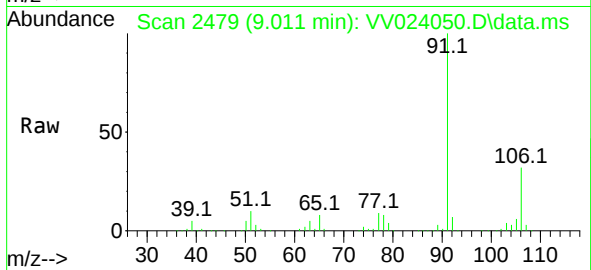




#52
Ethylbenzene
Concen: 5.311 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

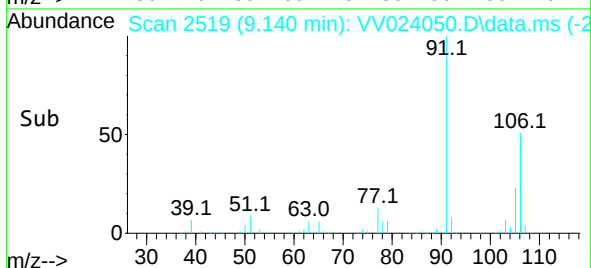
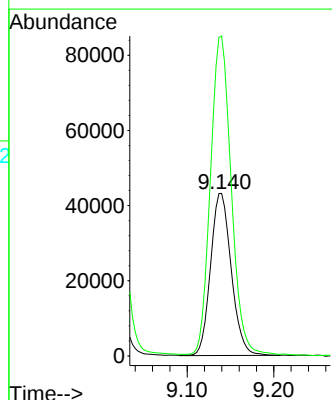
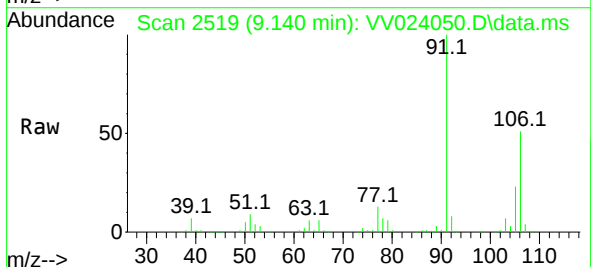
Instrument :
MSVOA_V
ClientSampleId :

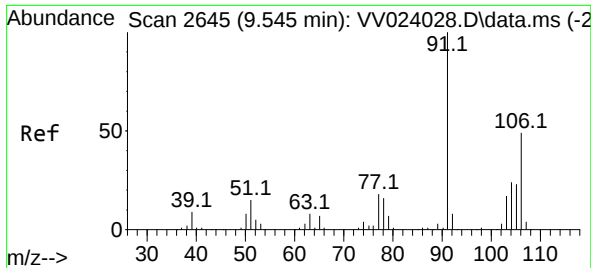
Tgt Ion: 91 Resp: 178812
Ion Ratio Lower Upper
91 100
106 32.3 22.0 41.0



#53
m,p-xylene
Concen: 5.365 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion: 106 Resp: 71436
Ion Ratio Lower Upper
106 100
91 196.9 139.5 259.1

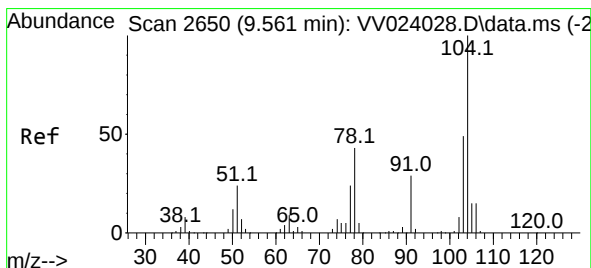
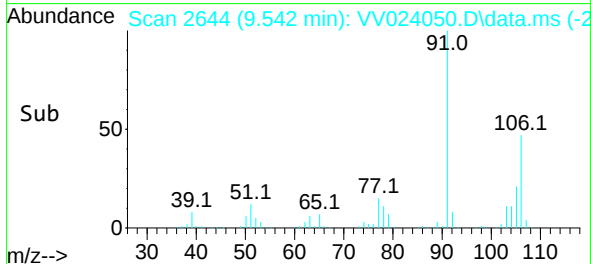
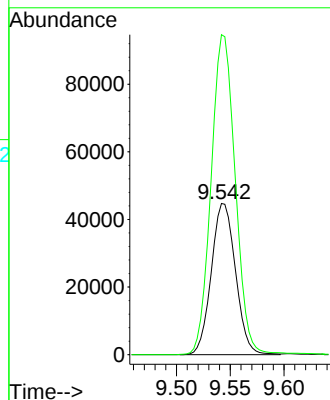
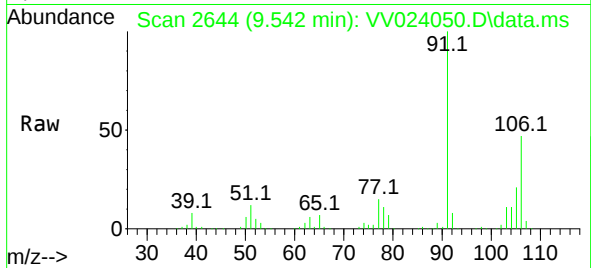




#54
o-xylene
Concen: 5.440 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

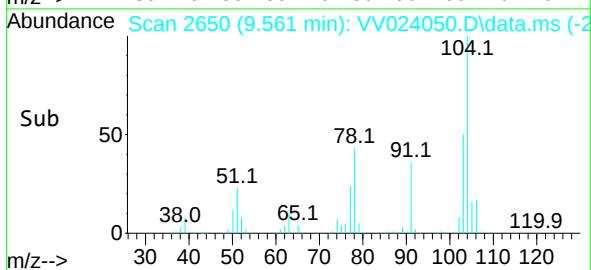
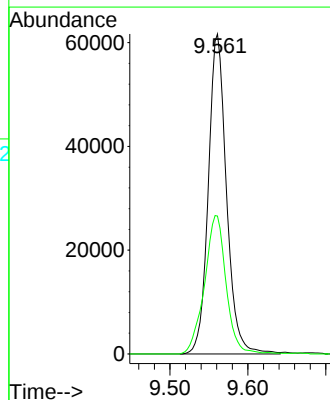
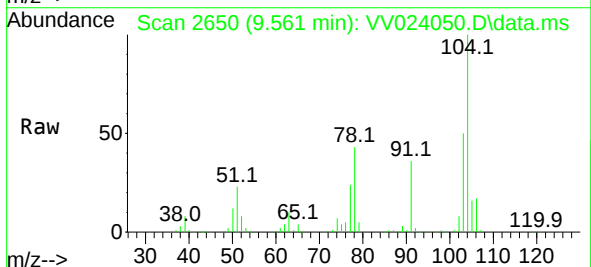
Instrument :
MSVOA_V
ClientSampleId :

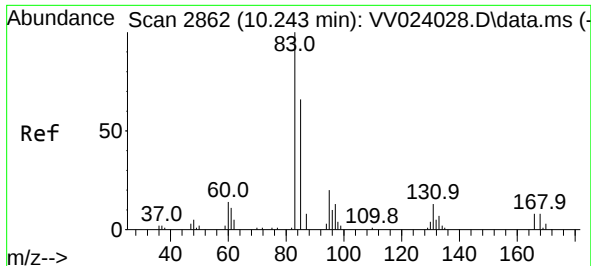
Tgt Ion:106 Resp: 70043
Ion Ratio Lower Upper
106 100
91 211.6 147.9 274.7



#55
Styrene
Concen: 4.660 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion:104 Resp: 99886
Ion Ratio Lower Upper
104 100
78 43.1 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.282 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

ClientSampleId :

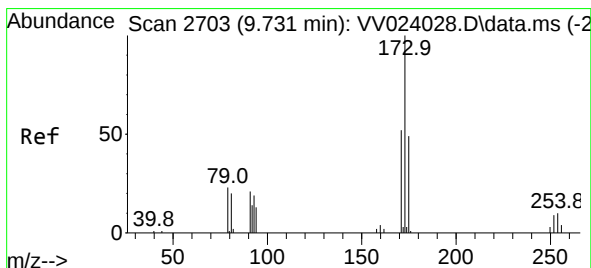
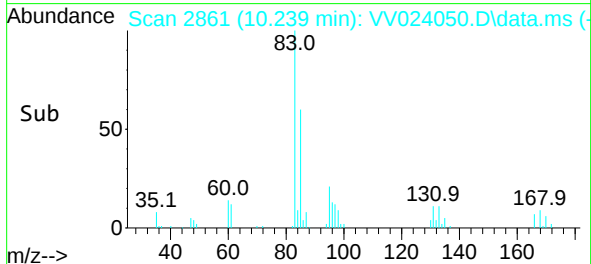
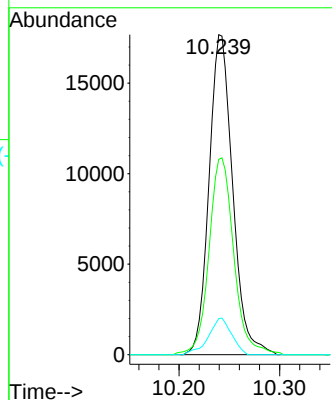
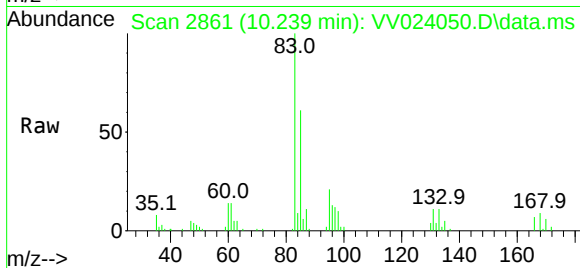
Tgt Ion: 83 Resp: 28834

Ion Ratio Lower Upper

83 100

85 61.1 44.6 82.8

131 11.2 8.3 12.5



#59

Bromoform

Concen: 4.997 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

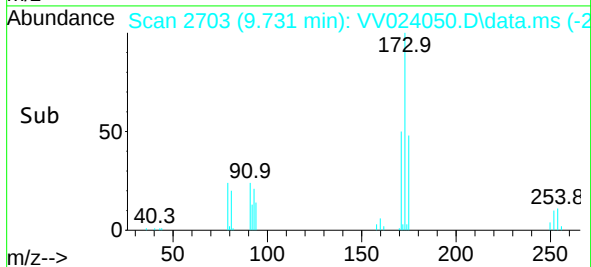
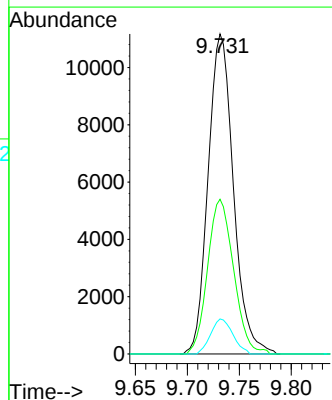
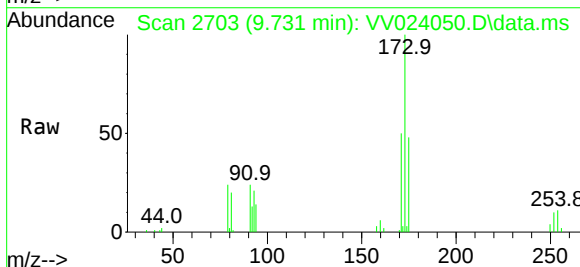
Tgt Ion: 173 Resp: 18891

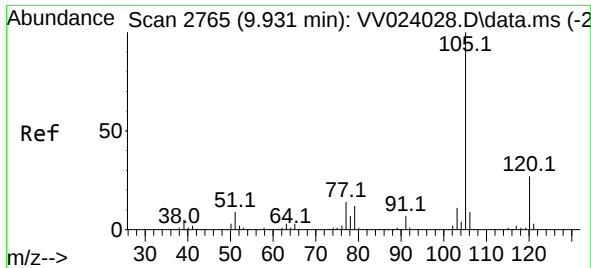
Ion Ratio Lower Upper

173 100

175 49.8 39.4 59.2

254 9.6 7.4 11.0

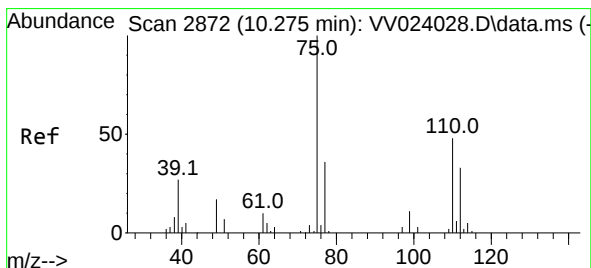
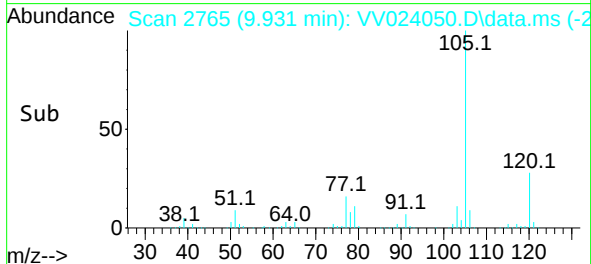
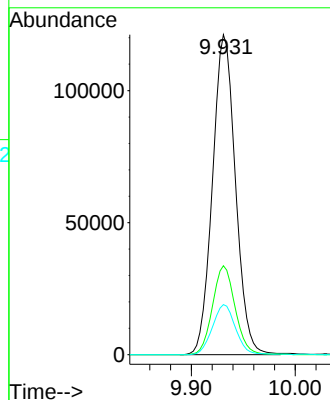
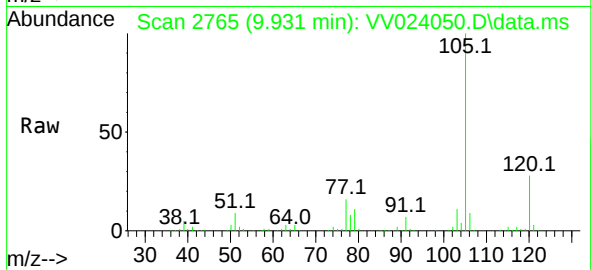




#60
Isopropylbenzene
Concen: 5.382 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

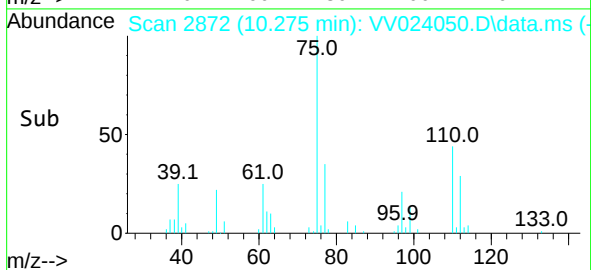
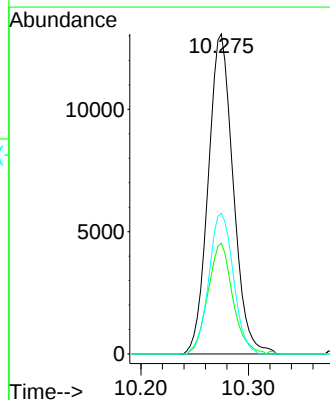
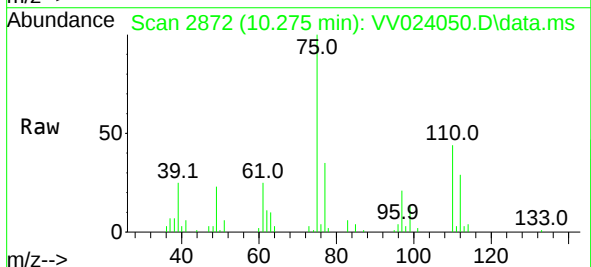
Instrument :
MSVOA_V
ClientSampleId :

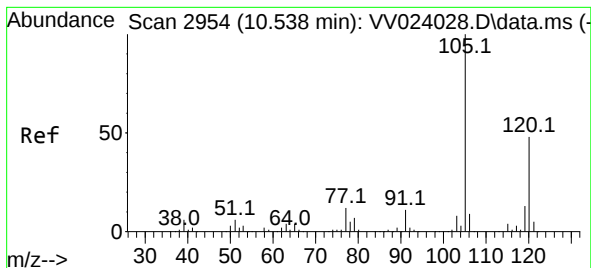
Tgt Ion:105 Resp: 186144
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 15.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.265 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion: 75 Resp: 21129
Ion Ratio Lower Upper
75 100
77 34.2 26.4 39.6
110 43.1 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.371 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024050.D

Acq: 17 Dec 2021 06:53

Instrument :

MSVOA_V

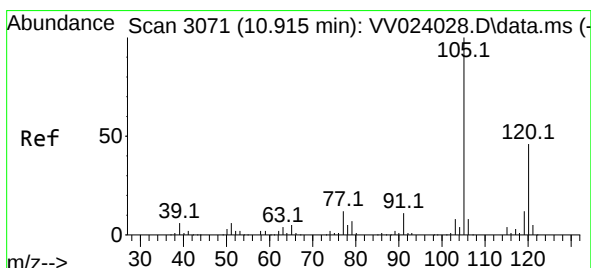
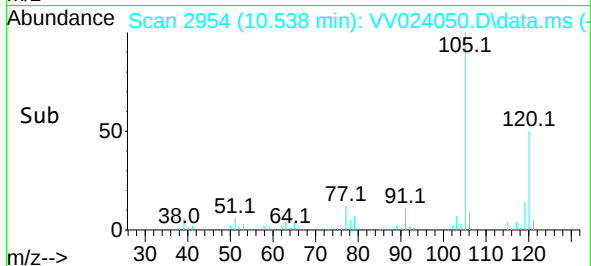
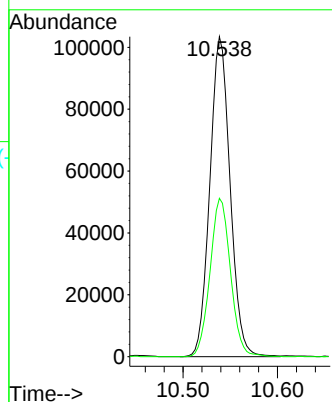
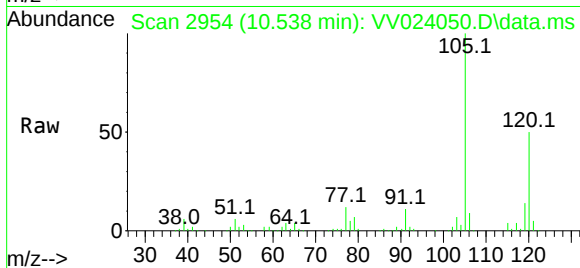
ClientSampleId :

Tgt Ion:105 Resp: 154089

Ion Ratio Lower Upper

105 100

120 50.0 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.409 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV024050.D

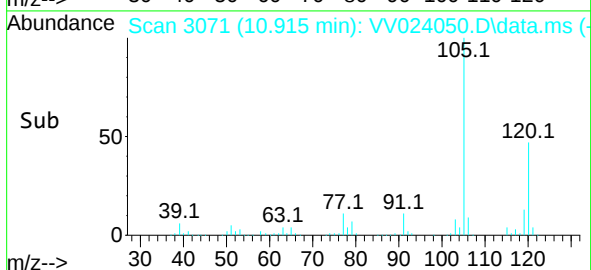
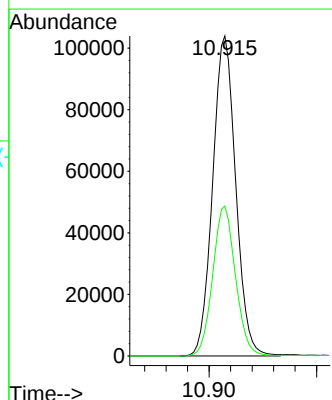
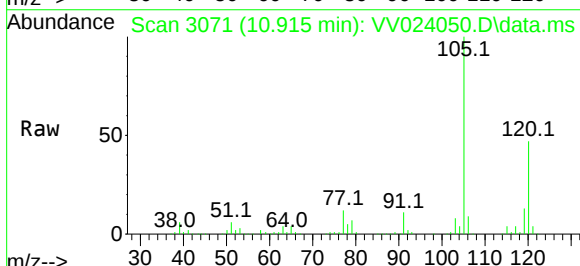
Acq: 17 Dec 2021 06:53

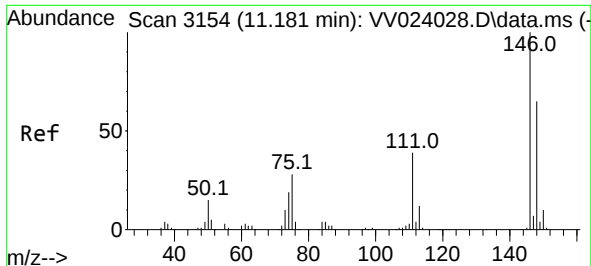
Tgt Ion:105 Resp: 154609

Ion Ratio Lower Upper

105 100

120 46.1 36.7 55.1

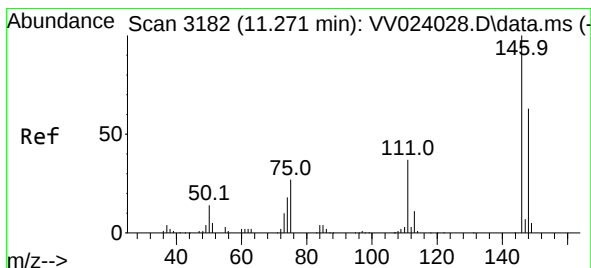
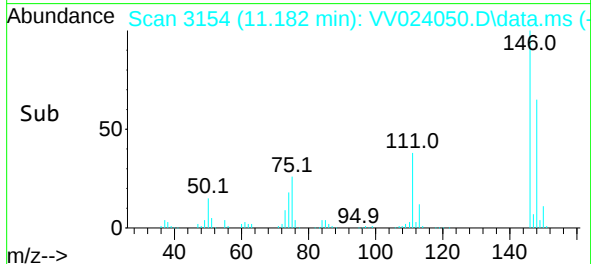
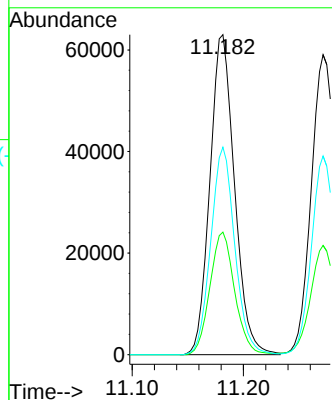
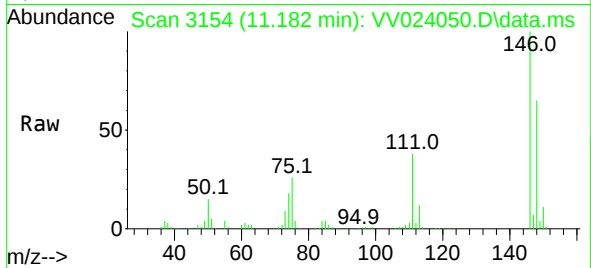




#64
1,3-Dichlorobenzene
Concen: 5.469 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

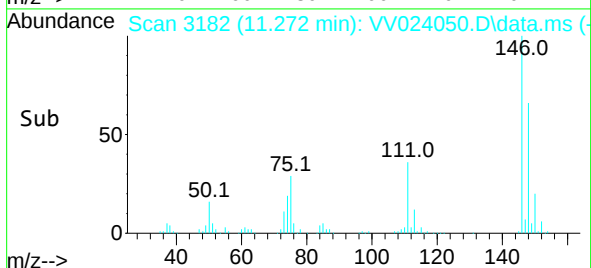
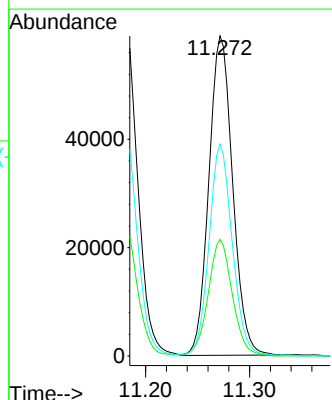
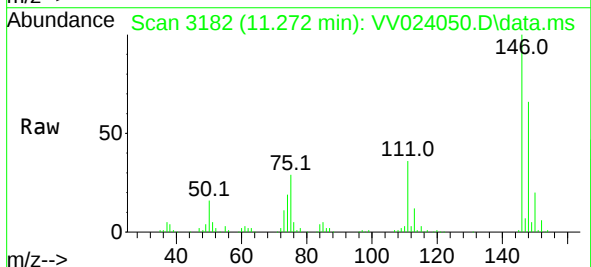
Instrument :
MSVOA_V
ClientSampleId :

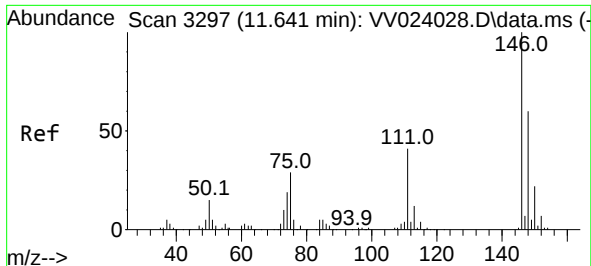
Tgt Ion:146 Resp: 96739
Ion Ratio Lower Upper
146 100
111 38.3 26.3 48.9
148 64.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.281 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

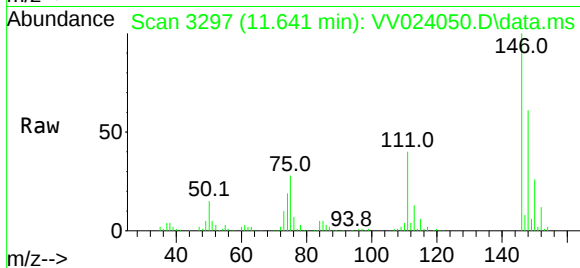
Tgt Ion:146 Resp: 93812
Ion Ratio Lower Upper
146 100
111 36.4 25.6 47.6
148 66.2 44.8 83.2



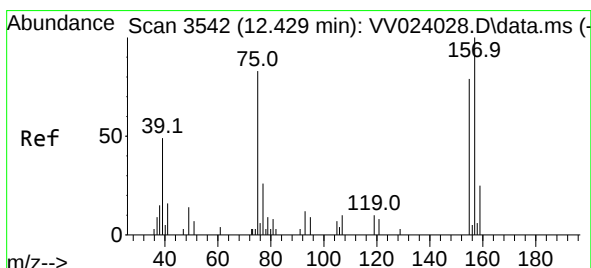
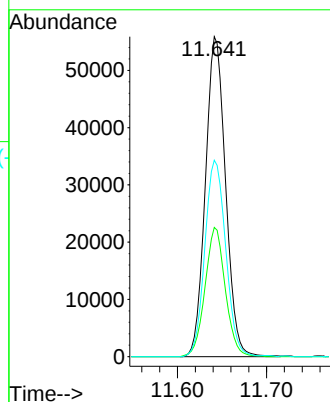
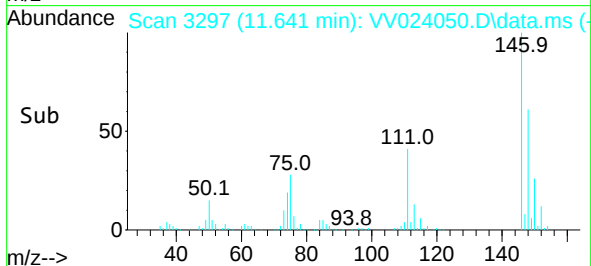


#67
1,2-Dichlorobenzene
Concen: 5.427 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

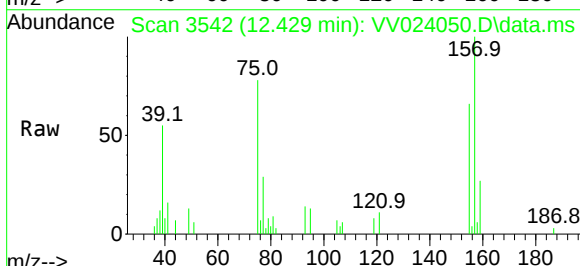
Instrument :
MSVOA_V
ClientSampleId :



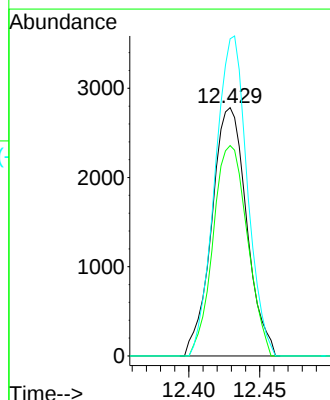
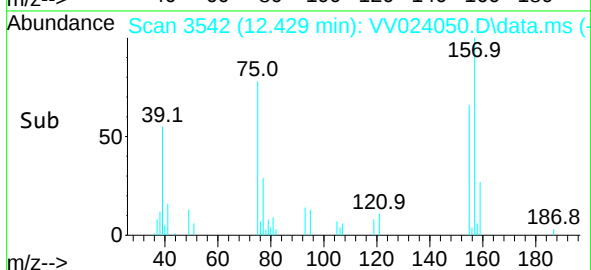
Tgt Ion:146 Resp: 87937
Ion Ratio Lower Upper
146 100
111 40.4 31.9 47.9
148 61.4 50.5 75.7

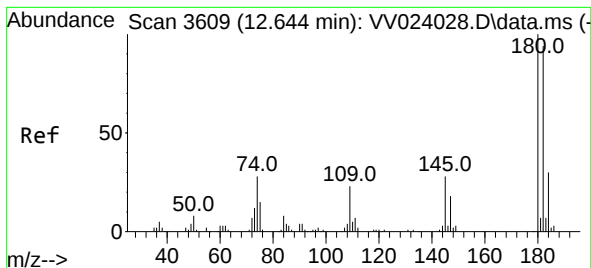


#68
1,2-Dibromo-3-chloropropane
Concen: 5.430 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53



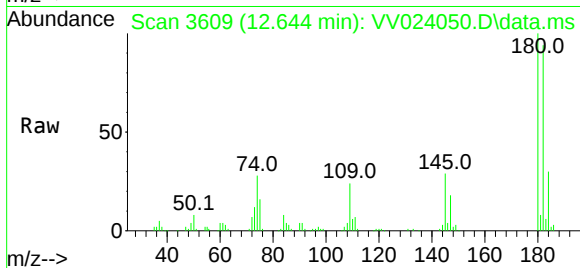
Tgt Ion: 75 Resp: 4759
Ion Ratio Lower Upper
75 100
155 84.7 71.7 107.5
157 127.7 103.3 154.9



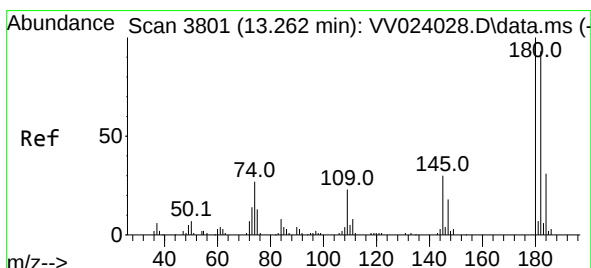
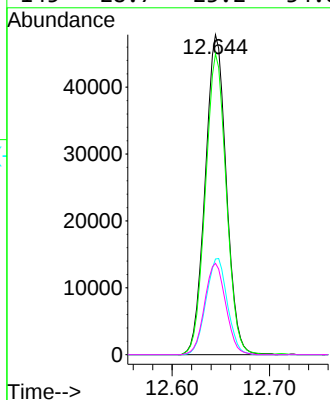
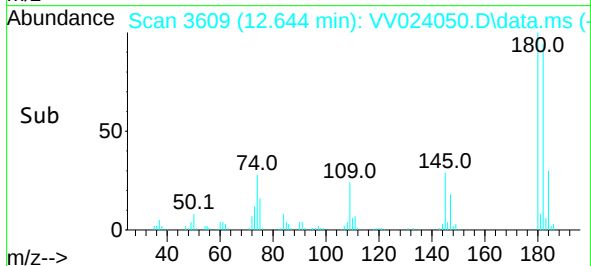


#69
 1,3,5-Trichlorobenzene
 Concen: 4.944 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024050.D
 Acq: 17 Dec 2021 06:53

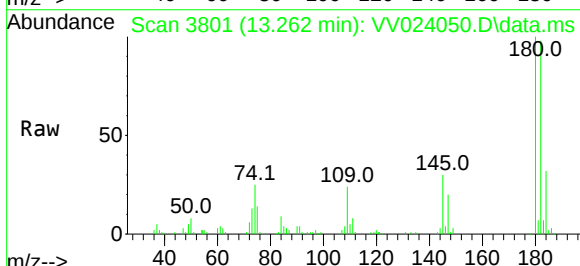
Instrument :
 MSVOA_V
 ClientSampleId :



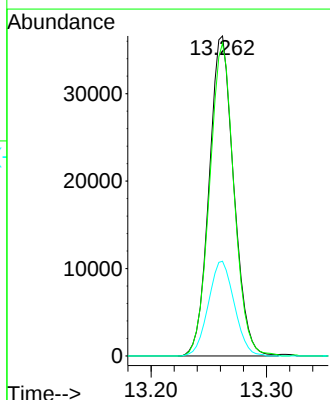
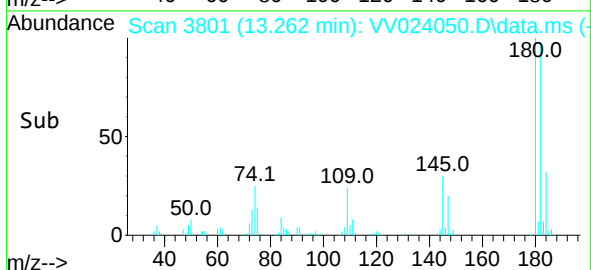
Tgt Ion:180	Resp:	71926
Ion Ratio	Lower	Upper
180	100	
182	93.1	76.4 114.6
184	30.6	24.2 36.4
145	28.7	23.2 34.8

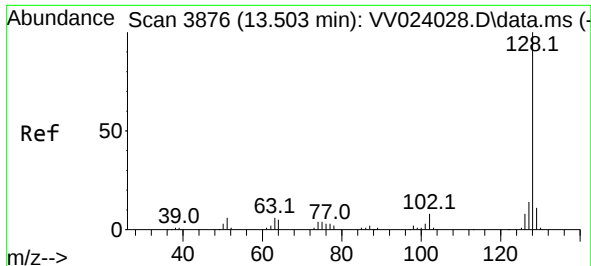


#70
 1,2,4-trichlorobenzene
 Concen: 4.746 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV024050.D
 Acq: 17 Dec 2021 06:53



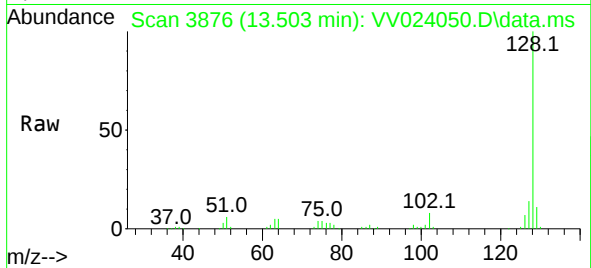
Tgt Ion:180	Resp:	54224
Ion Ratio	Lower	Upper
180	100	
182	96.7	74.4 111.6
145	31.1	23.3 34.9



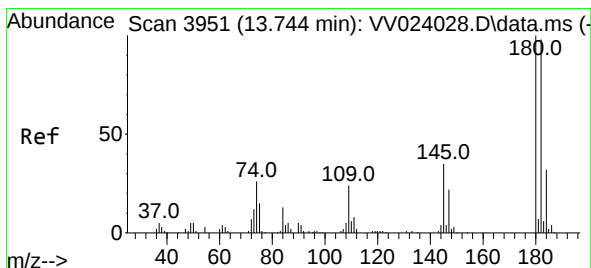
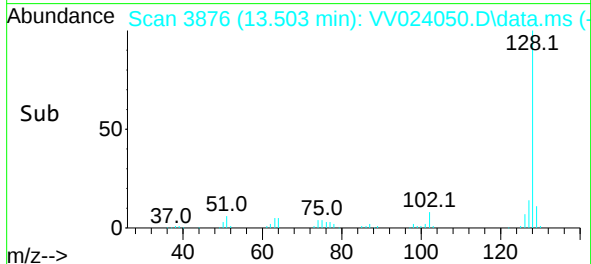
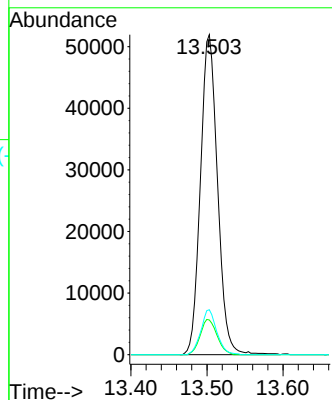


#71
Naphthalene
Concen: 4.943 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 81171
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.101 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024050.D
Acq: 17 Dec 2021 06:53

Tgt Ion:180 Resp: 51454
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 31.0 25.8 38.6

