

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028068.D
 Acq On : 22 Sep 2022 18:11
 Operator : SY/MD
 Sample : VIBLK291
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 04:24:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:15:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	198175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	192347	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	92609	4.508	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.561	69	74735	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.098	63	122411	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.886	46	153821	44.347	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.700%
24) Chloroform-d	4.339	84	152271	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.027	65	74929	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.043	84	303955	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.066	67	92367	4.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.310	98	242840	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.622	79	32590	4.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.085	63	139618	47.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62107	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	86473	5.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	760	0.039	ug/L #	71
5) Vinyl chloride	1.304	62	719	0.047	ug/L #	1
6) Bromomethane	1.516	94	559	0.056	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1545	0.110	ug/L #	47
12) 1,1-Dichloroethene	2.101	96	1369	0.100	ug/L #	1
14) Carbon disulfide	2.285	76	3601	0.137	ug/L #	92
16) Methylene chloride	2.500	84	8597	0.562	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	585	0.049	ug/L	81
35) Methylcyclohexane	6.063	83	22183	1.217	ug/L #	17
50) 1,2-Dibromoethane	8.365	107	291	0.033	ug/L #	42
51) Chlorobenzene	8.889	112	1451	0.039	ug/L #	52
61) 1,2,3-Trichloropropane	11.181	75	670	0.093	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.918	105	1477	0.104	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	2662	0.134	ug/L	90
70) 1,2,4-trichlorobenzene	13.262	180	4236	0.266	ug/L	98
71) Naphthalene	13.506	128	14029	0.538	ug/L	97
72) 1,2,3-Trichlorobenzene	13.741	180	5439	0.378	ug/L	96

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 23 04:15:29 2022
Response via : Initial Calibration

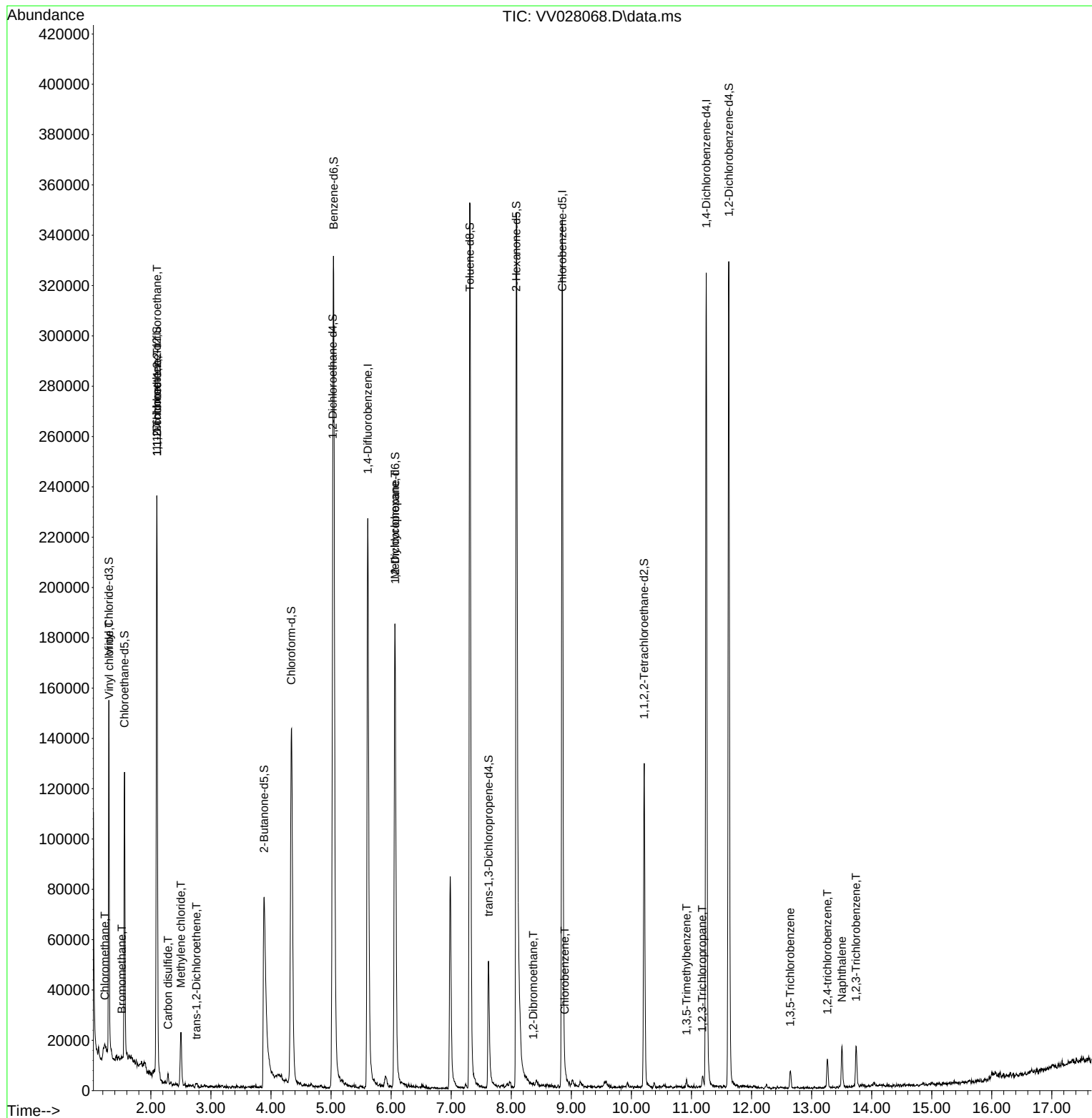
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

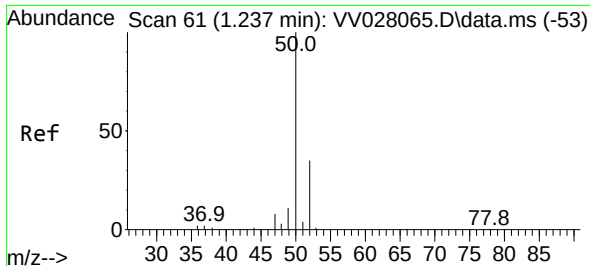
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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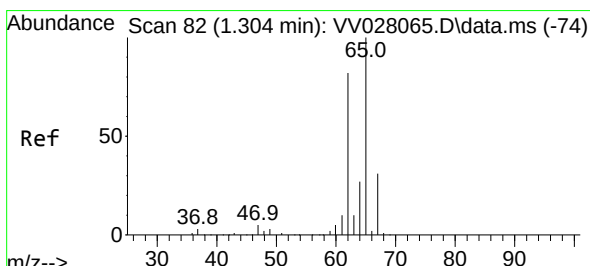
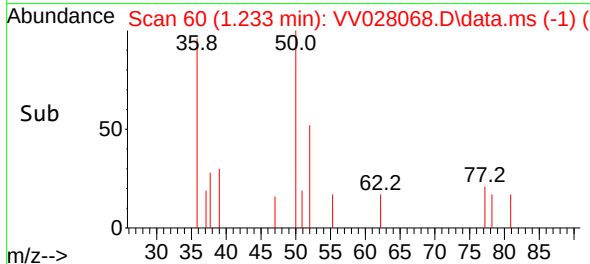
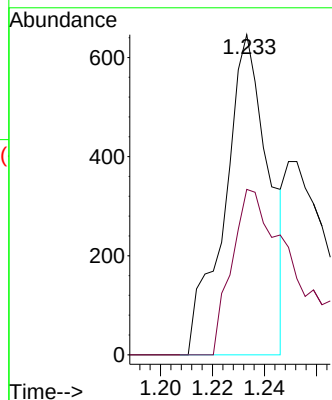
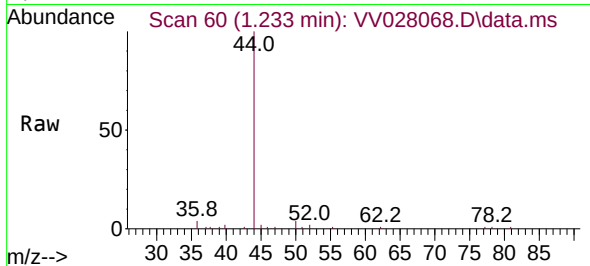




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

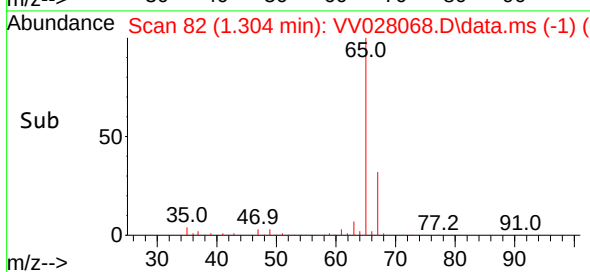
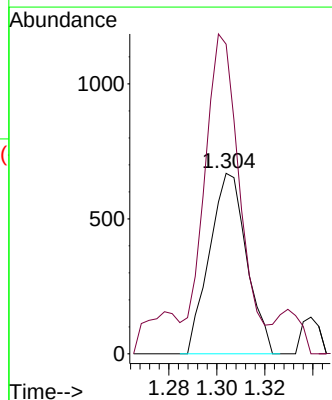
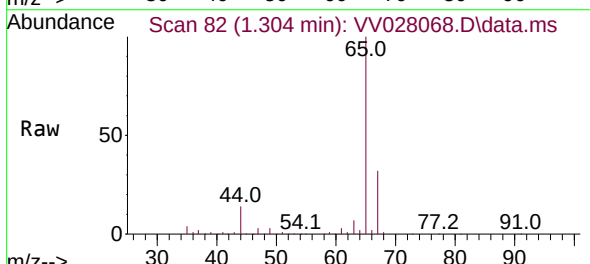
Instrument :
MSVOA_V
ClientSampleId :

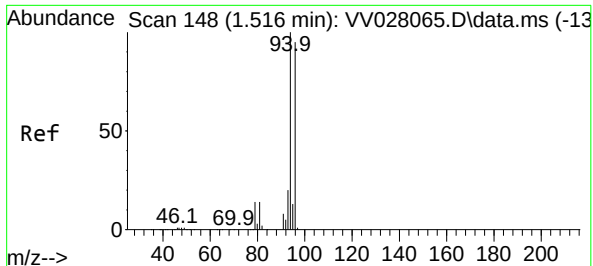
Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 51.7 24.4 45.2#



#5
Vinyl chloride
Concen: 0.047 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

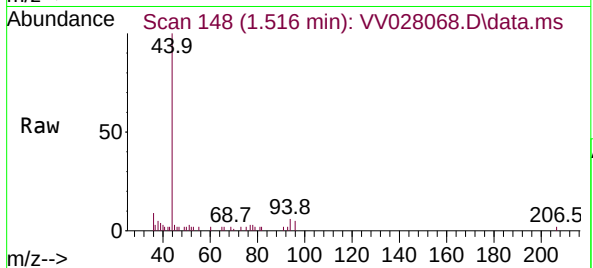
Tgt Ion: 62 Resp: 719
Ion Ratio Lower Upper
62 100
64 171.4 23.0 42.8#



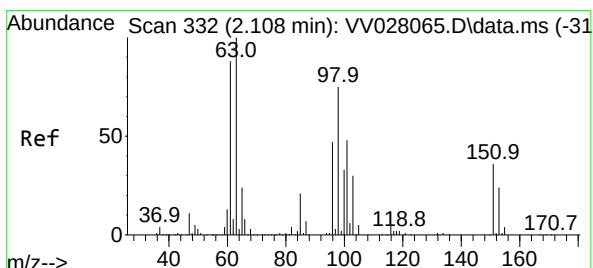
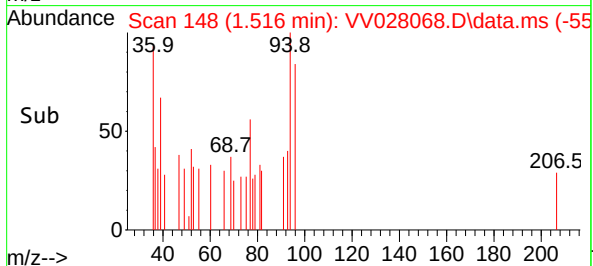
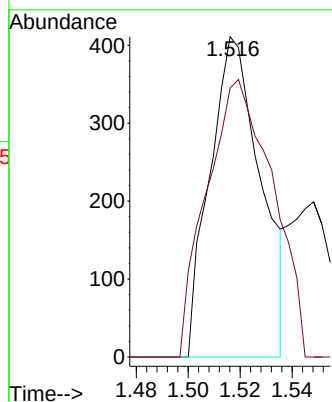


#6
Bromomethane
Concen: 0.056 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.000 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

Instrument :
MSVOA_V
ClientSampleId :

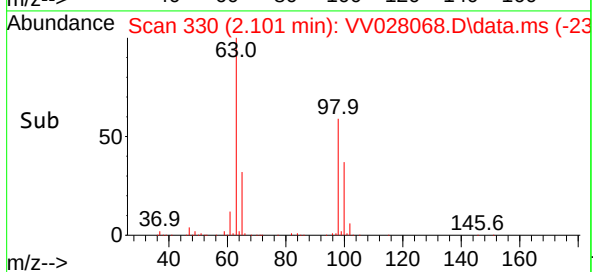
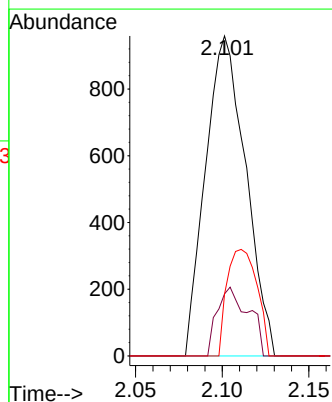
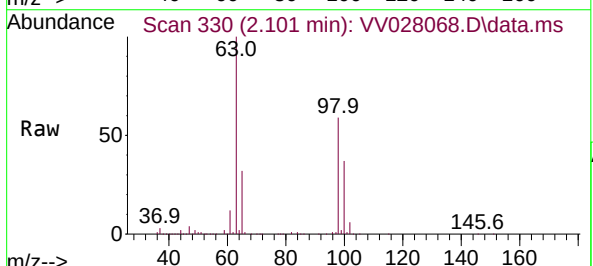


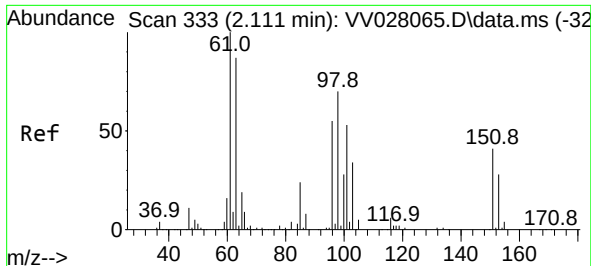
Tgt Ion: 94 Resp: 559
Ion Ratio Lower Upper
94 100
96 83.9 66.7 123.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.110 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.007 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

Tgt Ion: 101 Resp: 1545
Ion Ratio Lower Upper
101 100
85 16.8 34.4 51.6#
151 24.9 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.100 ug/L

RT: 2.101 min Scan# 311

Delta R.T. -0.010 min

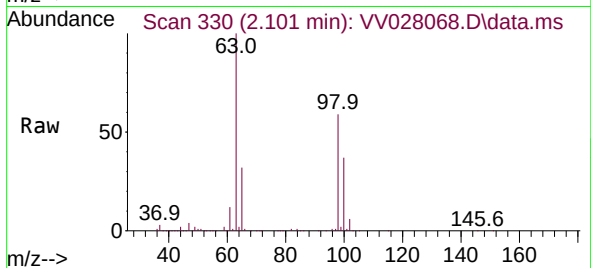
Lab File: VV028068.D

Acq: 22 Sep 2022 18:11

Instrument :

MSVOA_V

ClientSampleId :



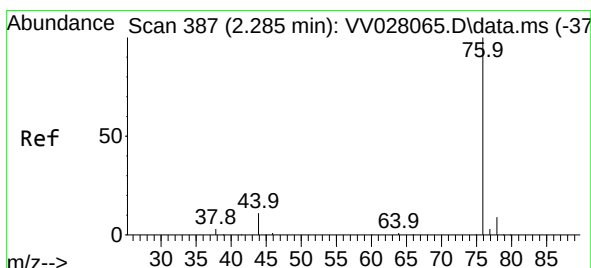
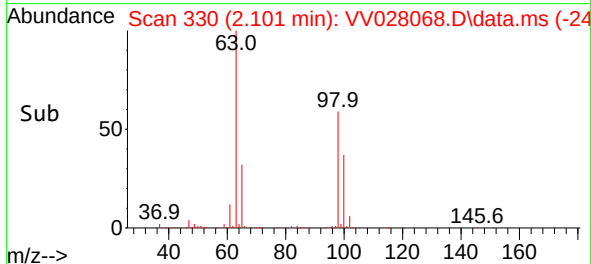
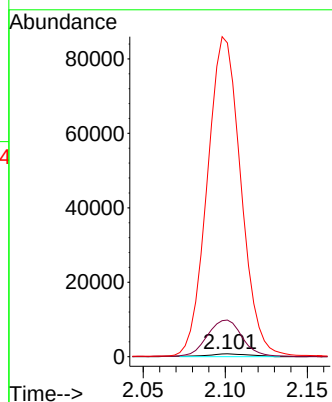
Tgt Ion: 96 Resp: 1369

Ion Ratio Lower Upper

96 100

61 1300.1 128.3 238.3#

63 11124.0 112.7 209.3#



#14

Carbon disulfide

Concen: 0.137 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028068.D

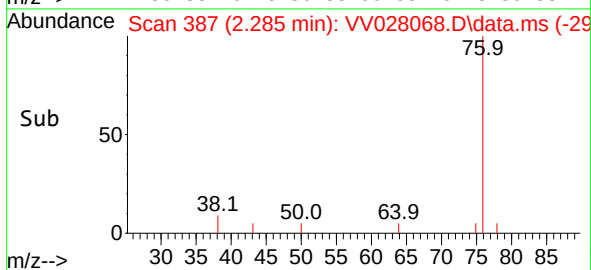
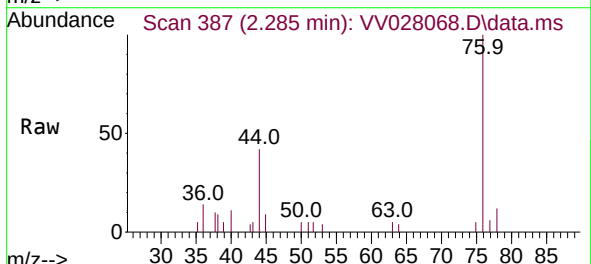
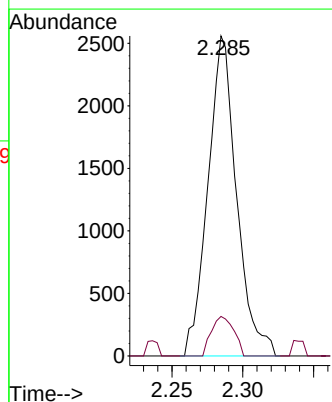
Acq: 22 Sep 2022 18:11

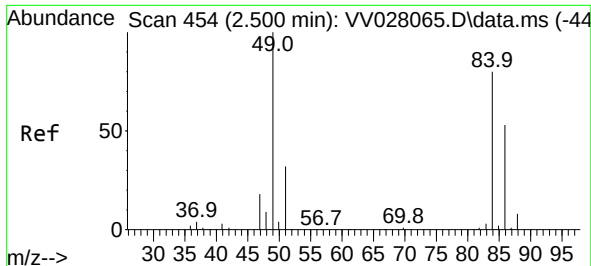
Tgt Ion: 76 Resp: 3601

Ion Ratio Lower Upper

76 100

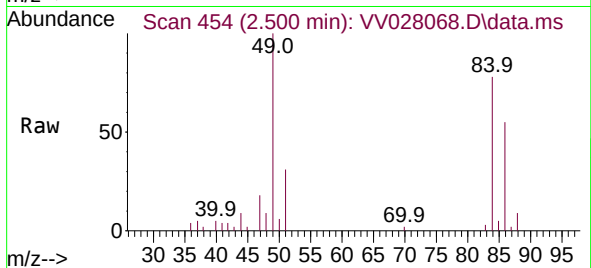
78 12.3 7.6 11.4#





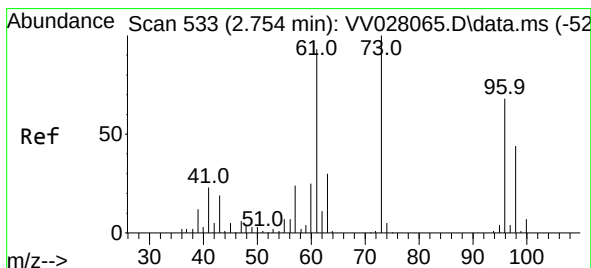
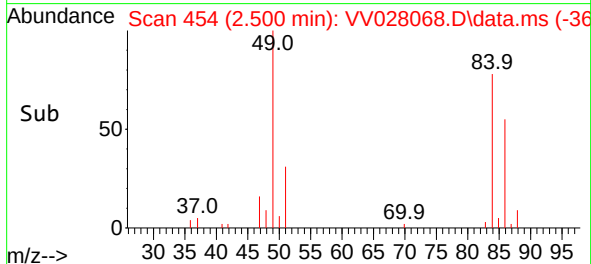
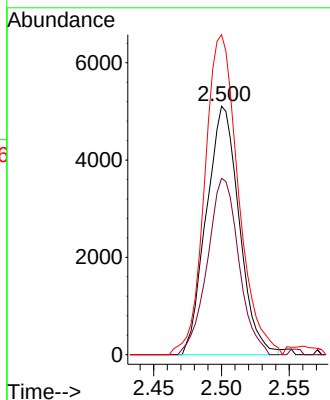
#16
Methylene chloride
Concen: 0.562 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 8597

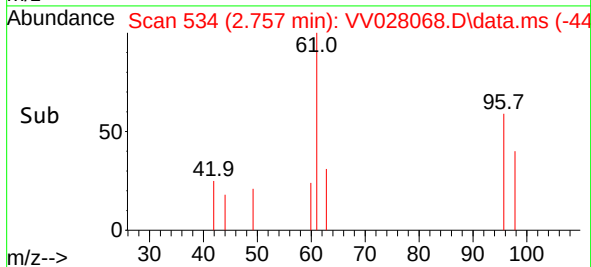
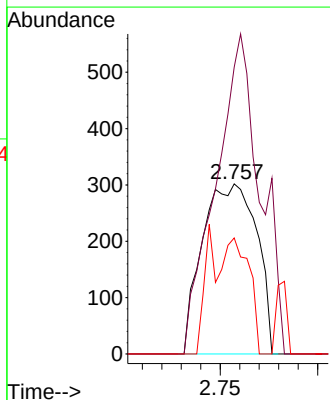
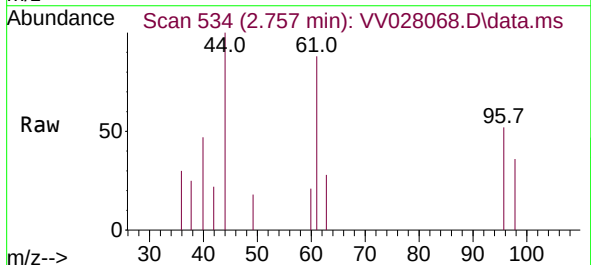
Ion	Ratio	Lower	Upper
84	100		
86	71.0	46.8	86.8
49	128.8	87.5	162.5

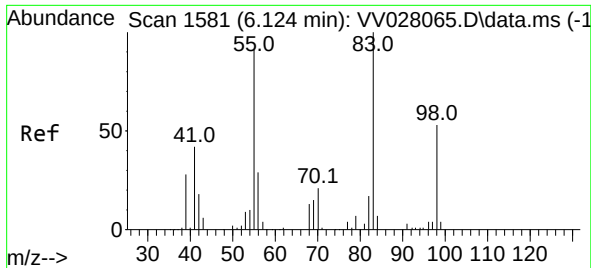


#18
trans-1,2-Dichloroethene
Concen: 0.049 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

Tgt Ion: 96 Resp: 585

Ion	Ratio	Lower	Upper
96	100		
61	168.5	96.2	178.6
98	68.2	45.7	84.9

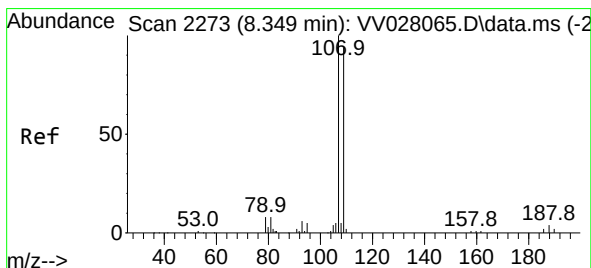
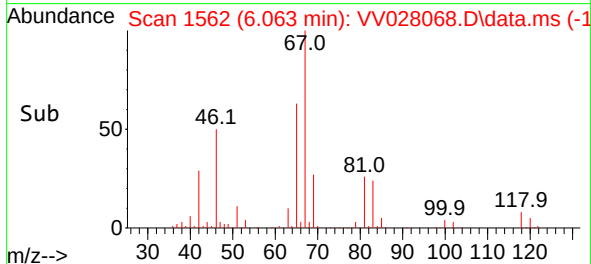
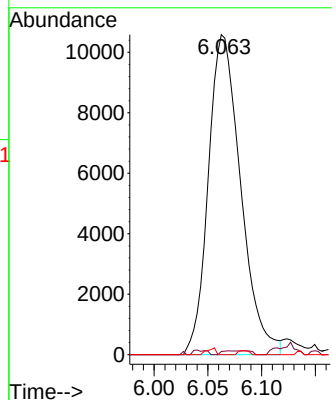
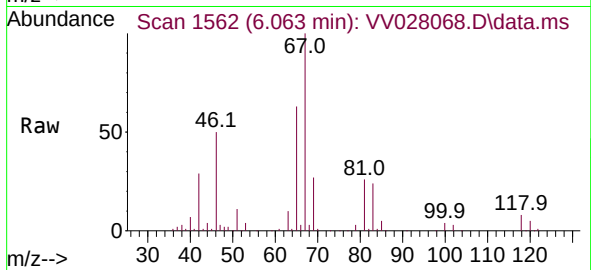




#35
Methylcyclohexane
Concen: 1.217 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

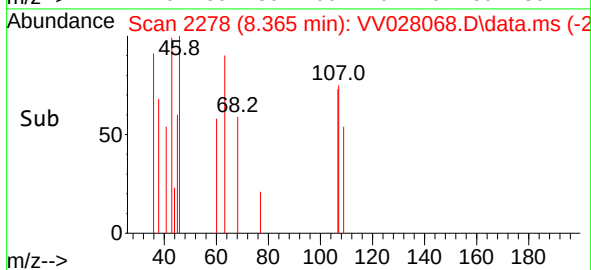
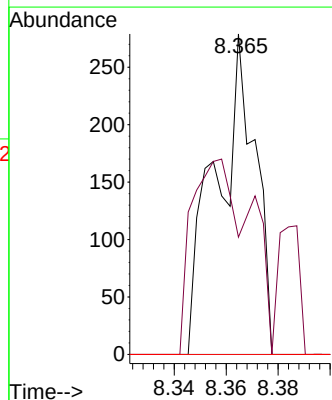
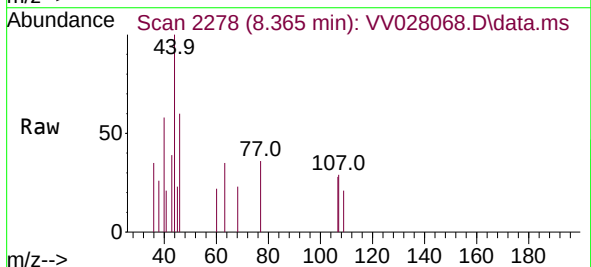
Instrument :
MSVOA_V
ClientSampleId :

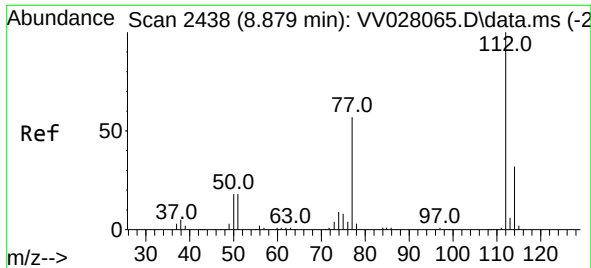
Tgt Ion: 83 Resp: 22183
Ion Ratio Lower Upper
83 100
55 0.6 64.7 97.1#
98 0.6 39.5 59.3#



#50
1,2-Dibromoethane
Concen: 0.033 ug/L
RT: 8.365 min Scan# 2278
Delta R.T. 0.016 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

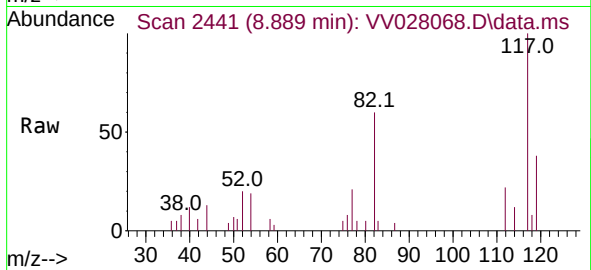
Tgt Ion: 107 Resp: 291
Ion Ratio Lower Upper
107 100
109 36.6 65.9 122.5#
188 0.0 3.4 5.0#



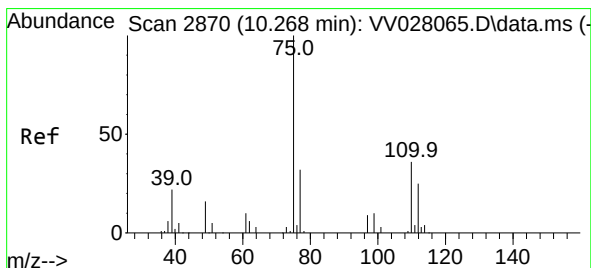
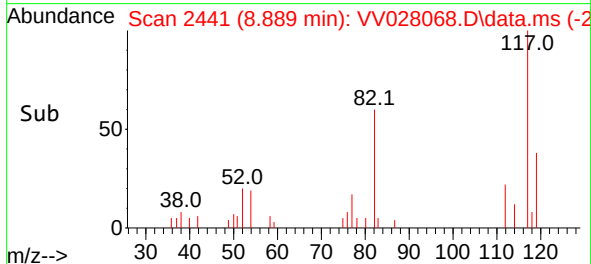
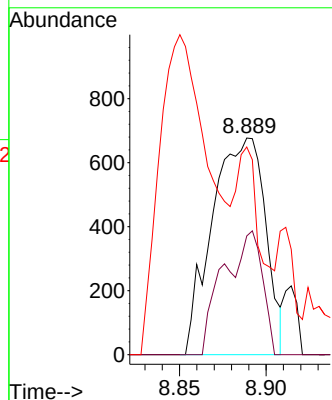


#51
Chlorobenzene
Concen: 0.039 ug/L
RT: 8.889 min Scan# 2438
Delta R.T. 0.009 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

Instrument :
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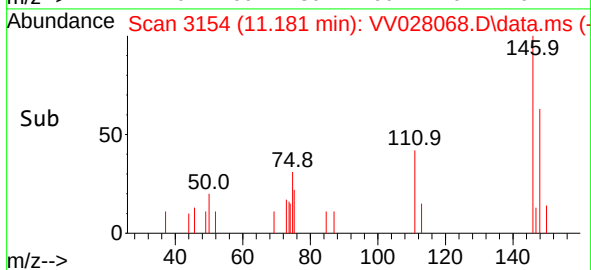
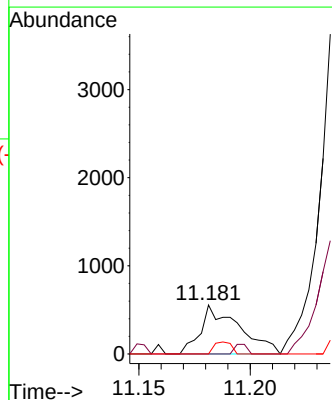
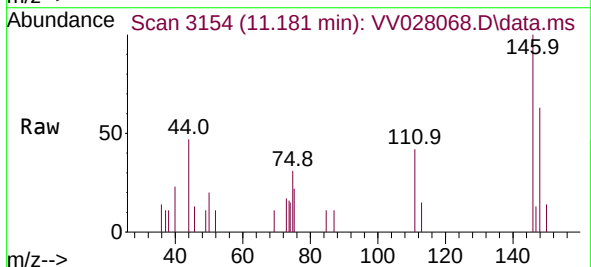


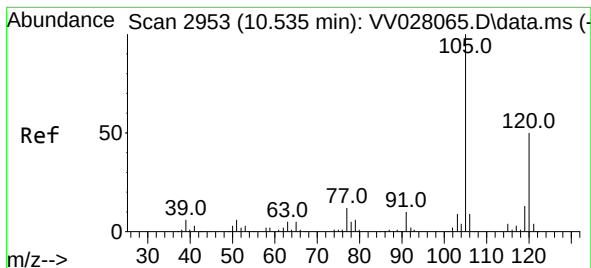
Tgt Ion:112 Resp: 1451
Ion Ratio Lower Upper
112 100
114 54.8 22.5 41.7#
77 95.9 46.1 69.1#



#61
1,2,3-Trichloropropane
Concen: 0.093 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.913 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

Tgt Ion: 75 Resp: 670
Ion Ratio Lower Upper
75 100
77 16.1 26.7 40.1#
110 10.9 30.1 45.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.104 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.382 min

Lab File: VV028068.D

Acq: 22 Sep 2022 18:11

Instrument :

MSVOA_V

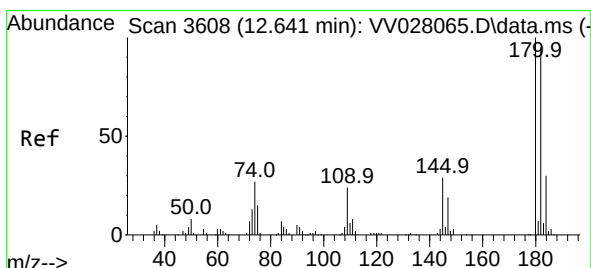
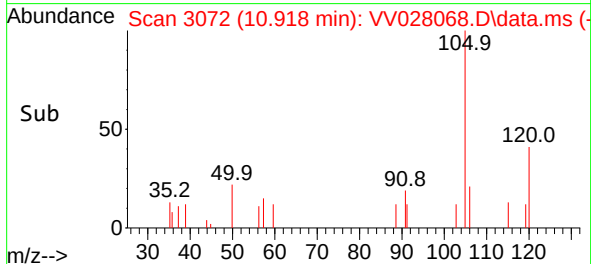
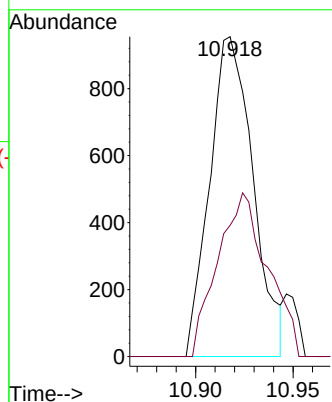
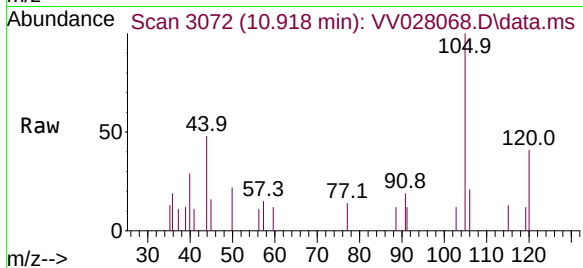
ClientSampleId :

Tgt Ion:105 Resp: 1477

Ion Ratio Lower Upper

105 100

120 58.8 40.6 61.0



#69

1,3,5-Trichlorobenzene

Concen: 0.134 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV028068.D

Acq: 22 Sep 2022 18:11

Tgt Ion:180 Resp: 2662

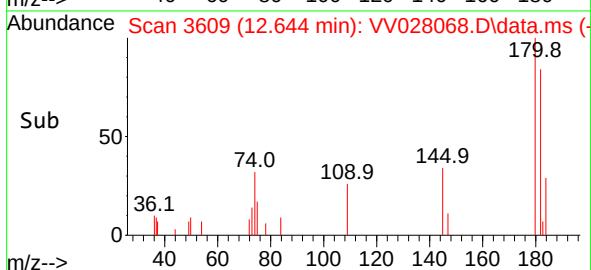
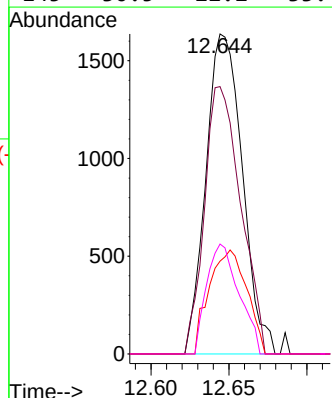
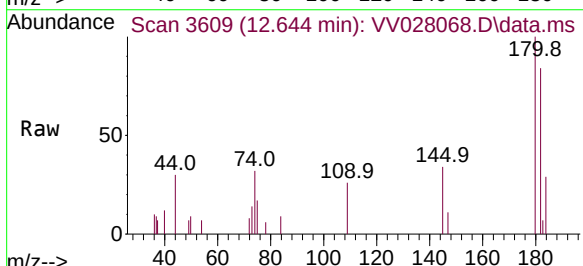
Ion Ratio Lower Upper

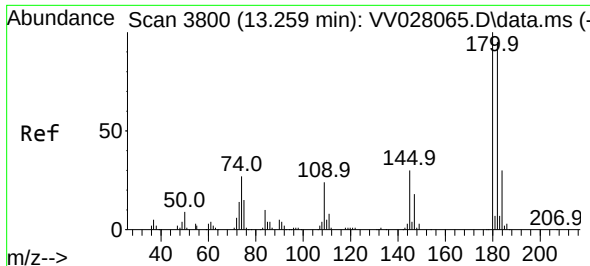
180 100

182 83.2 75.5 113.3

184 33.6 23.7 35.5

145 30.5 22.2 33.4

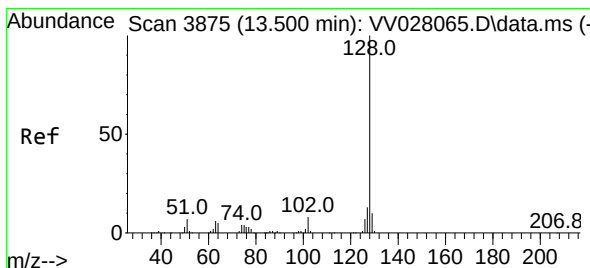
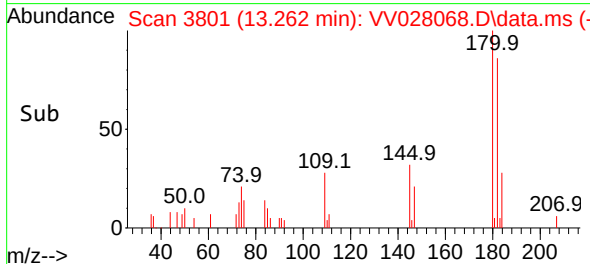
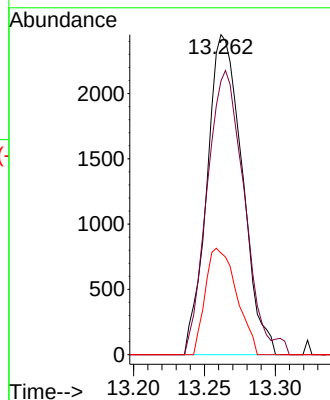
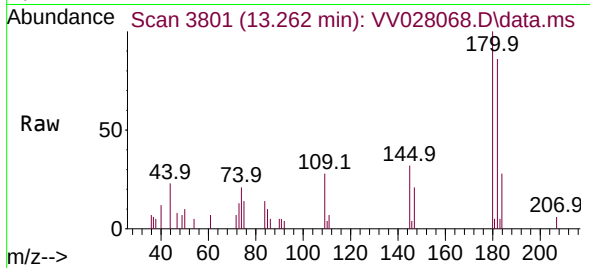




#70
1,2,4-trichlorobenzene
Concen: 0.266 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

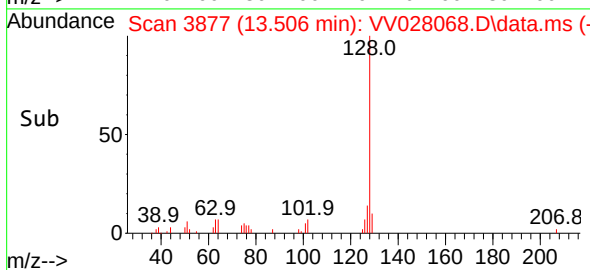
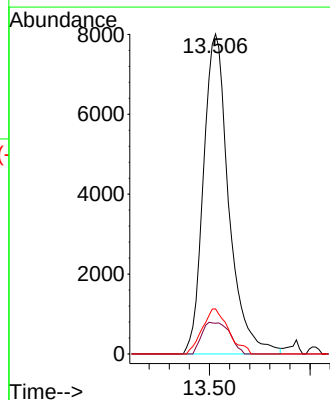
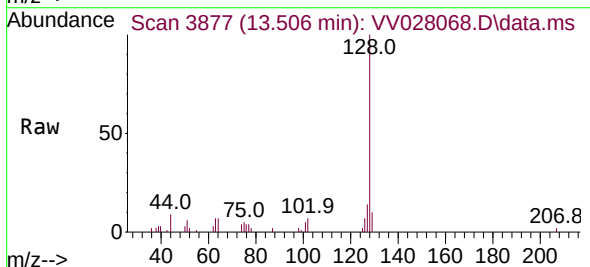
Instrument :
MSVOA_V
ClientSampleId :

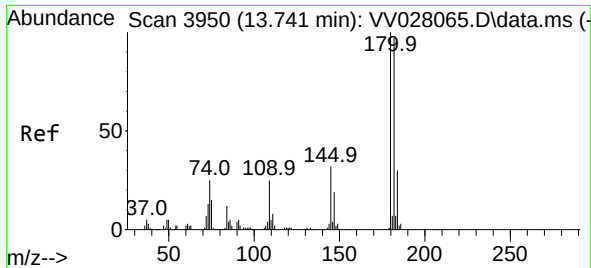
Tgt Ion:180 Resp: 4236
Ion Ratio Lower Upper
180 100
182 93.6 76.3 114.5
145 29.5 22.9 34.3



#71
Naphthalene
Concen: 0.538 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV028068.D
Acq: 22 Sep 2022 18:11

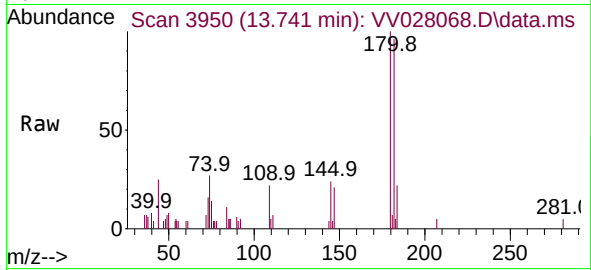
Tgt Ion:128 Resp: 14029
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.2
127 14.5 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.378 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. -0.000 min
 Lab File: VV028068.D
 Acq: 22 Sep 2022 18:11

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	5439
Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.4	116.0
145	27.7	24.6	36.8

