

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023965.D
 Acq On : 14 Dec 2021 14:07
 Operator : SY/MD
 Sample : M5005-08DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW211DL2

Quant Time: Dec 15 01:39:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	98523	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	106718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56086	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20193	3.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.568	69	21087	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.108	63	29594	2.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.905	46	44222	42.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.480%
24) Chloroform-d	4.352	84	59295	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.037	65	29175	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.053	84	92147	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.072	67	31214	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.320	98	70461	3.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.628	79	11367	4.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.091	63	55671	47.007	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25554	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	39758	5.307	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						Qvalue
16) Methylene chloride	2.510	84	3741	0.433	ug/L	95
27) 1,2-Dichloroethane	5.056	62	702	0.089	ug/L #	73
34) Trichloroethene	5.921	95	2284	0.268	ug/L	97
35) Methylcyclohexane	6.072	83	8413	0.671	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	3946	0.550	ug/L #	84
39) cis-1,3-Dichloropropene	6.998	75	899	0.084	ug/L	87
47) Tetrachloroethene	7.985	164	1248	0.166	ug/L	91
48) 2-Hexanone	8.091	43	6558	2.624	ug/L #	71
49) Dibromochloromethane	7.982	129	1082	0.150	ug/L #	11
51) Chlorobenzene	8.886	112	20693	0.911	ug/L	96
61) 1,2,3-Trichloropropane	11.181	75	18875	4.940	ug/L #	48
64) 1,3-Dichlorobenzene	11.181	146	72980	4.333	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	265575	15.700	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	320972	20.802	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	17218	1.583	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	8398	0.874	ug/L	96

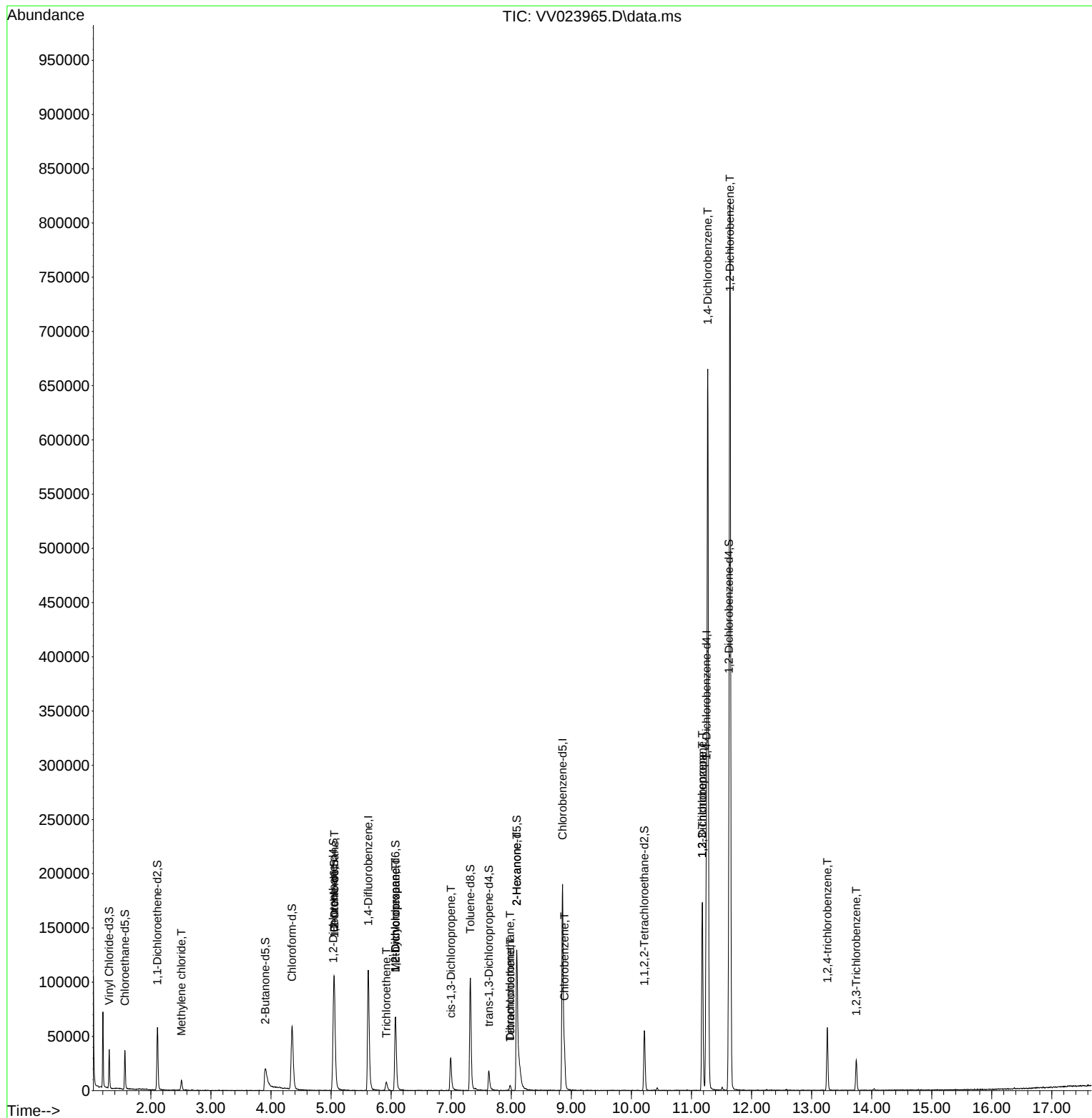
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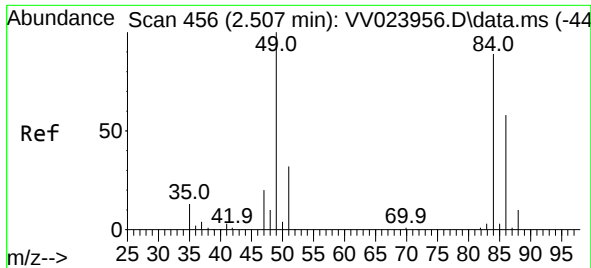
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration

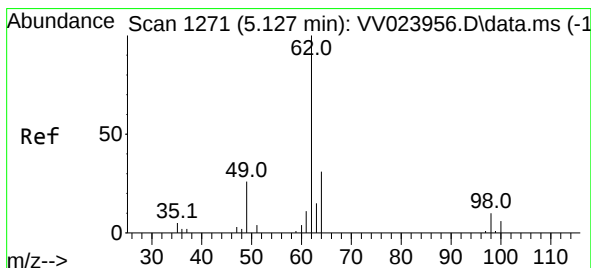
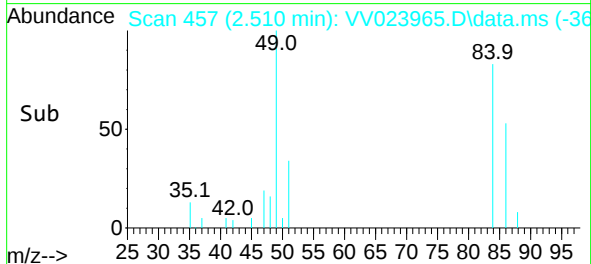
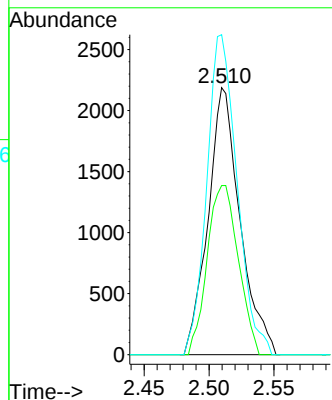
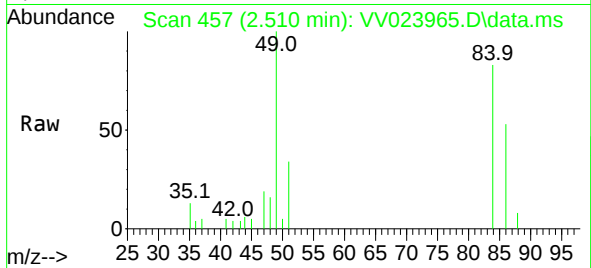




#16
Methylene chloride
Concen: 0.433 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

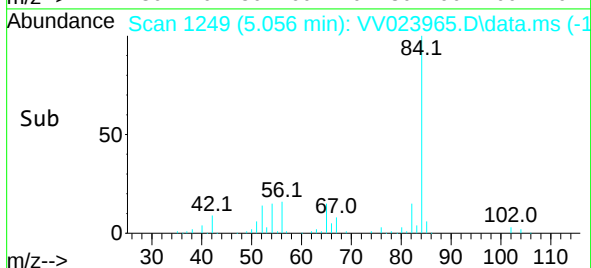
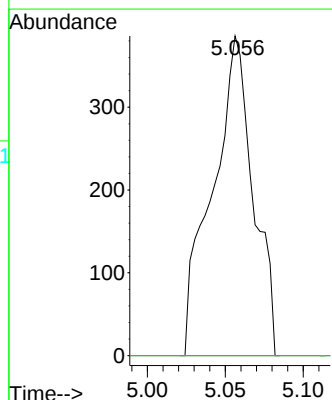
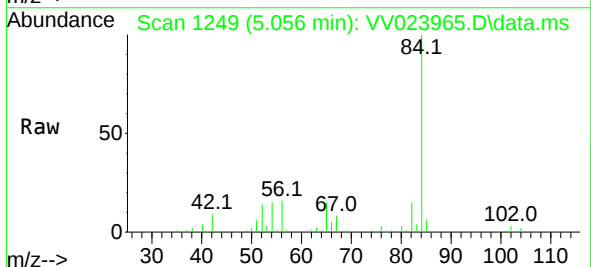
Instrument :
MSVOA_V
ClientSampleId :
EW211DL2

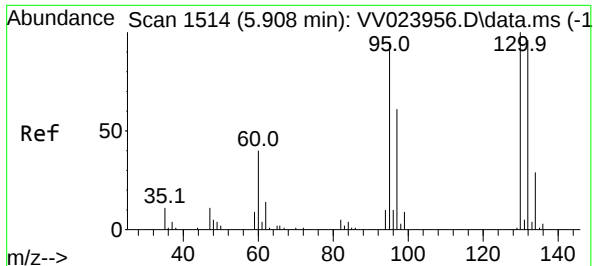
Tgt Ion: 84 Resp: 3741
Ion Ratio Lower Upper
84 100
86 63.3 42.6 79.0
49 119.8 79.7 147.9



#27
1,2-Dichloroethane
Concen: 0.089 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

Tgt Ion: 62 Resp: 702
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



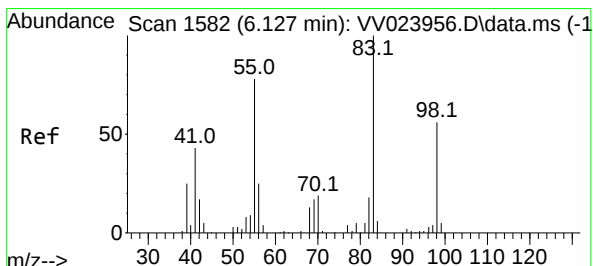
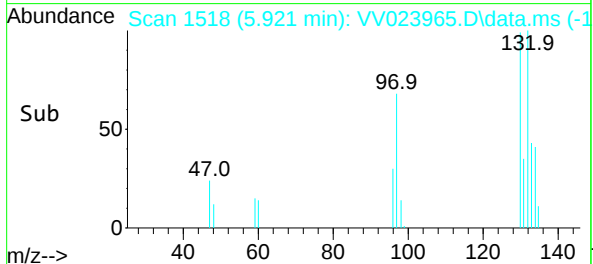
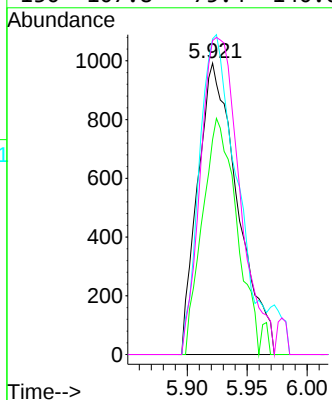
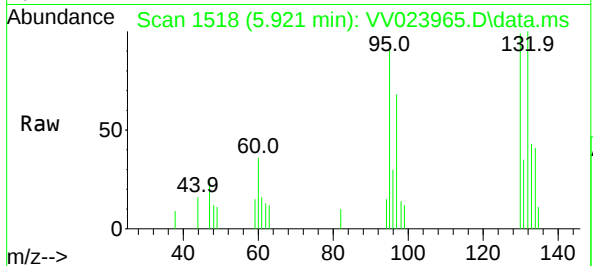


#34
Trichloroethene
Concen: 0.268 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

Instrument :
MSVOA_V
ClientSampleId :
EW211DL2

Tgt Ion: 95 Resp: 2284

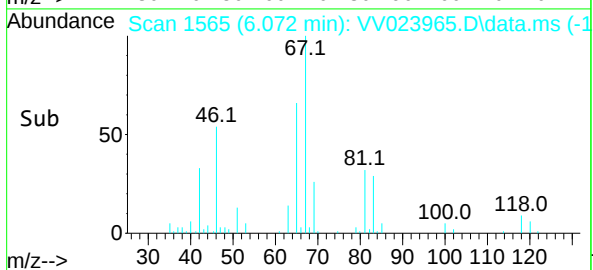
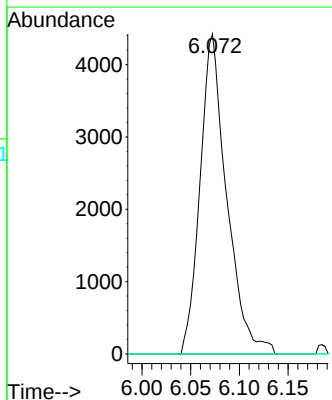
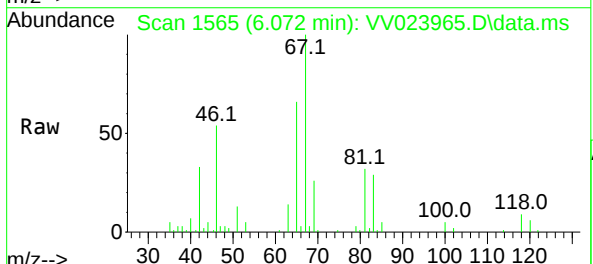
Ion	Ratio	Lower	Upper
95	100		
97	73.8	45.2	84.0
132	108.4	76.1	141.3
130	107.8	75.4	140.0

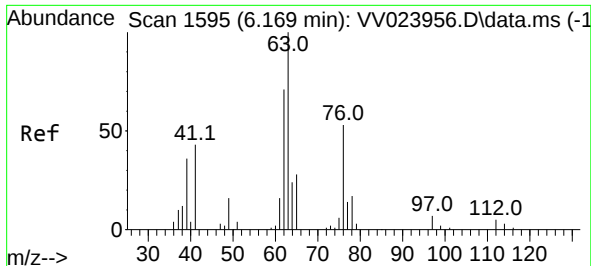


#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

Tgt Ion: 83 Resp: 8413

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	1.6	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV023965.D

Acq: 14 Dec 2021 14:07

Instrument :

MSVOA_V

ClientSampleId :

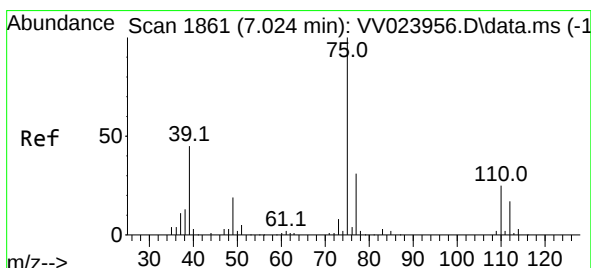
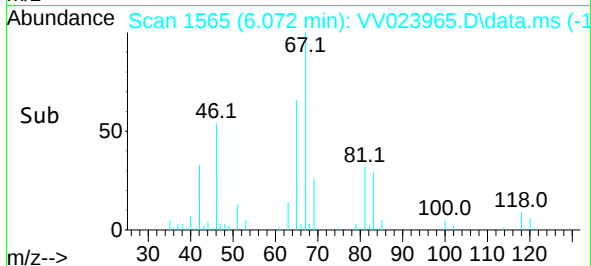
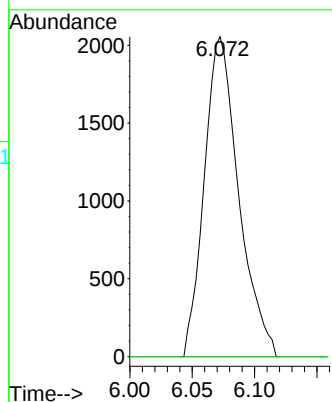
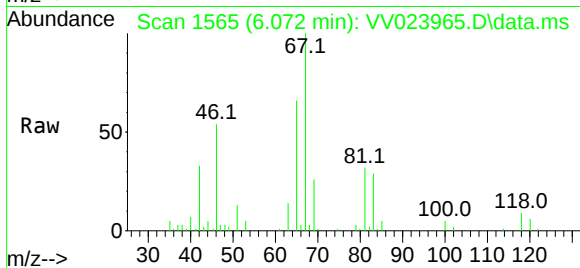
EW211DL2

Tgt Ion: 63 Resp: 3946

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.029 min

Lab File: VV023965.D

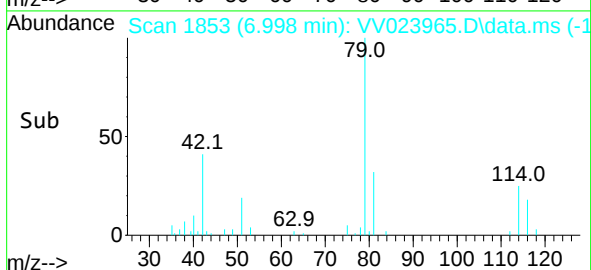
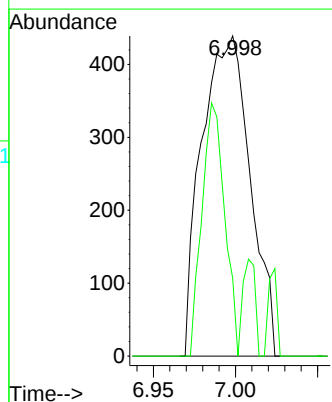
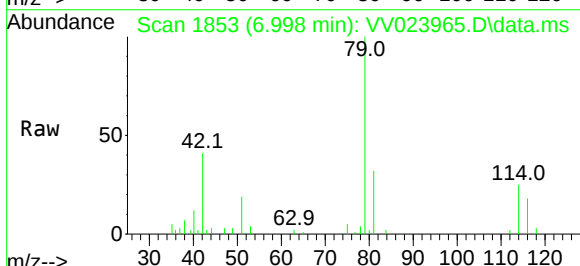
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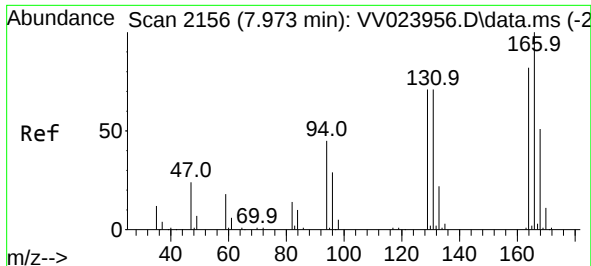
Tgt Ion: 75 Resp: 899

Ion Ratio Lower Upper

75 100

77 24.4 22.0 41.0



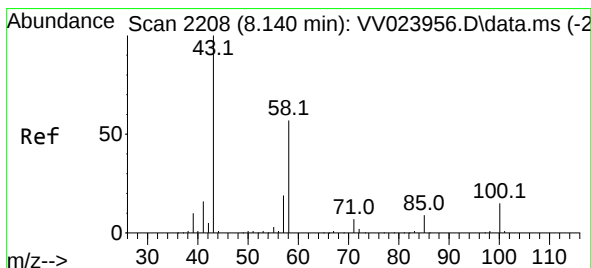
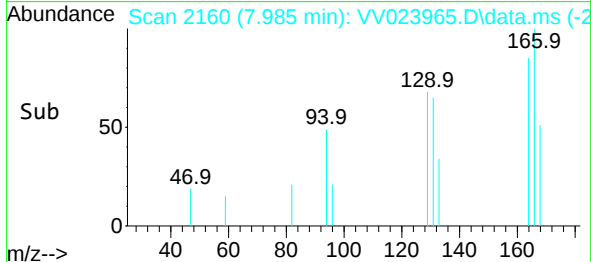
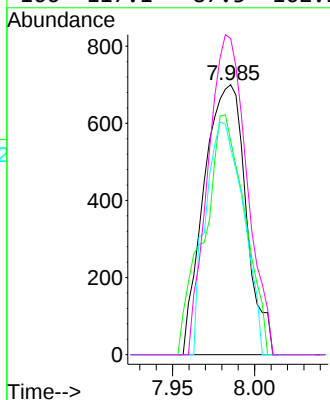
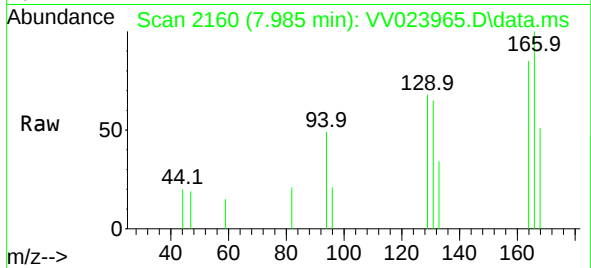


#47
Tetrachloroethene
Concen: 0.166 ug/L
RT: 7.985 min Scan# 2156
Delta R.T. 0.010 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

Instrument :
MSVOA_V
ClientSampleId :
EW211DL2

Tgt Ion:164 Resp: 1248

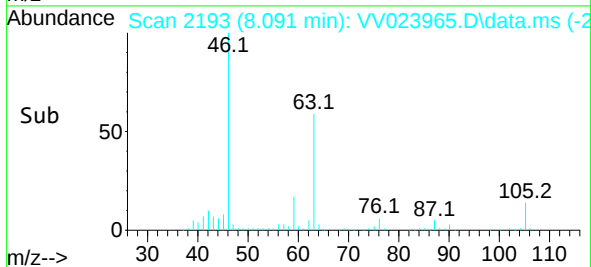
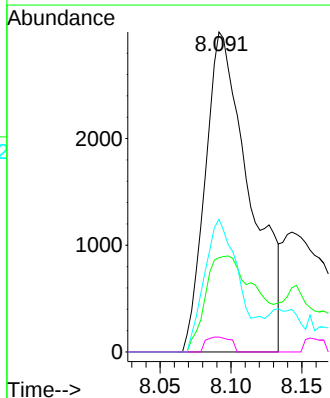
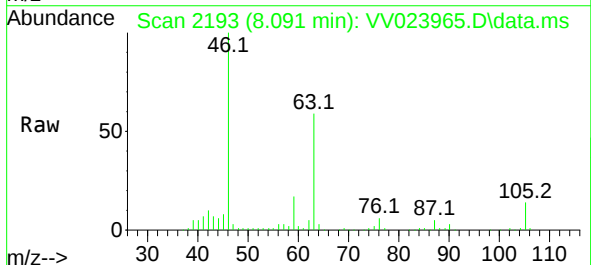
Ion	Ratio	Lower	Upper
164	100		
129	79.1	62.6	116.2
131	76.4	61.0	113.4
166	117.1	87.3	162.1

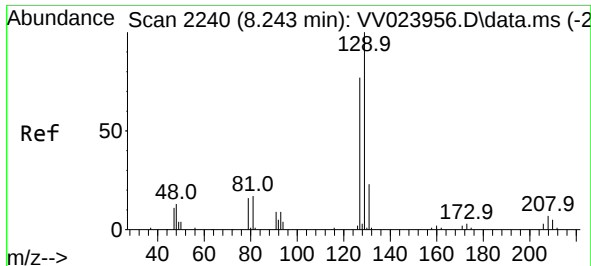


#48
2-Hexanone
Concen: 2.624 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

Tgt Ion: 43 Resp: 6558

Ion	Ratio	Lower	Upper
43	100		
58	34.2	44.5	66.7#
57	31.5	15.1	22.7#
100	2.6	10.7	16.1#





#49

Dibromochloromethane

Concen: 0.150 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV023965.D

Acq: 14 Dec 2021 14:07

Instrument :

MSVOA_V

ClientSampleId :

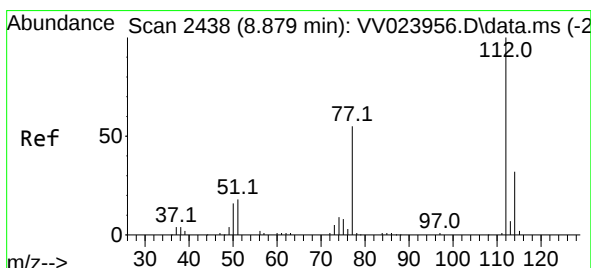
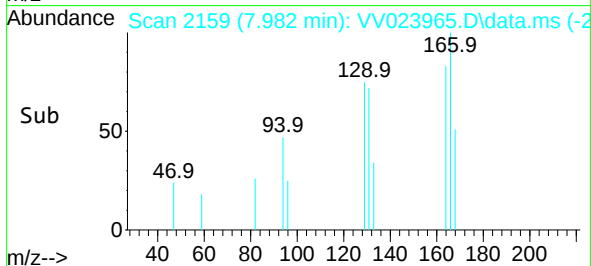
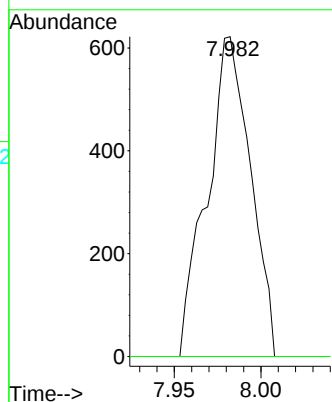
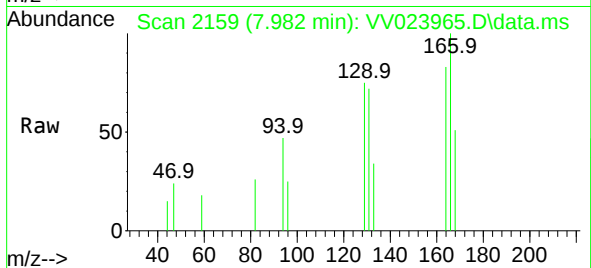
EW211DL2

Tgt Ion:129 Resp: 1082

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.911 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.006 min

Lab File: VV023965.D

Acq: 14 Dec 2021 14:07

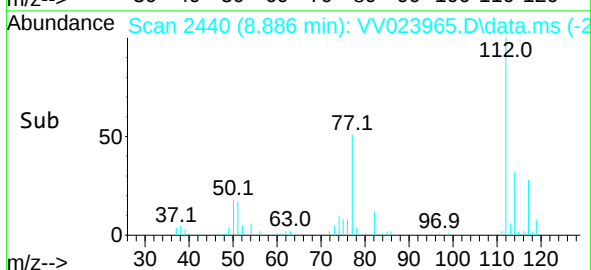
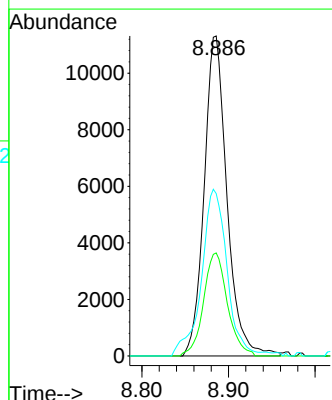
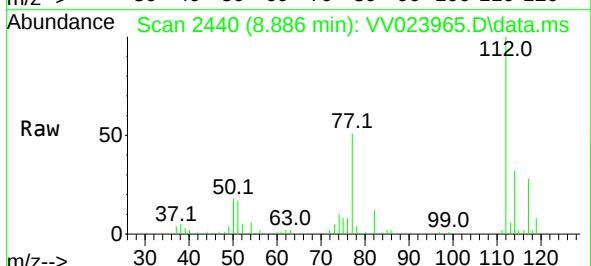
Tgt Ion:112 Resp: 20693

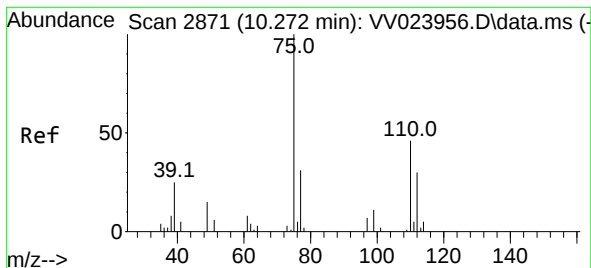
Ion Ratio Lower Upper

112 100

114 32.2 23.3 43.3

77 50.8 43.3 64.9





#61

1,2,3-Trichloropropane

Concen: 4.940 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.910 min

Lab File: VV023965.D

Acq: 14 Dec 2021 14:07

Instrument :

MSVOA_V

ClientSampleId :

EW211DL2

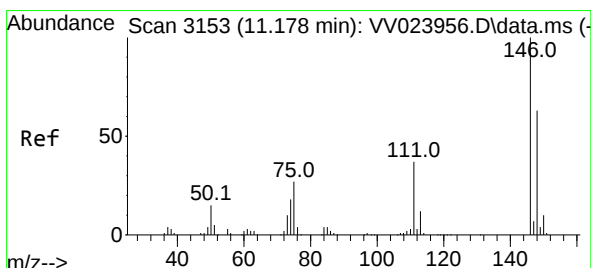
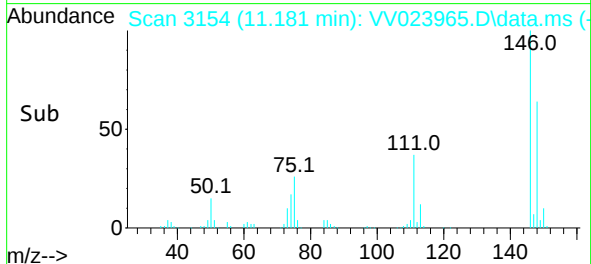
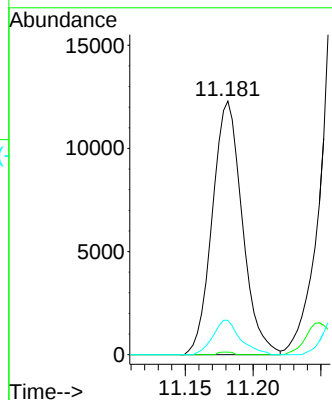
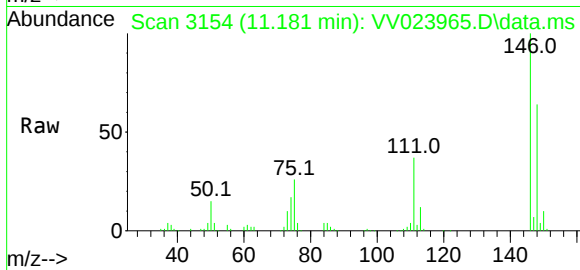
Tgt Ion: 75 Resp: 18875

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

110 12.4 34.2 51.2#



#64

1,3-Dichlorobenzene

Concen: 4.333 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.003 min

Lab File: VV023965.D

Acq: 14 Dec 2021 14:07

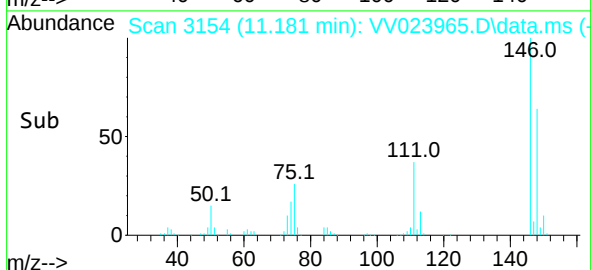
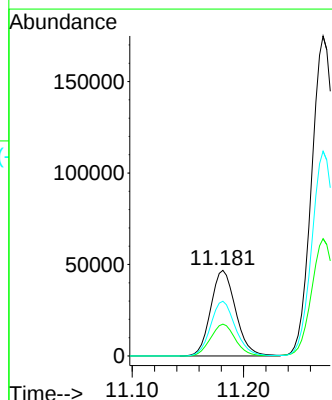
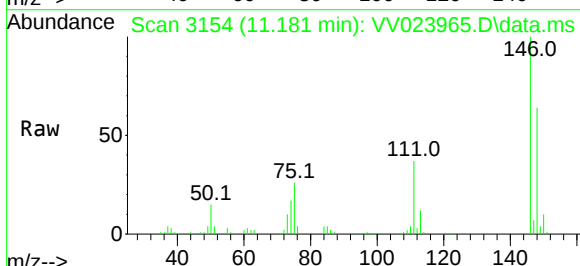
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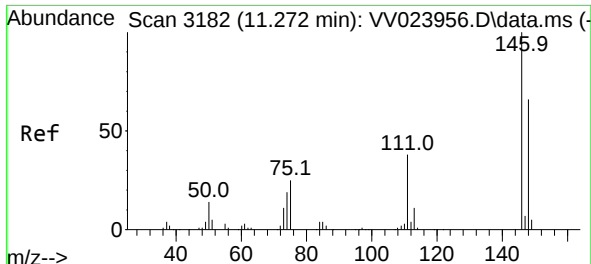
Ion Ratio Lower Upper

146 100

111 37.2 26.3 48.9

148 63.9 44.4 82.5

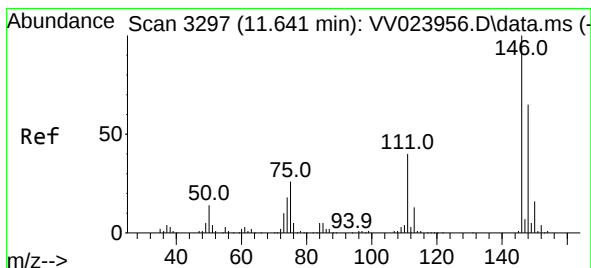
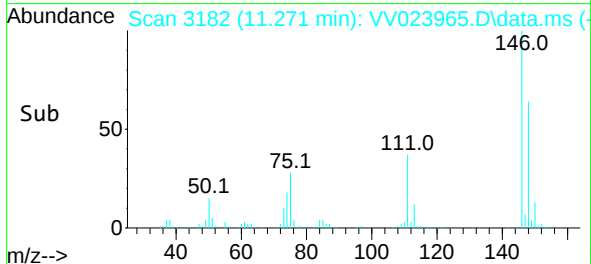
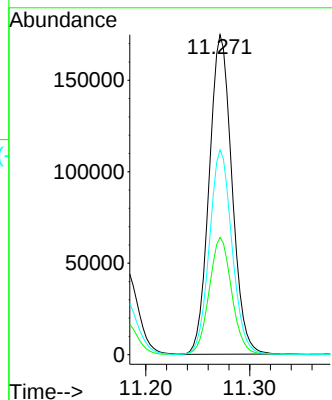
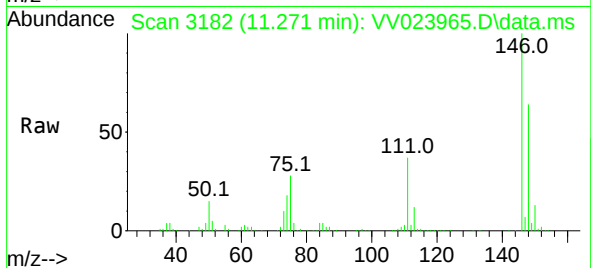




#65
1,4-Dichlorobenzene
Concen: 15.700 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

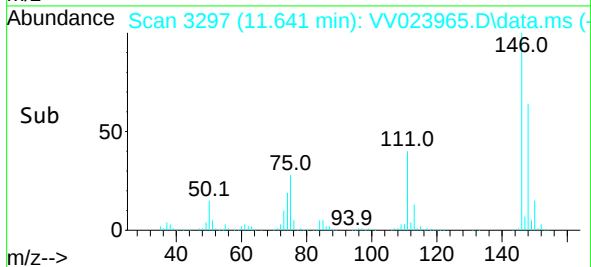
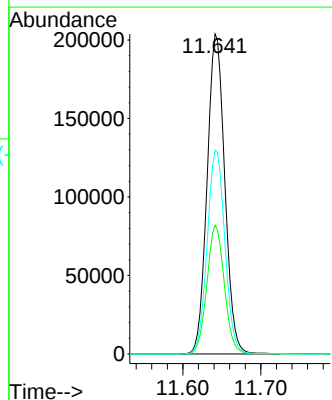
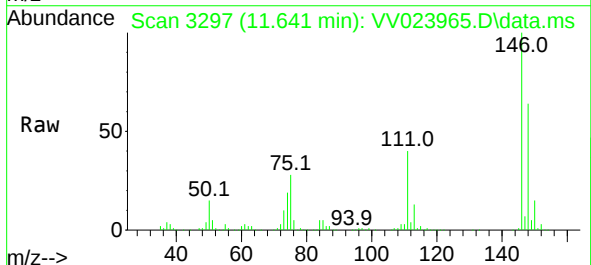
Instrument :
MSVOA_V
ClientSampleId :
EW211DL2

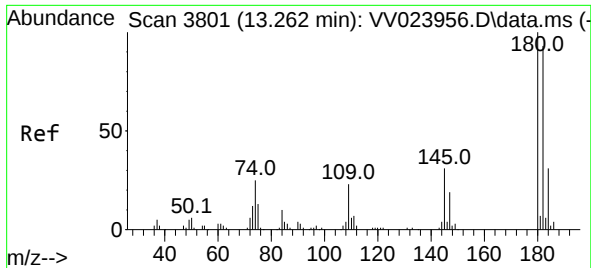
Tgt Ion:146 Resp: 265575
Ion Ratio Lower Upper
146 100
111 36.7 25.6 47.6
148 64.0 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 20.802 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

Tgt Ion:146 Resp: 320972
Ion Ratio Lower Upper
146 100
111 40.3 31.9 47.9
148 63.7 50.5 75.7

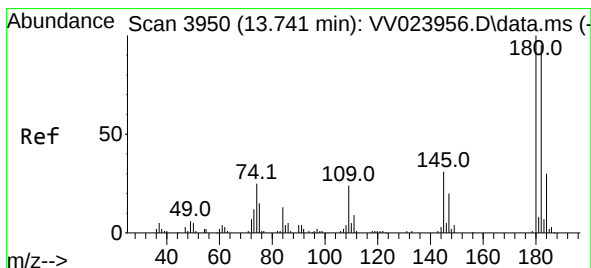
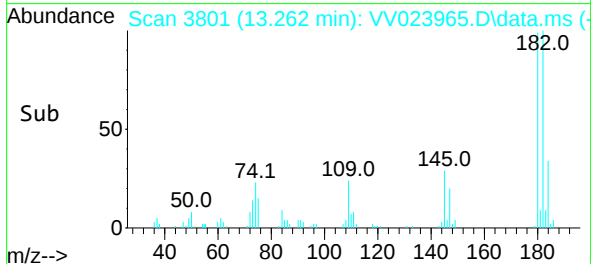
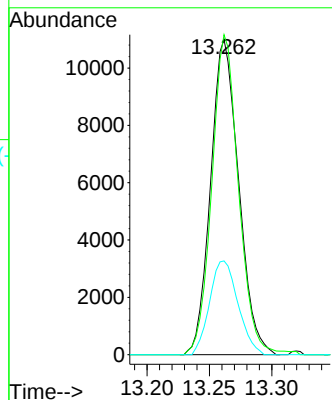
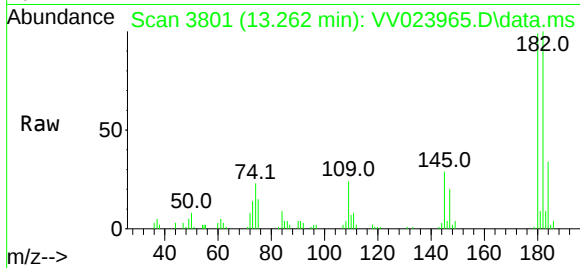




#70
1,2,4-trichlorobenzene
Concen: 1.583 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

Instrument :
MSVOA_V
ClientSampleId :
EW211DL2

Tgt Ion:180 Resp: 17218
Ion Ratio Lower Upper
180 100
182 96.7 74.4 111.6
145 30.1 23.3 34.9



#72
1,2,3-Trichlorobenzene
Concen: 0.874 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023965.D
Acq: 14 Dec 2021 14:07

Tgt Ion:180 Resp: 8398
Ion Ratio Lower Upper
180 100
182 100.9 76.8 115.2
145 33.7 25.8 38.6

