

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023936.D
 Acq On : 11 Dec 2021 17:18
 Operator : SY/MD
 Sample : M5005-07DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:27:59 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	93974	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	103073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63852	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21463	4.248	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.568	69	20055	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.108	63	29498	2.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.905	46	53729	54.437	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.880%
24) Chloroform-d	4.349	84	56769	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.034	65	29892	5.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	5.053	84	90140	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.069	67	30517	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	70252	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.625	79	11466	4.487	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.091	63	68291	59.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27992	5.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	42878	5.027	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.510	84	5274	0.639	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	892	0.121	ug/L	90
27) 1,2-Dichloroethane	5.047	62	493	0.065	ug/L	# 73
33) Benzene	5.104	78	5471	0.188	ug/L	100
35) Methylcyclohexane	6.075	83	7950	0.657	ug/L	# 18
37) 1,2-Dichloropropane	6.072	63	3720	0.537	ug/L	# 84
39) cis-1,3-Dichloropropene	6.989	75	826	0.080	ug/L	# 34
47) Tetrachloroethene	7.979	164	3861	0.533	ug/L	91
48) 2-Hexanone	8.088	43	9272	3.841	ug/L	# 61
49) Dibromochloromethane	7.979	129	3546	0.508	ug/L	# 11
51) Chlorobenzene	8.879	112	729036	33.239	ug/L	99
61) 1,2,3-Trichloropropane	11.178	75	153419	35.270	ug/L	# 47
64) 1,3-Dichlorobenzene	11.181	146	565295	29.483	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	1364805	70.872	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	2481312	141.256	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	116404	9.398	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	25209	2.305	ug/L	98

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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

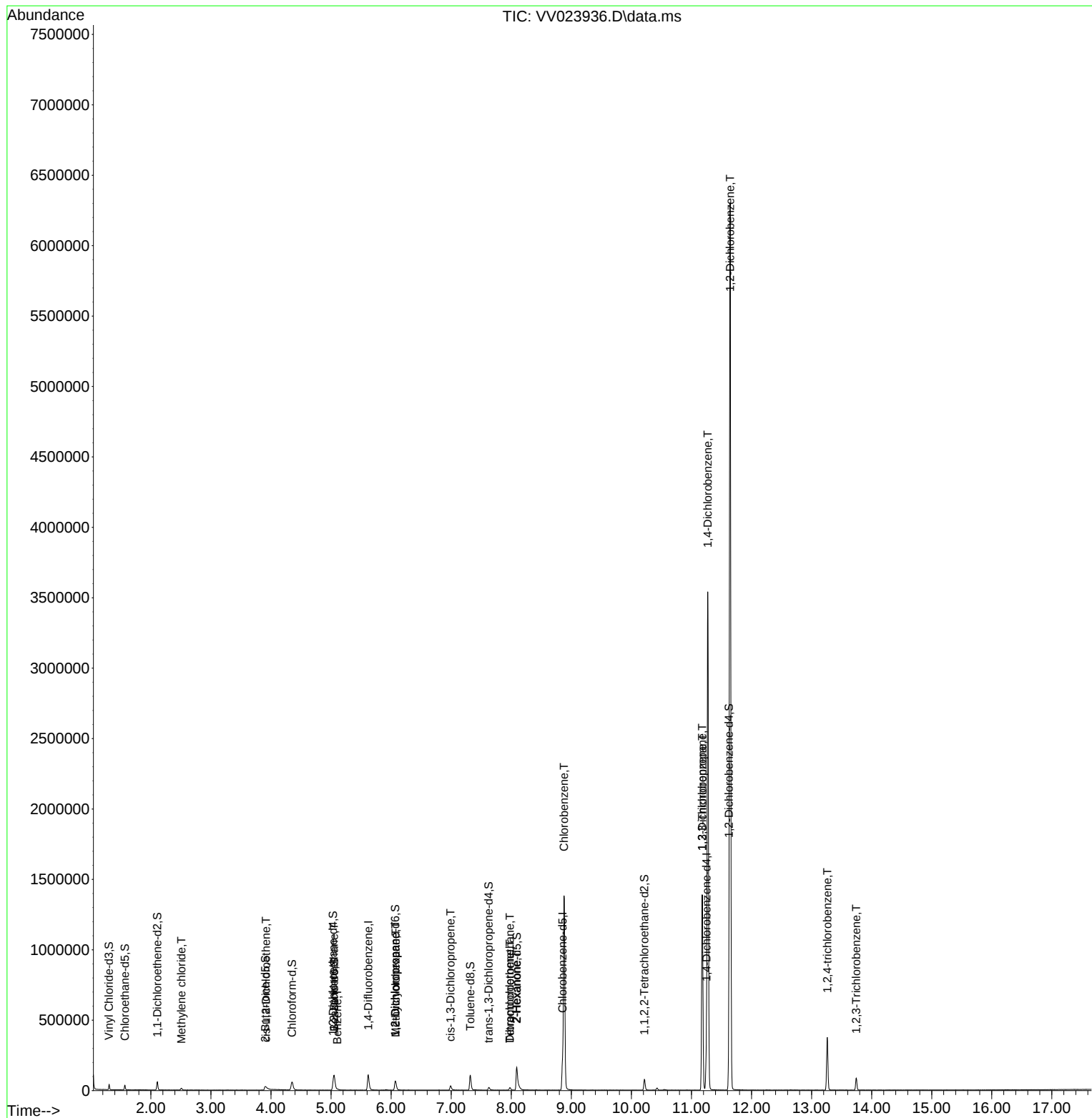
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

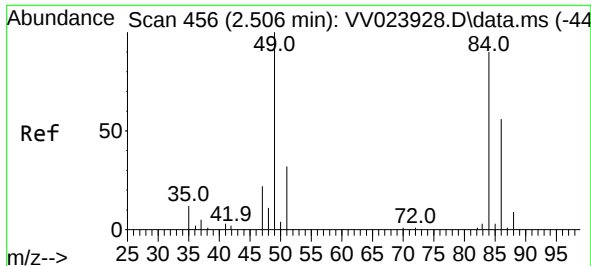
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.639 ug/L

RT: 2.510 min Scan# 4

Delta R.T. 0.003 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

Instrument :

MSVOA_V

ClientSampleId :

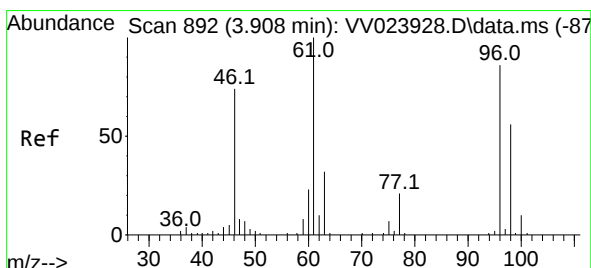
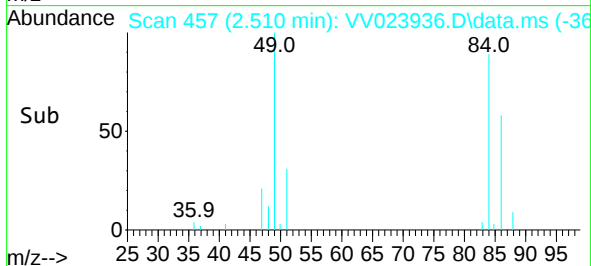
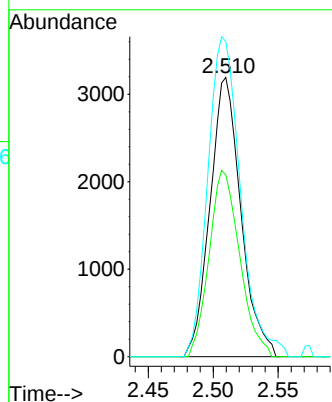
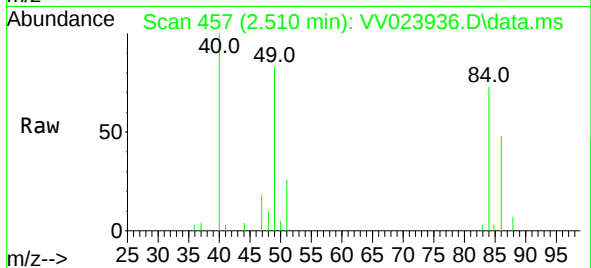
Tgt Ion: 84 Resp: 5274

Ion Ratio Lower Upper

84 100

86 65.1 42.6 79.0

49 112.8 79.7 147.9



#22

cis-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

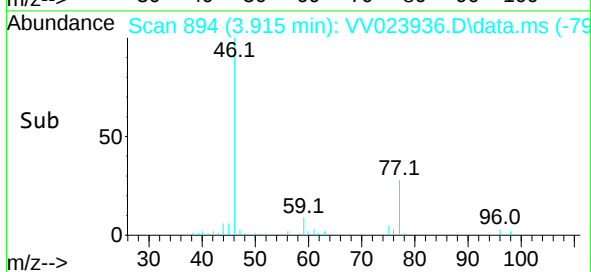
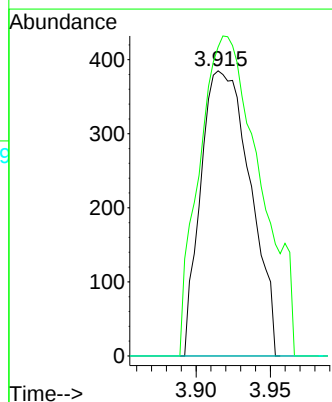
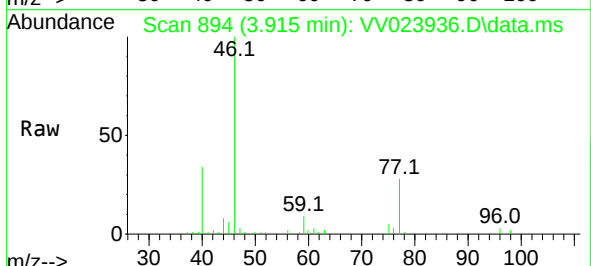
Tgt Ion: 96 Resp: 892

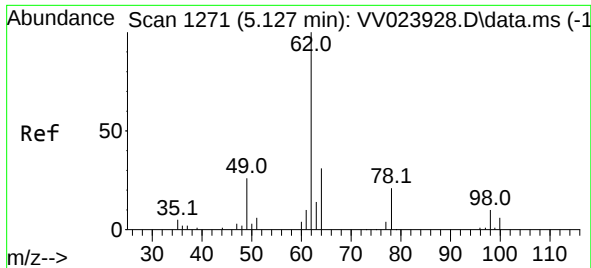
Ion Ratio Lower Upper

96 100

61 108.3 83.4 154.8

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.065 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

Instrument :

MSVOA_V

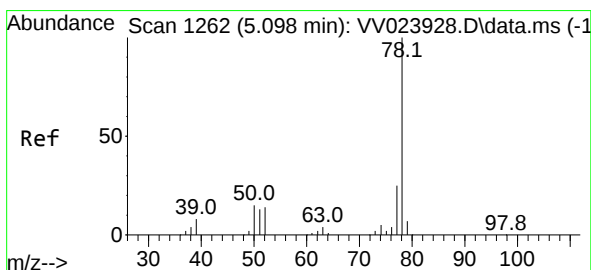
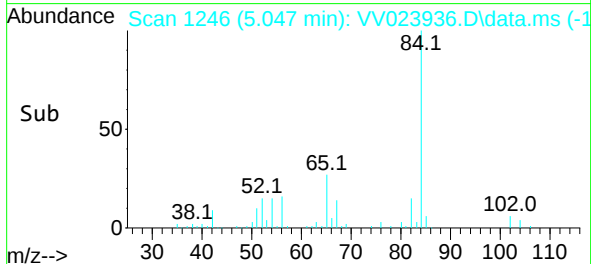
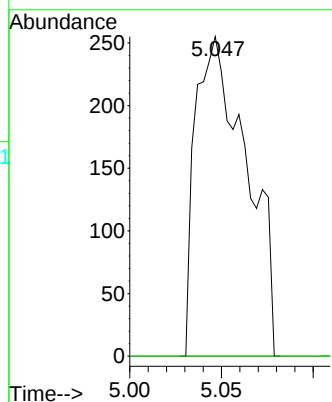
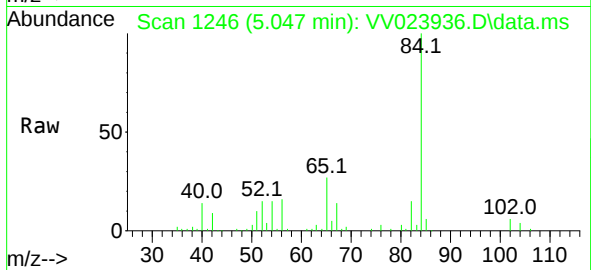
ClientSampleId :

Tgt Ion: 62 Resp: 493

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#33

Benzene

Concen: 0.188 ug/L

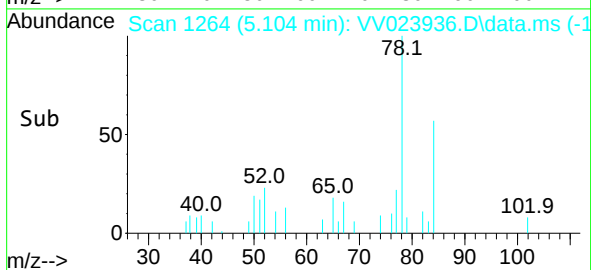
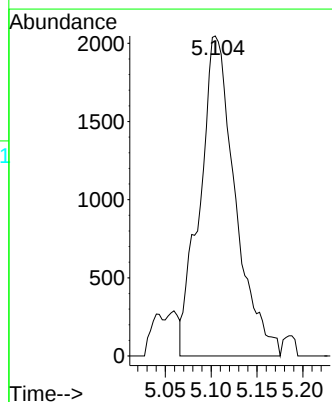
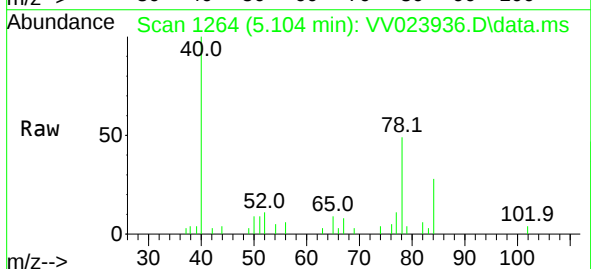
RT: 5.104 min Scan# 1264

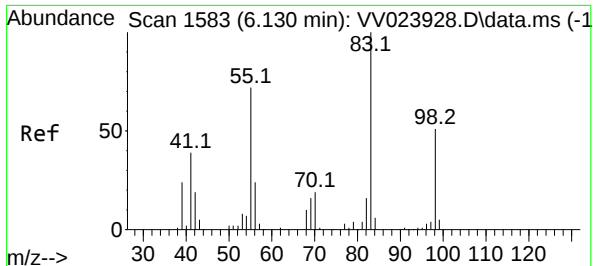
Delta R.T. 0.006 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

Tgt Ion: 78 Resp: 5471





#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV023936.D

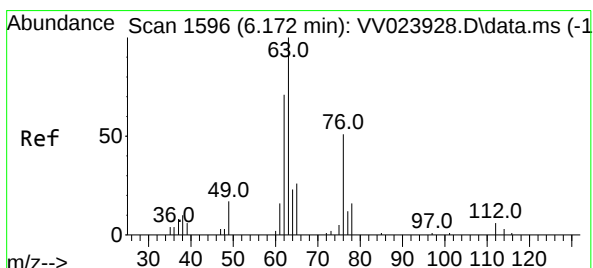
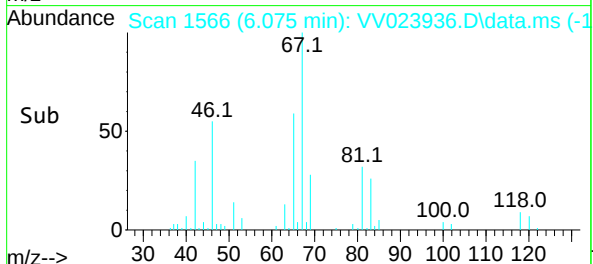
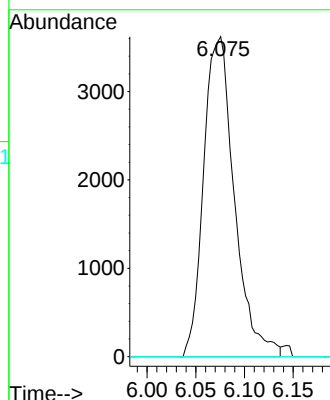
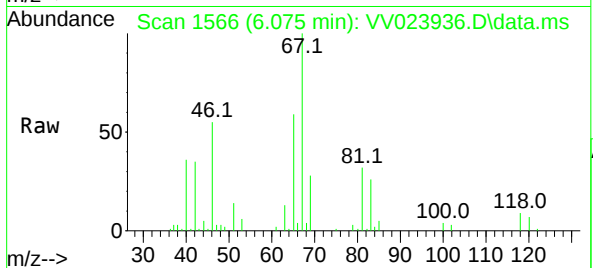
Acq: 11 Dec 2021 17:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7950
Ion Ratio	Lower Upper
83	100
55	0.0 60.2 90.2#
98	0.9 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.537 ug/L

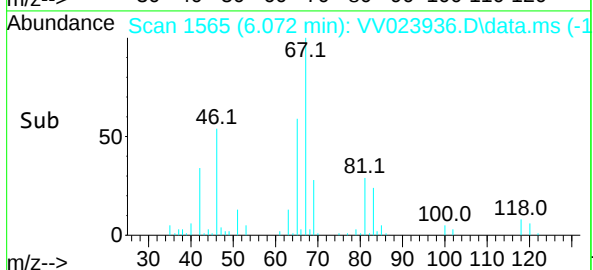
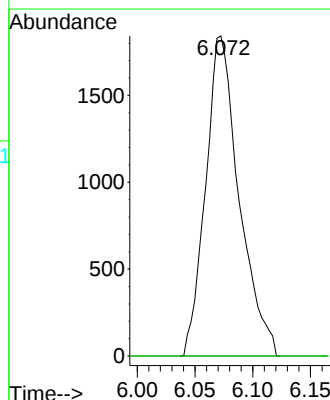
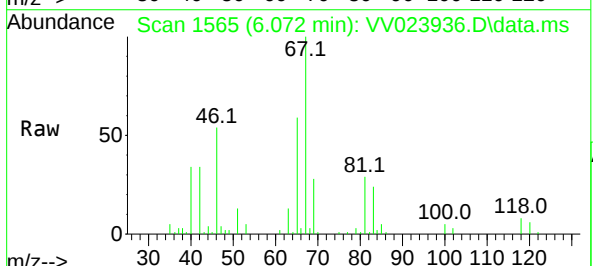
RT: 6.072 min Scan# 1565

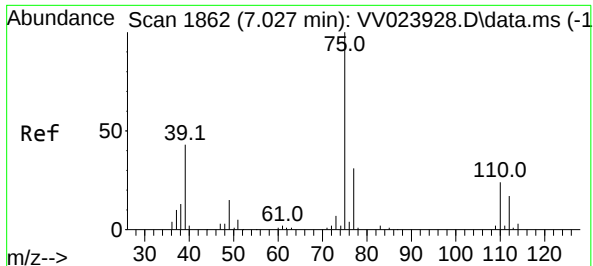
Delta R.T. -0.096 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

Tgt Ion: 63	Resp: 3720
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

Instrument :

MSVOA_V

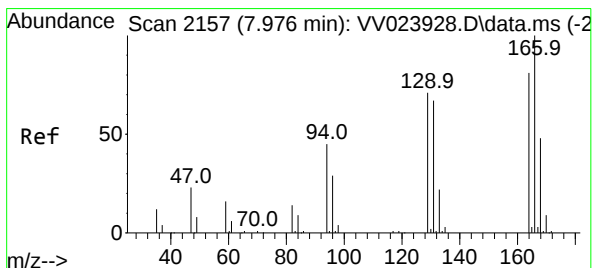
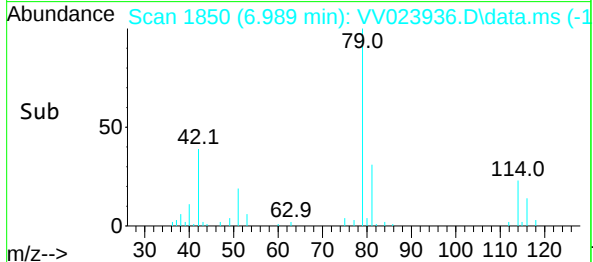
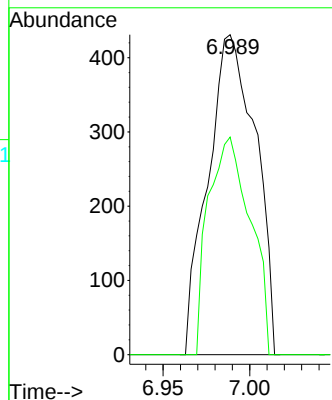
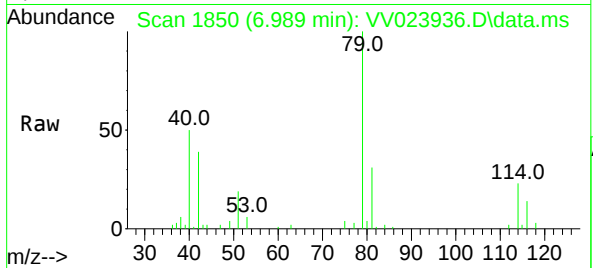
ClientSampleId :

Tgt Ion: 75 Resp: 826

Ion Ratio Lower Upper

75 100

77 68.0 22.0 41.0#



#47

Tetrachloroethene

Concen: 0.533 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

Tgt Ion: 164 Resp: 3861

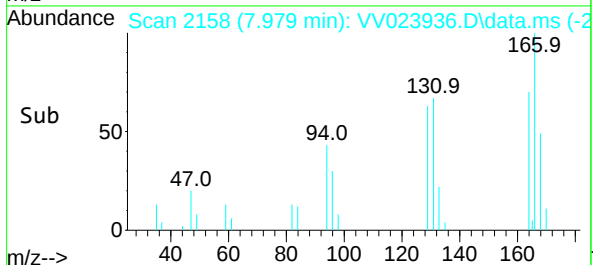
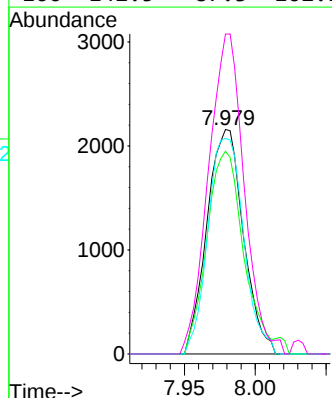
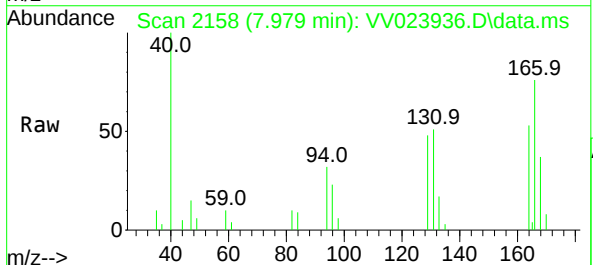
Ion Ratio Lower Upper

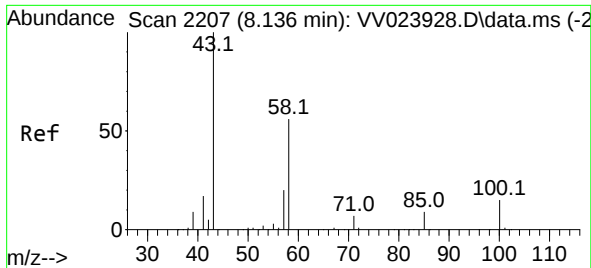
164 100

129 90.3 62.6 116.2

131 96.0 61.0 113.4

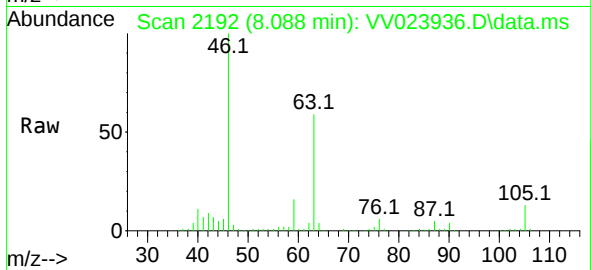
166 142.5 87.3 162.1



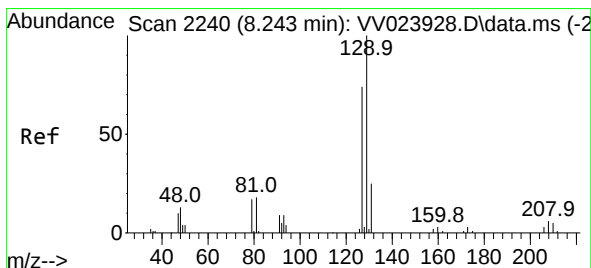
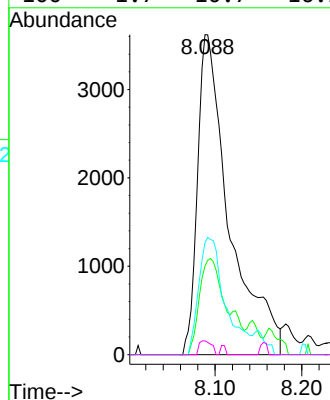
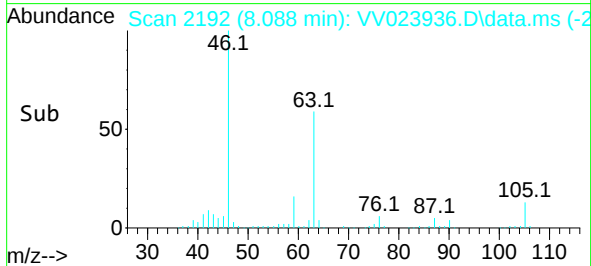


#48
2-Hexanone
Concen: 3.841 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

Instrument :
MSVOA_V
ClientSampleId :

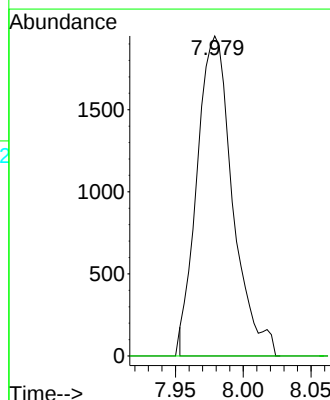
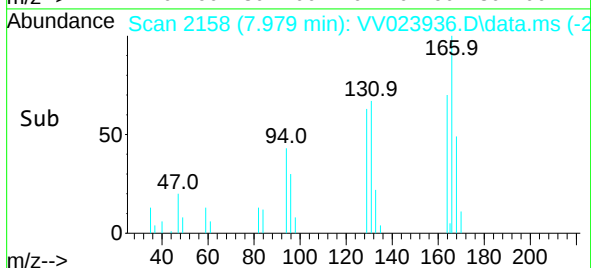
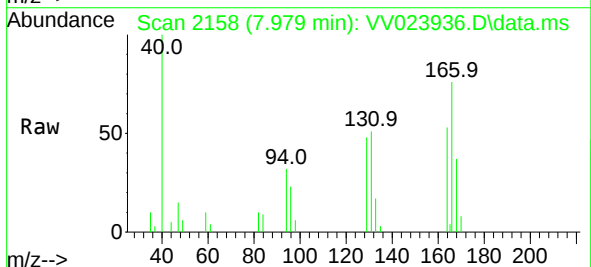


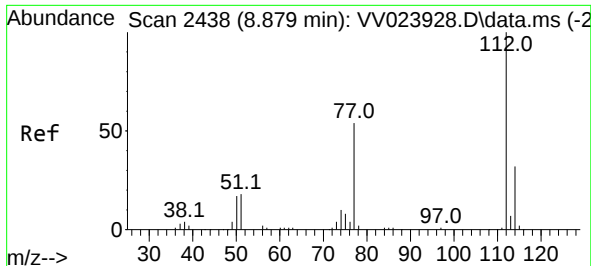
Tgt Ion: 43 Resp: 9272
Ion Ratio Lower Upper
43 100
58 21.7 44.5 66.7#
57 30.4 15.1 22.7#
100 1.7 10.7 16.1#



#49
Dibromochloromethane
Concen: 0.508 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

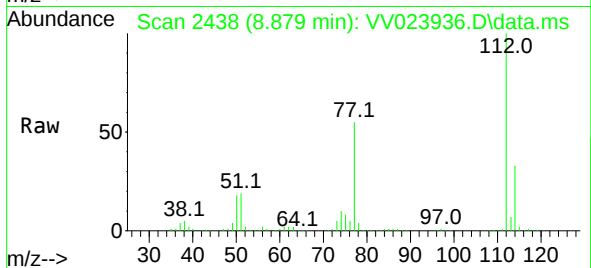
Tgt Ion: 129 Resp: 3546
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



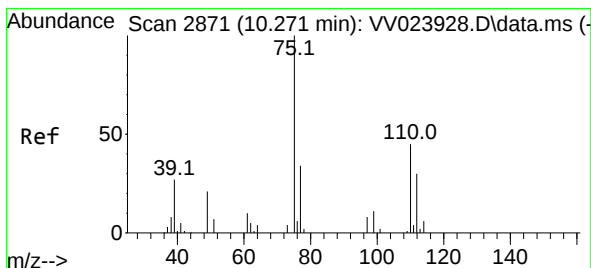
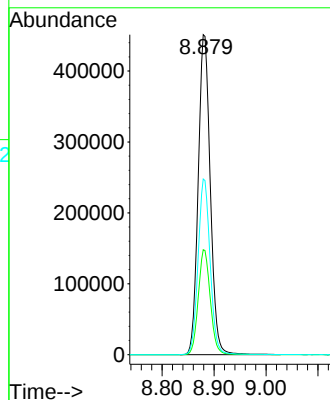
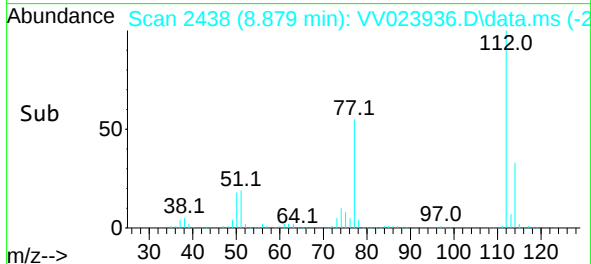


#51
Chlorobenzene
Concen: 33.239 ug/L
RT: 8.879 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

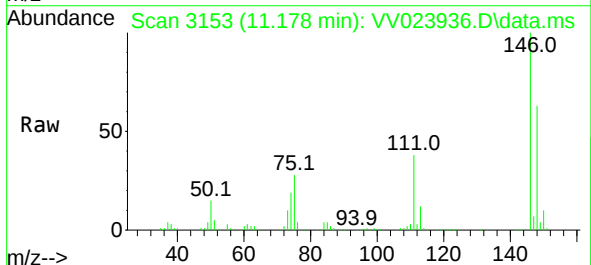
Instrument :
MSVOA_V
ClientSampleId :



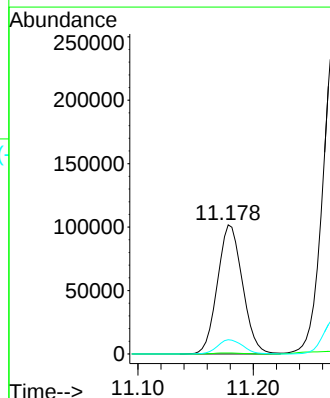
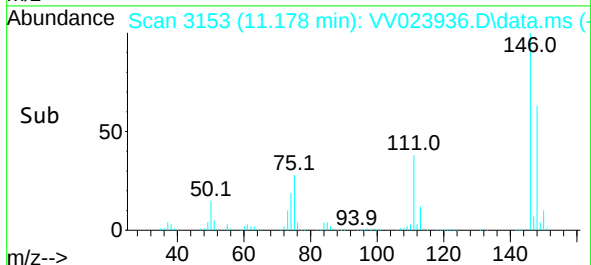
Tgt Ion:112 Resp: 729036
Ion Ratio Lower Upper
112 100
114 32.8 23.3 43.3
77 54.9 43.3 64.9

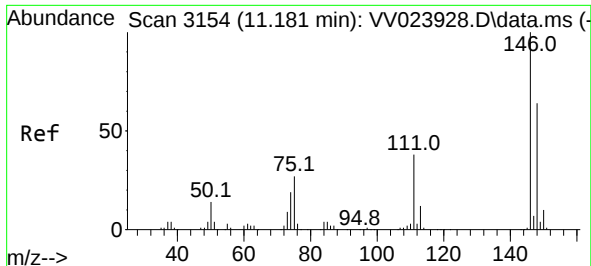


#61
1,2,3-Trichloropropane
Concen: 35.270 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.907 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18



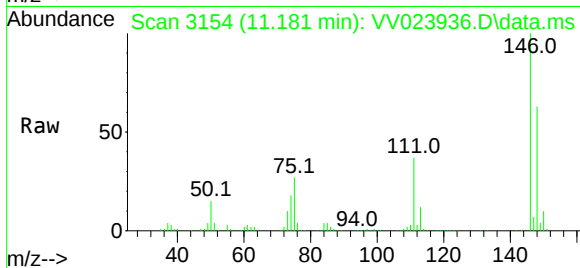
Tgt Ion: 75 Resp: 153419
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 11.2 34.2 51.2#



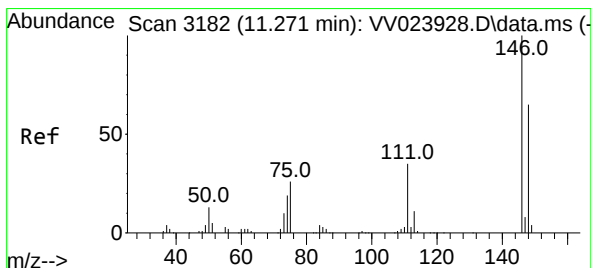
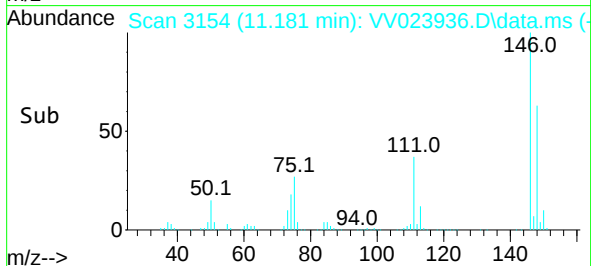
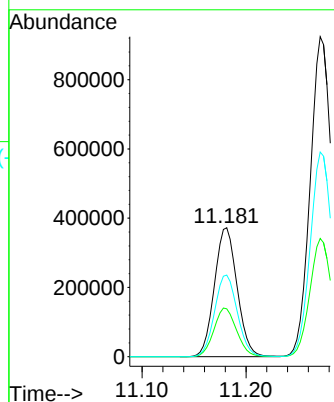


#64
1,3-Dichlorobenzene
Concen: 29.483 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

Instrument :
MSVOA_V
ClientSampleId :

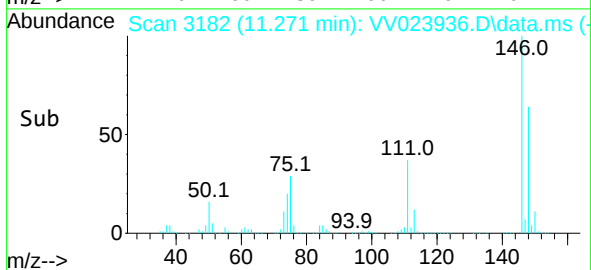
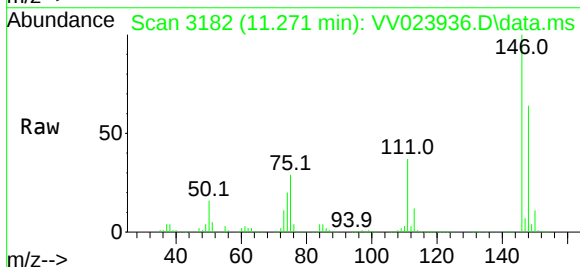
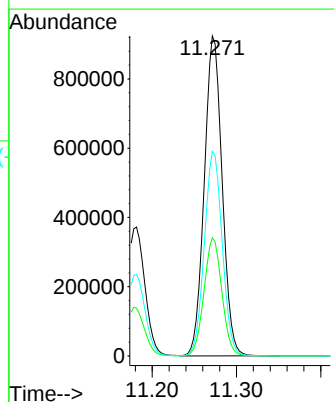


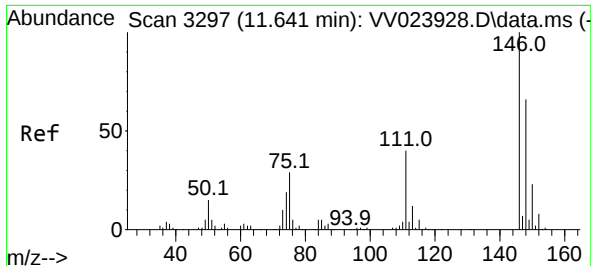
Tgt Ion:146 Resp: 565295
Ion Ratio Lower Upper
146 100
111 37.1 26.3 48.9
148 63.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 70.872 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

Tgt Ion:146 Resp: 1364805
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.6
148 63.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 141.256 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

Instrument :

MSVOA_V

ClientSampleId :

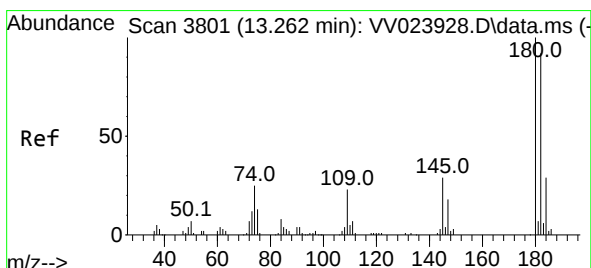
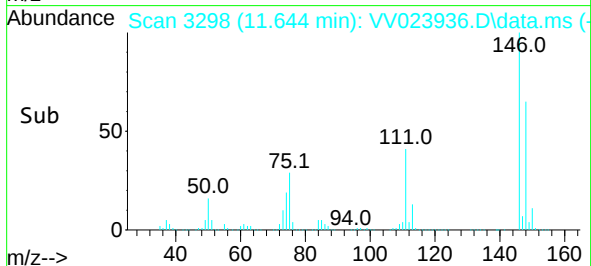
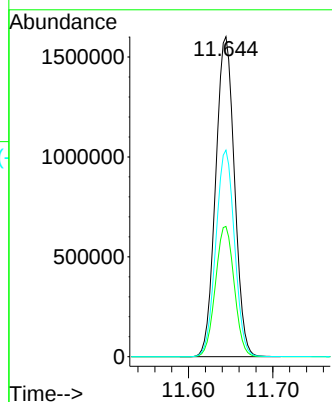
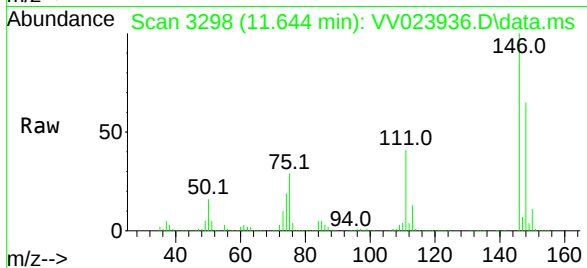
Tgt Ion:146 Resp: 2481312

Ion Ratio Lower Upper

146 100

111 40.7 31.9 47.9

148 64.6 50.5 75.7



#70

1,2,4-trichlorobenzene

Concen: 9.398 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

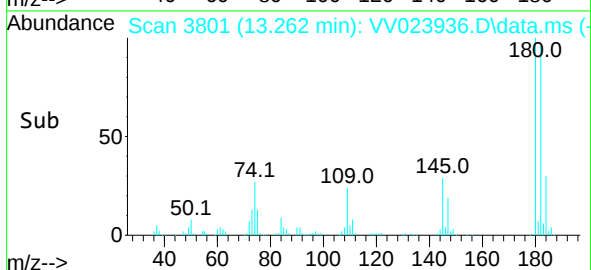
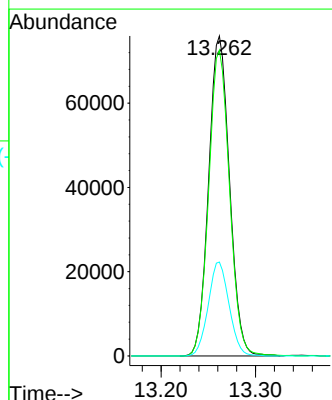
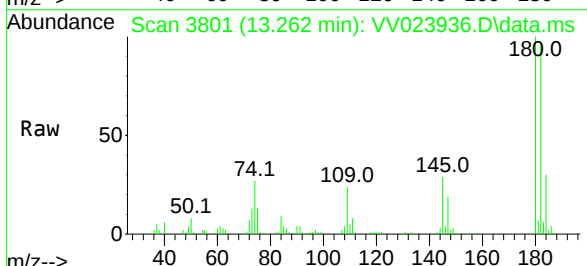
Tgt Ion:180 Resp: 116404

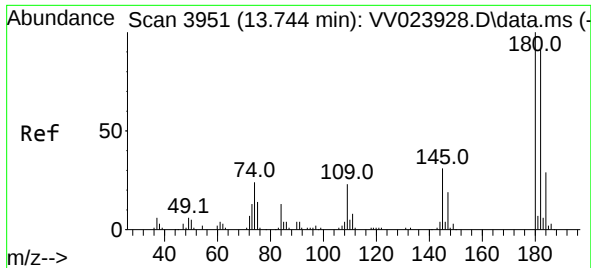
Ion Ratio Lower Upper

180 100

182 95.5 74.4 111.6

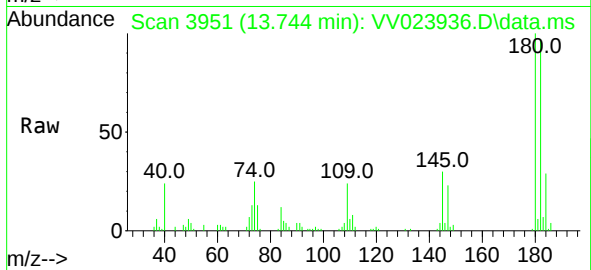
145 29.3 23.3 34.9





#72
 1,2,3-Trichlorobenzene
 Concen: 2.305 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.000 min
 Lab File: VV023936.D
 Acq: 11 Dec 2021 17:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	25209
Ion Ratio	Lower	Upper	
180	100		
182	98.3	76.8	115.2
145	32.0	25.8	38.6

