

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022847.D
 Acq On : 15 Oct 2021 19:29
 Operator : SY/MD
 Sample : M4223-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:30:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114187	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	114765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35301	4.493	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.568	69	32453	4.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.108	63	50252	3.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.895	46	104903	50.925	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.860%
24) Chloroform-d	4.352	84	86982	5.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.034	65	41048	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.053	84	166885	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.072	67	53120	5.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.320	98	139235	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.628	79	15723	4.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.091	63	82864	61.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39027	5.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	56760	5.654	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	651	0.078	ug/L #	75
5) Vinyl chloride	1.310	62	733	0.085	ug/L #	22
12) 1,1-Dichloroethene	2.111	96	607	0.088	ug/L #	1
13) Acetone	2.191	43	2649	2.306	ug/L #	64
17) Methyl tert-butyl Ether	2.770	73	17666	1.058	ug/L	97
19) 1,1-Dichloroethane	3.201	63	2092	0.155	ug/L #	78
22) cis-1,2-Dichloroethene	3.915	96	22121	2.809	ug/L	98
34) Trichloroethene	5.921	95	7961	0.947	ug/L	95
35) Methylcyclohexane	6.069	83	13210	1.122	ug/L #	17
37) 1,2-Dichloropropane	6.075	63	5637	0.758	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	986	0.100	ug/L #	78
42) Toluene	7.400	91	8263	0.263	ug/L	94
47) Tetrachloroethene	7.979	164	43828	6.447	ug/L	97
49) Dibromochloromethane	7.976	129	38430	5.951	ug/L #	7
53) m,p-xylene	9.146	106	1295	0.104	ug/L	72
61) 1,2,3-Trichloropropane	11.191	75	259	0.069	ug/L #	56
64) 1,3-Dichlorobenzene	11.191	146	922	0.064	ug/L	92
67) 1,2-Dichlorobenzene	11.644	146	823	0.061	ug/L #	74
68) 1,2-Dibromo-3-chloropr...	12.255	75	127	0.185	ug/L #	1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 16 05:27:41 2021
Response via : Initial Calibration

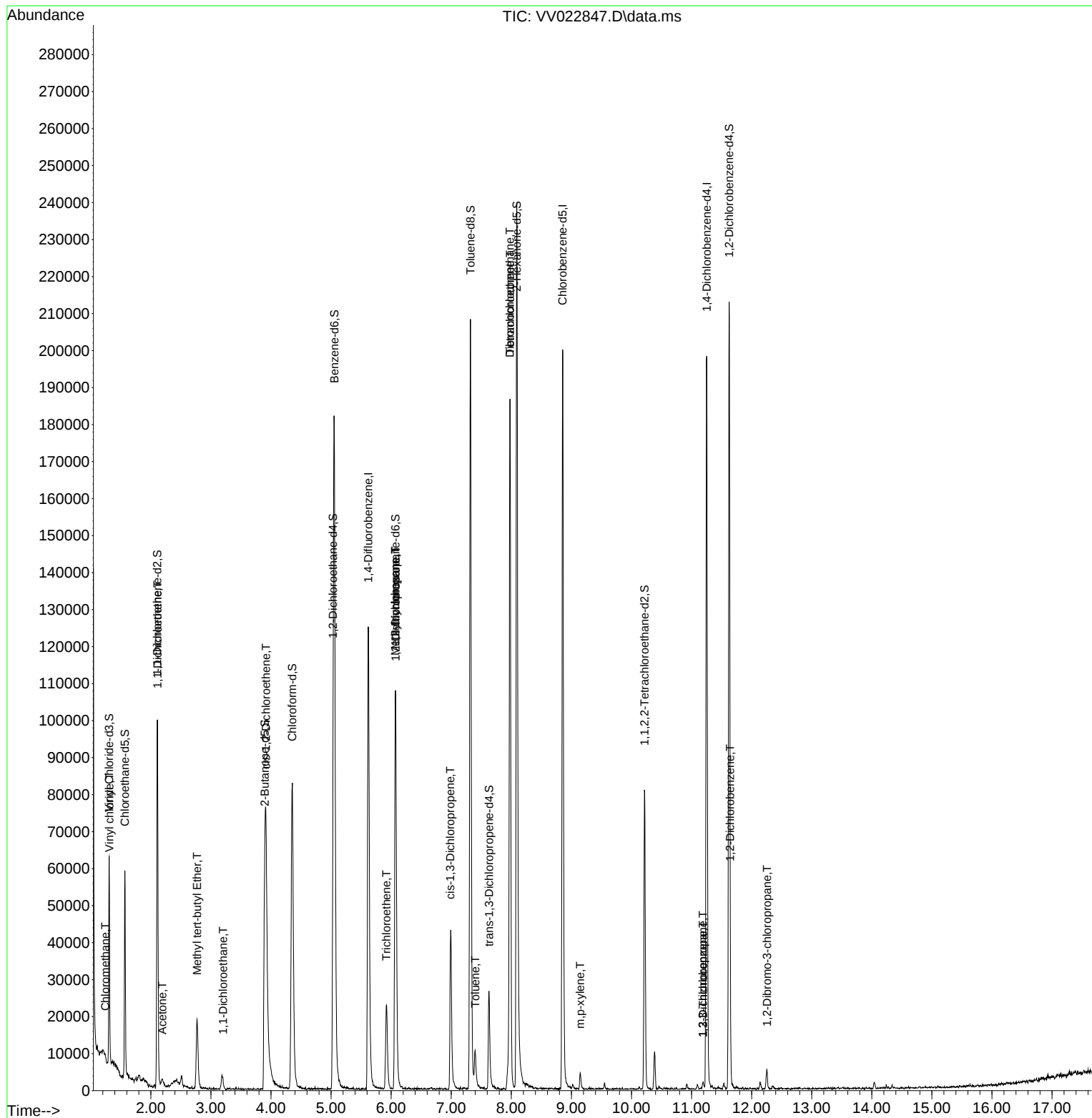
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

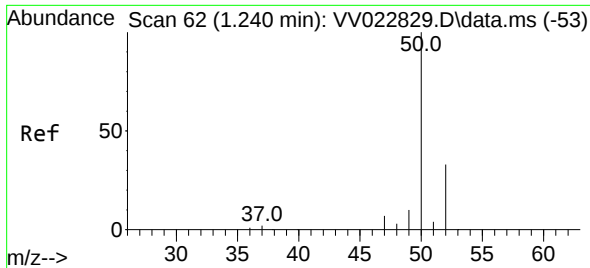
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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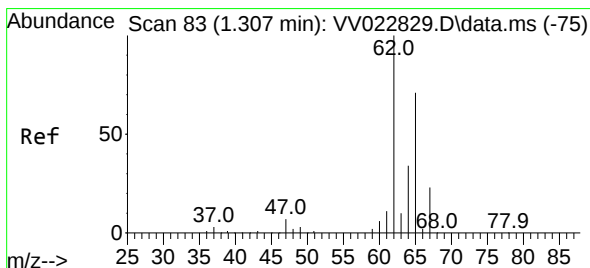
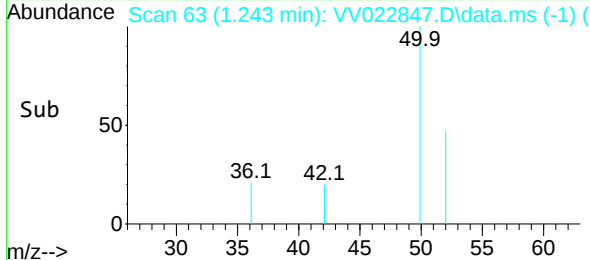
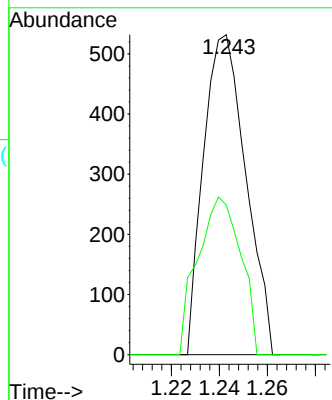
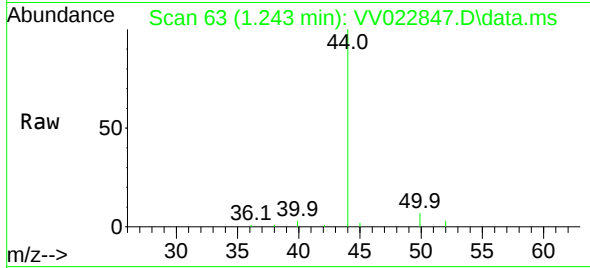




#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

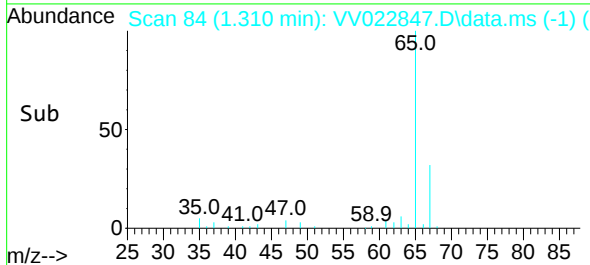
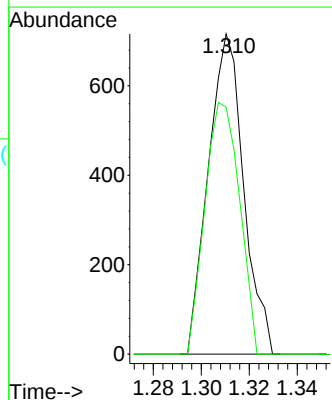
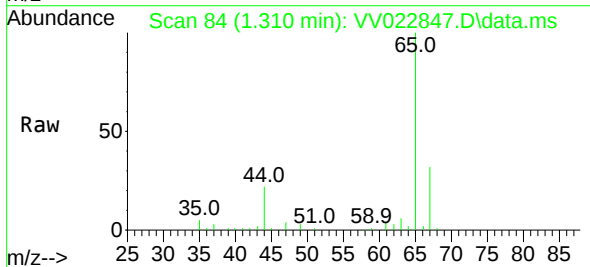
Instrument :
MSVOA_V
ClientSampled :

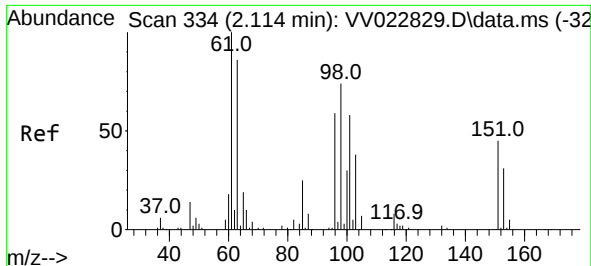
Tgt Ion: 50 Resp: 651
Ion Ratio Lower Upper
50 100
52 46.8 22.9 42.5#



#5
Vinyl chloride
Concen: 0.085 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

Tgt Ion: 62 Resp: 733
Ion Ratio Lower Upper
62 100
64 77.1 23.0 42.8#





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

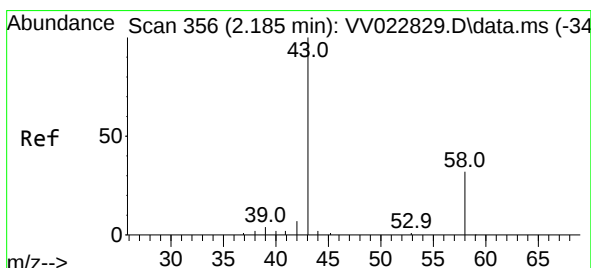
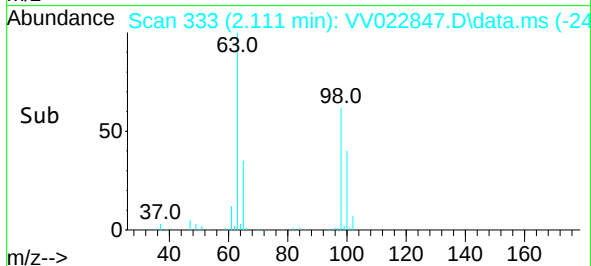
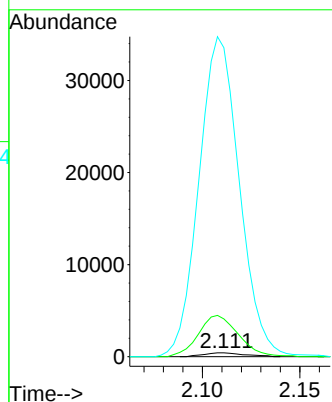
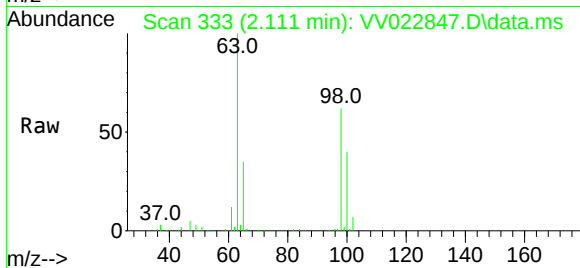
Lab File: VV022847.D

Acq: 15 Oct 2021 19:29

Tgt Ion: 96 Resp: 607

Ion	Ratio	Lower	Upper
96	100		
61	974.3	127.3	236.5#
63	7971.5	106.2	197.2#

Instrument :
MSVOA_V
ClientSampled :



#13

Acetone

Concen: 2.306 ug/L

RT: 2.191 min Scan# 358

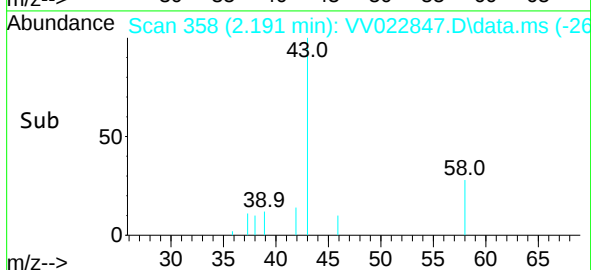
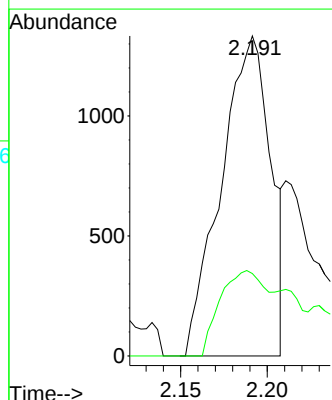
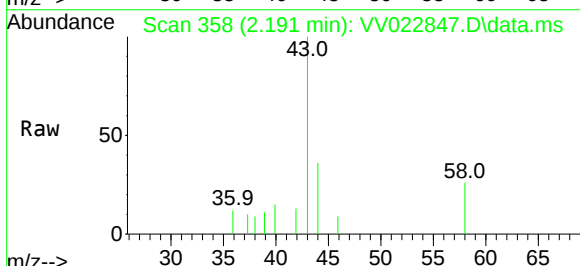
Delta R.T. 0.006 min

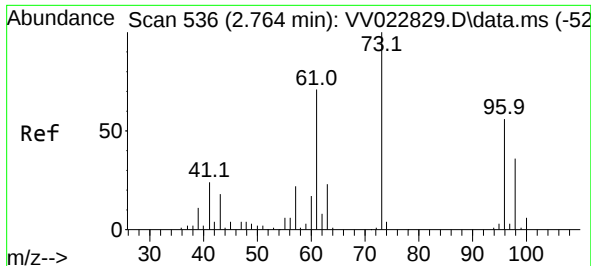
Lab File: VV022847.D

Acq: 15 Oct 2021 19:29

Tgt Ion: 43 Resp: 2649

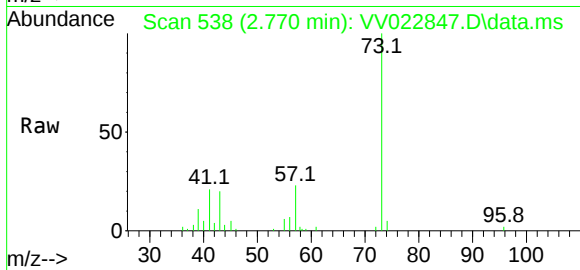
Ion	Ratio	Lower	Upper
43	100		
58	26.1	0.0	24.2#



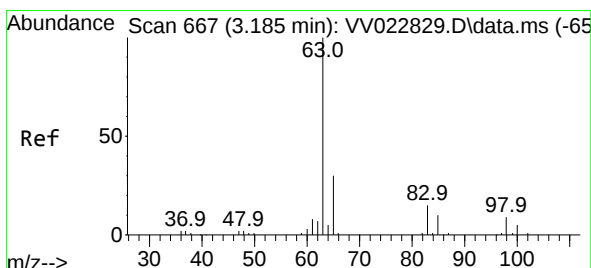
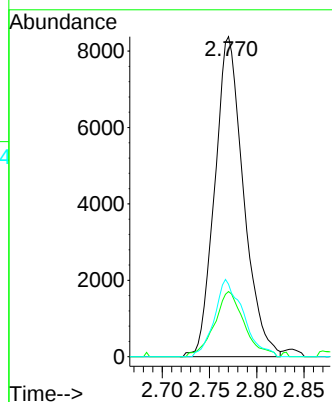
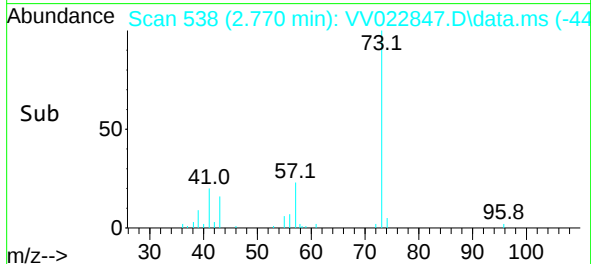


#17
Methyl tert-butyl Ether
Concen: 1.058 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

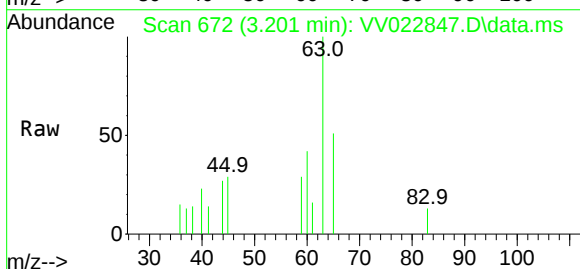
Instrument :
MSVOA_V
ClientSampled :



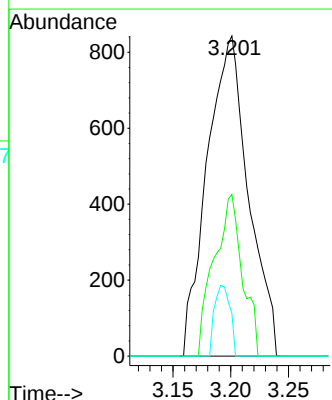
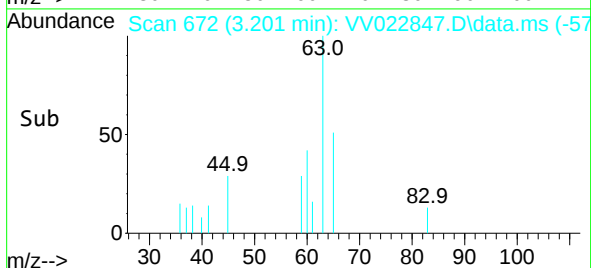
Tgt Ion: 73 Resp: 17666
Ion Ratio Lower Upper
73 100
43 21.1 17.1 25.7
57 24.2 17.2 25.8

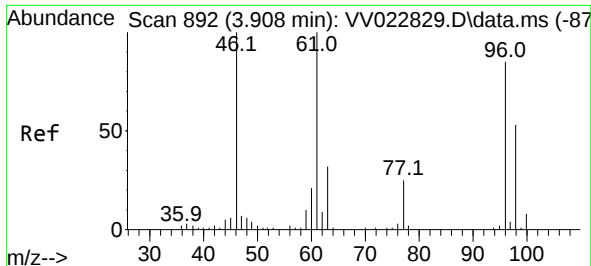


#19
1,1-Dichloroethane
Concen: 0.155 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.016 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29



Tgt Ion: 63 Resp: 2092
Ion Ratio Lower Upper
63 100
65 50.5 23.5 43.7#
83 13.4 10.1 18.7

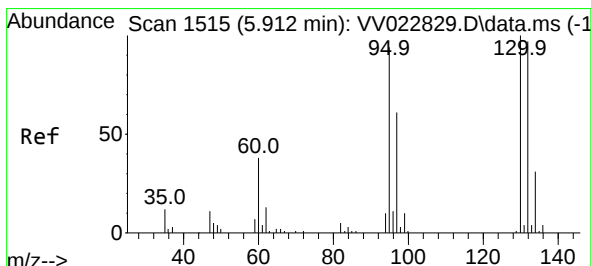
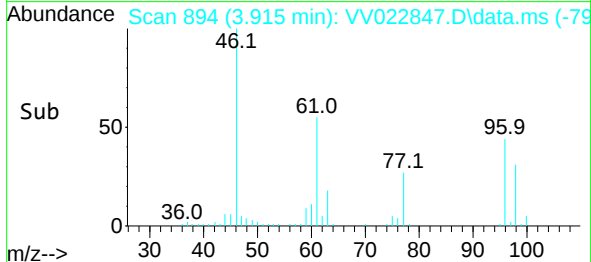
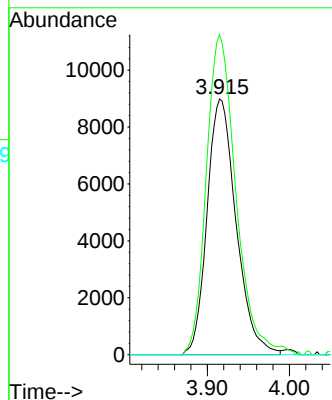
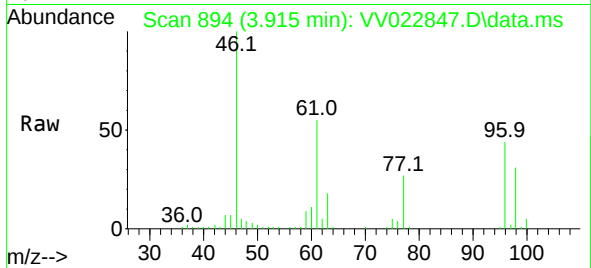




#22
 cis-1,2-Dichloroethene
 Concen: 2.809 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV022847.D
 Acq: 15 Oct 2021 19:29

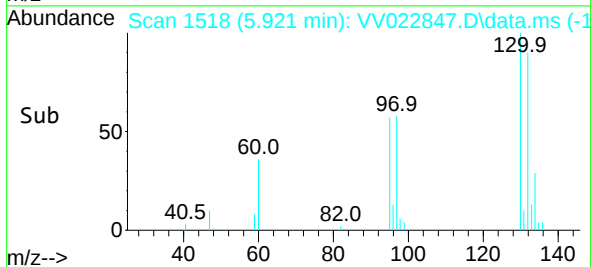
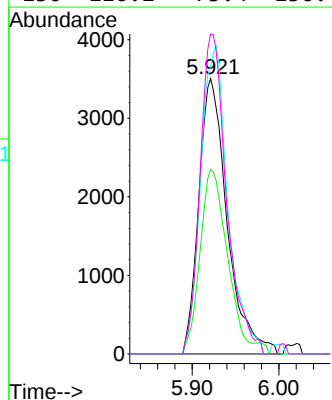
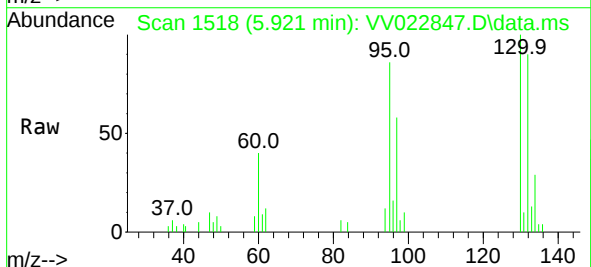
Instrument :
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 ClientSampleId :

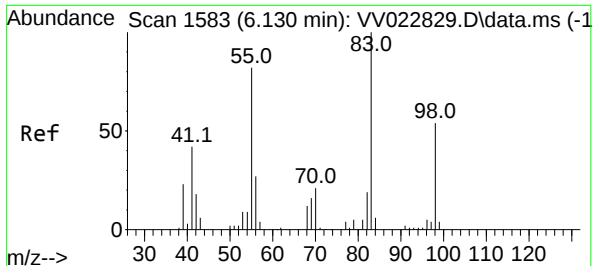
Tgt Ion: 96 Resp: 22121
 Ion Ratio Lower Upper
 96 100
 61 125.2 86.0 159.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.947 ug/L
 RT: 5.921 min Scan# 1518
 Delta R.T. 0.010 min
 Lab File: VV022847.D
 Acq: 15 Oct 2021 19:29

Tgt Ion: 95 Resp: 7961
 Ion Ratio Lower Upper
 95 100
 97 67.1 45.8 85.2
 132 104.5 72.2 134.0
 130 116.2 73.4 136.4





#35

Methylcyclohexane

Concen: 1.122 ug/L

RT: 6.069 min Scan# 1564

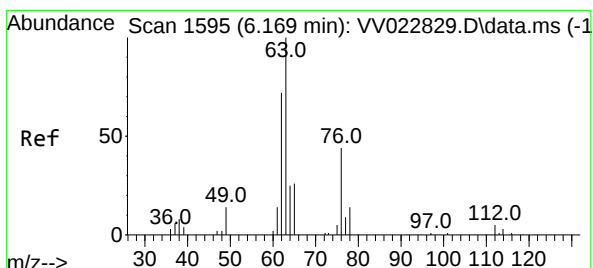
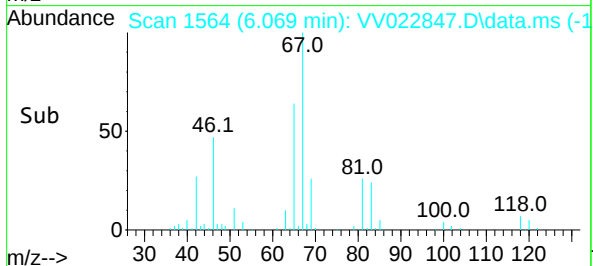
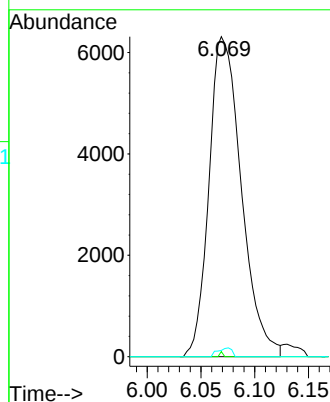
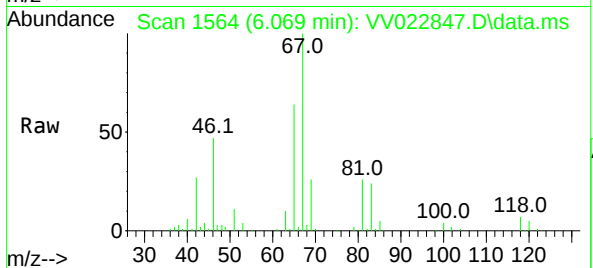
Delta R.T. -0.061 min

Lab File: VV022847.D

Acq: 15 Oct 2021 19:29

Tgt Ion:	83	Resp:	13210
Ion	Ratio	Lower	Upper
83	100		
55	0.1	63.8	95.6#
98	1.2	42.1	63.1#

Instrument :
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ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.758 ug/L

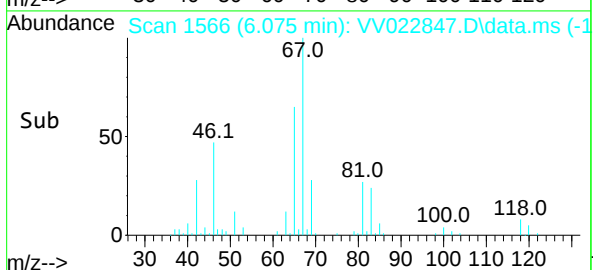
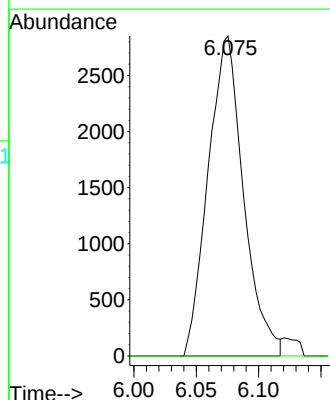
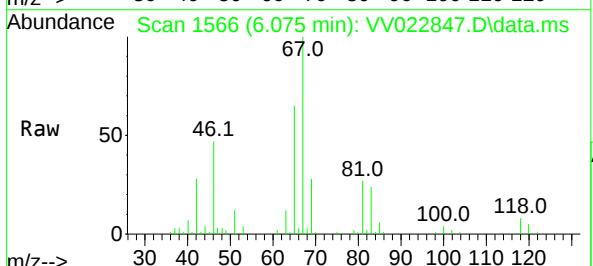
RT: 6.075 min Scan# 1566

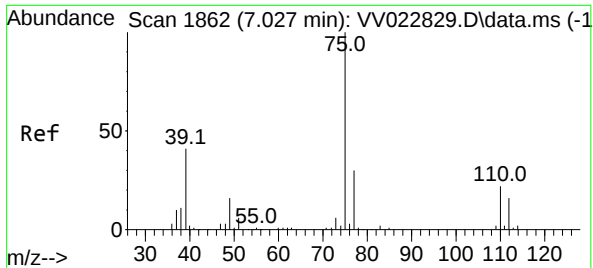
Delta R.T. -0.093 min

Lab File: VV022847.D

Acq: 15 Oct 2021 19:29

Tgt Ion:	63	Resp:	5637
Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.4	6.6#

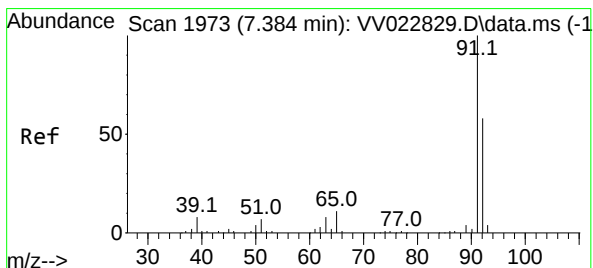
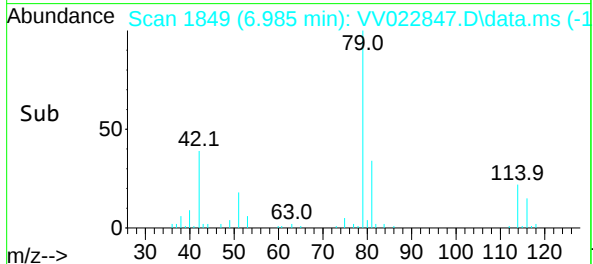
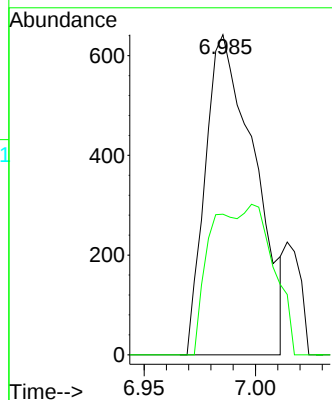
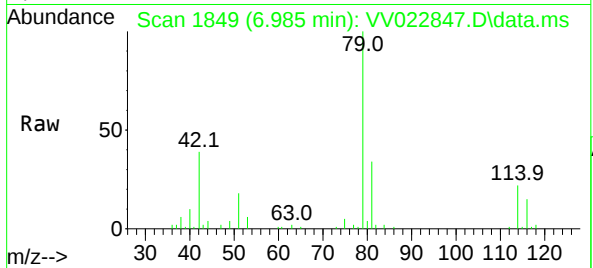




#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

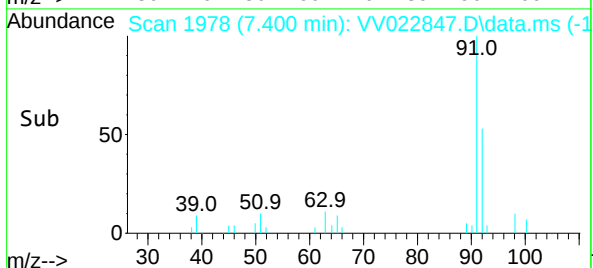
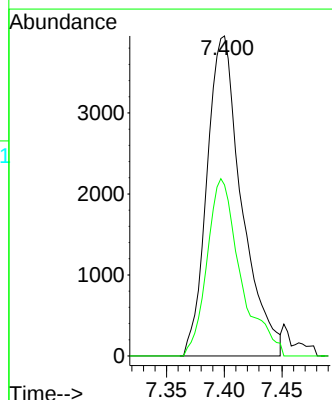
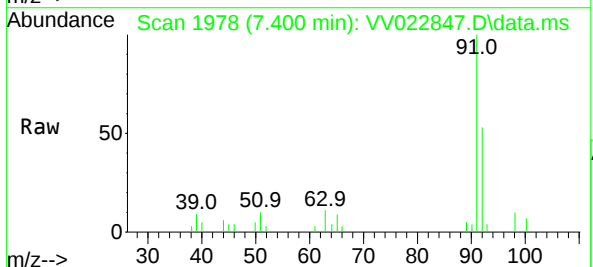
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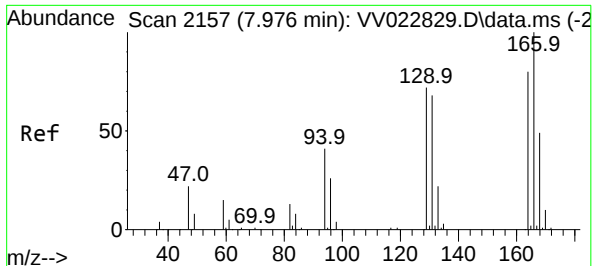
Tgt Ion: 75 Resp: 986
Ion Ratio Lower Upper
75 100
77 43.9 22.3 41.3#



#42
Toluene
Concen: 0.263 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

Tgt Ion: 91 Resp: 8263
Ion Ratio Lower Upper
91 100
92 53.5 40.7 75.7

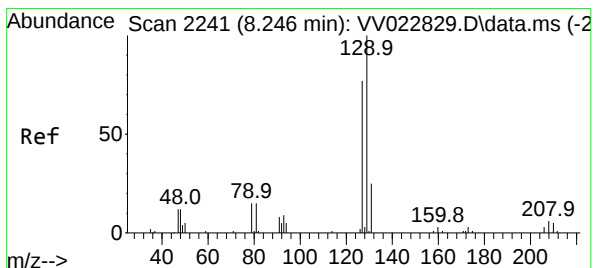
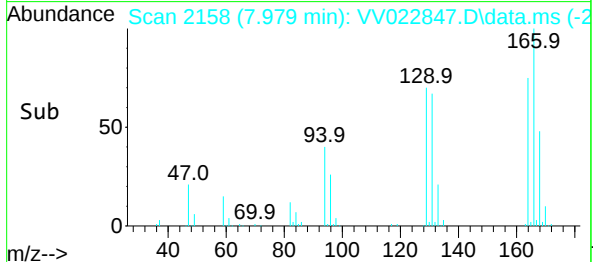
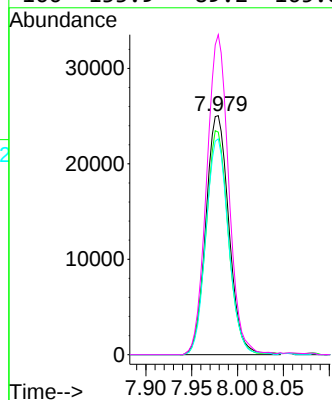
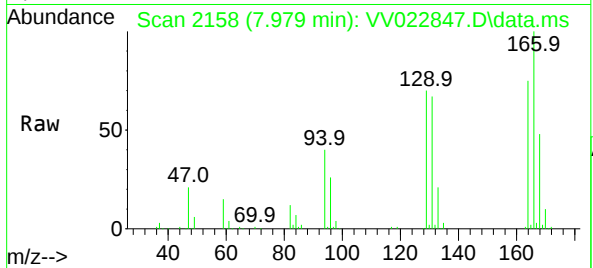




#47
Tetrachloroethene
Concen: 6.447 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

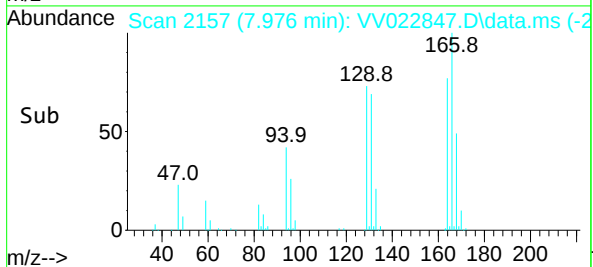
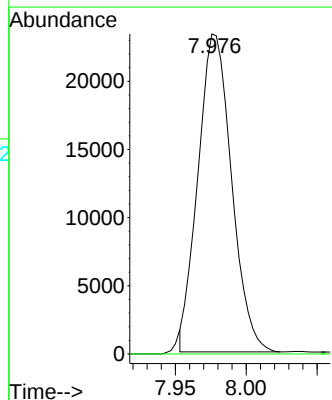
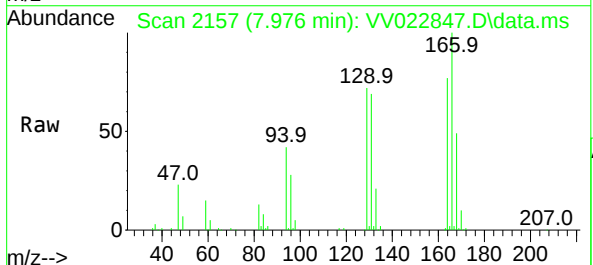
Instrument :
MSVOA_V
ClientSampled :

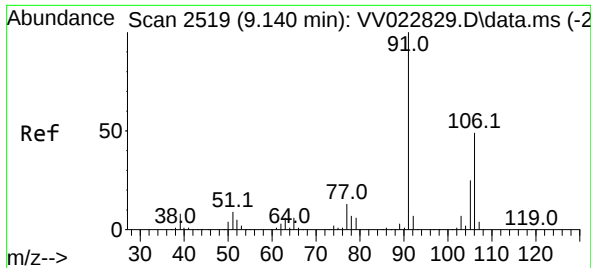
Tgt Ion:164 Resp: 43828
Ion Ratio Lower Upper
164 100
129 93.1 65.0 120.6
131 90.3 62.2 115.4
166 133.9 89.2 165.8



#49
Dibromochloromethane
Concen: 5.951 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

Tgt Ion:129 Resp: 38430
Ion Ratio Lower Upper
129 100
127 0.0 59.1 109.9#

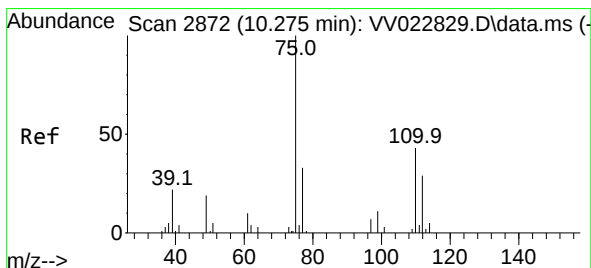
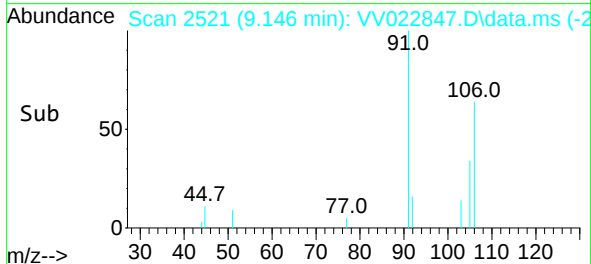
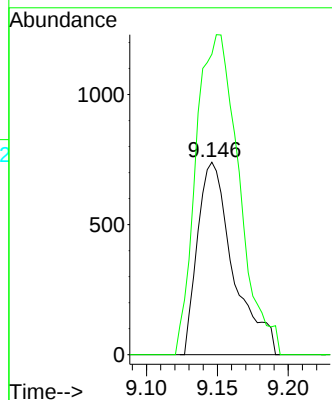
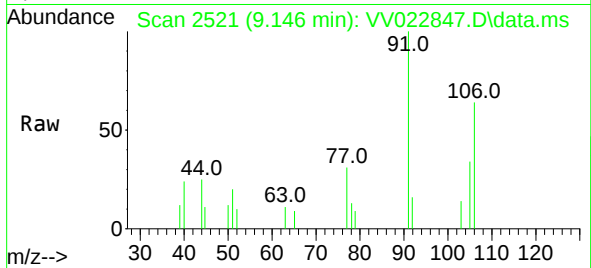




#53
m,p-xylene
Concen: 0.104 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

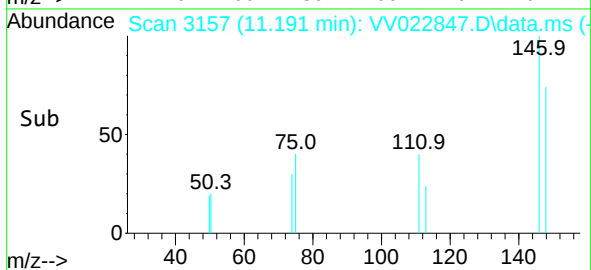
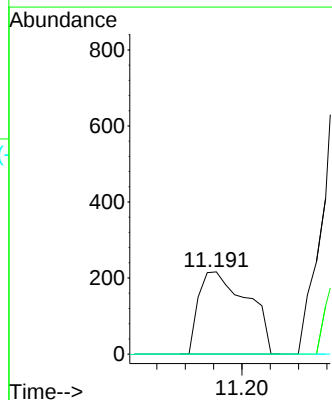
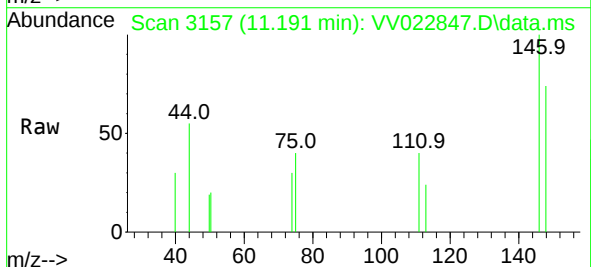
Instrument :
MSVOA_V
ClientSampled :

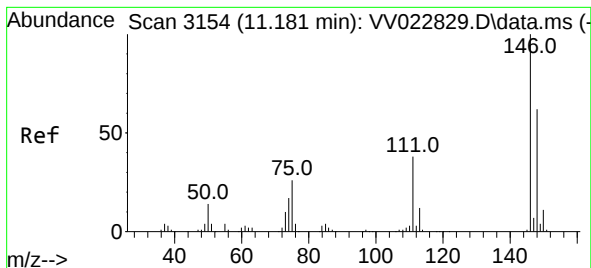
Tgt Ion:106 Resp: 1295
Ion Ratio Lower Upper
106 100
91 156.1 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 0.069 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.916 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

Tgt Ion: 75 Resp: 259
Ion Ratio Lower Upper
75 100
77 25.1 25.4 38.2#
110 0.0 34.2 51.4#

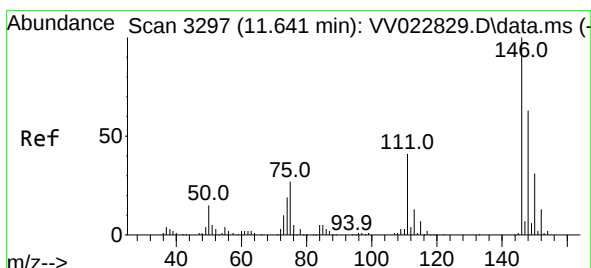
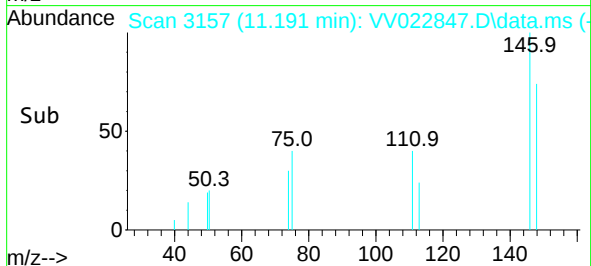
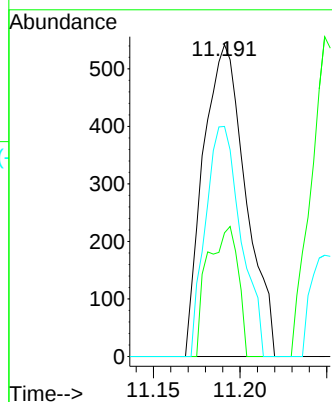
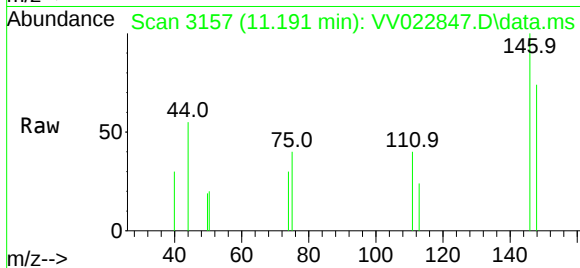




#64
1,3-Dichlorobenzene
Concen: 0.064 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.010 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

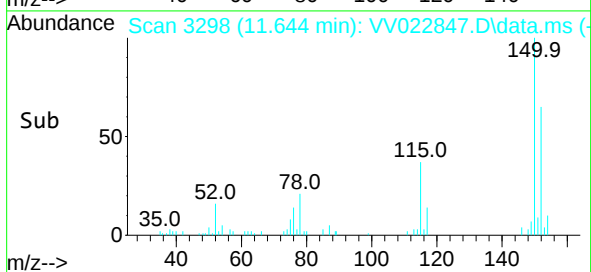
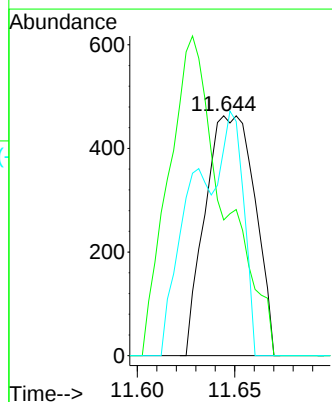
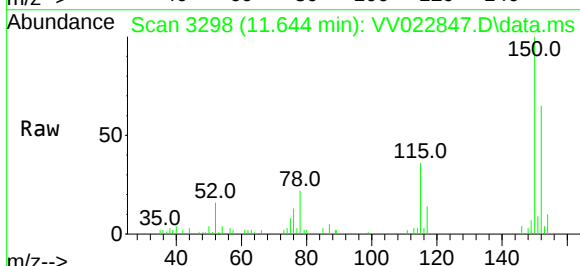
Instrument :
MSVOA_V
ClientSampleId :

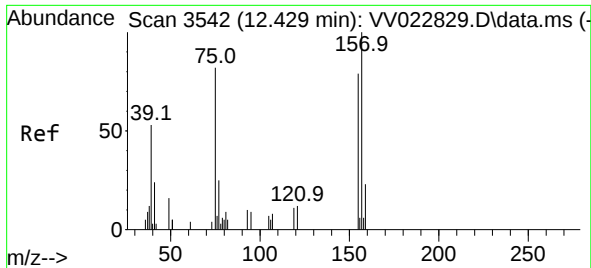
Tgt Ion:146 Resp: 922
Ion Ratio Lower Upper
146 100
111 39.7 26.7 49.5
148 73.8 45.1 83.9



#67
1,2-Dichlorobenzene
Concen: 0.061 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

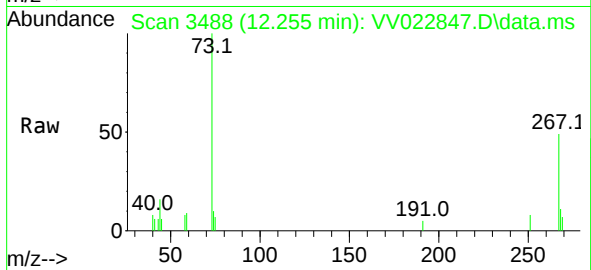
Tgt Ion:146 Resp: 823
Ion Ratio Lower Upper
146 100
111 56.6 32.3 48.5#
148 86.2 52.1 78.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.185 ug/L
 RT: 12.255 min Scan# 3488
 Delta R.T. -0.174 min
 Lab File: VV022847.D
 Acq: 15 Oct 2021 19:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 127
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#

