

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023413.D
 Acq On : 12 Nov 2021 01:23
 Operator : SY/MD
 Sample : M4580-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:11:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

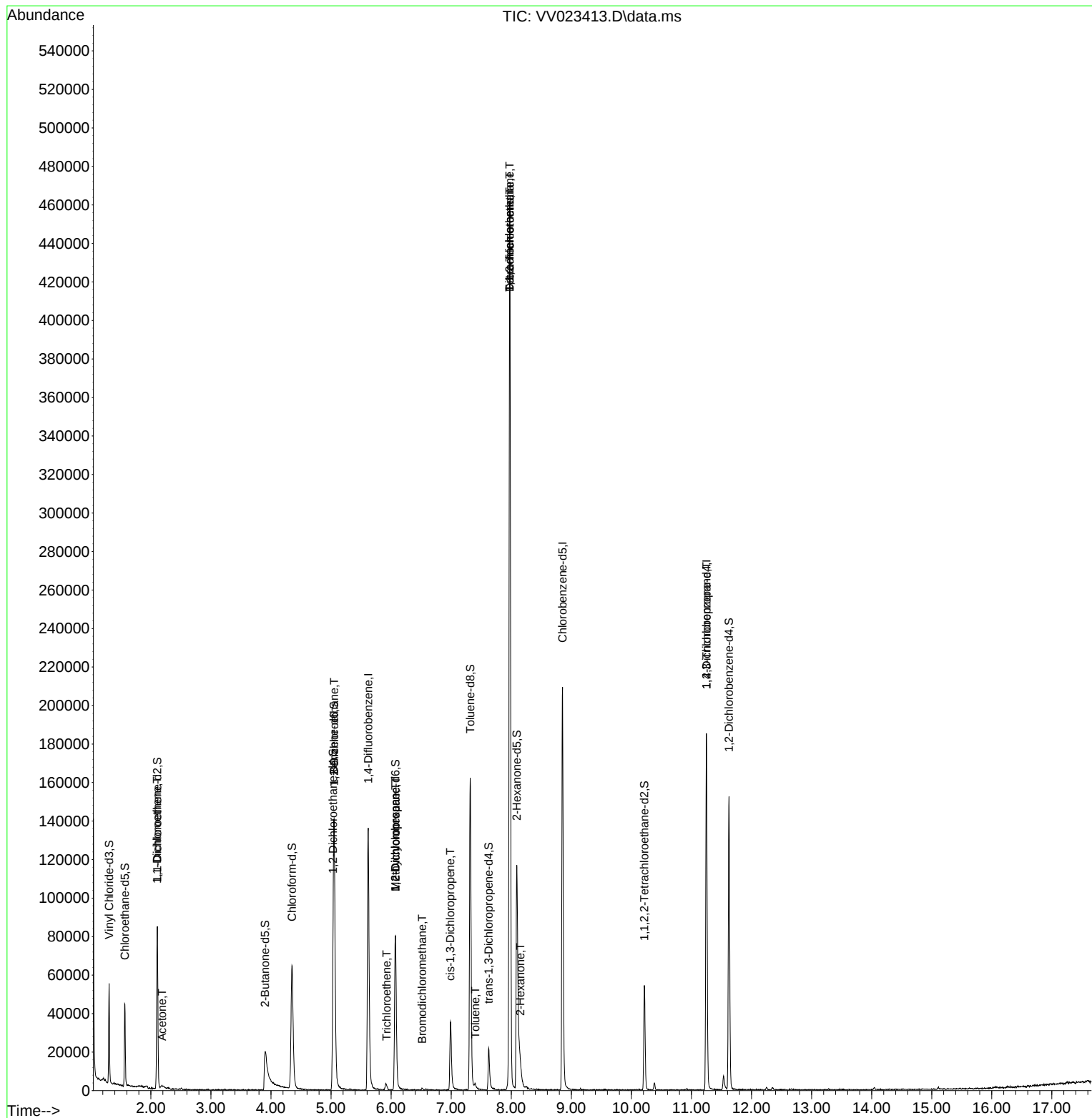
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117557	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30651	4.162	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.568	69	26050	4.340	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.108	63	43635	3.165	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.400%	
20) 2-Butanone-d5	3.902	46	46400	36.571	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.140%	
24) Chloroform-d	4.349	84	67404	4.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.034	65	31199	4.421	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
32) Benzene-d6	5.050	84	127262	4.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.072	67	39054	4.403	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.317	98	108185	3.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	7.625	79	13085	3.890	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.800%	
46) 2-Hexanone-d5	8.091	63	46038	37.203	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.400%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25364	3.976	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	40995	4.818	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	507	0.072	ug/L #	1
13) Acetone	2.188	43	2856	3.684	ug/L	86
27) 1,2-Dichloroethane	5.053	62	865	0.105	ug/L #	72
34) Trichloroethene	5.924	95	681	0.078	ug/L #	73
35) Methylcyclohexane	6.072	83	10170	0.738	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	4451	0.581	ug/L #	83
38) Bromodichloromethane	6.516	83	724	0.071	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1029	0.093	ug/L #	75
42) Toluene	7.400	91	2199	0.063	ug/L	97
45) 1,1,2-Trichloroethane	7.973	97	834	0.151	ug/L #	3
47) Tetrachloroethene	7.976	164	104799	13.853	ug/L	99
48) 2-Hexanone	8.153	43	3855	1.548	ug/L #	73
49) Dibromochloromethane	7.976	129	91225	13.076	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5804	1.710	ug/L #	66

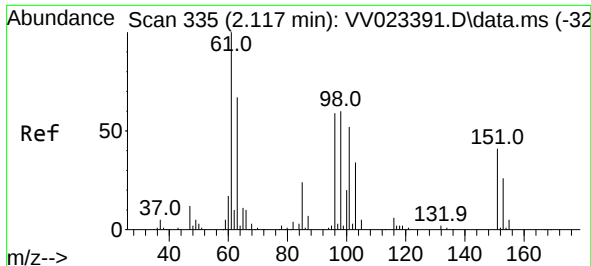
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023413.D

Acq: 12 Nov 2021 01:23

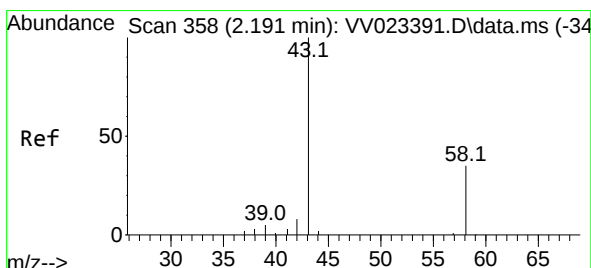
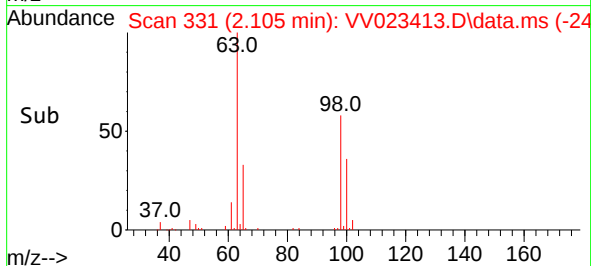
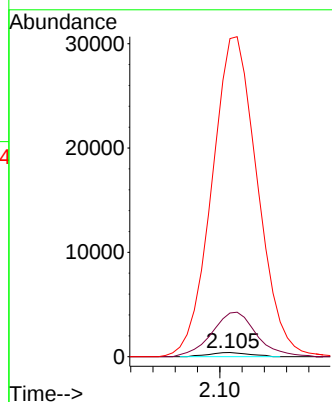
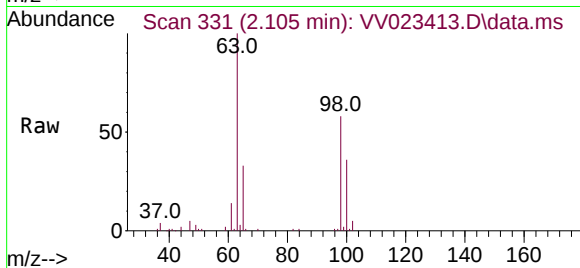
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 507

Ion	Ratio	Lower	Upper
96	100		
61	1056.6	121.5	225.7#
63	7699.0	99.6	185.0#



#13

Acetone

Concen: 3.684 ug/L

RT: 2.188 min Scan# 357

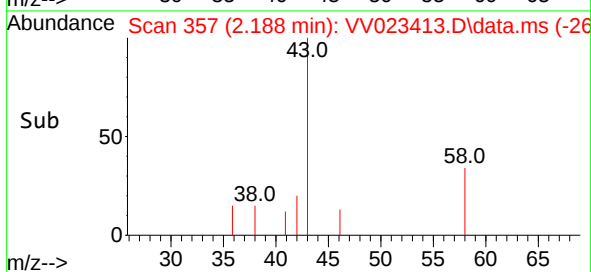
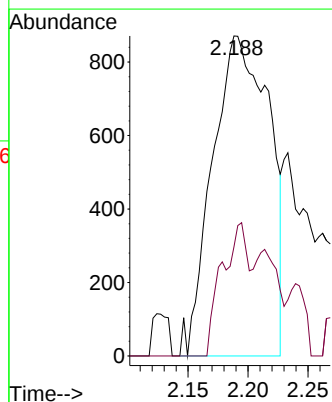
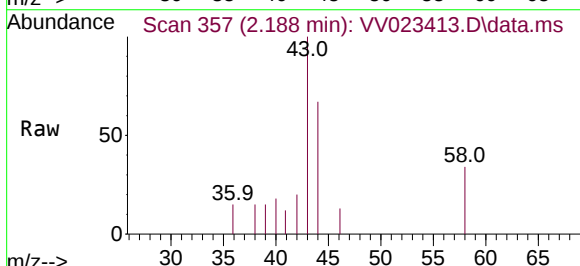
Delta R.T. -0.003 min

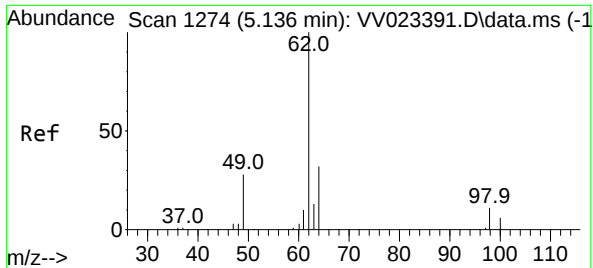
Lab File: VV023413.D

Acq: 12 Nov 2021 01:23

Tgt Ion: 43 Resp: 2856

Ion	Ratio	Lower	Upper
43	100		
58	20.5	0.0	55.4





#27

1,2-Dichloroethane

Concen: 0.105 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.083 min

Lab File: VV023413.D

Acq: 12 Nov 2021 01:23

Instrument :

MSVOA_V

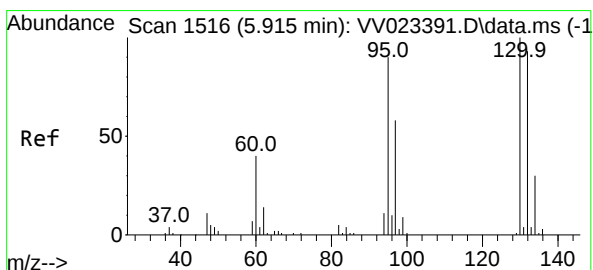
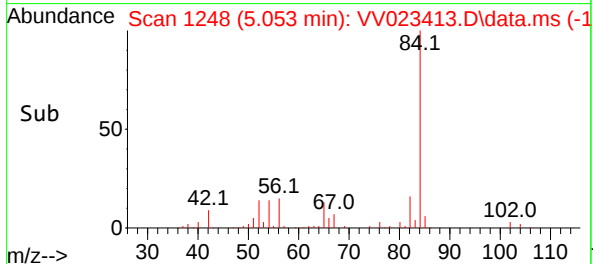
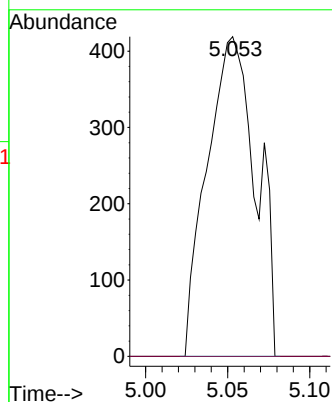
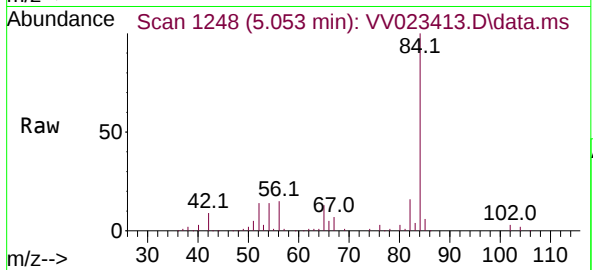
ClientSampleId :

Tgt Ion: 62 Resp: 865

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.078 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VV023413.D

Acq: 12 Nov 2021 01:23

Tgt Ion: 95 Resp: 681

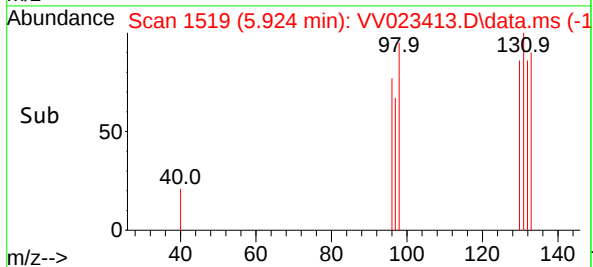
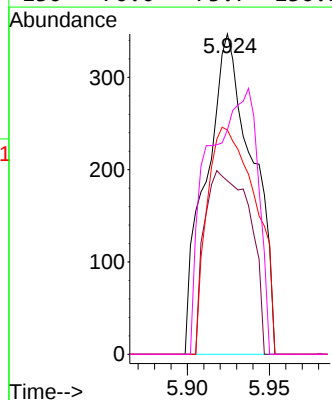
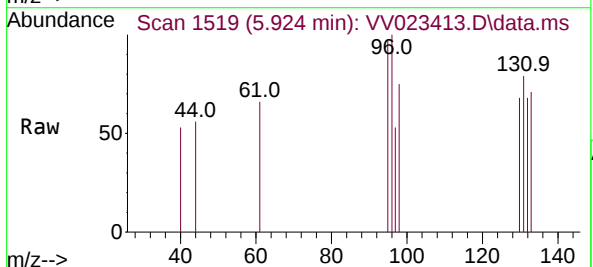
Ion Ratio Lower Upper

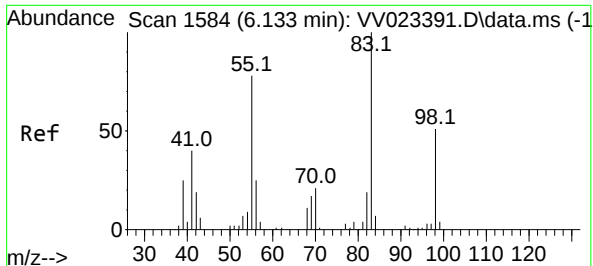
95 100

97 54.2 45.0 83.6

132 70.0 69.7 129.4

130 70.0 73.7 136.9#





#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023413.D

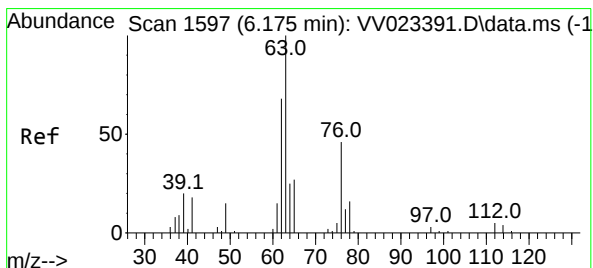
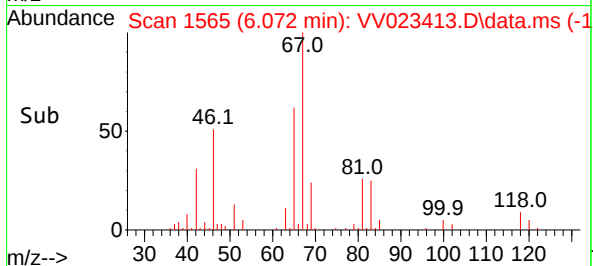
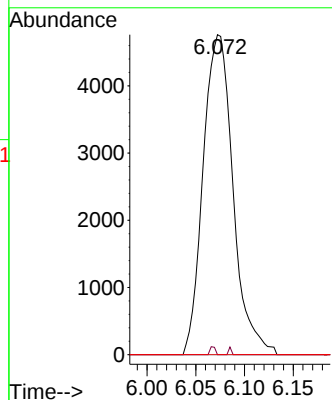
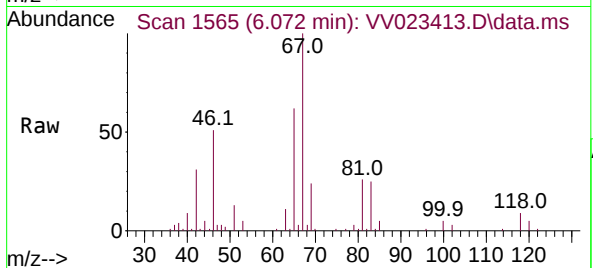
Acq: 12 Nov 2021 01:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10170
Ion Ratio	Lower Upper
83	100
55	0.4 62.8 94.2#
98	5.4 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.581 ug/L

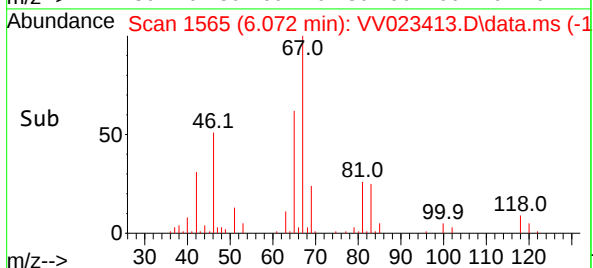
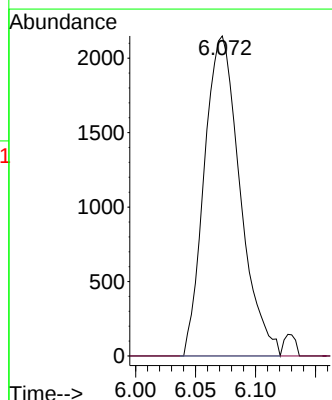
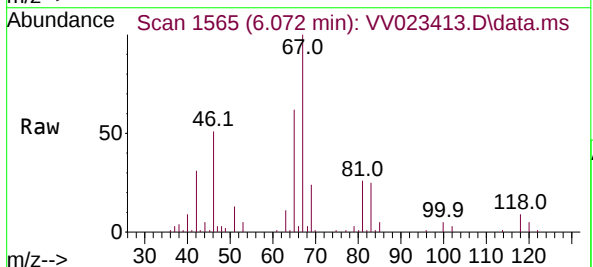
RT: 6.072 min Scan# 1565

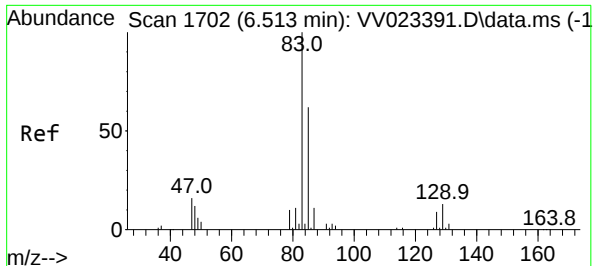
Delta R.T. -0.103 min

Lab File: VV023413.D

Acq: 12 Nov 2021 01:23

Tgt Ion: 63	Resp: 4451
Ion Ratio	Lower Upper
63	100
112	0.0 4.6 6.8#

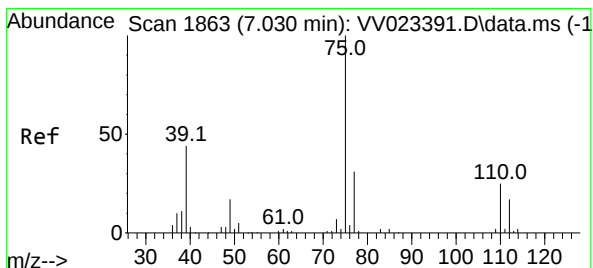
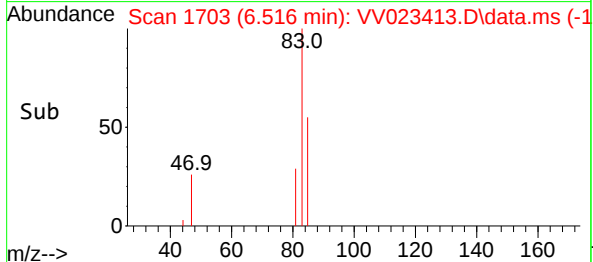
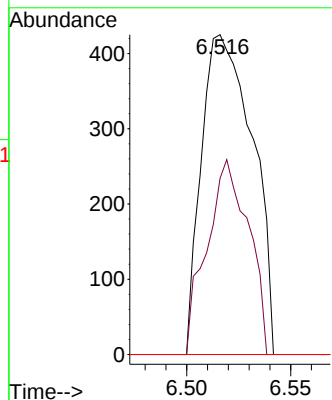
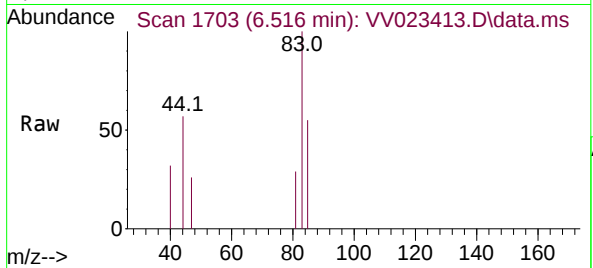




#38
Bromodichloromethane
Concen: 0.071 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023413.D
Acq: 12 Nov 2021 01:23

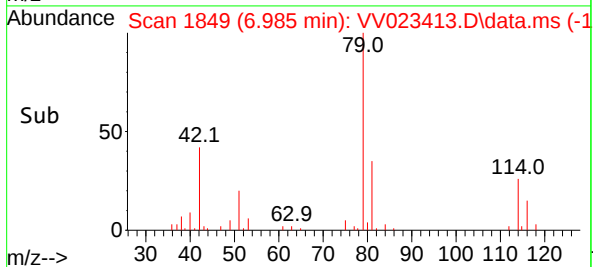
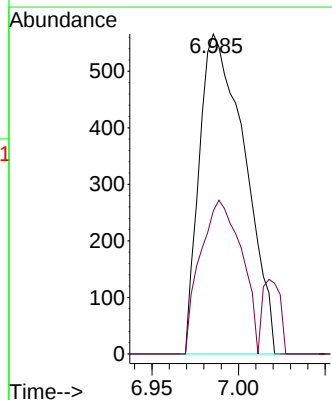
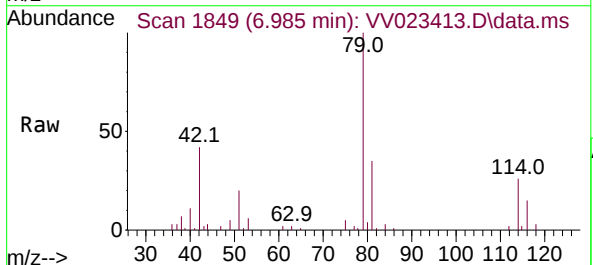
Instrument :
MSVOA_V
ClientSampleId :

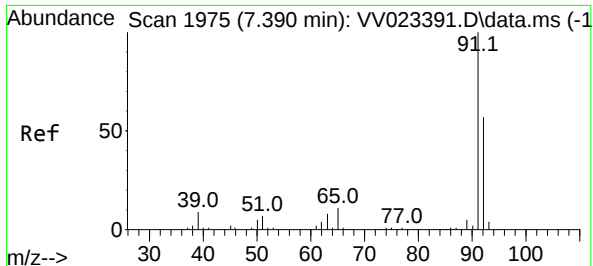
Tgt Ion: 83 Resp: 724
Ion Ratio Lower Upper
83 100
85 55.1 46.1 85.7
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV023413.D
Acq: 12 Nov 2021 01:23

Tgt Ion: 75 Resp: 1029
Ion Ratio Lower Upper
75 100
77 44.7 21.6 40.2#

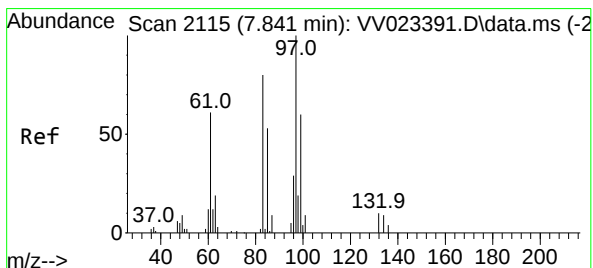
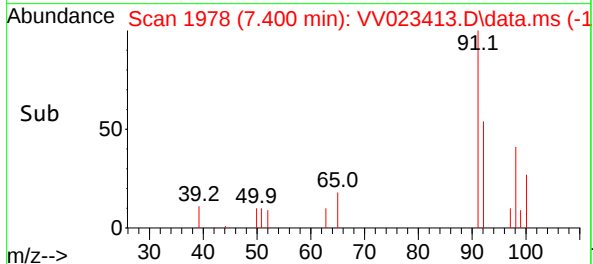
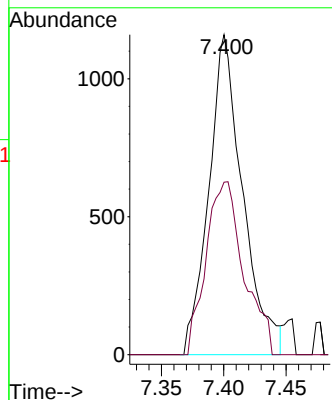
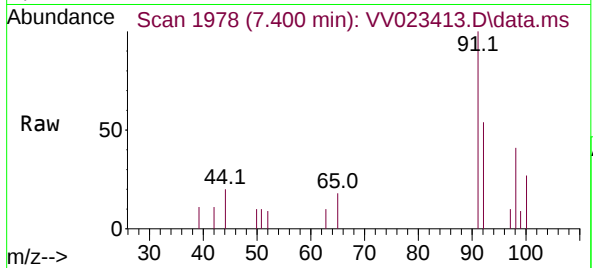




#42
Toluene
Concen: 0.063 ug/L
RT: 7.400 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV023413.D
Acq: 12 Nov 2021 01:23

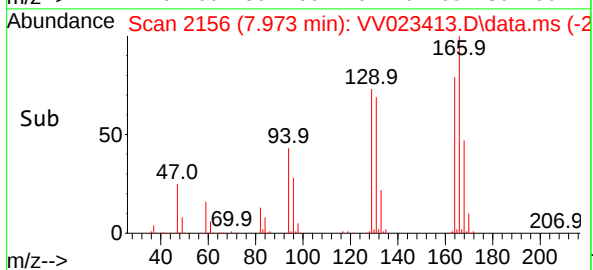
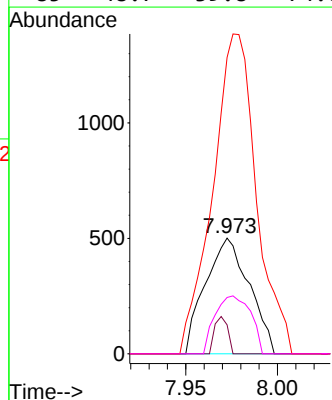
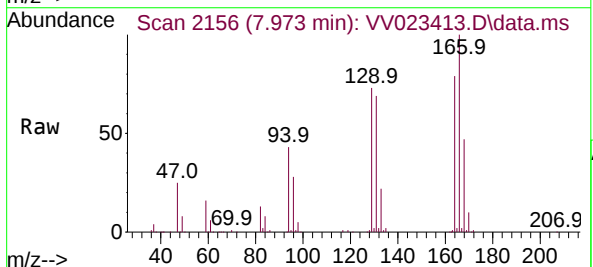
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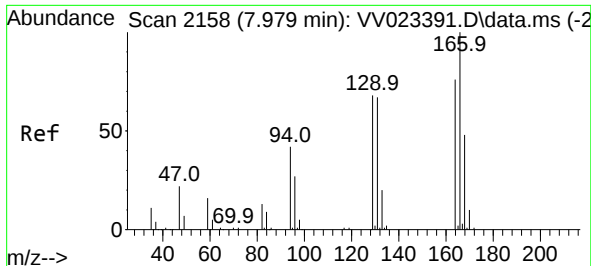
Tgt Ion: 91 Resp: 2199
Ion Ratio Lower Upper
91 100
92 53.9 39.3 72.9



#45
1,1,2-Trichloroethane
Concen: 0.151 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.132 min
Lab File: VV023413.D
Acq: 12 Nov 2021 01:23

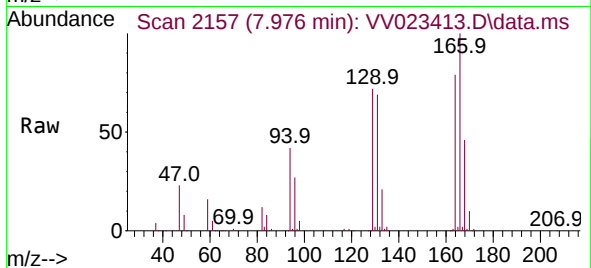
Tgt Ion: 97 Resp: 834
Ion Ratio Lower Upper
97 100
99 25.1 43.6 81.0#
83 256.1 58.4 108.4#
85 48.7 39.8 74.0



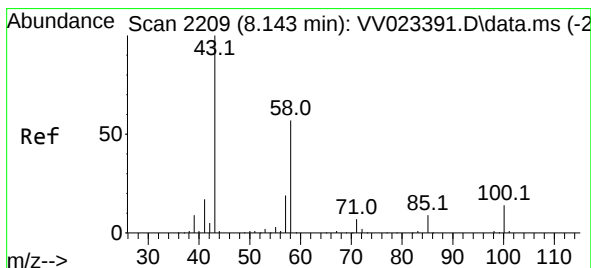
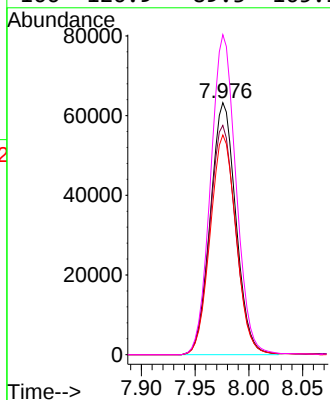
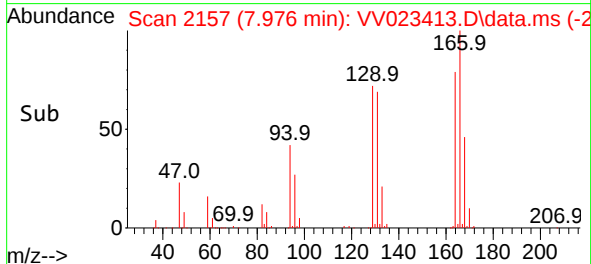


#47
Tetrachloroethene
Concen: 13.853 ug/L
RT: 7.976 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VV023413.D
Acq: 12 Nov 2021 01:23

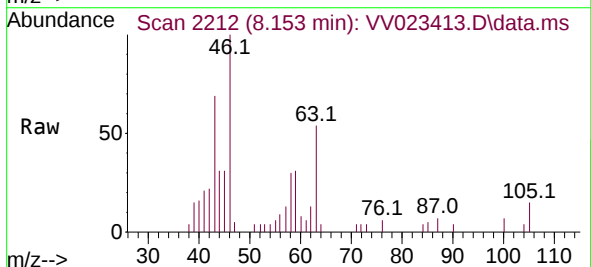
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ClientSampleId :



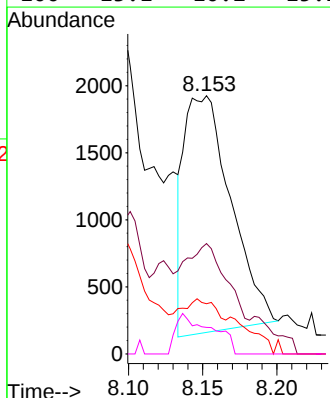
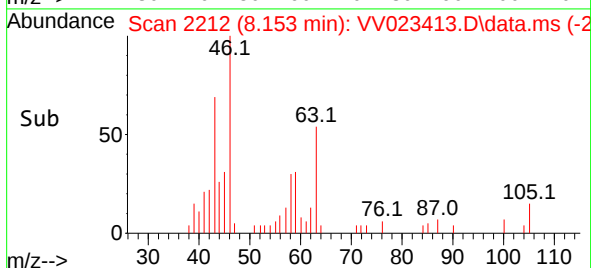
Tgt Ion:164 Resp: 104799
Ion Ratio Lower Upper
164 100
129 91.0 64.0 119.0
131 87.1 63.4 117.8
166 126.9 89.3 165.9

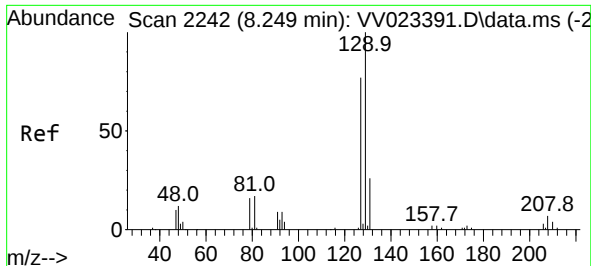


#48
2-Hexanone
Concen: 1.548 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.010 min
Lab File: VV023413.D
Acq: 12 Nov 2021 01:23



Tgt Ion: 43 Resp: 3855
Ion Ratio Lower Upper
43 100
58 30.0 43.7 65.5#
57 27.9 14.1 21.1#
100 13.1 10.2 15.2





#49

Dibromochloromethane

Concen: 13.076 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV023413.D

Acq: 12 Nov 2021 01:23

Instrument :

MSVOA_V

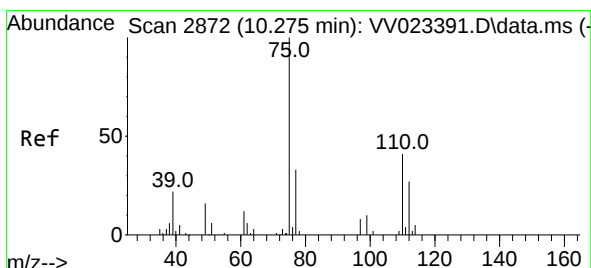
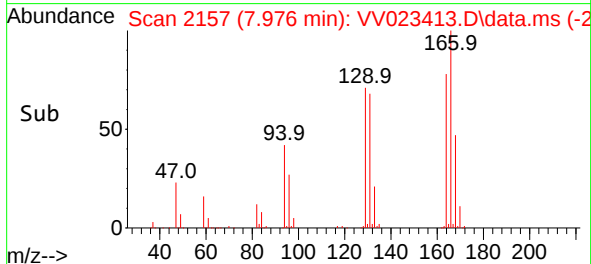
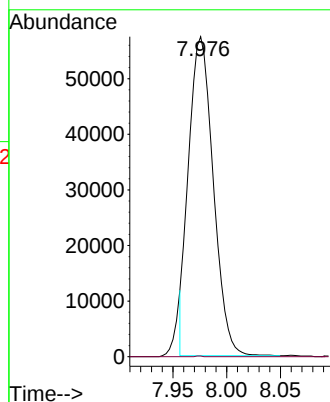
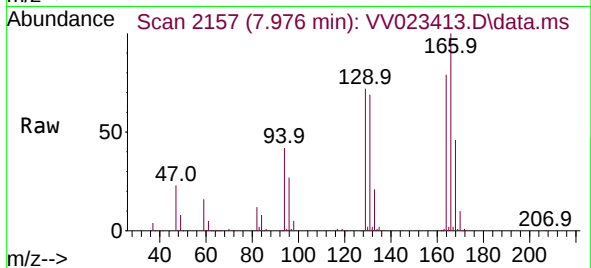
ClientSampleId :

Tgt Ion:129 Resp: 91225

Ion Ratio Lower Upper

129 100

127 0.2 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.710 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023413.D

Acq: 12 Nov 2021 01:23

Tgt Ion: 75 Resp: 5804

Ion Ratio Lower Upper

75 100

77 35.0 26.6 39.8

110 3.0 31.8 47.6#

