

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023802.D
 Acq On : 06 Dec 2021 16:56
 Operator : SY/MD
 Sample : M4979-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 05:32:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	171205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	159978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44985	3.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.568	69	37994	3.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	2.108	63	69278	2.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	3.889	46	108338	64.122	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.240%
24) Chloroform-d	4.349	84	104223	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.034	65	49912	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.050	84	209537	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.069	67	62508	5.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.316	98	187730	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.625	79	22409	4.550	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.088	63	94830	57.958	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40962	4.659	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	74094	5.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1130	0.080	ug/L	98
6) Bromomethane	1.523	94	672	0.080	ug/L	92
12) 1,1-Dichloroethene	2.108	96	731	0.064	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	2300	0.098	ug/L #	53
34) Trichloroethene	5.924	95	2497	0.204	ug/L	92
35) Methylcyclohexane	6.072	83	15553	0.817	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7450	0.687	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1792	0.116	ug/L #	58
42) Toluene	7.397	91	3310	0.067	ug/L	88
47) Tetrachloroethene	7.976	164	11398	1.025	ug/L	97
48) 2-Hexanone	8.088	43	10524	2.751	ug/L #	67
49) Dibromochloromethane	7.976	129	10668	1.037	ug/L #	11
53) m,p-xylene	9.149	106	1820	0.088	ug/L	79
60) Isopropylbenzene	10.451	105	2540	0.054	ug/L #	70
61) 1,2,3-Trichloropropane	11.249	75	8613	1.532	ug/L #	61
63) 1,2,4-Trimethylbenzene	10.918	105	6479	0.166	ug/L	100
71) Naphthalene	13.509	128	4836	0.245	ug/L	97

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 07 05:32:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration

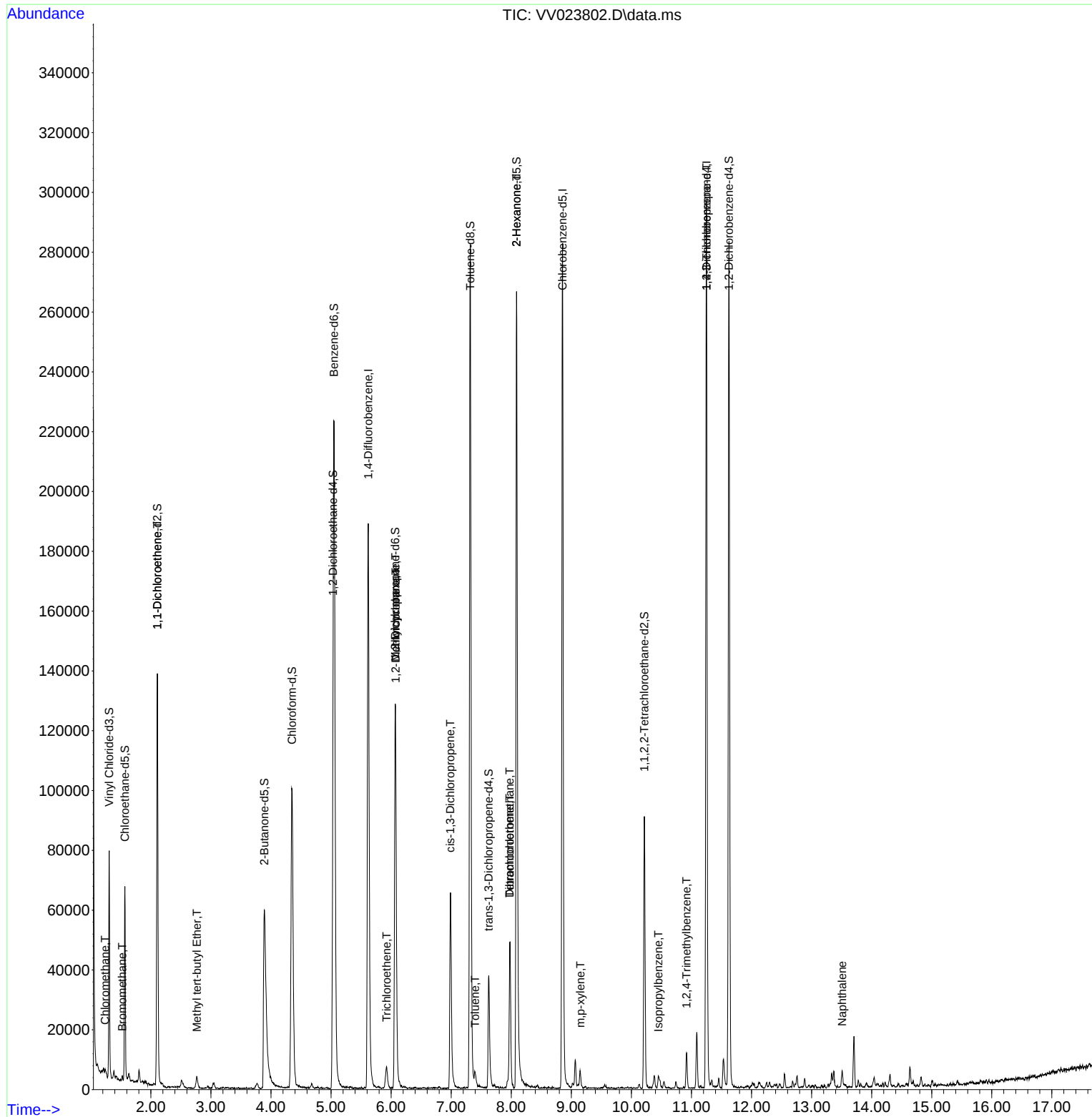
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

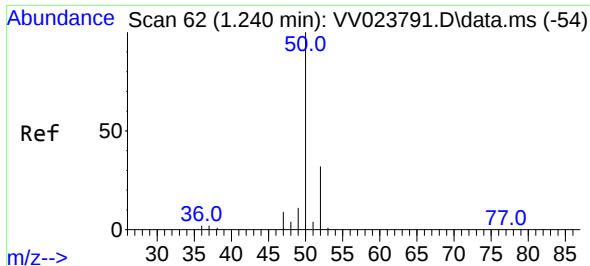
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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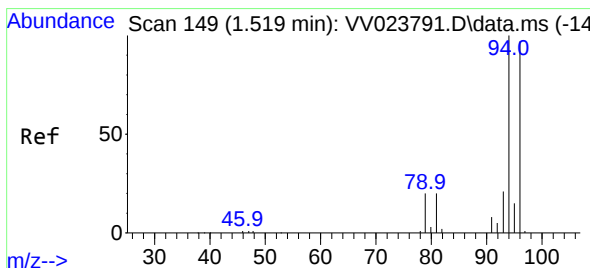
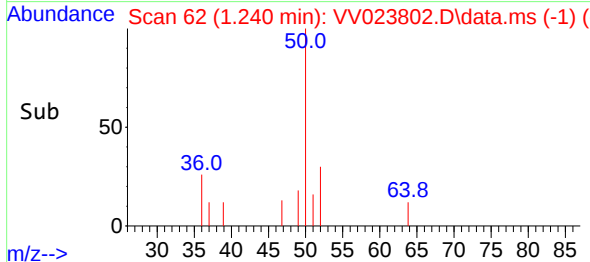
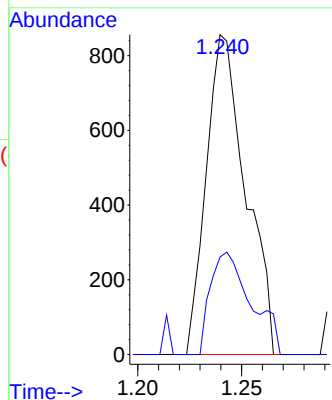
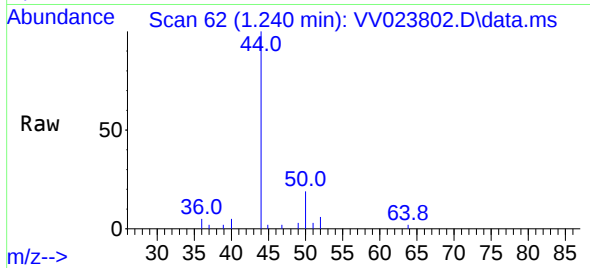




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

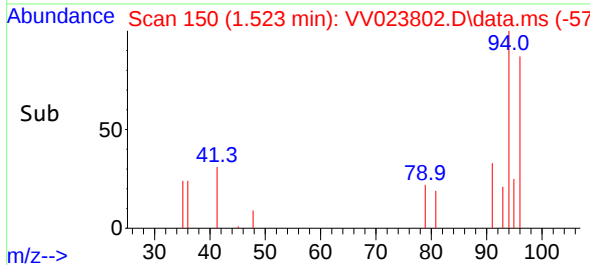
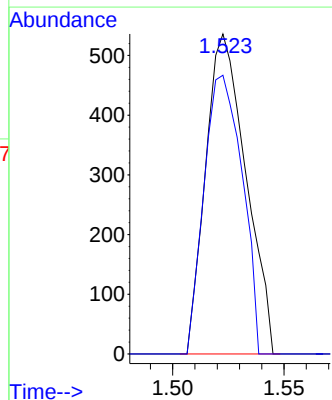
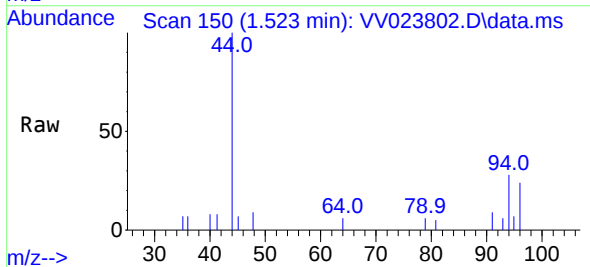
Instrument :
MSVOA_V
ClientSampleId :

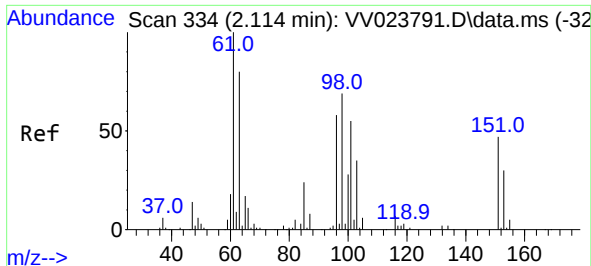
Tgt Ion: 50 Resp: 1130
Ion Ratio Lower Upper
50 100
52 30.5 22.0 41.0



#6
Bromomethane
Concen: 0.080 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

Tgt Ion: 94 Resp: 672
Ion Ratio Lower Upper
94 100
96 87.1 66.2 123.0

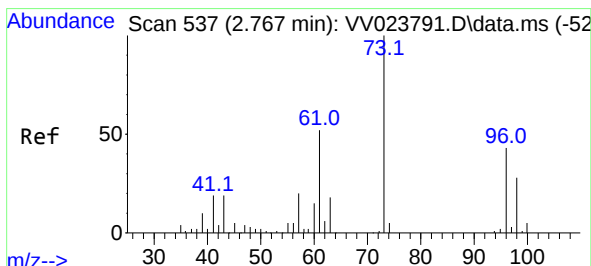
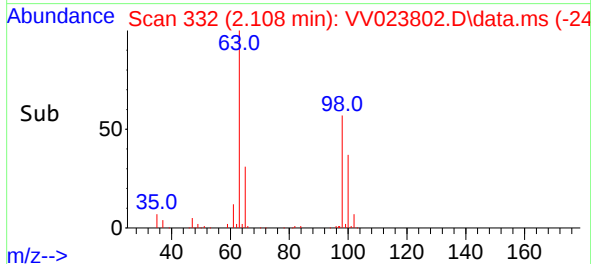
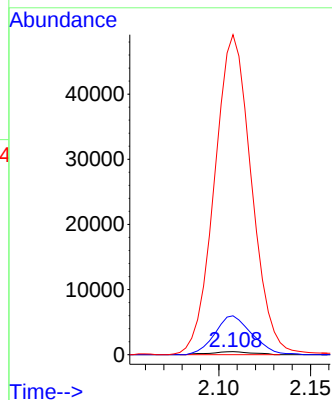
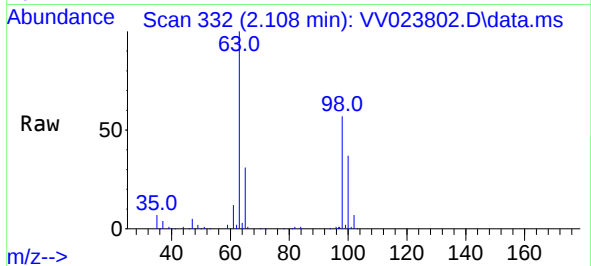




#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

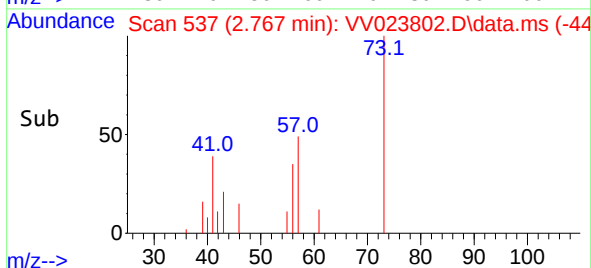
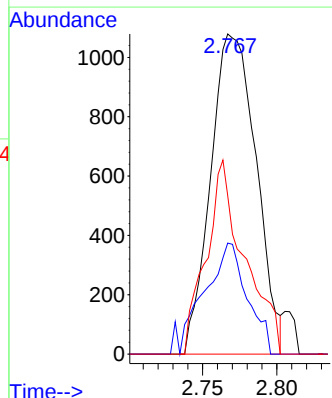
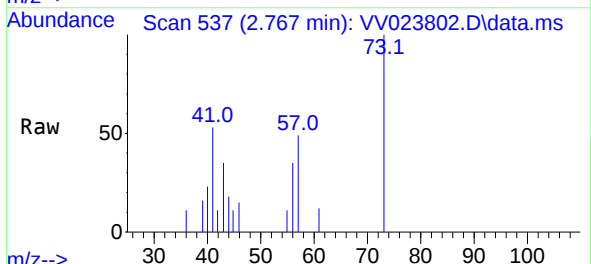
Instrument :
MSVOA_V
ClientSampleId :

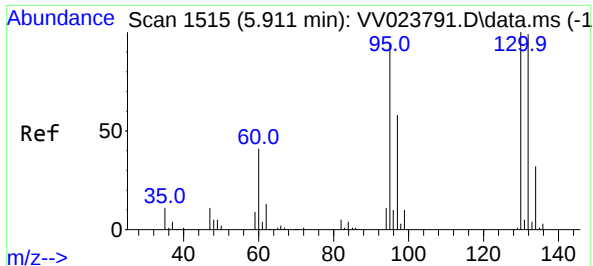
Tgt Ion: 96 Resp: 731
Ion Ratio Lower Upper
96 100
61 1280.1 116.1 215.5#
63 10519.9 79.4 147.4#



#17
Methyl tert-butyl Ether
Concen: 0.098 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

Tgt Ion: 73 Resp: 2300
Ion Ratio Lower Upper
73 100
43 33.2 15.5 23.3#
57 51.0 17.1 25.7#



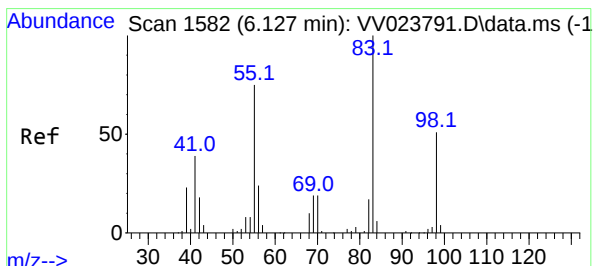
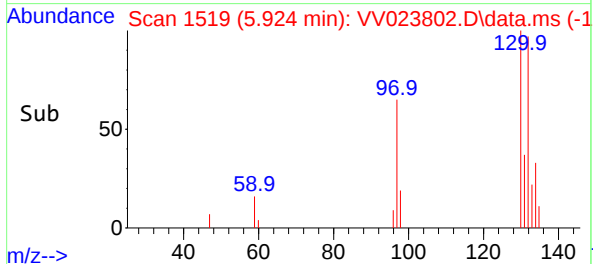
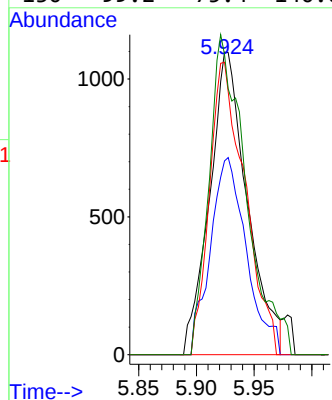
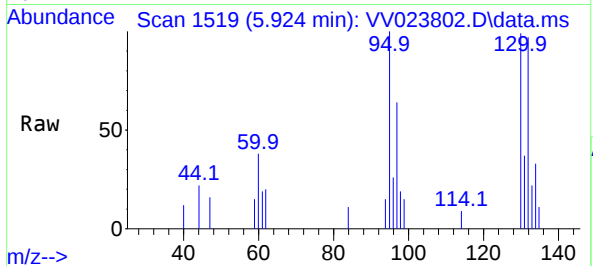


#34
Trichloroethene
Concen: 0.204 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2497

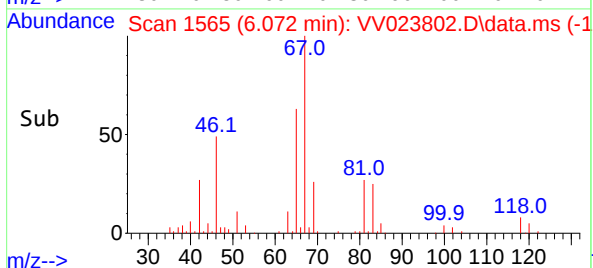
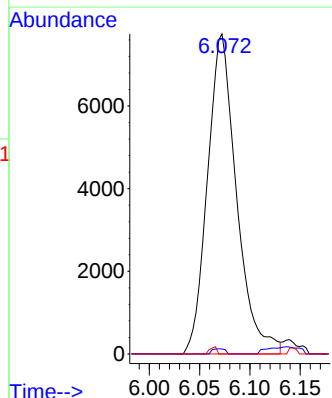
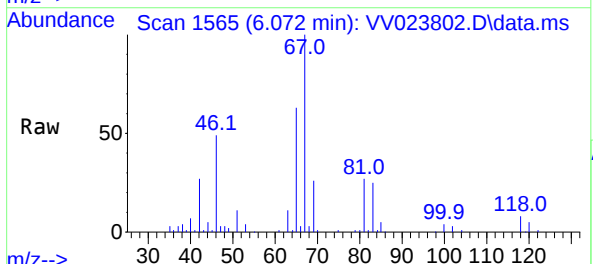
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.2	84.0
132	96.6	76.1	141.3
130	99.2	75.4	140.0

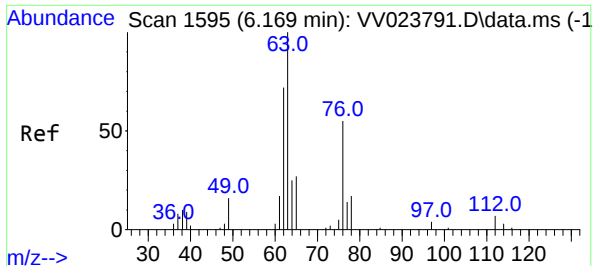


#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

Tgt Ion: 83 Resp: 15553

Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.2	90.2#
98	0.5	41.0	61.4#

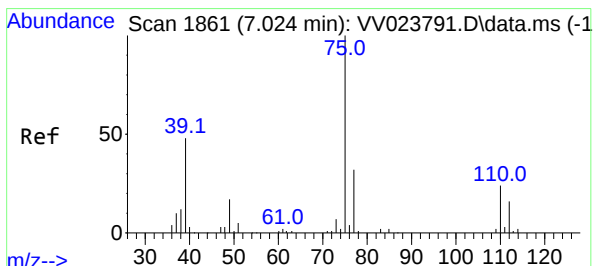
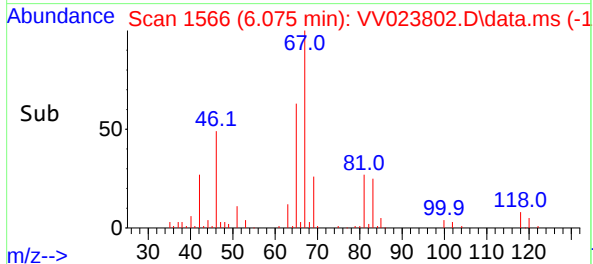
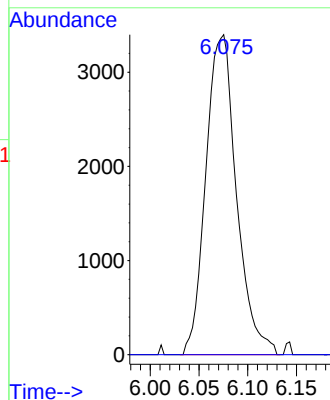
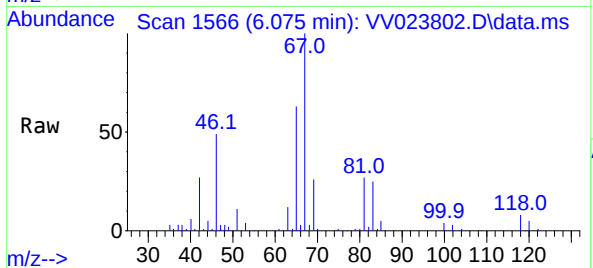




#37
1,2-Dichloropropane
Concen: 0.687 ug/L
RT: 6.075 min Scan# 11
Delta R.T. -0.093 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

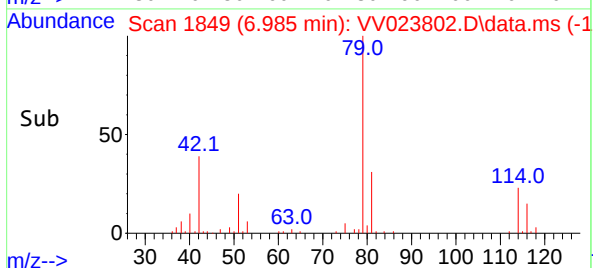
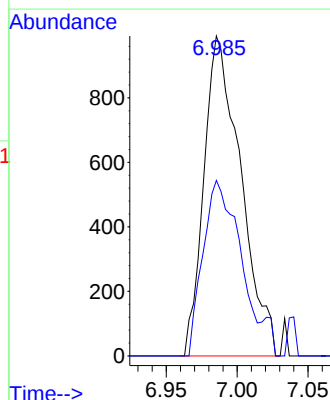
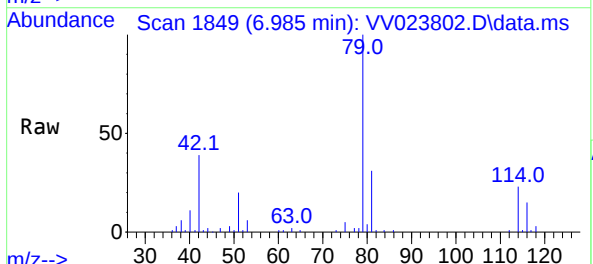
Instrument :
MSVOA_V
ClientSampleId :

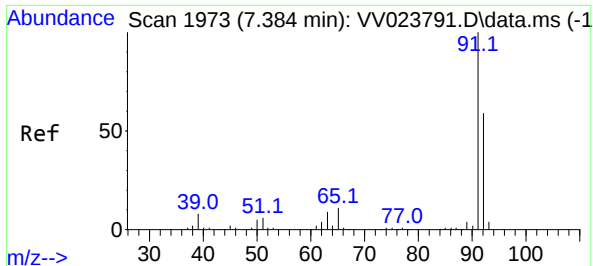
Tgt Ion: 63 Resp: 7450
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

Tgt Ion: 75 Resp: 1792
Ion Ratio Lower Upper
75 100
77 54.8 22.0 41.0#





#42

Toluene

Concen: 0.067 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023802.D

Acq: 06 Dec 2021 16:56

Instrument :

MSVOA_V

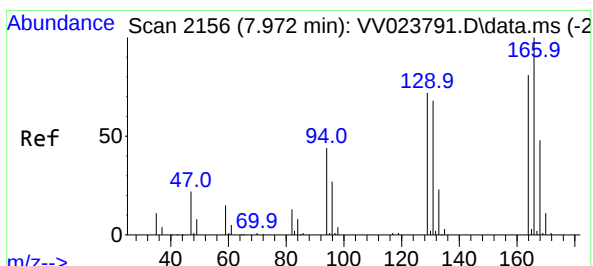
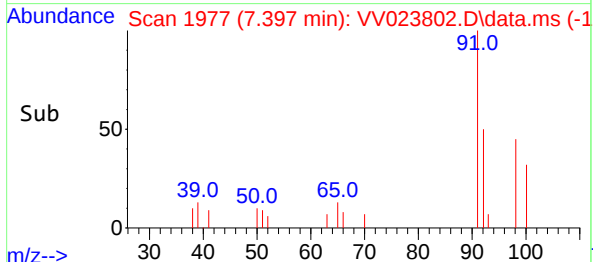
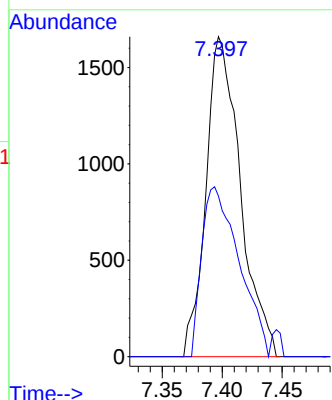
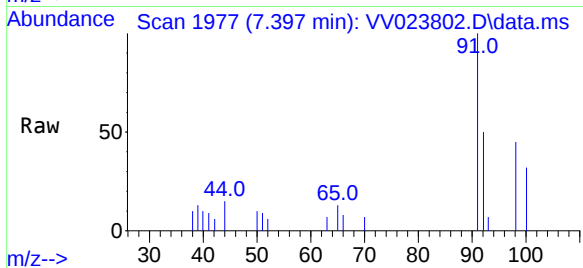
ClientSampleId :

Tgt Ion: 91 Resp: 3310

Ion Ratio Lower Upper

91 100

92 50.2 41.5 77.1



#47

Tetrachloroethene

Concen: 1.025 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023802.D

Acq: 06 Dec 2021 16:56

Tgt Ion: 164 Resp: 11398

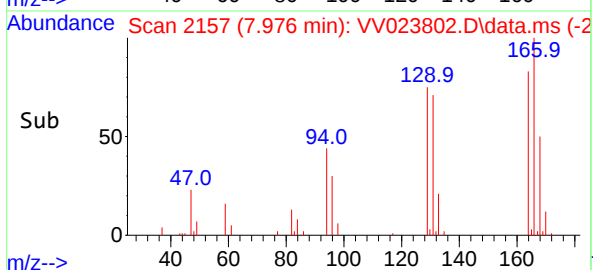
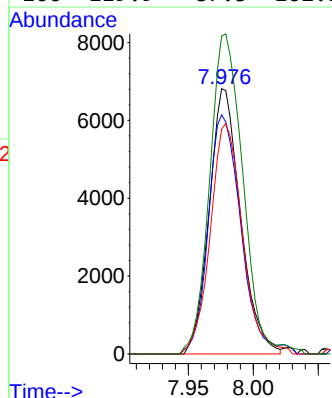
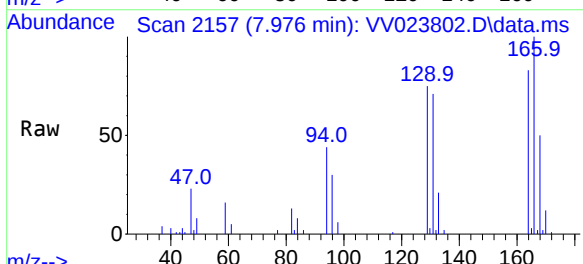
Ion Ratio Lower Upper

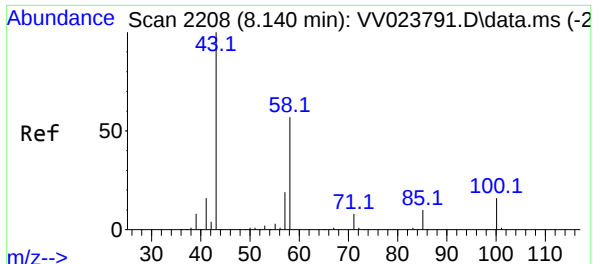
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129 90.1 62.6 116.2

131 84.7 61.0 113.4

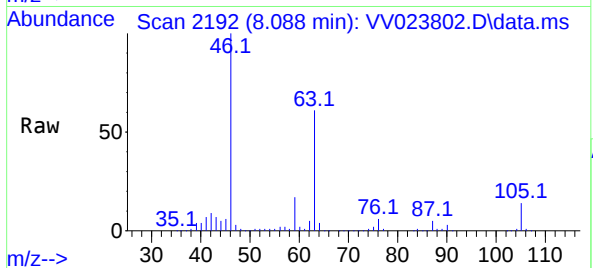
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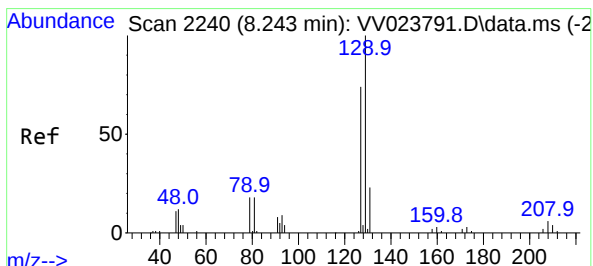
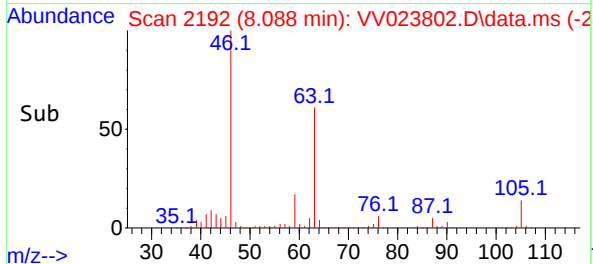
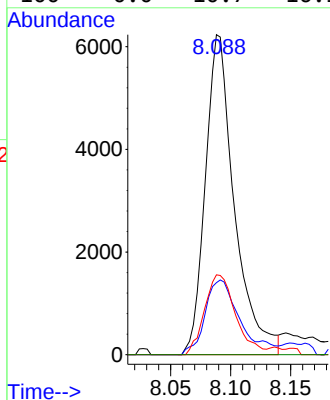


#48
2-Hexanone
Concen: 2.751 ug/L
RT: 8.088 min Scan# 2157
Delta R.T. -0.052 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

Instrument :
MSVOA_V
ClientSampleId :

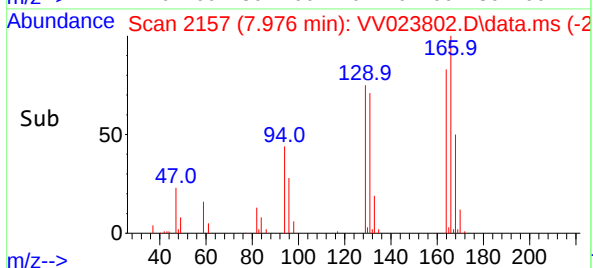
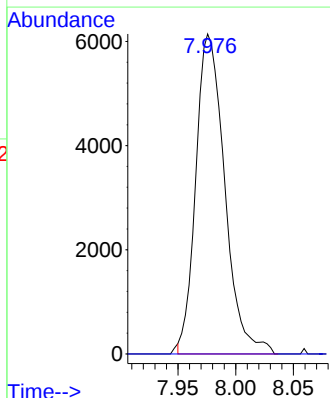
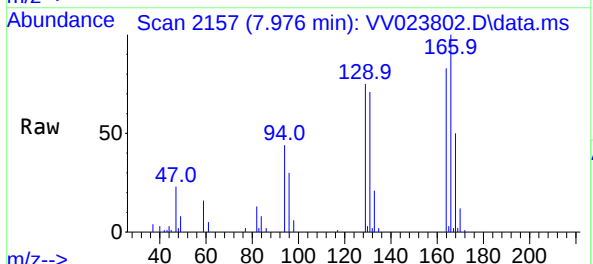


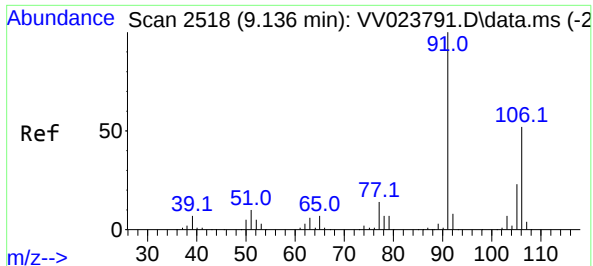
Tgt Ion: 43 Resp: 10524
Ion Ratio Lower Upper
43 100
58 28.0 44.5 66.7#
57 26.6 15.1 22.7#
100 0.0 10.7 16.1#



#49
Dibromochloromethane
Concen: 1.037 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

Tgt Ion: 129 Resp: 10668
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

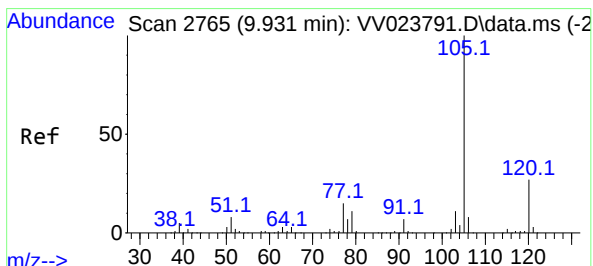
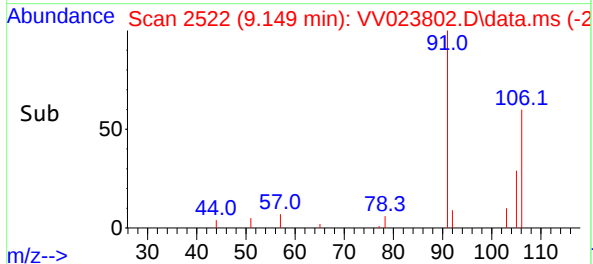
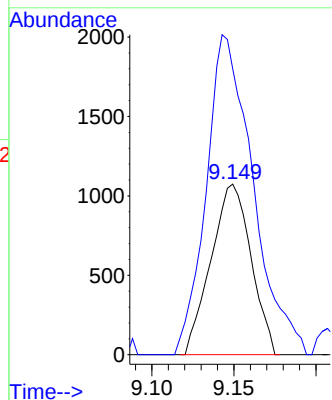
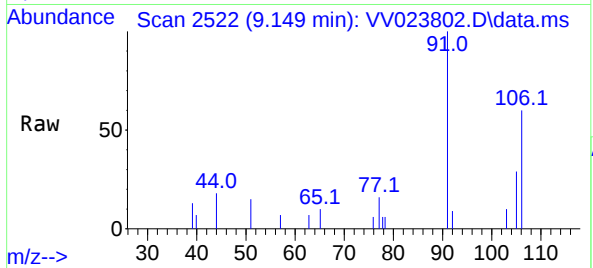




#53
 m,p-xylene
 Concen: 0.088 ug/L
 RT: 9.149 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV023802.D
 Acq: 06 Dec 2021 16:56

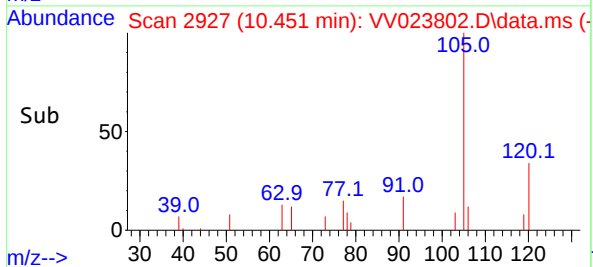
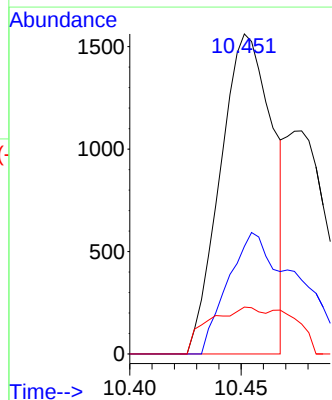
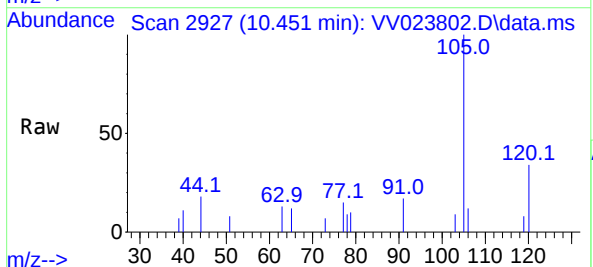
Instrument :
 MSVOA_V
 ClientSampleId :

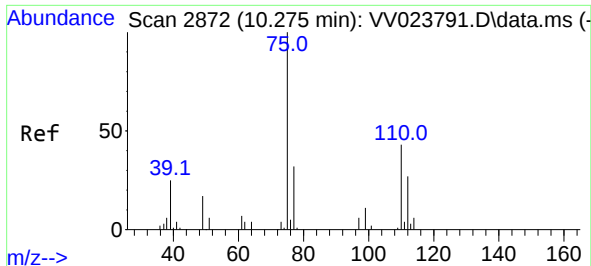
Tgt Ion:106 Resp: 1820
 Ion Ratio Lower Upper
 106 100
 91 167.7 139.5 259.1



#60
 Isopropylbenzene
 Concen: 0.054 ug/L
 RT: 10.451 min Scan# 2927
 Delta R.T. 0.521 min
 Lab File: VV023802.D
 Acq: 06 Dec 2021 16:56

Tgt Ion:105 Resp: 2540
 Ion Ratio Lower Upper
 105 100
 120 51.0 21.4 32.0#
 77 15.6 12.2 18.4

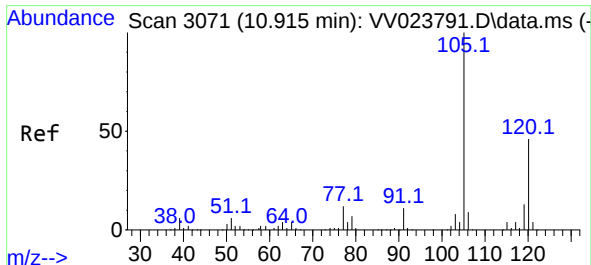
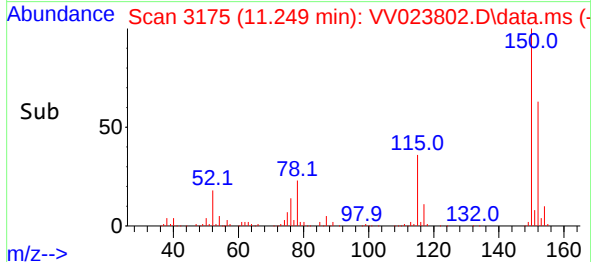
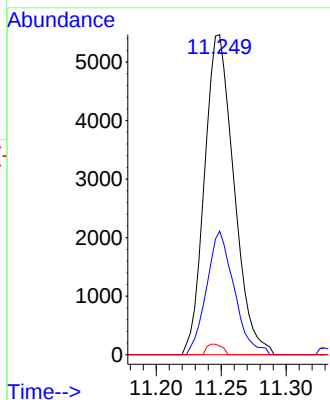
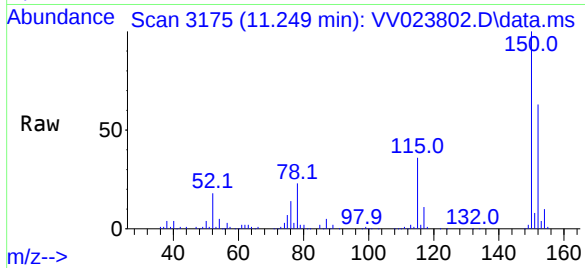




#61
1,2,3-Trichloropropane
Concen: 1.532 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

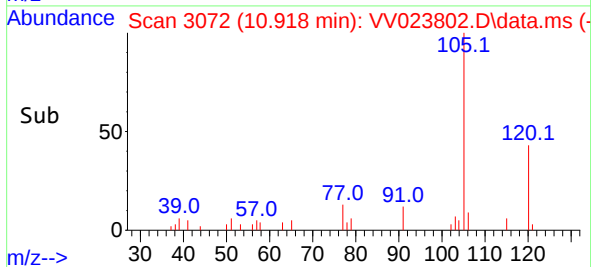
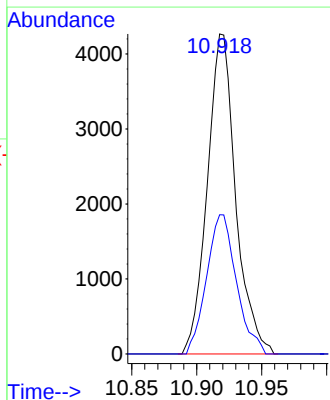
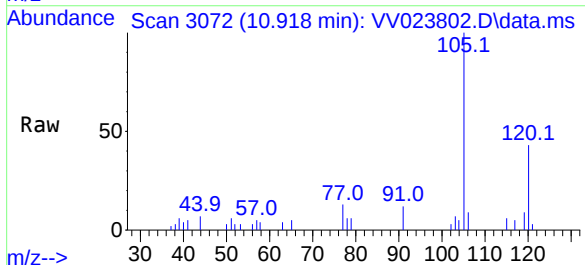
Instrument :
MSVOA_V
ClientSampleId :

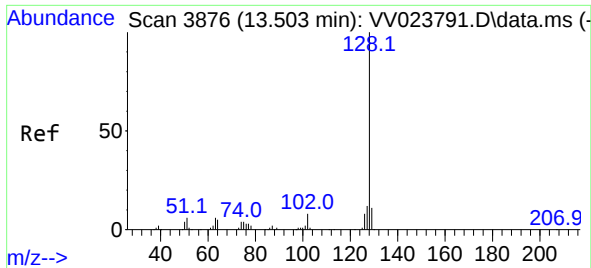
Tgt Ion: 75 Resp: 8613
Ion Ratio Lower Upper
75 100
77 36.2 26.4 39.6
110 1.7 34.2 51.2#



#63
1,2,4-Trimethylbenzene
Concen: 0.166 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

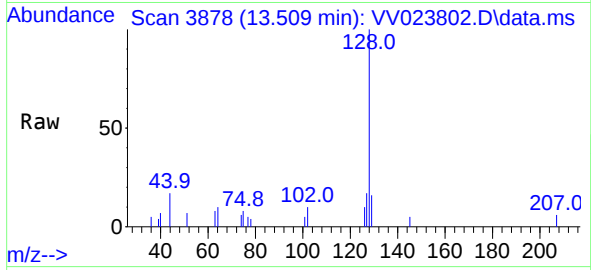
Tgt Ion: 105 Resp: 6479
Ion Ratio Lower Upper
105 100
120 45.7 36.7 55.1





#71
Naphthalene
Concen: 0.245 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV023802.D
Acq: 06 Dec 2021 16:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	4836
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	14.6	10.2	15.4

