

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082621\
 Data File : VW021960.D
 Acq On : 26 Aug 2021 16:28
 Operator : SY/MD
 Sample : M3526-17ME
 Misc : 5.27g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:48:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 27 03:46:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	422055	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	399671	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	226455	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	101986	30.910	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.820%
7) Chloroethane-d5	1.529	69	27051	10.864	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	21.720%#
11) 1,1-Dichloroethene-d2	2.076	63	129736	24.702	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.400%#
21) 2-Butanone-d5	3.892	46	148362	72.299	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.300%
24) Chloroform-d	4.343	84	215047	37.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.240%
26) 1,2-Dichloroethane-d4	5.027	65	143145	43.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
32) Benzene-d6	5.040	84	472844	41.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.280%
36) 1,2-Dichloropropane-d6	6.069	67	160227	44.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.540%
41) Toluene-d8	7.317	98	463474	43.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.260%
43) trans-1,3-Dichloroprop...	7.625	79	91565	51.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.960%
47) 2-Hexanone-d5	8.101	63	137538	117.249	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.250%
56) 1,1,2,2-Tetrachloroeth...	10.227	84	249699	56.299	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	11.628	152	214366	45.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.480%
Target Compounds						Qvalue
16) Methylene chloride	2.491	84	3684	1.062	ug/L	97
25) Chloroform	4.371	83	9948	1.774	ug/L	98
35) Methylcyclohexane	6.101	83	121328	23.530	ug/L #	61
40) 4-Methyl-2-pentanone	7.262	43	69008	16.109	ug/L #	47
44) trans-1,3-Dichloropropene	7.625	75	2699	0.581	ug/L #	1
45) 1,1,2-Trichloroethane	7.786	97	330707	106.005	ug/L #	19
48) 2-Hexanone	8.082	43	667858	201.263	ug/L #	22
52) Ethylbenzene	9.018	91	91945	6.561	ug/L	97
53) m,p-Xylene	9.146	106	6954	1.280	ug/L #	3
54) o-Xylene	9.548	106	35949	6.677	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	522015	120.196	ug/L #	35
60) Isopropylbenzene	10.741	105	1648108	108.555	ug/L	93
62) 1,3,5-Trimethylbenzene	10.918	105	35133	2.758	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	35153	2.714	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	11058	10.868	ug/L #	2
71) Naphthalene	13.500	128	63045	4.856	ug/L #	30

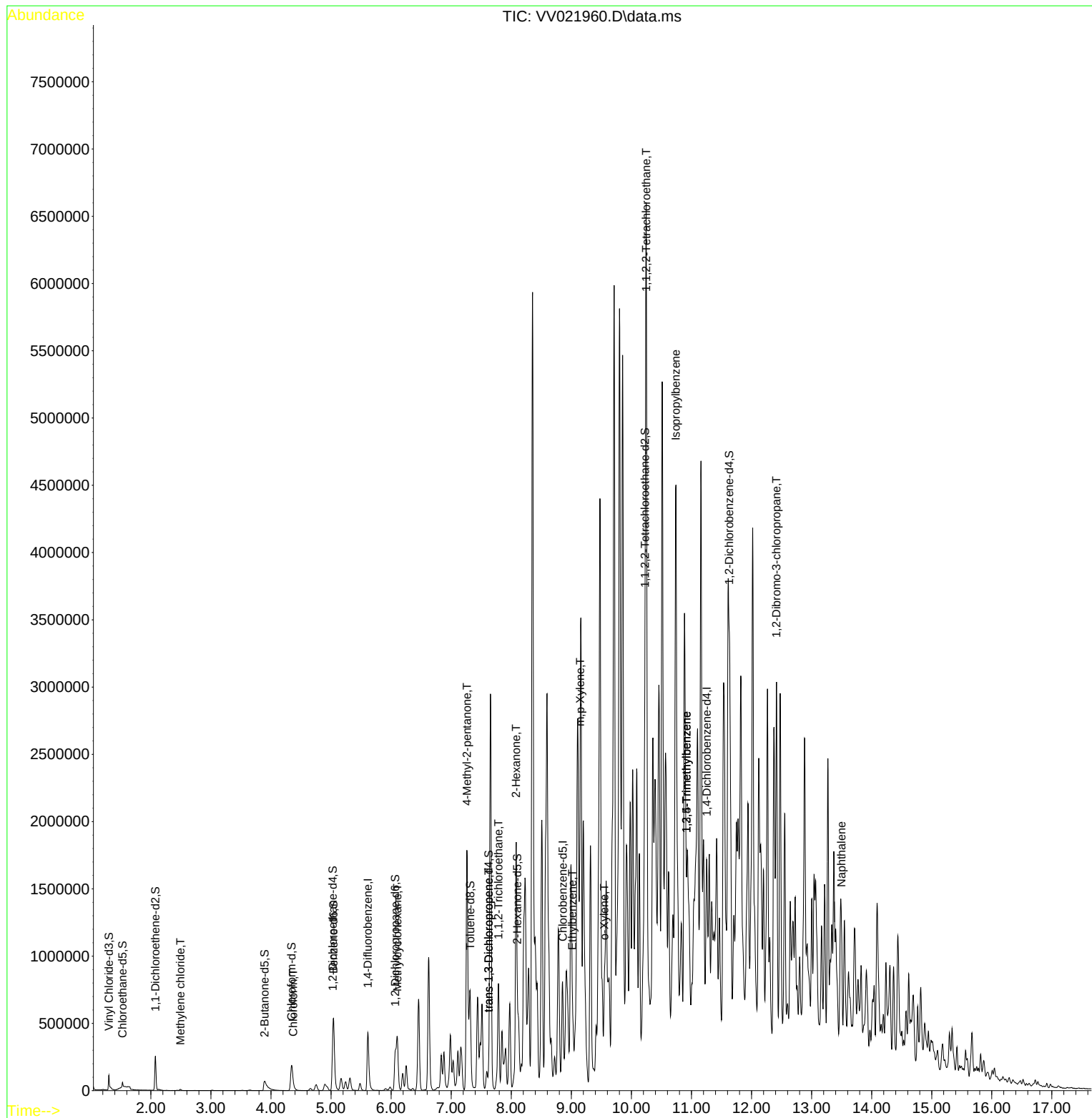
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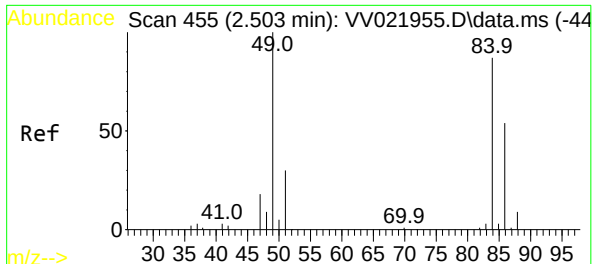
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082621\
Data File : VV021960.D
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Quant Time: Aug 27 03:48:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 27 03:46:52 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.062 ug/L

RT: 2.491 min Scan# 451

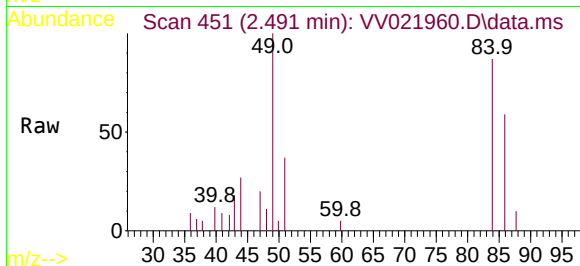
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Lab File: VV021960.D

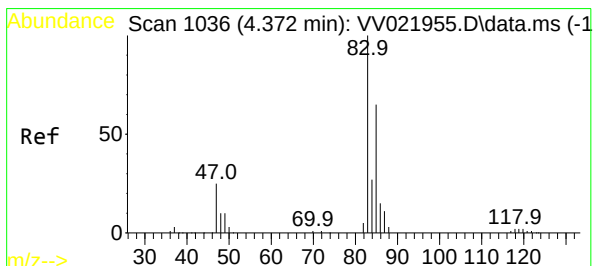
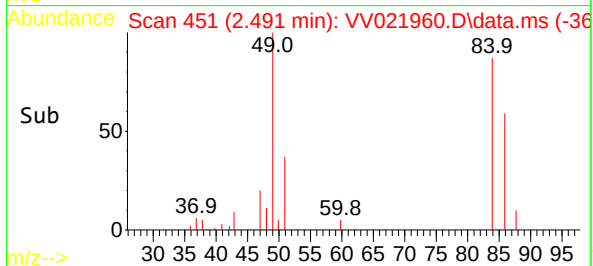
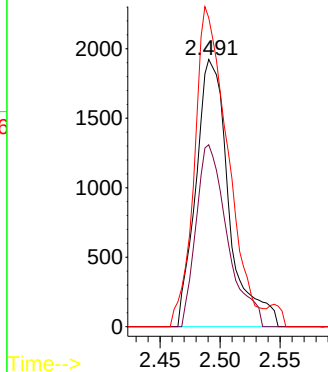
Acq: 26 Aug 2021 16:28

Tgt Ion: 84 Resp: 3684

Ion	Ratio	Lower	Upper
84	100		
86	68.1	44.7	83.1
49	115.6	82.5	153.3



Abundance



#25

Chloroform

Concen: 1.774 ug/L

RT: 4.371 min Scan# 1036

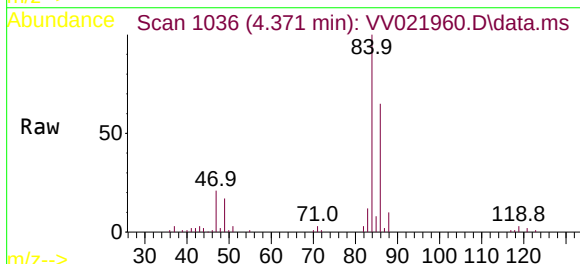
Delta R.T. -0.000 min

Lab File: VV021960.D

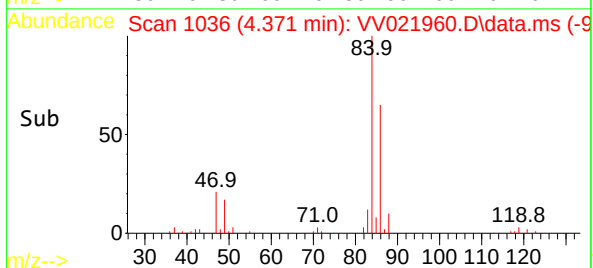
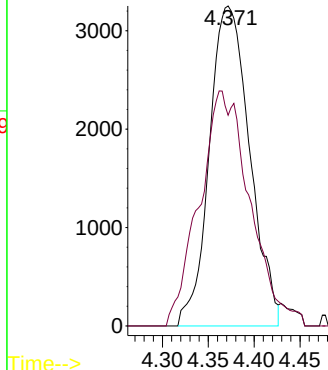
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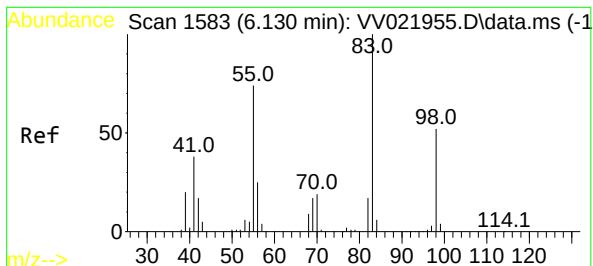
Tgt Ion: 83 Resp: 9948

Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.8	83.2



Abundance

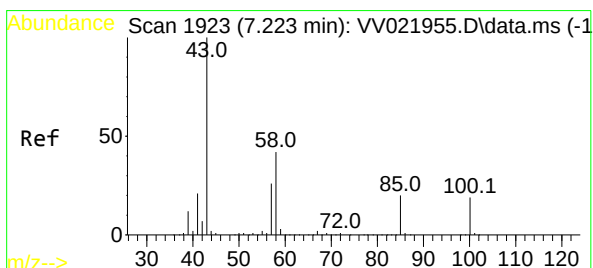
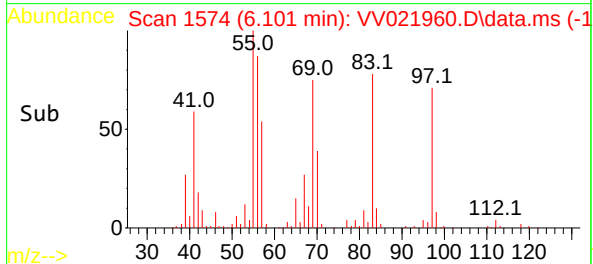
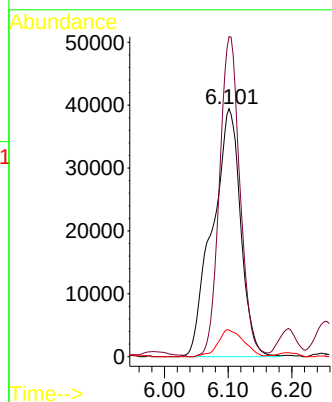
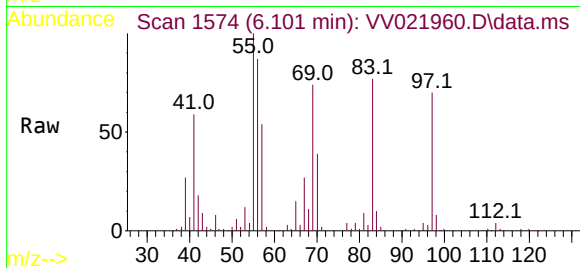




#35
Methylcyclohexane
Concen: 23.530 ug/L
RT: 6.101 min Scan# 1574
Delta R.T. -0.029 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

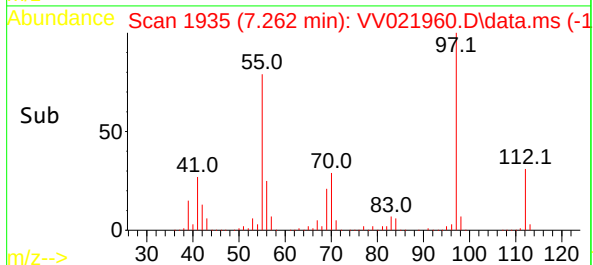
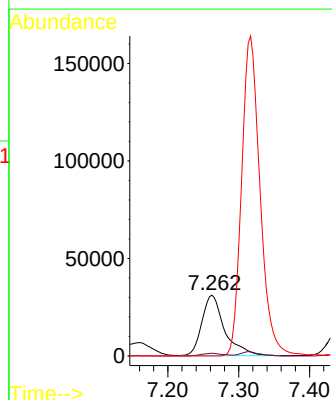
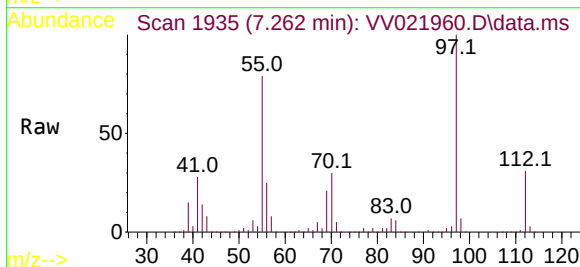
Instrument :
MSVOA_V
ClientSampleId :

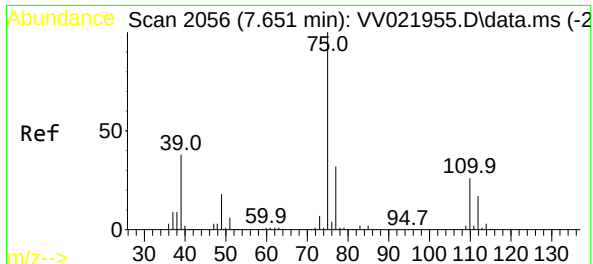
Tgt Ion: 83 Resp: 121328
Ion Ratio Lower Upper
83 100
55 94.1 57.9 86.9#
98 10.0 39.9 59.9#



#40
4-Methyl-2-pentanone
Concen: 16.109 ug/L
RT: 7.262 min Scan# 1935
Delta R.T. 0.039 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

Tgt Ion: 43 Resp: 69008
Ion Ratio Lower Upper
43 100
58 4.2 32.9 49.3#
100 0.0 14.0 21.0#

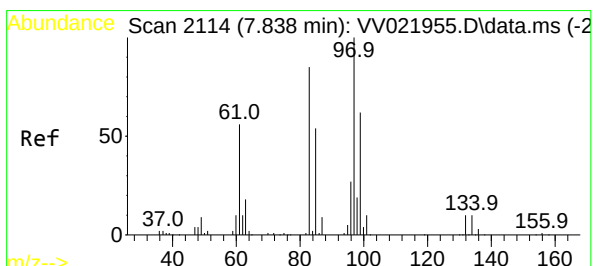
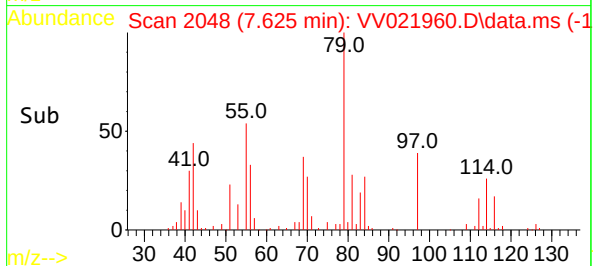
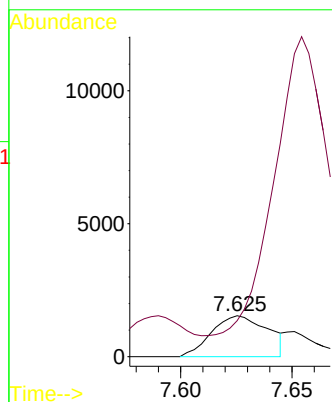
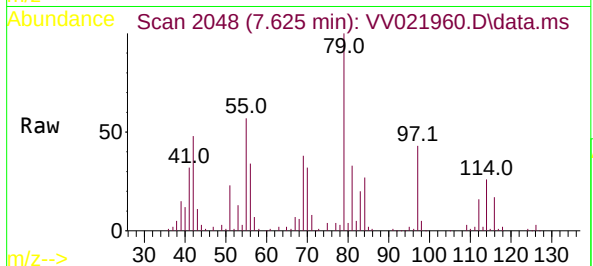




#44
trans-1,3-Dichloropropene
Concen: 0.581 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

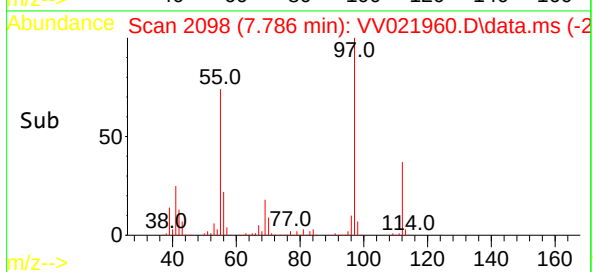
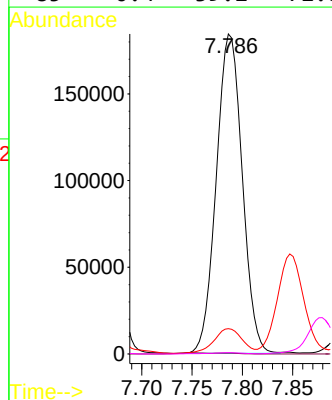
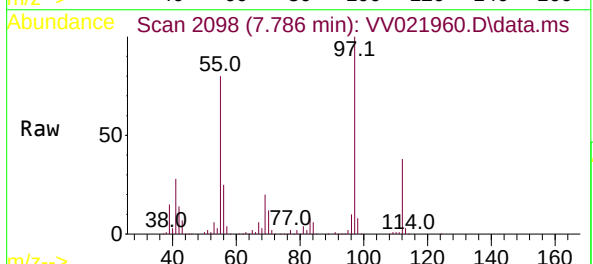
Instrument :
MSVOA_V
ClientSampled :

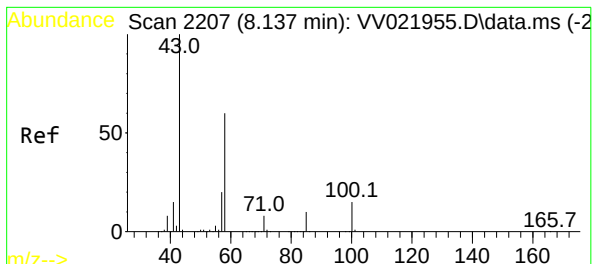
Tgt Ion: 75 Resp: 2699
Ion Ratio Lower Upper
75 100
77 87.9 22.2 41.2#



#45
1,1,2-Trichloroethane
Concen: 106.005 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. -0.051 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

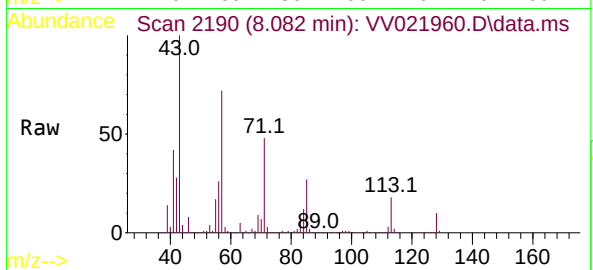
Tgt Ion: 97 Resp: 330707
Ion Ratio Lower Upper
97 100
99 0.3 44.2 82.0#
83 7.9 59.2 110.0#
85 0.4 39.2 72.8#





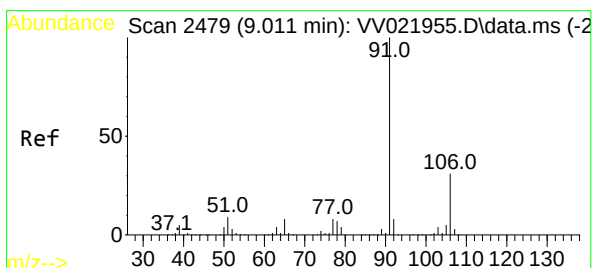
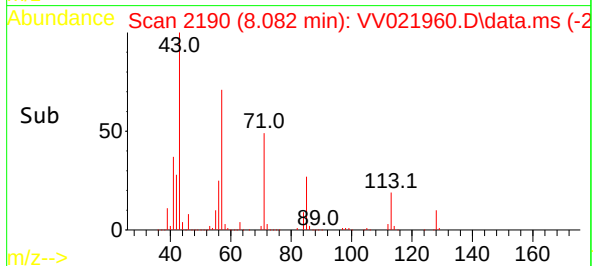
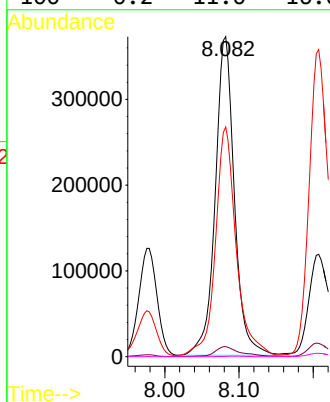
#48
2-Hexanone
Concen: 201.263 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.055 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 667858

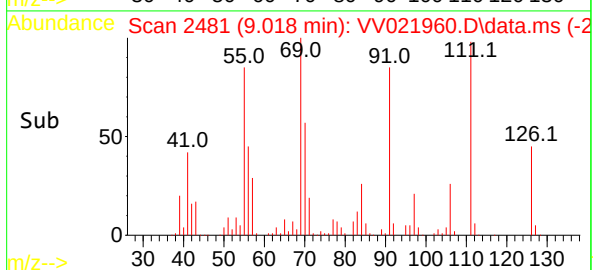
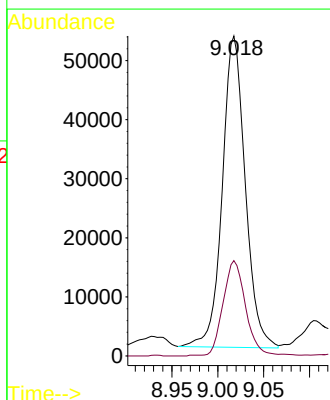
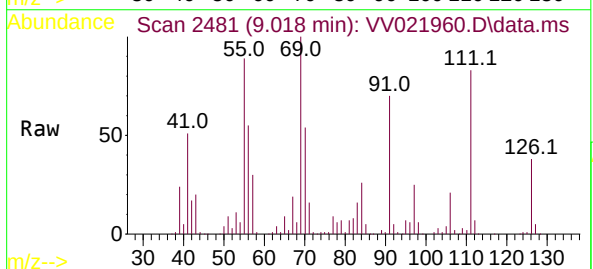
Ion	Ratio	Lower	Upper
43	100		
58	4.1	45.4	68.2#
57	76.8	15.3	22.9#
100	0.2	11.0	16.6#

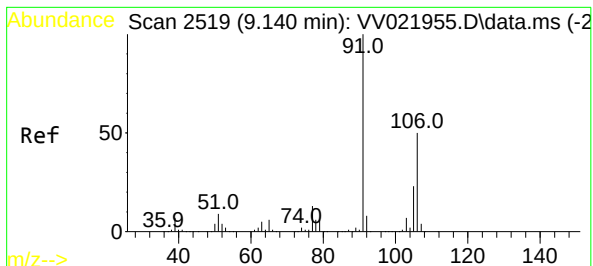


#52
Ethylbenzene
Concen: 6.561 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

Tgt Ion: 91 Resp: 91945

Ion	Ratio	Lower	Upper
91	100		
106	29.8	22.2	41.2

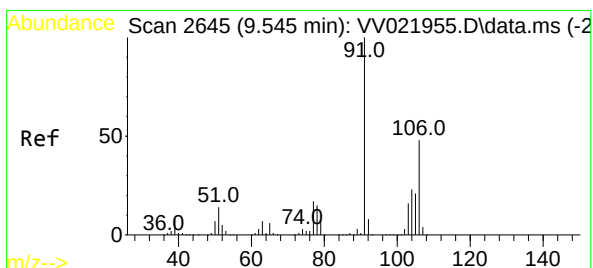
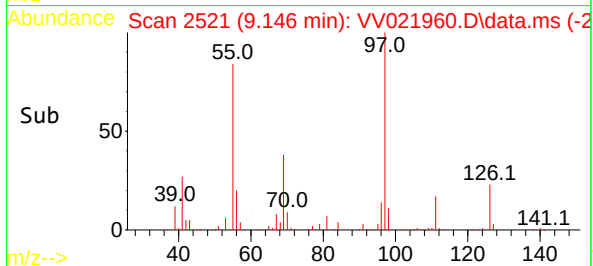
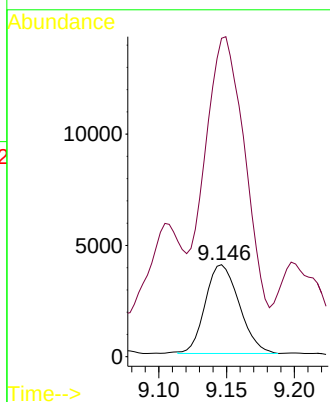
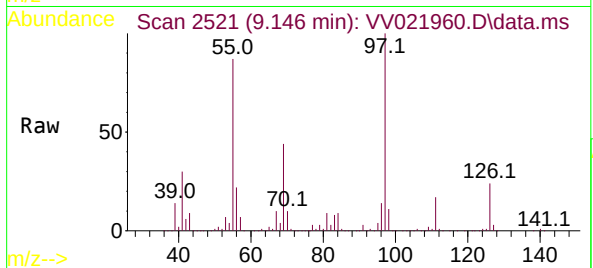




#53
m,p-Xylene
Concen: 1.280 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

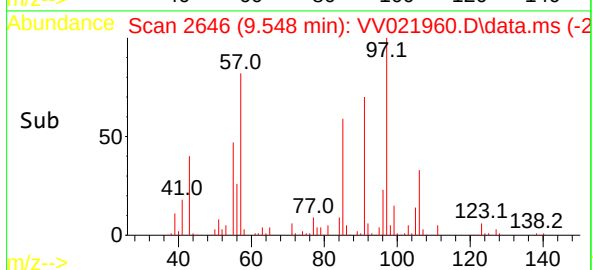
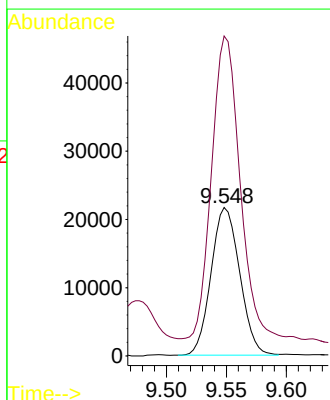
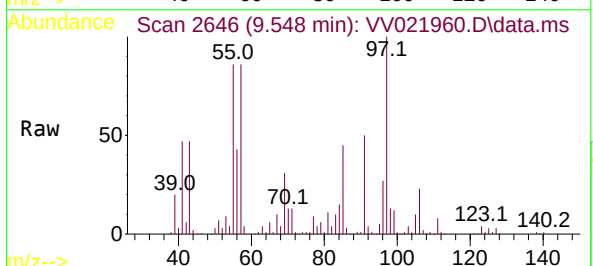
Instrument :
MSVOA_V
ClientSampled :

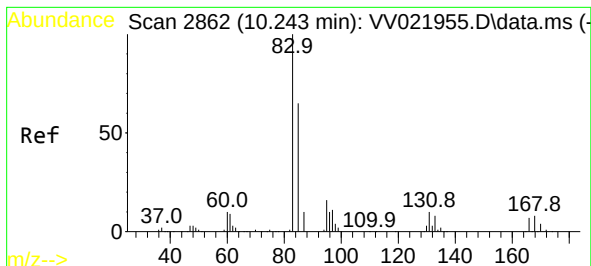
Tgt Ion:106 Resp: 6954
Ion Ratio Lower Upper
106 100
91 345.8 139.2 258.6#



#54
o-Xylene
Concen: 6.677 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

Tgt Ion:106 Resp: 35949
Ion Ratio Lower Upper
106 100
91 215.4 148.1 275.0

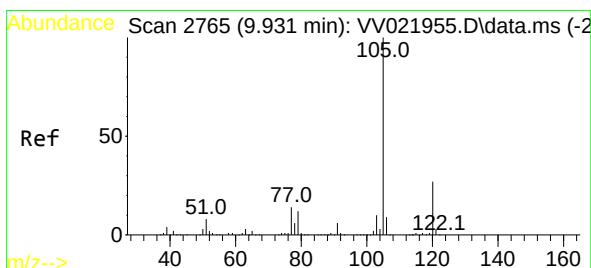
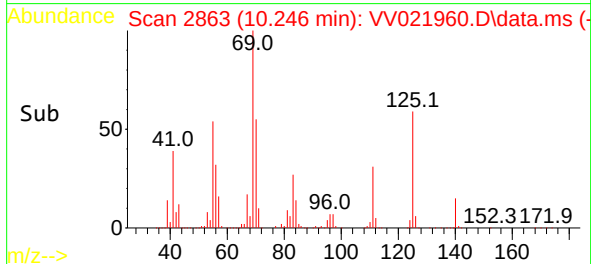
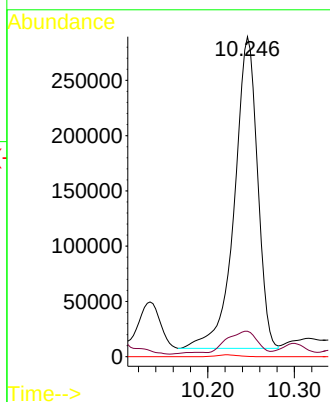
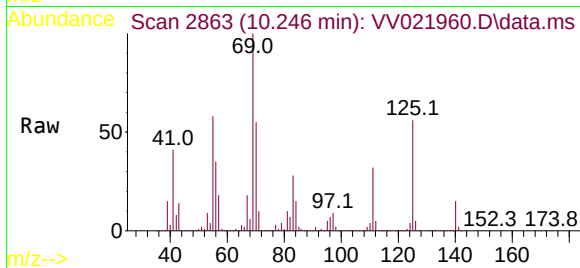




#57
1,1,2,2-Tetrachloroethane
Concen: 120.196 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

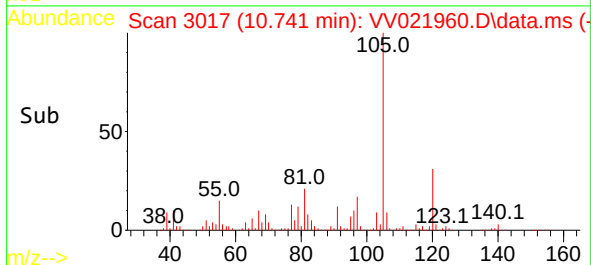
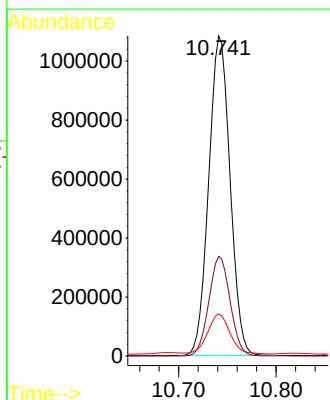
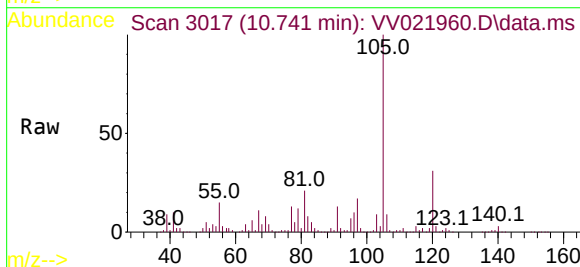
Instrument :
MSVOA_V
ClientSampleId :

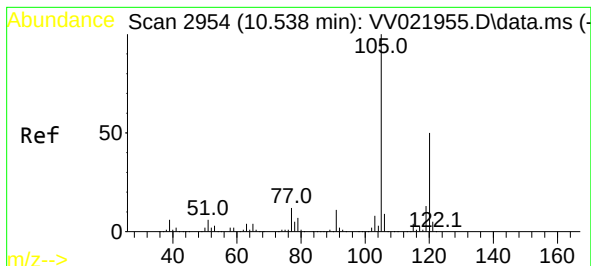
Tgt Ion: 83 Resp: 522015
Ion Ratio Lower Upper
83 100
85 8.0 44.4 82.5#
131 0.1 7.9 11.9#



#60
Isopropylbenzene
Concen: 108.555 ug/L
RT: 10.741 min Scan# 3017
Delta R.T. 0.810 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

Tgt Ion:105 Resp: 1648108
Ion Ratio Lower Upper
105 100
120 31.0 21.3 31.9
77 13.0 11.8 17.8

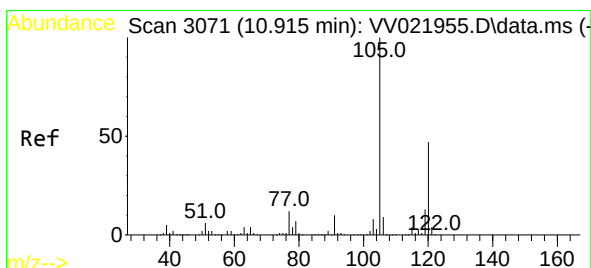
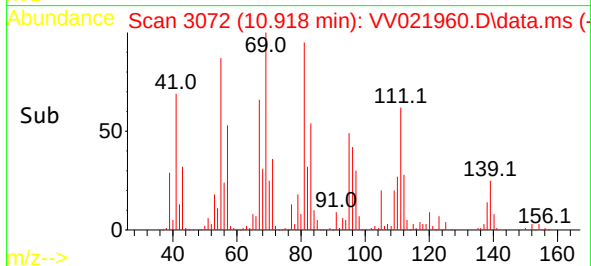
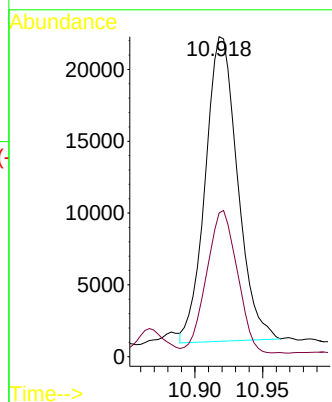
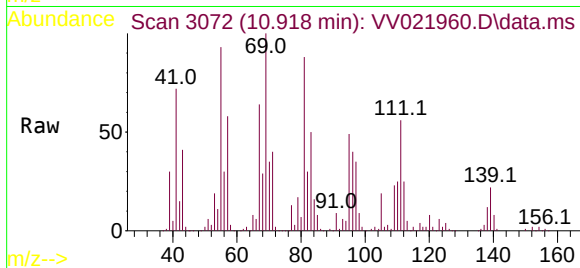




#62
1,3,5-Trimethylbenzene
Concen: 2.758 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.379 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

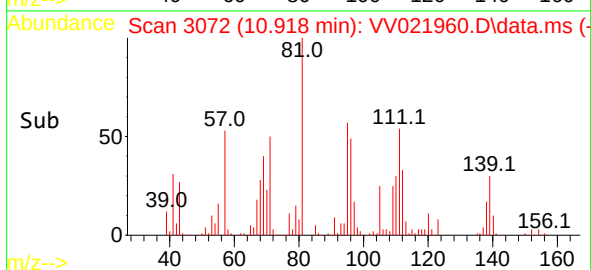
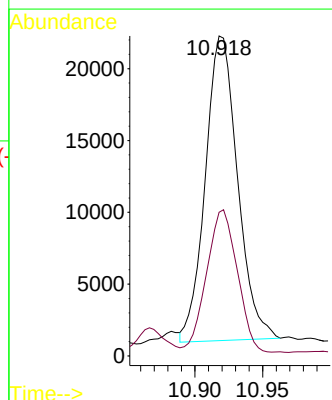
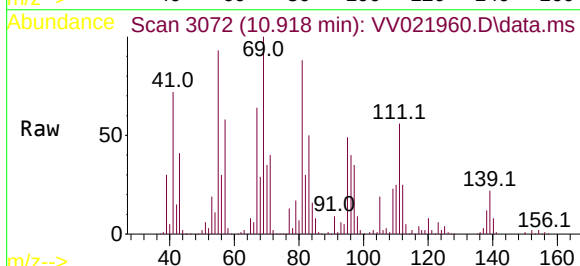
Instrument :
MSVOA_V
ClientSampled :

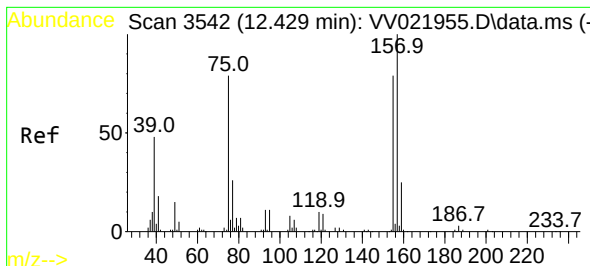
Tgt Ion:105 Resp: 35133
Ion Ratio Lower Upper
105 100
120 45.5 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 2.714 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

Tgt Ion:105 Resp: 35153
Ion Ratio Lower Upper
105 100
120 45.5 37.3 55.9

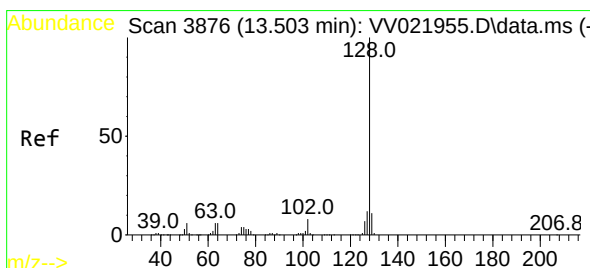
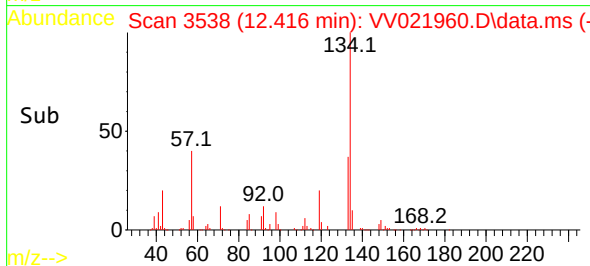
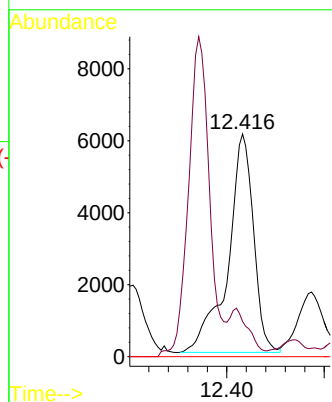
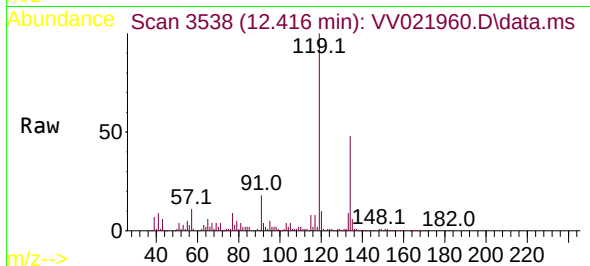




#68
1,2-Dibromo-3-chloropropane
Concen: 10.868 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.013 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 11058
Ion Ratio Lower Upper
75 100
155 15.8 77.8 116.8#
157 0.0 99.4 149.0#



#71
Naphthalene
Concen: 4.856 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV021960.D
Acq: 26 Aug 2021 16:28

Tgt Ion:128 Resp: 63045
Ion Ratio Lower Upper
128 100
127 22.9 10.0 15.0#
129 56.6 8.5 12.7#

