

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029191.D
 Acq On : 19 Nov 2022 23:42
 Operator : SY/MD
 Sample : N5648-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D7DL

Quant Time: Nov 20 04:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	320883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	289372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	137587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92926	4.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.564	69	77911	4.530	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.105	63	121632	3.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.905	46	112149	34.247	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.500%
24) Chloroform-d	4.343	84	170428	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.027	65	76147	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.043	84	359360	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.066	67	105851	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.310	98	314113	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.622	79	30011	3.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.088	63	142786	42.525	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.040%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73475	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	113070	4.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	1298	0.058	ug/L	96
5) Vinyl chloride	1.310	62	25003	0.987	ug/L	89
6) Bromomethane	1.526	94	626	0.041	ug/L	78
8) Chloroethane	1.307	64	8757	0.588	ug/L	89
16) Methylene chloride	2.503	84	8913	0.355	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	28866	0.693	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	18778	0.833	ug/L	96
19) 1,1-Dichloroethane	3.191	63	5137	0.139	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	256695	11.207	ug/L	99
25) Chloroform	4.365	83	2721	0.070	ug/L	85
34) Trichloroethene	5.912	95	82632	3.650	ug/L	96
35) Methylcyclohexane	6.066	83	25511	0.641	ug/L #	22
39) cis-1,3-Dichloropropene	6.989	75	2117	0.074	ug/L #	66
47) Tetrachloroethene	7.973	164	1507	0.083	ug/L	87
49) Dibromochloromethane	7.969	129	1326	0.082	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	15016	1.597	ug/L #	65

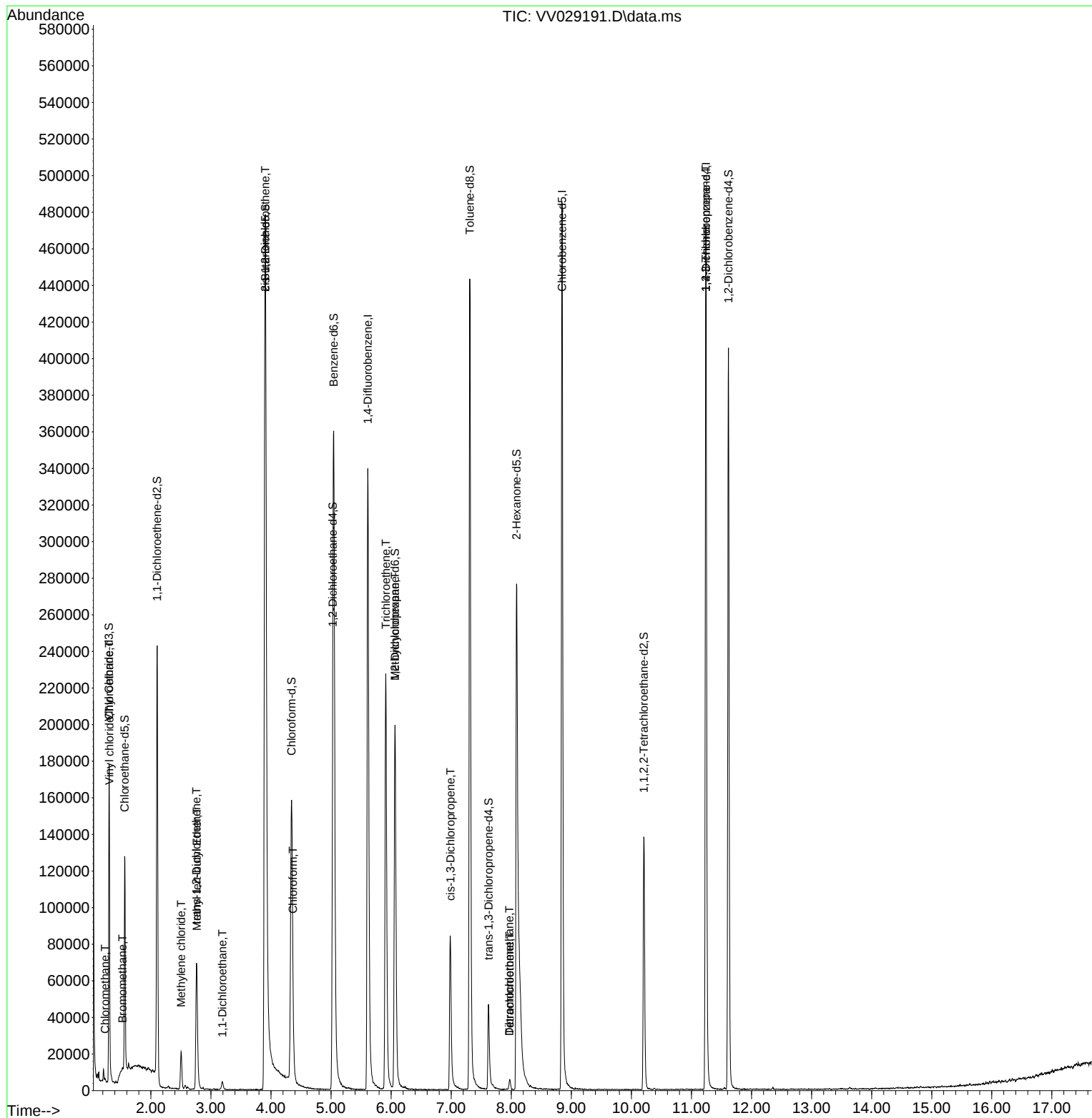
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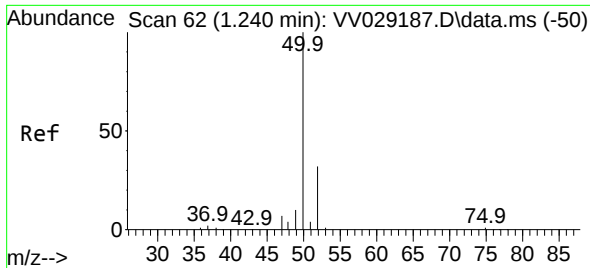
Instrument :
MSVOA_V
ClientSampleId :
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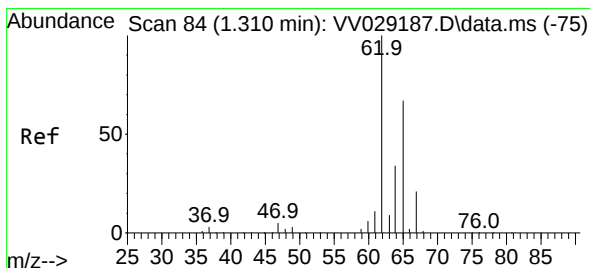
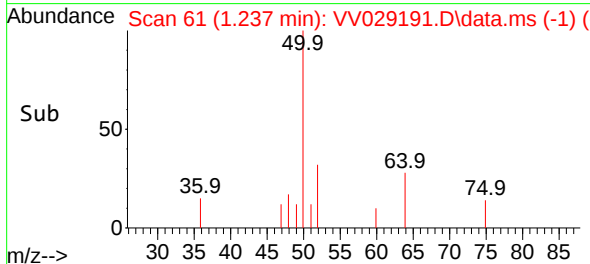
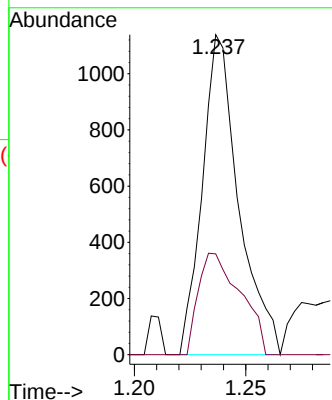
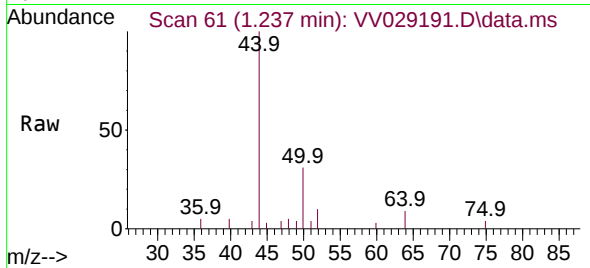




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029191.D
Acq: 19 Nov 2022 23:42

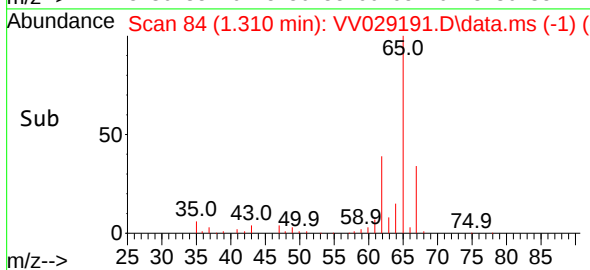
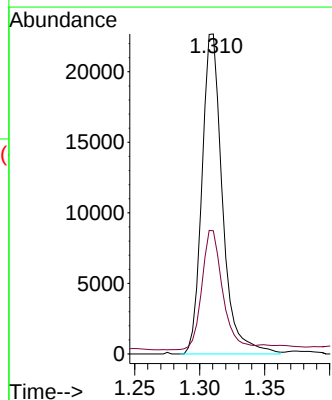
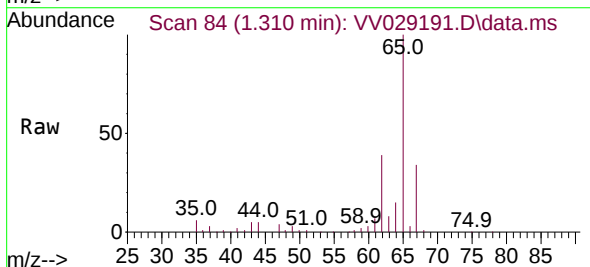
Instrument :
MSVOA_V
ClientSampleId :
H46D7DL

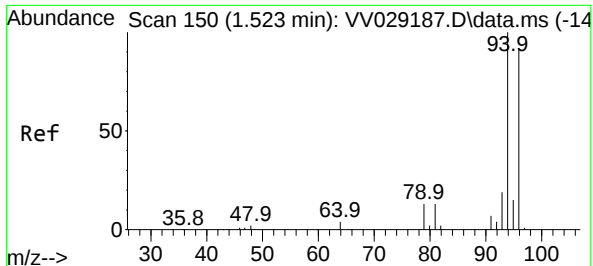
Tgt Ion: 50 Resp: 1298
Ion Ratio Lower Upper
50 100
52 31.5 23.7 43.9



#5
Vinyl chloride
Concen: 0.987 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029191.D
Acq: 19 Nov 2022 23:42

Tgt Ion: 62 Resp: 25003
Ion Ratio Lower Upper
62 100
64 38.5 22.8 42.4

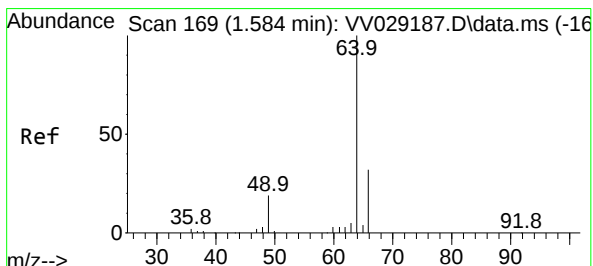
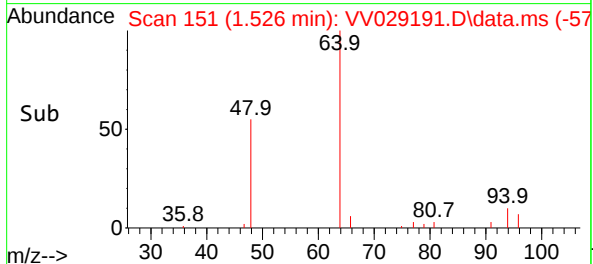
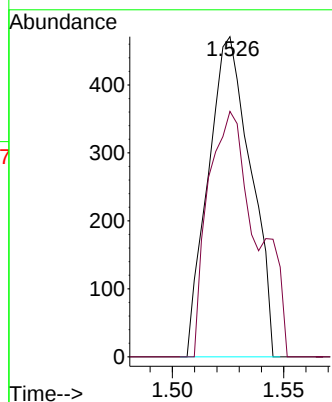
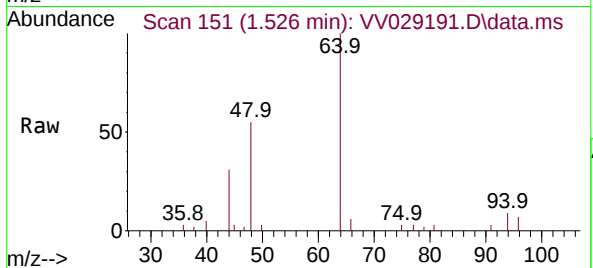




#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029191.D
Acq: 19 Nov 2022 23:42

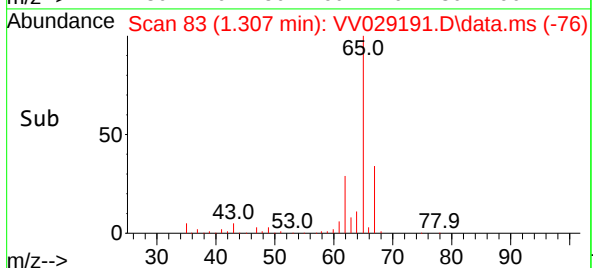
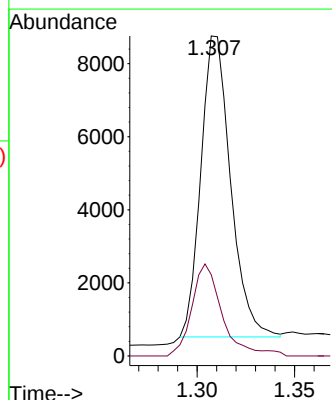
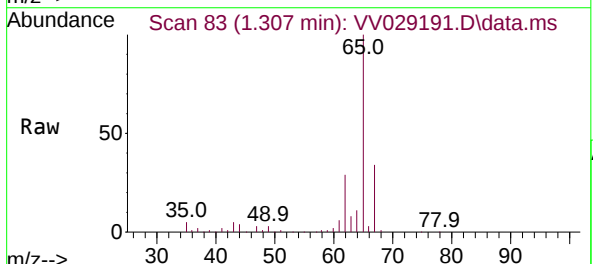
Instrument :
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ClientSampleId :
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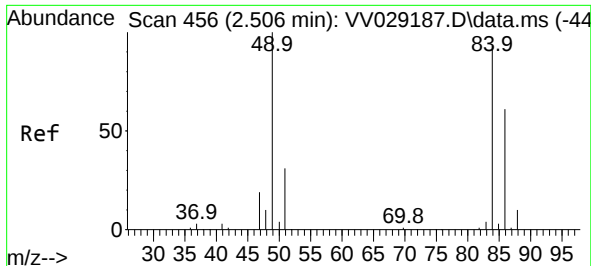
Tgt Ion: 94 Resp: 626
Ion Ratio Lower Upper
94 100
96 76.6 68.5 127.3



#8
Chloroethane
Concen: 0.588 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.276 min
Lab File: VV029191.D
Acq: 19 Nov 2022 23:42

Tgt Ion: 64 Resp: 8757
Ion Ratio Lower Upper
64 100
66 25.4 22.0 40.8

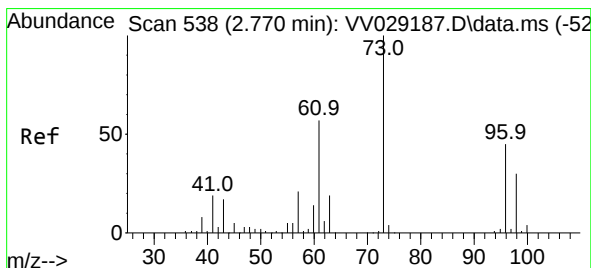
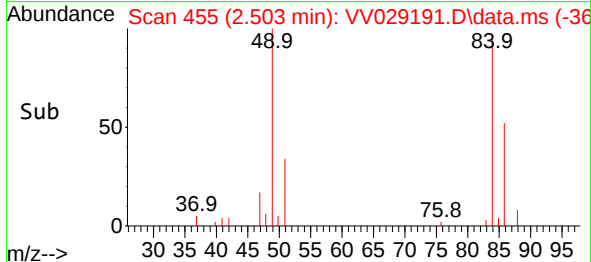
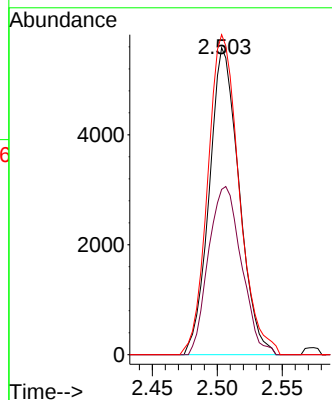
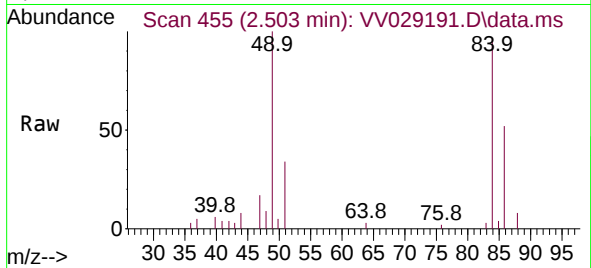




#16
Methylene chloride
Concen: 0.355 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029191.D
Acq: 19 Nov 2022 23:42

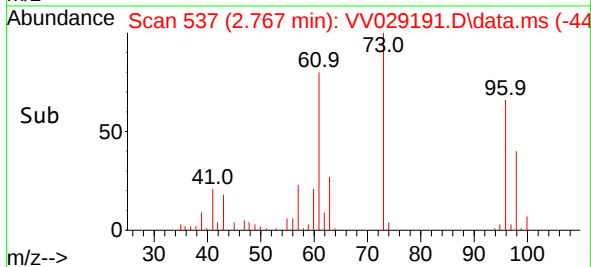
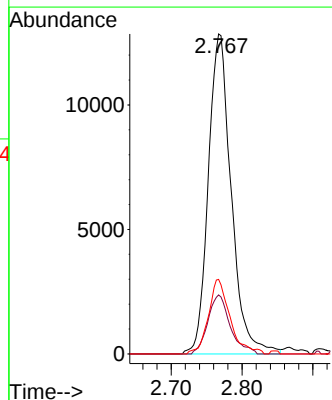
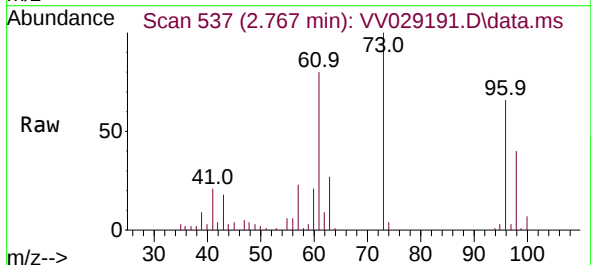
Instrument :
MSVOA_V
ClientSampleId :
H46D7DL

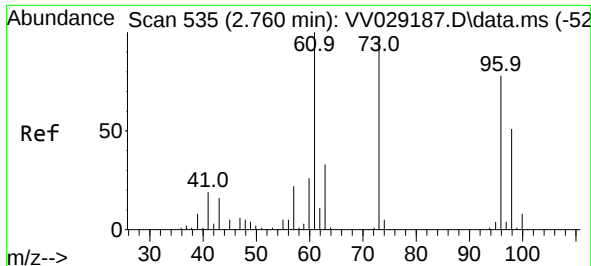
Tgt Ion: 84 Resp: 8913
Ion Ratio Lower Upper
84 100
86 53.9 45.8 85.0
49 109.4 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 0.693 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV029191.D
Acq: 19 Nov 2022 23:42

Tgt Ion: 73 Resp: 28866
Ion Ratio Lower Upper
73 100
43 18.0 13.0 19.4
57 21.9 16.6 24.8



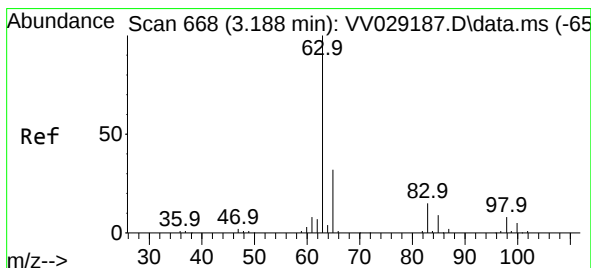
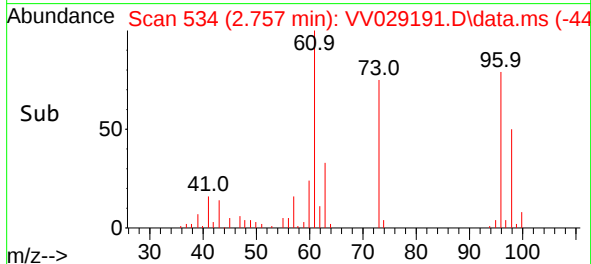
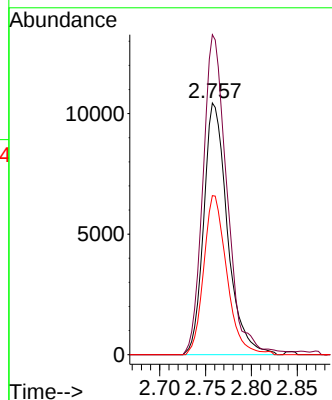
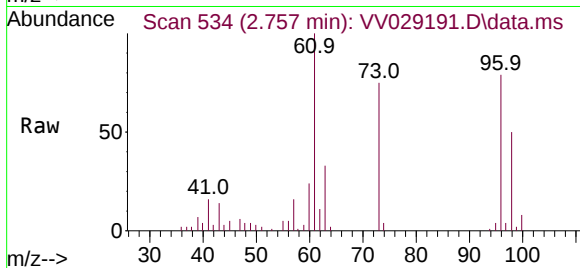


#18
 trans-1,2-Dichloroethene
 Concen: 0.833 ug/L
 RT: 2.757 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VV029191.D
 Acq: 19 Nov 2022 23:42

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D7DL

Tgt Ion: 96 Resp: 18778

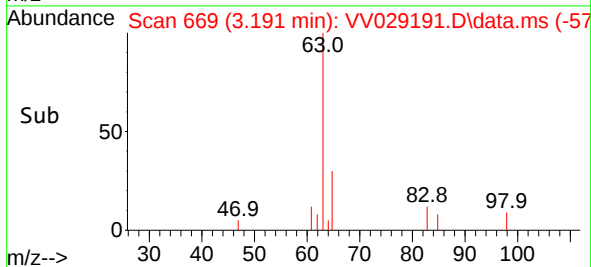
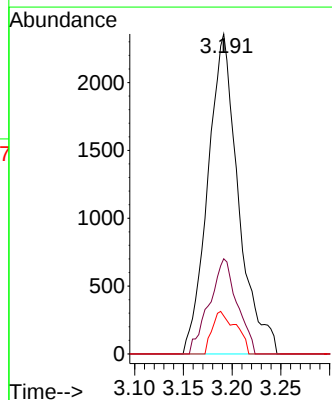
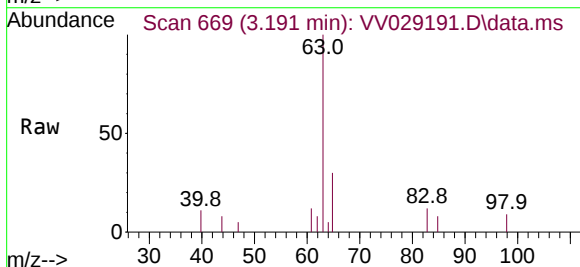
Ion	Ratio	Lower	Upper
96	100		
61	127.1	91.8	170.6
98	63.2	46.4	86.2

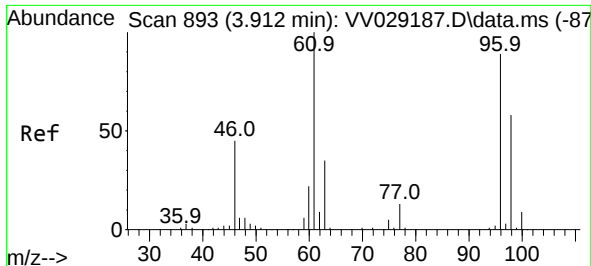


#19
 1,1-Dichloroethane
 Concen: 0.139 ug/L
 RT: 3.191 min Scan# 669
 Delta R.T. 0.003 min
 Lab File: VV029191.D
 Acq: 19 Nov 2022 23:42

Tgt Ion: 63 Resp: 5137

Ion	Ratio	Lower	Upper
63	100		
65	29.7	23.0	42.6
83	11.9	9.4	17.6

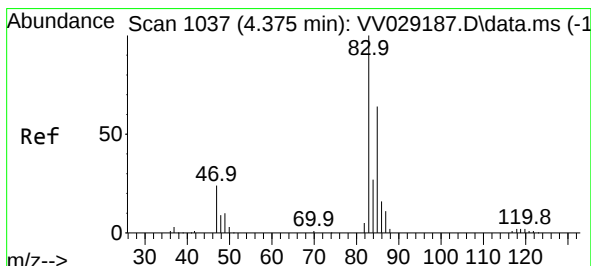
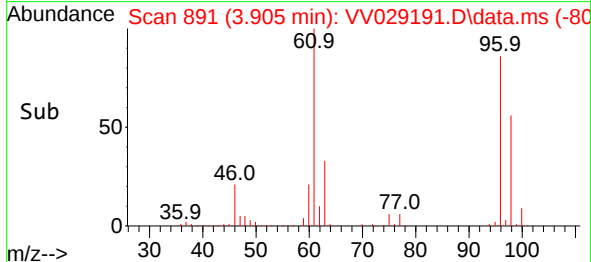
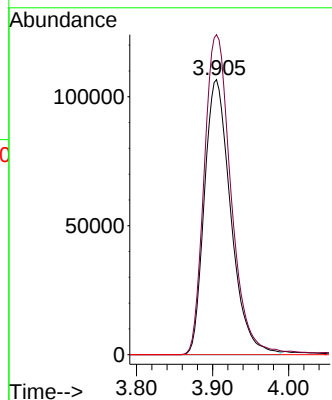
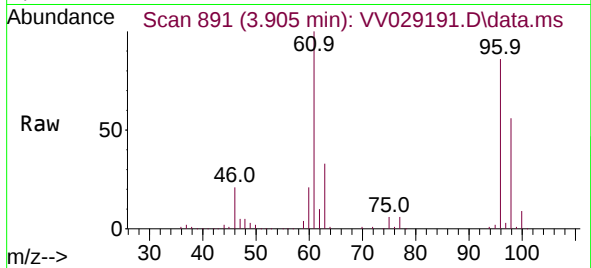




#22
 cis-1,2-Dichloroethene
 Concen: 11.207 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: VV029191.D
 Acq: 19 Nov 2022 23:42

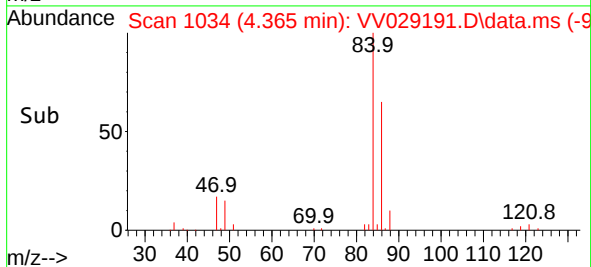
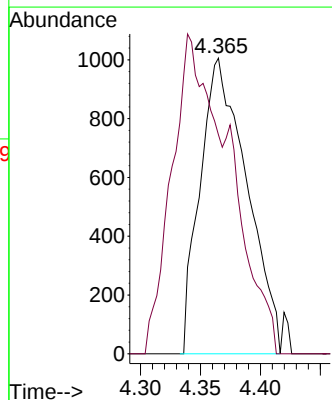
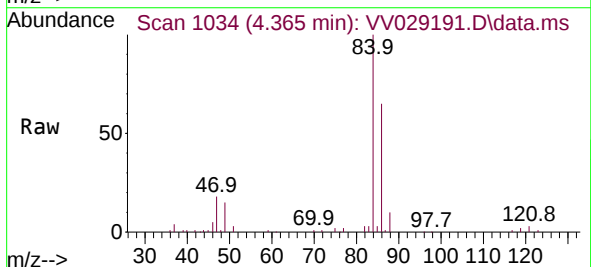
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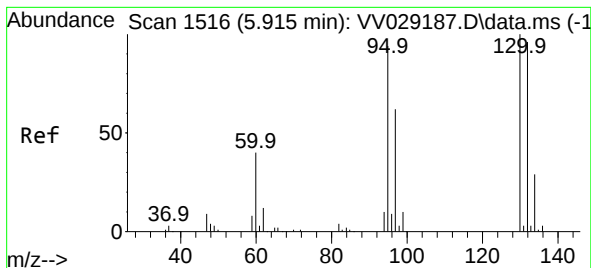
Tgt Ion: 96 Resp: 256695
 Ion Ratio Lower Upper
 96 100
 61 116.3 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.070 ug/L
 RT: 4.365 min Scan# 1034
 Delta R.T. -0.010 min
 Lab File: VV029191.D
 Acq: 19 Nov 2022 23:42

Tgt Ion: 83 Resp: 2721
 Ion Ratio Lower Upper
 83 100
 85 74.1 43.7 81.1





#34

Trichloroethene

Concen: 3.650 ug/L

RT: 5.912 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV029191.D

Acq: 19 Nov 2022 23:42

Instrument :

MSVOA_V

ClientSampleId :

H46D7DL

Tgt Ion: 95 Resp: 82632

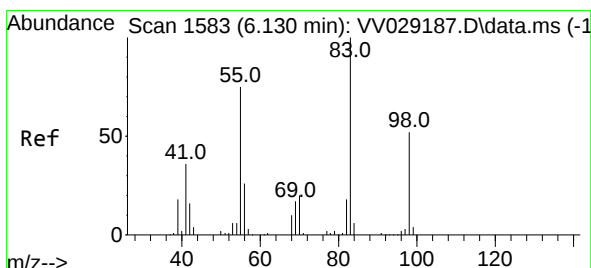
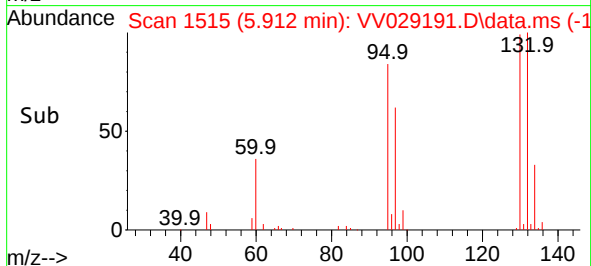
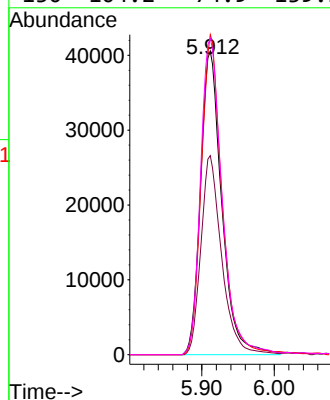
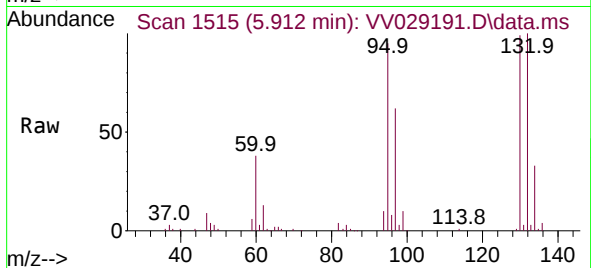
Ion Ratio Lower Upper

95 100

97 65.6 45.6 84.8

132 105.4 69.1 128.3

130 104.2 74.9 139.1



#35

Methylcyclohexane

Concen: 0.641 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029191.D

Acq: 19 Nov 2022 23:42

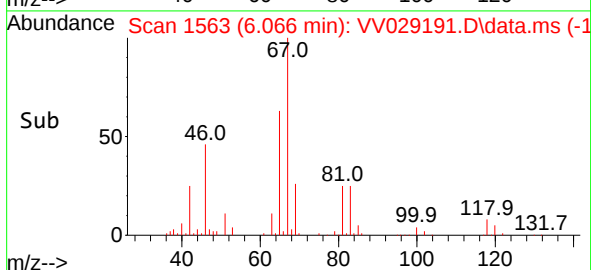
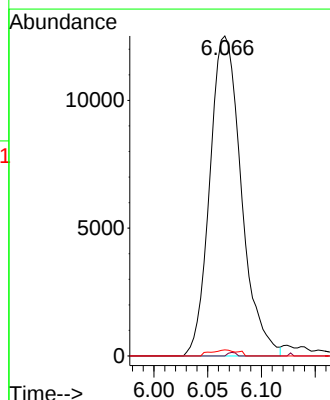
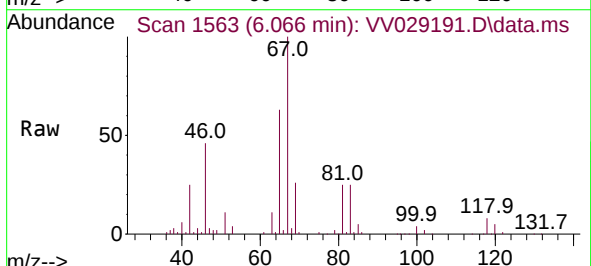
Tgt Ion: 83 Resp: 25511

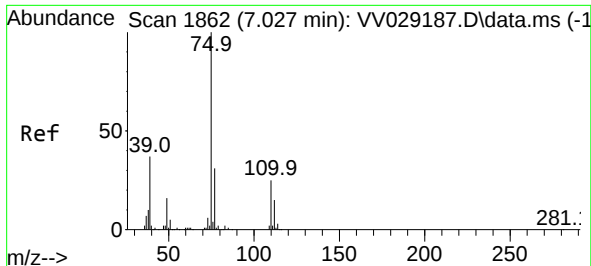
Ion Ratio Lower Upper

83 100

55 0.3 55.8 83.6#

98 1.6 38.2 57.2#





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV029191.D

Acq: 19 Nov 2022 23:42

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MSVOA_V

ClientSampleId :

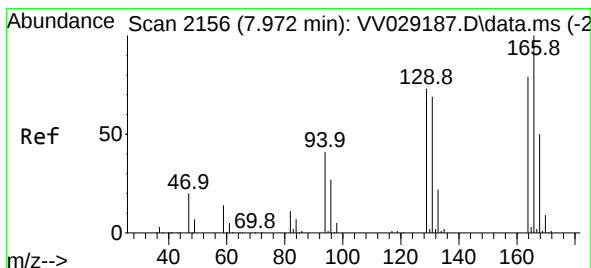
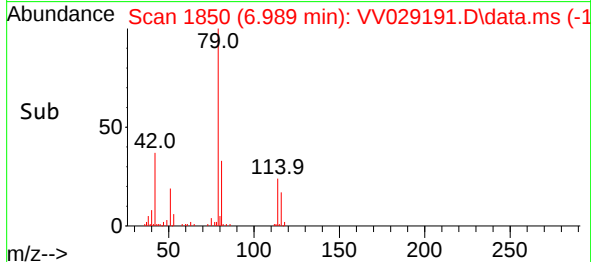
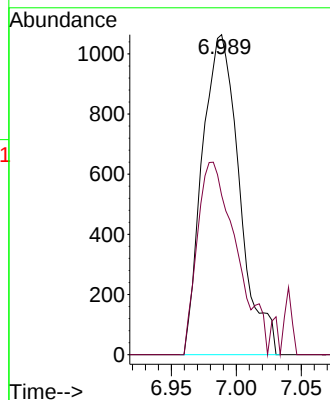
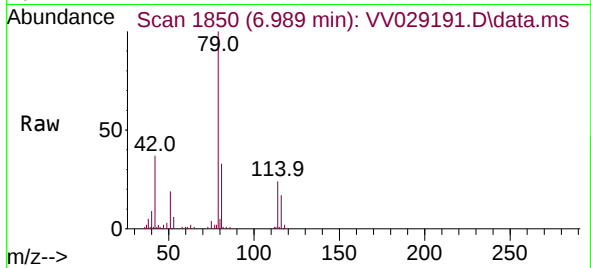
H46D7DL

Tgt Ion: 75 Resp: 2117

Ion Ratio Lower Upper

75 100

77 49.8 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.083 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV029191.D

Acq: 19 Nov 2022 23:42

Tgt Ion: 164 Resp: 1507

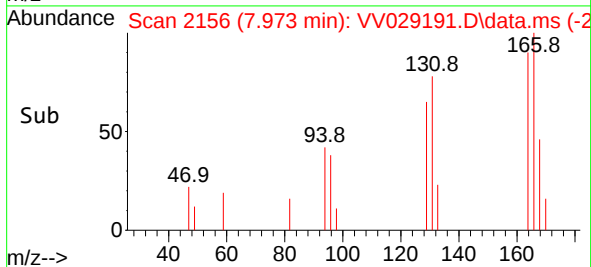
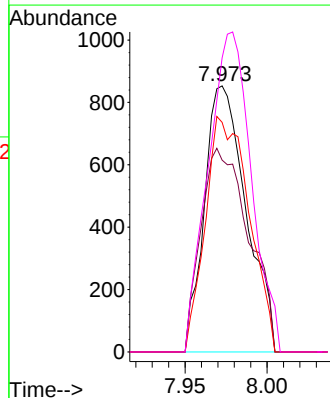
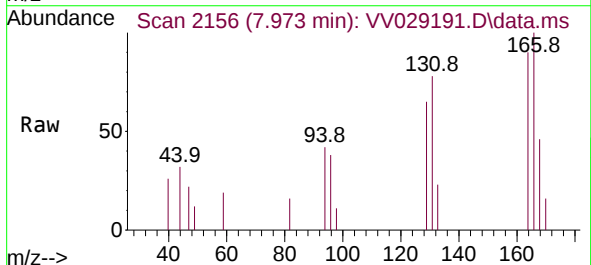
Ion Ratio Lower Upper

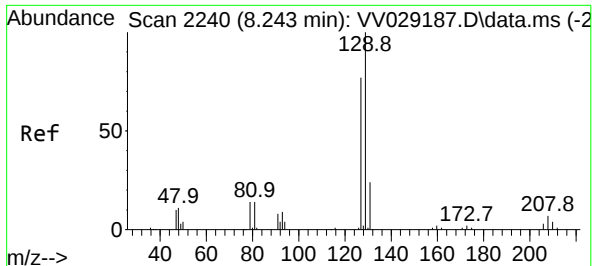
164 100

129 72.1 63.9 118.7

131 86.3 61.8 114.8

166 110.6 90.2 167.4





#49

Dibromochloromethane

Concen: 0.082 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.273 min

Lab File: VV029191.D

Acq: 19 Nov 2022 23:42

Instrument :

MSVOA_V

ClientSampleId :

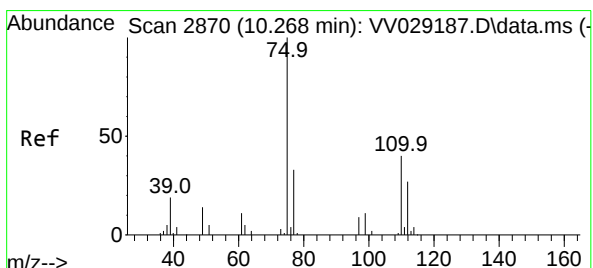
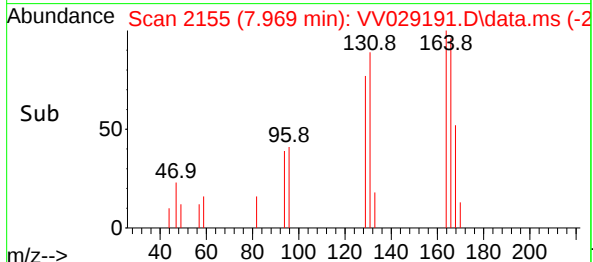
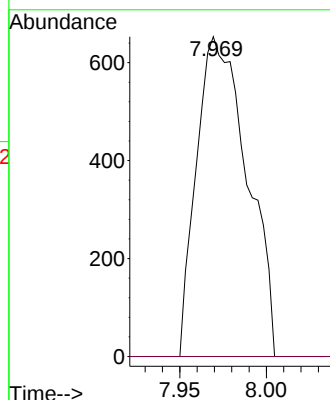
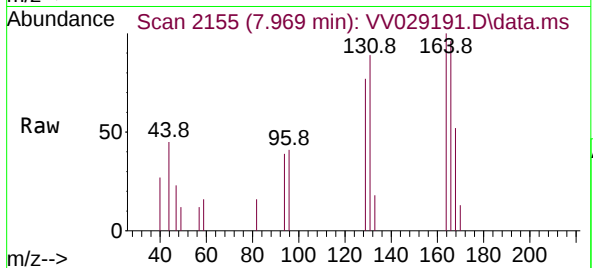
H46D7DL

Tgt Ion:129 Resp: 1326

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.597 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029191.D

Acq: 19 Nov 2022 23:42

Tgt Ion: 75 Resp: 15016

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

110 2.1 32.6 48.8#

