

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029136.D
 Acq On : 18 Nov 2022 23:11
 Operator : SY/MD
 Sample : M5688-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:00:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	270374	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	249570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	108975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66892	4.058	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.568	69	64025	4.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.108	63	99843	3.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.899	46	116896	42.365	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.740%
24) Chloroform-d	4.342	84	161792	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.030	65	77857	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	330927	4.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.066	67	105314	5.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.310	98	291195	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.619	79	30325	4.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.091	63	142988	49.376	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.760%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80458	5.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	106290	5.452	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	5677	0.303	ug/L	96
6) Bromomethane	1.526	94	630	0.049	ug/L	82
8) Chloroethane	1.465	64	22170	1.768	ug/L #	51
12) 1,1-Dichloroethene	2.117	96	1930	0.118	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	890	0.047	ug/L	81
19) 1,1-Dichloroethane	3.188	63	12954	0.417	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	166244	8.614	ug/L	99
25) Chloroform	4.368	83	5188	0.159	ug/L	77
29) 1,1,1-Trichloroethane	4.603	97	50969	1.740	ug/L	97
31) Carbon tetrachloride	4.603	117	6308	0.250	ug/L	96
34) Trichloroethene	5.908	95	233217	11.945	ug/L	98
35) Methylcyclohexane	6.066	83	25674	0.748	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	11436	0.650	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2441	0.099	ug/L	91
49) Dibromochloromethane	7.972	129	592	0.043	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	12343	1.657	ug/L #	66

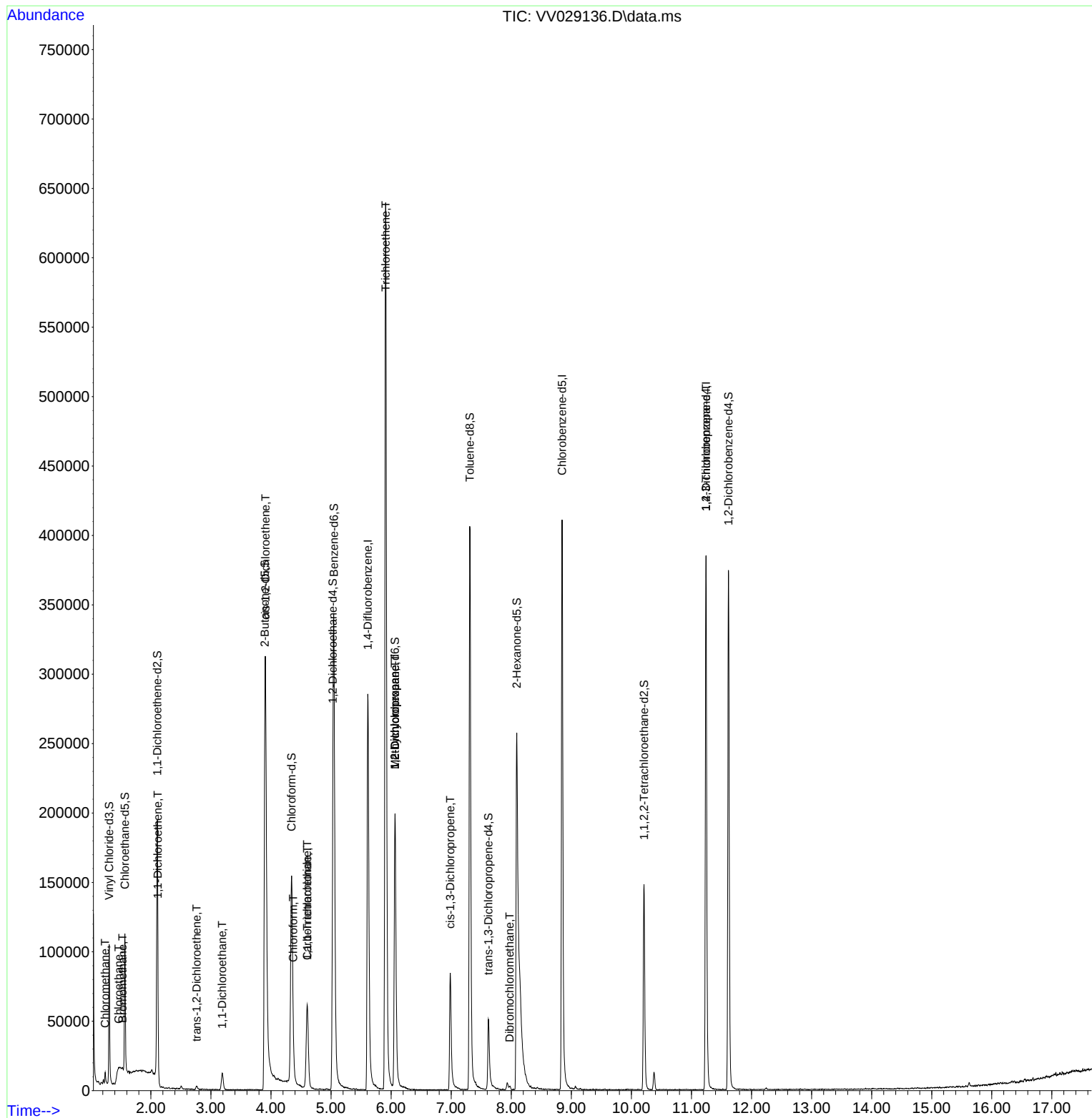
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
ClientSampleId :

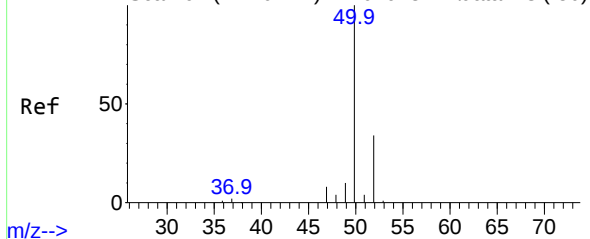
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Data File : VV029136.D
Acq On : 18 Nov 2022 23:11
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Instrument :
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Quant Time: Nov 19 02:00:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

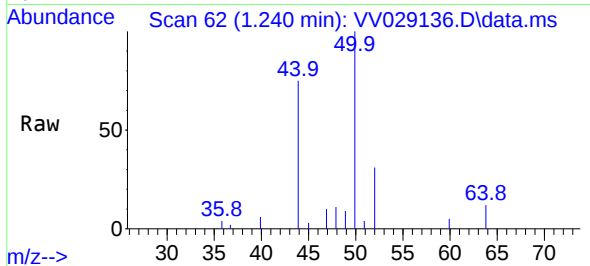


Abundance Scan 62 (1.240 min): VV029132.D\data.ms (-50)

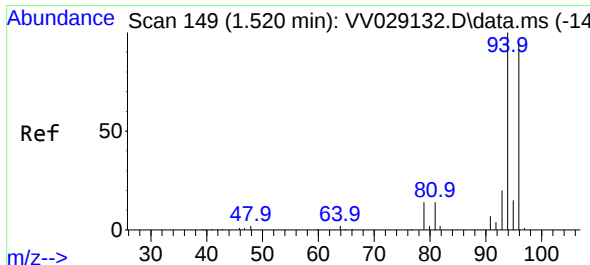
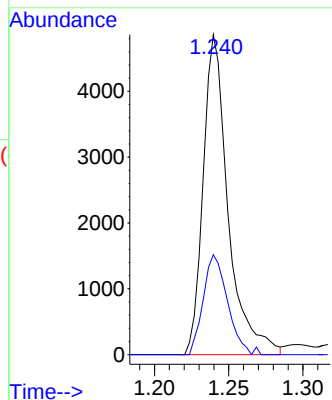
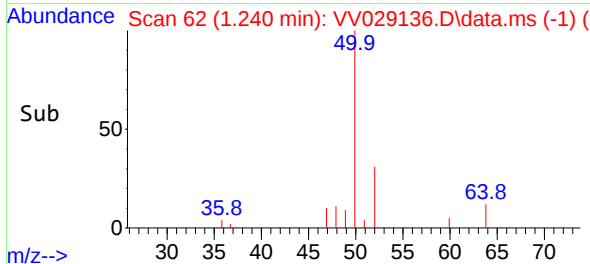


#3
Chloromethane
Concen: 0.303 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

Instrument :
MSVOA_V
ClientSampleId :

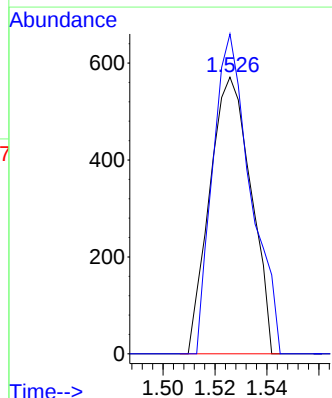
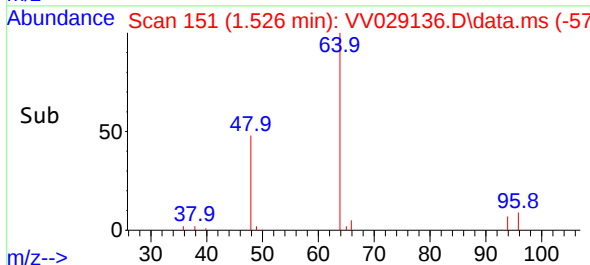
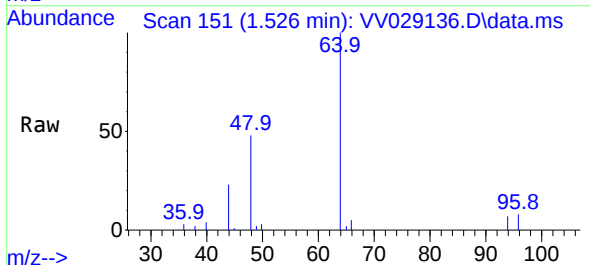


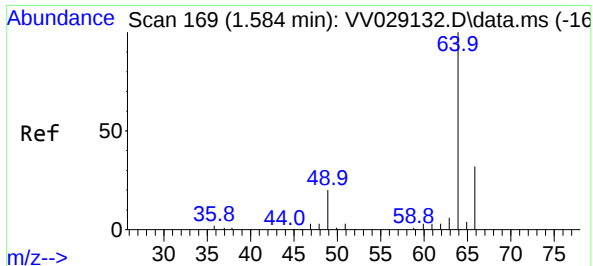
Tgt Ion: 50 Resp: 5677
Ion Ratio Lower Upper
50 100
52 31.3 23.7 43.9



#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

Tgt Ion: 94 Resp: 630
Ion Ratio Lower Upper
94 100
96 115.6 68.5 127.3

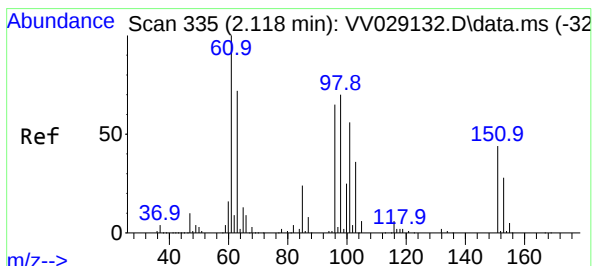
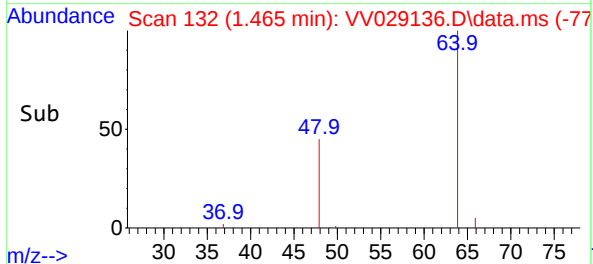
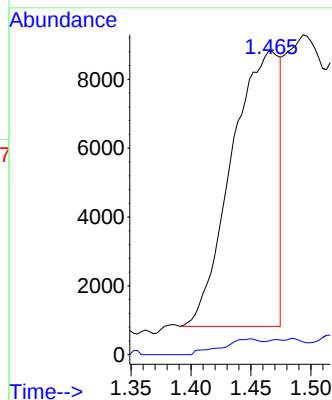
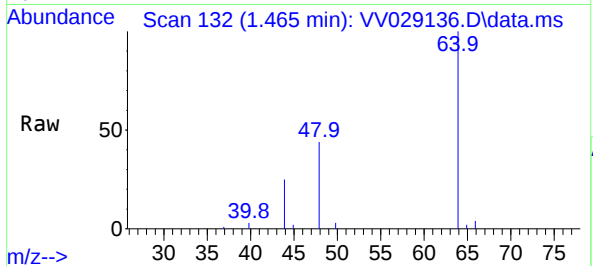




#8
Chloroethane
Concen: 1.768 ug/L
RT: 1.465 min Scan# 11
Delta R.T. -0.122 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

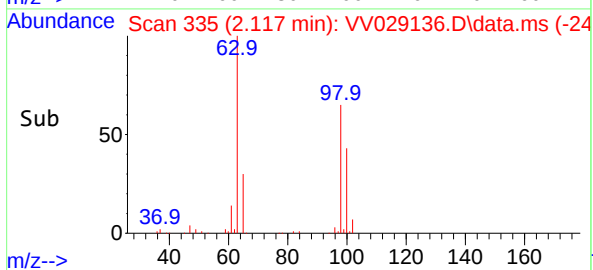
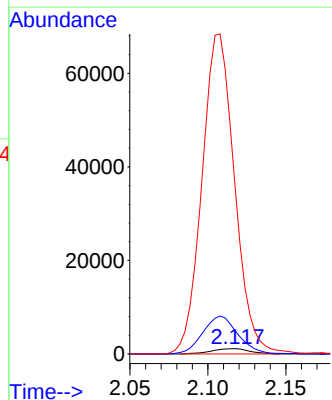
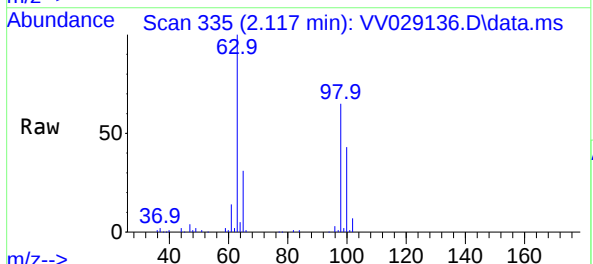
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ClientSampleId :

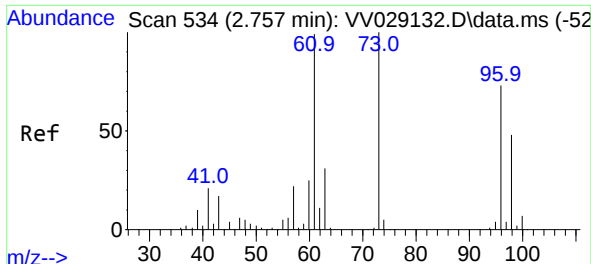
Tgt Ion: 64 Resp: 22170
Ion Ratio Lower Upper
64 100
66 4.5 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.118 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

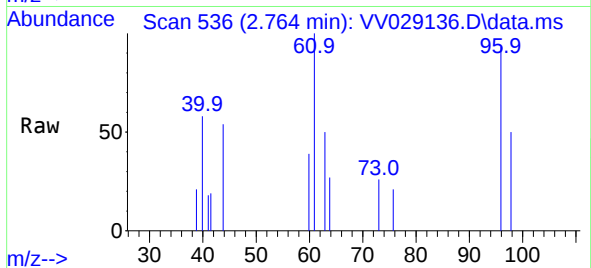
Tgt Ion: 96 Resp: 1930
Ion Ratio Lower Upper
96 100
61 438.2 104.2 193.4#
63 3157.0 75.9 140.9#



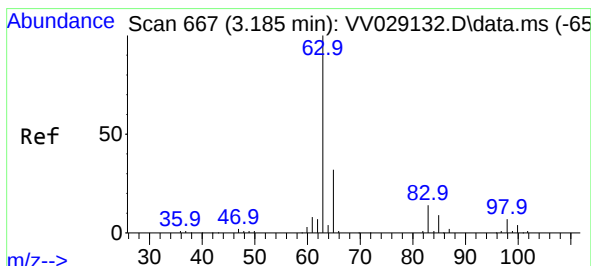
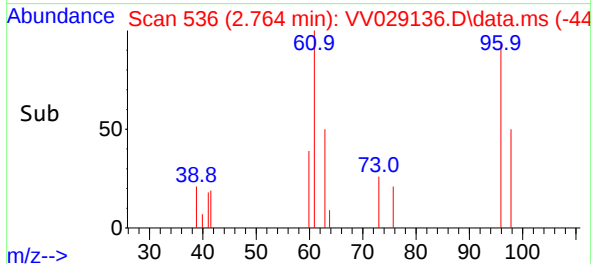
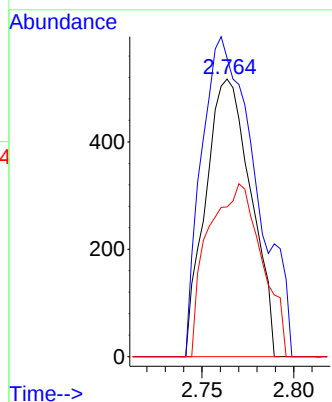


#18
trans-1,2-Dichloroethene
Concen: 0.047 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

Instrument :
MSVOA_V
ClientSampleId :

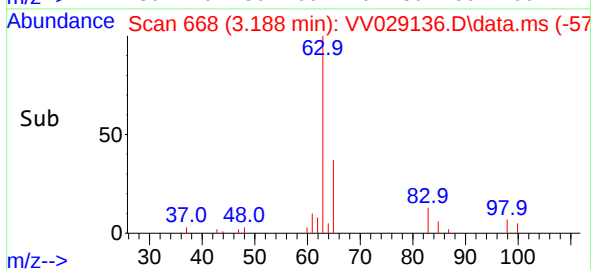
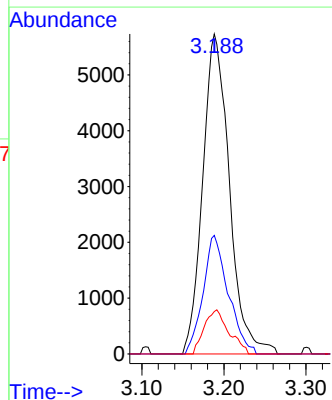
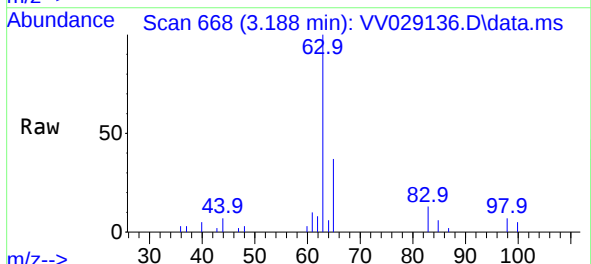


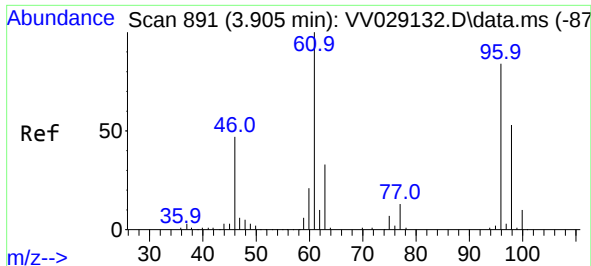
Tgt Ion: 96 Resp: 890
Ion Ratio Lower Upper
96 100
61 107.5 91.8 170.6
98 54.0 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.417 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

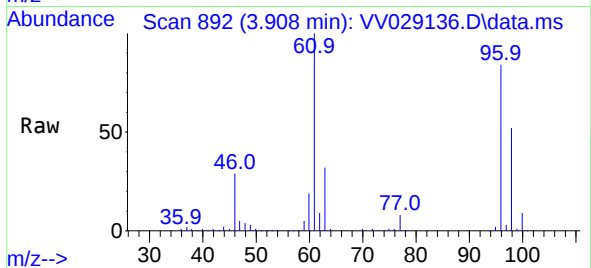
Tgt Ion: 63 Resp: 12954
Ion Ratio Lower Upper
63 100
65 37.0 23.0 42.6
83 13.3 9.4 17.6



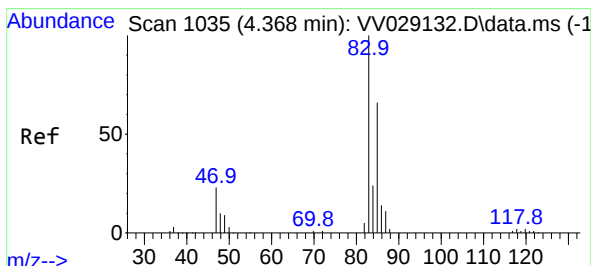
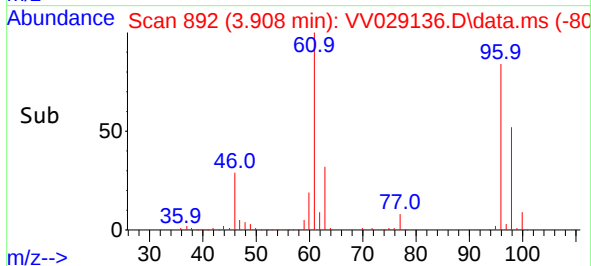
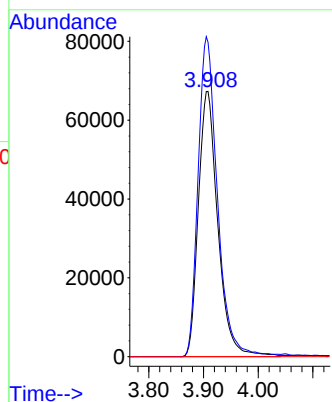


#22
 cis-1,2-Dichloroethene
 Concen: 8.614 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV029136.D
 Acq: 18 Nov 2022 23:11

Instrument :
 MSVOA_V
 ClientSampleId :

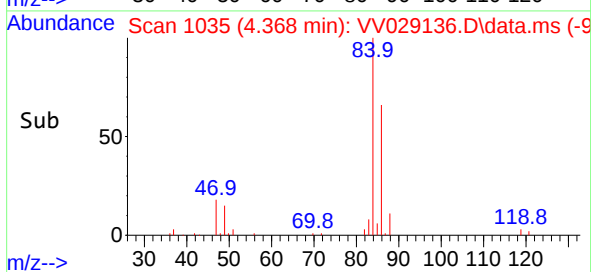
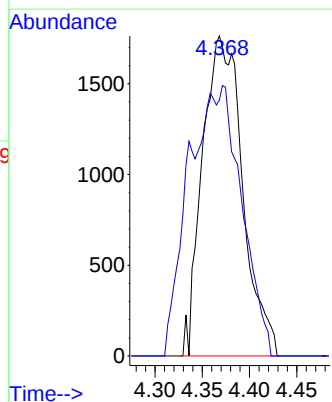
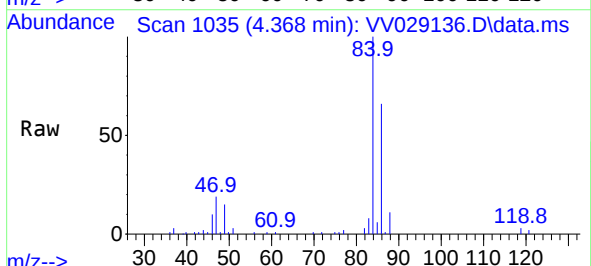


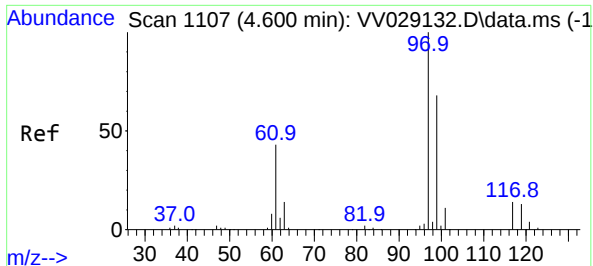
Tgt Ion: 96 Resp: 166244
 Ion Ratio Lower Upper
 96 100
 61 118.5 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.159 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.007 min
 Lab File: VV029136.D
 Acq: 18 Nov 2022 23:11

Tgt Ion: 83 Resp: 5188
 Ion Ratio Lower Upper
 83 100
 85 80.0 43.7 81.1





#29

1,1,1-Trichloroethane

Concen: 1.740 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV029136.D

Acq: 18 Nov 2022 23:11

Instrument :

MSVOA_V

ClientSampleId :

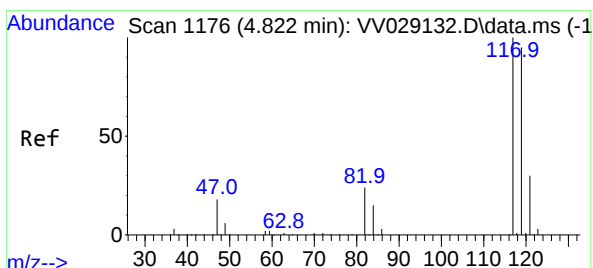
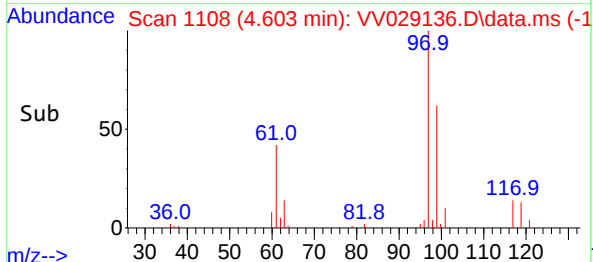
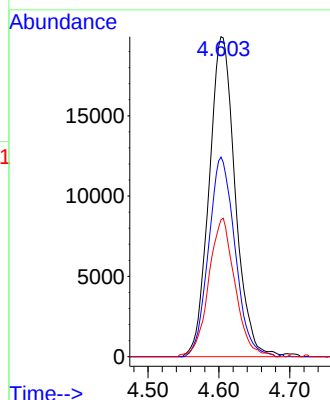
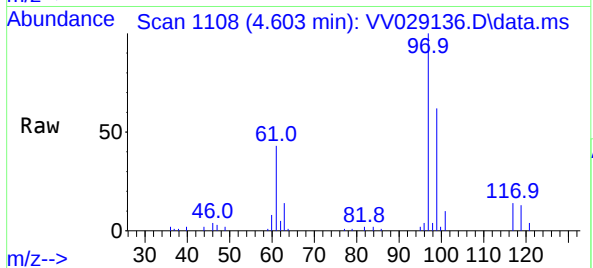
Tgt Ion: 97 Resp: 50969

Ion Ratio Lower Upper

97 100

99 63.4 52.7 79.1

61 43.7 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.250 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.225 min

Lab File: VV029136.D

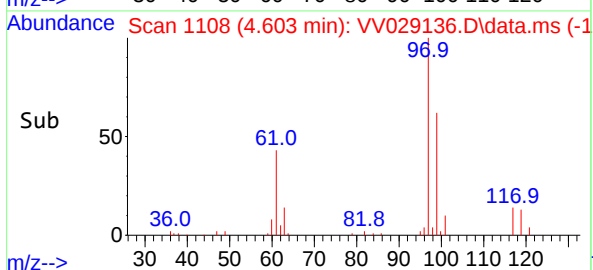
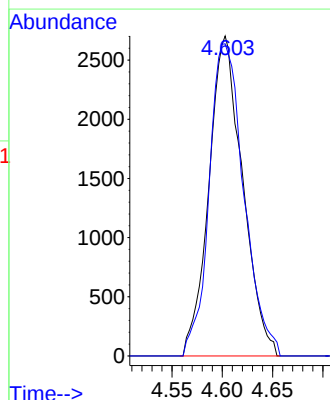
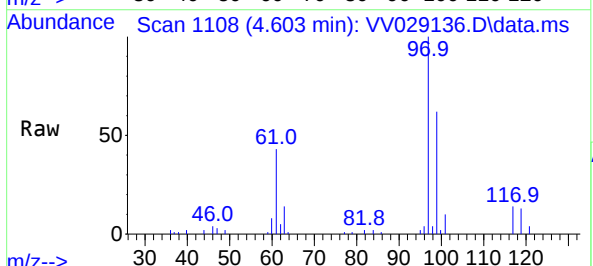
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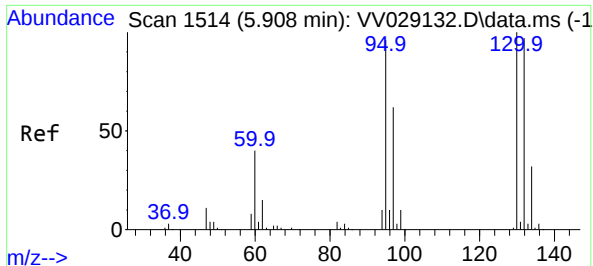
Tgt Ion: 117 Resp: 6308

Ion Ratio Lower Upper

117 100

119 100.3 77.0 115.6

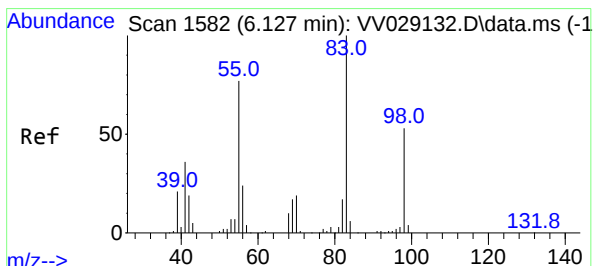
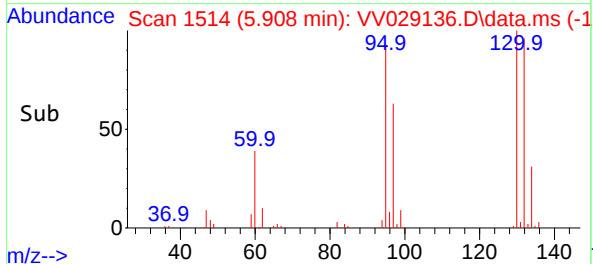
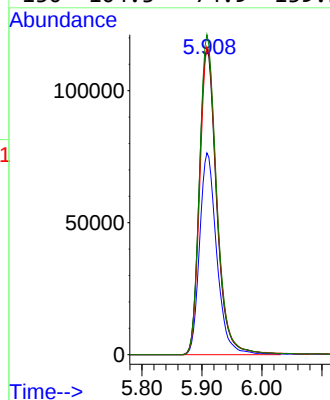
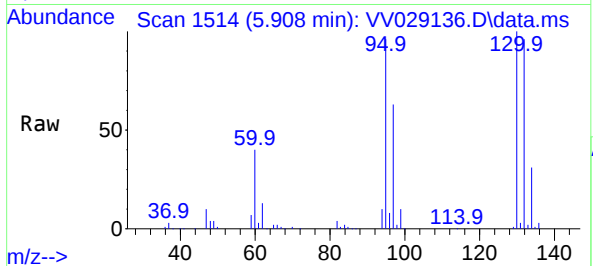




#34
Trichloroethene
Concen: 11.945 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

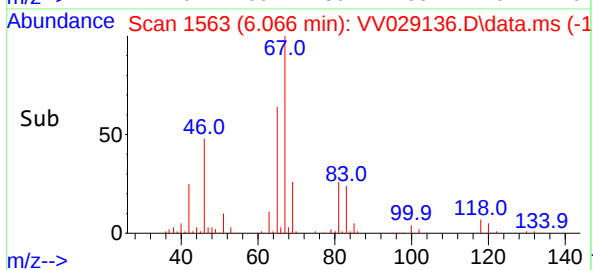
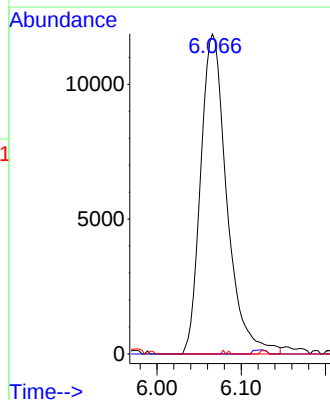
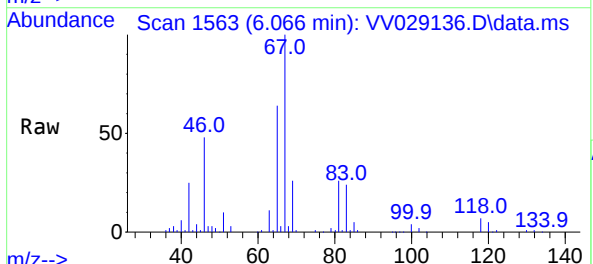
Instrument :
MSVOA_V
ClientSampleId :

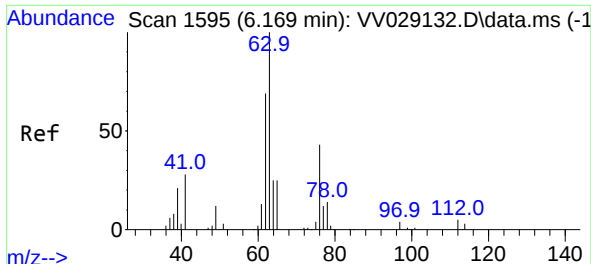
Tgt Ion: 95 Resp: 233217
Ion Ratio Lower Upper
95 100
97 65.7 45.6 84.8
132 100.3 69.1 128.3
130 104.3 74.9 139.1



#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

Tgt Ion: 83 Resp: 25674
Ion Ratio Lower Upper
83 100
55 0.6 55.8 83.6#
98 1.3 38.2 57.2#

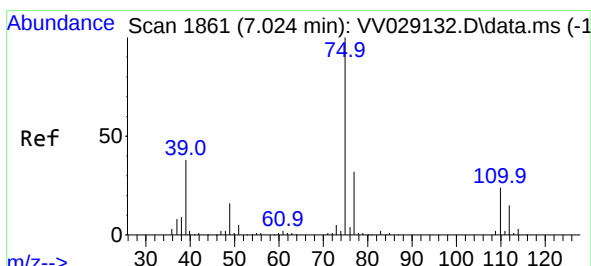
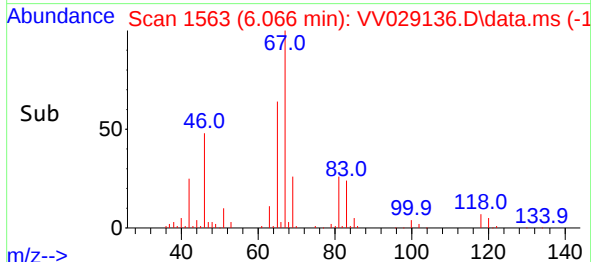
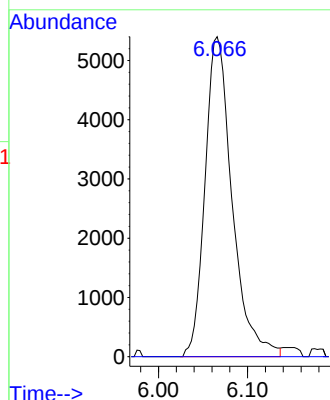
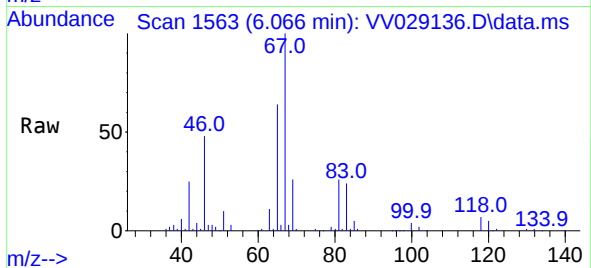




#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

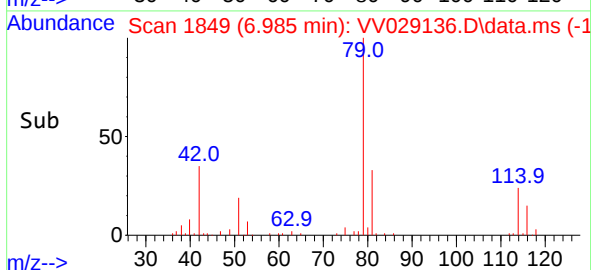
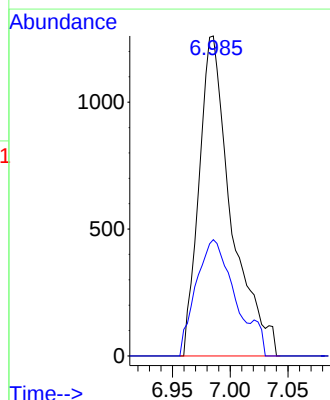
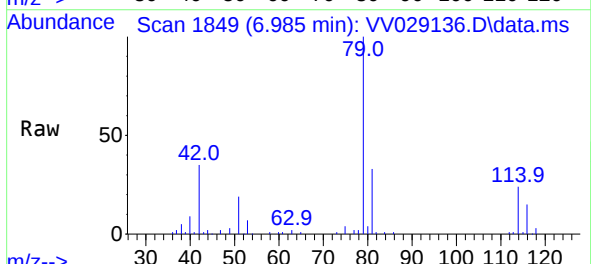
Instrument :
MSVOA_V
ClientSampleId :

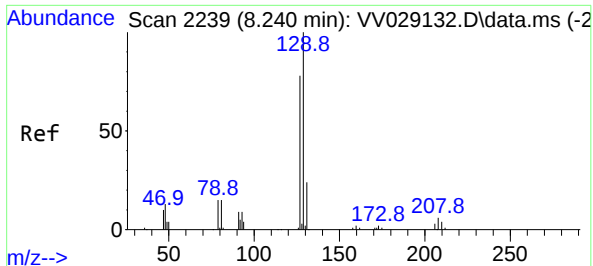
Tgt Ion: 63 Resp: 11436
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV029136.D
Acq: 18 Nov 2022 23:11

Tgt Ion: 75 Resp: 2441
Ion Ratio Lower Upper
75 100
77 36.3 21.8 40.6





#49

Dibromochloromethane

Concen: 0.043 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV029136.D

Acq: 18 Nov 2022 23:11

Instrument :

MSVOA_V

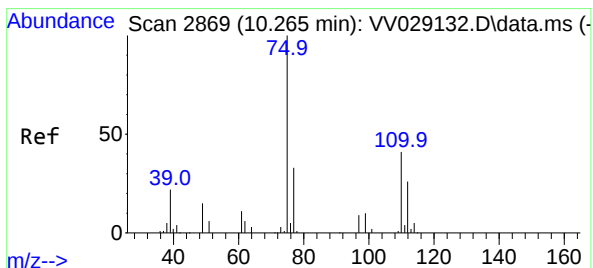
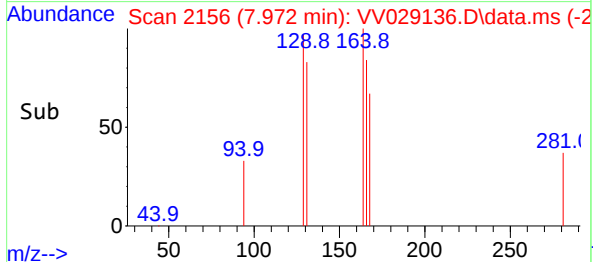
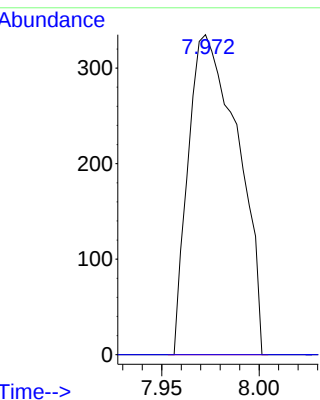
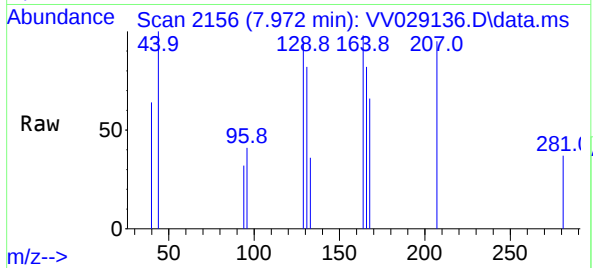
ClientSampleId :

Tgt Ion:129 Resp: 592

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.657 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV029136.D

Acq: 18 Nov 2022 23:11

Tgt Ion: 75 Resp: 12343

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

110 2.2 32.6 48.8#

