

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029008.D
 Acq On : 16 Nov 2022 11:41
 Operator : SY/MD
 Sample : N5593-03DL2 400X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD1DL2

Quant Time: Nov 17 02:51:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 02:49:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	278326	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	250806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	121331	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	72988	4.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.565	69	59533	3.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.105	63	105708	3.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	3.934	46	124607	43.870	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.740%
24) Chloroform-d	4.343	84	160117	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.031	65	76974	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.043	84	350904	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.066	67	98356	4.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.310	98	320821	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.622	79	31163	4.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.092	63	129238	44.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.820%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	69434	4.791	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	114724	5.285	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	719	0.037	ug/L #	73
6) Bromomethane	1.520	94	923	0.070	ug/L	95
8) Chloroethane	1.487	64	57257	4.436	ug/L #	50
12) 1,1-Dichloroethene	2.114	96	11920	0.707	ug/L #	1
16) Methylene chloride	2.507	84	5742	0.264	ug/L	99
25) Chloroform	4.372	83	4110	0.123	ug/L	78
27) 1,2-Dichloroethane	5.043	62	1782	0.103	ug/L #	70
29) 1,1,1-Trichloroethane	4.609	97	1201	0.041	ug/L #	74
34) Trichloroethene	5.915	95	37929	1.933	ug/L	98
35) Methylcyclohexane	6.066	83	25163	0.730	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	10176	0.576	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2332	0.095	ug/L #	60
44) trans-1,3-Dichloropropene	7.625	75	1404	0.073	ug/L #	54
45) 1,1,2-Trichloroethane	7.966	97	1074	0.093	ug/L #	35
47) Tetrachloroethene	7.969	164	137759	8.768	ug/L	96
49) Dibromochloromethane	7.969	129	118172	8.448	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	12403	1.496	ug/L #	63

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 02:49:50 2022
Response via : Initial Calibration

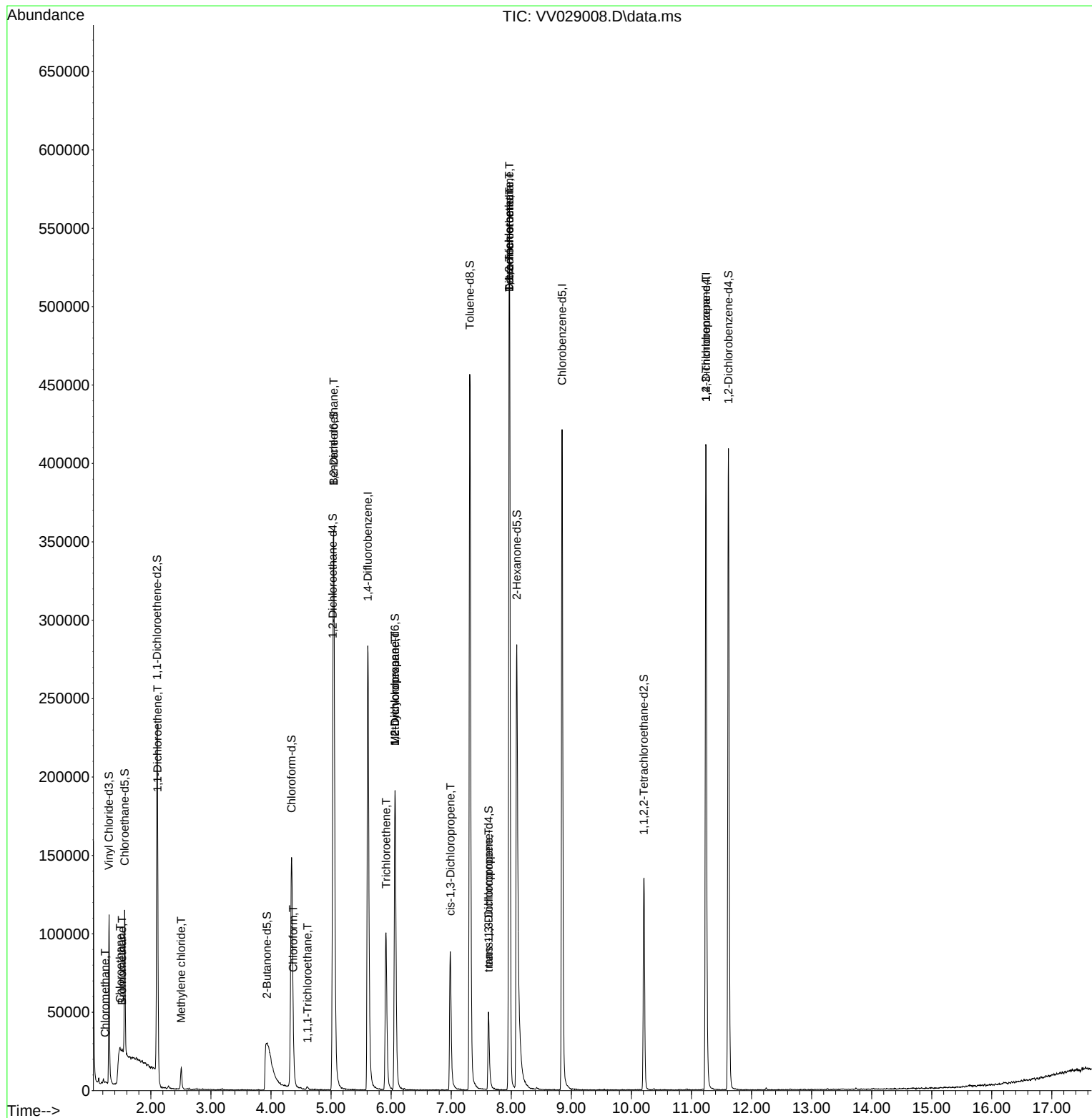
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

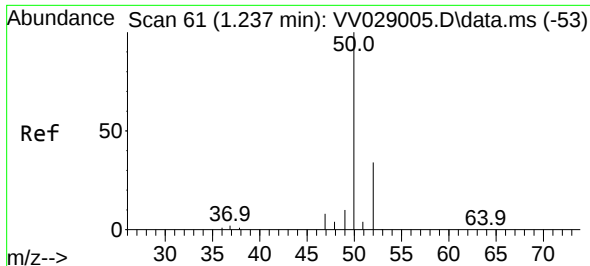
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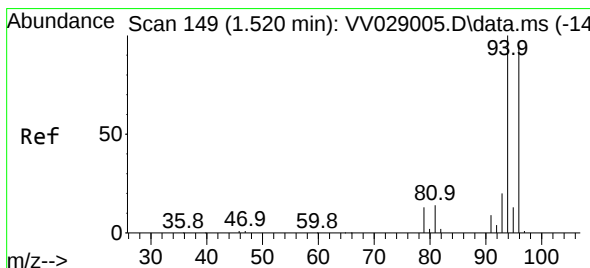
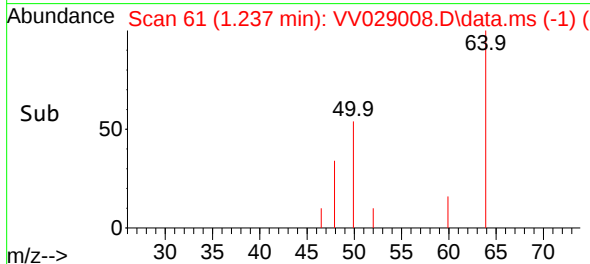
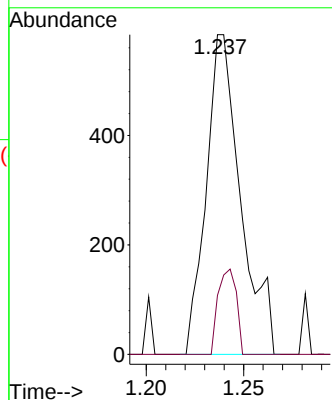
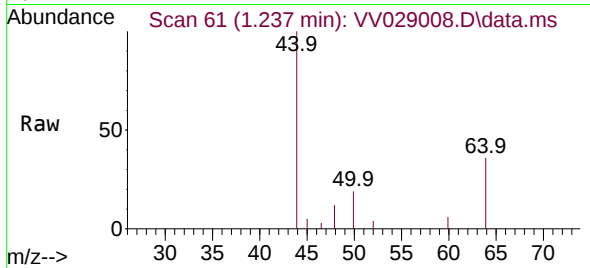




#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

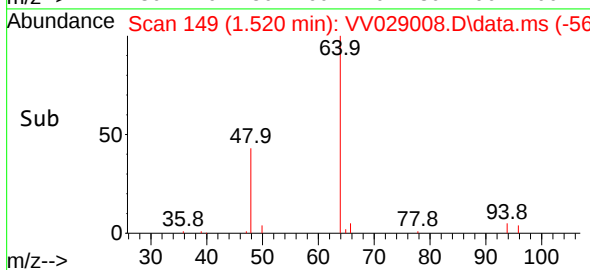
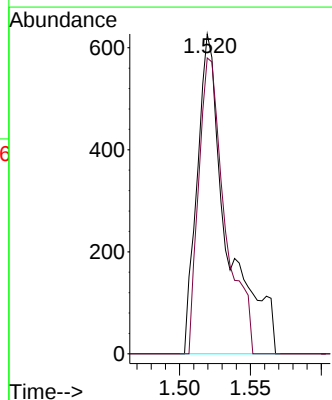
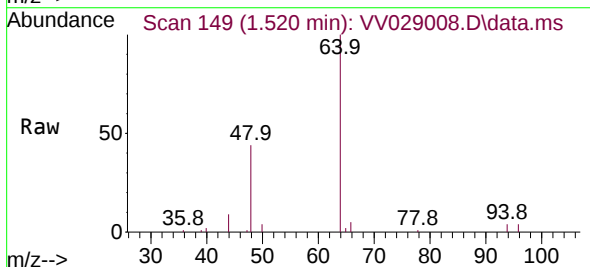
Instrument :
MSVOA_V
ClientSampleId :
H0AD1DL2

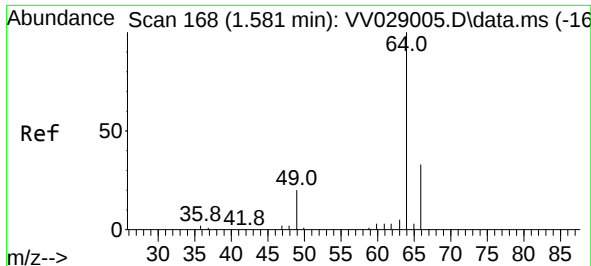
Tgt Ion: 50 Resp: 719
Ion Ratio Lower Upper
50 100
52 18.5 23.7 43.9#



#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

Tgt Ion: 94 Resp: 923
Ion Ratio Lower Upper
94 100
96 92.5 68.5 127.3

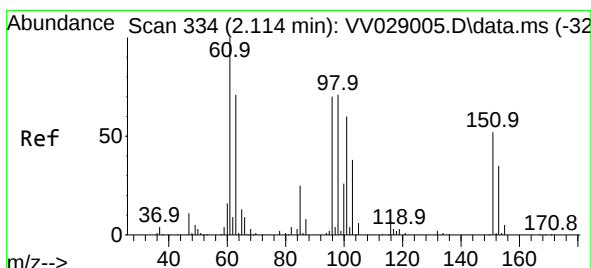
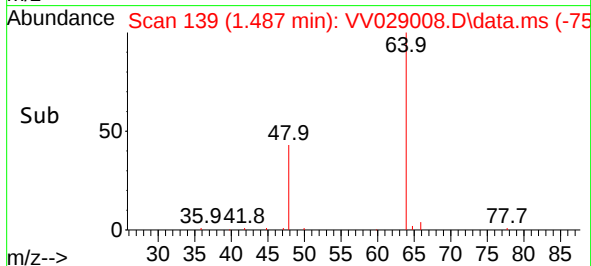
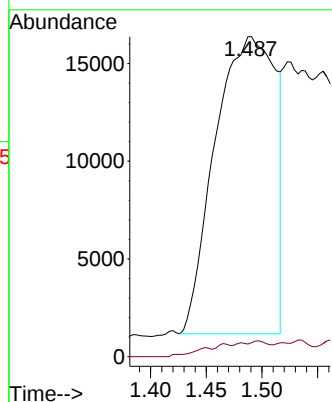
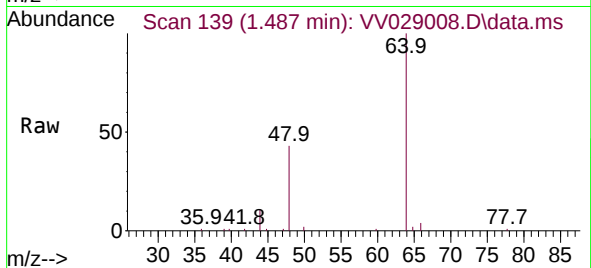




#8
Chloroethane
Concen: 4.436 ug/L
RT: 1.487 min Scan# 11
Delta R.T. -0.093 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

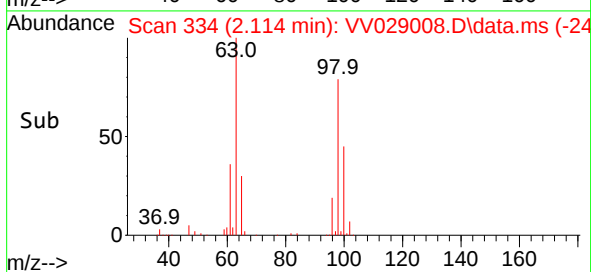
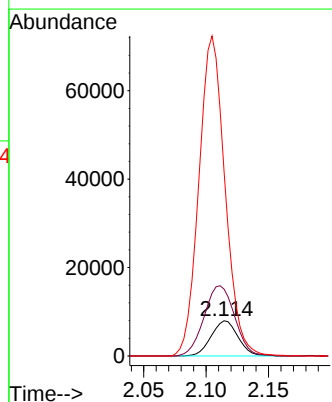
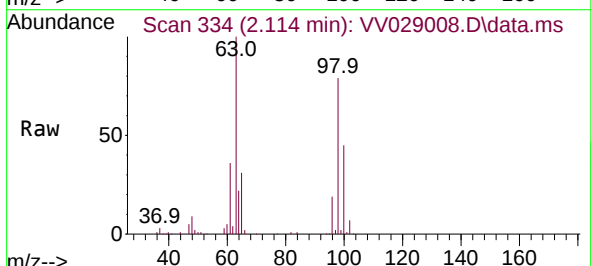
Instrument :
MSVOA_V
ClientSampleId :
H0AD1DL2

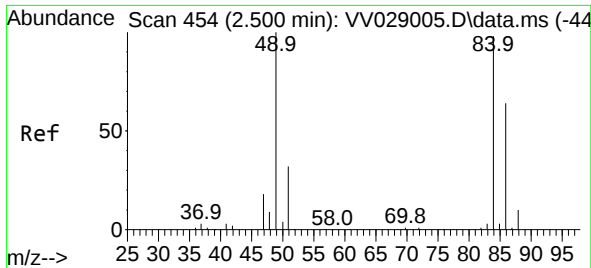
Tgt Ion: 64 Resp: 57257
Ion Ratio Lower Upper
64 100
66 3.9 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.707 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

Tgt Ion: 96 Resp: 11920
Ion Ratio Lower Upper
96 100
61 190.0 104.2 193.4
63 525.3 75.9 140.9#

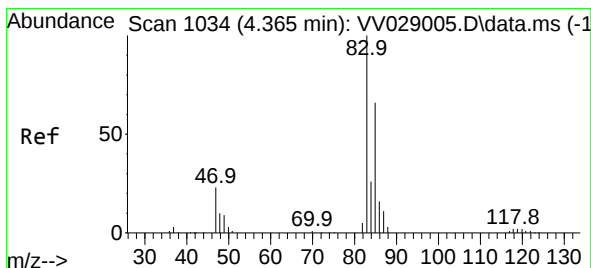
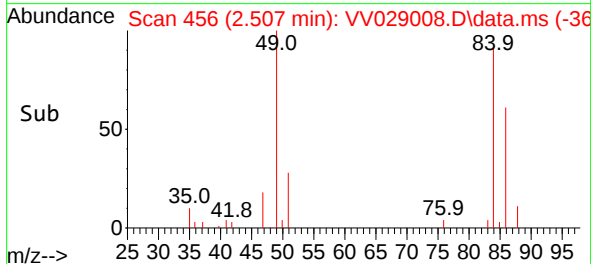
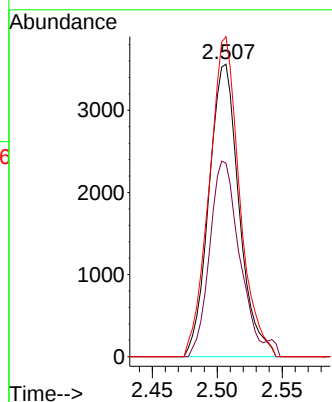
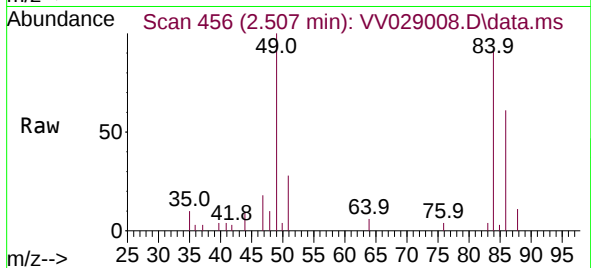




#16
Methylene chloride
Concen: 0.264 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

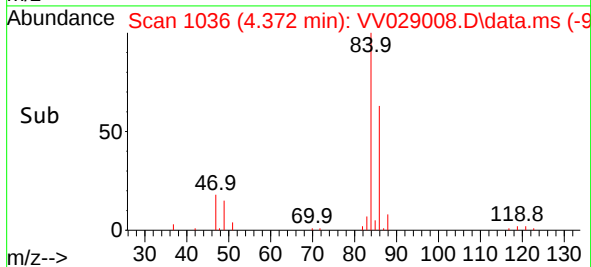
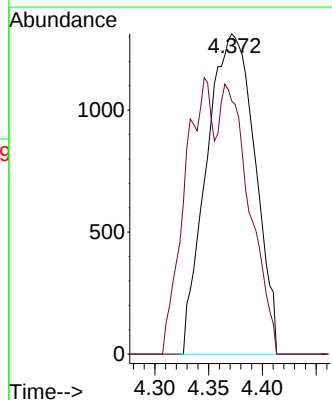
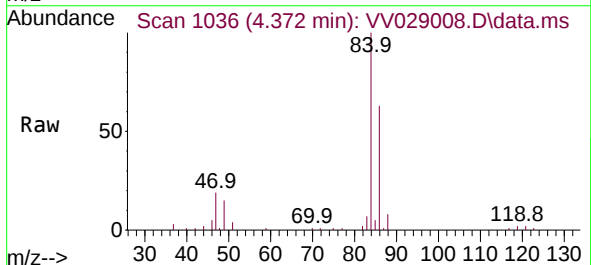
Instrument :
MSVOA_V
ClientSampleId :
H0AD1DL2

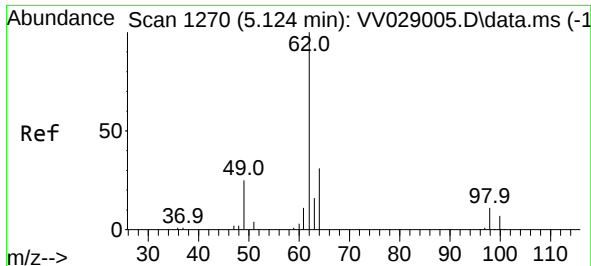
Tgt Ion: 84 Resp: 5742
Ion Ratio Lower Upper
84 100
86 66.2 45.8 85.0
49 109.4 75.5 140.1



#25
Chloroform
Concen: 0.123 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

Tgt Ion: 83 Resp: 4110
Ion Ratio Lower Upper
83 100
85 79.0 43.7 81.1





#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.043 min Scan# 1110

Delta R.T. -0.080 min

Lab File: VV029008.D

Acq: 16 Nov 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

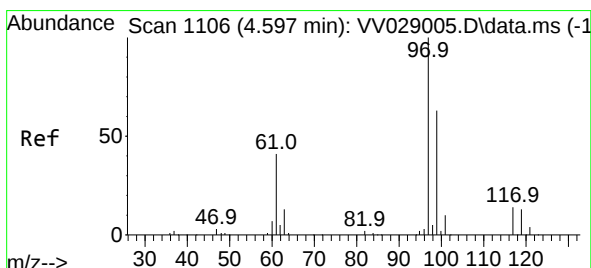
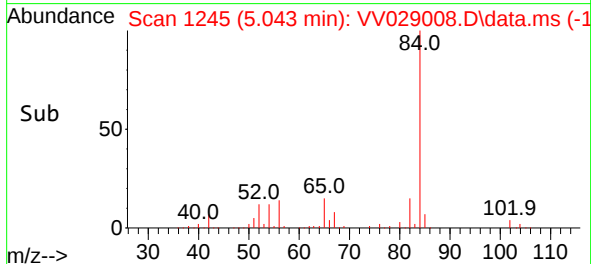
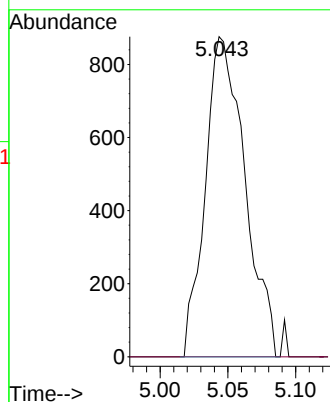
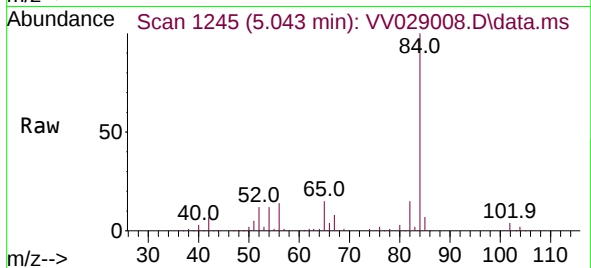
H0AD1DL2

Tgt Ion: 62 Resp: 1782

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#29

1,1,1-Trichloroethane

Concen: 0.041 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.013 min

Lab File: VV029008.D

Acq: 16 Nov 2022 11:41

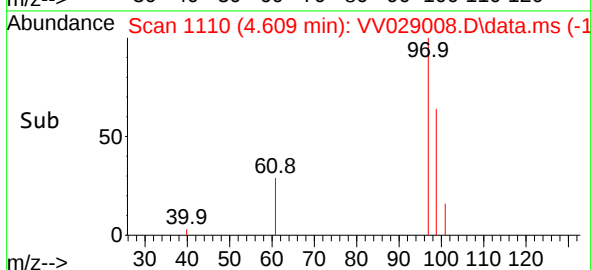
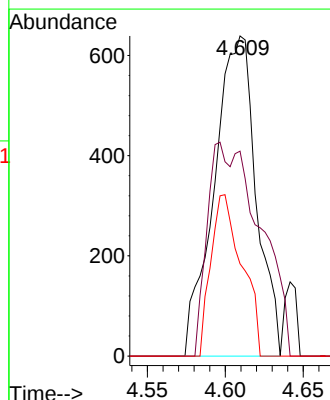
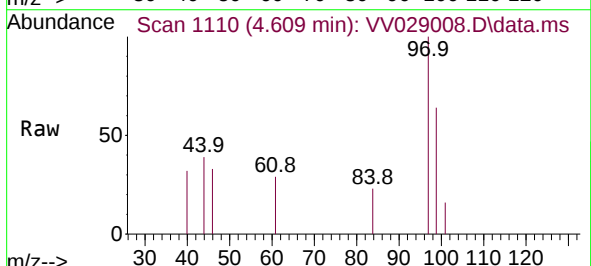
Tgt Ion: 97 Resp: 1201

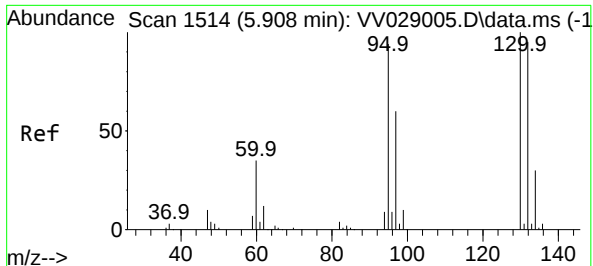
Ion Ratio Lower Upper

97 100

99 36.5 52.7 79.1#

61 37.1 33.8 50.6

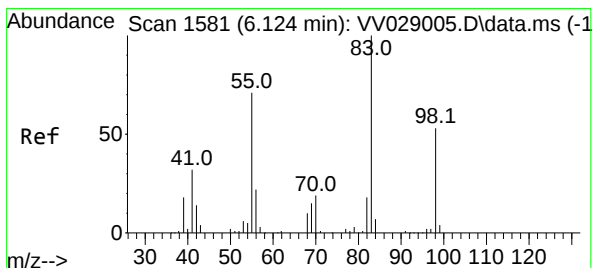
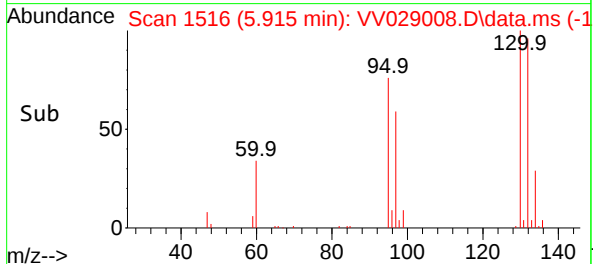
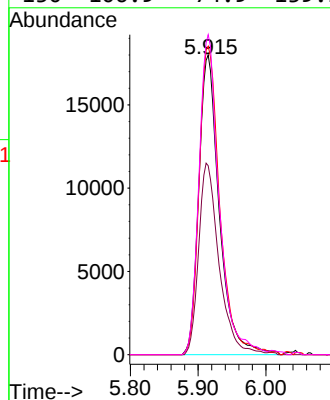
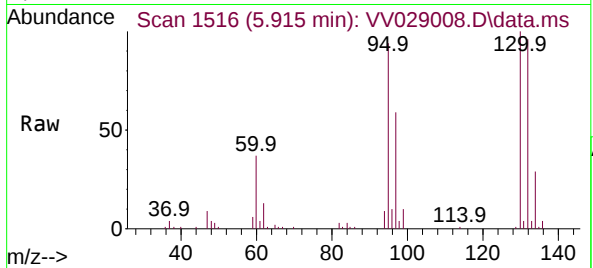




#34
Trichloroethene
Concen: 1.933 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

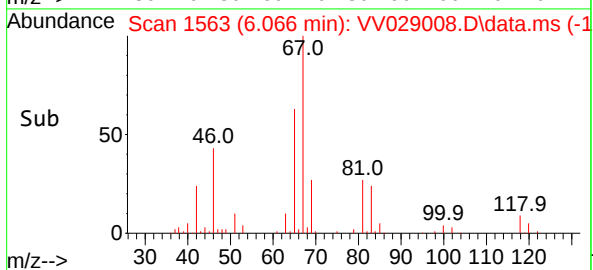
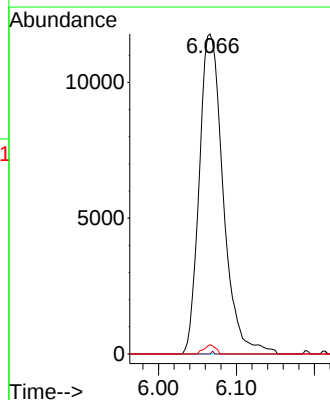
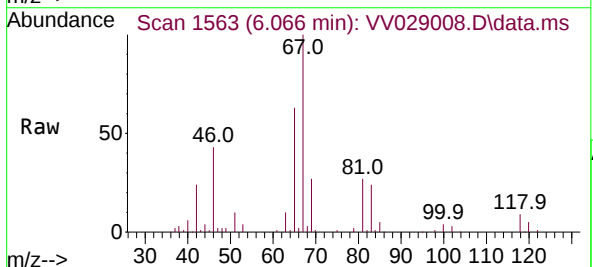
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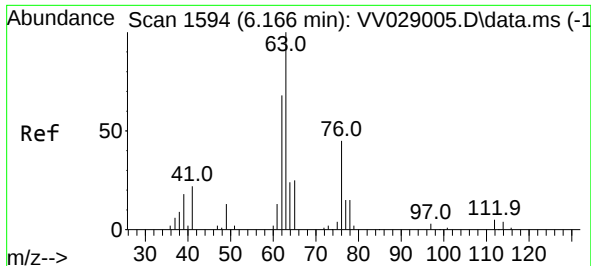
Tgt Ion: 95 Resp: 37929
Ion Ratio Lower Upper
95 100
97 63.1 45.6 84.8
132 103.0 69.1 128.3
130 106.9 74.9 139.1



#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

Tgt Ion: 83 Resp: 25163
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 1.4 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029008.D

Acq: 16 Nov 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

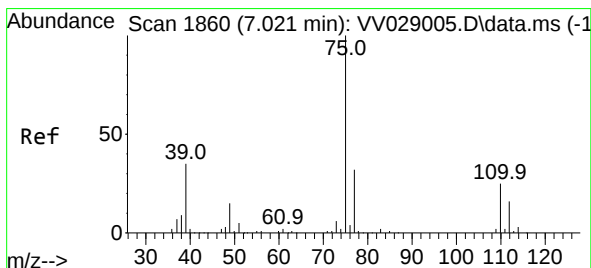
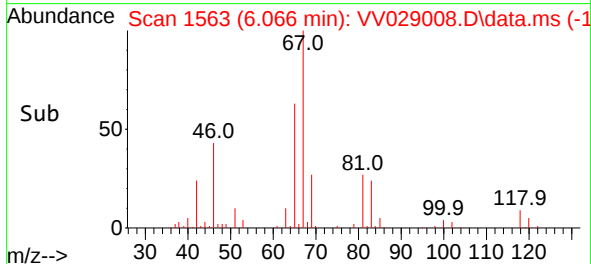
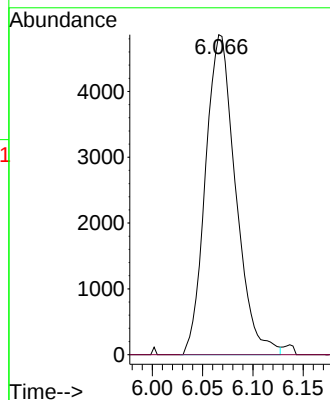
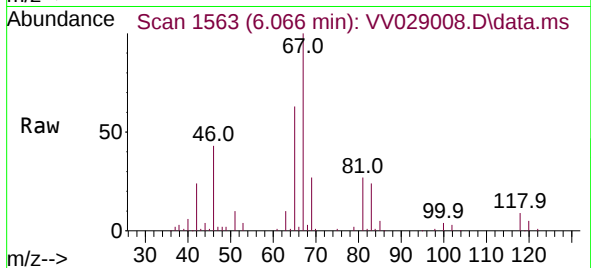
H0AD1DL2

Tgt Ion: 63 Resp: 10176

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.032 min

Lab File: VV029008.D

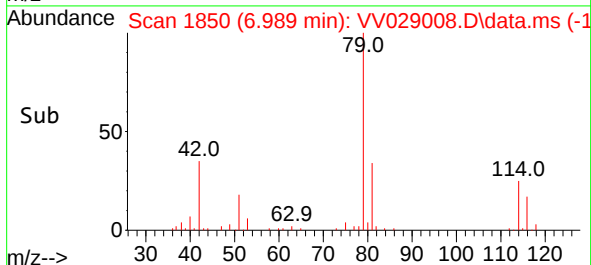
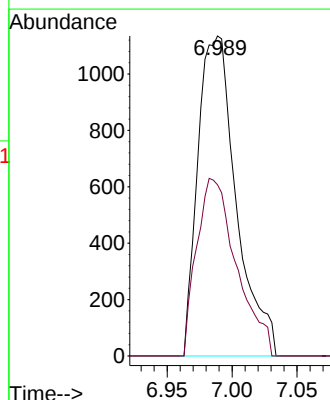
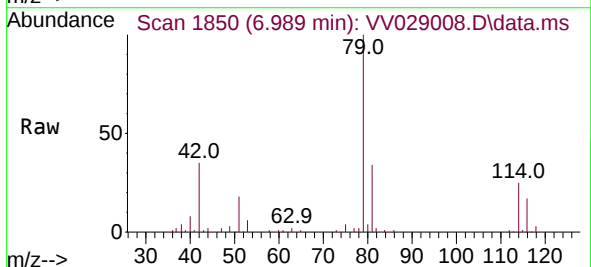
Acq: 16 Nov 2022 11:41

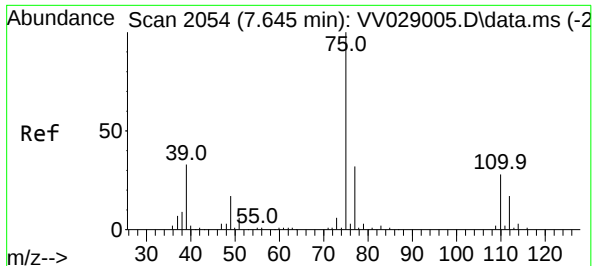
Tgt Ion: 75 Resp: 2332

Ion Ratio Lower Upper

75 100

77 53.5 21.8 40.6#

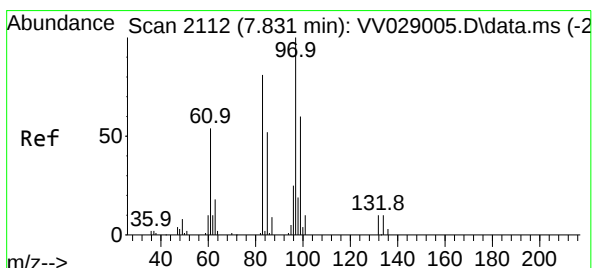
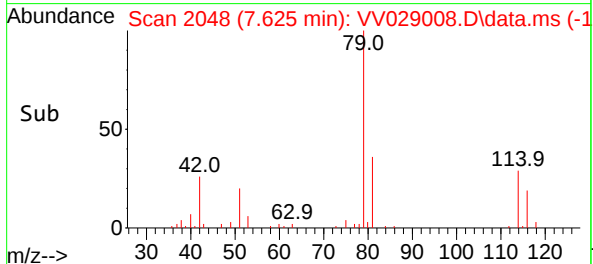
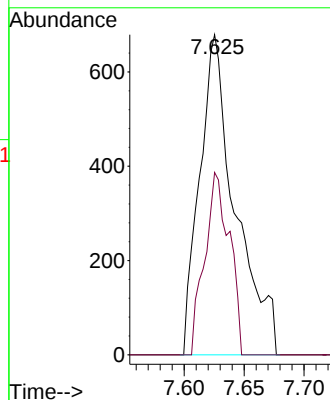
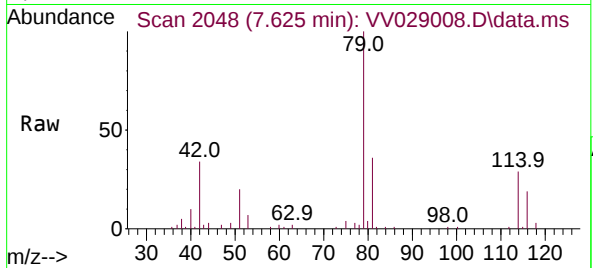




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.625 min Scan# 2054
Delta R.T. -0.019 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

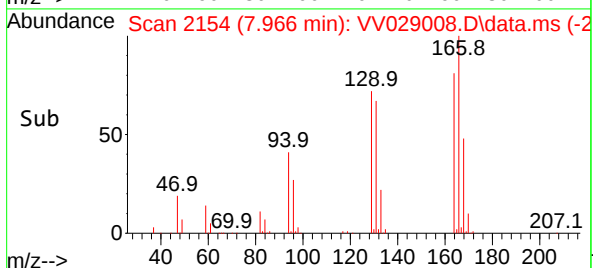
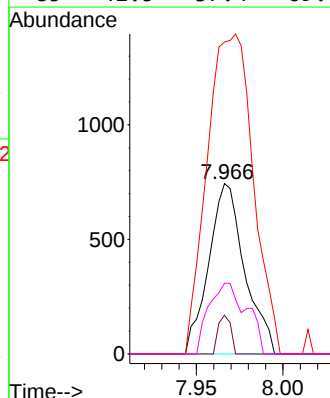
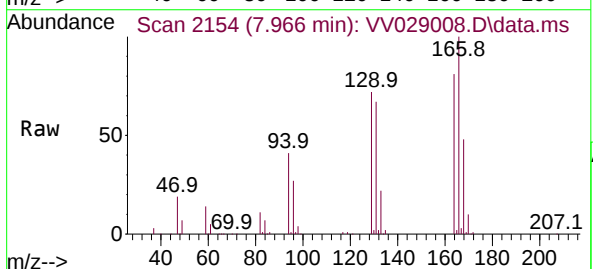
Instrument :
MSVOA_V
ClientSampleId :
H0AD1DL2

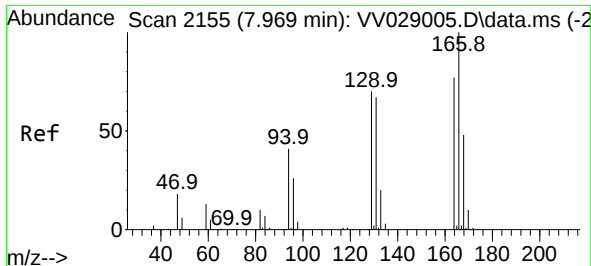
Tgt Ion: 75 Resp: 1404
Ion Ratio Lower Upper
75 100
77 57.0 22.2 41.2#



#45
1,1,2-Trichloroethane
Concen: 0.093 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.135 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

Tgt Ion: 97 Resp: 1074
Ion Ratio Lower Upper
97 100
99 22.7 41.5 77.1#
83 183.1 60.0 111.4#
85 41.5 37.4 69.4

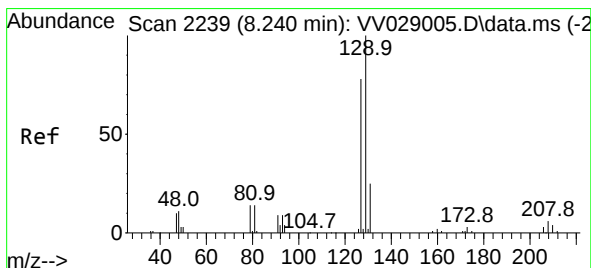
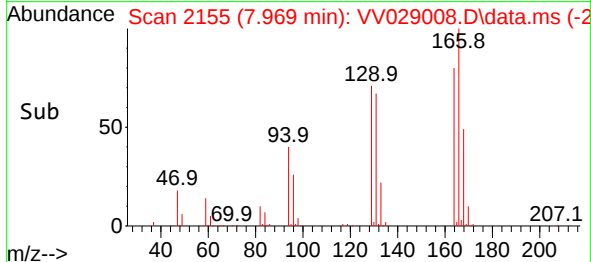
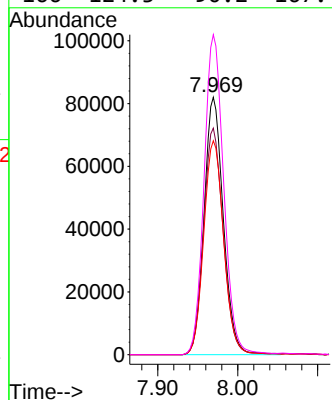
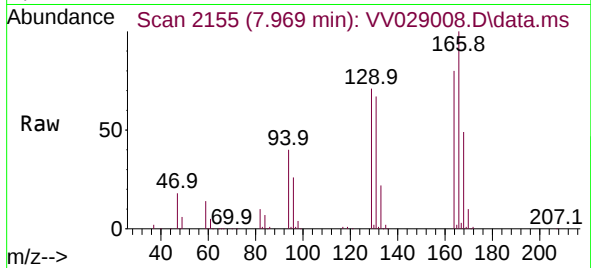




#47
Tetrachloroethene
Concen: 8.768 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

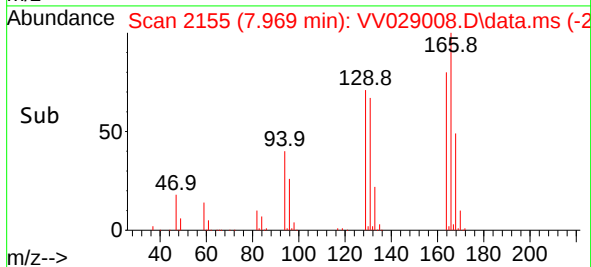
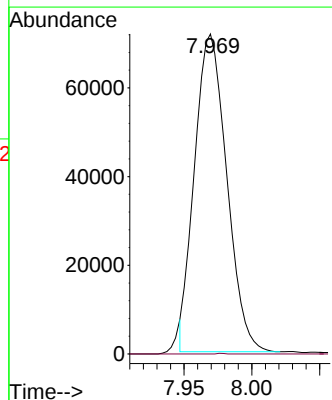
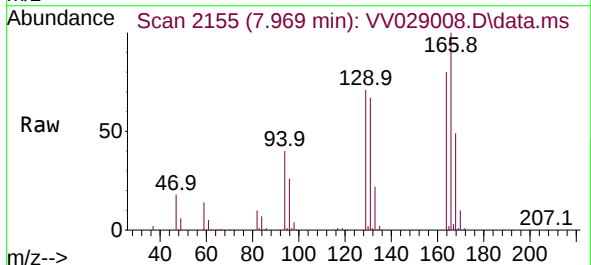
Instrument :
MSVOA_V
ClientSampleId :
H0AD1DL2

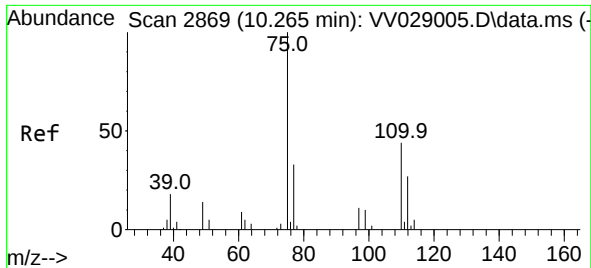
Tgt Ion:164 Resp: 137759
Ion Ratio Lower Upper
164 100
129 88.0 63.9 118.7
131 83.1 61.8 114.8
166 124.3 90.2 167.4



#49
Dibromochloromethane
Concen: 8.448 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV029008.D
Acq: 16 Nov 2022 11:41

Tgt Ion:129 Resp: 118172
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.496 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV029008.D
 Acq: 16 Nov 2022 11:41

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD1DL2

Tgt Ion: 75 Resp: 12403
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.2 39.2
 110 1.1 32.6 48.8#

