

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029314.D
 Acq On : 23 Nov 2022 23:31
 Operator : SY/MD
 Sample : N5652-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:53:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

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

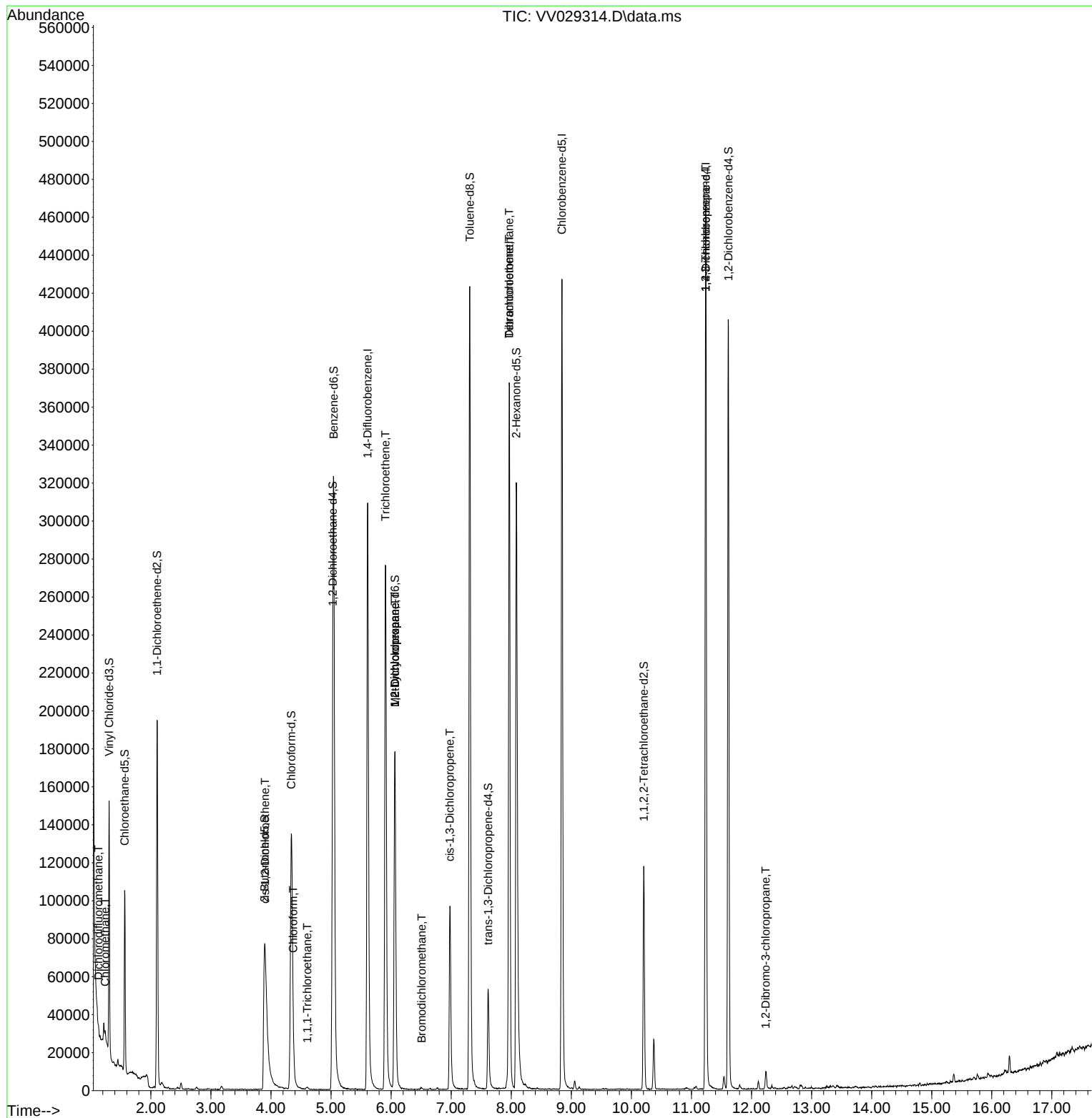
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	287475	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	250274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	130729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83063	4.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.564	69	62220	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.104	63	99061	3.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.892	46	139401	47.102	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.200%
24) Chloroform-d	4.339	84	146426	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.027	65	68316	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.043	84	326853	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.063	67	94414	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.310	98	303133	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.616	79	35230	4.701	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.085	63	118426	44.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.680%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	56473	4.709	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	110663	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	1160	0.054	ug/L	96
3) Chloromethane	1.240	50	3167	0.161	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	5634	0.290	ug/L	85
25) Chloroform	4.368	83	13891	0.436	ug/L	92
29) 1,1,1-Trichloroethane	4.606	97	1349	0.047	ug/L #	82
34) Trichloroethene	5.905	95	99868	5.230	ug/L	98
35) Methylcyclohexane	6.063	83	23079	0.716	ug/L #	22
37) 1,2-Dichloropropane	6.063	63	9720	0.551	ug/L #	85
38) Bromodichloromethane	6.509	83	1032	0.049	ug/L #	92
39) cis-1,3-Dichloropropene	6.979	75	2473	0.096	ug/L #	63
47) Tetrachloroethene	7.966	164	86324	5.515	ug/L	96
49) Dibromochloromethane	7.966	129	79061	5.887	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	14617	1.612	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.236	75	398	0.224	ug/L #	1

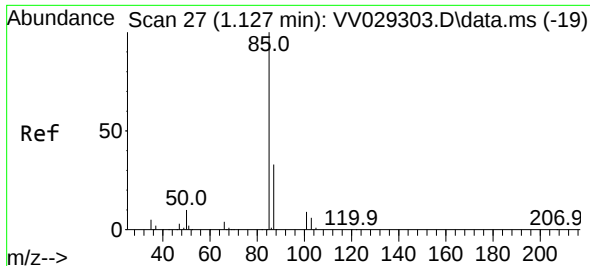
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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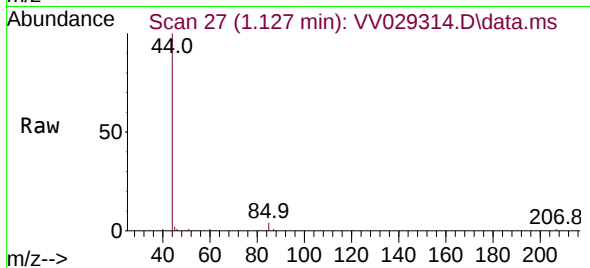
Quant Time: Nov 24 01:53:19 2022
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Quant Title : TRACE VOA SFAM1.0
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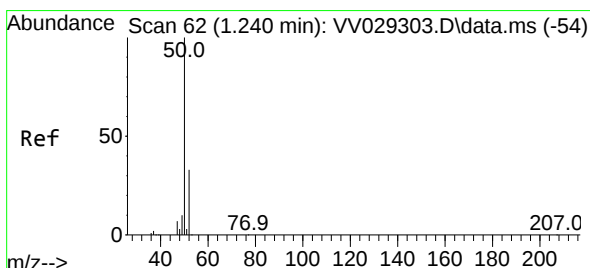
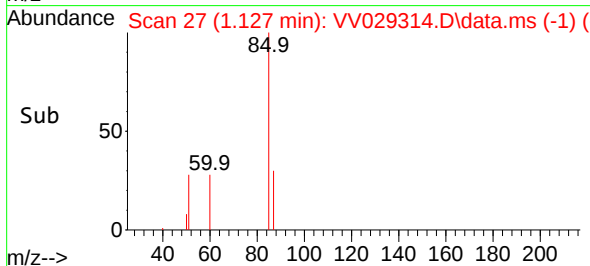
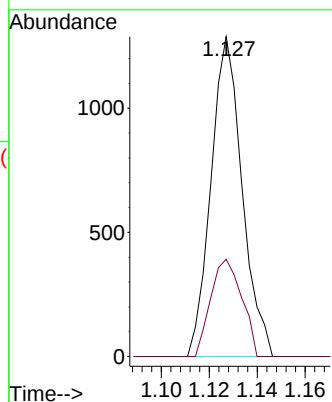


#2
 Dichlorodifluoromethane
 Concen: 0.054 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029314.D
 Acq: 23 Nov 2022 23:31

Instrument :
 MSVOA_V
 ClientSampleId :

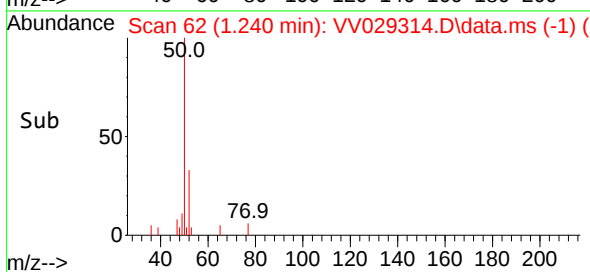
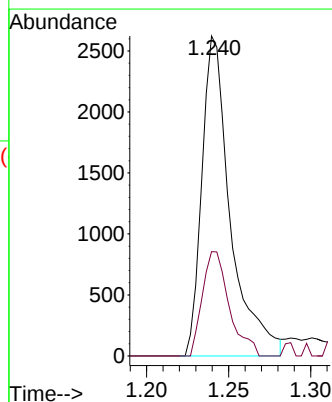
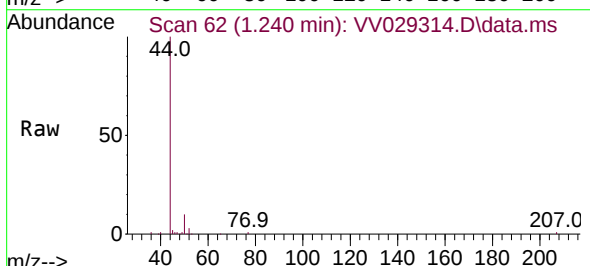


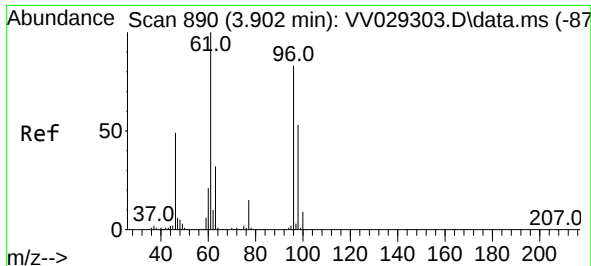
Tgt Ion: 85 Resp: 1160
 Ion Ratio Lower Upper
 85 100
 87 30.3 26.2 39.4



#3
 Chloromethane
 Concen: 0.161 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029314.D
 Acq: 23 Nov 2022 23:31

Tgt Ion: 50 Resp: 3167
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.2 43.2

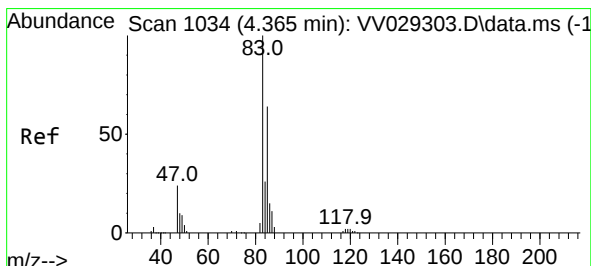
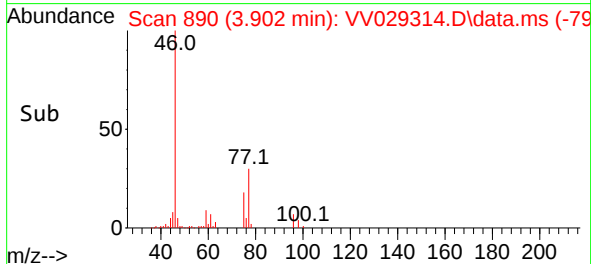
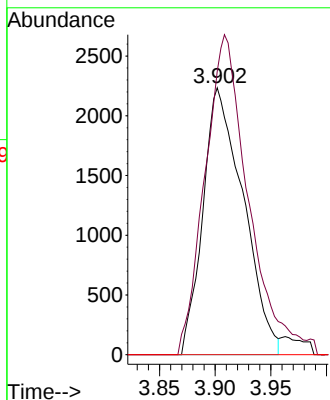
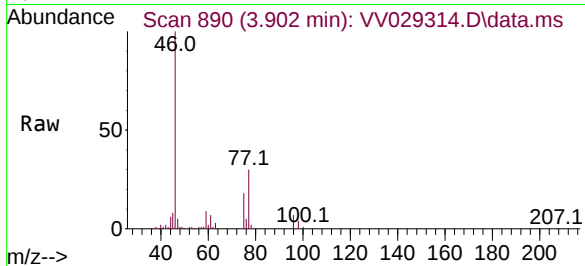




#22
 cis-1,2-Dichloroethene
 Concen: 0.290 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV029314.D
 Acq: 23 Nov 2022 23:31

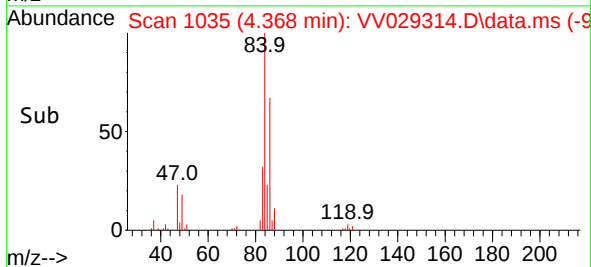
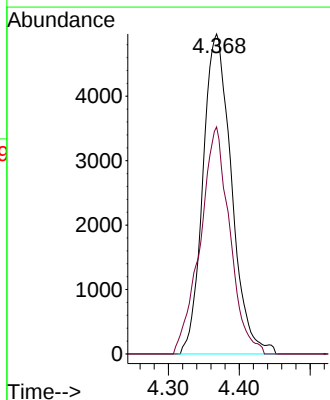
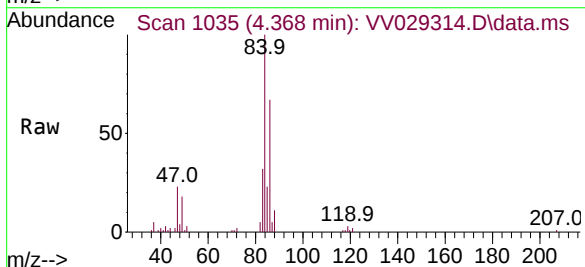
Instrument :
 MSVOA_V
 ClientSampleId :

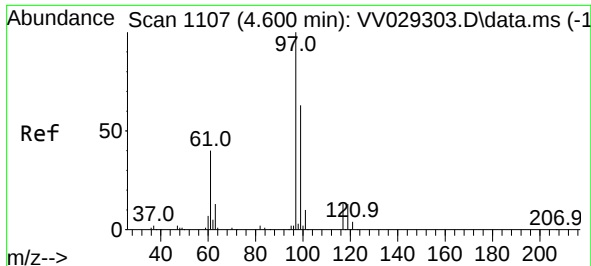
Tgt Ion: 96 Resp: 5634
 Ion Ratio Lower Upper
 96 100
 61 106.2 85.8 159.3
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.436 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VV029314.D
 Acq: 23 Nov 2022 23:31

Tgt Ion: 83 Resp: 13891
 Ion Ratio Lower Upper
 83 100
 85 71.0 45.4 84.4





#29

1,1,1-Trichloroethane

Concen: 0.047 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV029314.D

Acq: 23 Nov 2022 23:31

Instrument :

MSVOA_V

ClientSampleId :

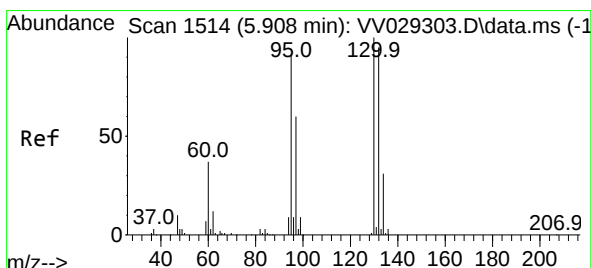
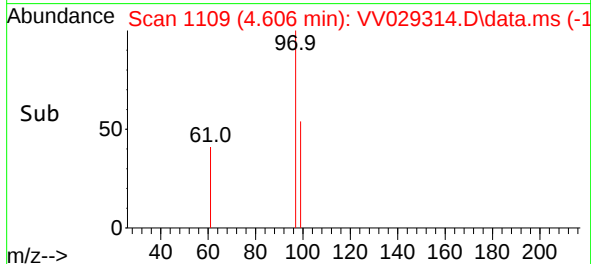
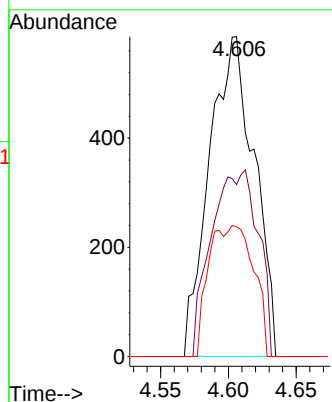
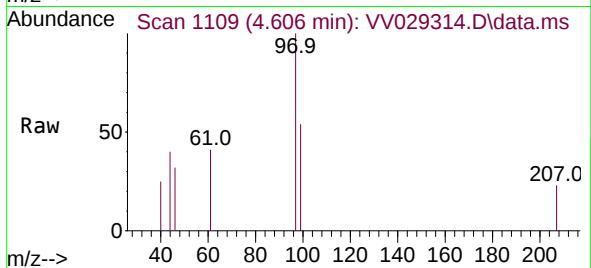
Tgt Ion: 97 Resp: 1349

Ion Ratio Lower Upper

97 100

99 60.9 51.2 76.8

61 16.1 33.3 49.9#



#34

Trichloroethene

Concen: 5.230 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VV029314.D

Acq: 23 Nov 2022 23:31

Tgt Ion: 95 Resp: 99868

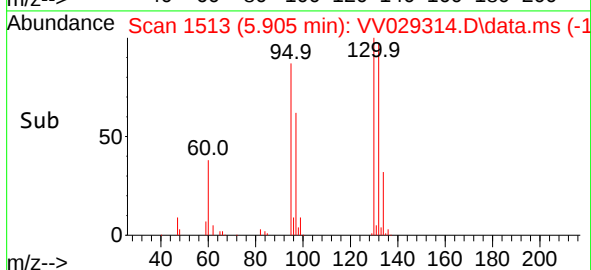
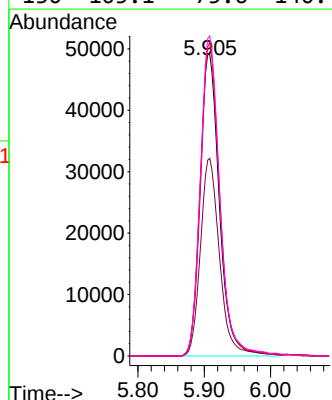
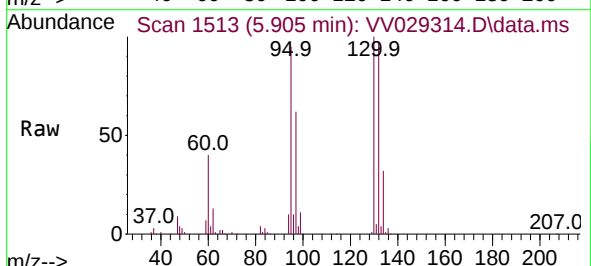
Ion Ratio Lower Upper

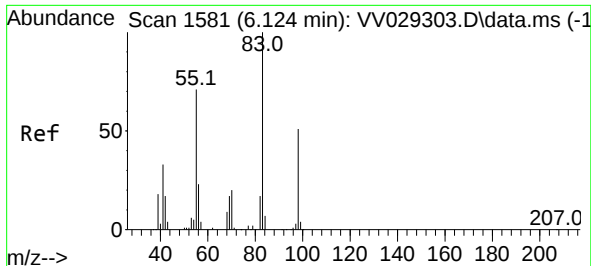
95 100

97 64.8 45.4 84.4

132 102.3 73.3 136.1

130 105.1 75.6 140.4

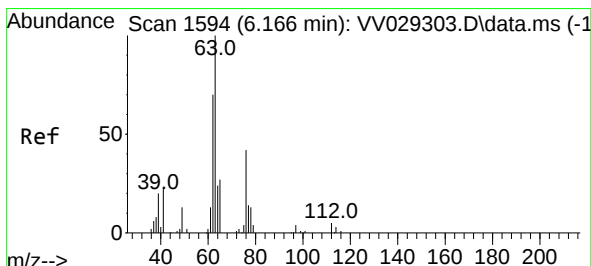
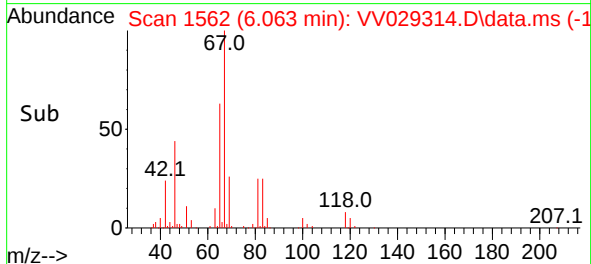
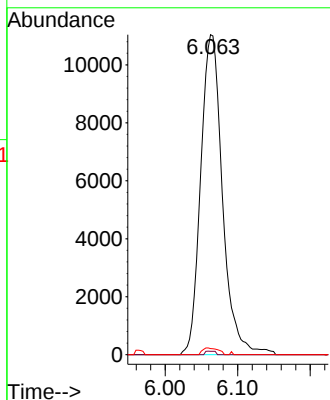
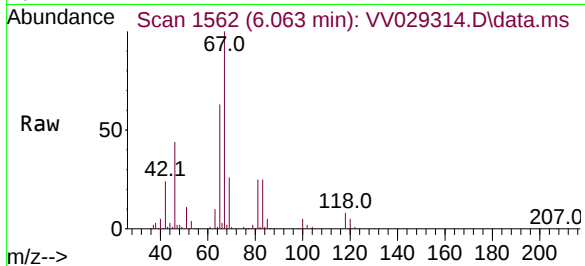




#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029314.D
Acq: 23 Nov 2022 23:31

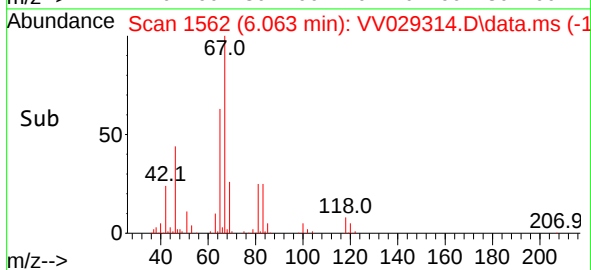
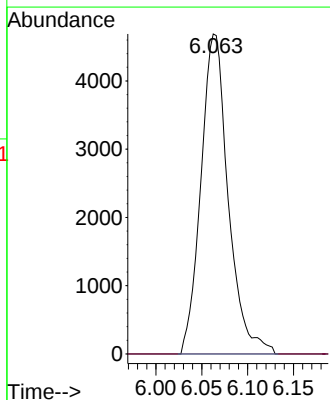
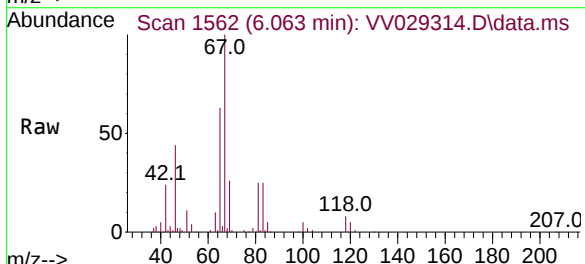
Instrument :
MSVOA_V
ClientSampleId :

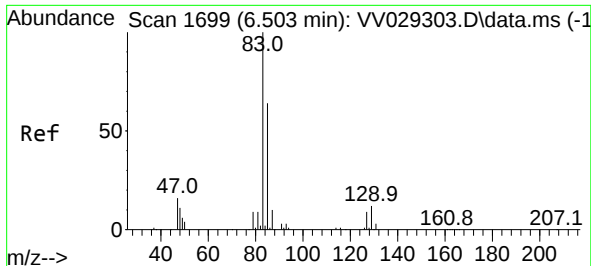
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	55.4	83.2#
98	1.5	39.4	59.2#



#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV029314.D
Acq: 23 Nov 2022 23:31

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#





#38

Bromodichloromethane

Concen: 0.049 ug/L

RT: 6.509 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029314.D

Acq: 23 Nov 2022 23:31

Instrument :

MSVOA_V

ClientSampleId :

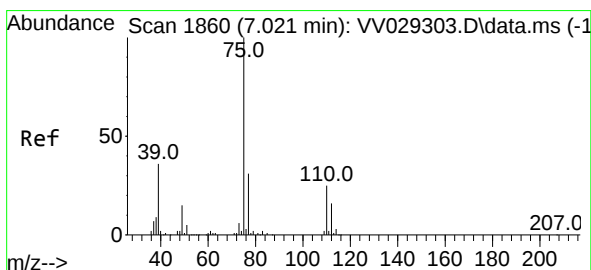
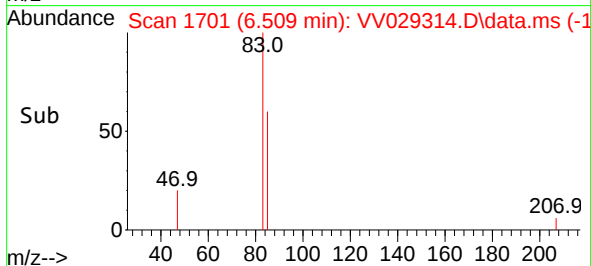
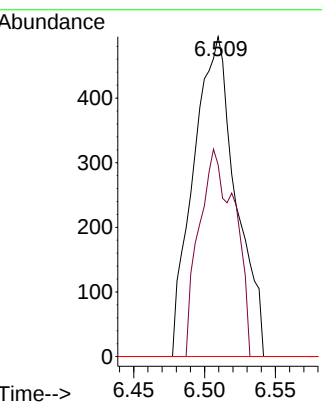
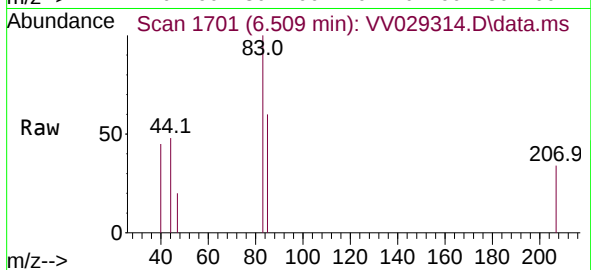
Tgt Ion: 83 Resp: 1032

Ion Ratio Lower Upper

83 100

85 60.0 44.7 83.1

127 0.0 7.4 11.2#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.042 min

Lab File: VV029314.D

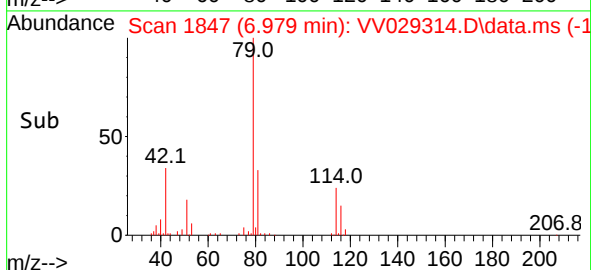
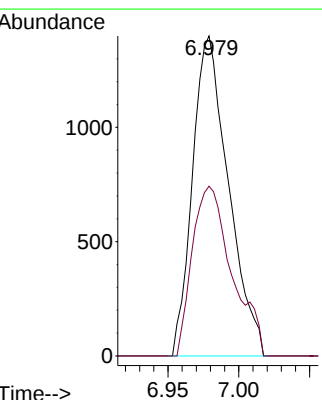
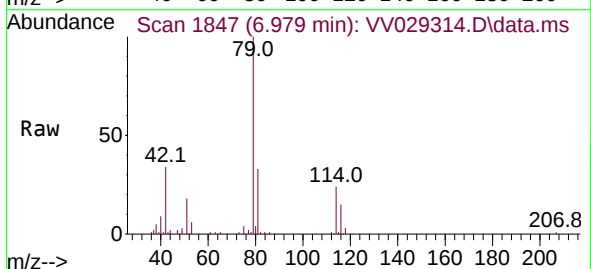
Acq: 23 Nov 2022 23:31

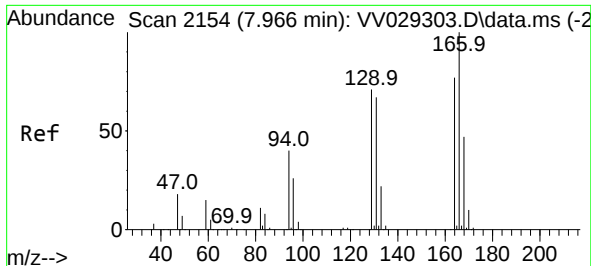
Tgt Ion: 75 Resp: 2473

Ion Ratio Lower Upper

75 100

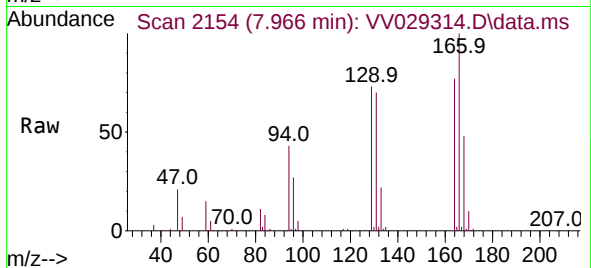
77 53.1 22.7 42.3#





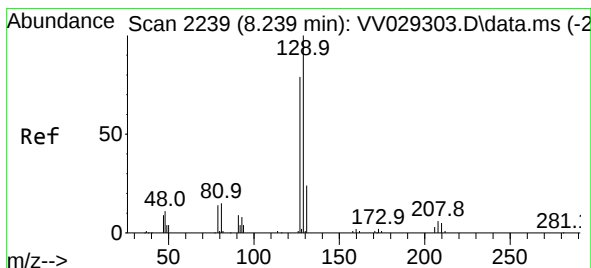
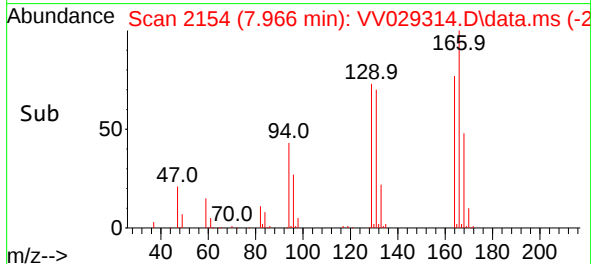
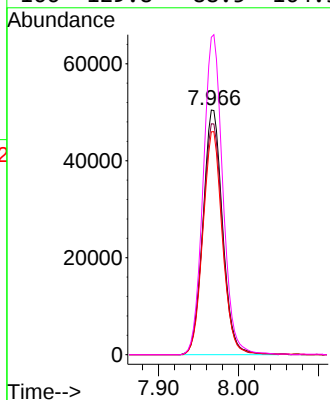
#47
Tetrachloroethene
Concen: 5.515 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029314.D
Acq: 23 Nov 2022 23:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 86324

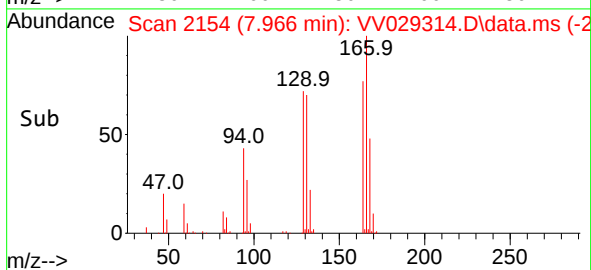
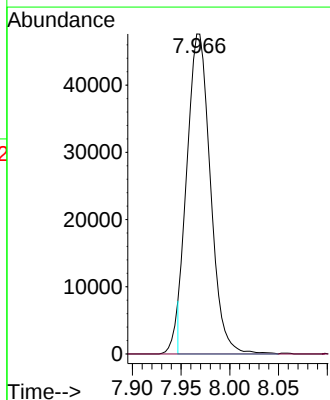
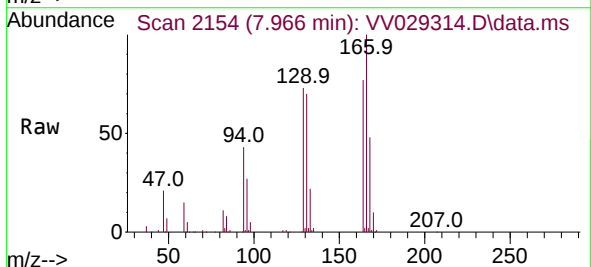
Ion	Ratio	Lower	Upper
164	100		
129	94.4	61.7	114.7
131	91.1	62.9	116.9
166	129.8	88.5	164.3

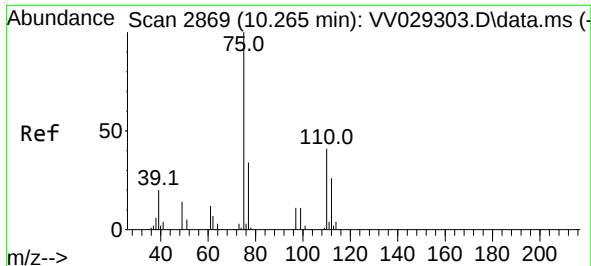


#49
Dibromochloromethane
Concen: 5.887 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.273 min
Lab File: VV029314.D
Acq: 23 Nov 2022 23:31

Tgt Ion:129 Resp: 79061

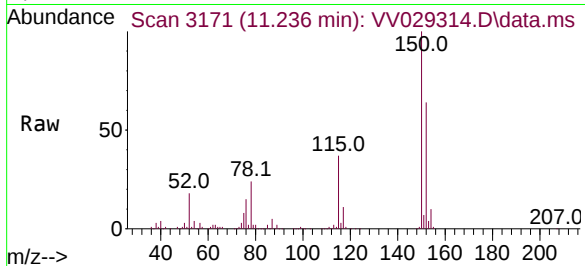
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.7#



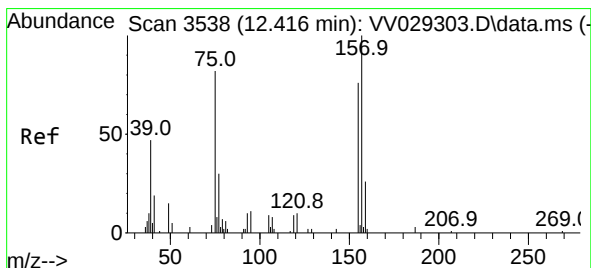
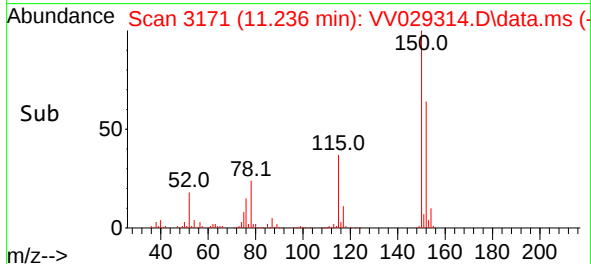
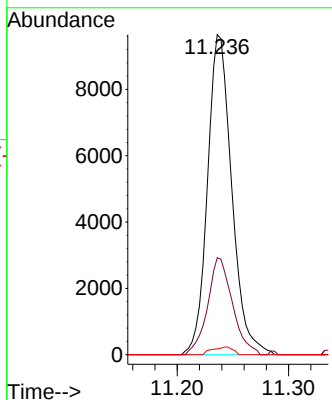


#61
1,2,3-Trichloropropane
Concen: 1.612 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.971 min
Lab File: VV029314.D
Acq: 23 Nov 2022 23:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 14617
Ion Ratio Lower Upper
75 100
77 31.0 26.7 40.1
110 2.0 32.2 48.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.224 ug/L
RT: 12.236 min Scan# 3482
Delta R.T. -0.180 min
Lab File: VV029314.D
Acq: 23 Nov 2022 23:31

Tgt Ion: 75 Resp: 398
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#

