

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052382.D
 Acq On : 13 Dec 2022 17:08
 Operator : JC/MD
 Sample : N6034-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPL1

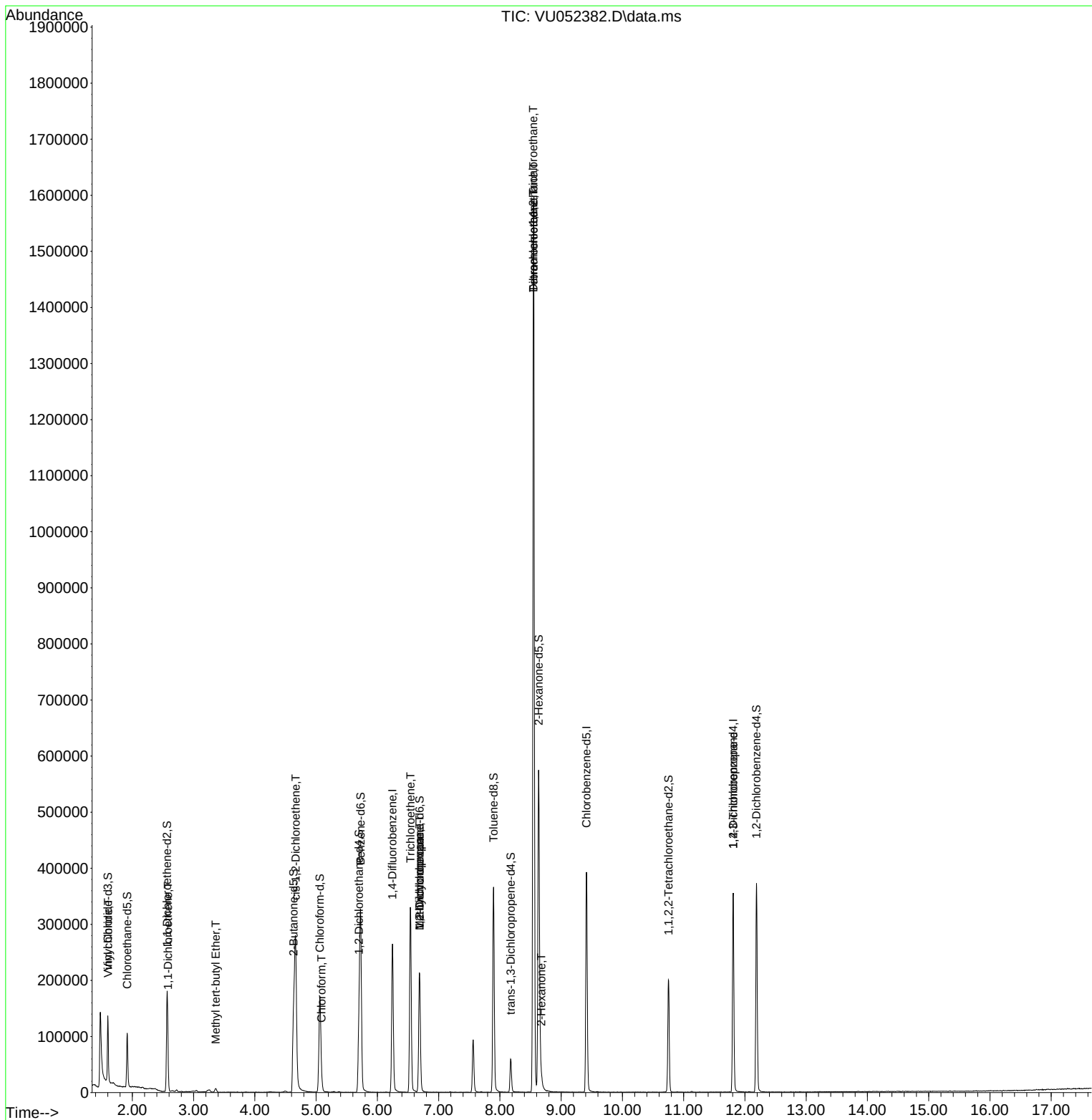
Quant Time: Dec 14 03:21:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

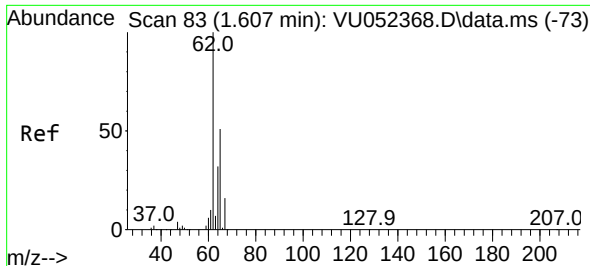
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	78075	3.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.916	69	72852	4.365	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.568	65	33043	4.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.633	46	266751	68.485	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.980%#
24) Chloroform-d	5.060	84	162118	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.700	65	86638	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.726	84	328413	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.687	67	110600	5.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.896	98	259168	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.176	79	34685	4.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.632	63	204282	62.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.940%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103664	5.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	102346	5.420	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	7230	0.301	ug/L #	1
12) 1,1-Dichloroethene	2.581	96	3927	0.245	ug/L #	1
17) Methyl tert-butyl Ether	3.362	73	4161	0.116	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	119811	6.646	ug/L	99
25) Chloroform	5.089	83	14698	0.468	ug/L	96
34) Trichloroethene	6.539	95	119285	6.428	ug/L	99
35) Methylcyclohexane	6.690	83	24800	0.929	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	11073	0.575	ug/L #	88
45) 1,1,2-Trichloroethane	8.546	97	2788	0.193	ug/L #	1
47) Tetrachloroethene	8.549	164	362287	25.472	ug/L	98
48) 2-Hexanone	8.677	43	6273	0.850	ug/L #	45
49) Dibromochloromethane	8.549	129	344981	21.277	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	11689	1.035	ug/L #	66

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

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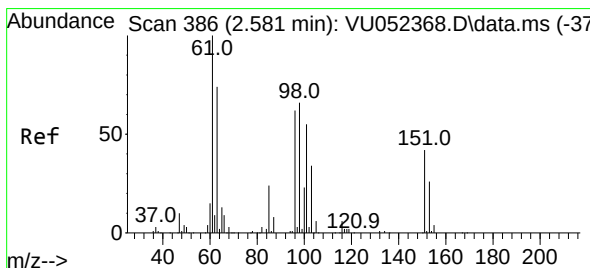
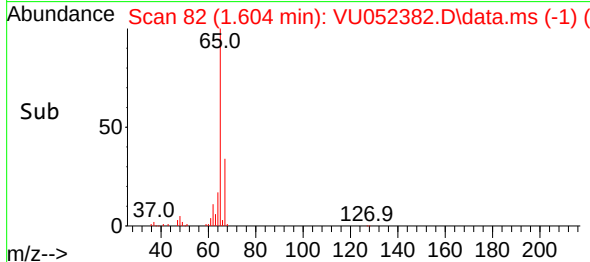
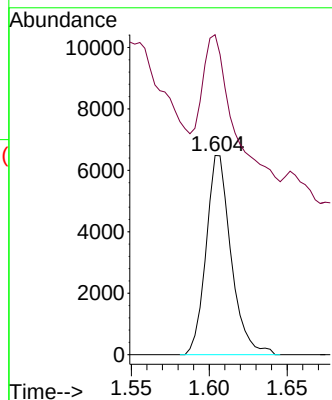
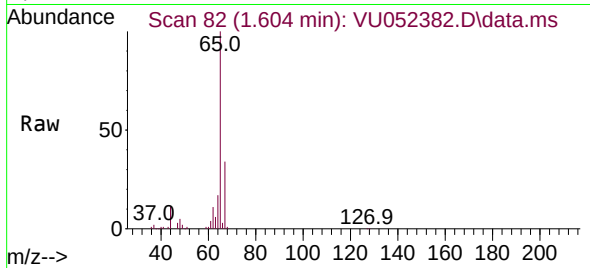




#5
 Vinyl chloride
 Concen: 0.301 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU052382.D
 Acq: 13 Dec 2022 17:08

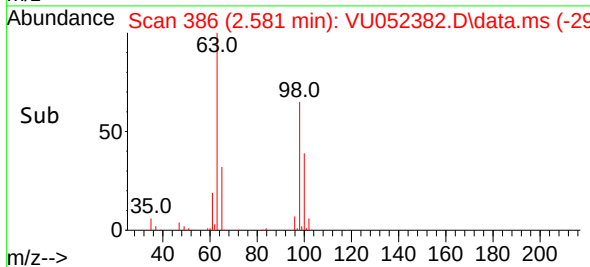
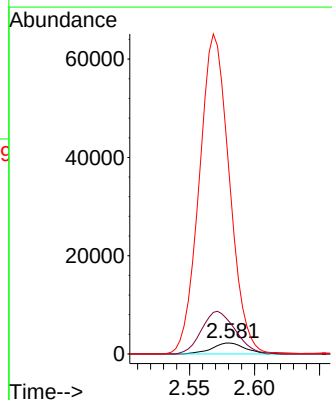
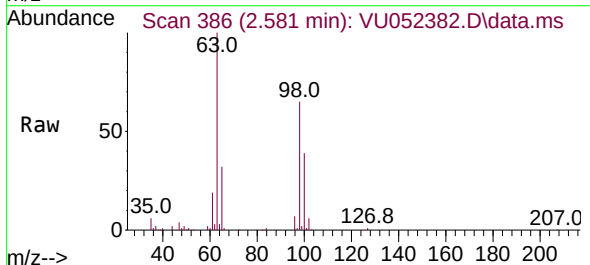
Instrument :
 MSVOA_U
 ClientSampleId :
 BGPL1

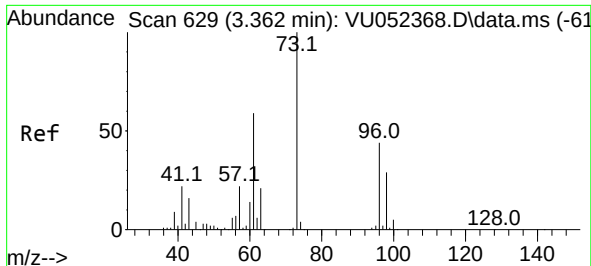
Tgt Ion: 62 Resp: 7230
 Ion Ratio Lower Upper
 62 100
 64 160.7 23.5 43.7#



#12
 1,1-Dichloroethene
 Concen: 0.245 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052382.D
 Acq: 13 Dec 2022 17:08

Tgt Ion: 96 Resp: 3927
 Ion Ratio Lower Upper
 96 100
 61 286.0 114.8 213.2#
 63 1535.6 93.7 174.1#





#17

Methyl tert-butyl Ether

Concen: 0.116 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052382.D

Acq: 13 Dec 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

BGPL1

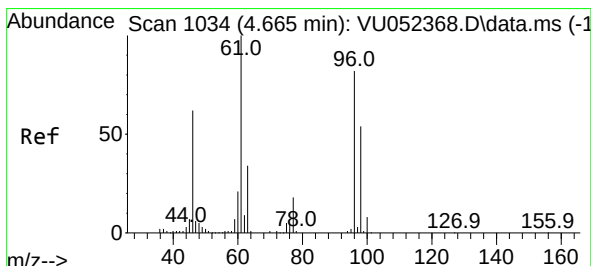
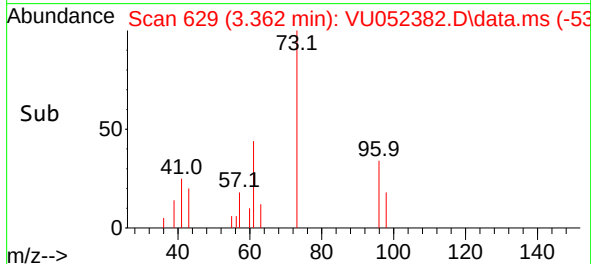
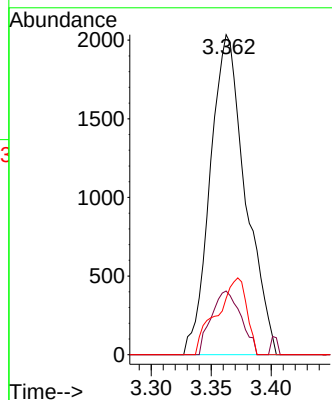
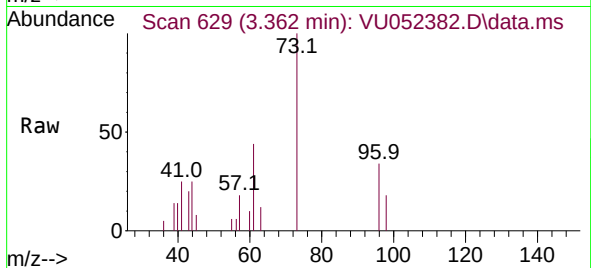
Tgt Ion: 73 Resp: 4161

Ion Ratio Lower Upper

73 100

43 16.7 13.2 19.8

57 20.3 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 6.646 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU052382.D

Acq: 13 Dec 2022 17:08

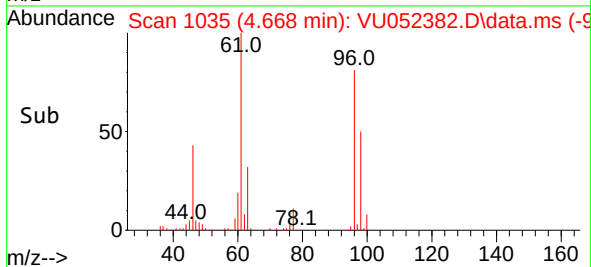
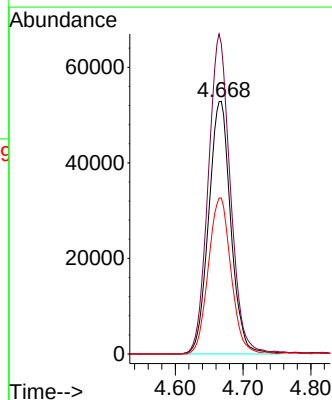
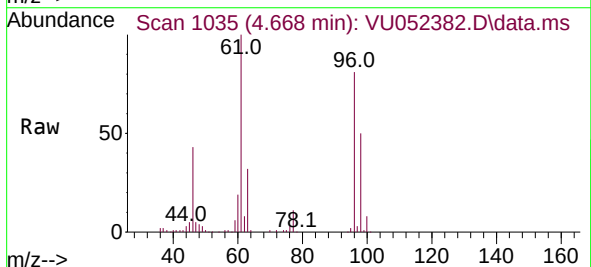
Tgt Ion: 96 Resp: 119811

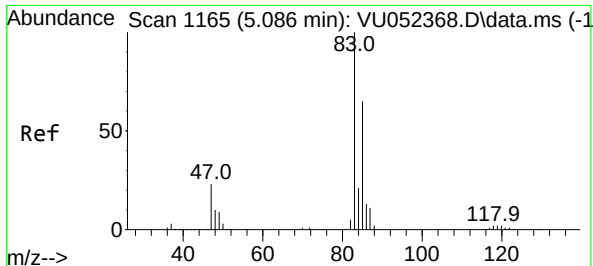
Ion Ratio Lower Upper

96 100

61 122.7 85.1 158.1

98 61.7 42.8 79.6





#25

Chloroform

Concen: 0.468 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU052382.D

Acq: 13 Dec 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

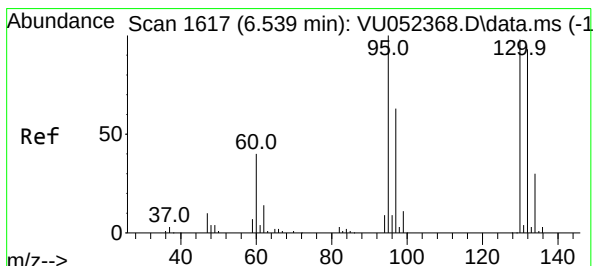
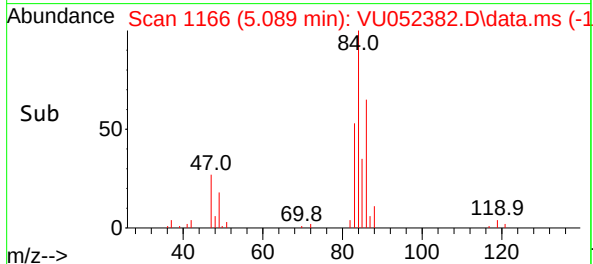
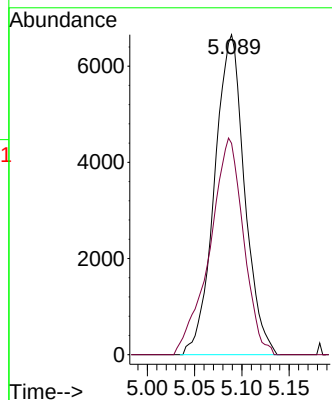
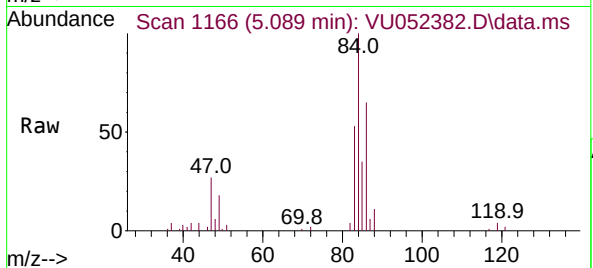
BGPL1

Tgt Ion: 83 Resp: 14698

Ion Ratio Lower Upper

83 100

85 66.1 43.8 81.4



#34

Trichloroethene

Concen: 6.428 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052382.D

Acq: 13 Dec 2022 17:08

Tgt Ion: 95 Resp: 119285

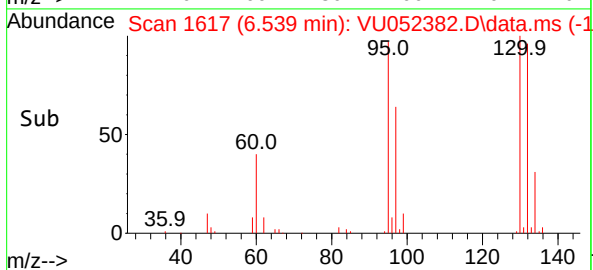
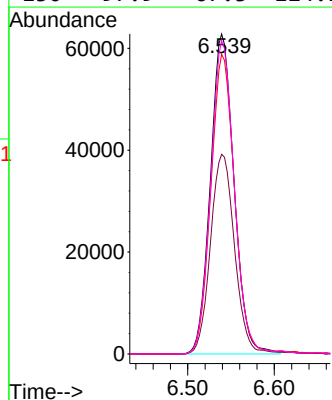
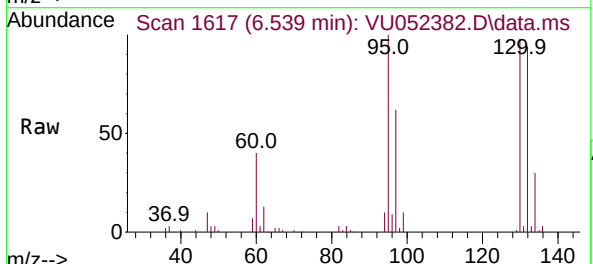
Ion Ratio Lower Upper

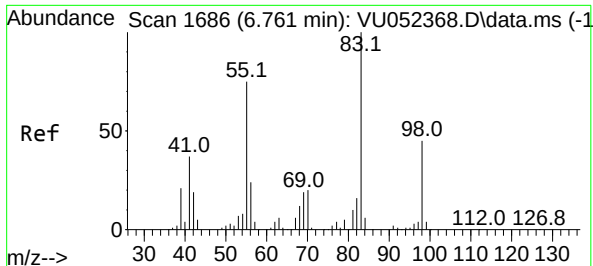
95 100

97 62.4 43.7 81.1

132 93.6 64.3 119.3

130 97.9 67.3 124.9

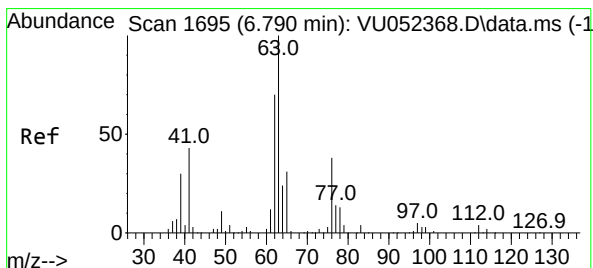
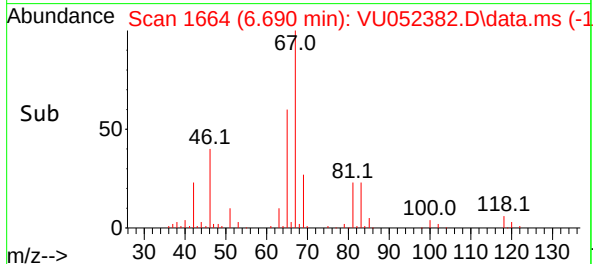
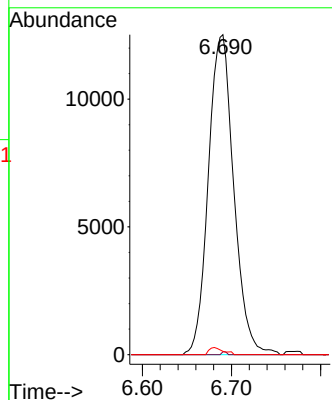
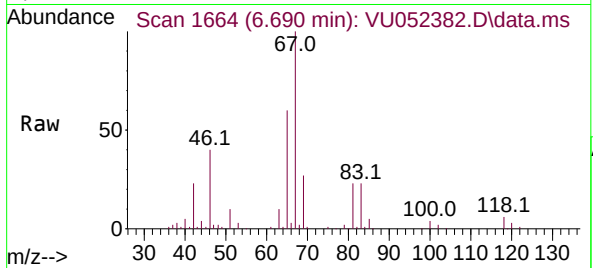




#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052382.D
Acq: 13 Dec 2022 17:08

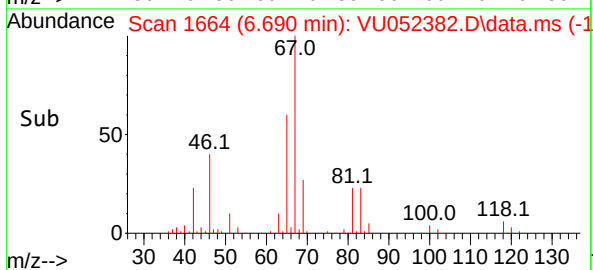
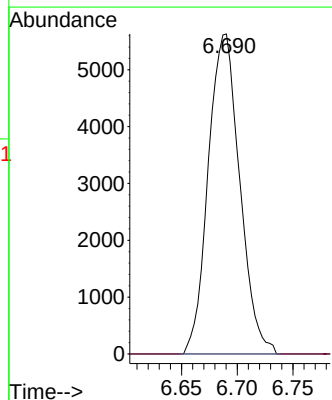
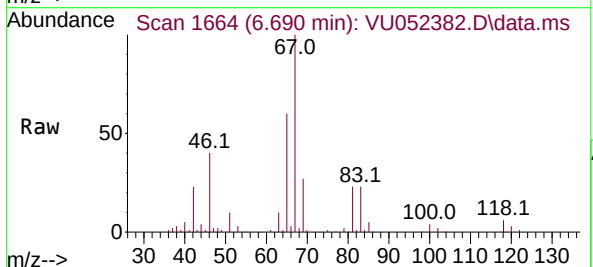
Instrument :
MSVOA_U
ClientSampleId :
BGPL1

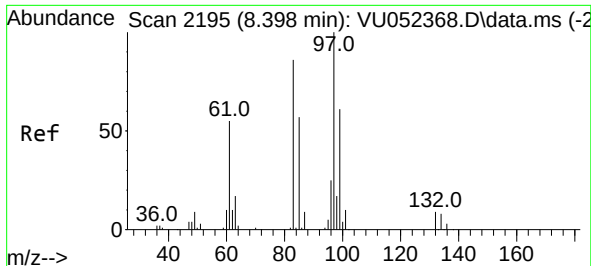
Tgt Ion: 83 Resp: 24800
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 1.2 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052382.D
Acq: 13 Dec 2022 17:08

Tgt Ion: 63 Resp: 11073
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



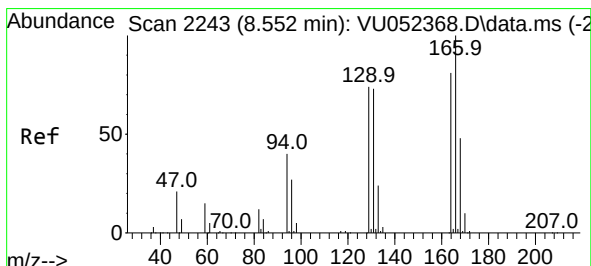
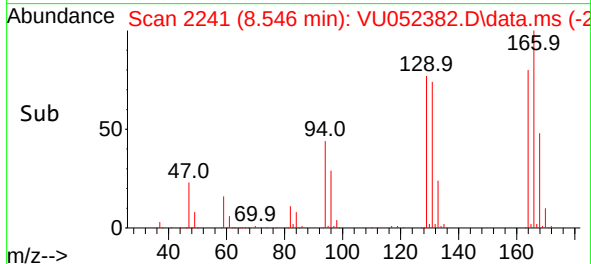
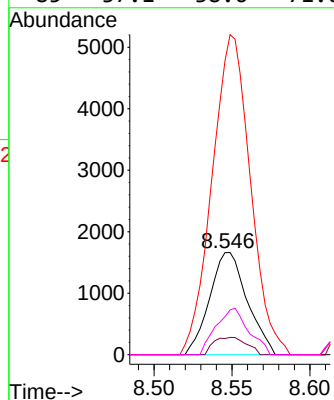
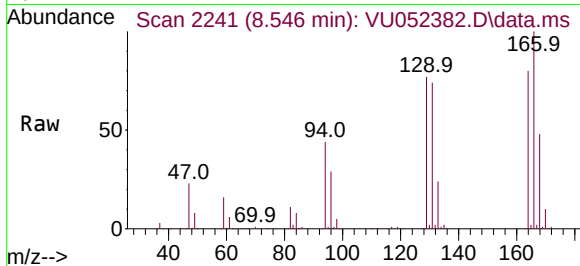


#45
1,1,2-Trichloroethane
Concen: 0.193 ug/L
RT: 8.546 min Scan# 2195
Delta R.T. 0.148 min
Lab File: VU052382.D
Acq: 13 Dec 2022 17:08

Instrument :
MSVOA_U
ClientSampleId :
BGPL1

Tgt Ion: 97 Resp: 2788

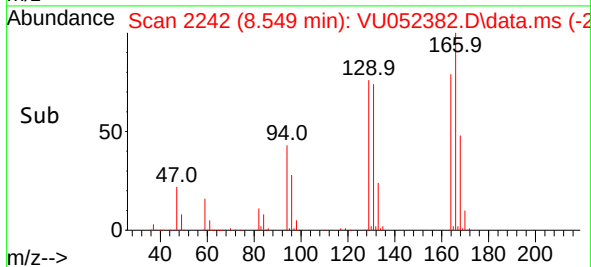
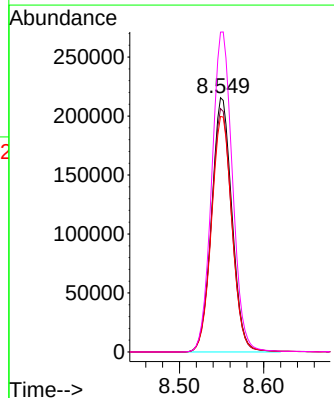
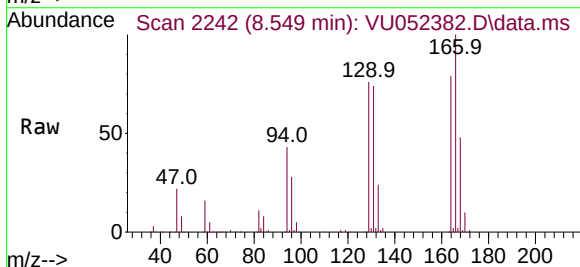
Ion	Ratio	Lower	Upper
97	100		
99	15.9	42.6	79.2#
83	287.8	60.7	112.7#
85	37.1	38.6	71.6#

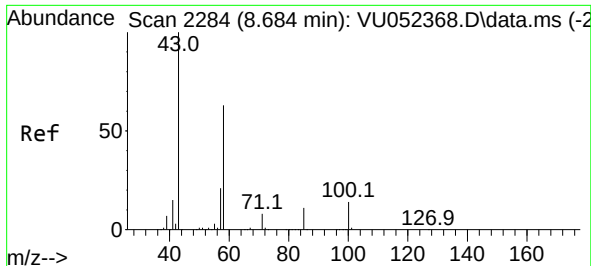


#47
Tetrachloroethene
Concen: 25.472 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052382.D
Acq: 13 Dec 2022 17:08

Tgt Ion: 164 Resp: 362287

Ion	Ratio	Lower	Upper
164	100		
129	95.7	67.4	125.2
131	92.6	67.1	124.7
166	125.8	89.7	166.5

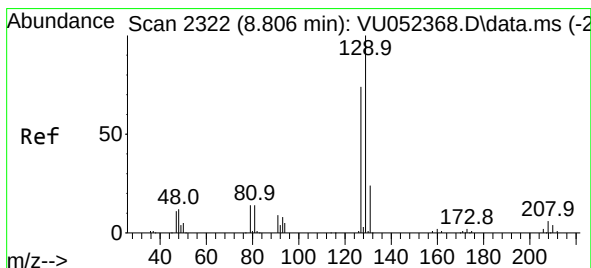
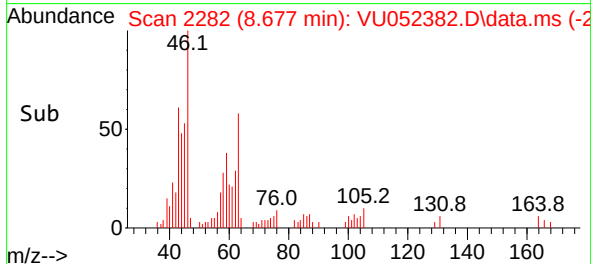
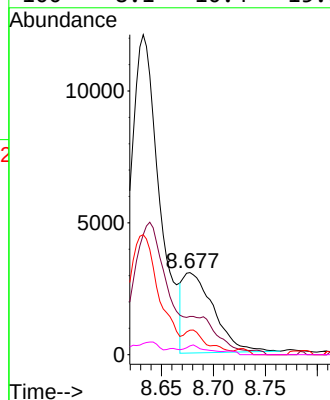
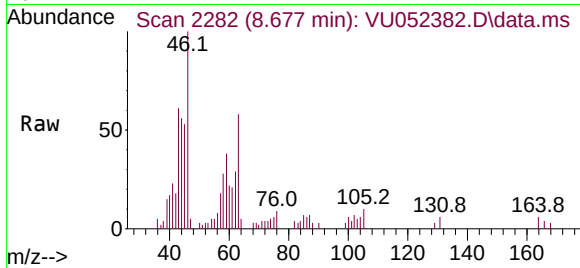




#48
2-Hexanone
Concen: 0.850 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU052382.D
Acq: 13 Dec 2022 17:08

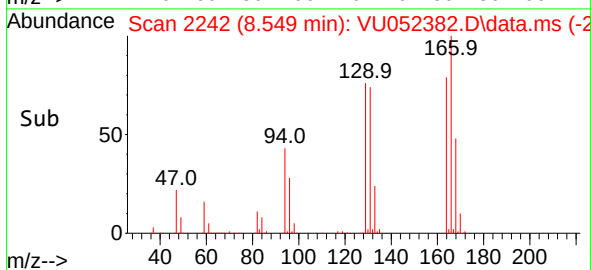
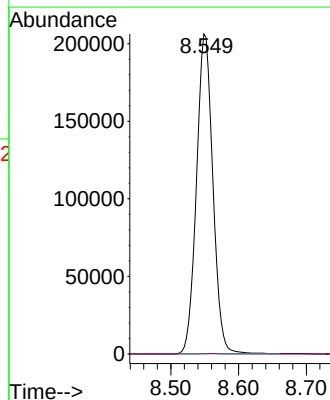
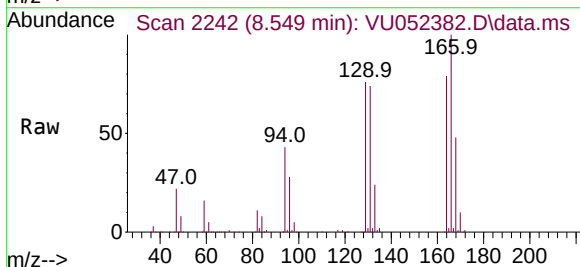
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ClientSampleId :
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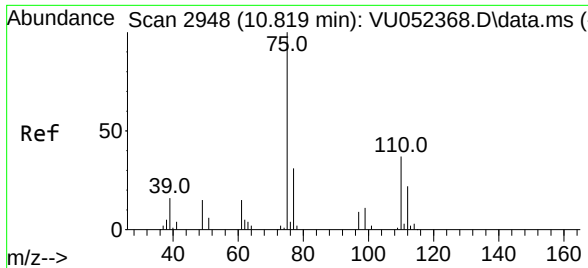
Tgt Ion: 43	Resp: 6273
Ion Ratio	Lower Upper
43 100	
58 0.0	49.4 74.0#
57 22.0	16.3 24.5
100 8.1	10.4 15.6#



#49
Dibromochloromethane
Concen: 21.277 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052382.D
Acq: 13 Dec 2022 17:08

Tgt Ion:129	Resp: 344981		
Ion Ratio	Lower	Upper	
129 100			
127 0.1	52.8	98.2#	





#61
 1,2,3-Trichloropropane
 Concen: 1.035 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052382.D
 Acq: 13 Dec 2022 17:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPL1

Tgt Ion:	75	Resp:	11689
Ion	Ratio	Lower	Upper
75	100		
110	2.2	28.3	42.5#
77	27.4	26.2	39.2

