

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
 Data File : VV029019.D
 Acq On : 16 Nov 2022 16:03
 Operator : SY/MD
 Sample : N5620-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCA7

Quant Time: Nov 17 02:54:03 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)

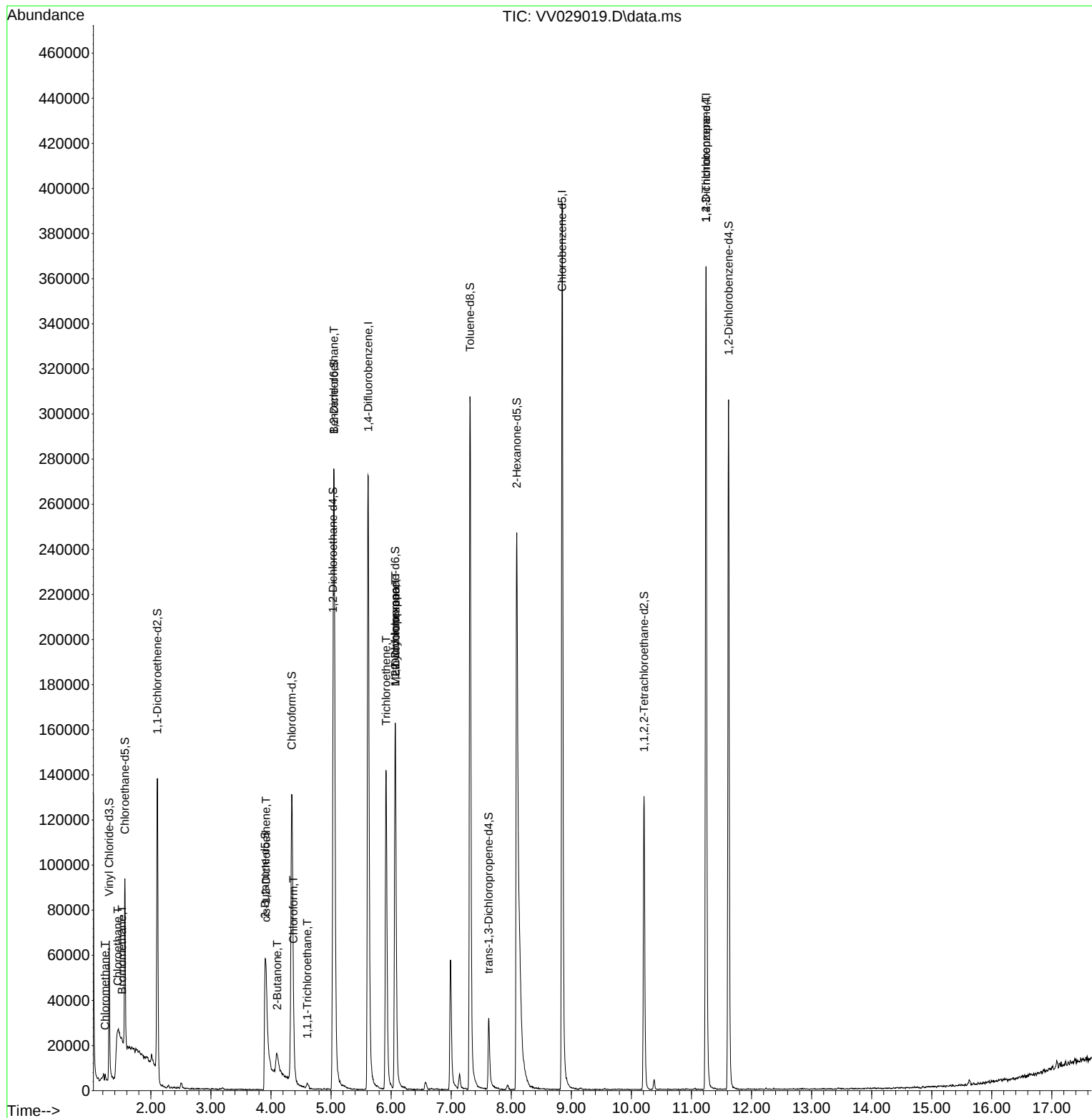
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	266414	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	242762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	109041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42561	2.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.400%
7) Chloroethane-d5	1.568	69	47987	3.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.200%
11) 1,1-Dichloroethene-d2	2.108	63	63917	2.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.200%#
20) 2-Butanone-d5	3.902	46	98727	36.312	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.620%
24) Chloroform-d	4.346	84	140194	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.034	65	66277	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.050	84	271801	3.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.069	67	86165	4.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.314	98	225966	3.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	7.625	79	23294	3.530	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.092	63	136702	48.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	68096	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	87428	4.482	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1852	0.100	ug/L	96
6) Bromomethane	1.520	94	651	0.052	ug/L	78
8) Chloroethane	1.449	64	31245	2.529	ug/L #	53
21) 2-Butanone	4.101	43	21709	8.017	ug/L #	52
22) cis-1,2-Dichloroethene	3.918	96	12198	0.641	ug/L	86
25) Chloroform	4.375	83	4586	0.143	ug/L	84
27) 1,2-Dichloroethane	5.050	62	1481	0.090	ug/L #	70
29) 1,1,1-Trichloroethane	4.606	97	1995	0.070	ug/L #	81
34) Trichloroethene	5.915	95	52817	2.781	ug/L	96
35) Methylcyclohexane	6.072	83	21571	0.646	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	8957	0.524	ug/L #	85
61) 1,2,3-Trichloropropane	11.243	75	11304	1.517	ug/L #	64

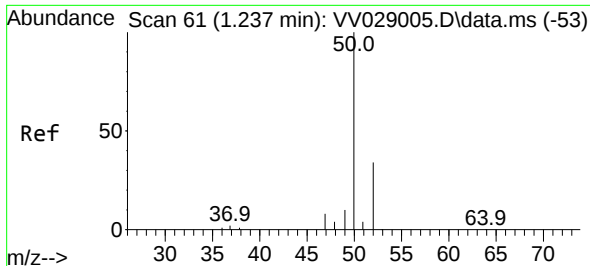
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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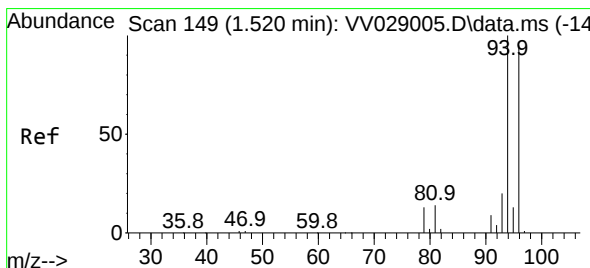
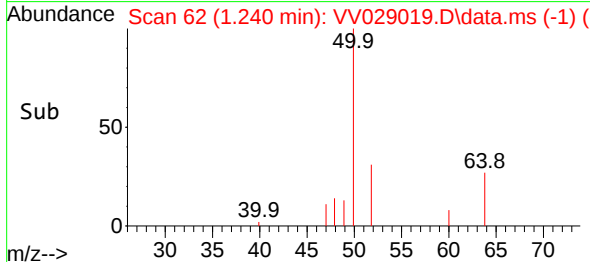
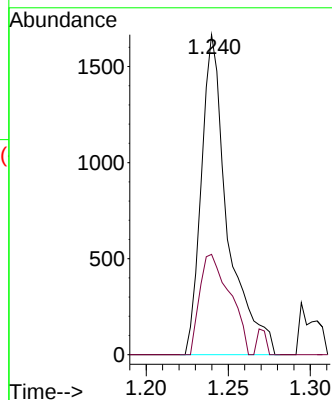
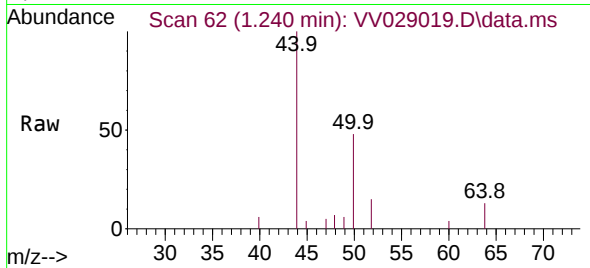




#3
Chloromethane
Concen: 0.100 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029019.D
Acq: 16 Nov 2022 16:03

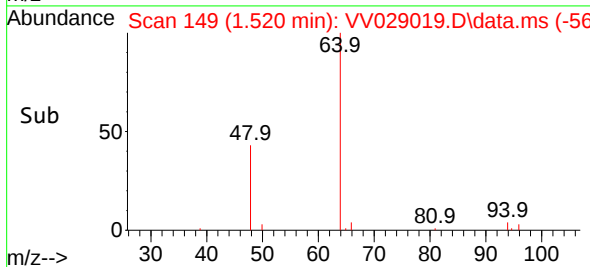
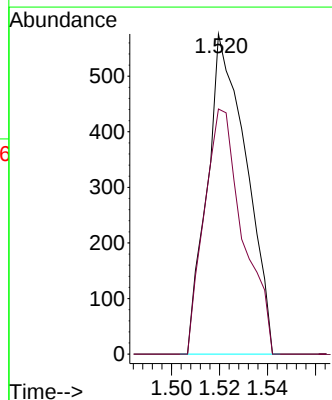
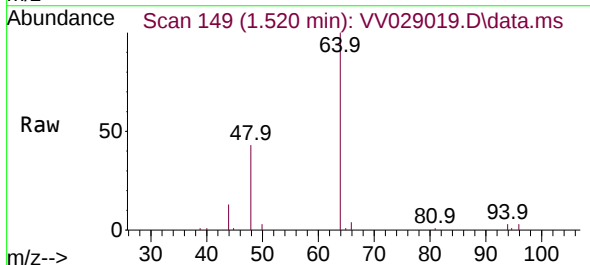
Instrument :
MSVOA_V
ClientSampleId :
BGCA7

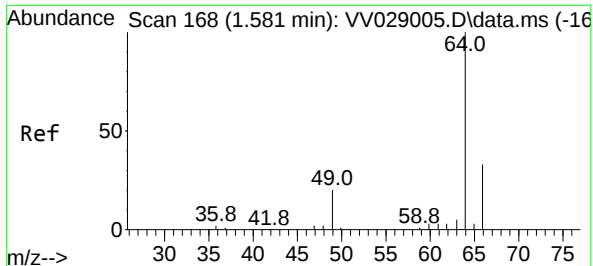
Tgt Ion: 50 Resp: 1852
Ion Ratio Lower Upper
50 100
52 31.3 23.7 43.9



#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV029019.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 94 Resp: 651
Ion Ratio Lower Upper
94 100
96 76.6 68.5 127.3

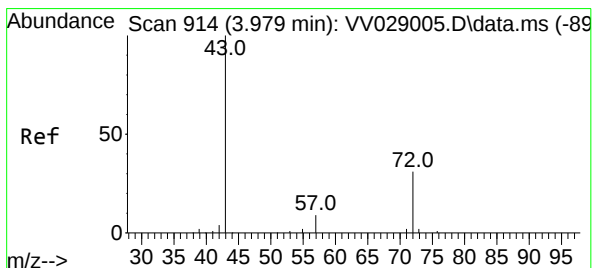
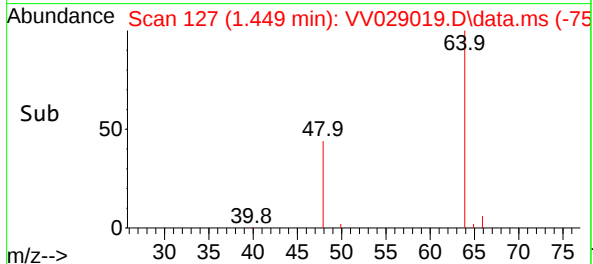
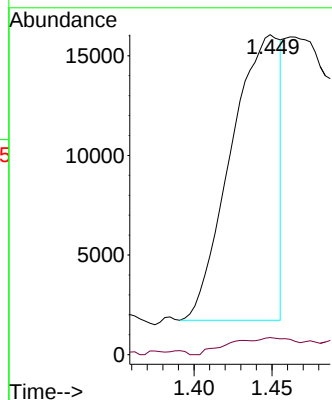
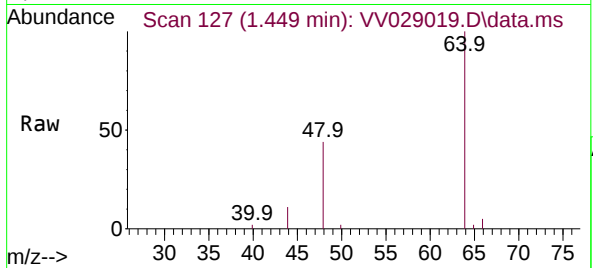




#8
Chloroethane
Concen: 2.529 ug/L
RT: 1.449 min Scan# 11
Delta R.T. -0.132 min
Lab File: VV029019.D
Acq: 16 Nov 2022 16:03

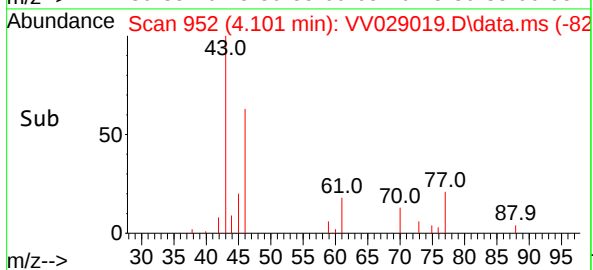
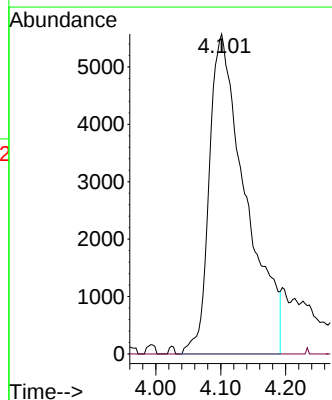
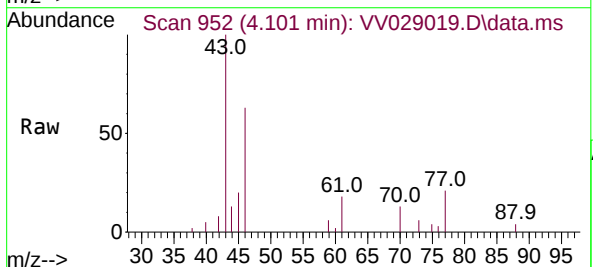
Instrument :
MSVOA_V
ClientSampleId :
BGCA7

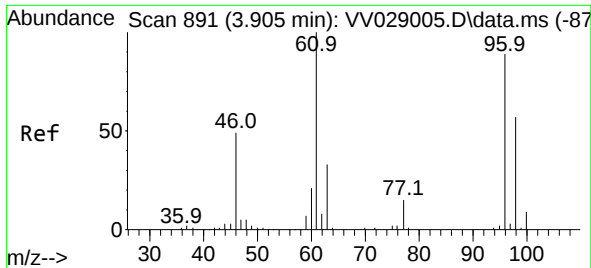
Tgt Ion: 64 Resp: 31245
Ion Ratio Lower Upper
64 100
66 5.3 22.0 40.8#



#21
2-Butanone
Concen: 8.017 ug/L
RT: 4.101 min Scan# 952
Delta R.T. 0.122 min
Lab File: VV029019.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 43 Resp: 21709
Ion Ratio Lower Upper
43 100
72 0.1 11.9 35.9#

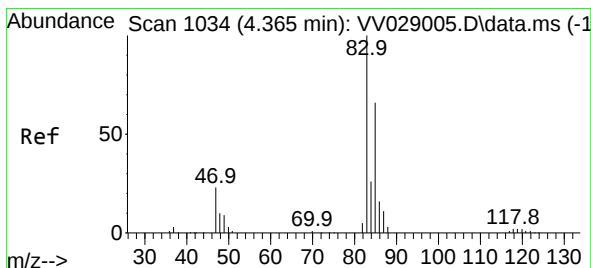
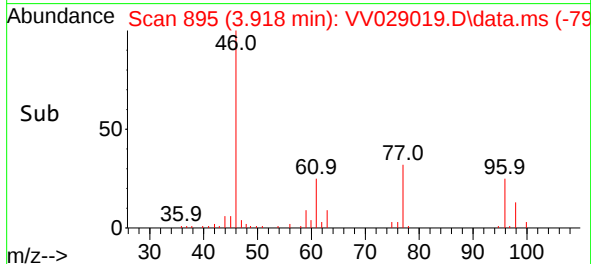
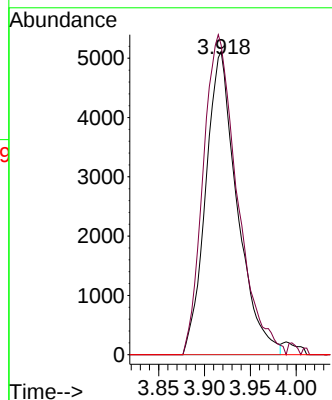
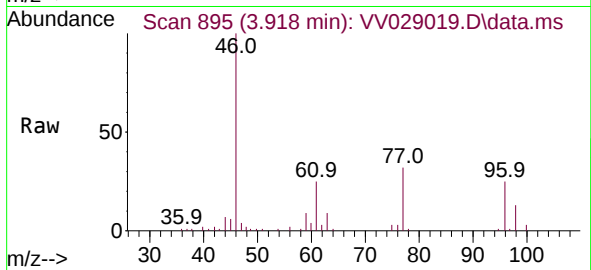




#22
 cis-1,2-Dichloroethene
 Concen: 0.641 ug/L
 RT: 3.918 min Scan# 891
 Delta R.T. 0.013 min
 Lab File: VV029019.D
 Acq: 16 Nov 2022 16:03

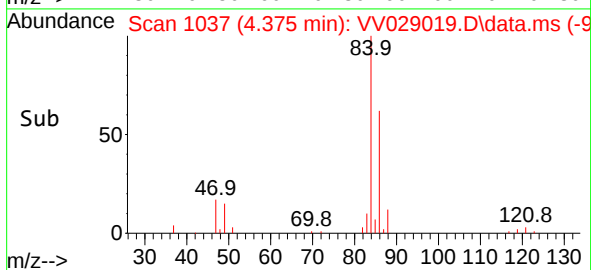
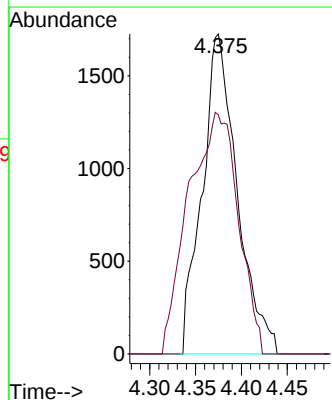
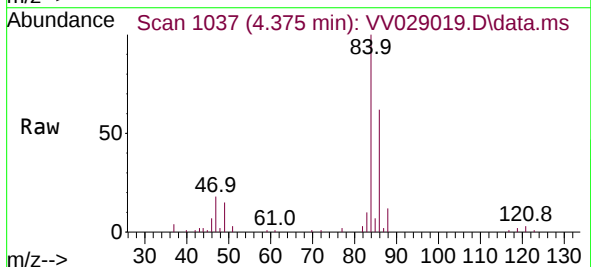
Instrument :
 MSVOA_V
 ClientSampleId :
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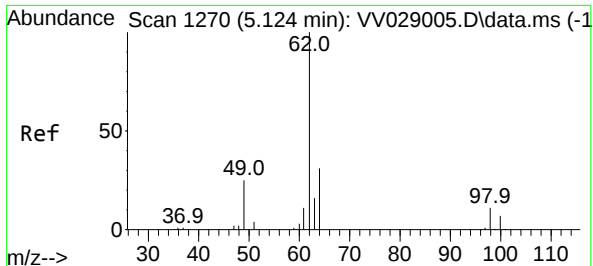
Tgt Ion: 96 Resp: 12198
 Ion Ratio Lower Upper
 96 100
 61 102.1 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.143 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.010 min
 Lab File: VV029019.D
 Acq: 16 Nov 2022 16:03

Tgt Ion: 83 Resp: 4586
 Ion Ratio Lower Upper
 83 100
 85 74.7 43.7 81.1





#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.050 min Scan# 1109

Delta R.T. -0.074 min

Lab File: VV029019.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

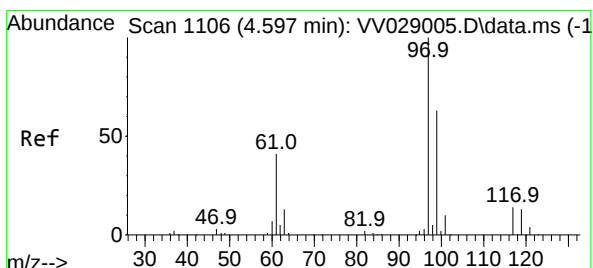
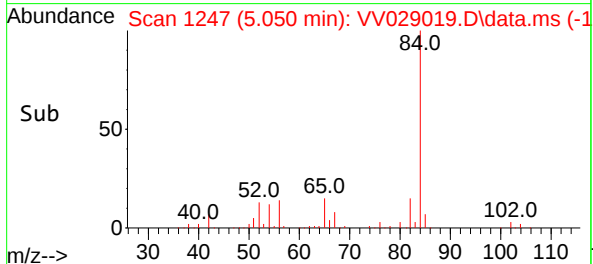
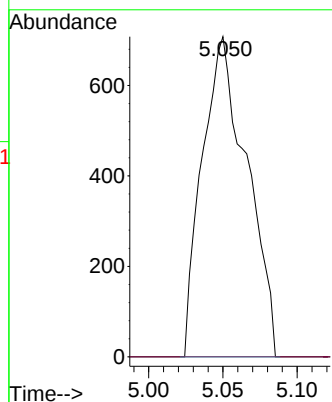
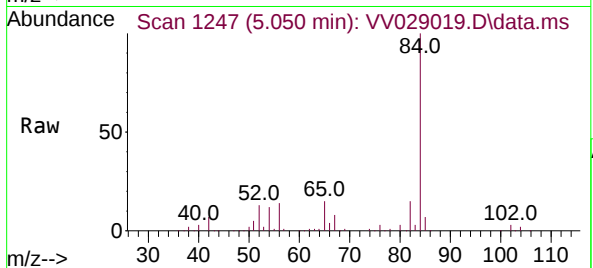
BGCA7

Tgt Ion: 62 Resp: 1481

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#29

1,1,1-Trichloroethane

Concen: 0.070 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.010 min

Lab File: VV029019.D

Acq: 16 Nov 2022 16:03

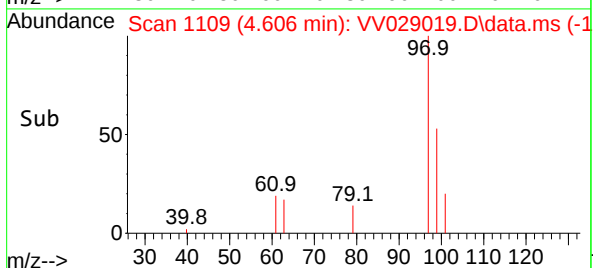
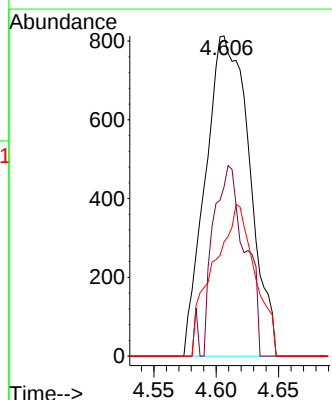
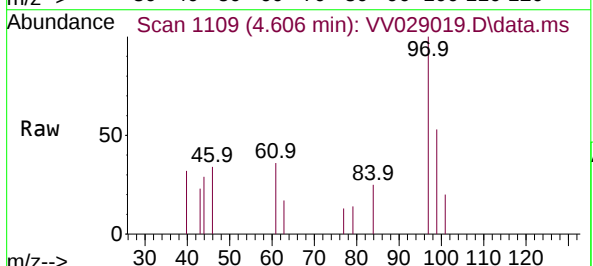
Tgt Ion: 97 Resp: 1995

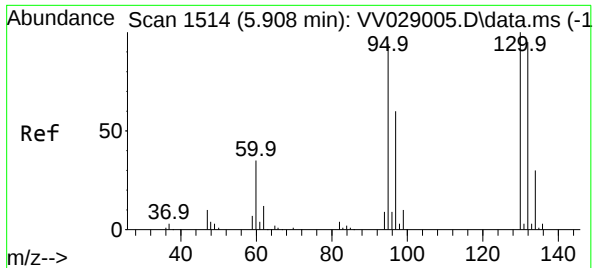
Ion Ratio Lower Upper

97 100

99 42.7 52.7 79.1#

61 44.9 33.8 50.6



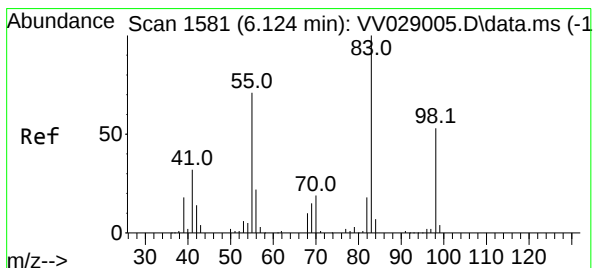
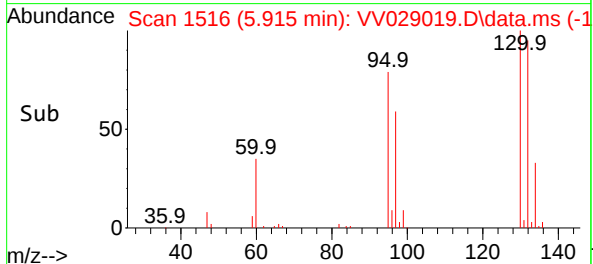
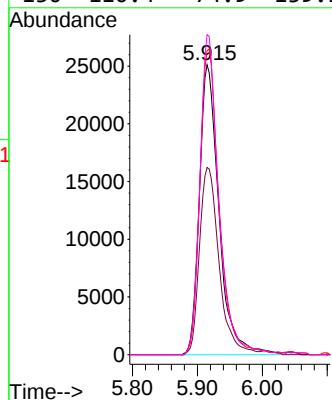
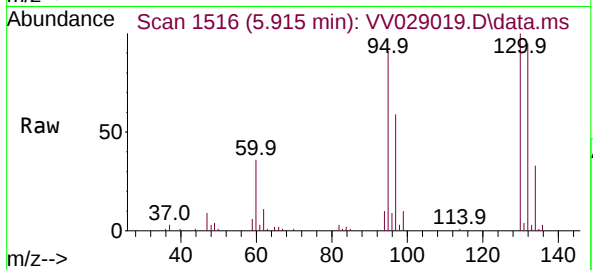


#34
Trichloroethene
Concen: 2.781 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029019.D
Acq: 16 Nov 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 95 Resp: 52817

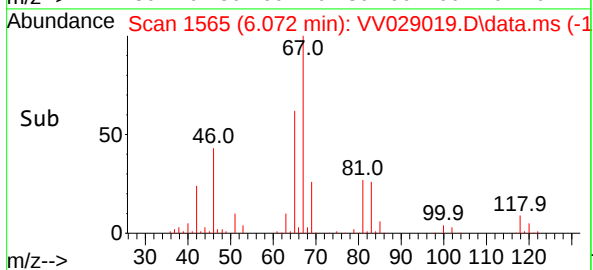
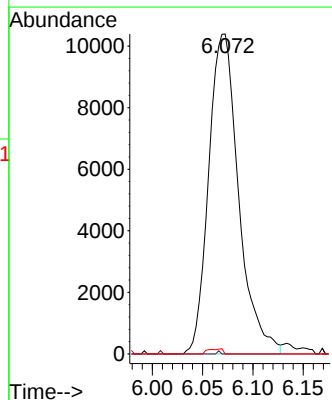
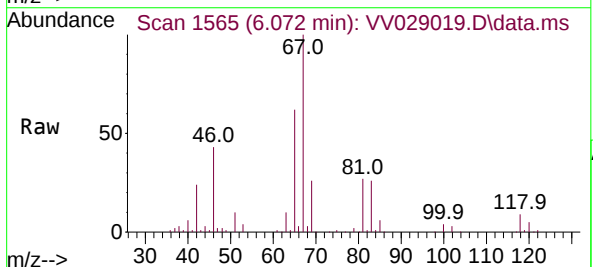
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.8
132	104.9	69.1	128.3
130	110.4	74.9	139.1

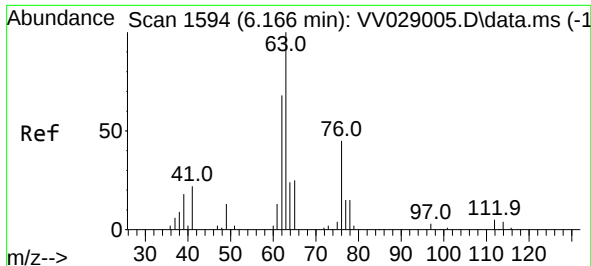


#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV029019.D
Acq: 16 Nov 2022 16:03

Tgt Ion: 83 Resp: 21571

Ion	Ratio	Lower	Upper
83	100		
55	0.1	55.8	83.6#
98	0.8	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.524 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.093 min

Lab File: VV029019.D

Acq: 16 Nov 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

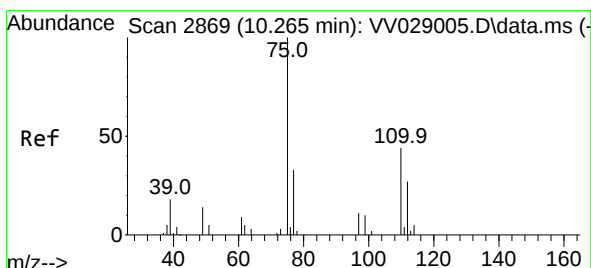
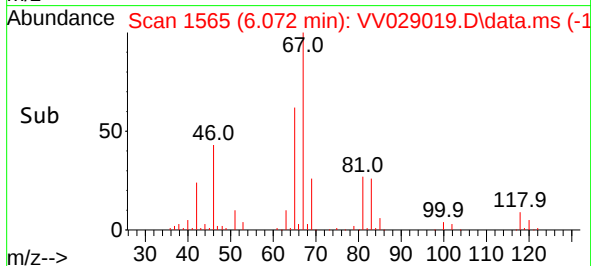
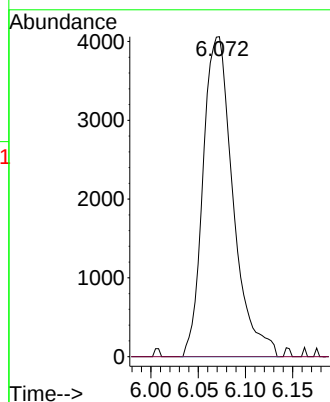
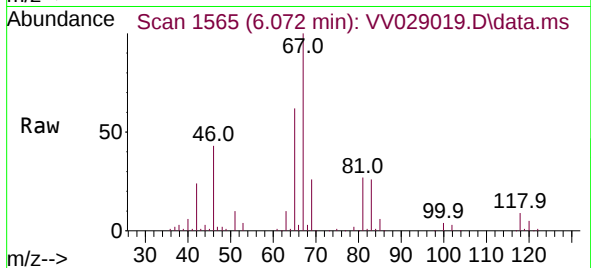
BGCA7

Tgt Ion: 63 Resp: 8957

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.517 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV029019.D

Acq: 16 Nov 2022 16:03

Tgt Ion: 75 Resp: 11304

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.2

110 1.6 32.6 48.8#

