

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029877.D
 Acq On : 16 Jan 2023 15:20
 Operator : SY/MD
 Sample : 01136-03 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB6

Quant Time: Jan 17 00:38:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

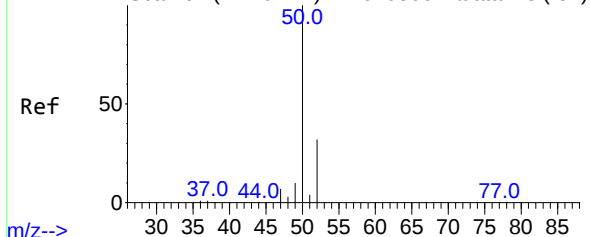
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	195237	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	188325	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	98224	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	48632	3.284	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.564	69	49854	4.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.101	63	71444	2.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.000%#
20) 2-Butanone-d5	3.886	46	118295	45.070	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.140%
24) Chloroform-d	4.336	84	117741	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.024	65	52972	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.040	84	235232	4.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.063	67	73983	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.307	98	202197	3.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.616	79	21907	3.669	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.085	63	107886	44.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.760%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	56483	4.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	79963	4.478	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%

Target Compounds				Qvalue		
3) Chloromethane	1.237	50	742	0.039	ug/L	91
5) Vinyl chloride	1.307	62	1923	0.103	ug/L #	56
8) Chloroethane	1.584	64	14826	1.303	ug/L #	71
13) Acetone	2.175	43	8161	4.356	ug/L	95
14) Carbon disulfide	2.291	76	3396	0.071	ug/L #	92
16) Methylene chloride	2.500	84	45938	2.218	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	1734	0.112	ug/L	95
19) 1,1-Dichloroethane	3.182	63	39498	1.524	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	657	0.040	ug/L	71
25) Chloroform	4.368	83	6699	0.238	ug/L	97
27) 1,2-Dichloroethane	5.047	62	1098	0.080	ug/L #	71
35) Methylcyclohexane	6.063	83	17614	0.661	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	7834	0.537	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1418	0.073	ug/L #	49
61) 1,2,3-Trichloropropane	11.236	75	10405	1.431	ug/L #	66

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

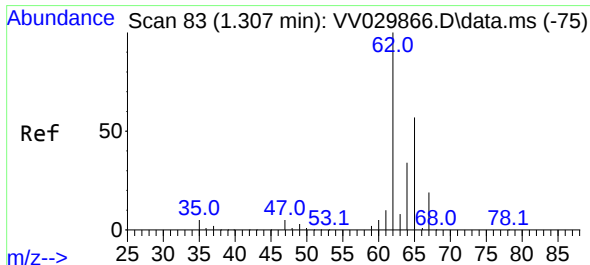
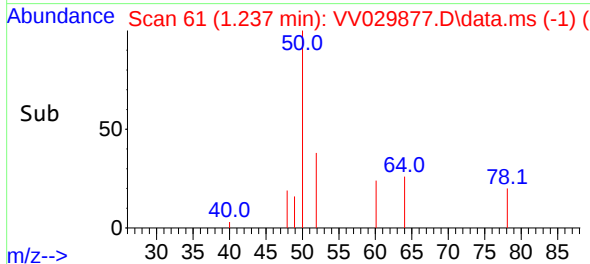
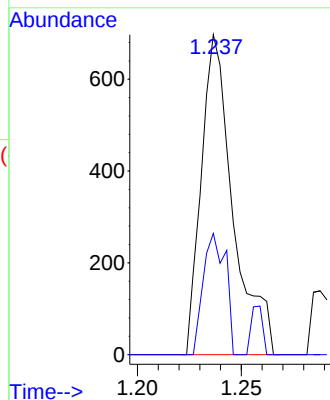
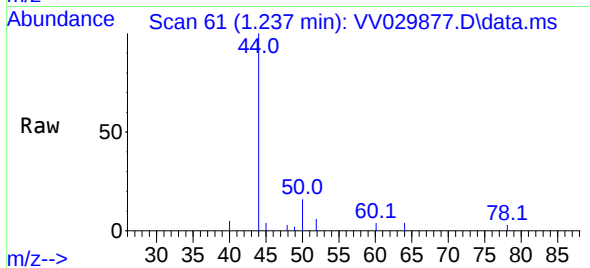
Abundance Scan 62 (1.240 min): VV029866.D\data.ms (-54)



#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

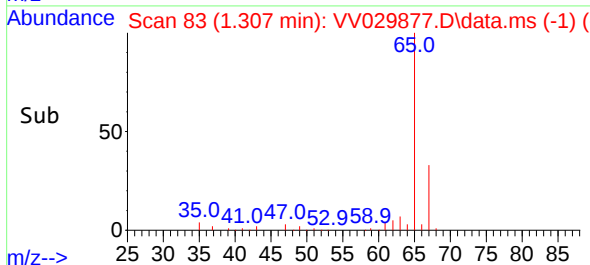
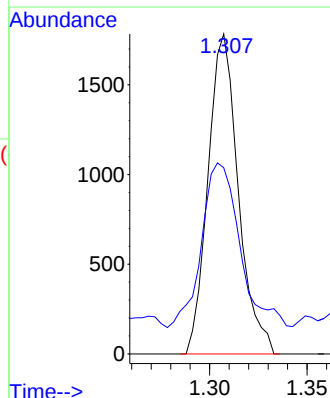
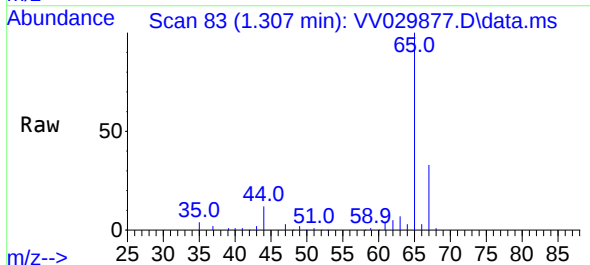
Instrument :
MSVOA_V
ClientSampleId :
BGJB6

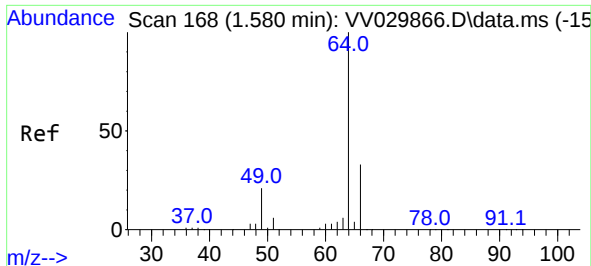
Tgt Ion: 50 Resp: 742
Ion Ratio Lower Upper
50 100
52 37.9 23.1 42.9



#5
Vinyl chloride
Concen: 0.103 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

Tgt Ion: 62 Resp: 1923
Ion Ratio Lower Upper
62 100
64 58.2 23.2 43.2#

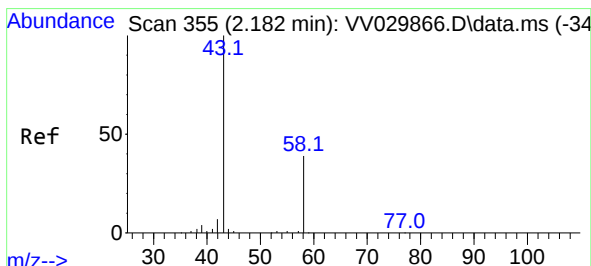
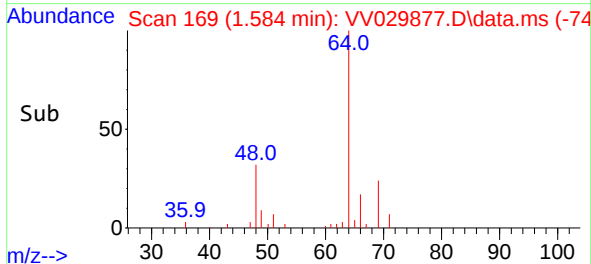
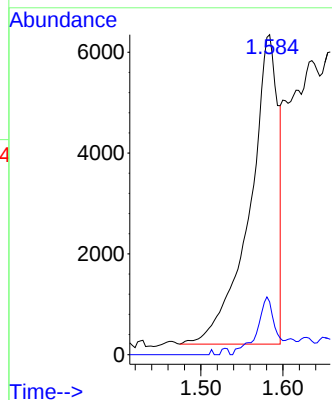
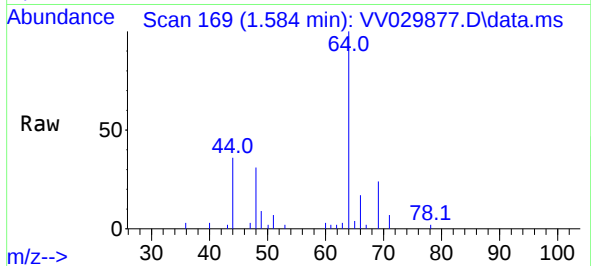




#8
Chloroethane
Concen: 1.303 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

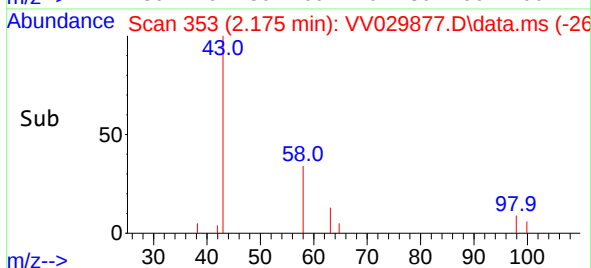
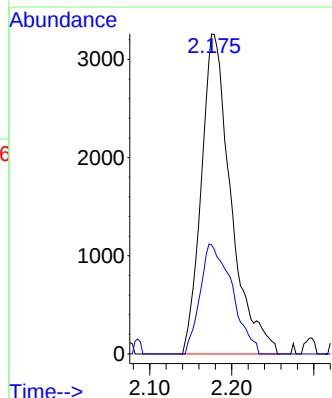
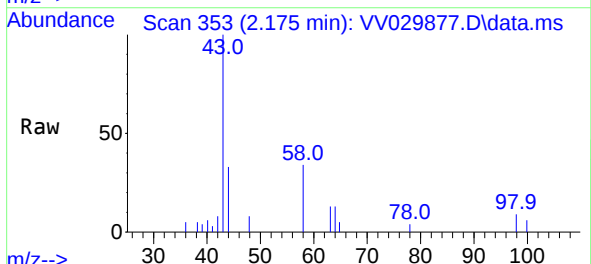
Instrument :
MSVOA_V
ClientSampleId :
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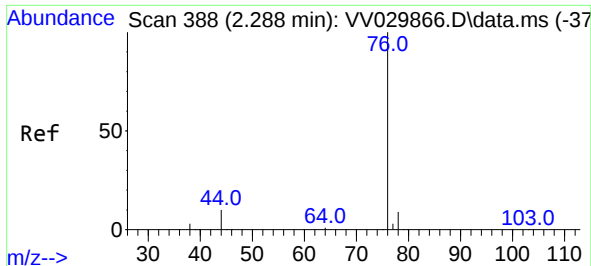
Tgt Ion: 64 Resp: 14826
Ion Ratio Lower Upper
64 100
66 16.5 22.9 42.5#



#13
Acetone
Concen: 4.356 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.023 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

Tgt Ion: 43 Resp: 8161
Ion Ratio Lower Upper
43 100
58 37.1 0.0 68.8

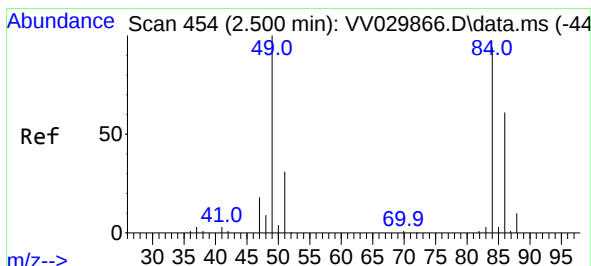
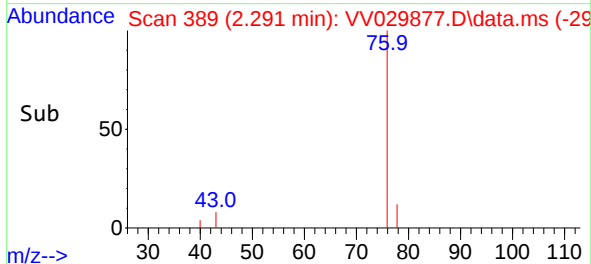
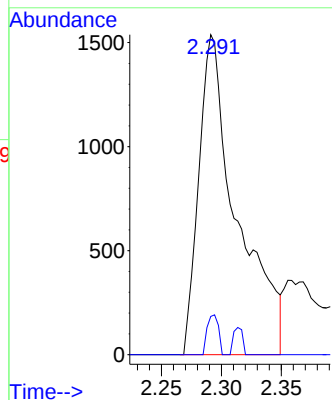
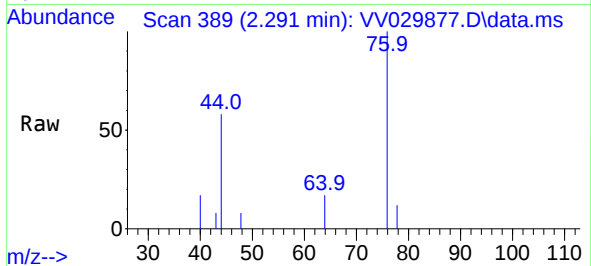




#14
Carbon disulfide
Concen: 0.071 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

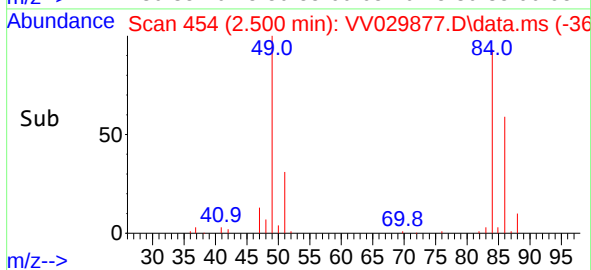
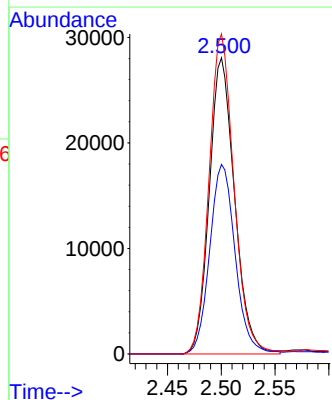
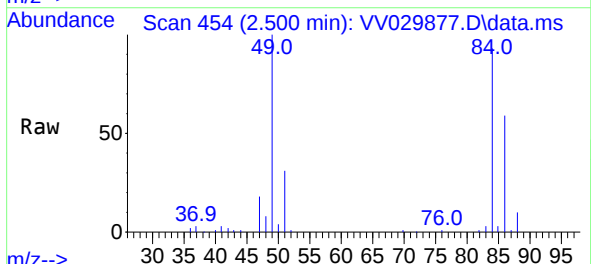
Instrument :
MSVOA_V
ClientSampleId :
BGJB6

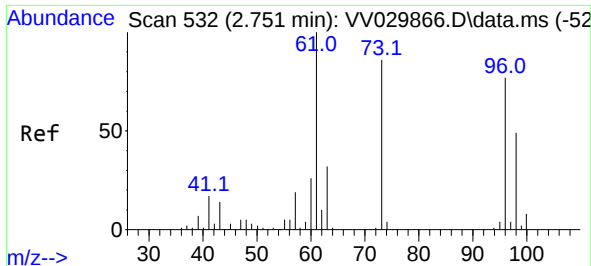
Tgt Ion: 76 Resp: 3396
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.0#



#16
Methylene chloride
Concen: 2.218 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

Tgt Ion: 84 Resp: 45938
Ion Ratio Lower Upper
84 100
86 64.0 45.0 83.6
49 108.0 71.5 132.7

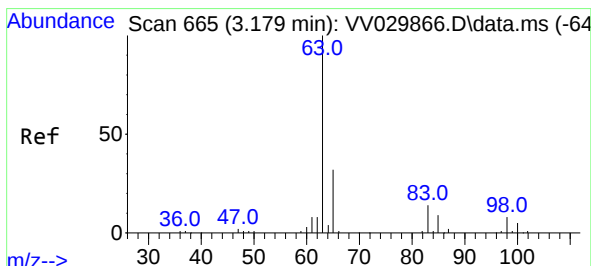
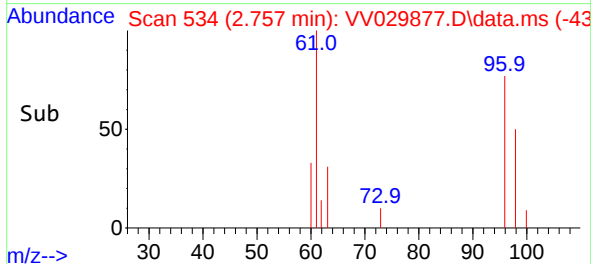
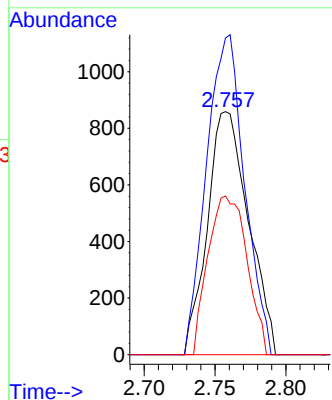
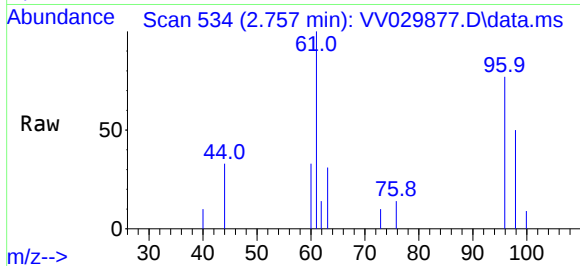




#18
trans-1,2-Dichloroethene
Concen: 0.112 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.006 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

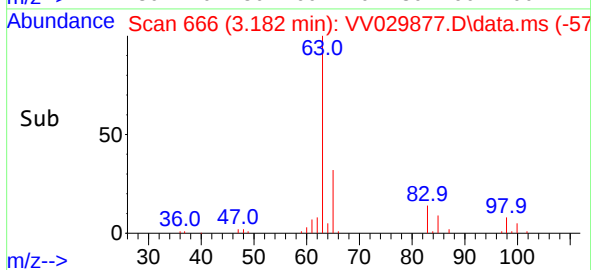
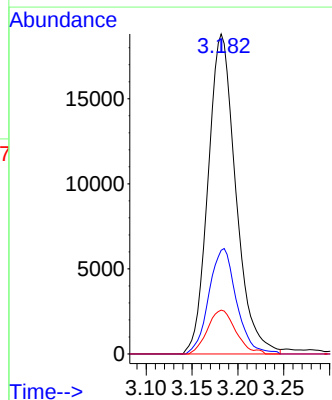
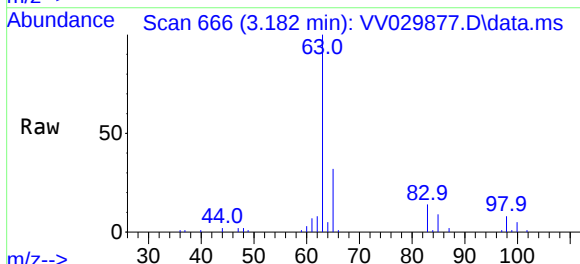
Instrument :
MSVOA_V
ClientSampleId :
BGJB6

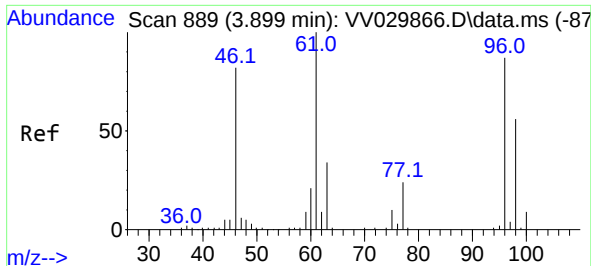
Tgt Ion: 96 Resp: 1734
Ion Ratio Lower Upper
96 100
61 130.3 86.1 159.9
98 65.3 43.9 81.5



#19
1,1-Dichloroethane
Concen: 1.524 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

Tgt Ion: 63 Resp: 39498
Ion Ratio Lower Upper
63 100
65 32.4 22.4 41.6
83 13.7 10.2 19.0

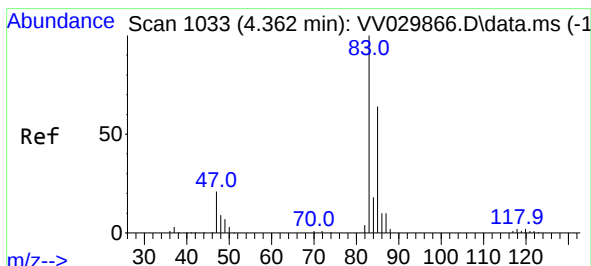
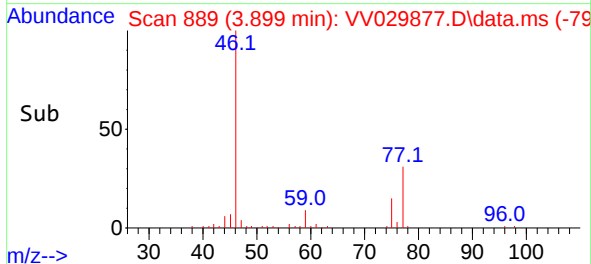
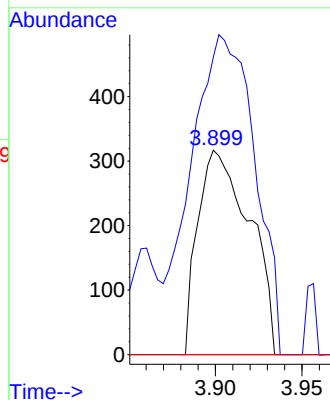
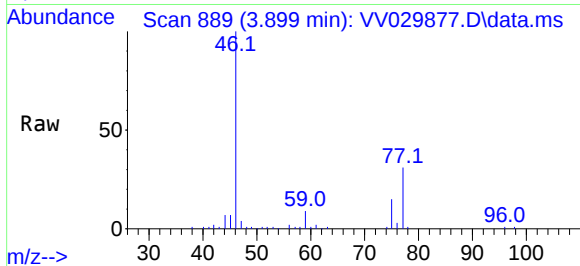




#22
cis-1,2-Dichloroethene
Concen: 0.040 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.000 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

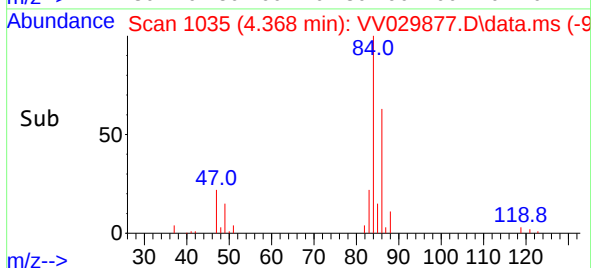
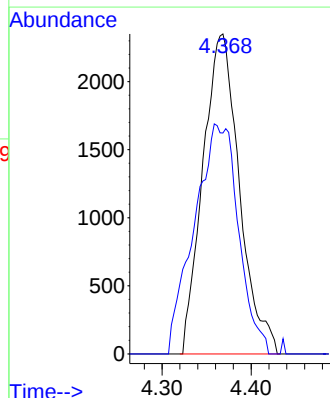
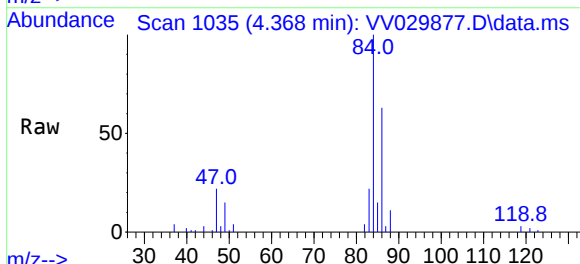
Instrument :
MSVOA_V
ClientSampleId :
BGJB6

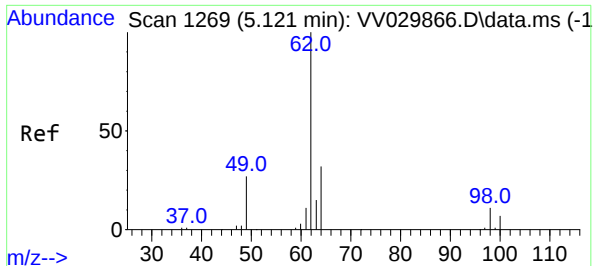
Tgt Ion: 96 Resp: 657
Ion Ratio Lower Upper
96 100
61 145.4 80.0 148.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.238 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

Tgt Ion: 83 Resp: 6699
Ion Ratio Lower Upper
83 100
85 69.0 46.5 86.5

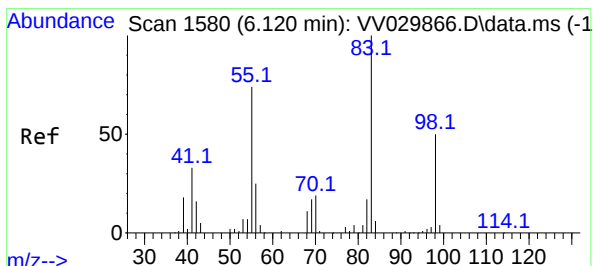
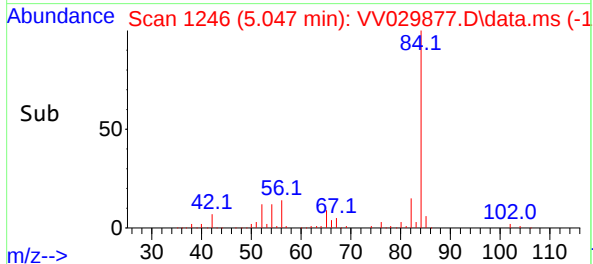
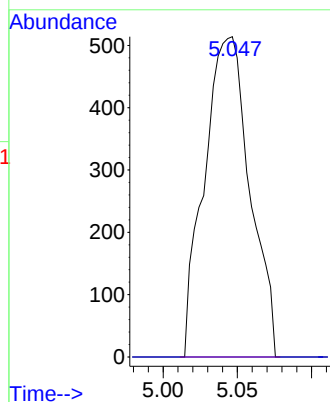
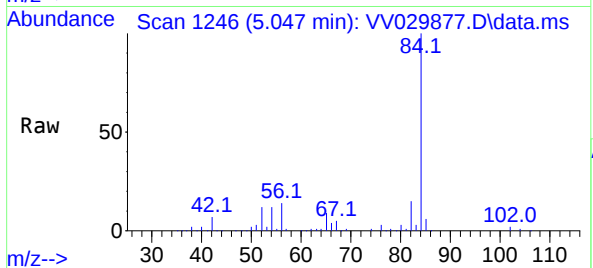




#27
1,2-Dichloroethane
Concen: 0.080 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

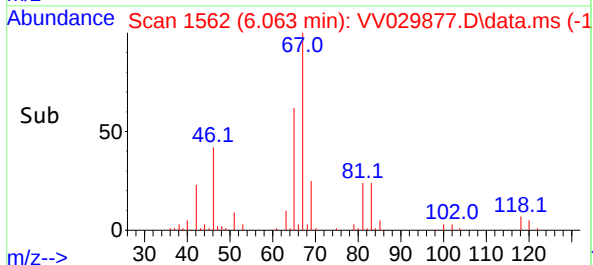
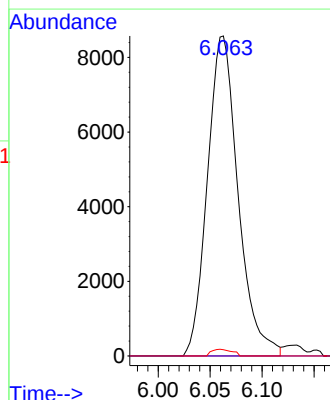
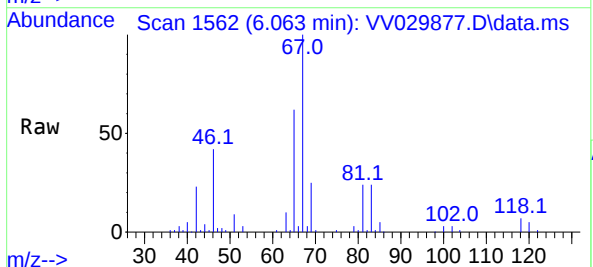
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MSVOA_V
ClientSampleId :
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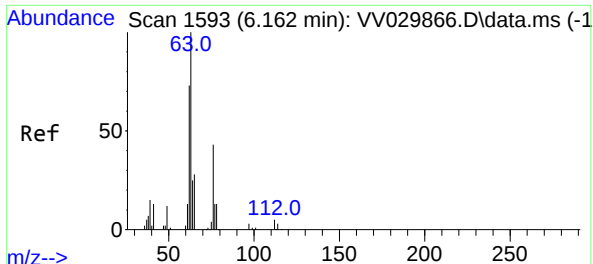
Tgt Ion: 62 Resp: 1098
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

Tgt Ion: 83 Resp: 17614
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 1.4 39.0 58.6#

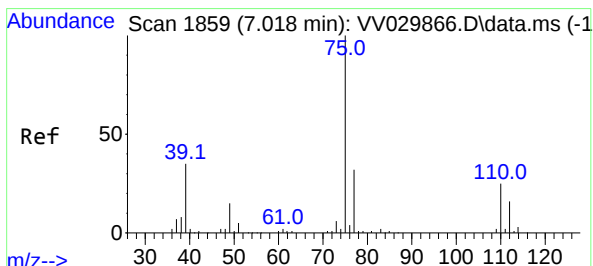
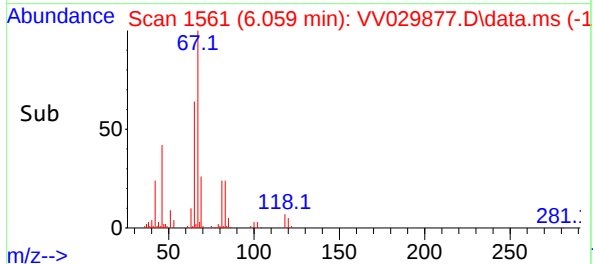
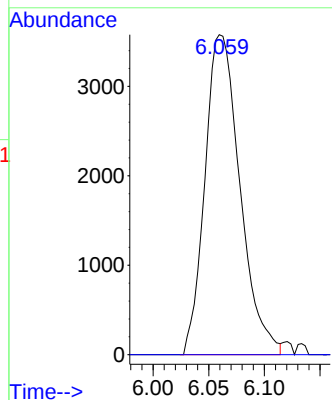
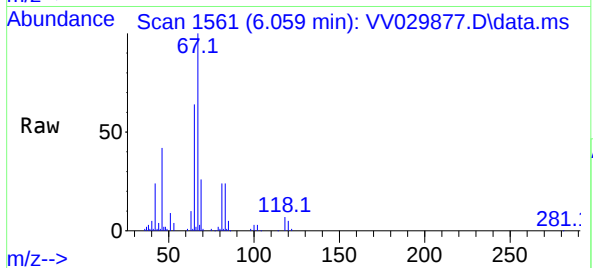




#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.059 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

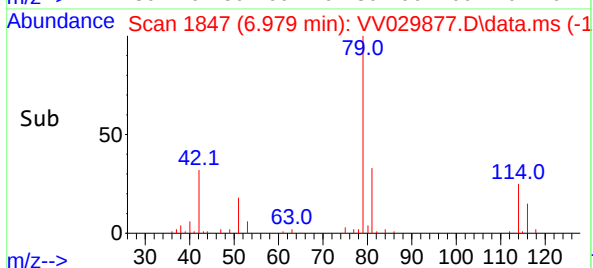
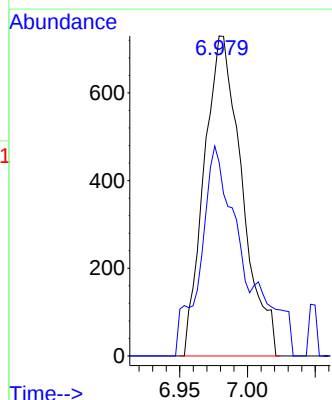
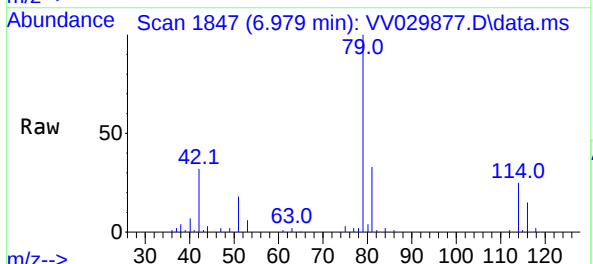
Instrument :
MSVOA_V
ClientSampleId :
BGJB6

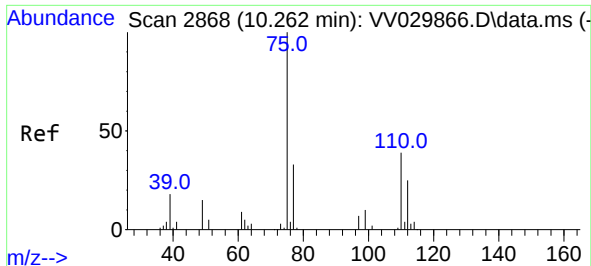
Tgt Ion: 63 Resp: 7834
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.039 min
Lab File: VV029877.D
Acq: 16 Jan 2023 15:20

Tgt Ion: 75 Resp: 1418
Ion Ratio Lower Upper
75 100
77 60.5 22.4 41.6#





#61

1,2,3-Trichloropropane

Concen: 1.431 ug/L

RT: 11.236 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV029877.D

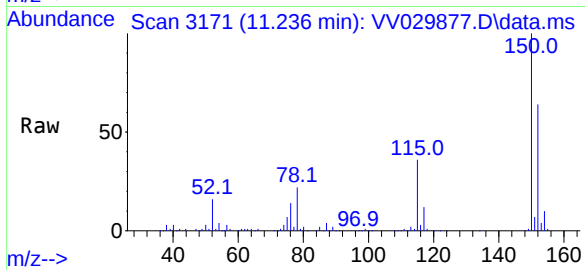
Acq: 16 Jan 2023 15:20

Instrument :

MSVOA_V

ClientSampleId :

BGJB6



Tgt Ion: 75 Resp: 10405

Ion Ratio Lower Upper

75 100

77 32.7 26.5 39.7

110 2.2 31.8 47.8#

