

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029828.D
 Acq On : 13 Jan 2023 23:29
 Operator : SY/MD
 Sample : 01136-07 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC0

Quant Time: Jan 14 01:08:52 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)

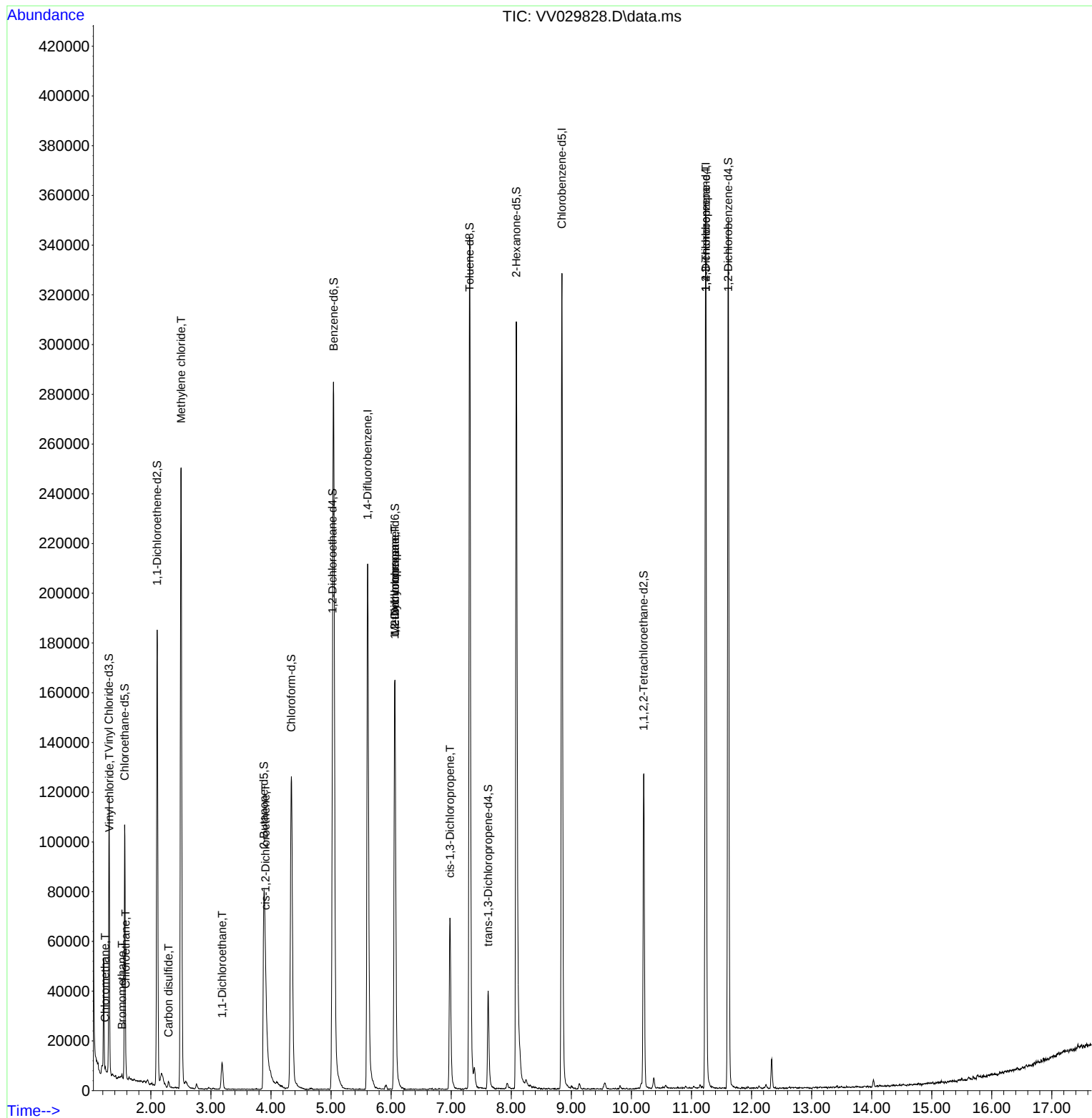
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	200322	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	197410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	101456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67501	4.443	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.564	69	63689	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.105	63	92761	3.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.883	46	133576	49.600	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.200%
24) Chloroform-d	4.339	84	140793	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.024	65	60780	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.043	84	289115	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.063	67	88701	5.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.307	98	248647	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.616	79	24608	3.932	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.085	63	122480	48.066	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.140%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	64424	5.130	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	95833	5.196	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1272	0.065	ug/L	91
5) Vinyl chloride	1.310	62	1495	0.078	ug/L #	1
6) Bromomethane	1.519	94	461	0.049	ug/L	87
8) Chloroethane	1.580	64	2177	0.186	ug/L	97
14) Carbon disulfide	2.294	76	3652	0.074	ug/L #	92
16) Methylene chloride	2.503	84	110556	5.203	ug/L	96
19) 1,1-Dichloroethane	3.185	63	12045	0.453	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	1426	0.084	ug/L	88
35) Methylcyclohexane	6.063	83	22068	0.790	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	8893	0.582	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	1788	0.087	ug/L #	27
61) 1,2,3-Trichloropropane	11.239	75	11346	1.510	ug/L #	65

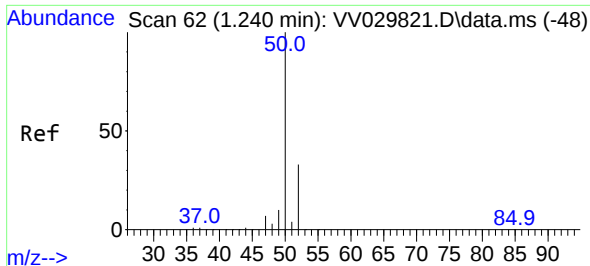
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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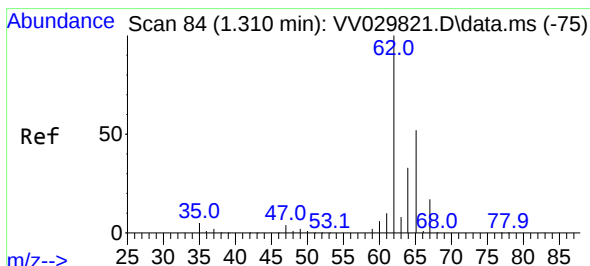
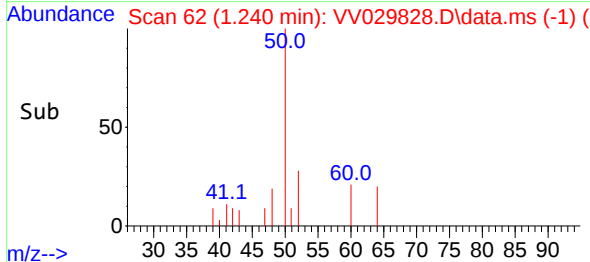
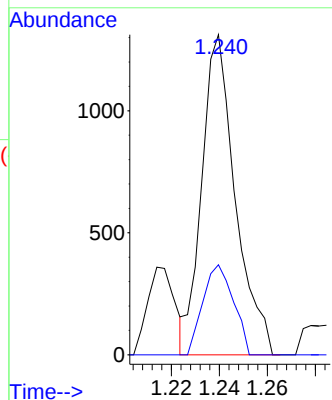
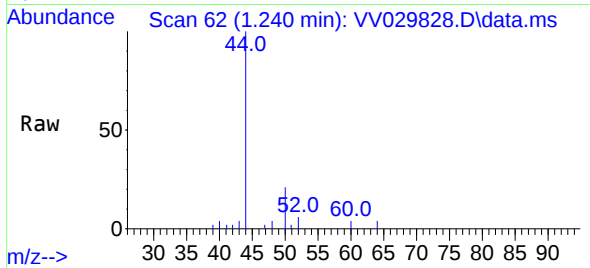




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029828.D
Acq: 13 Jan 2023 23:29

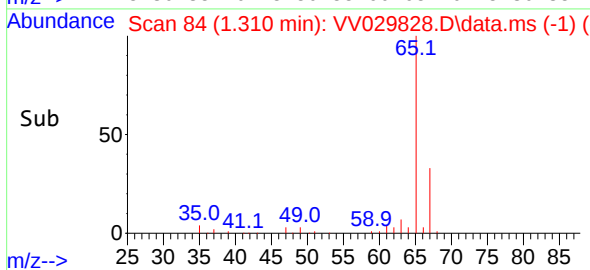
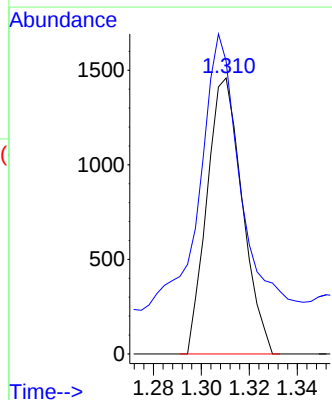
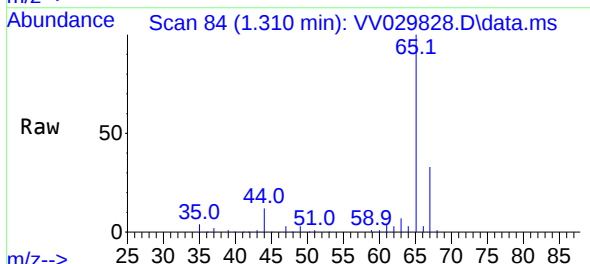
Instrument :
MSVOA_V
ClientSampleId :
BGJC0

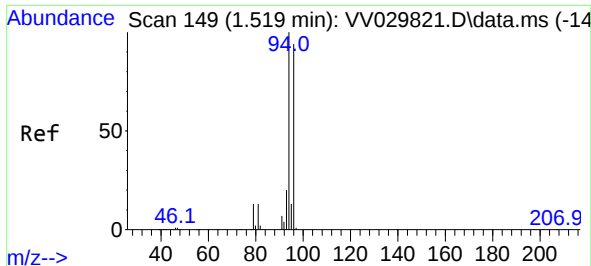
Tgt Ion: 50 Resp: 1272
Ion Ratio Lower Upper
50 100
52 28.1 23.1 42.9



#5
Vinyl chloride
Concen: 0.078 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029828.D
Acq: 13 Jan 2023 23:29

Tgt Ion: 62 Resp: 1495
Ion Ratio Lower Upper
62 100
64 106.1 23.2 43.2#

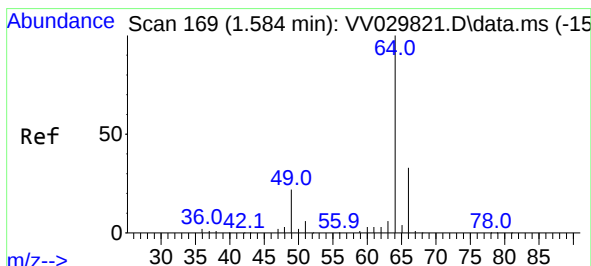
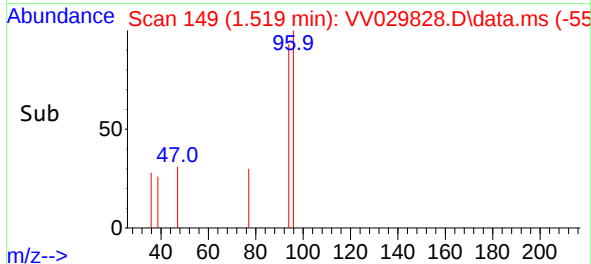
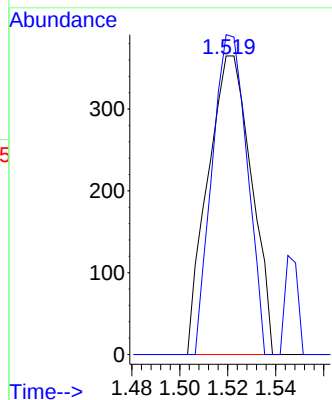
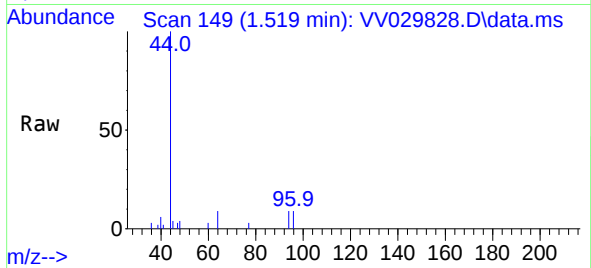




#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029828.D
Acq: 13 Jan 2023 23:29

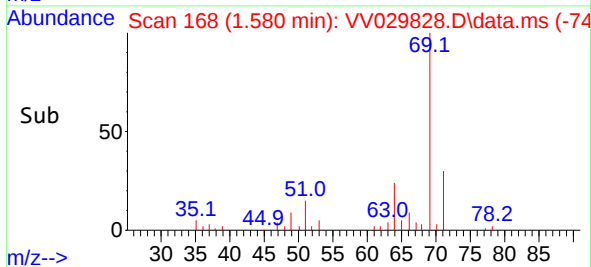
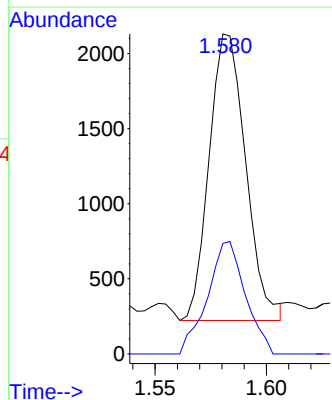
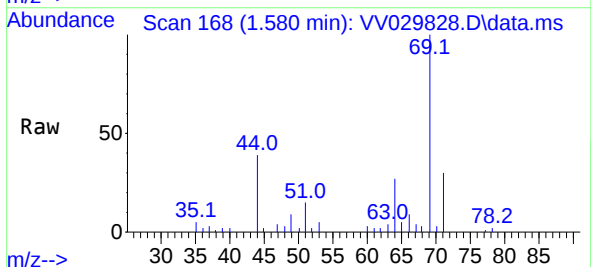
Instrument :
MSVOA_V
ClientSampleId :
BGJC0

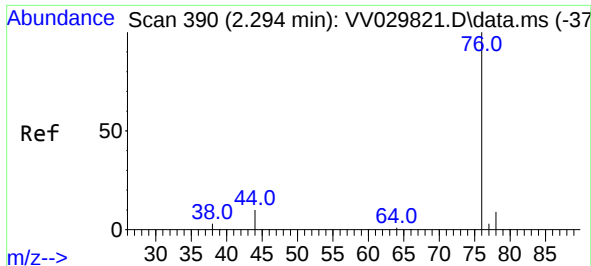
Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 107.1 65.9 122.5



#8
Chloroethane
Concen: 0.186 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV029828.D
Acq: 13 Jan 2023 23:29

Tgt Ion: 64 Resp: 2177
Ion Ratio Lower Upper
64 100
66 34.6 22.9 42.5

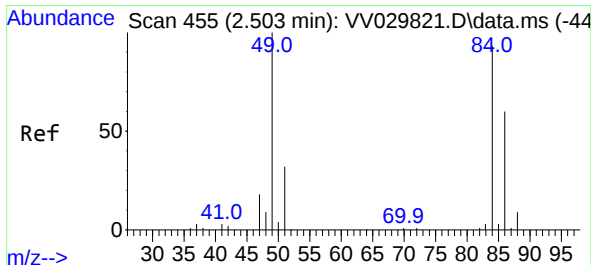
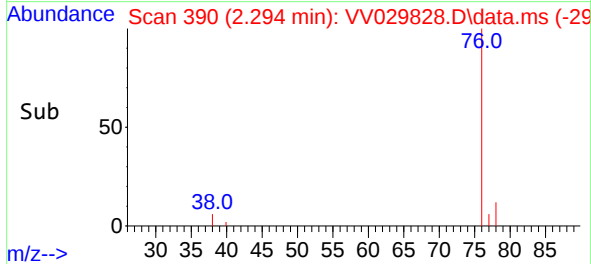
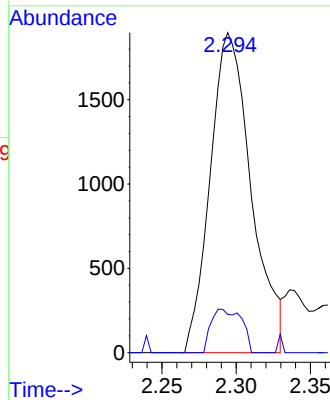
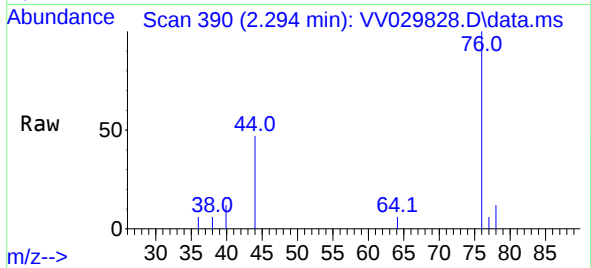




#14
Carbon disulfide
Concen: 0.074 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.009 min
Lab File: VV029828.D
Acq: 13 Jan 2023 23:29

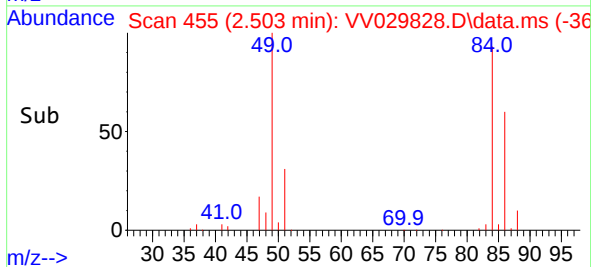
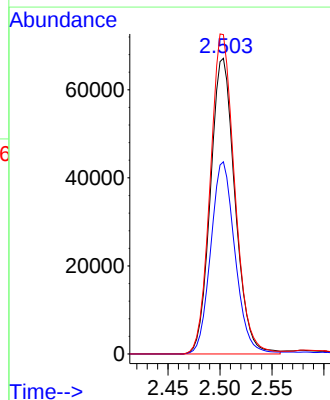
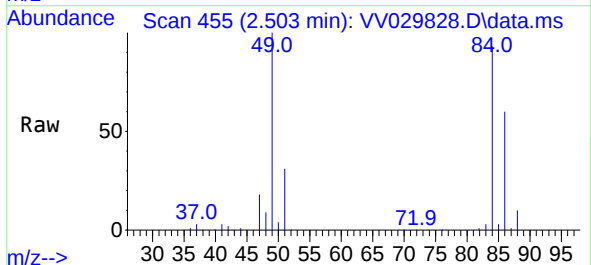
Instrument :
MSVOA_V
ClientSampleId :
BGJC0

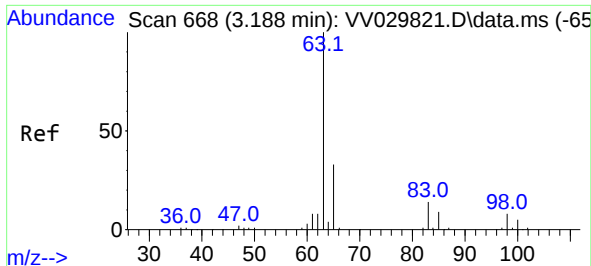
Tgt Ion: 76 Resp: 3652
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.0#



#16
Methylene chloride
Concen: 5.203 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029828.D
Acq: 13 Jan 2023 23:29

Tgt Ion: 84 Resp: 110556
Ion Ratio Lower Upper
84 100
86 65.0 45.0 83.6
49 108.0 71.5 132.7





#19

1,1-Dichloroethane

Concen: 0.453 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029828.D

Acq: 13 Jan 2023 23:29

Instrument :

MSVOA_V

ClientSampleId :

BGJC0

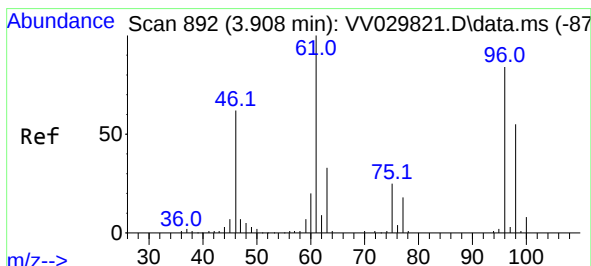
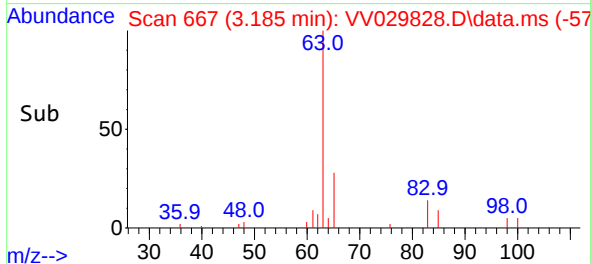
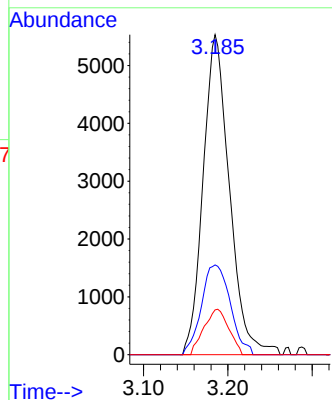
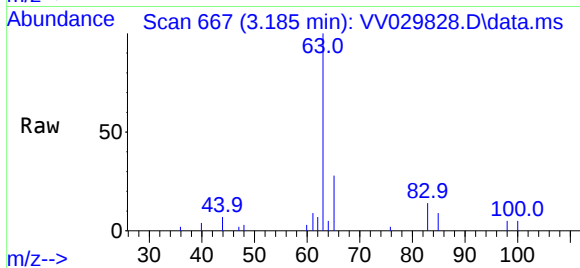
Tgt Ion: 63 Resp: 12045

Ion Ratio Lower Upper

63 100

65 28.1 22.4 41.6

83 14.0 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.084 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.009 min

Lab File: VV029828.D

Acq: 13 Jan 2023 23:29

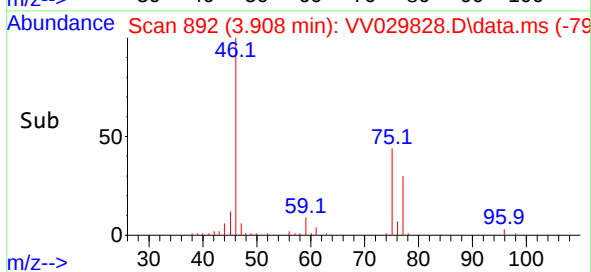
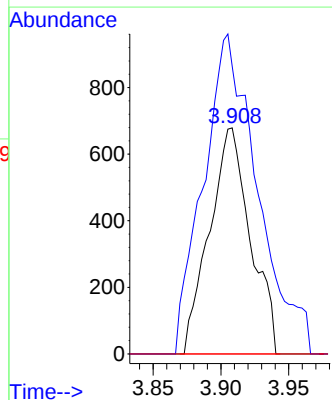
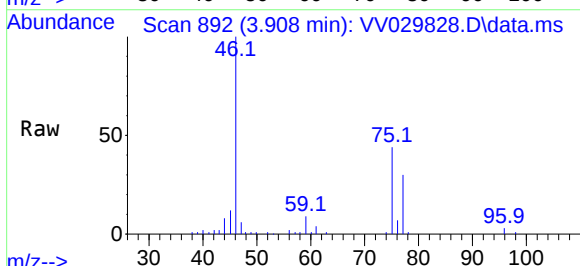
Tgt Ion: 96 Resp: 1426

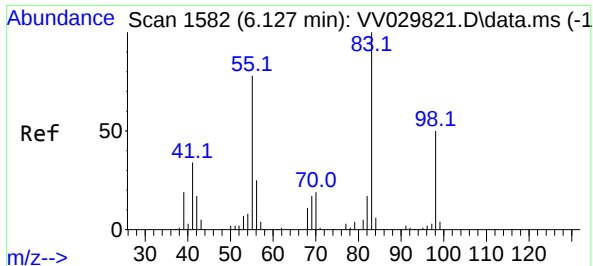
Ion Ratio Lower Upper

96 100

61 127.2 80.0 148.6

68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV029828.D

Acq: 13 Jan 2023 23:29

Instrument :

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BGJC0

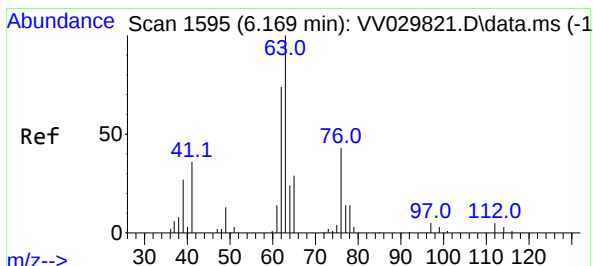
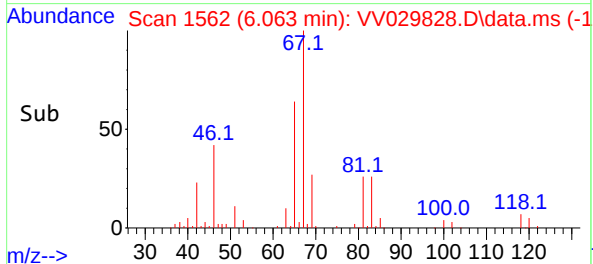
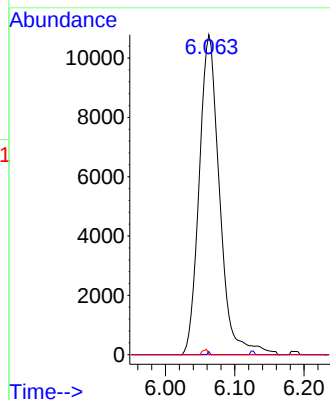
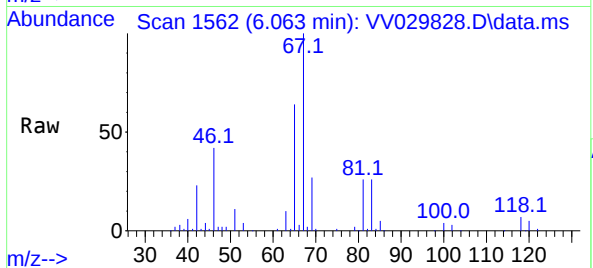
Tgt Ion: 83 Resp: 22068

Ion Ratio Lower Upper

83 100

55 0.1 57.3 85.9#

98 0.4 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.103 min

Lab File: VV029828.D

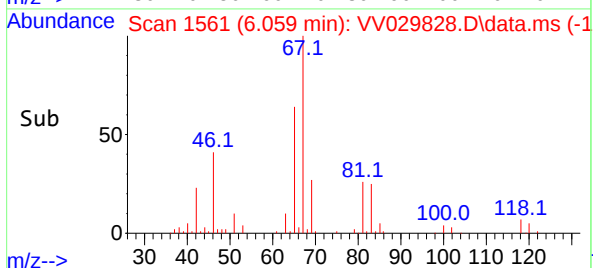
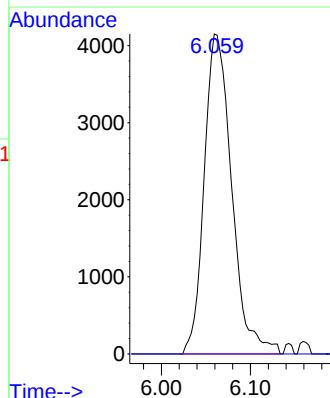
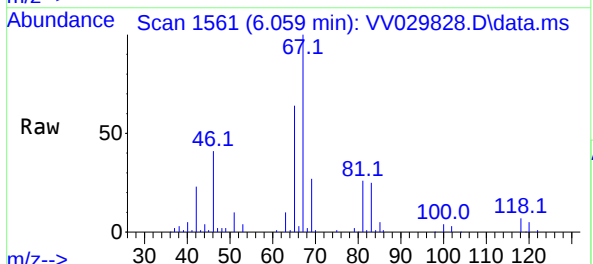
Acq: 13 Jan 2023 23:29

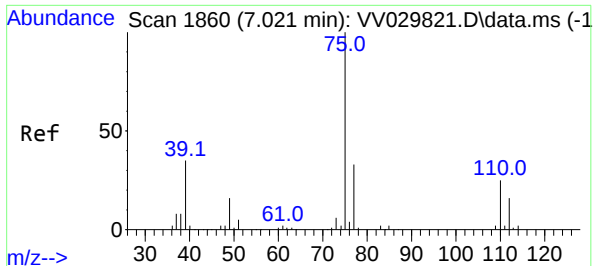
Tgt Ion: 63 Resp: 8893

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV029828.D

Acq: 13 Jan 2023 23:29

Instrument :

MSVOA_V

ClientSampleId :

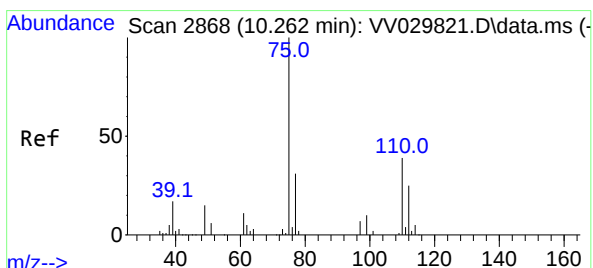
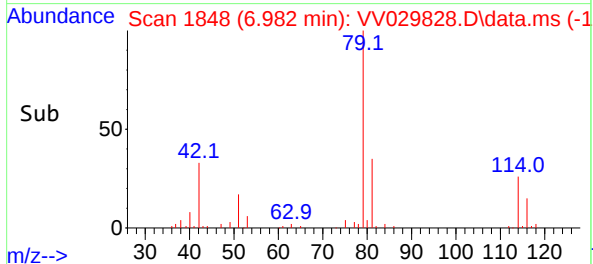
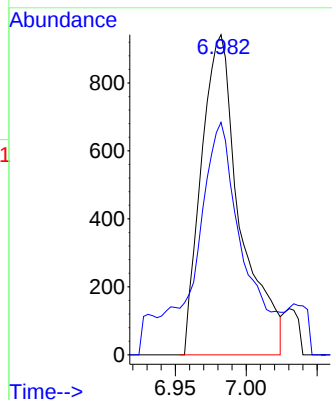
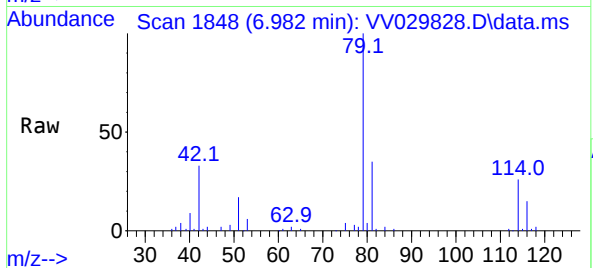
BGJC0

Tgt Ion: 75 Resp: 1788

Ion Ratio Lower Upper

75 100

77 72.6 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.510 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.977 min

Lab File: VV029828.D

Acq: 13 Jan 2023 23:29

Tgt Ion: 75 Resp: 11346

Ion Ratio Lower Upper

75 100

77 30.4 26.5 39.7

110 3.3 31.8 47.8#

