

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029827.D
 Acq On : 13 Jan 2023 23:04
 Operator : SY/MD
 Sample : 01136-03 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB6

Quant Time: Jan 14 01:08:45 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)

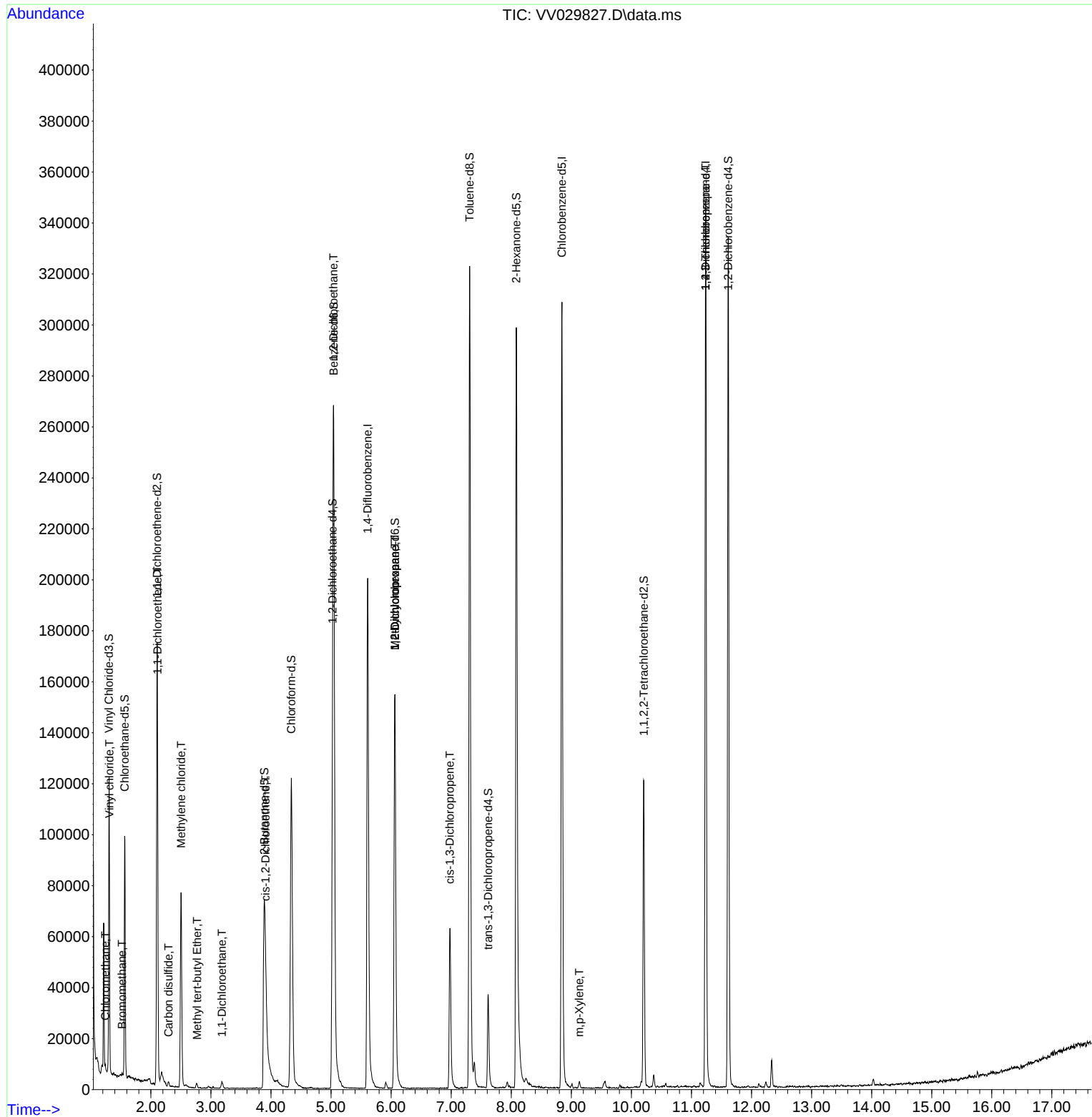
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	190583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	186727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	96056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65112	4.504	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.564	69	61783	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.105	63	88559	3.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.889	46	119715	46.725	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.440%
24) Chloroform-d	4.339	84	133866	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.024	65	59189	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.043	84	273869	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.063	67	83300	5.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.307	98	234895	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.616	79	24503	4.139	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.085	63	118808	49.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.580%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62055	5.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	90683	5.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1162	0.062	ug/L	91
5) Vinyl chloride	1.310	62	5122	0.280	ug/L #	75
6) Bromomethane	1.519	94	387	0.043	ug/L	97
12) 1,1-Dichloroethene	2.111	96	1494	0.092	ug/L #	1
14) Carbon disulfide	2.294	76	2728	0.058	ug/L	98
16) Methylene chloride	2.503	84	33787	1.671	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	862	0.031	ug/L #	78
19) 1,1-Dichloroethane	3.182	63	3021	0.119	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	3527	0.219	ug/L	74
27) 1,2-Dichloroethane	5.040	62	1267	0.095	ug/L #	71
35) Methylcyclohexane	6.063	83	20213	0.765	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	8721	0.603	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1526	0.079	ug/L #	28
53) m,p-Xylene	9.133	106	985	0.036	ug/L #	57
61) 1,2,3-Trichloropropane	11.236	75	10754	1.512	ug/L #	66

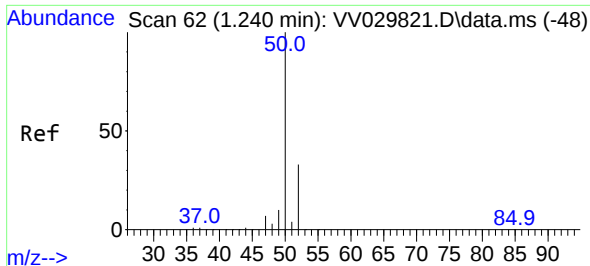
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

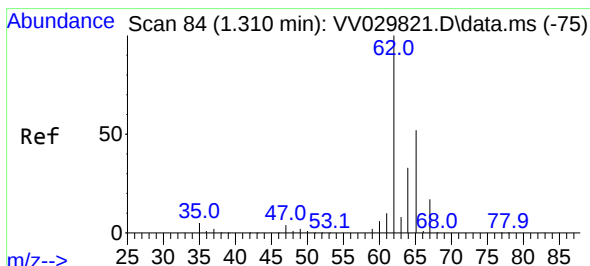
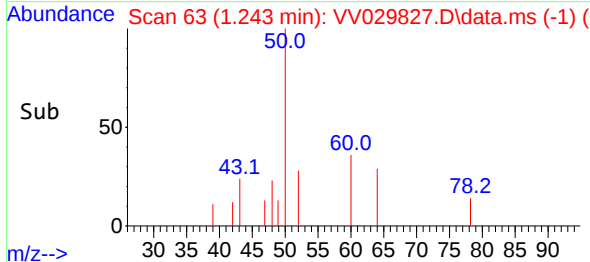
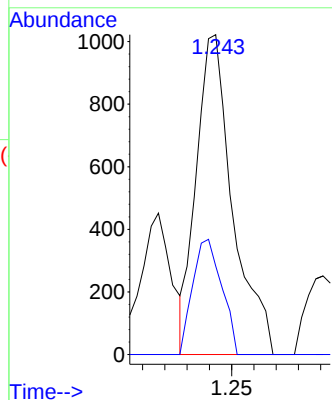
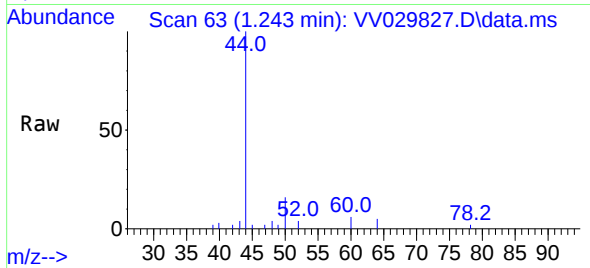




#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

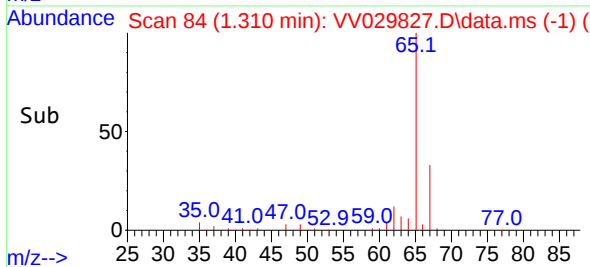
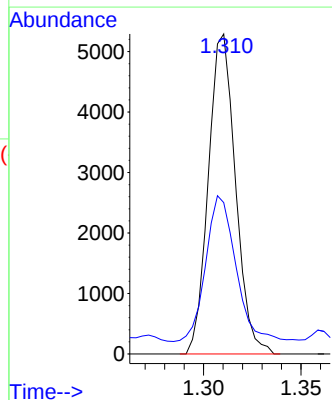
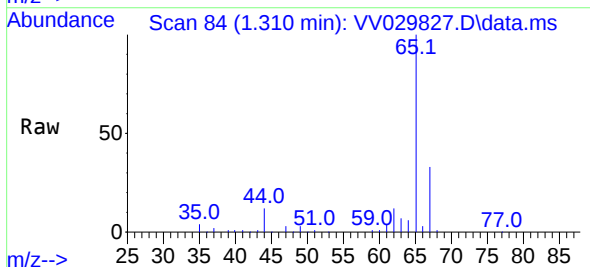
Instrument :
MSVOA_V
ClientSampleId :
BGJB6

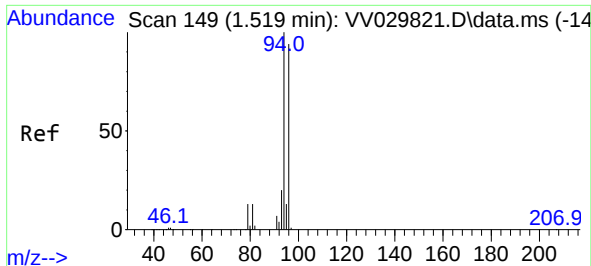
Tgt Ion: 50 Resp: 1162
Ion Ratio Lower Upper
50 100
52 27.7 23.1 42.9



#5
Vinyl chloride
Concen: 0.280 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

Tgt Ion: 62 Resp: 5122
Ion Ratio Lower Upper
62 100
64 47.3 23.2 43.2#

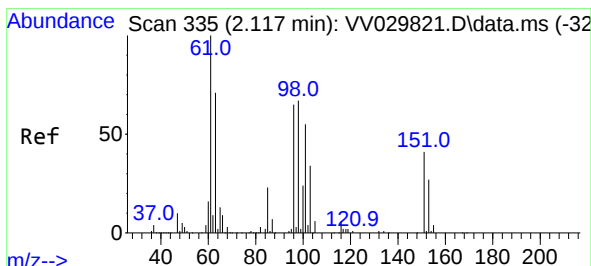
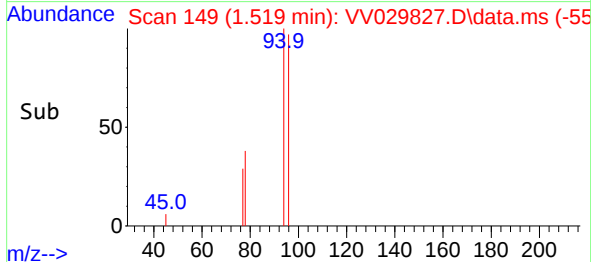
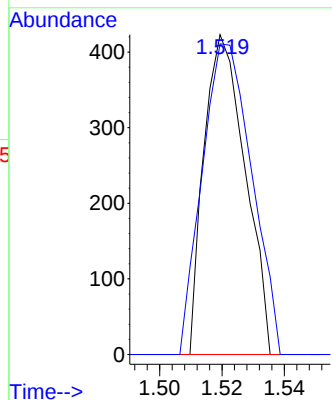
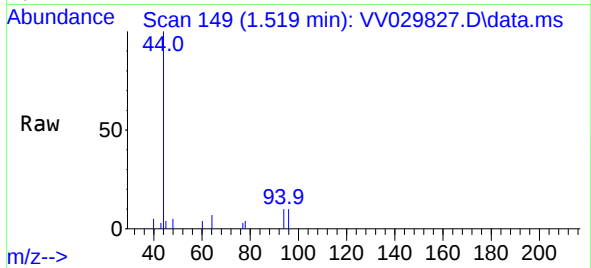




#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

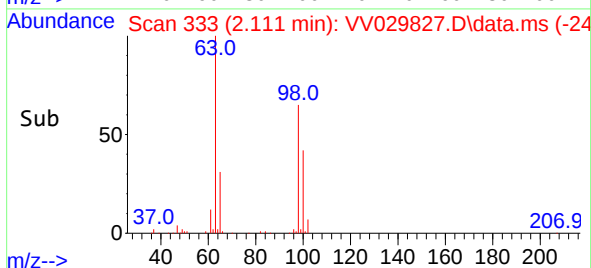
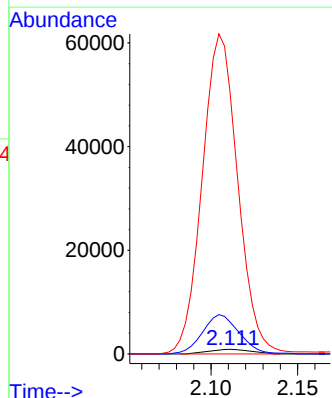
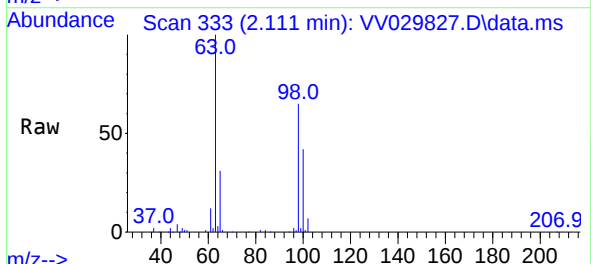
Instrument :
MSVOA_V
ClientSampleId :
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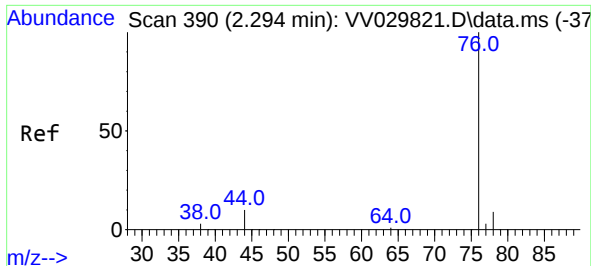
Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 97.2 65.9 122.5



#12
1,1-Dichloroethene
Concen: 0.092 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

Tgt Ion: 96 Resp: 1494
Ion Ratio Lower Upper
96 100
61 694.5 106.1 197.1#
63 5687.1 76.4 141.8#

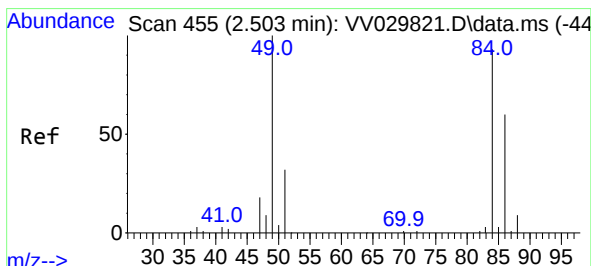
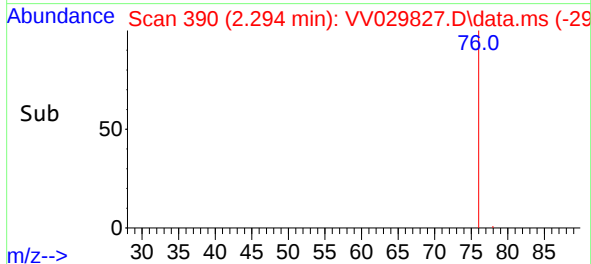
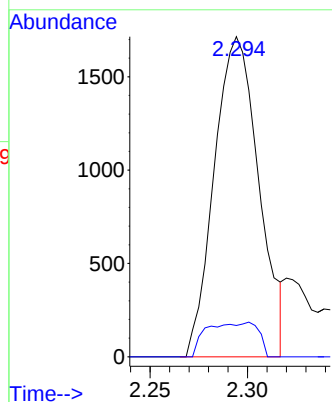
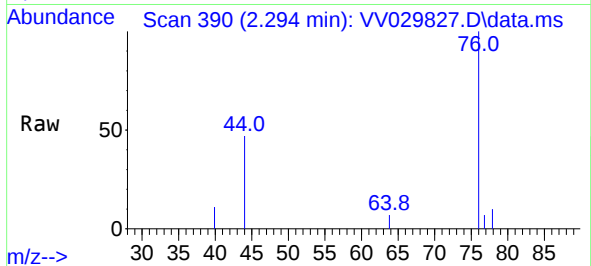




#14
Carbon disulfide
Concen: 0.058 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.009 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

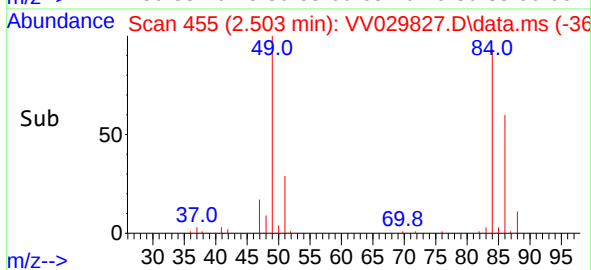
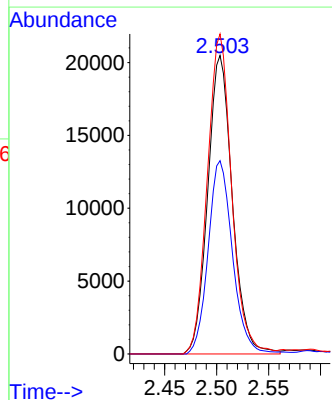
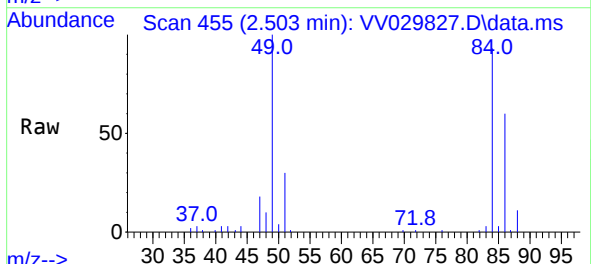
Instrument :
MSVOA_V
ClientSampleId :
BGJB6

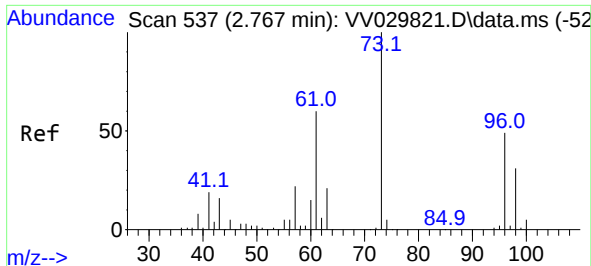
Tgt Ion: 76 Resp: 2728
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#16
Methylene chloride
Concen: 1.671 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

Tgt Ion: 84 Resp: 33787
Ion Ratio Lower Upper
84 100
86 64.7 45.0 83.6
49 107.2 71.5 132.7

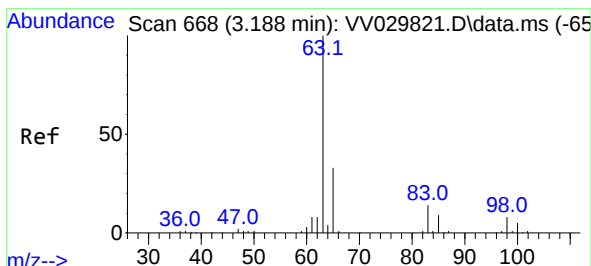
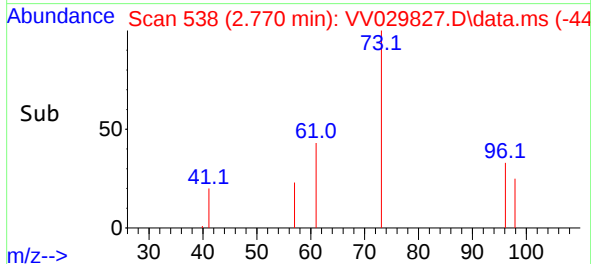
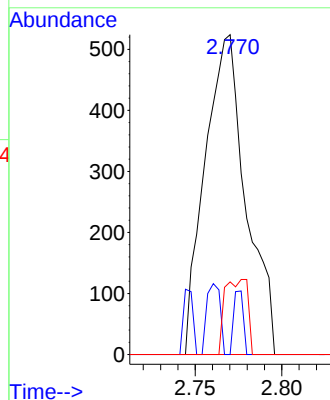
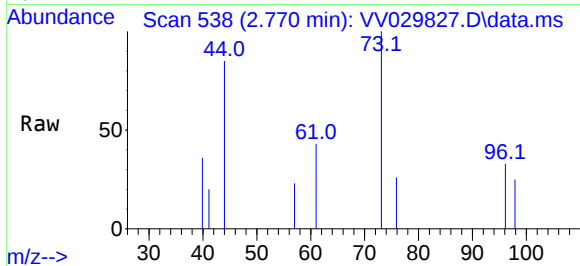




#17
Methyl tert-butyl Ether
Concen: 0.031 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.009 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

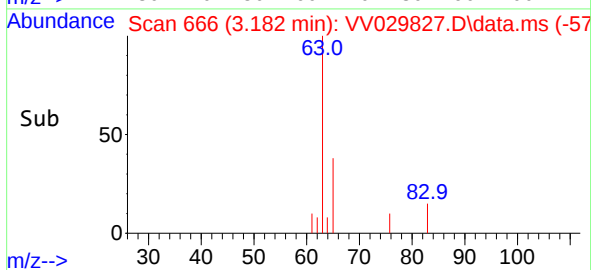
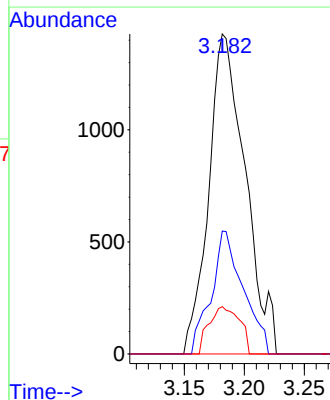
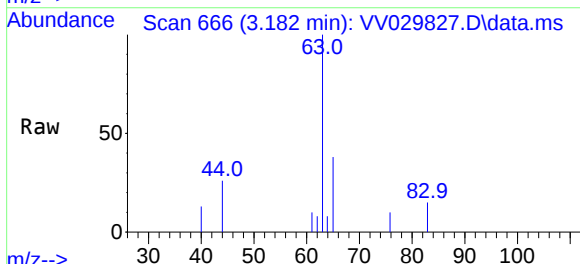
Instrument :
MSVOA_V
ClientSampleId :
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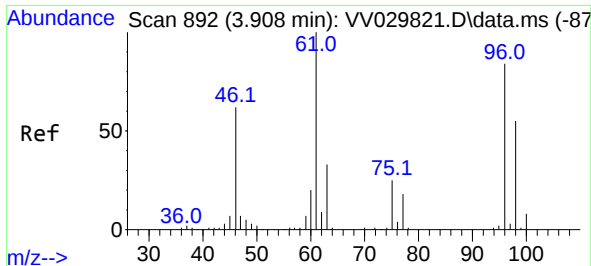
Tgt Ion: 73 Resp: 862
Ion Ratio Lower Upper
73 100
43 4.6 13.0 19.4#
57 13.1 17.1 25.7#



#19
1,1-Dichloroethane
Concen: 0.119 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

Tgt Ion: 63 Resp: 3021
Ion Ratio Lower Upper
63 100
65 38.4 22.4 41.6
83 14.8 10.2 19.0

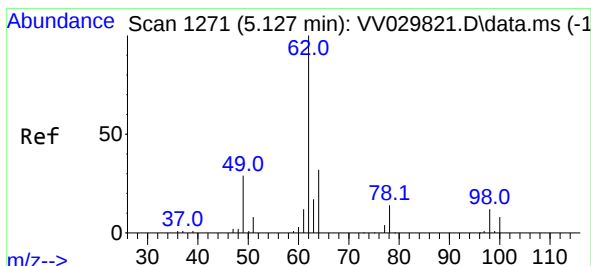
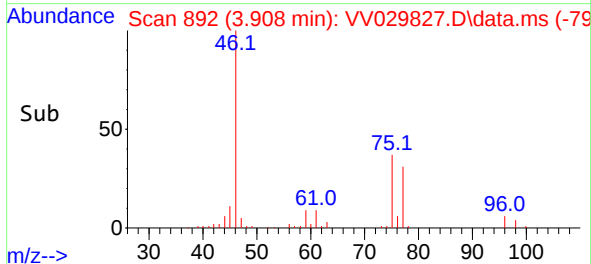
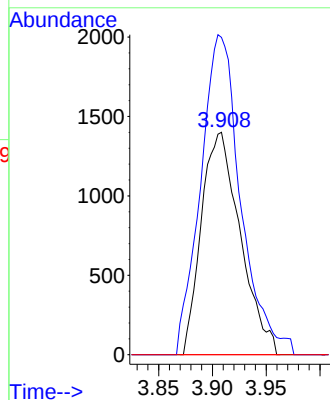
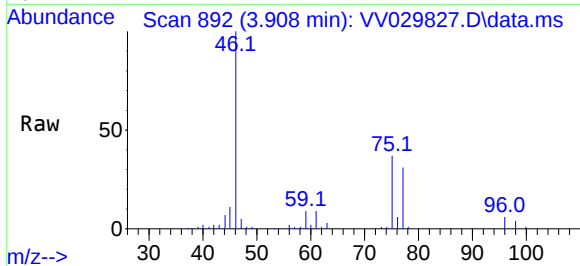




#22
cis-1,2-Dichloroethene
Concen: 0.219 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.009 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

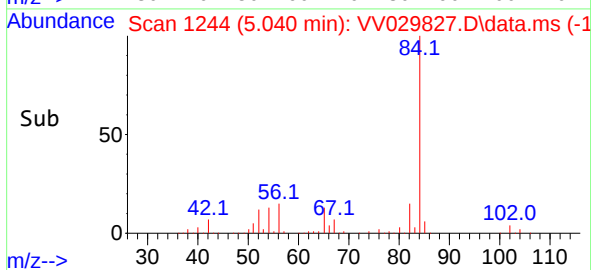
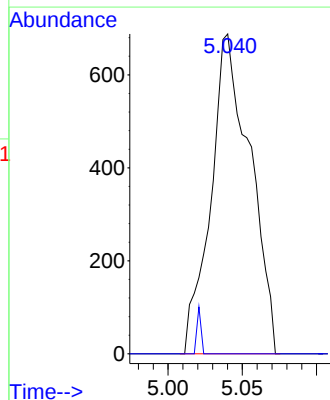
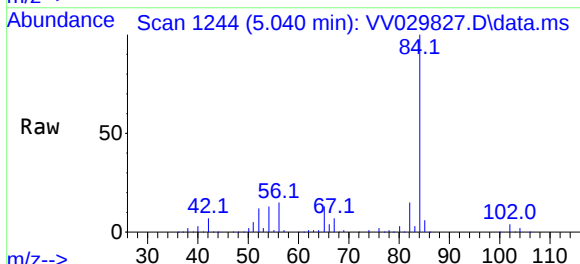
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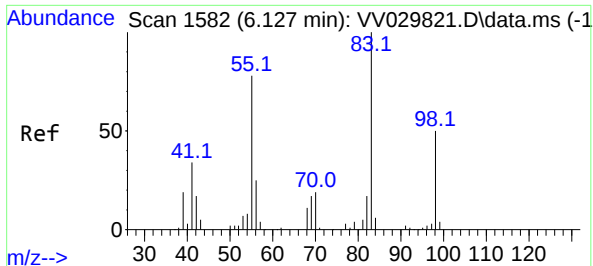
Tgt Ion:	96	Resp:	3527
Ion	Ratio	Lower	Upper
96	100		
61	142.6	80.0	148.6
68	0.0	0.0	0.0



#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.081 min
Lab File: VV029827.D
Acq: 13 Jan 2023 23:04

Tgt Ion:	62	Resp:	1267
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.9	13.3#





#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029827.D

Acq: 13 Jan 2023 23:04

Instrument :

MSVOA_V

ClientSampleId :

BGJB6

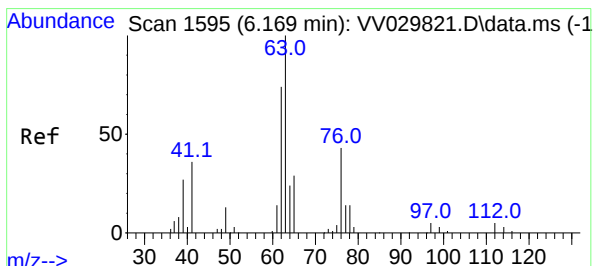
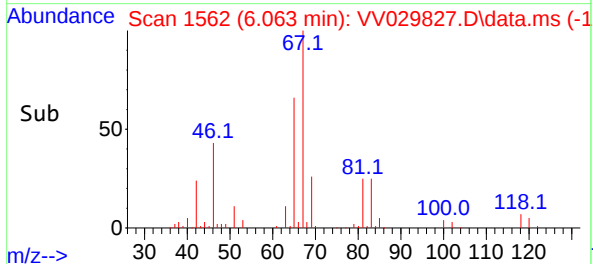
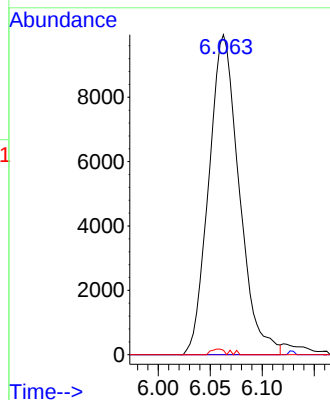
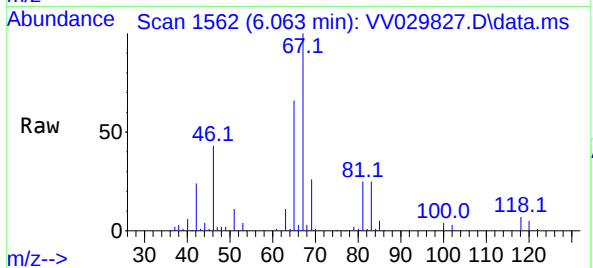
Tgt Ion: 83 Resp: 20213

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.7 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.100 min

Lab File: VV029827.D

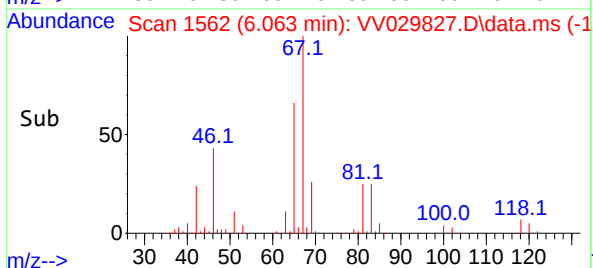
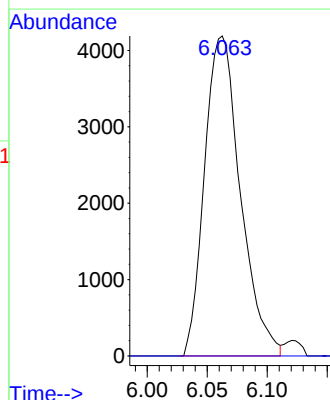
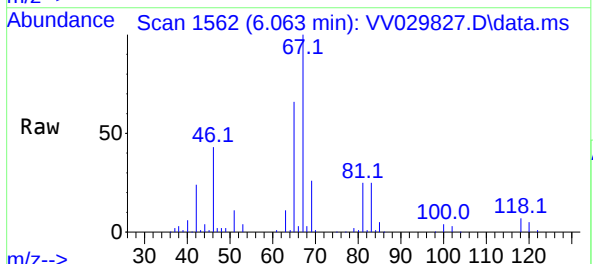
Acq: 13 Jan 2023 23:04

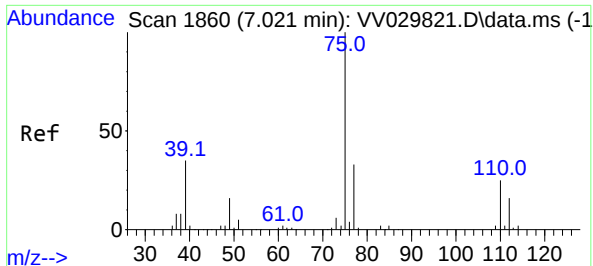
Tgt Ion: 63 Resp: 8721

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029827.D

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MSVOA_V

ClientSampleId :

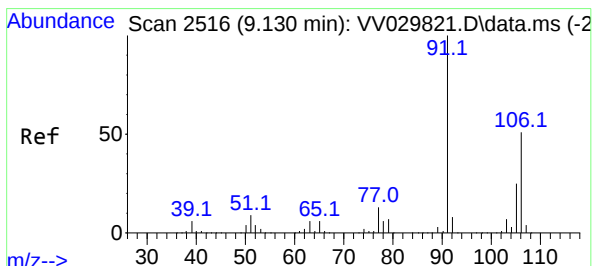
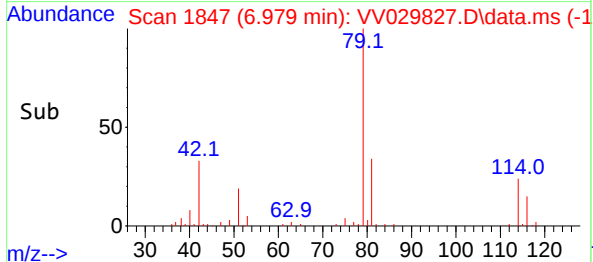
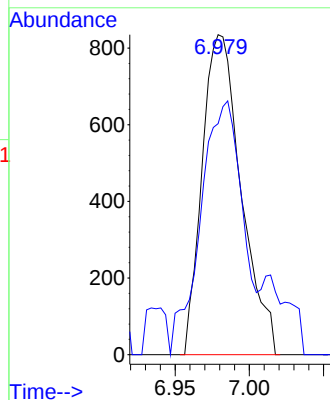
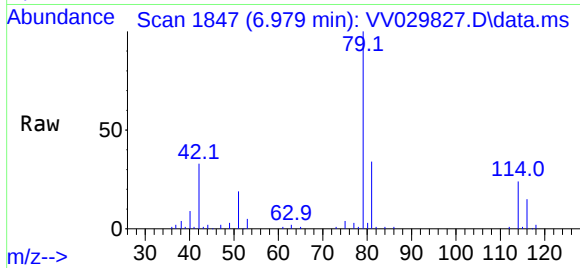
BGJB6

Tgt Ion: 75 Resp: 1526

Ion Ratio Lower Upper

75 100

77 72.2 22.4 41.6#



#53

m,p-Xylene

Concen: 0.036 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029827.D

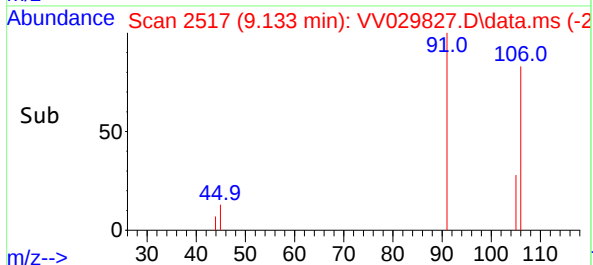
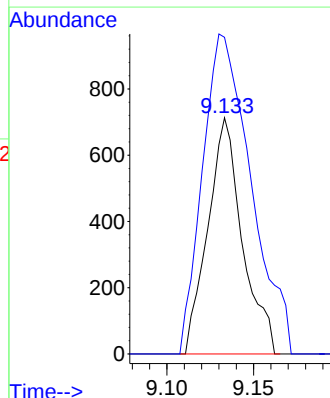
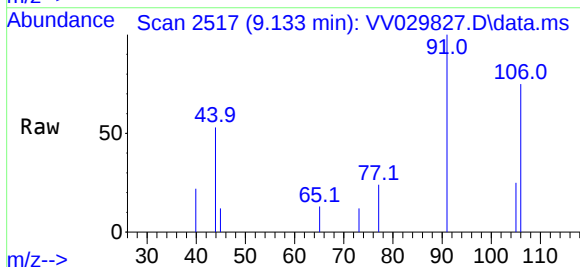
Acq: 13 Jan 2023 23:04

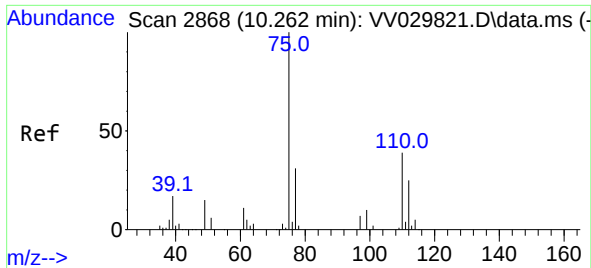
Tgt Ion:106 Resp: 985

Ion Ratio Lower Upper

106 100

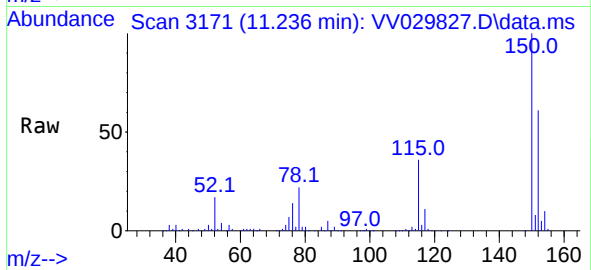
91 134.1 138.7 257.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.512 ug/L
 RT: 11.236 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029827.D
 Acq: 13 Jan 2023 23:04

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB6



Tgt Ion: 75 Resp: 10754
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.5 39.7
 110 2.2 31.8 47.8#

