

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
 Data File : VV028360.D
 Acq On : 05 Oct 2022 11:51
 Operator : SY/MD
 Sample : VV1005WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK248

Quant Time: Oct 06 02:31:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

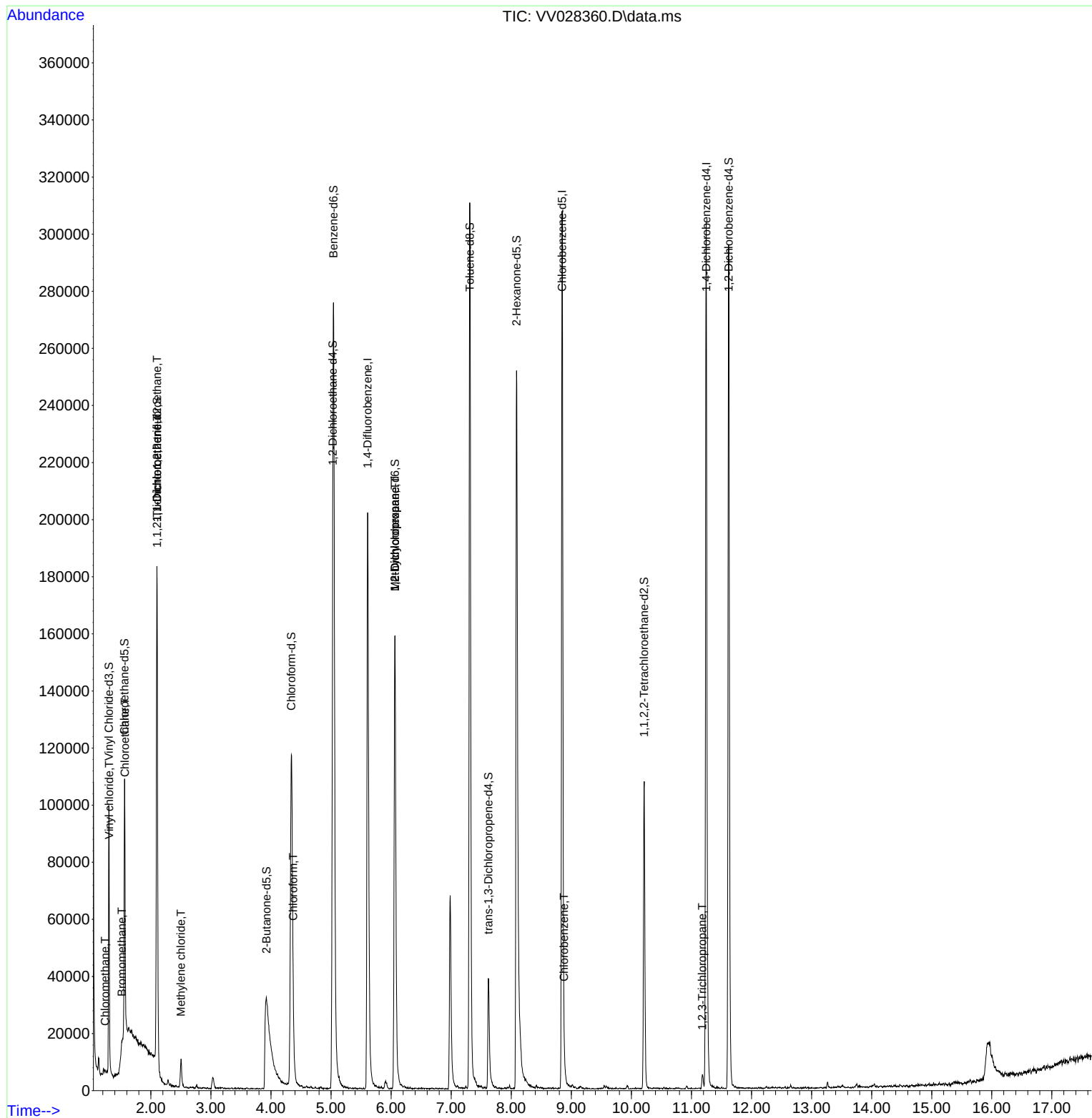
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	183497	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	179661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59821	4.339	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.561	69	57640	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.102	63	88861	3.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	3.925	46	116097	49.767	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.540%
24) Chloroform-d	4.339	84	127546	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.027	65	60833	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.040	84	266769	5.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	6.063	67	81732	5.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.600%
41) Toluene-d8	7.310	98	218679	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.619	79	25922	4.814	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.088	63	108915	49.417	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54076	5.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	82231	5.584	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	615	0.044	ug/L #	64
5) Vinyl chloride	1.307	62	690	0.044	ug/L #	1
6) Bromomethane	1.516	94	467	0.062	ug/L	80
8) Chloroethane	1.568	64	46739	4.452	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1295	0.098	ug/L #	27
12) 1,1-Dichloroethene	2.102	96	1178	0.089	ug/L #	1
16) Methylene chloride	2.500	84	4229	0.285	ug/L	89
25) Chloroform	4.368	83	8969	0.350	ug/L	98
35) Methylcyclohexane	6.063	83	20098	0.919	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8434	0.681	ug/L #	87
51) Chlorobenzene	8.879	112	1590	0.042	ug/L #	77
61) 1,2,3-Trichloropropane	11.182	75	761	0.115	ug/L #	48

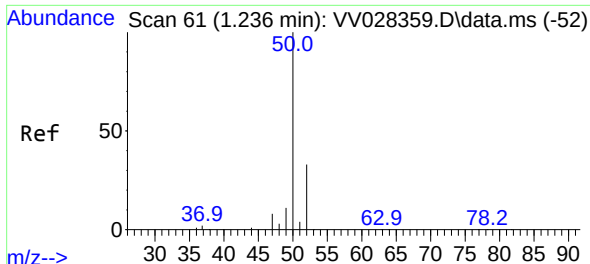
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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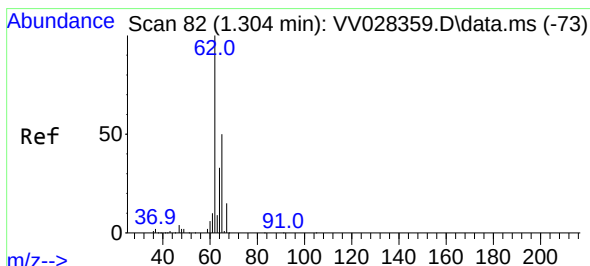
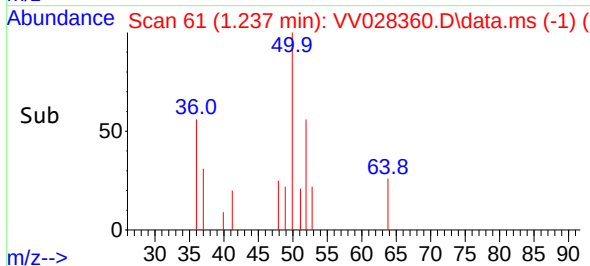
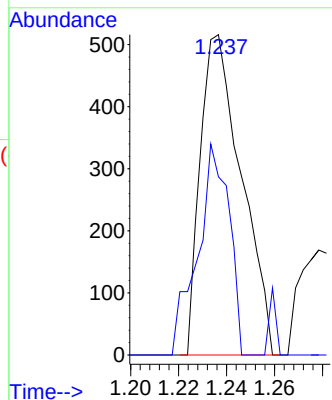
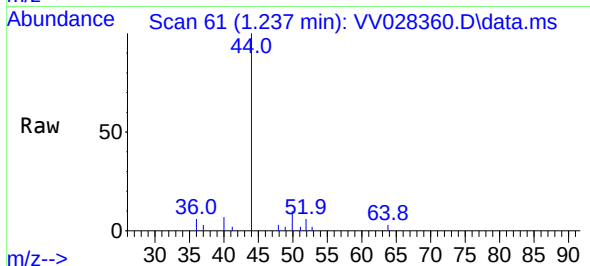




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

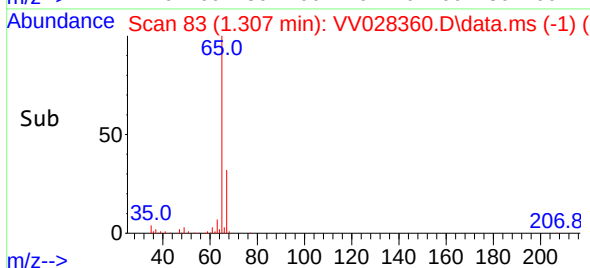
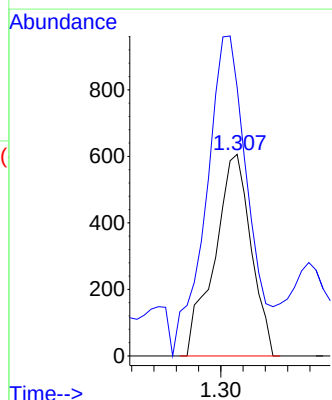
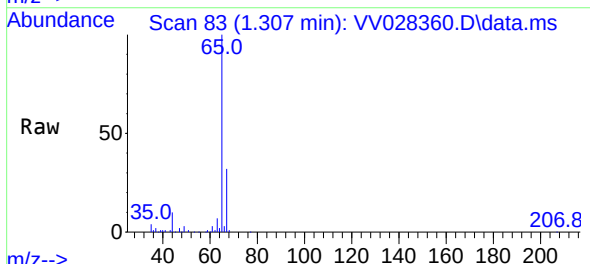
Instrument :
MSVOA_V
ClientSampleId :
VBLK248

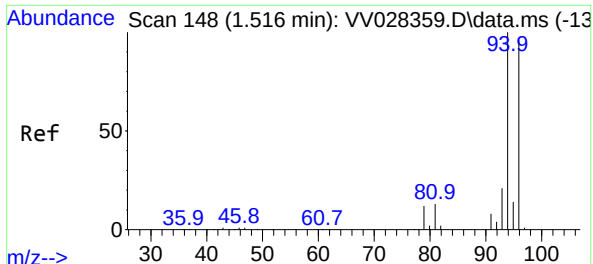
Tgt Ion: 50 Resp: 615
Ion Ratio Lower Upper
50 100
52 55.6 24.4 45.2#



#5
Vinyl chloride
Concen: 0.044 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

Tgt Ion: 62 Resp: 690
Ion Ratio Lower Upper
62 100
64 133.2 23.0 42.8#

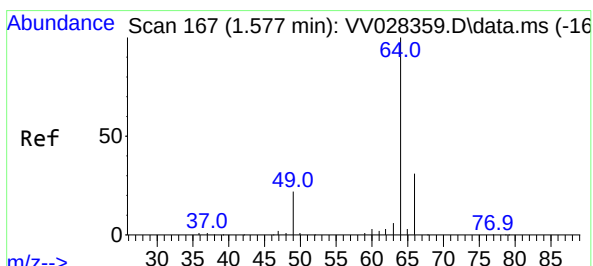
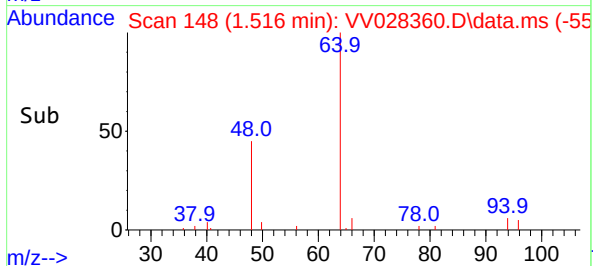
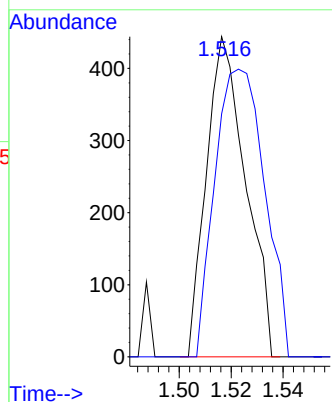
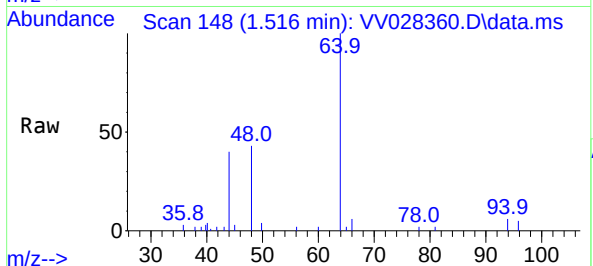




#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

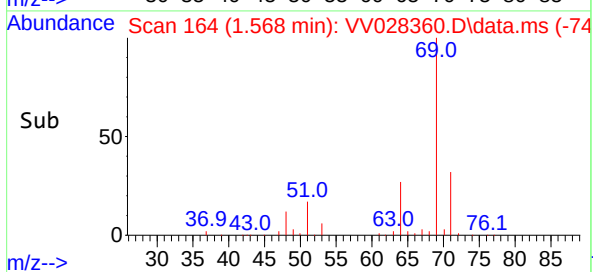
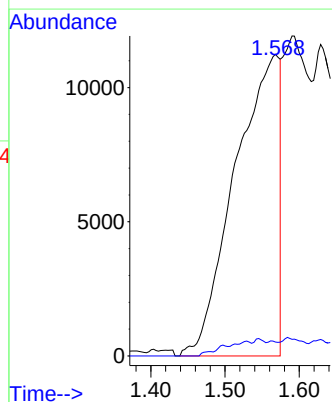
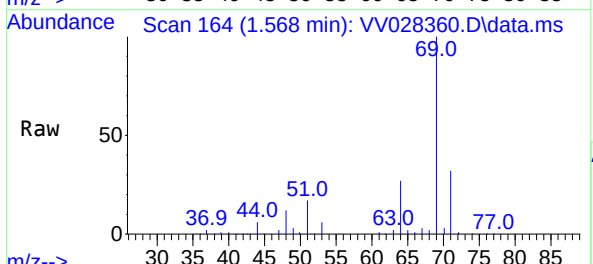
Instrument :
MSVOA_V
ClientSampleId :
VBLK248

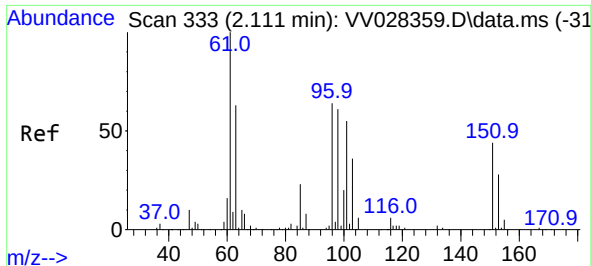
Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 75.9 66.7 123.9



#8
Chloroethane
Concen: 4.452 ug/L
RT: 1.568 min Scan# 164
Delta R.T. -0.009 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

Tgt Ion: 64 Resp: 46739
Ion Ratio Lower Upper
64 100
66 4.6 23.0 42.8#

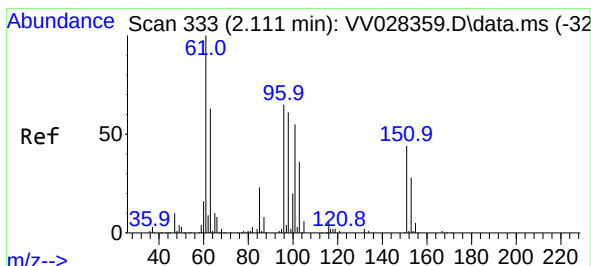
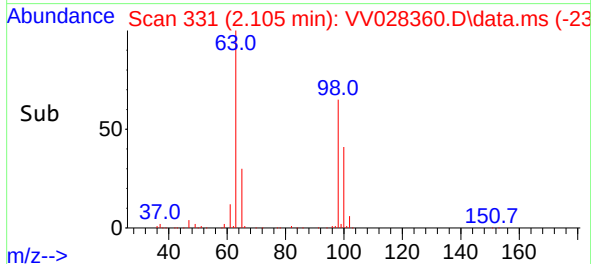
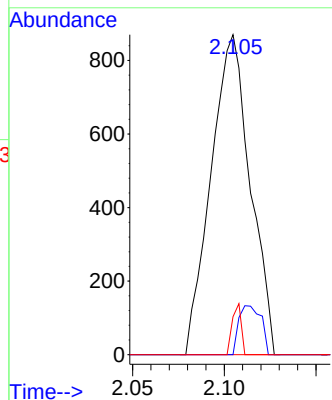
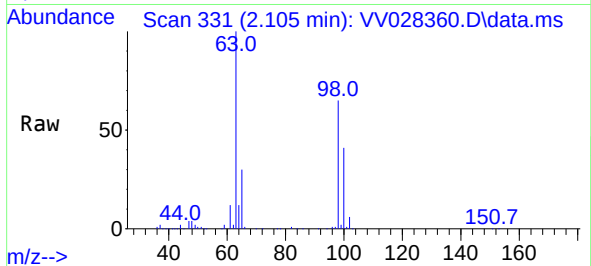




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.098 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

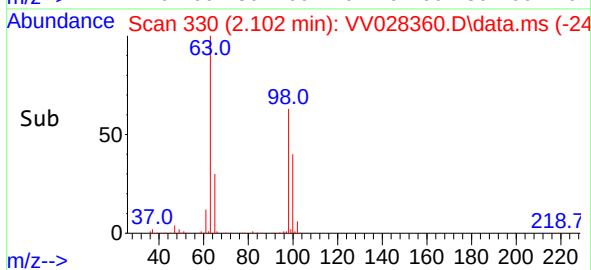
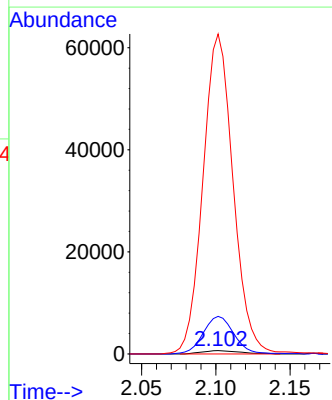
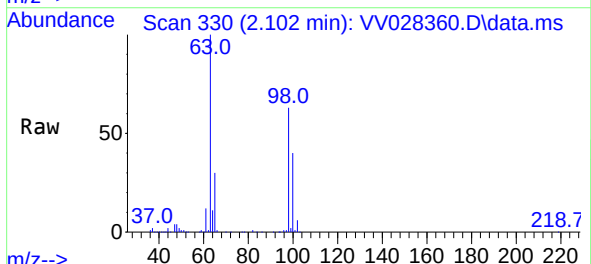
Instrument :
MSVOA_V
ClientSampleId :
VBLK248

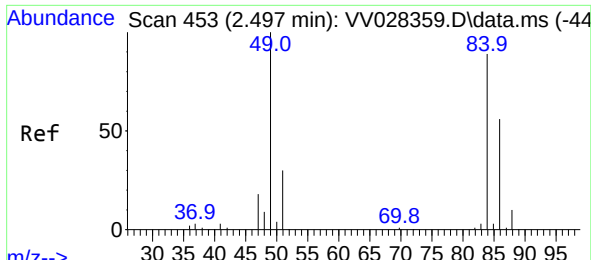
Tgt Ion:101 Resp: 1295
Ion Ratio Lower Upper
101 100
85 8.6 34.4 51.6#
151 3.6 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.089 ug/L
RT: 2.102 min Scan# 330
Delta R.T. -0.009 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

Tgt Ion: 96 Resp: 1178
Ion Ratio Lower Upper
96 100
61 1107.4 128.3 238.3#
63 9413.8 112.7 209.3#

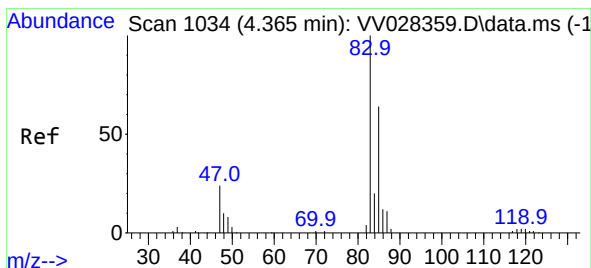
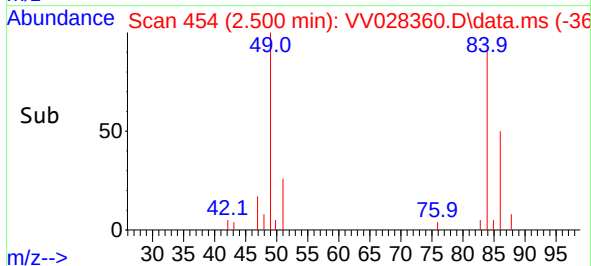
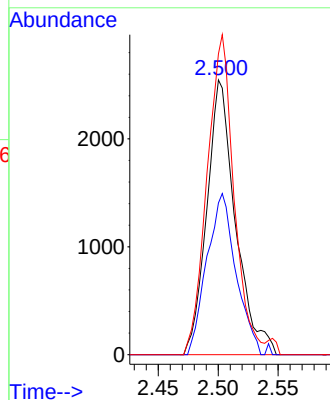
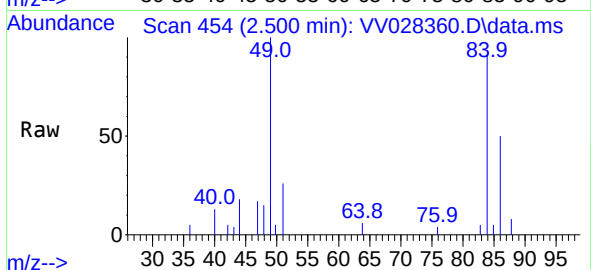




#16
Methylene chloride
Concen: 0.285 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

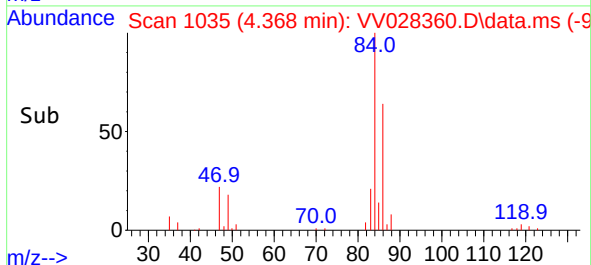
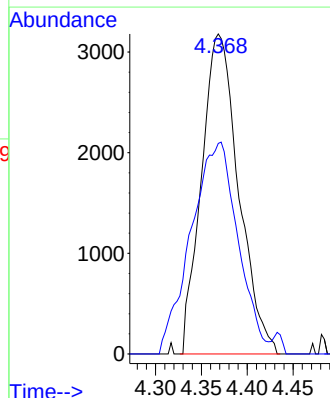
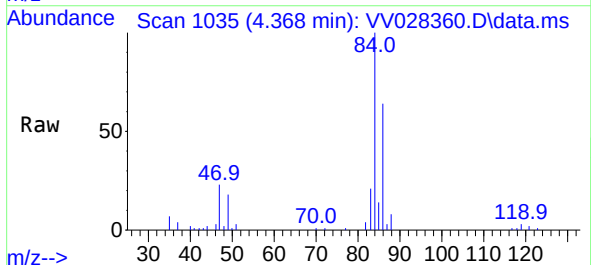
Instrument :
MSVOA_V
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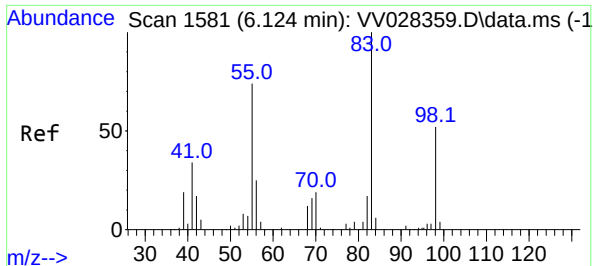
Tgt Ion: 84 Resp: 4229
Ion Ratio Lower Upper
84 100
86 55.2 46.8 86.8
49 115.0 87.5 162.5



#25
Chloroform
Concen: 0.350 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

Tgt Ion: 83 Resp: 8969
Ion Ratio Lower Upper
83 100
85 65.8 45.1 83.7





#35

Methylcyclohexane

Concen: 0.919 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV028360.D

Acq: 05 Oct 2022 11:51

Instrument :

MSVOA_V

ClientSampleId :

VBLK248

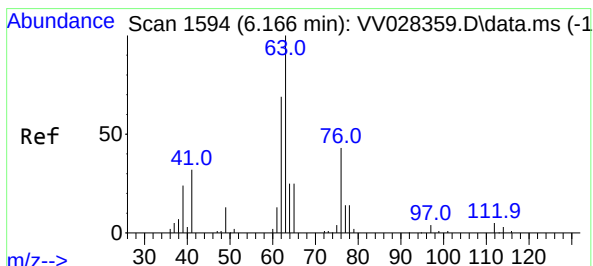
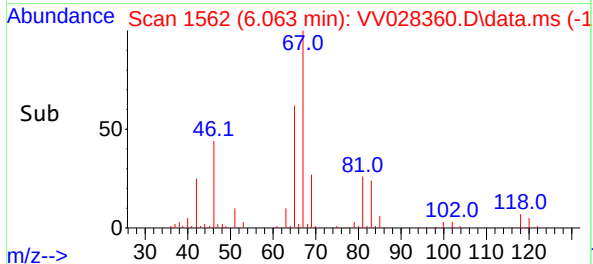
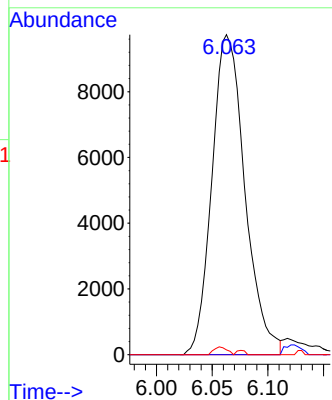
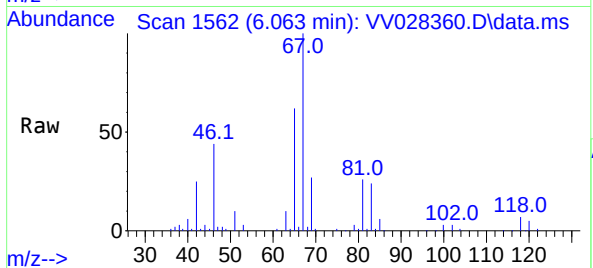
Tgt Ion: 83 Resp: 20098

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 1.0 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.681 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.106 min

Lab File: VV028360.D

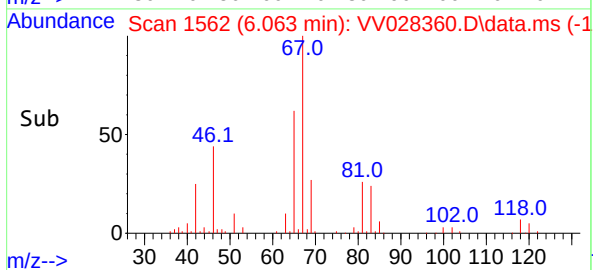
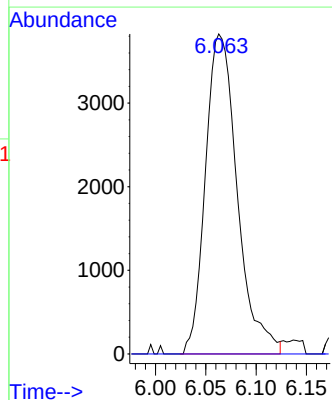
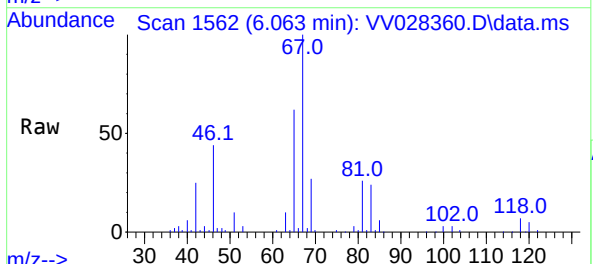
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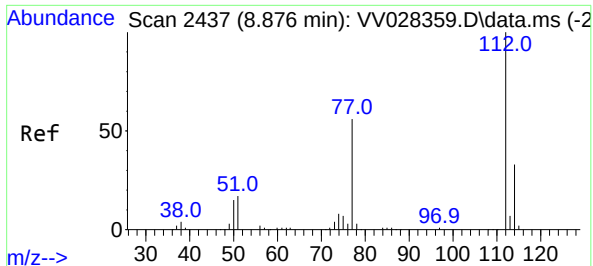
Tgt Ion: 63 Resp: 8434

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

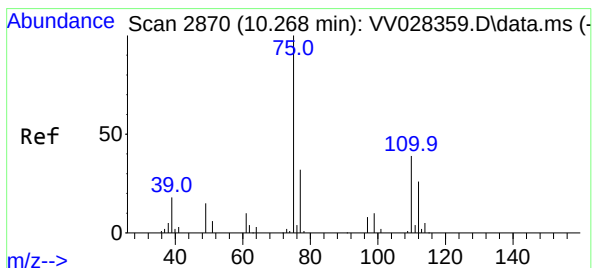
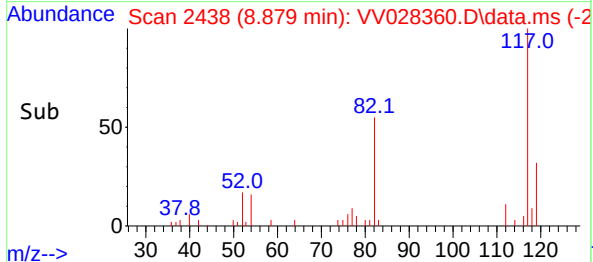
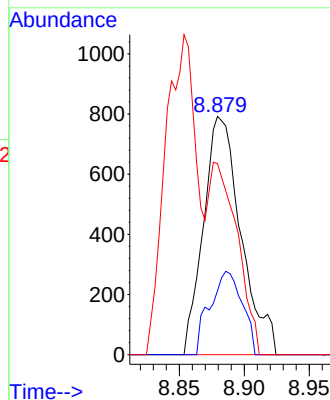
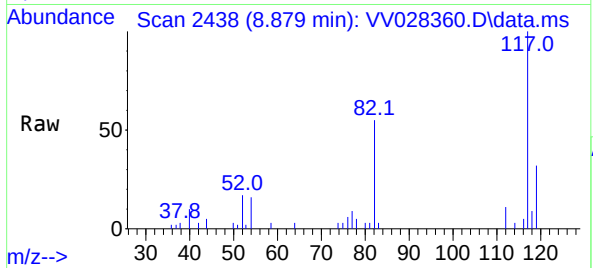




#51
Chlorobenzene
Concen: 0.042 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

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Tgt Ion:112 Resp: 1590
Ion Ratio Lower Upper
112 100
114 26.8 22.5 41.7
77 80.2 46.1 69.1#



#61
1,2,3-Trichloropropane
Concen: 0.115 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.911 min
Lab File: VV028360.D
Acq: 05 Oct 2022 11:51

Tgt Ion: 75 Resp: 761
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 10.4 30.1 45.1#

