

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028193.D
 Acq On : 29 Sep 2022 18:04
 Operator : SY/MD
 Sample : VV0929WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK239

Quant Time: Sep 30 01:49:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

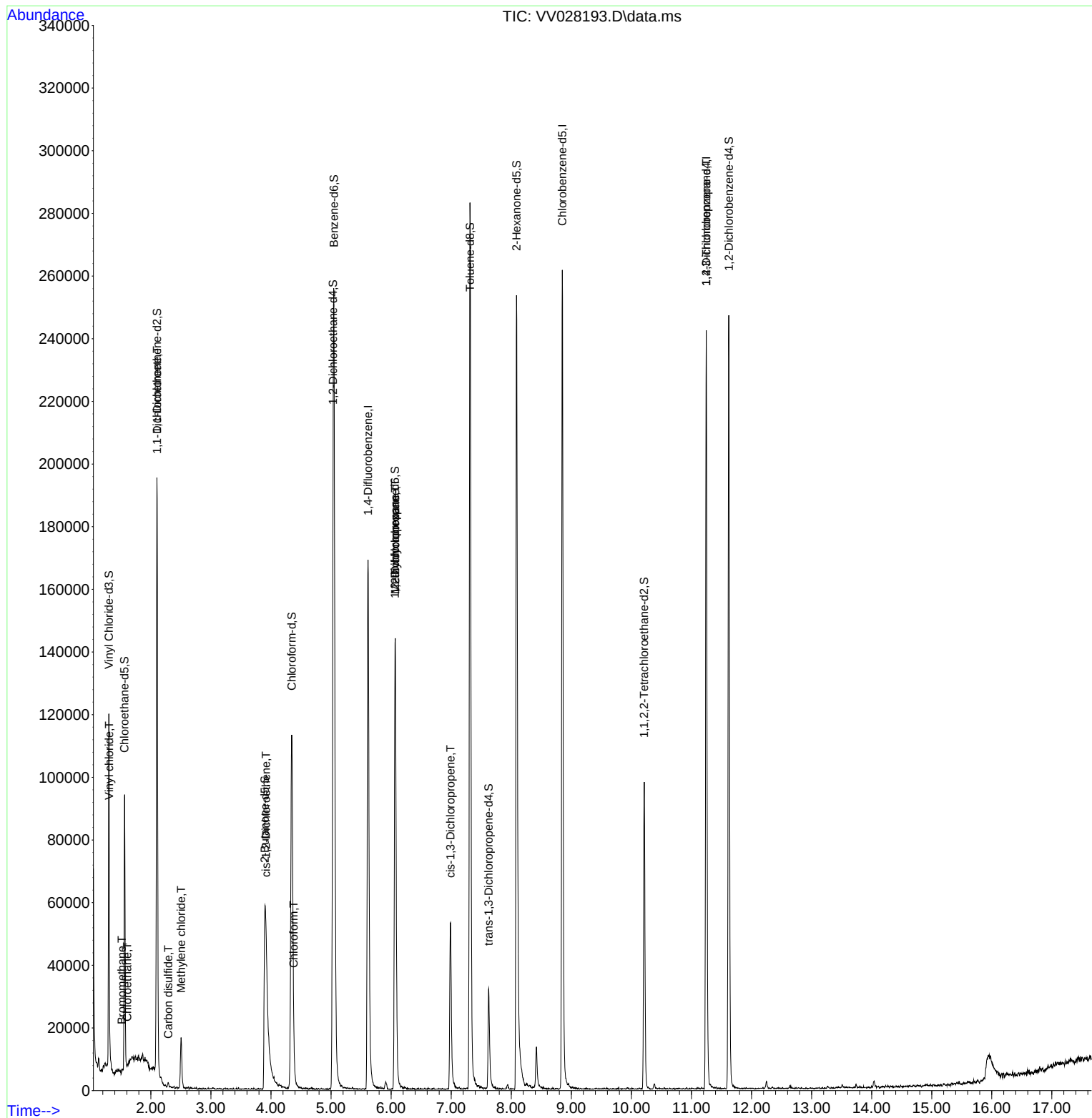
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	159337	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	72161	4.368	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.561	69	59467	4.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.101	63	97025	3.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.899	46	113428	40.673	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.340%
24) Chloroform-d	4.346	84	121036	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.034	65	57952	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.047	84	242544	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.066	67	72686	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.313	98	199170	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.622	79	21295	3.696	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.088	63	93542	38.903	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48009	4.404	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	69080	5.033	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	1523	0.123	ug/L #	1
6) Bromomethane	1.516	94	586	0.073	ug/L	87
8) Chloroethane	1.606	64	3574	0.431	ug/L #	53
12) 1,1-Dichloroethene	2.105	96	1048	0.095	ug/L #	1
14) Carbon disulfide	2.291	76	1649	0.078	ug/L #	74
16) Methylene chloride	2.503	84	7134	0.580	ug/L	84
22) cis-1,2-Dichloroethene	3.915	96	1490	0.118	ug/L #	63
25) Chloroform	4.378	83	2685	0.119	ug/L #	74
35) Methylcyclohexane	6.069	83	18146	1.227	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	7627	0.628	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1424	0.094	ug/L #	55
61) 1,2,3-Trichloropropane	11.246	75	6924	1.180	ug/L #	64

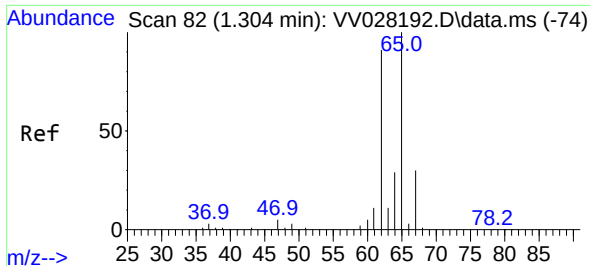
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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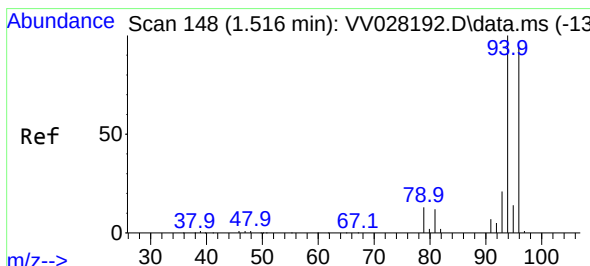
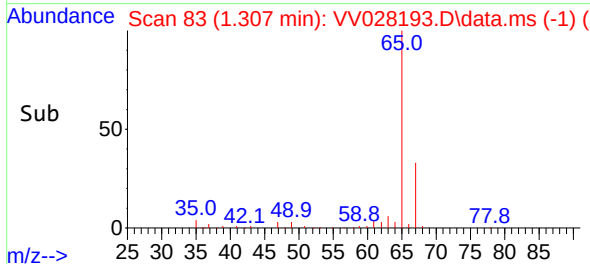
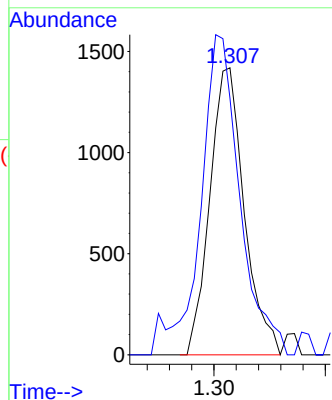
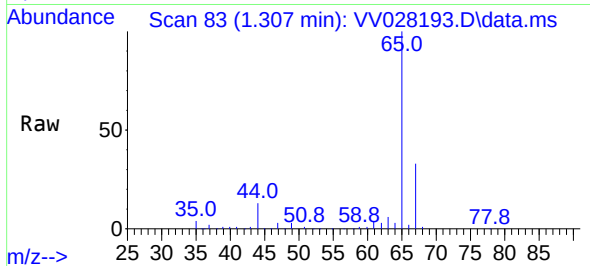




#5
 Vinyl chloride
 Concen: 0.123 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028193.D
 Acq: 29 Sep 2022 18:04

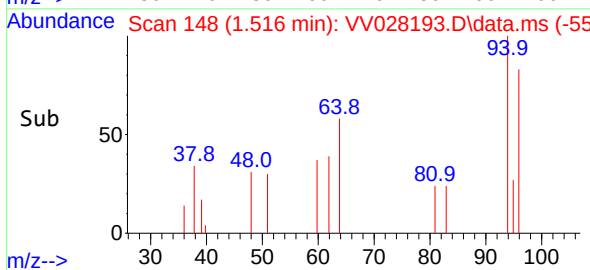
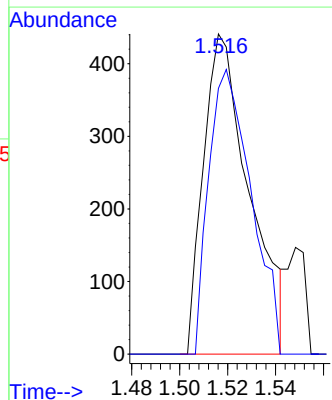
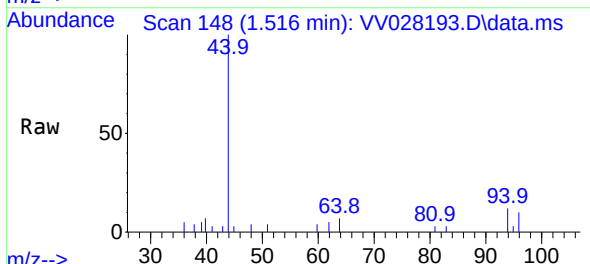
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK239

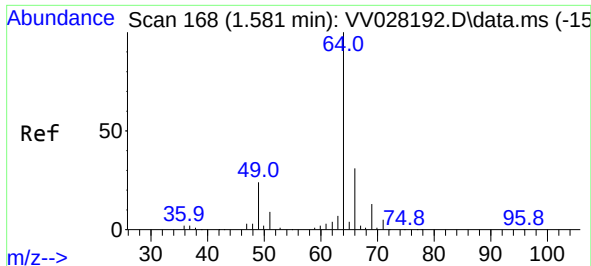
Tgt Ion: 62 Resp: 1523
 Ion Ratio Lower Upper
 62 100
 64 89.4 23.0 42.8#



#6
 Bromomethane
 Concen: 0.073 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028193.D
 Acq: 29 Sep 2022 18:04

Tgt Ion: 94 Resp: 586
 Ion Ratio Lower Upper
 94 100
 96 83.0 66.7 123.9

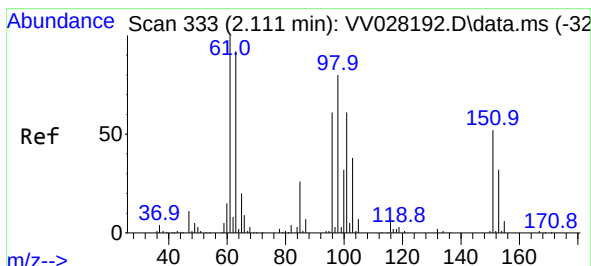
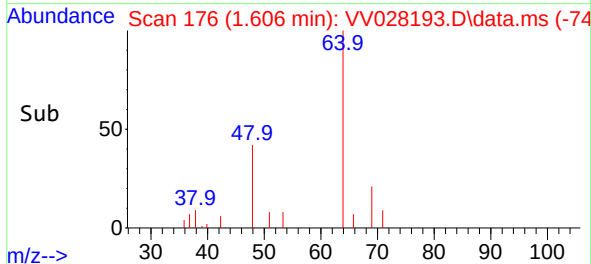
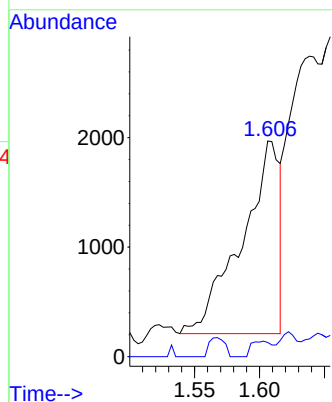
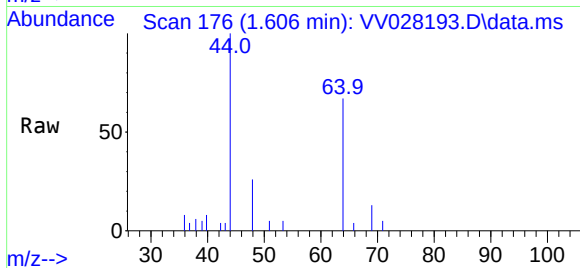




#8
Chloroethane
Concen: 0.431 ug/L
RT: 1.606 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV028193.D
Acq: 29 Sep 2022 18:04

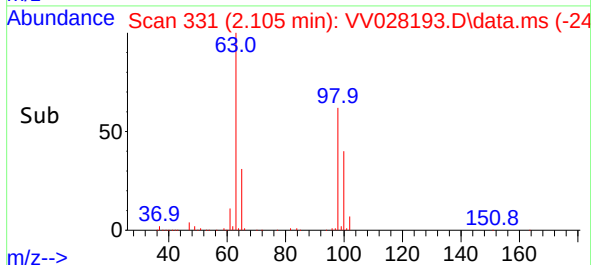
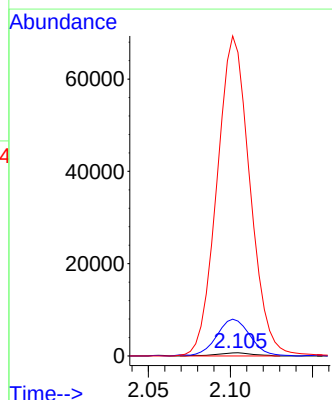
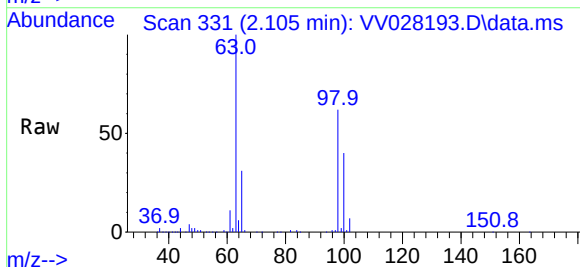
Instrument :
MSVOA_V
ClientSampleId :
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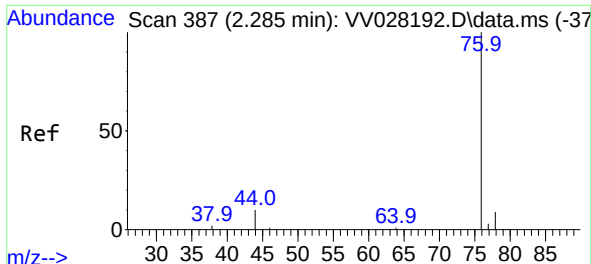
Tgt Ion: 64 Resp: 3574
Ion Ratio Lower Upper
64 100
66 6.6 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.095 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028193.D
Acq: 29 Sep 2022 18:04

Tgt Ion: 96 Resp: 1048
Ion Ratio Lower Upper
96 100
61 1062.1 128.3 238.3#
63 9237.1 112.7 209.3#

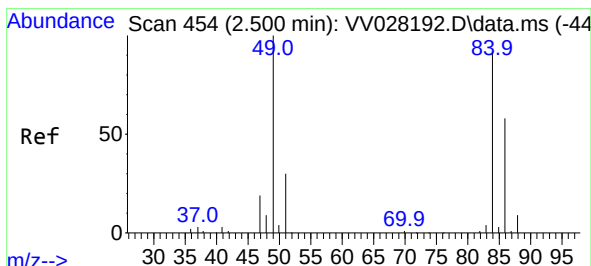
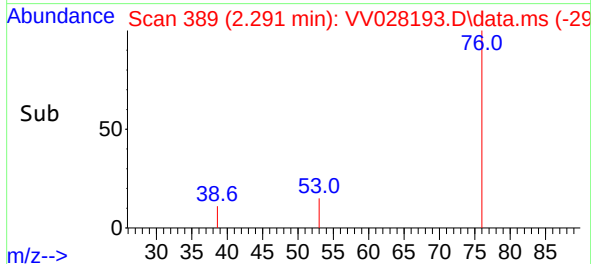
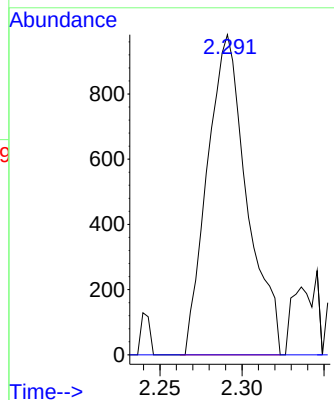
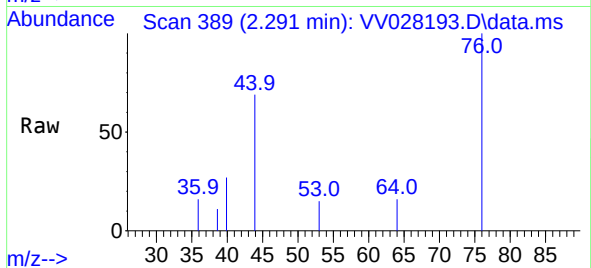




#14
Carbon disulfide
Concen: 0.078 ug/L
RT: 2.291 min Scan# 387
Delta R.T. 0.006 min
Lab File: VV028193.D
Acq: 29 Sep 2022 18:04

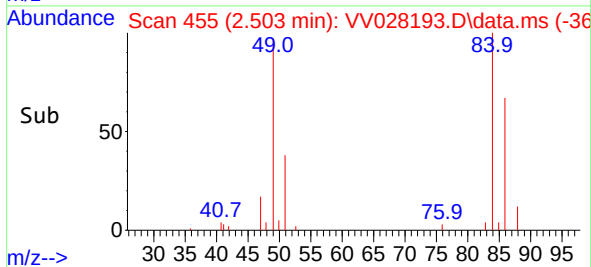
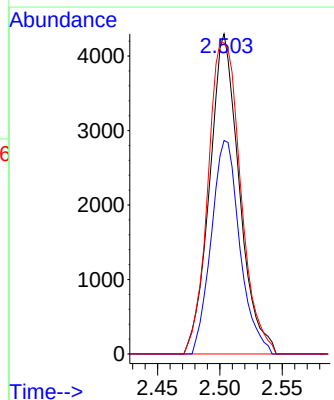
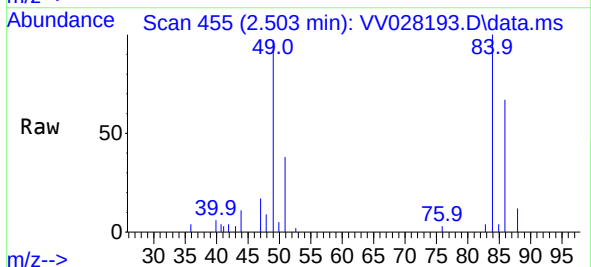
Instrument :
MSVOA_V
ClientSampleId :
VBLK239

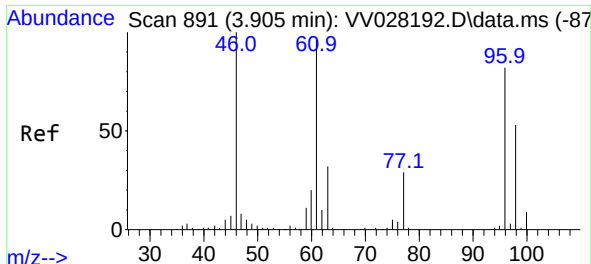
Tgt Ion: 76 Resp: 1649
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#16
Methylene chloride
Concen: 0.580 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV028193.D
Acq: 29 Sep 2022 18:04

Tgt Ion: 84 Resp: 7134
Ion Ratio Lower Upper
84 100
86 66.7 46.8 86.8
49 97.2 87.5 162.5

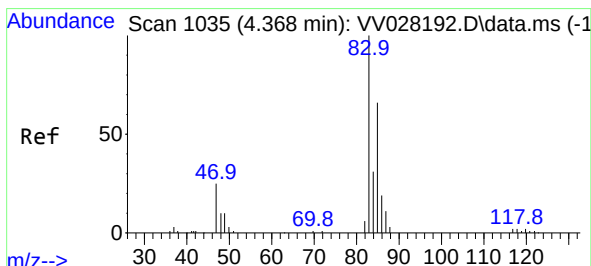
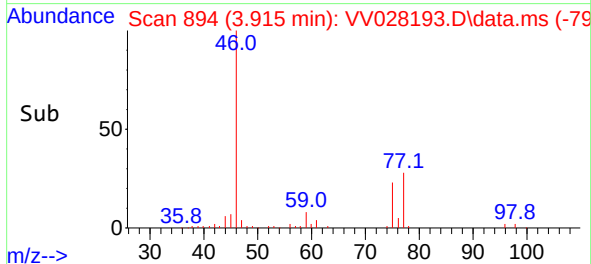
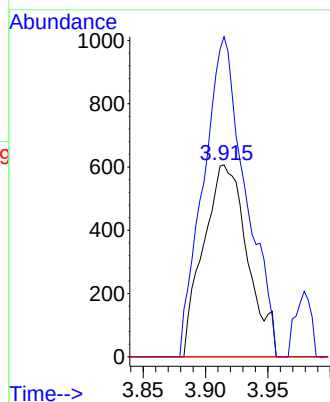
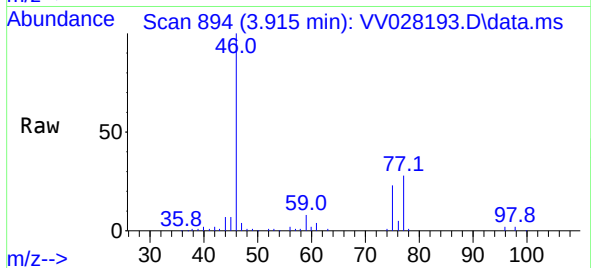




#22
 cis-1,2-Dichloroethene
 Concen: 0.118 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.016 min
 Lab File: VV028193.D
 Acq: 29 Sep 2022 18:04

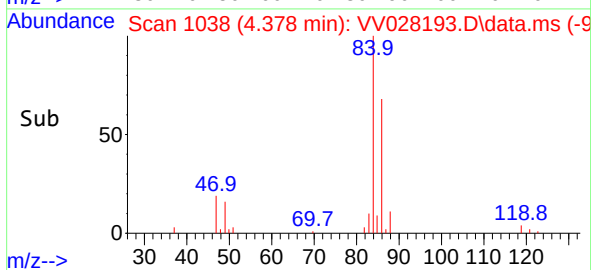
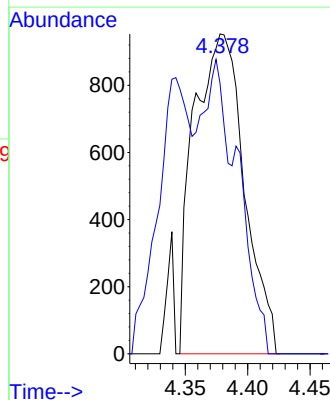
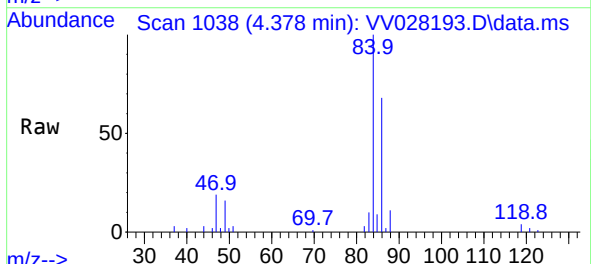
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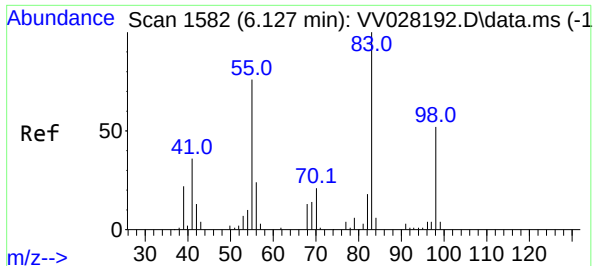
Tgt Ion: 96 Resp: 1490
 Ion Ratio Lower Upper
 96 100
 61 166.7 87.2 161.9#
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.119 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.016 min
 Lab File: VV028193.D
 Acq: 29 Sep 2022 18:04

Tgt Ion: 83 Resp: 2685
 Ion Ratio Lower Upper
 83 100
 85 84.5 45.1 83.7#





#35

Methylcyclohexane

Concen: 1.227 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.052 min

Lab File: VV028193.D

Acq: 29 Sep 2022 18:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK239

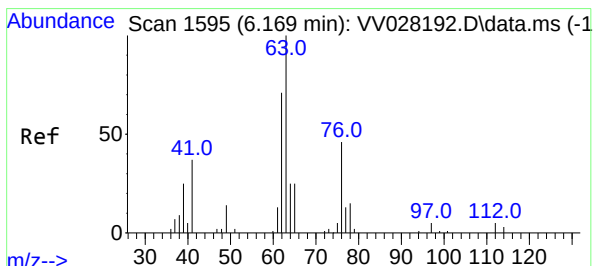
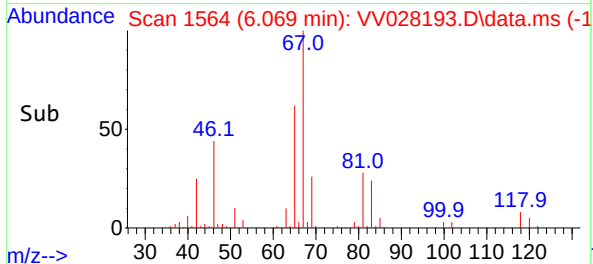
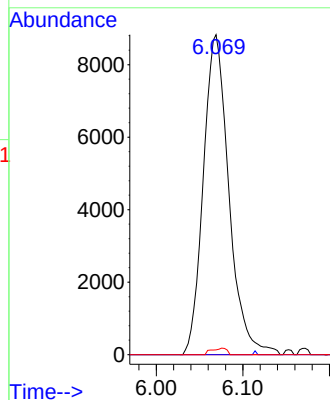
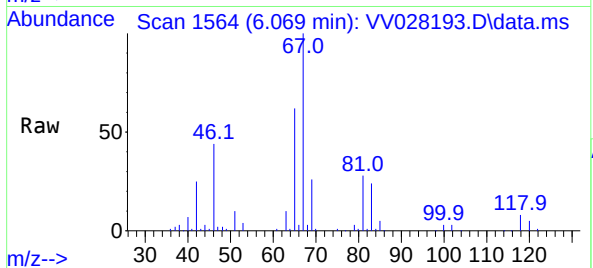
Tgt Ion: 83 Resp: 18146

Ion Ratio Lower Upper

83 100

55 0.1 64.7 97.1#

98 1.2 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.097 min

Lab File: VV028193.D

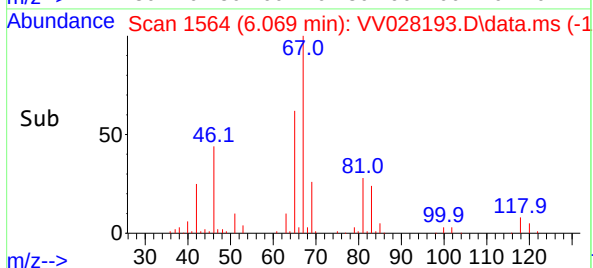
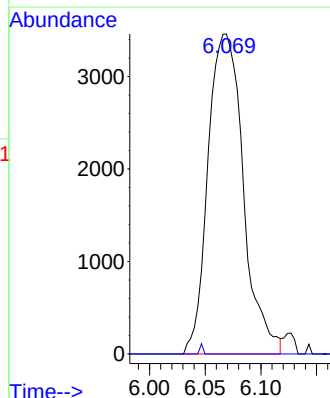
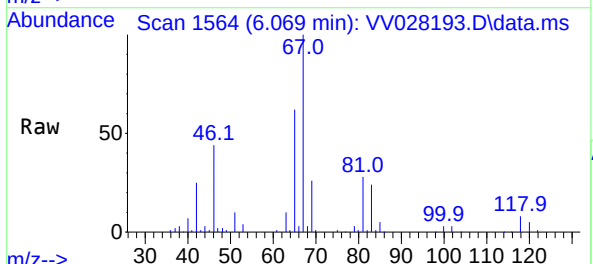
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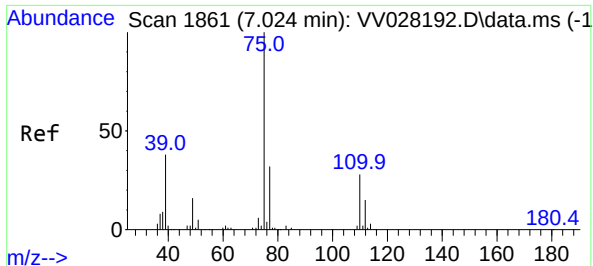
Tgt Ion: 63 Resp: 7627

Ion Ratio Lower Upper

63 100

112 0.3 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV028193.D

Acq: 29 Sep 2022 18:04

Instrument :

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ClientSampleId :

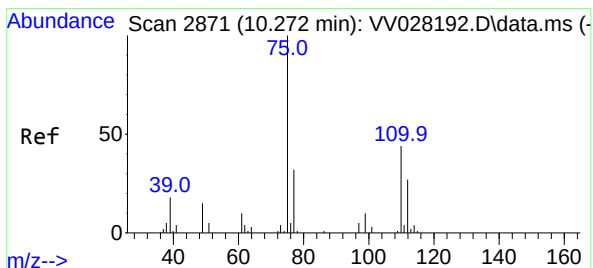
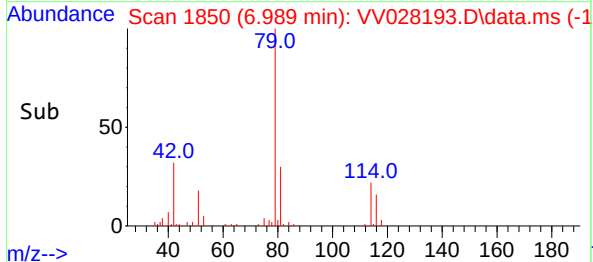
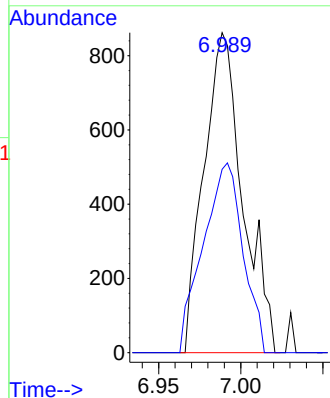
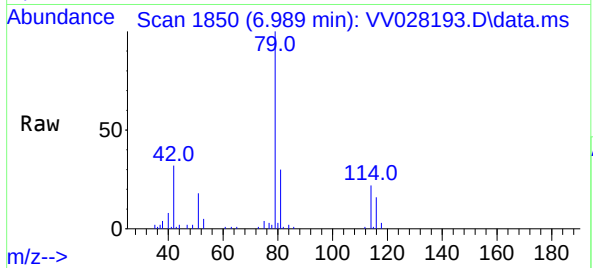
VBLK239

Tgt Ion: 75 Resp: 1424

Ion Ratio Lower Upper

75 100

77 57.3 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.180 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028193.D

Acq: 29 Sep 2022 18:04

Tgt Ion: 75 Resp: 6924

Ion Ratio Lower Upper

75 100

77 28.8 26.7 40.1

110 0.9 30.1 45.1#

