

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112922\
 Data File : VV029378.D
 Acq On : 29 Nov 2022 11:20
 Operator : SY/MD
 Sample : N5710-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

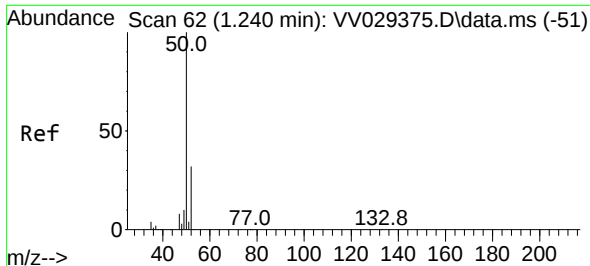
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK002

Quant Time: Nov 30 00:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 30 00:19:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	294486	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	268598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	140001	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84891	4.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.564	69	66611	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.101	63	105250	3.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.912	46	141166	46.563	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.120%
24) Chloroform-d	4.339	84	165026	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.024	65	78088	5.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.043	84	362887	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.063	67	109471	5.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.307	98	332392	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.616	79	41187	5.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.085	63	159123	55.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.020%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	75048	5.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	129624	5.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2389	0.119	ug/L	98
8) Chloroethane	1.304	64	967	0.081	ug/L #	1
16) Methylene chloride	2.503	84	7493	0.324	ug/L	95
35) Methylcyclohexane	6.063	83	25192	0.728	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	11108	0.587	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2650	0.096	ug/L #	50
61) 1,2,3-Trichloropropane	11.236	75	15572	1.604	ug/L #	66

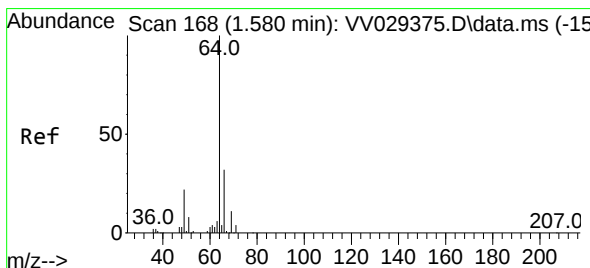
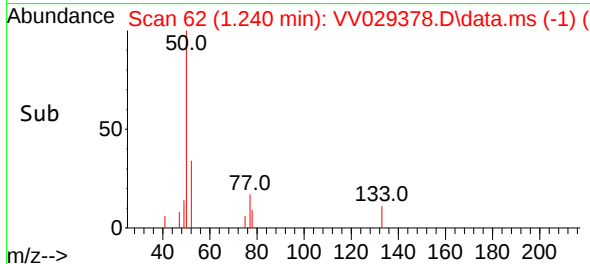
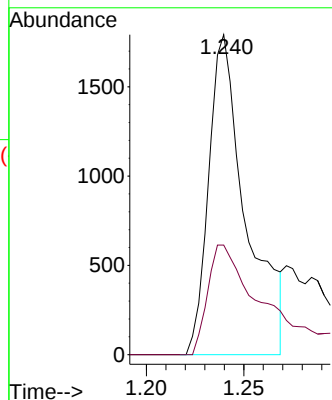
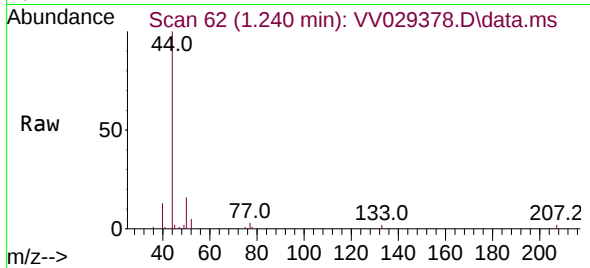
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.119 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029378.D
Acq: 29 Nov 2022 11:20

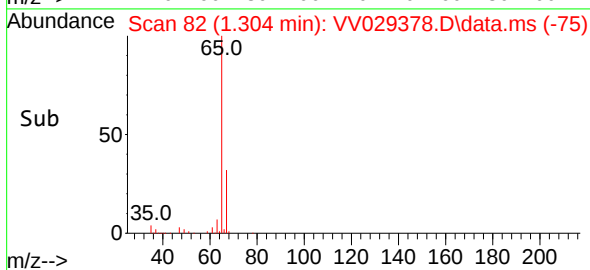
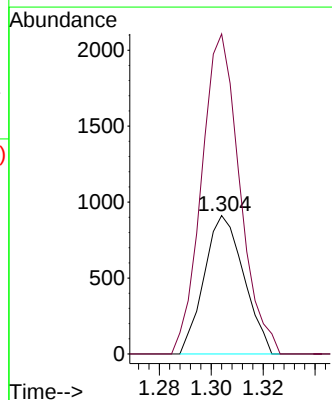
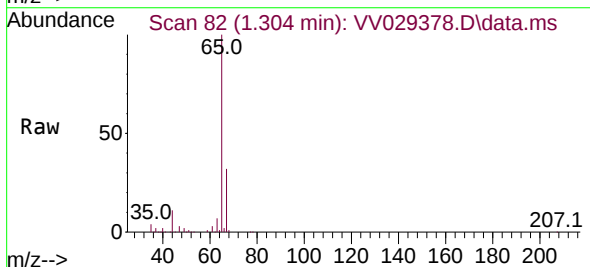
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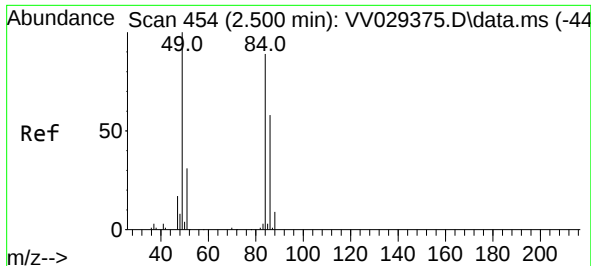
Tgt Ion: 50 Resp: 2389
Ion Ratio Lower Upper
50 100
52 34.3 23.2 43.2



#8
Chloroethane
Concen: 0.081 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.276 min
Lab File: VV029378.D
Acq: 29 Nov 2022 11:20

Tgt Ion: 64 Resp: 967
Ion Ratio Lower Upper
64 100
66 231.3 23.5 43.7#

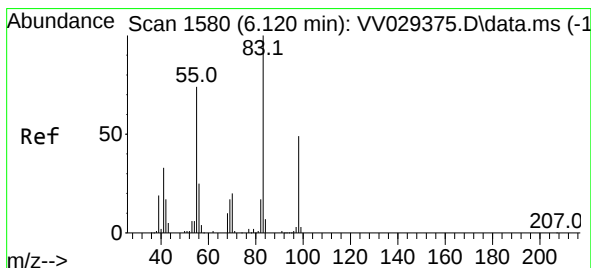
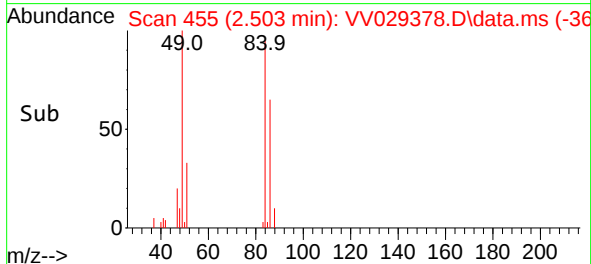
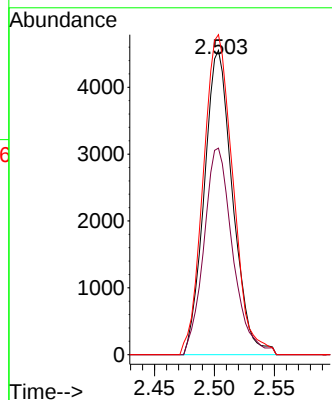
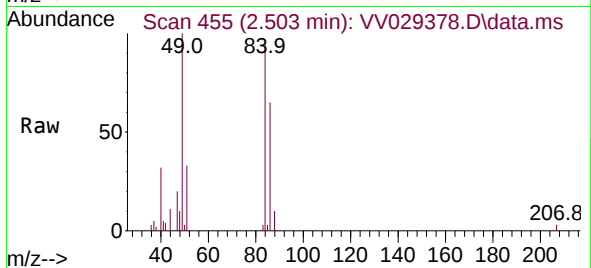




#16
Methylene chloride
Concen: 0.324 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029378.D
Acq: 29 Nov 2022 11:20

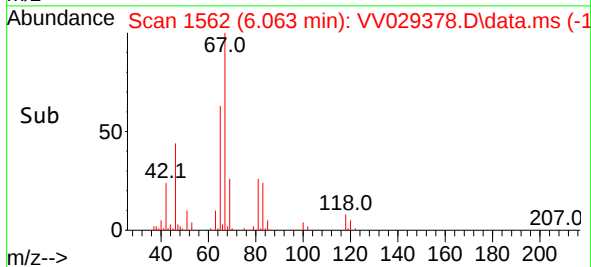
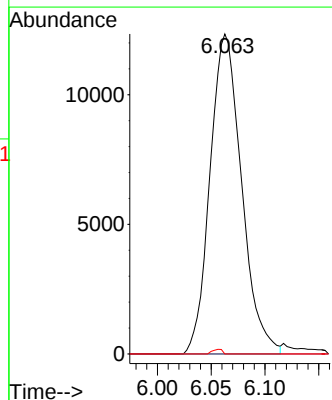
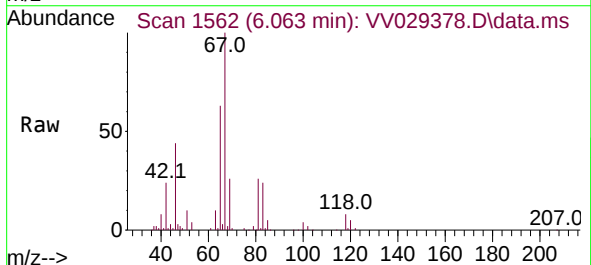
Instrument :
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ClientSampleId :
VHBLK002

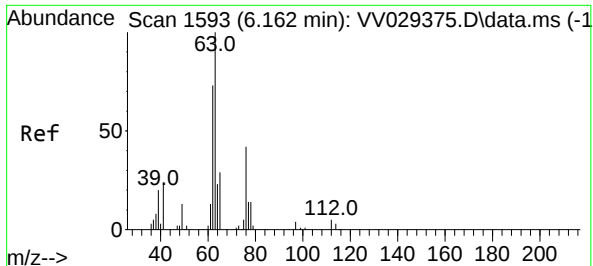
Tgt Ion: 84 Resp: 7493
Ion Ratio Lower Upper
84 100
86 67.9 45.6 84.6
49 105.2 77.8 144.4



#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029378.D
Acq: 29 Nov 2022 11:20

Tgt Ion: 83 Resp: 25192
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.5 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029378.D

Acq: 29 Nov 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

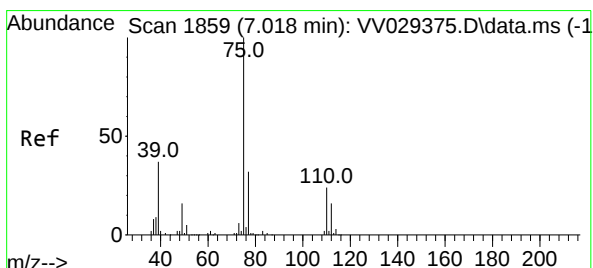
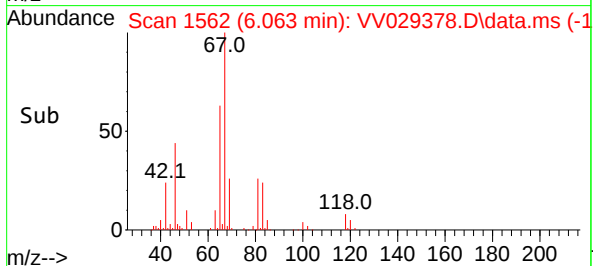
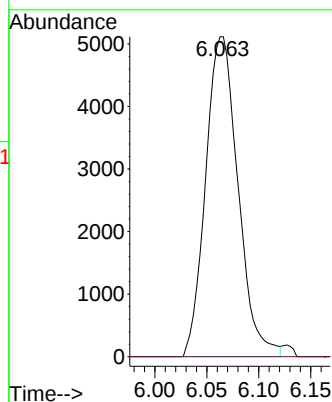
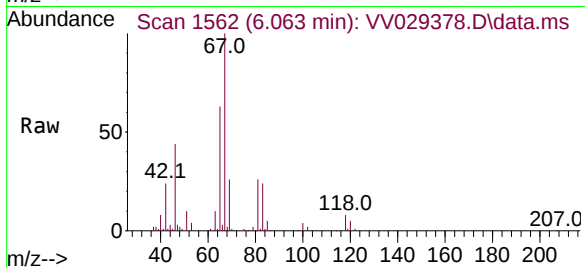
VHBLK002

Tgt Ion: 63 Resp: 11108

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.039 min

Lab File: VV029378.D

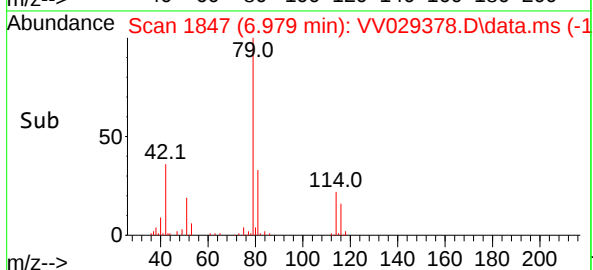
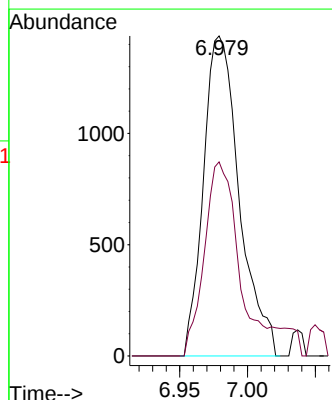
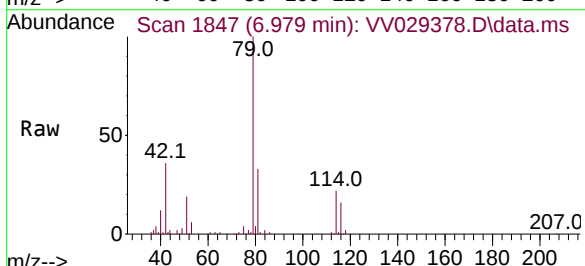
Acq: 29 Nov 2022 11:20

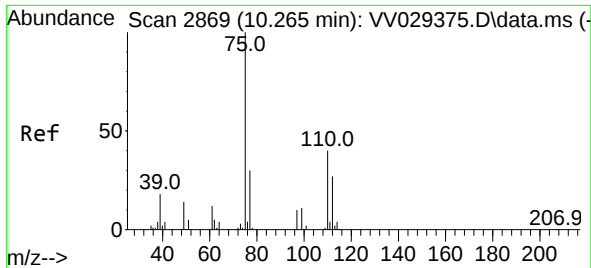
Tgt Ion: 75 Resp: 2650

Ion Ratio Lower Upper

75 100

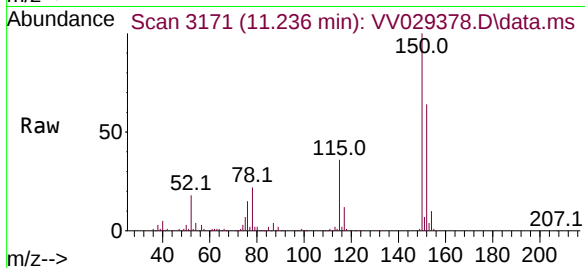
77 60.6 22.7 42.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.604 ug/L
 RT: 11.236 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029378.D
 Acq: 29 Nov 2022 11:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK002



Tgt Ion: 75 Resp: 15572
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.7 40.1
 110 2.1 32.2 48.4#

