

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
 Data File : VV028388.D
 Acq On : 05 Oct 2022 23:22
 Operator : SY/MD
 Sample : N4900-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:35:40 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)

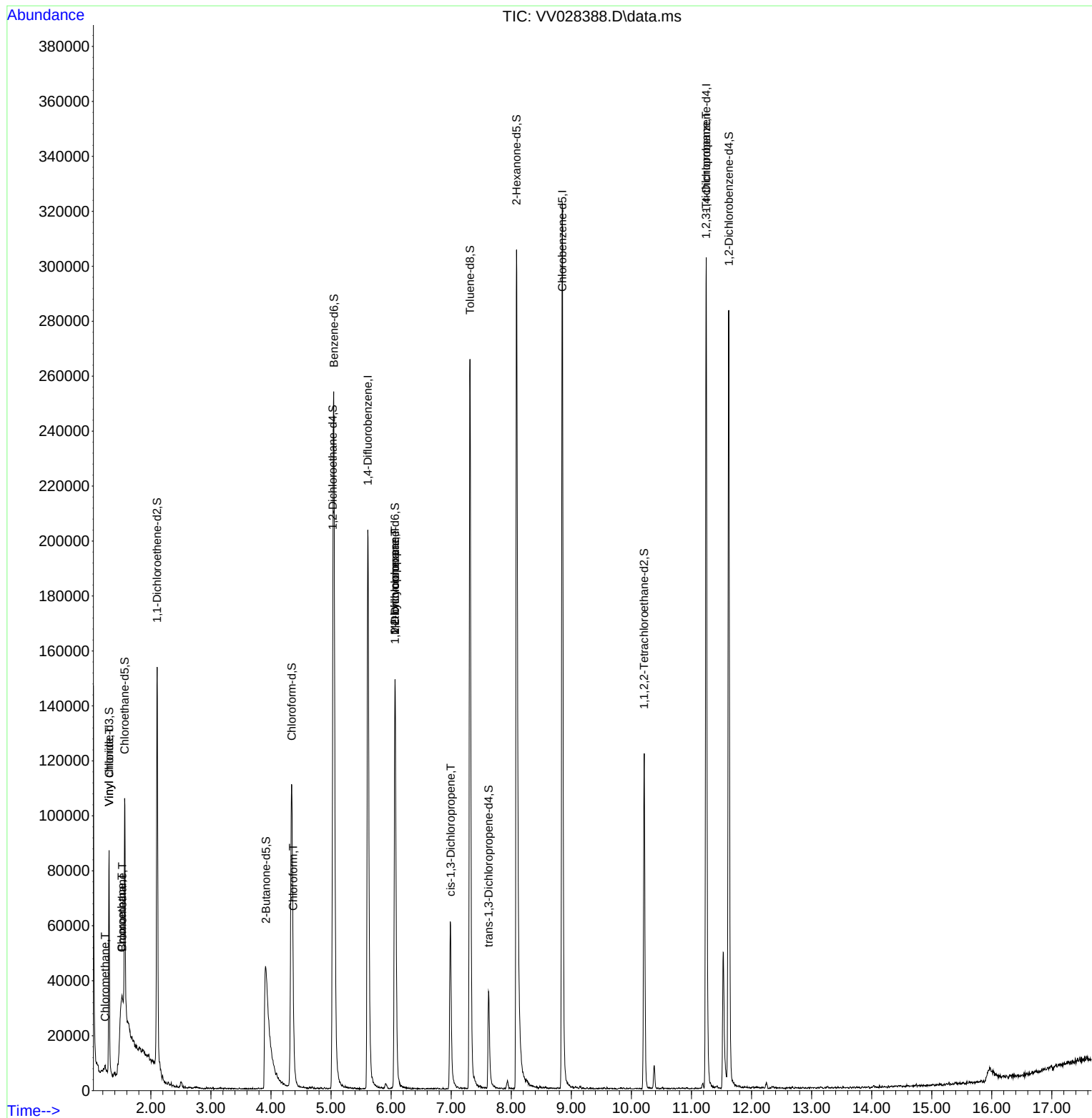
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	188516	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	190664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	88352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49129	3.468	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.564	69	50755	4.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.105	63	74416	2.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.800%#
20) 2-Butanone-d5	3.915	46	146264	61.029	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.060%
24) Chloroform-d	4.346	84	123624	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.031	65	61553	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.047	84	237334	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.066	67	78786	5.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.313	98	190766	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.622	79	23845	4.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.088	63	124089	53.053	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60972	5.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	79896	5.255	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	912	0.063	ug/L	96
5) Vinyl chloride	1.304	62	920	0.057	ug/L #	1
6) Bromomethane	1.523	94	375	0.049	ug/L	83
8) Chloroethane	1.516	64	70191	6.509	ug/L #	48
25) Chloroform	4.368	83	5903	0.224	ug/L	90
35) Methylcyclohexane	6.066	83	18753	0.808	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8086	0.615	ug/L #	87
39) cis-1,3-Dichloropropene	6.992	75	1581	0.084	ug/L #	72
61) 1,2,3-Trichloropropane	11.243	75	9300	1.364	ug/L #	65

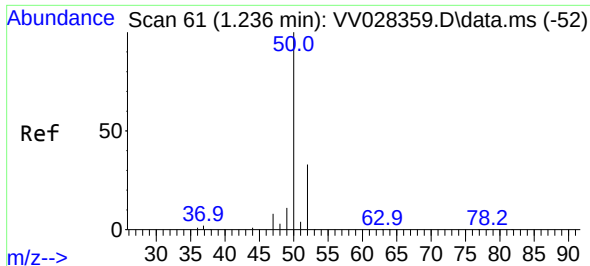
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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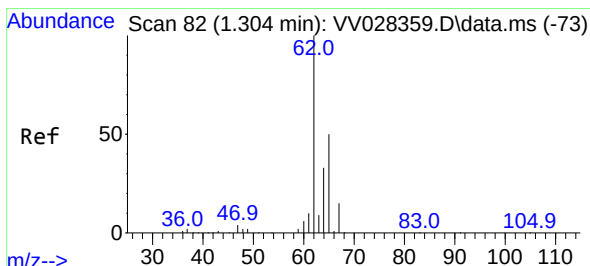
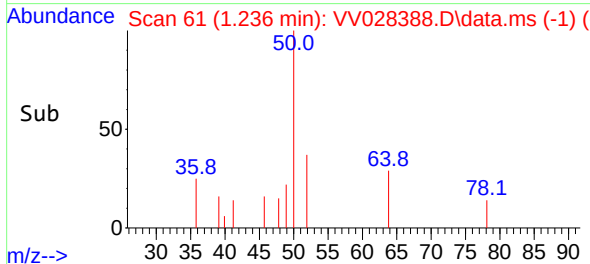
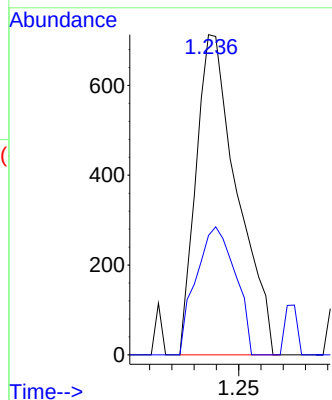
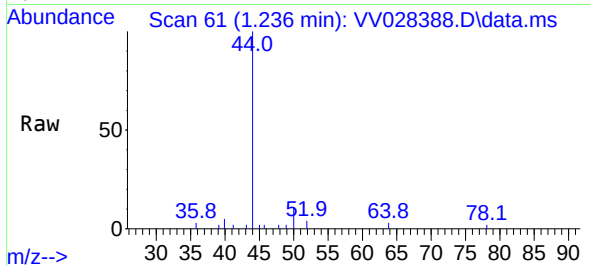




#3
Chloromethane
Concen: 0.063 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028388.D
Acq: 05 Oct 2022 23:22

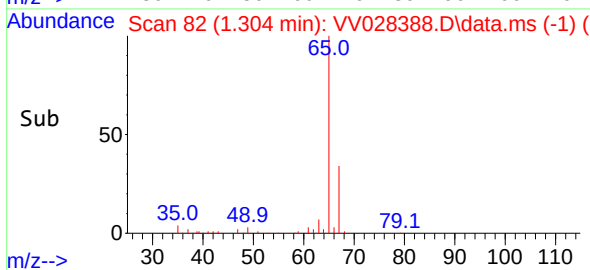
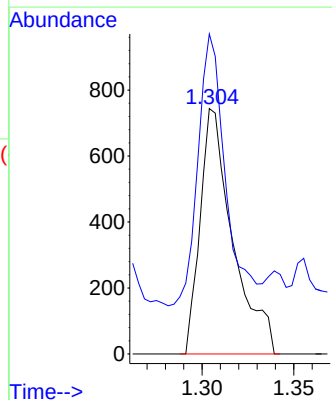
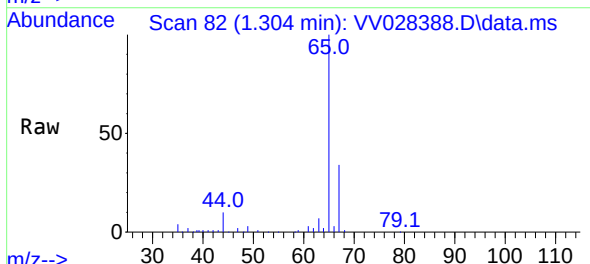
Instrument :
MSVOA_V
ClientSampleId :

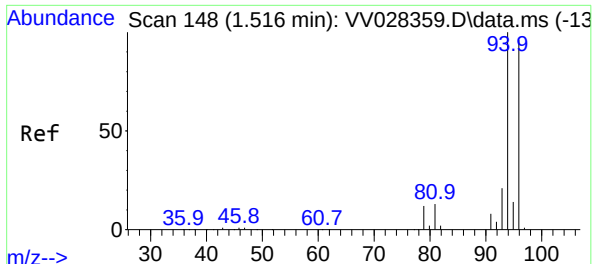
Tgt Ion: 50 Resp: 912
Ion Ratio Lower Upper
50 100
52 37.3 24.4 45.2



#5
Vinyl chloride
Concen: 0.057 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028388.D
Acq: 05 Oct 2022 23:22

Tgt Ion: 62 Resp: 920
Ion Ratio Lower Upper
62 100
64 130.4 23.0 42.8#

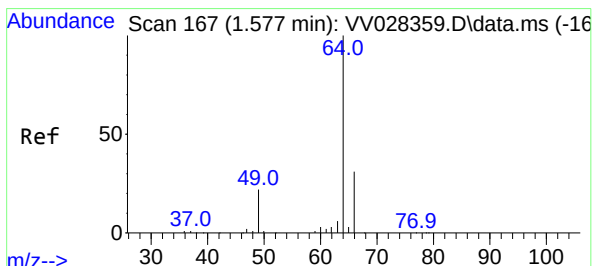
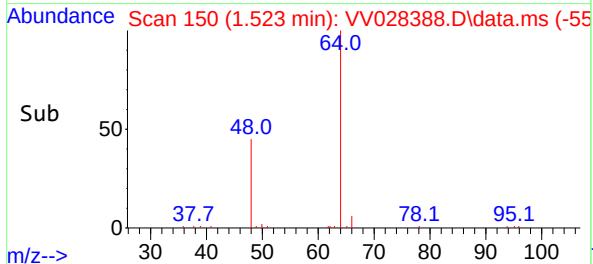
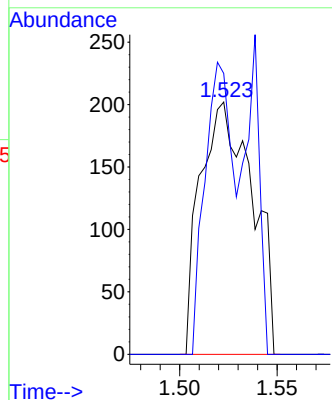
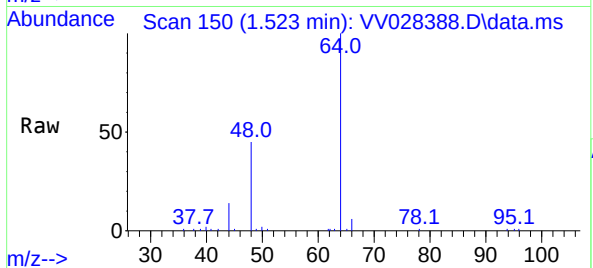




#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV028388.D
Acq: 05 Oct 2022 23:22

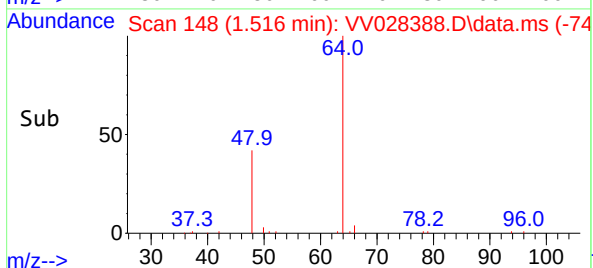
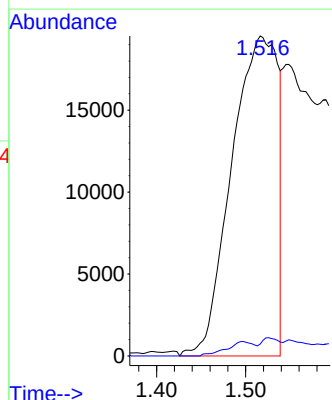
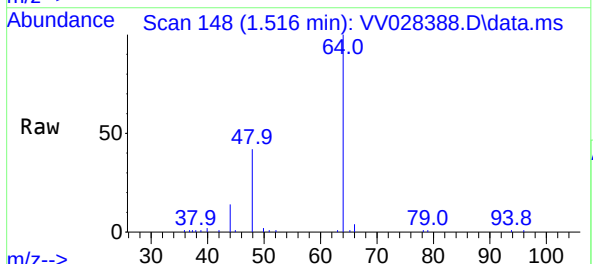
Instrument :
MSVOA_V
ClientSampleId :

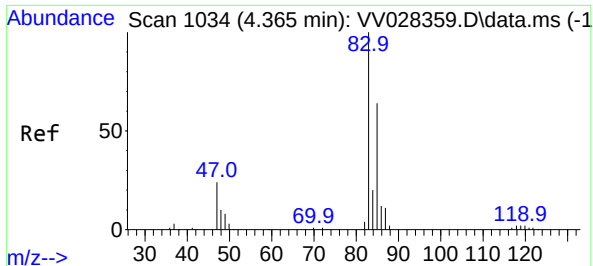
Tgt Ion: 94 Resp: 375
Ion Ratio Lower Upper
94 100
96 111.4 66.7 123.9



#8
Chloroethane
Concen: 6.509 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.061 min
Lab File: VV028388.D
Acq: 05 Oct 2022 23:22

Tgt Ion: 64 Resp: 70191
Ion Ratio Lower Upper
64 100
66 3.7 23.0 42.8#





#25

Chloroform

Concen: 0.224 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028388.D

Acq: 05 Oct 2022 23:22

Instrument :

MSVOA_V

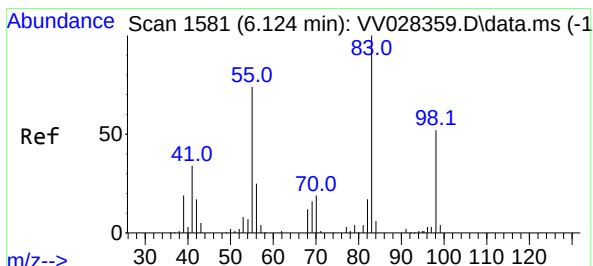
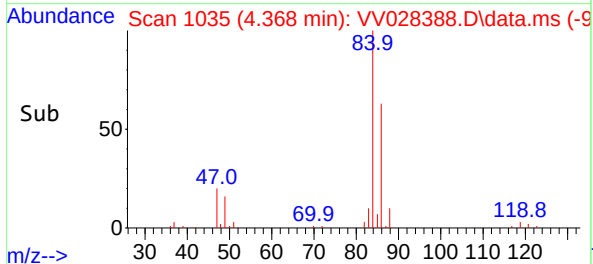
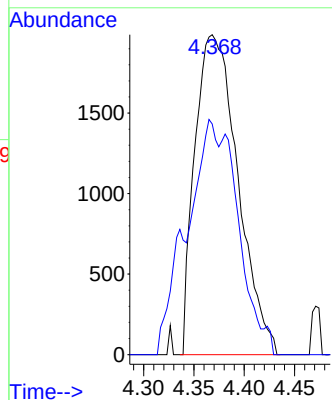
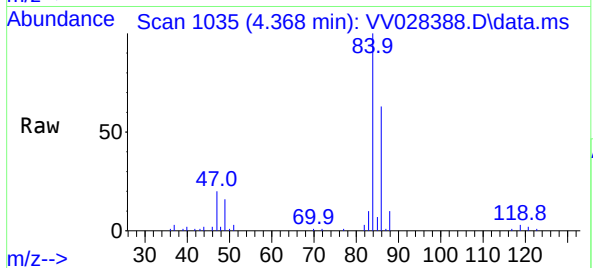
ClientSampleId :

Tgt Ion: 83 Resp: 5903

Ion Ratio Lower Upper

83 100

85 72.1 45.1 83.7



#35

Methylcyclohexane

Concen: 0.808 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028388.D

Acq: 05 Oct 2022 23:22

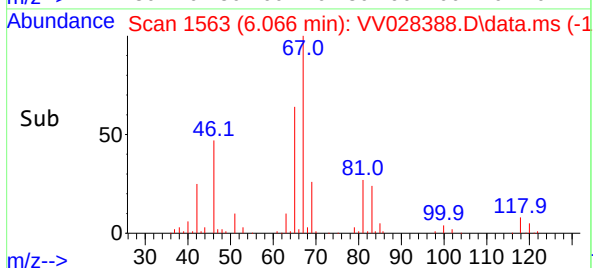
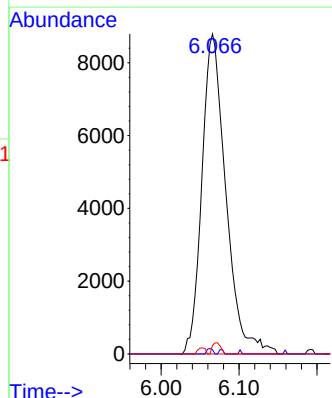
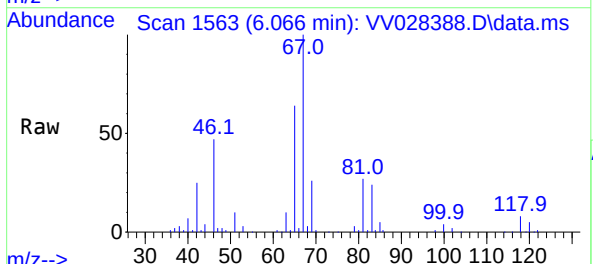
Tgt Ion: 83 Resp: 18753

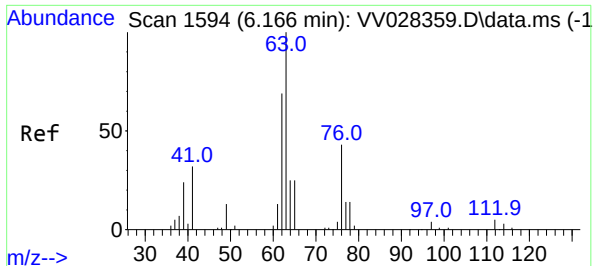
Ion Ratio Lower Upper

83 100

55 0.4 64.7 97.1#

98 0.6 39.5 59.3#

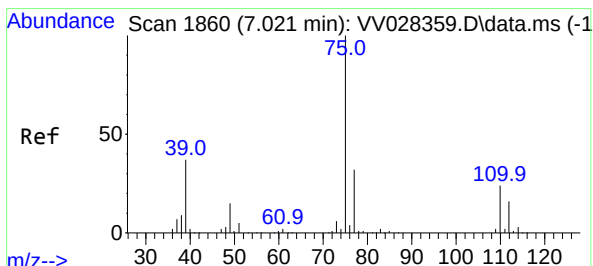
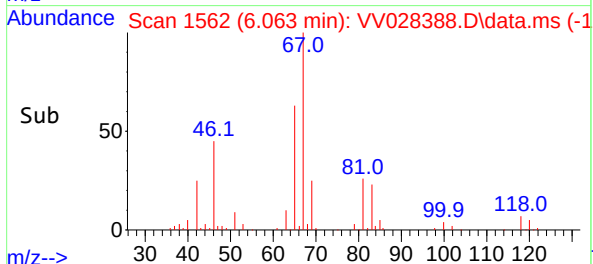
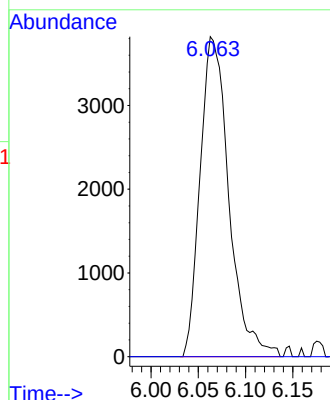
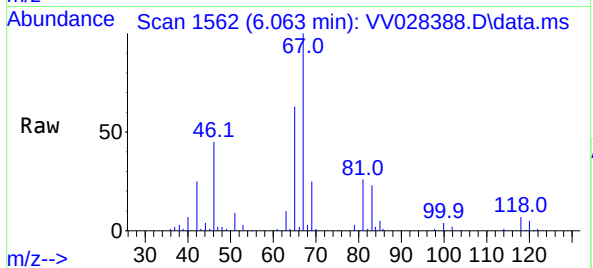




#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028388.D
Acq: 05 Oct 2022 23:22

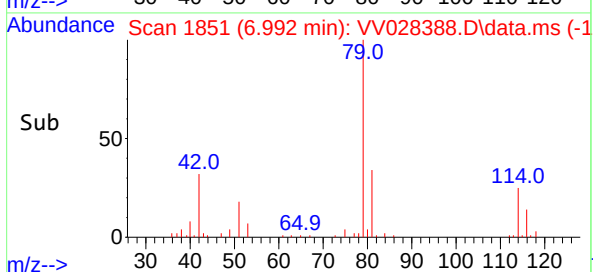
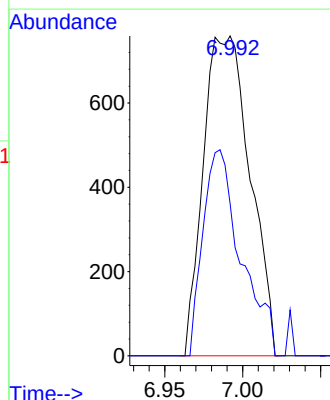
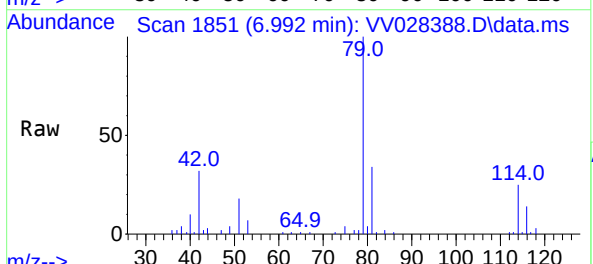
Instrument :
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ClientSampleId :

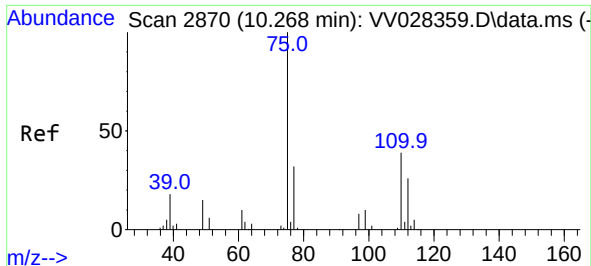
Tgt Ion: 63 Resp: 8086
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.032 min
Lab File: VV028388.D
Acq: 05 Oct 2022 23:22

Tgt Ion: 75 Resp: 1581
Ion Ratio Lower Upper
75 100
77 47.6 22.4 41.6#





#61

1,2,3-Trichloropropane

Concen: 1.364 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.971 min

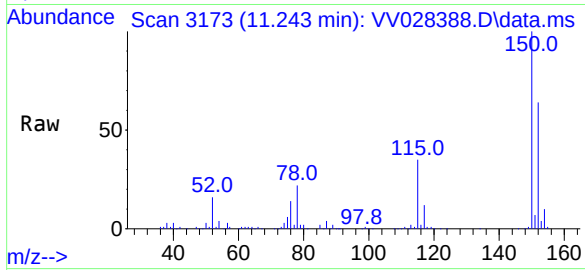
Lab File: VV028388.D

Acq: 05 Oct 2022 23:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9300

Ion Ratio Lower Upper

75 100

77 29.6 26.7 40.1

110 1.6 30.1 45.1#

