

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092822\
 Data File : VW028170.D
 Acq On : 28 Sep 2022 19:42
 Operator : SY/MD
 Sample : N4730-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

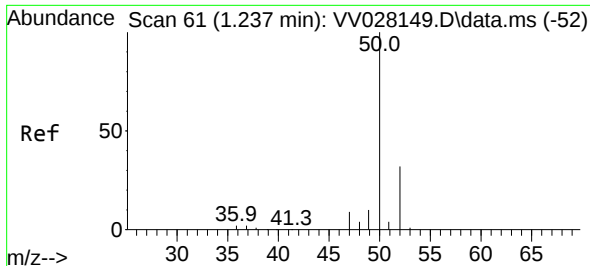
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ9

Quant Time: Sep 29 01:31:25 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	5.613	114	145596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	43514	2.883	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.561	69	44444	3.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.098	63	61443	2.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.000%#
20) 2-Butanone-d5	3.896	46	119080	46.729	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.460%
24) Chloroform-d	4.339	84	101916	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.027	65	50854	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.043	84	176705	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.063	67	57089	3.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.313	98	138043	3.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	7.622	79	18604	3.482	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.088	63	106598	47.804	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48992	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	70485	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	535	0.037	ug/L #	35
5) Vinyl chloride	1.304	62	69627	6.167	ug/L	98
8) Chloroethane	1.439	64	68011	8.983	ug/L #	49
12) 1,1-Dichloroethene	2.098	96	855	0.085	ug/L #	1
14) Carbon disulfide	2.285	76	2095	0.108	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	35087	3.984	ug/L	98
19) 1,1-Dichloroethane	3.191	63	4864	0.253	ug/L #	92
22) cis-1,2-Dichloroethene	3.905	96	60695	5.252	ug/L	88
33) Benzene	5.098	78	12913	0.321	ug/L	100
34) Trichloroethene	5.918	95	2530	0.253	ug/L	88
35) Methylcyclohexane	6.063	83	14742	1.075	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	6107	0.542	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1217	0.087	ug/L #	73
61) 1,2,3-Trichloropropane	11.246	75	6281	1.050	ug/L #	65

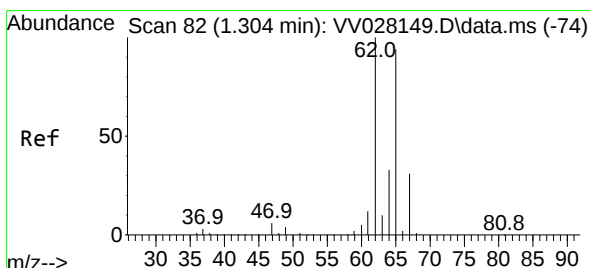
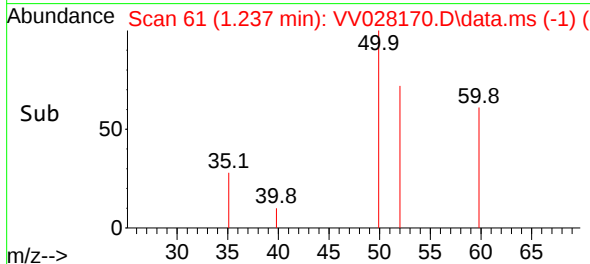
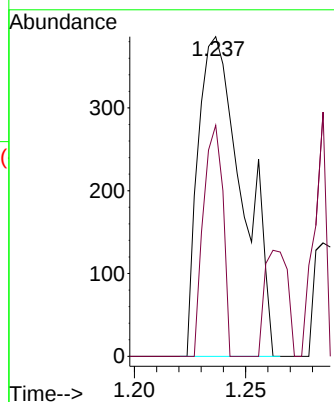
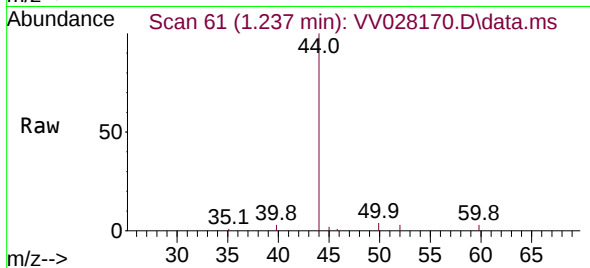
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

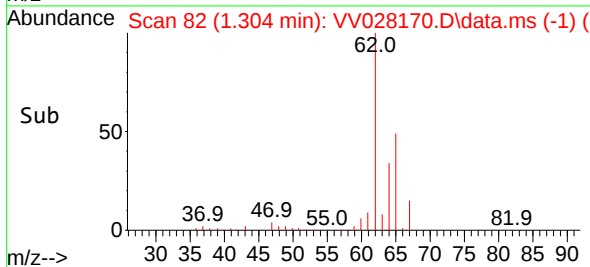
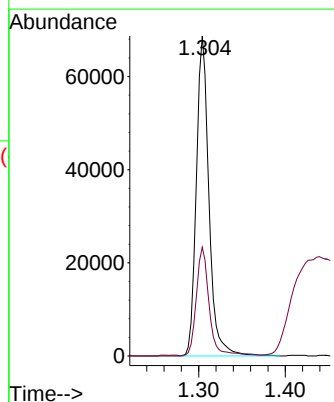
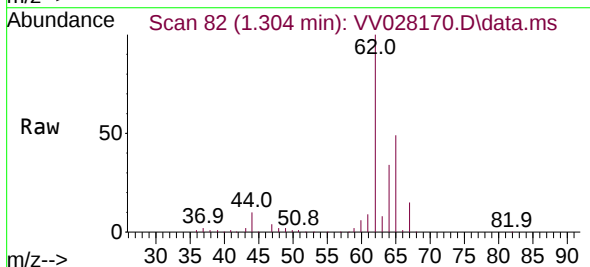
Instrument :
MSVOA_V
ClientSampleId :
EXFQ9

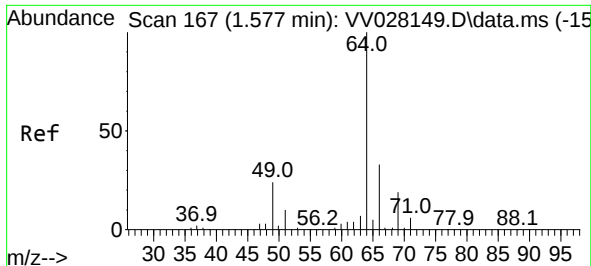
Tgt Ion: 50 Resp: 535
Ion Ratio Lower Upper
50 100
52 72.3 24.4 45.2#



#5
Vinyl chloride
Concen: 6.167 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

Tgt Ion: 62 Resp: 69627
Ion Ratio Lower Upper
62 100
64 34.0 23.0 42.8

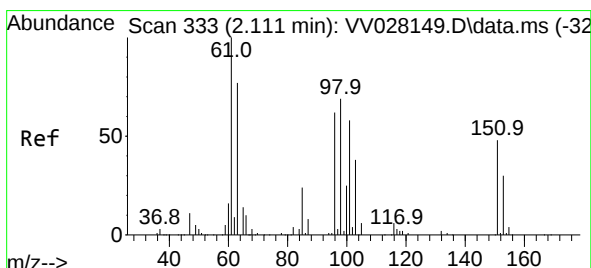
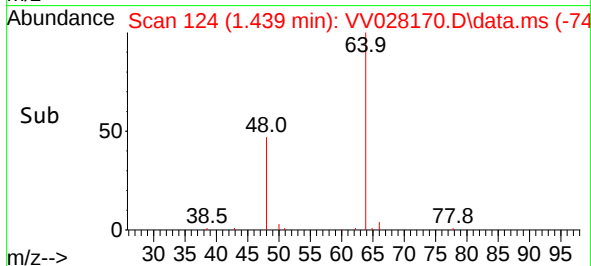
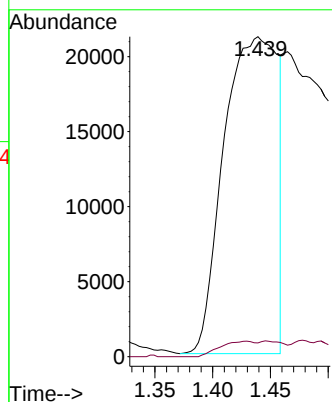
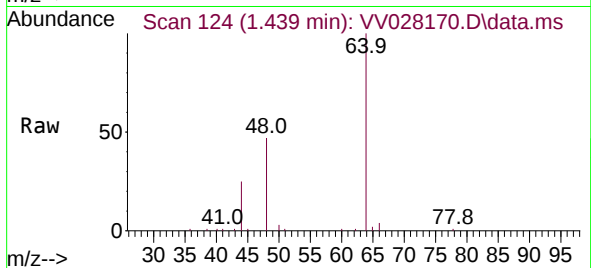




#8
Chloroethane
Concen: 8.983 ug/L
RT: 1.439 min Scan# 11
Delta R.T. -0.138 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

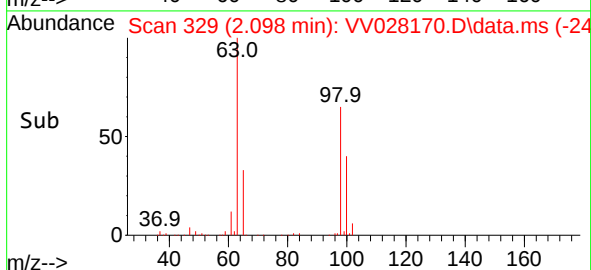
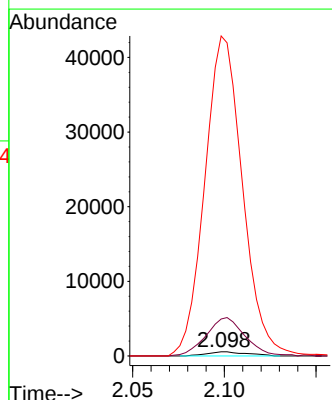
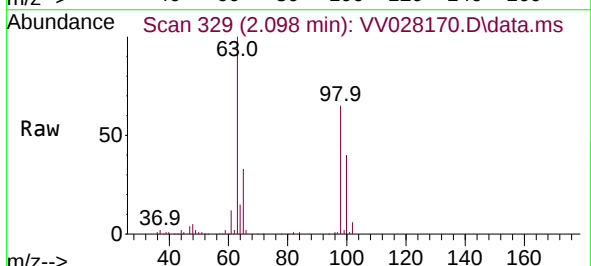
Instrument :
MSVOA_V
ClientSampleId :
EXFQ9

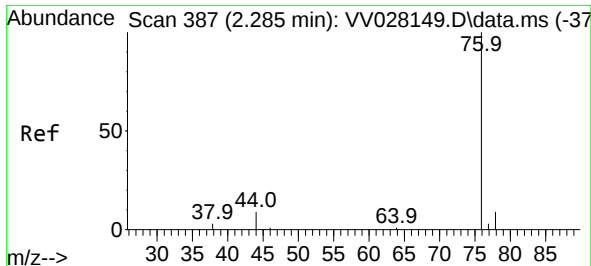
Tgt Ion: 64 Resp: 68011
Ion Ratio Lower Upper
64 100
66 4.3 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.013 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

Tgt Ion: 96 Resp: 855
Ion Ratio Lower Upper
96 100
61 886.4 128.3 238.3#
63 7657.1 112.7 209.3#

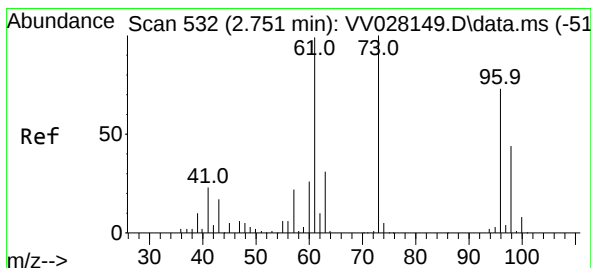
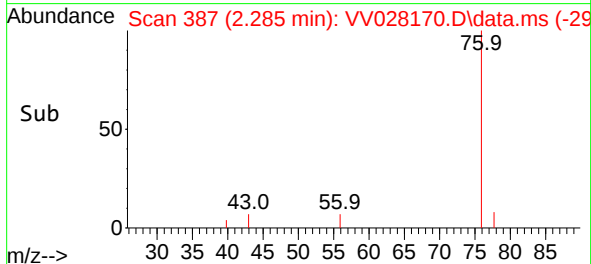
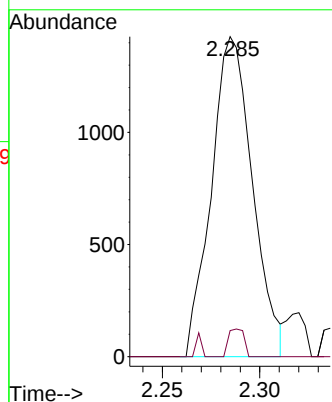
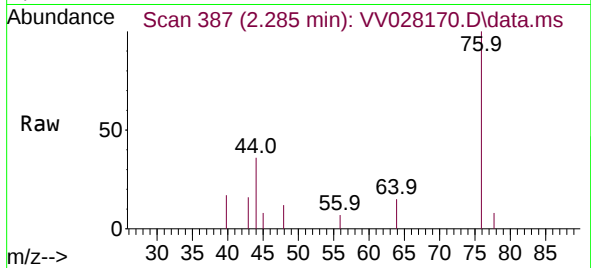




#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.285 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

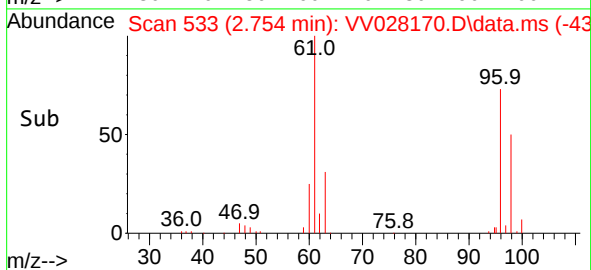
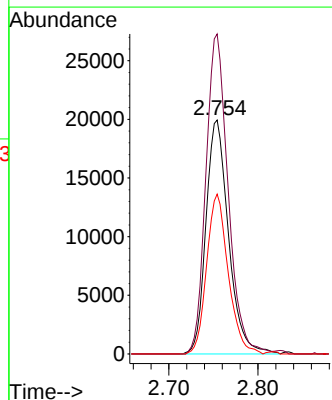
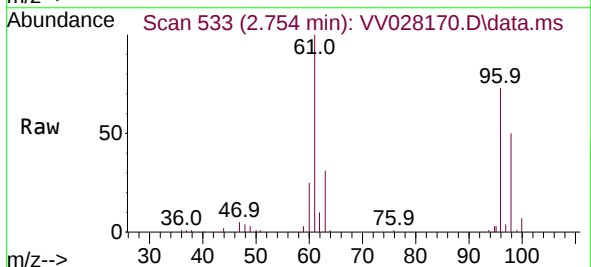
Instrument :
MSVOA_V
ClientSampleId :
EXFQ9

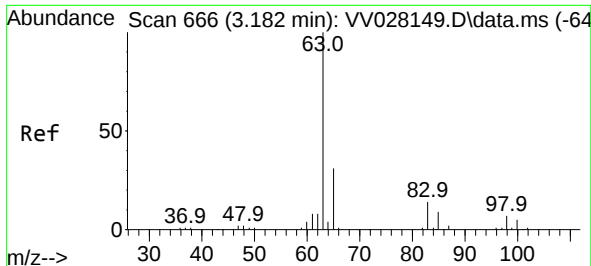
Tgt Ion: 76 Resp: 2095
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4



#18
trans-1,2-Dichloroethene
Concen: 3.984 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

Tgt Ion: 96 Resp: 35087
Ion Ratio Lower Upper
96 100
61 136.8 96.2 178.6
98 68.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV028170.D

Acq: 28 Sep 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

EXFQ9

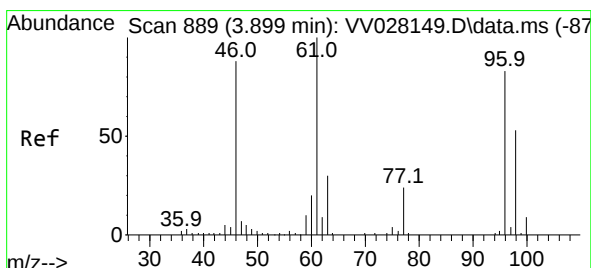
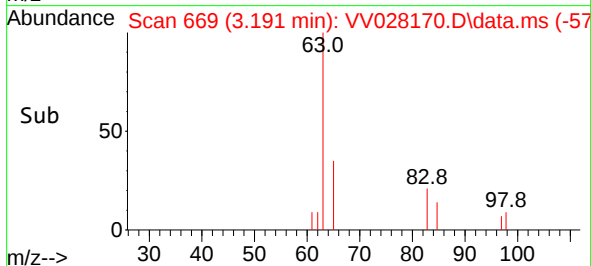
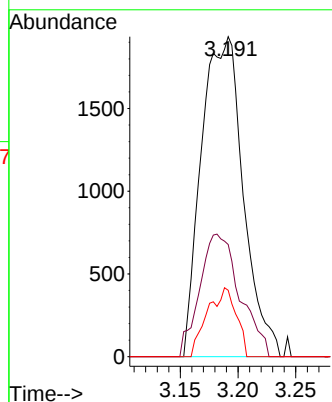
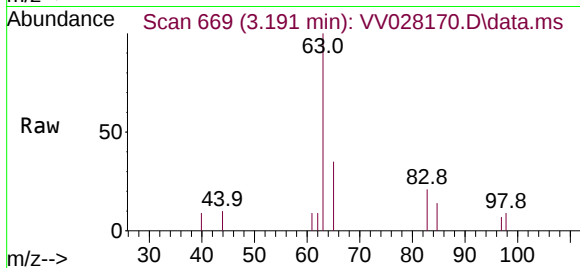
Tgt Ion: 63 Resp: 4864

Ion Ratio Lower Upper

63 100

65 35.1 23.0 42.8

83 20.7 9.2 17.2#



#22

cis-1,2-Dichloroethene

Concen: 5.252 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV028170.D

Acq: 28 Sep 2022 19:42

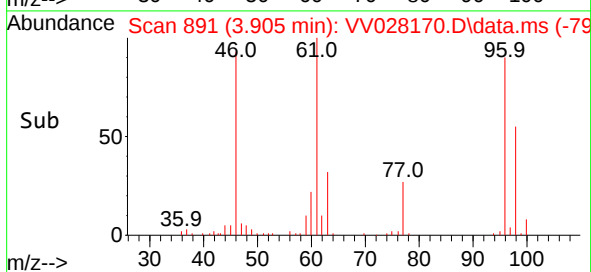
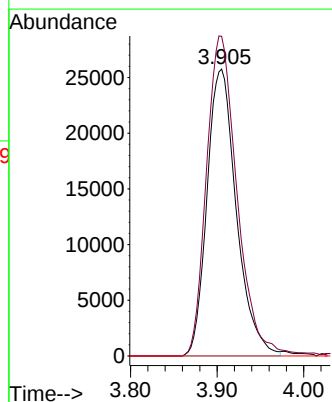
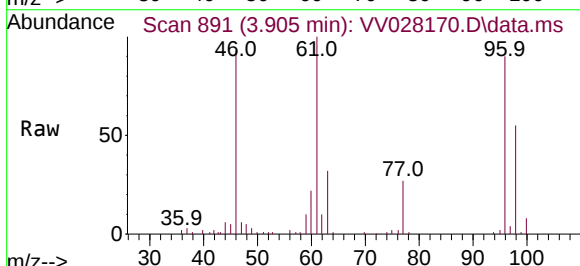
Tgt Ion: 96 Resp: 60695

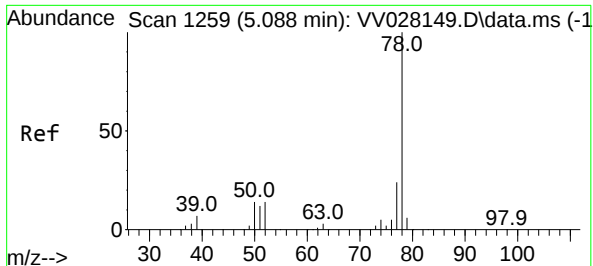
Ion Ratio Lower Upper

96 100

61 111.4 87.2 161.9

68 0.0 0.0 0.0

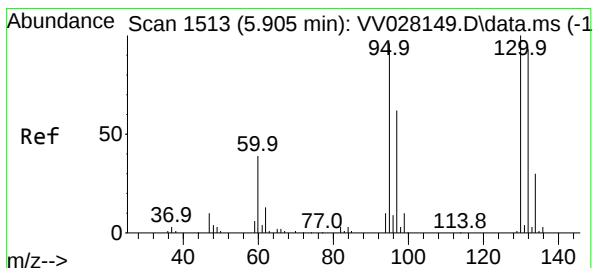
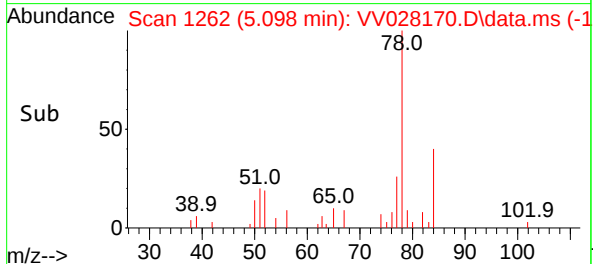
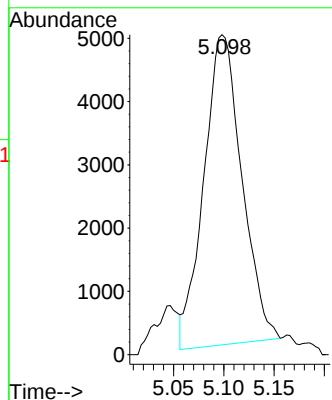
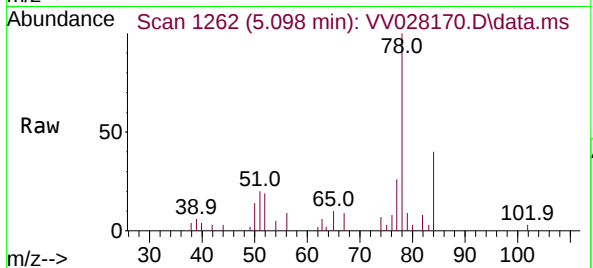




#33
Benzene
Concen: 0.321 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

Instrument :
MSVOA_V
ClientSampleId :
EXFQ9

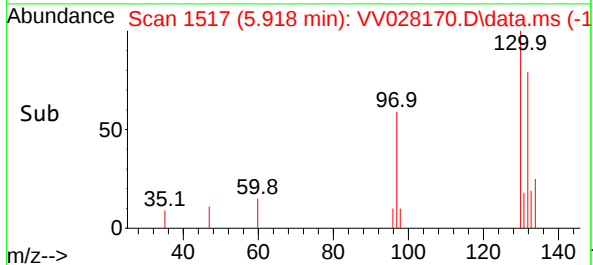
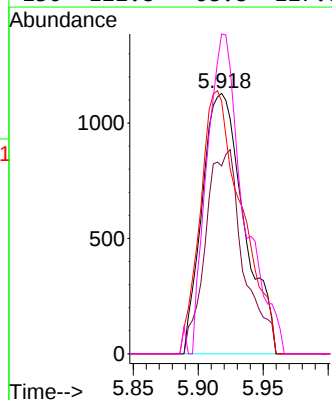
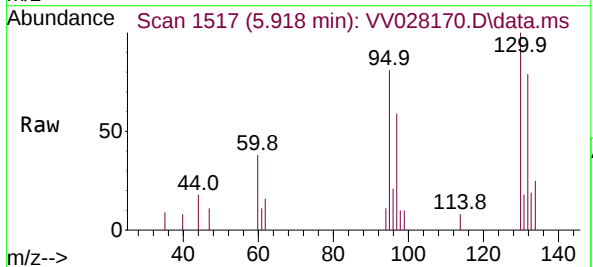
Tgt Ion: 78 Resp: 12913

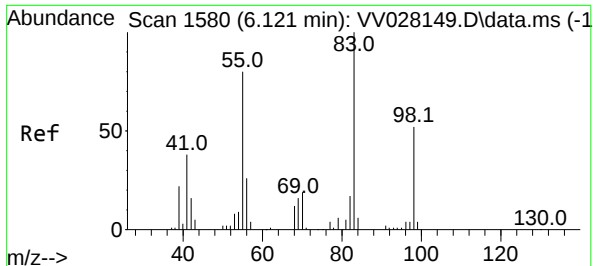


#34
Trichloroethene
Concen: 0.253 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

Tgt Ion: 95 Resp: 2530

Ion	Ratio	Lower	Upper
95	100		
97	72.1	44.2	82.0
132	97.0	67.8	126.0
130	122.8	68.8	127.8

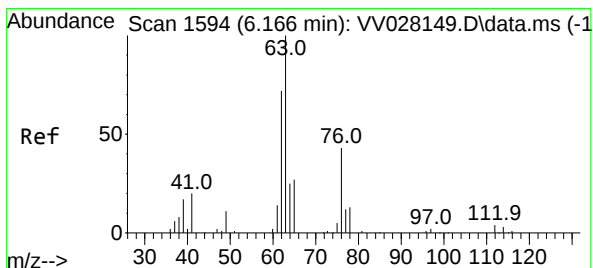
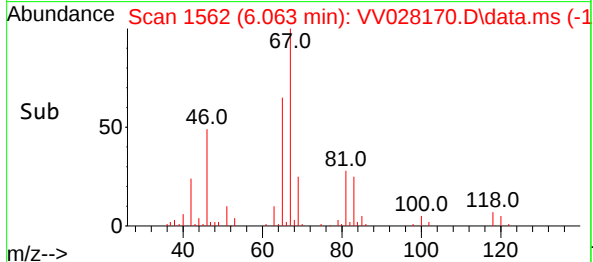
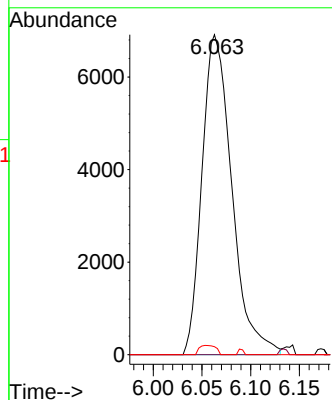
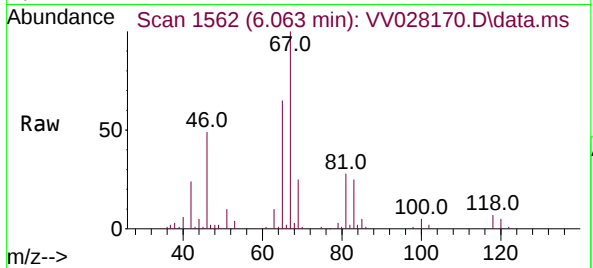




#35
Methylcyclohexane
Concen: 1.075 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

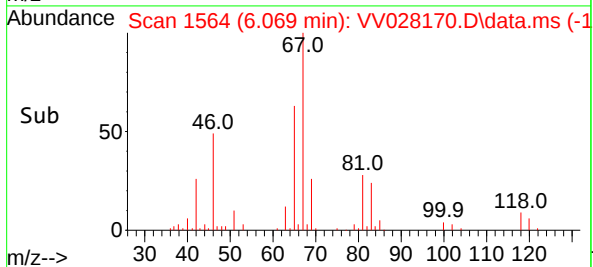
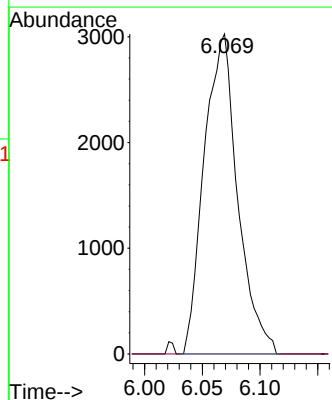
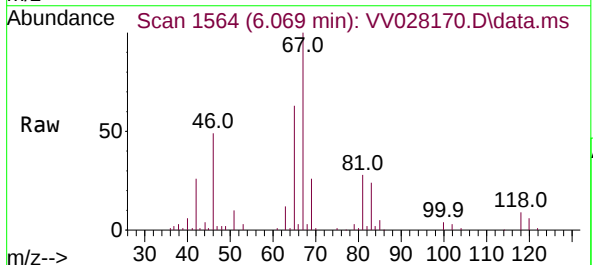
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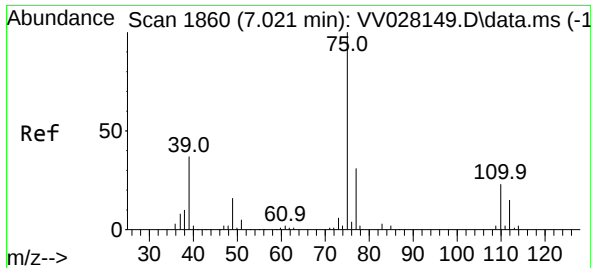
Tgt Ion: 83 Resp: 14742
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 1.6 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.096 min
Lab File: VV028170.D
Acq: 28 Sep 2022 19:42

Tgt Ion: 63 Resp: 6107
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV028170.D

Acq: 28 Sep 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

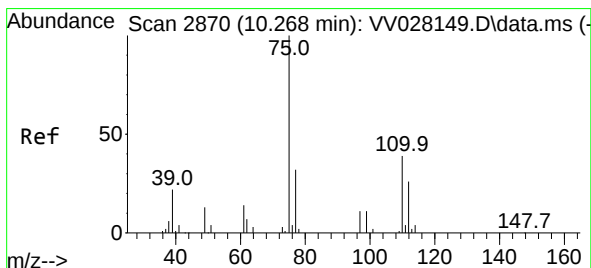
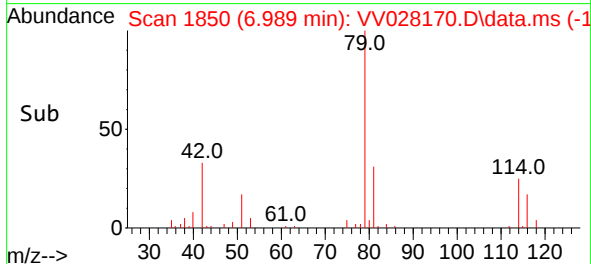
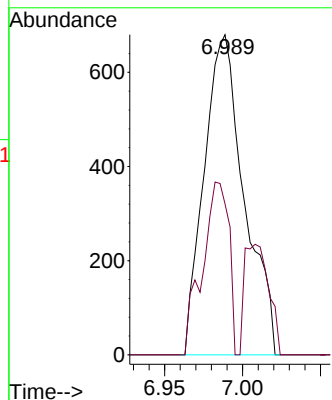
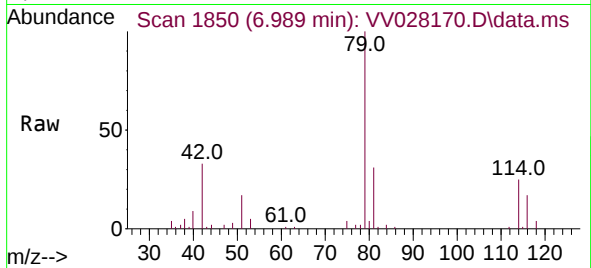
EXFQ9

Tgt Ion: 75 Resp: 1217

Ion Ratio Lower Upper

75 100

77 47.2 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.050 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028170.D

Acq: 28 Sep 2022 19:42

Tgt Ion: 75 Resp: 6281

Ion Ratio Lower Upper

75 100

77 36.7 26.7 40.1

110 1.6 30.1 45.1#

