

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028234.D
 Acq On : 30 Sep 2022 18:13
 Operator : SY/MD
 Sample : N4873-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ52

Quant Time: Sep 30 23:01:25 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)

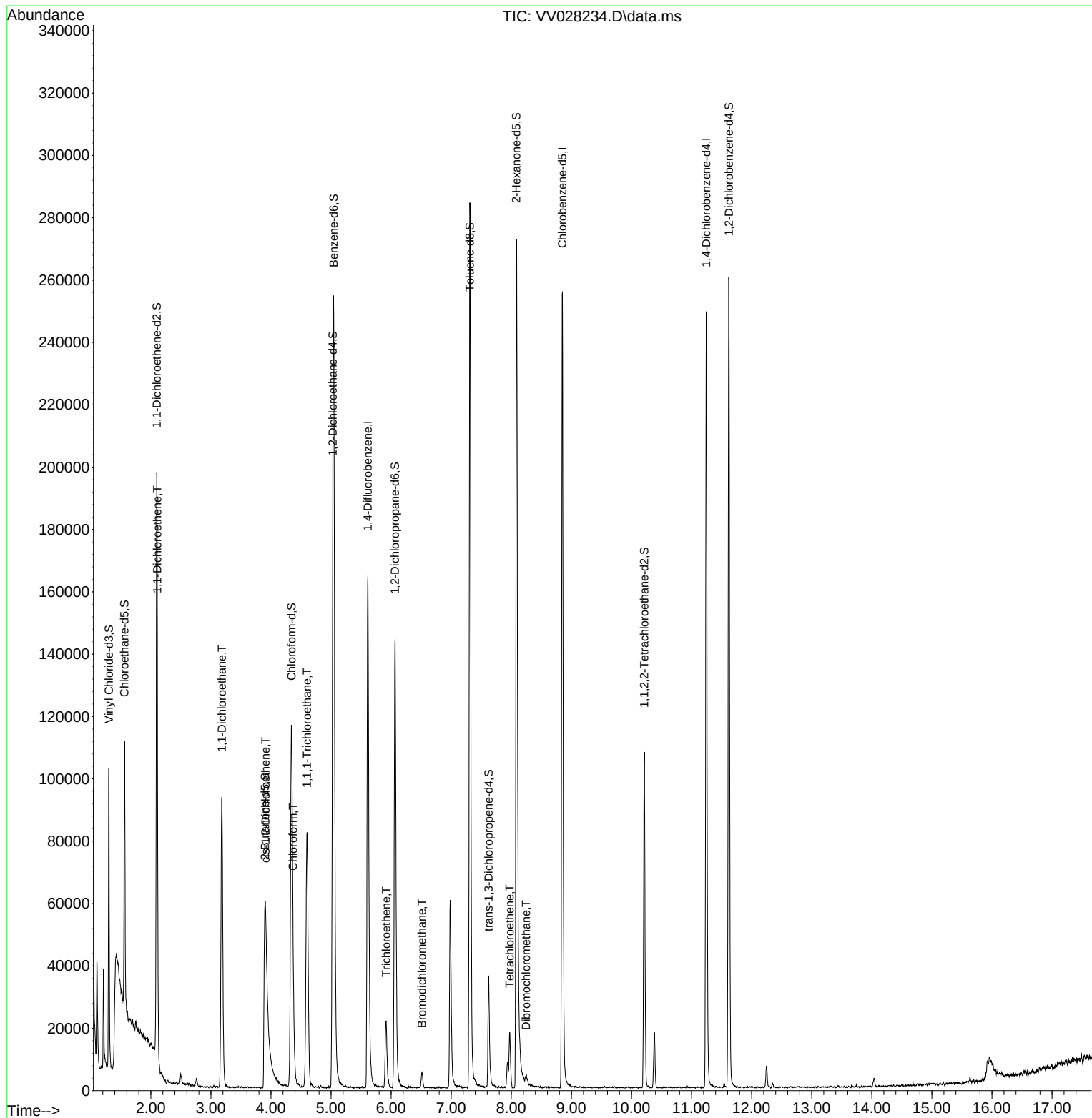
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	153879	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	61477	3.854	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.561	69	55805	4.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.098	63	96018	3.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.899	46	125305	46.525	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.060%
24) Chloroform-d	4.339	84	122853	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.027	65	57447	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.043	84	243720	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.066	67	72487	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.310	98	203354	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.622	79	23024	4.032	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.085	63	106534	44.696	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52479	4.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	74392	5.339	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	4995	0.470	ug/L	# 1
19) 1,1-Dichloroethane	3.182	63	94985	4.677	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	7922	0.649	ug/L	92
25) Chloroform	4.365	83	17334	0.795	ug/L	95
29) 1,1,1-Trichloroethane	4.600	97	69933	3.680	ug/L	98
34) Trichloroethene	5.915	95	7764	0.726	ug/L	93
38) Bromodichloromethane	6.513	83	3640	0.245	ug/L	97
47) Tetrachloroethene	7.972	164	4484	0.525	ug/L	95
49) Dibromochloromethane	8.246	129	1420	0.146	ug/L	95

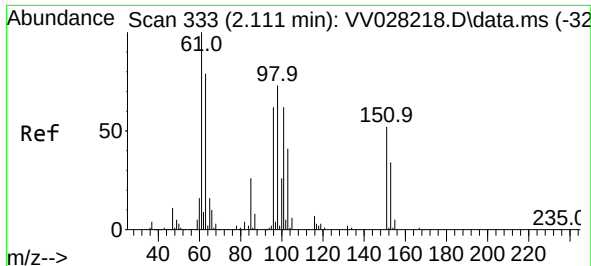
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.470 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028234.D

Acq: 30 Sep 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

EXZ52

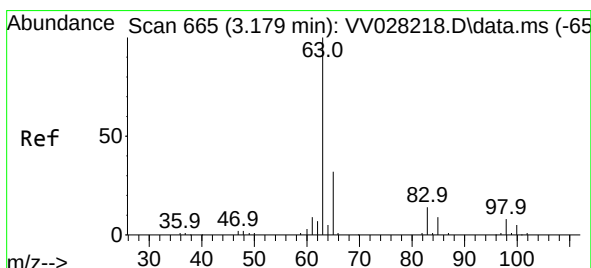
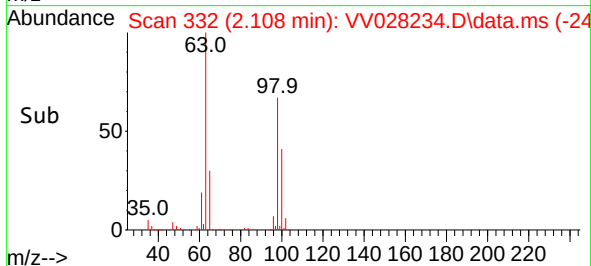
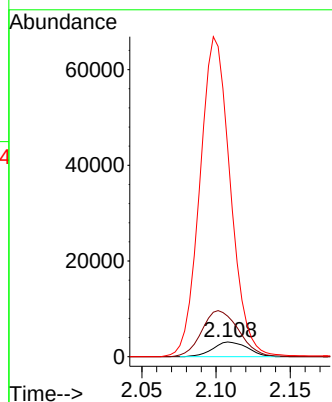
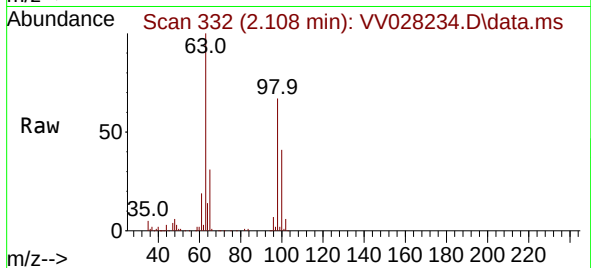
Tgt Ion: 96 Resp: 4995

Ion Ratio Lower Upper

96 100

61 275.5 128.3 238.3#

63 1417.3 112.7 209.3#



#19

1,1-Dichloroethane

Concen: 4.677 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.000 min

Lab File: VV028234.D

Acq: 30 Sep 2022 18:13

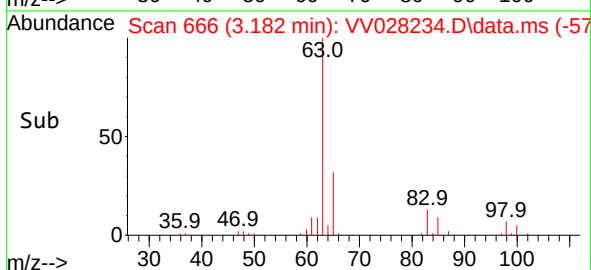
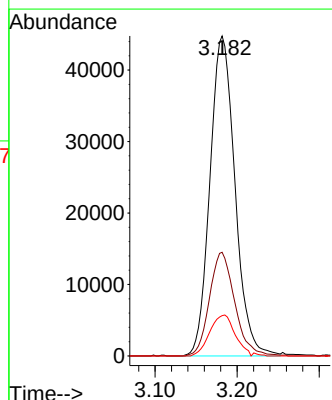
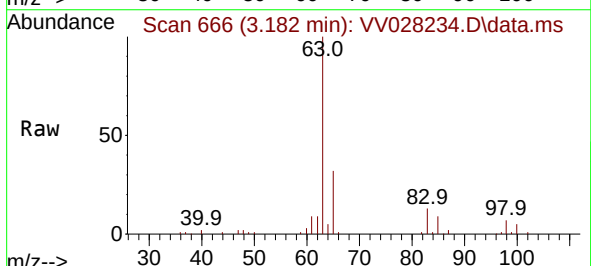
Tgt Ion: 63 Resp: 94985

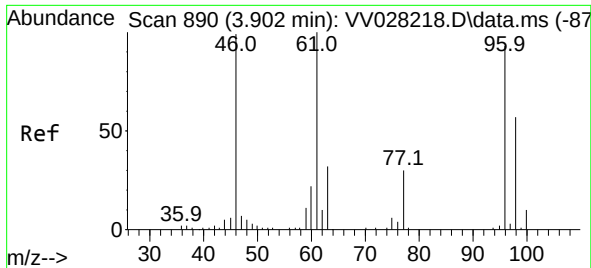
Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.8

83 12.6 9.2 17.2

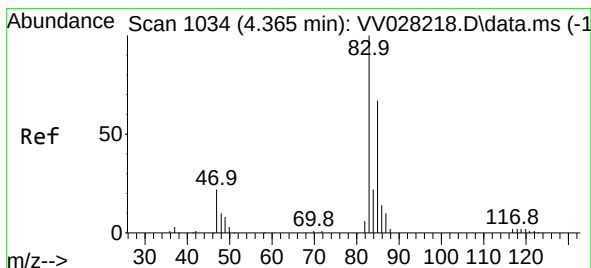
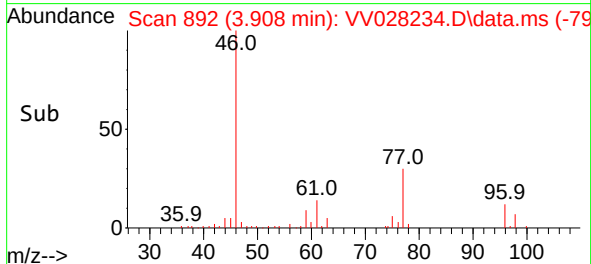
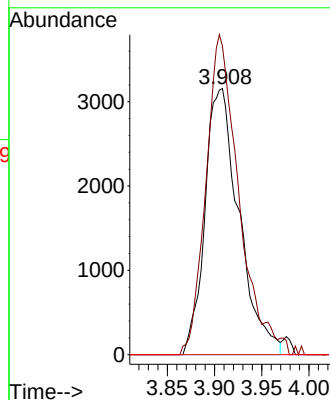
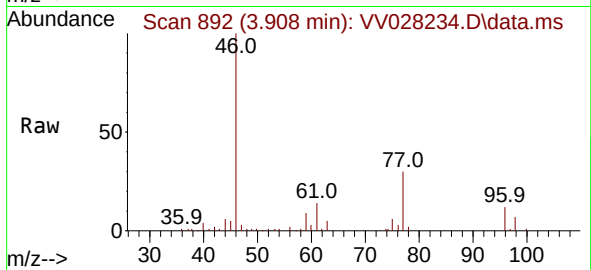




#22
 cis-1,2-Dichloroethene
 Concen: 0.649 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.010 min
 Lab File: VV028234.D
 Acq: 30 Sep 2022 18:13

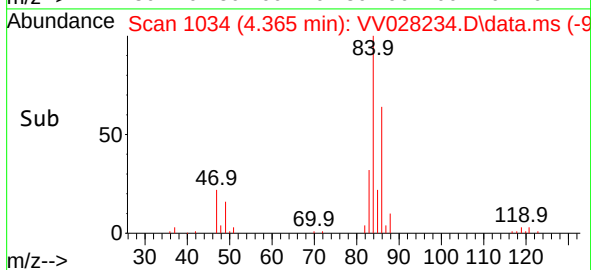
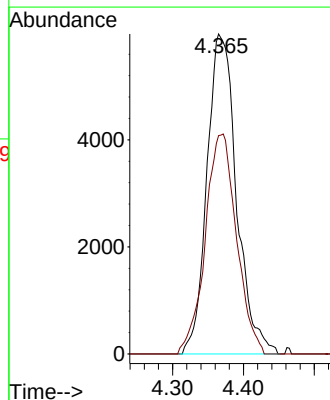
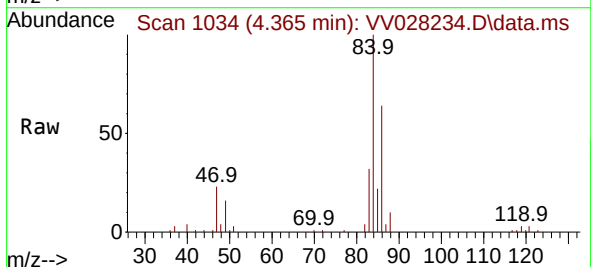
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ52

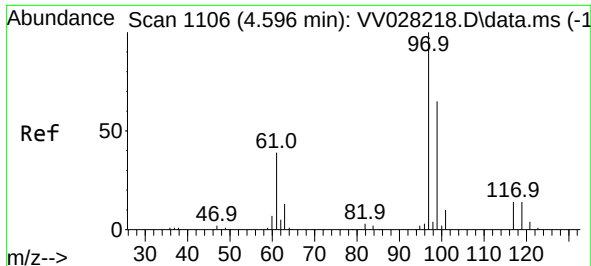
Tgt Ion: 96 Resp: 7922
 Ion Ratio Lower Upper
 96 100
 61 115.9 87.2 161.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.795 ug/L
 RT: 4.365 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VV028234.D
 Acq: 30 Sep 2022 18:13

Tgt Ion: 83 Resp: 17334
 Ion Ratio Lower Upper
 83 100
 85 68.3 45.1 83.7





#29

1,1,1-Trichloroethane

Concen: 3.680 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV028234.D

Acq: 30 Sep 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

EXZ52

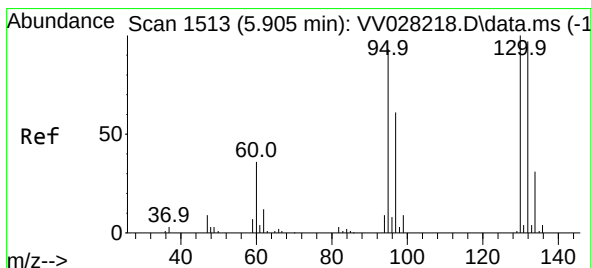
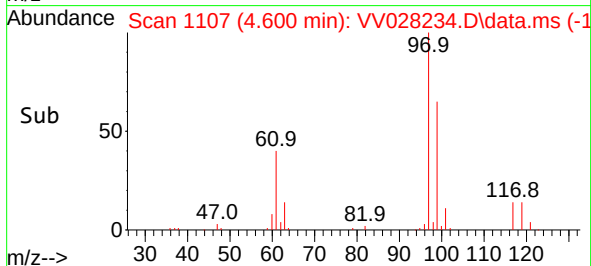
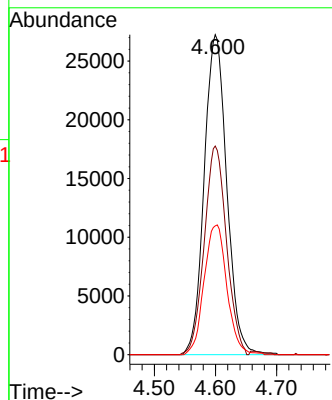
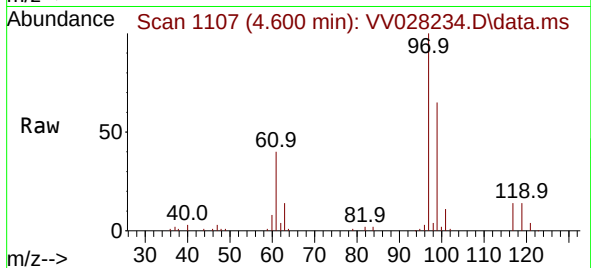
Tgt Ion: 97 Resp: 69933

Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 41.0 34.8 52.2



#34

Trichloroethene

Concen: 0.726 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.010 min

Lab File: VV028234.D

Acq: 30 Sep 2022 18:13

Tgt Ion: 95 Resp: 7764

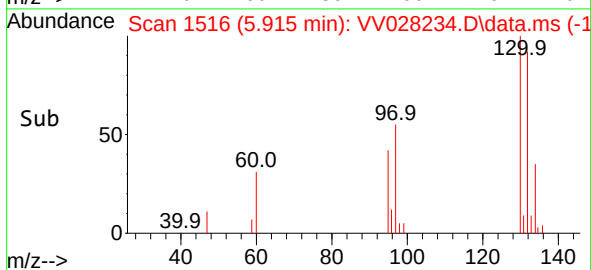
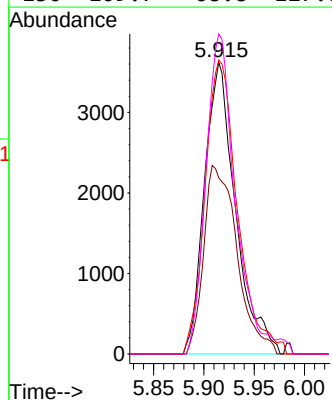
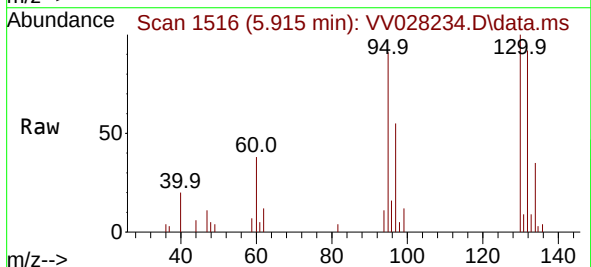
Ion Ratio Lower Upper

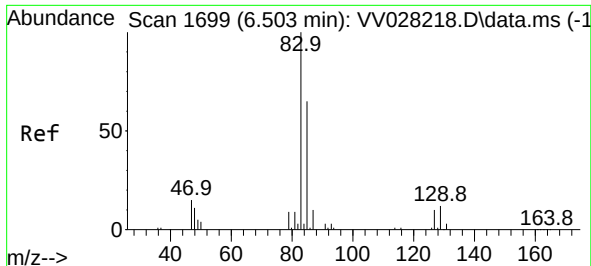
95 100

97 60.4 44.2 82.0

132 100.8 67.8 126.0

130 109.7 68.8 127.8

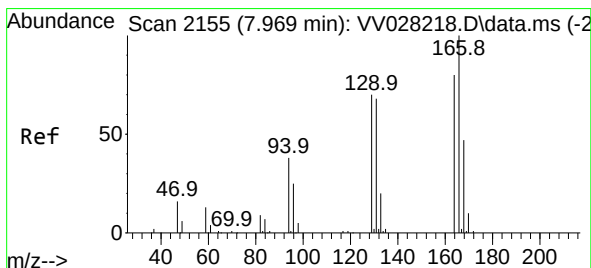
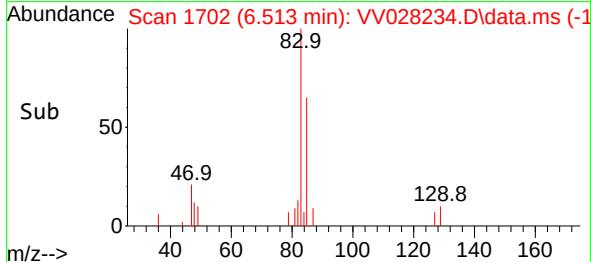
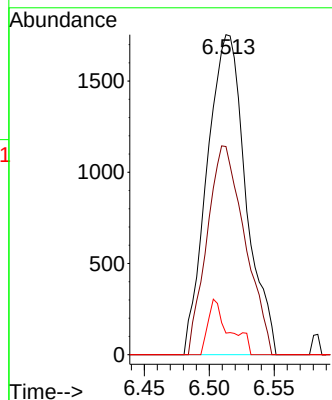
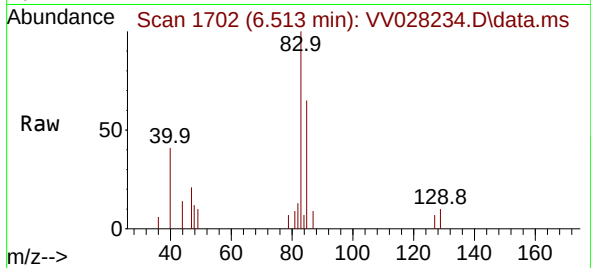




#38
Bromodichloromethane
Concen: 0.245 ug/L
RT: 6.513 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028234.D
Acq: 30 Sep 2022 18:13

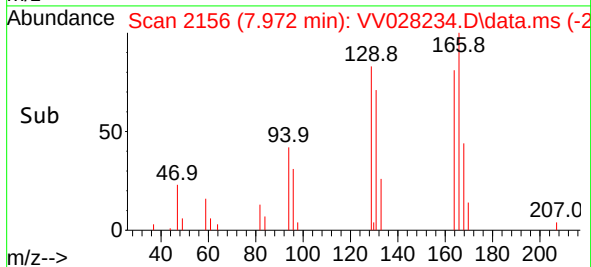
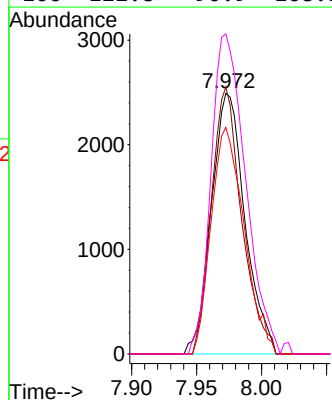
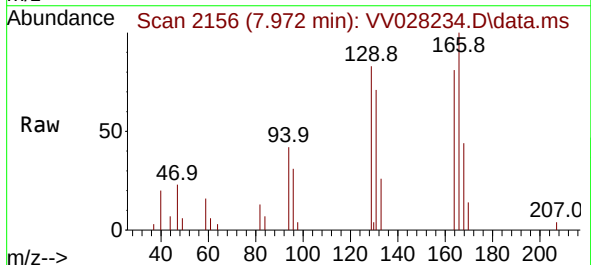
Instrument :
MSVOA_V
ClientSampleId :
EXZ52

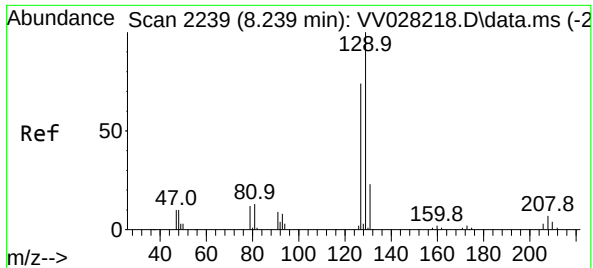
Tgt Ion: 83	Resp:	3640
Ion Ratio	Lower	Upper
83	100	
85	65.1	43.8 81.4
127	6.7	6.3 9.5



#47
Tetrachloroethene
Concen: 0.525 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028234.D
Acq: 30 Sep 2022 18:13

Tgt Ion: 164	Resp:	4484
Ion Ratio	Lower	Upper
164	100	
129	102.4	66.7 123.9
131	86.9	61.7 114.5
166	122.8	90.9 168.9





#49

Dibromochloromethane

Concen: 0.146 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV028234.D

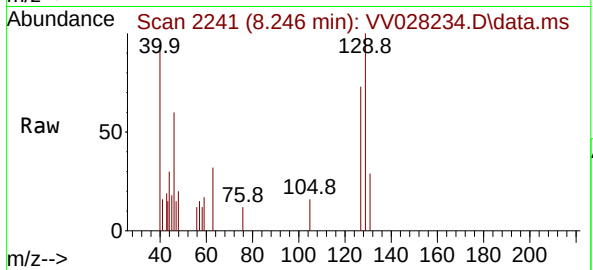
Acq: 30 Sep 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

EXZ52



Tgt Ion:129 Resp: 1420

Ion Ratio Lower Upper

129 100

127 72.9 54.3 100.9

