

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112023\
 Data File : VW033017.D
 Acq On : 20 Nov 2023 11:27
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 23:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:27:49 2023
 Response via : Initial Calibration

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

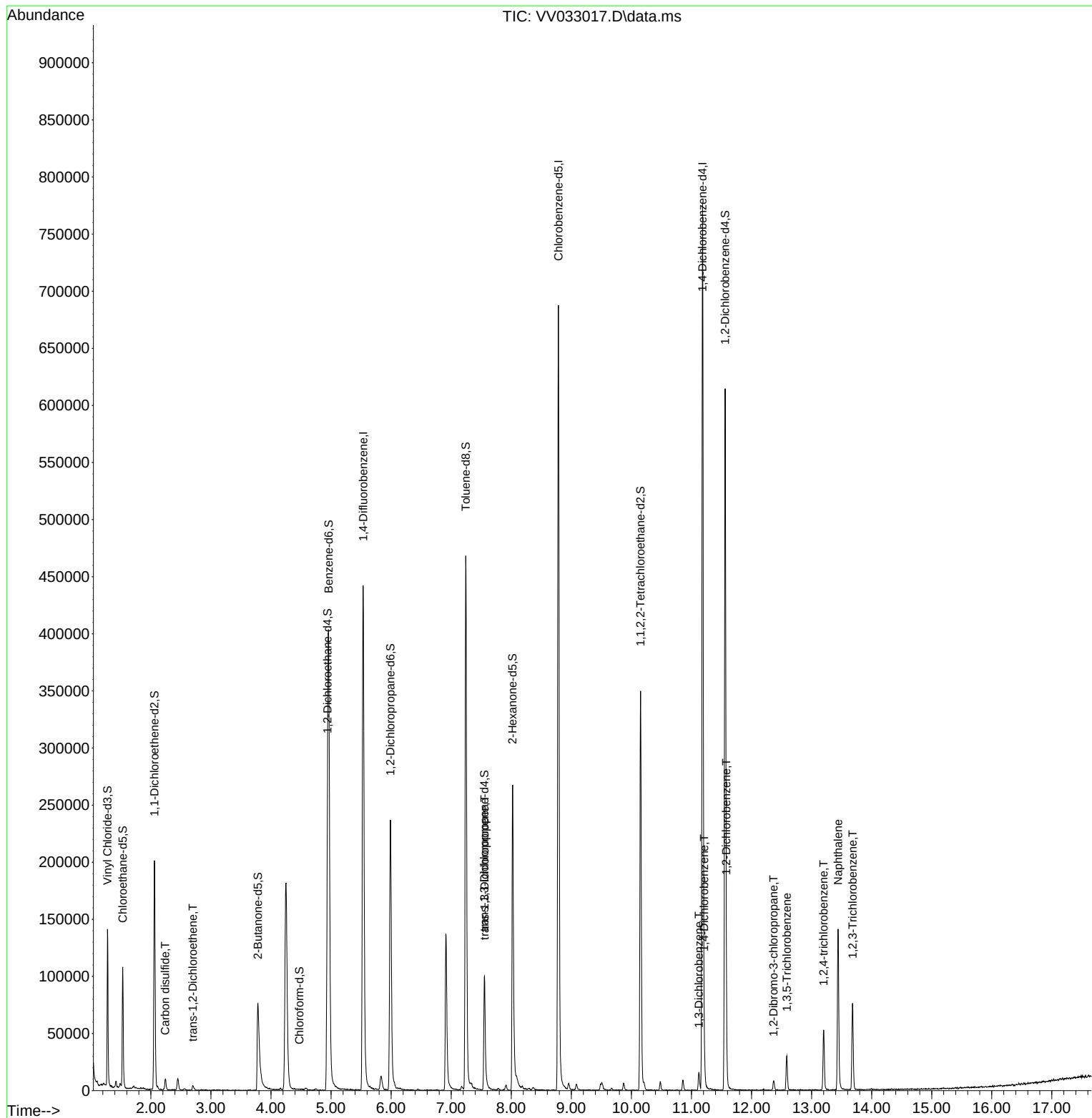
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	400633	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	396210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	207893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	86214	41.158	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.320%
7) Chloroethane-d5	1.532	69	68178	42.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	2.060	65	32441	37.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.700%
21) 2-Butanone-d5	3.780	46	118570	88.967	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.970%
24) Chloroform-d	4.474	84	150	0.029	ug/L	0.23
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.0600#
26) 1,2-Dichloroethane-d4	4.941	65	129816	40.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.620%
32) Benzene-d6	4.960	84	366143	39.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.360%
36) 1,2-Dichloropropane-d6	5.989	67	113039	43.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.400%
41) Toluene-d8	7.243	98	316677	35.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.9000#
43) trans-1,3-Dichloroprop...	7.555	79	61034	39.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.920%
47) 2-Hexanone-d5	8.021	63	94867	87.621	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.620%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	159193	39.971	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.940%
66) 1,2-Dichlorobenzene-d4	11.561	152	162295	43.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.560%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.240	76	11311	1.540	ug/L	98
17) trans-1,2-Dichloroethene	2.700	96	1592	0.563	ug/L	93
44) trans-1,3-Dichloropropene	7.558	75	3888	0.831	ug/L	97
64) 1,3-Dichlorobenzene	11.124	146	6787	1.005	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	8467	1.180	ug/L	93
67) 1,2-Dichlorobenzene	11.580	146	8098	1.195	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	12.368	75	2191	2.511	ug/L	88
69) 1,3,5-Trichlorobenzene	12.587	180	9837	1.874	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	17106	3.556	ug/L	99
71) Naphthalene	13.442	128	119857	10.073	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	24592	5.272	ug/L	99

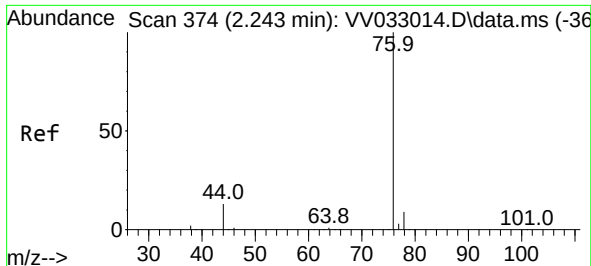
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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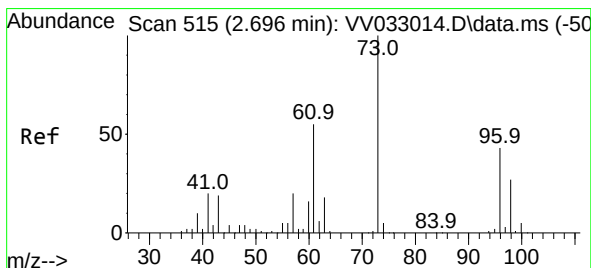
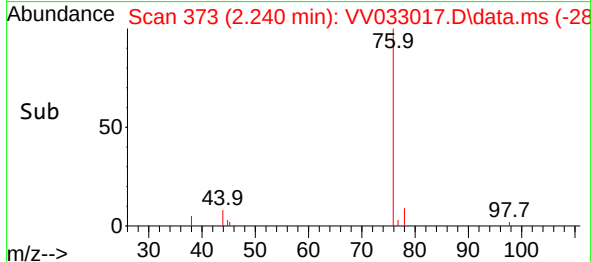
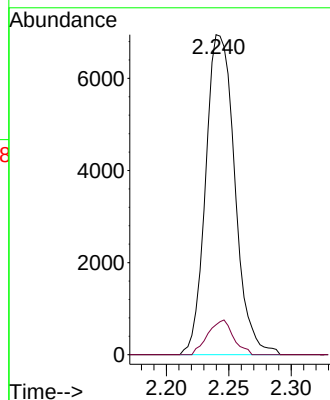
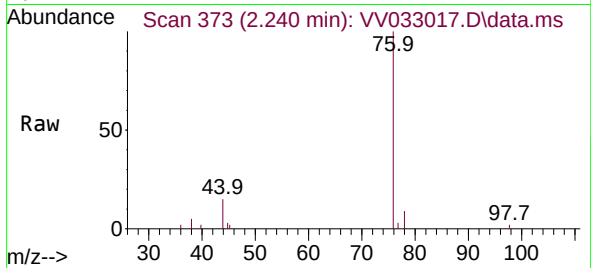




#14
Carbon disulfide
Concen: 1.540 ug/L
RT: 2.240 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV033017.D
Acq: 20 Nov 2023 11:27

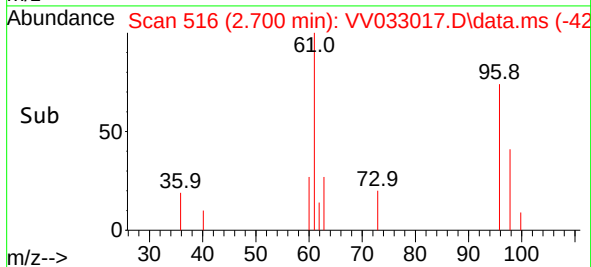
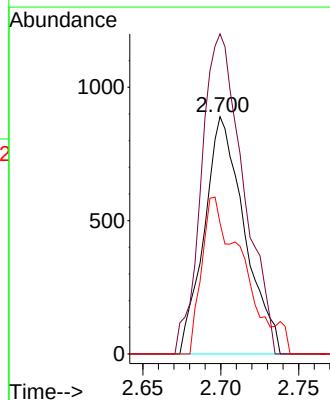
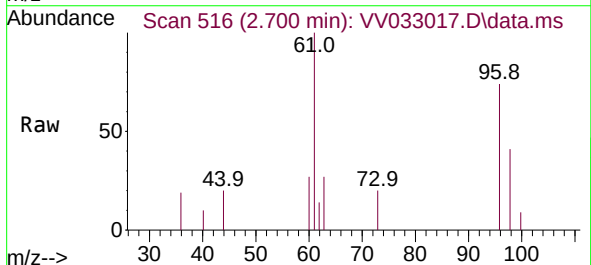
Instrument :
MSVOA_V
ClientSampleId :

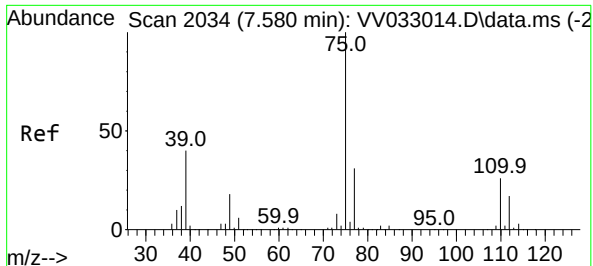
Tgt Ion: 76 Resp: 11311
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#17
trans-1,2-Dichloroethene
Concen: 0.563 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV033017.D
Acq: 20 Nov 2023 11:27

Tgt Ion: 96 Resp: 1592
Ion Ratio Lower Upper
96 100
61 134.8 89.5 166.3
98 55.1 43.6 81.0

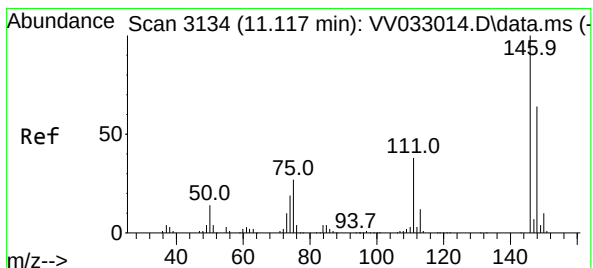
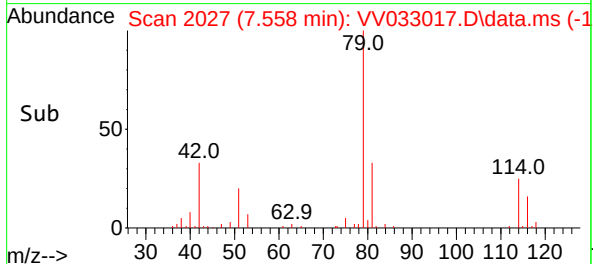
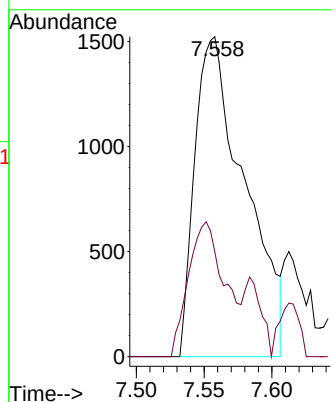
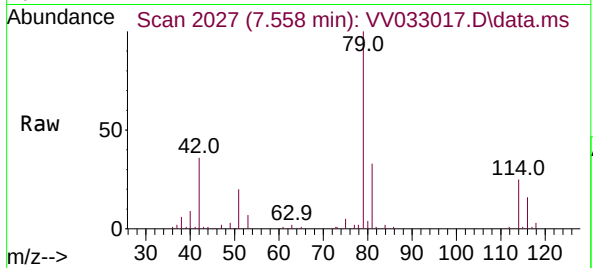




#44
trans-1,3-Dichloropropene
Concen: 0.831 ug/L
RT: 7.558 min Scan# 2034
Delta R.T. -0.022 min
Lab File: VV033017.D
Acq: 20 Nov 2023 11:27

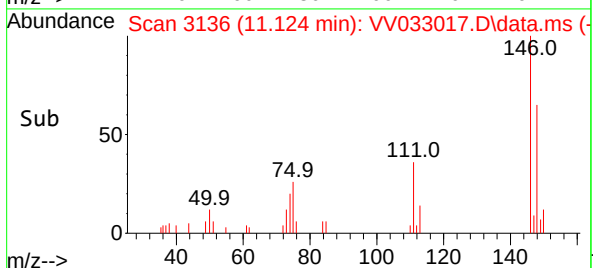
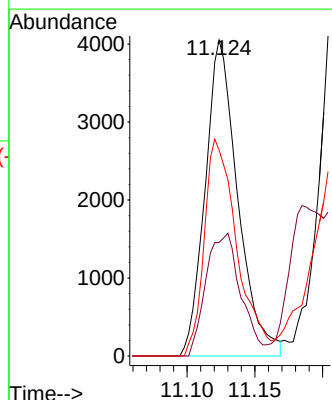
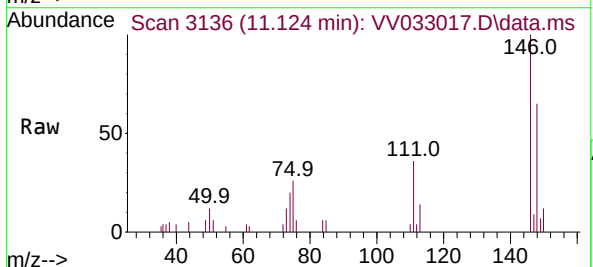
Instrument :
MSVOA_V
ClientSampleId :

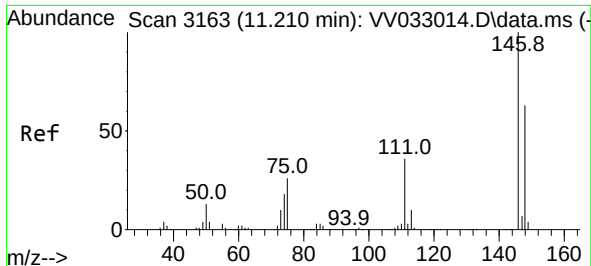
Tgt Ion: 75 Resp: 3888
Ion Ratio Lower Upper
75 100
77 32.9 21.9 40.7



#64
1,3-Dichlorobenzene
Concen: 1.005 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033017.D
Acq: 20 Nov 2023 11:27

Tgt Ion: 146 Resp: 6787
Ion Ratio Lower Upper
146 100
111 35.9 26.5 49.1
148 65.2 44.5 82.7





#65

1,4-Dichlorobenzene

Concen: 1.180 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV033017.D

Acq: 20 Nov 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

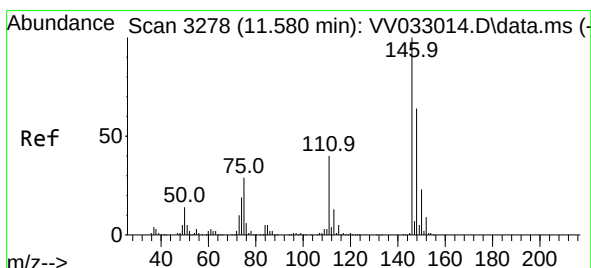
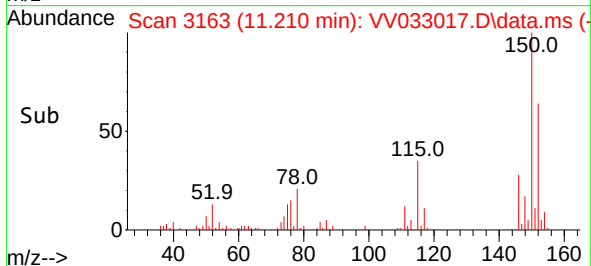
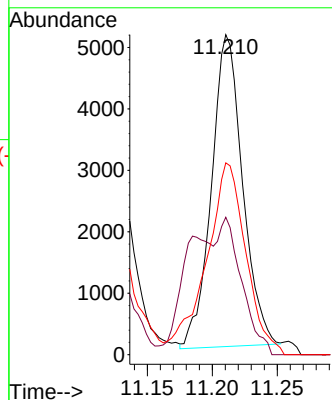
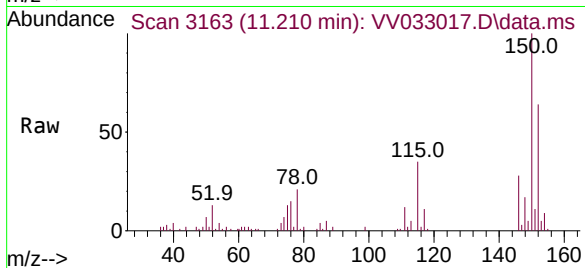
Tgt Ion:146 Resp: 8467

Ion Ratio Lower Upper

146 100

111 42.9 25.1 46.7

148 59.9 44.4 82.5



#67

1,2-Dichlorobenzene

Concen: 1.195 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV033017.D

Acq: 20 Nov 2023 11:27

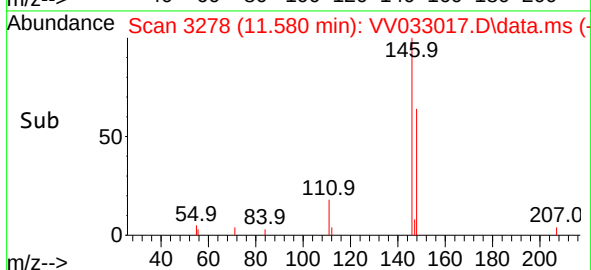
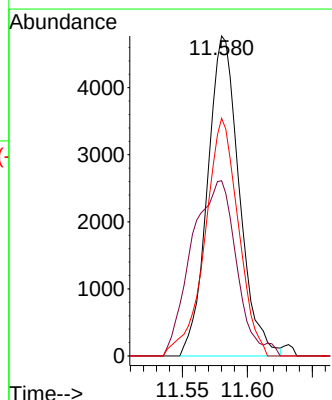
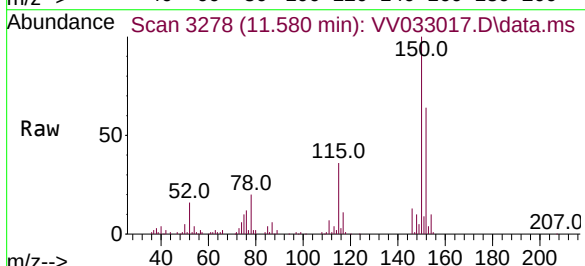
Tgt Ion:146 Resp: 8098

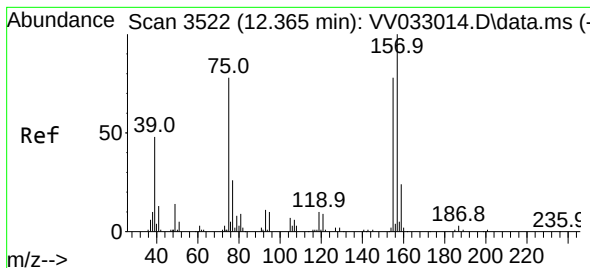
Ion Ratio Lower Upper

146 100

111 54.7 31.8 47.6#

148 74.2 51.4 77.2

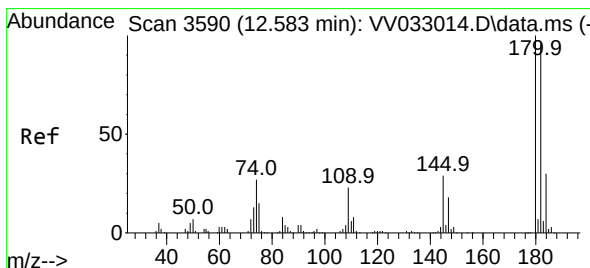
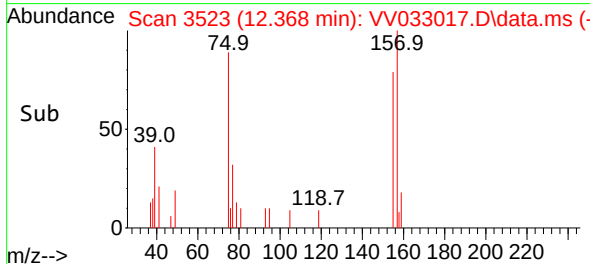
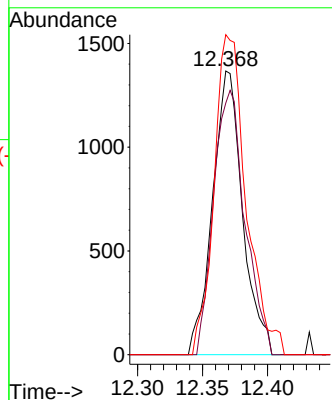
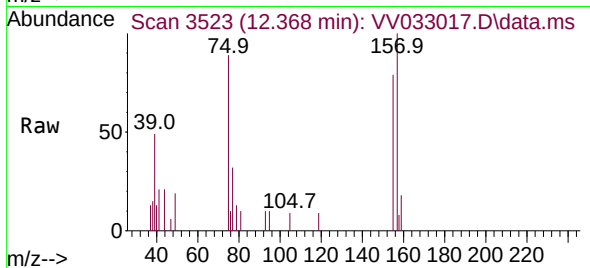




#68
1,2-Dibromo-3-chloropropane
Concen: 2.511 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV033017.D
Acq: 20 Nov 2023 11:27

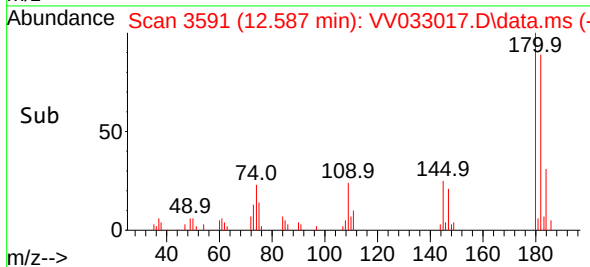
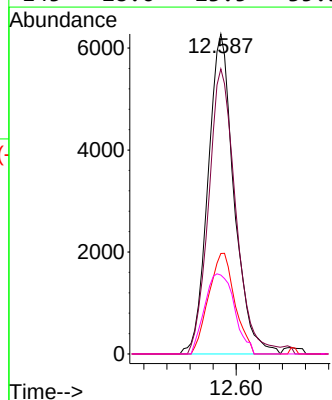
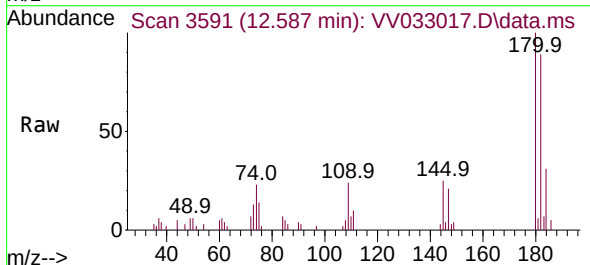
Instrument :
MSVOA_V
ClientSampleId :

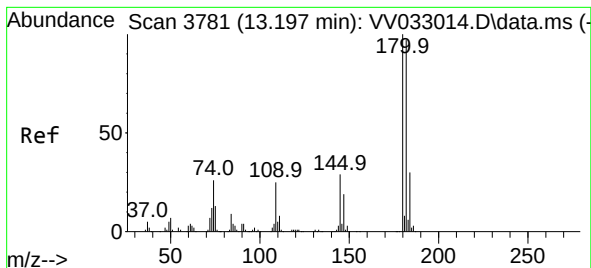
Tgt Ion: 75 Resp: 2191
Ion Ratio Lower Upper
75 100
155 88.7 79.8 119.8
157 112.8 102.5 153.7



#69
1,3,5-Trichlorobenzene
Concen: 1.874 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.003 min
Lab File: VV033017.D
Acq: 20 Nov 2023 11:27

Tgt Ion: 180 Resp: 9837
Ion Ratio Lower Upper
180 100
182 92.4 76.6 115.0
184 31.6 24.5 36.7
145 28.6 23.5 35.3





#70

1,2,4-trichlorobenzene

Concen: 3.556 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033017.D

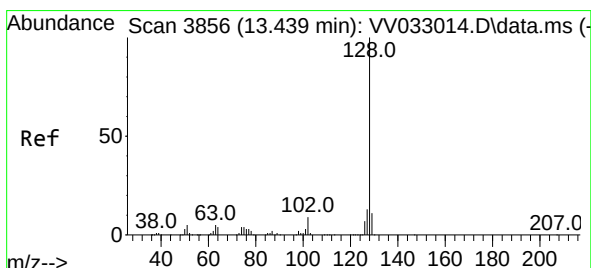
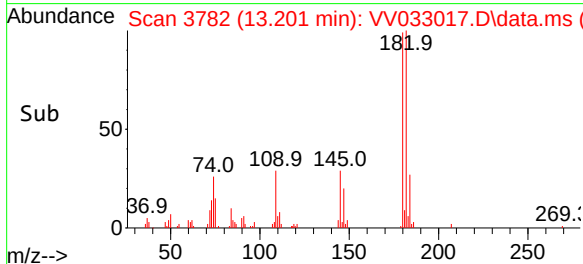
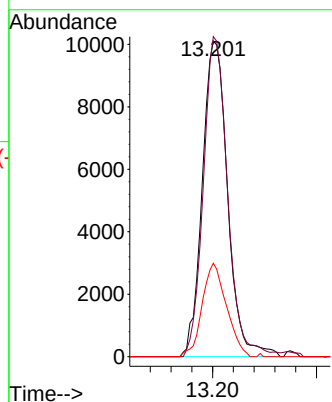
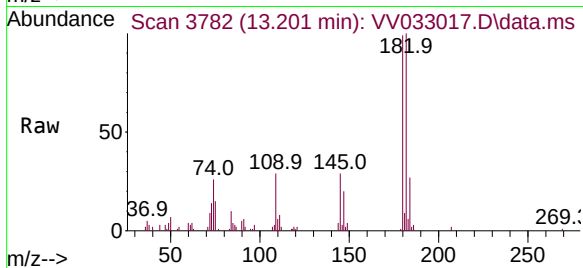
Acq: 20 Nov 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	17106
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.8 115.2
145	28.4	23.2 34.8



#71

Naphthalene

Concen: 10.073 ug/L

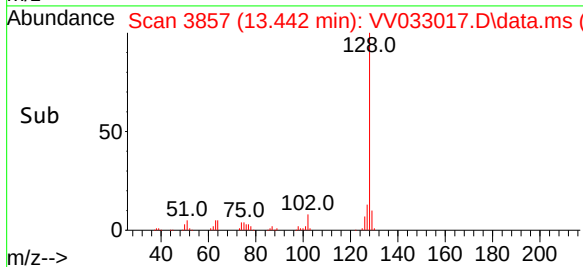
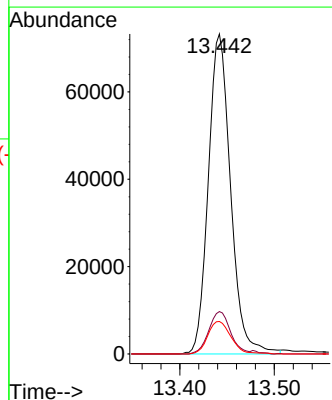
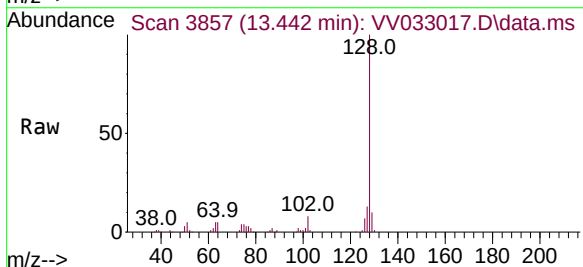
RT: 13.442 min Scan# 3857

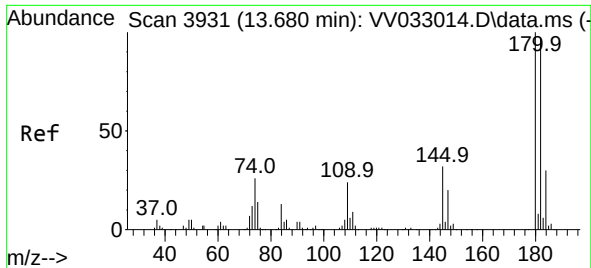
Delta R.T. 0.003 min

Lab File: VV033017.D

Acq: 20 Nov 2023 11:27

Tgt Ion:128	Resp:	119857
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.2
129	10.6	8.7 13.1





#72

1,2,3-Trichlorobenzene

Concen: 5.272 ug/L

RT: 13.683 min Scan# 3931

Delta R.T. 0.003 min

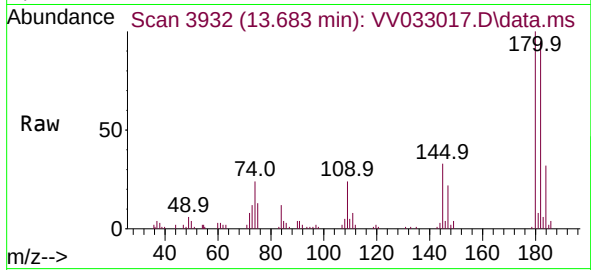
Lab File: VV033017.D

Acq: 20 Nov 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 24592

Ion Ratio Lower Upper

180 100

182 94.7 76.6 114.8

145 32.6 25.5 38.3

