

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029241.D
 Acq On : 20 Nov 2022 22:32
 Operator : SY/MD
 Sample : N5652-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 03:55:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 03:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	318693	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	291794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	136515	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83878	4.317	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.567	69	73222	4.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.108	63	109411	3.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	3.895	46	187775	57.735	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.480%
24) Chloroform-d	4.342	84	169539	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.030	65	79587	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.046	84	342336	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.066	67	103496	4.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.310	98	289833	3.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.622	79	30159	3.802	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.088	63	149268	44.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	76204	4.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	108533	4.444	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%

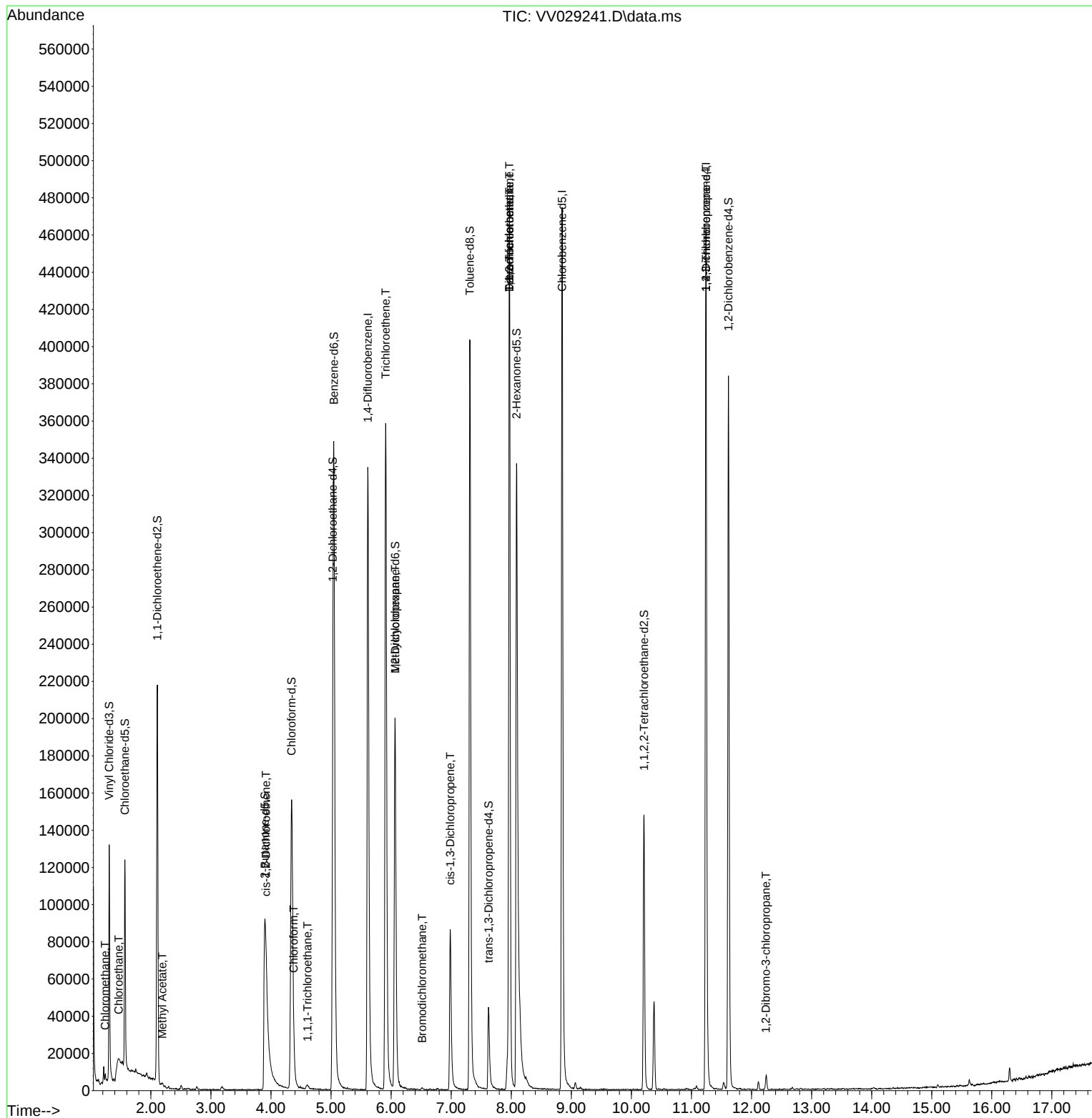
Target Compounds				Qvalue		
3) Chloromethane	1.240	50	3445	0.156	ug/L	92
8) Chloroethane	1.465	64	42275	2.861	ug/L #	50
15) Methyl Acetate	2.191	43	4172	0.822	ug/L #	44
22) cis-1,2-Dichloroethene	3.915	96	6659	0.293	ug/L	98
25) Chloroform	4.378	83	15110	0.394	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	1690	0.049	ug/L #	85
34) Trichloroethene	5.908	95	135134	5.920	ug/L	98
35) Methylcyclohexane	6.066	83	24520	0.611	ug/L #	22
38) Bromodichloromethane	6.516	83	1262	0.048	ug/L #	64
39) cis-1,3-Dichloropropene	6.985	75	1955	0.068	ug/L #	55
45) 1,1,2-Trichloroethane	7.969	97	825	0.061	ug/L #	1
47) Tetrachloroethene	7.969	164	111822	6.118	ug/L	99
49) Dibromochloromethane	7.969	129	98869	6.075	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	14710	1.577	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.239	75	280	0.153	ug/L #	2

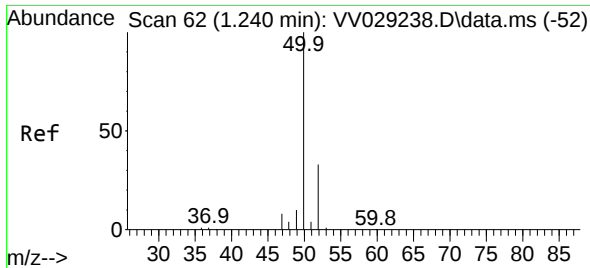
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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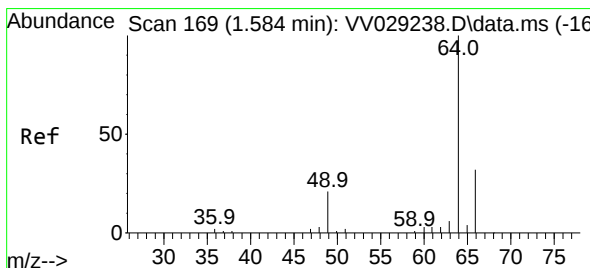
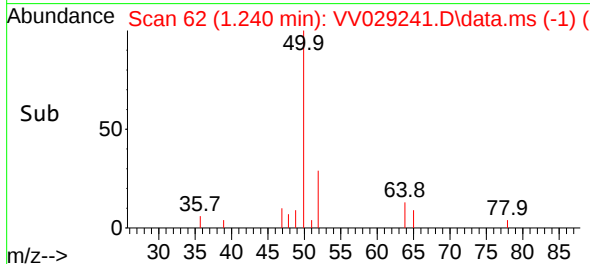
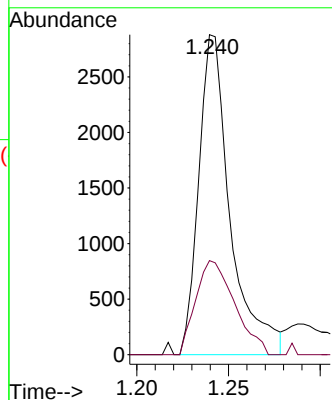
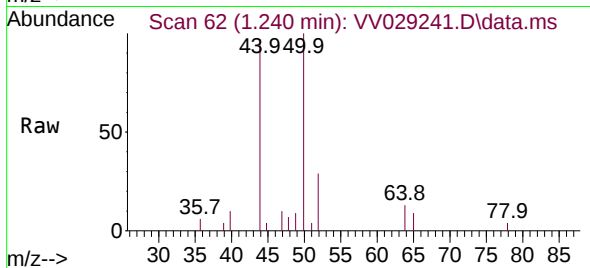




#3
Chloromethane
Concen: 0.156 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029241.D
Acq: 20 Nov 2022 22:32

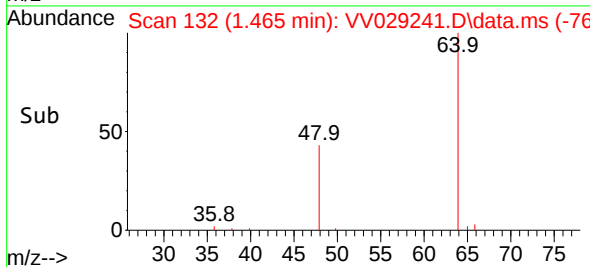
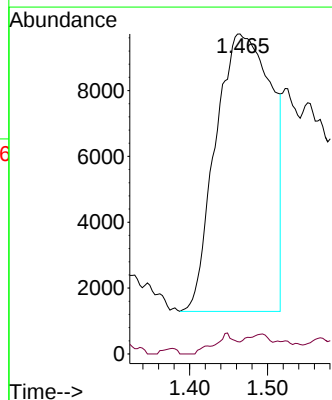
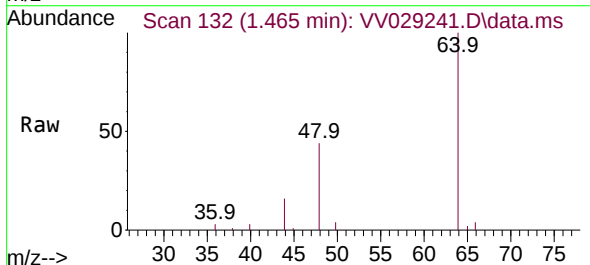
Instrument :
MSVOA_V
ClientSampleId :

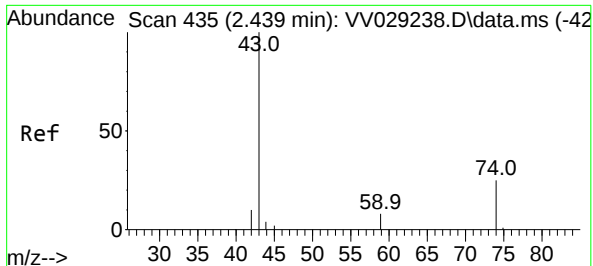
Tgt Ion: 50 Resp: 3445
Ion Ratio Lower Upper
50 100
52 29.4 23.7 43.9



#8
Chloroethane
Concen: 2.861 ug/L
RT: 1.465 min Scan# 132
Delta R.T. -0.119 min
Lab File: VV029241.D
Acq: 20 Nov 2022 22:32

Tgt Ion: 64 Resp: 42275
Ion Ratio Lower Upper
64 100
66 3.7 22.0 40.8

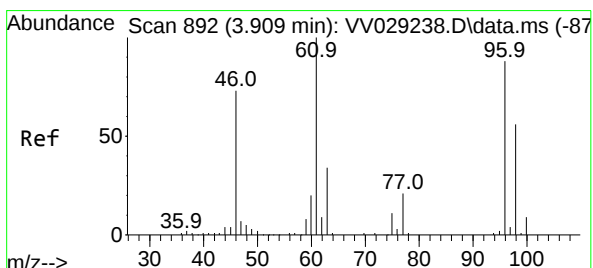
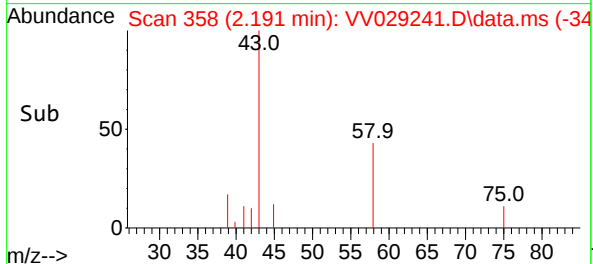
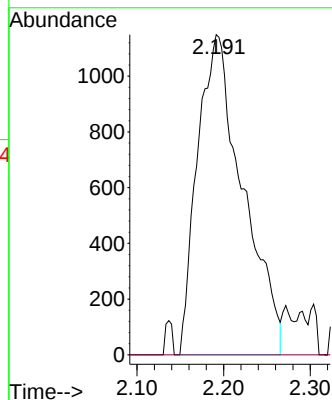
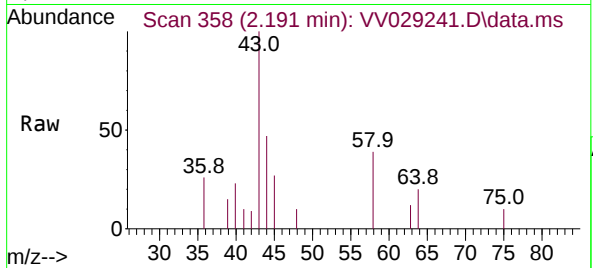




#15
Methyl Acetate
Concen: 0.822 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.248 min
Lab File: VV029241.D
Acq: 20 Nov 2022 22:32

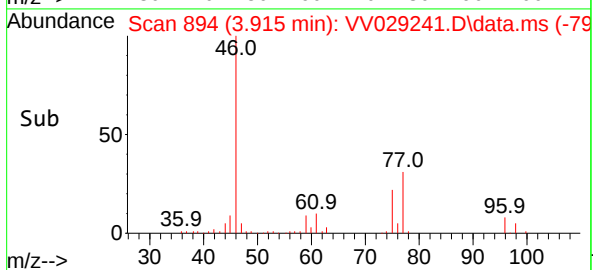
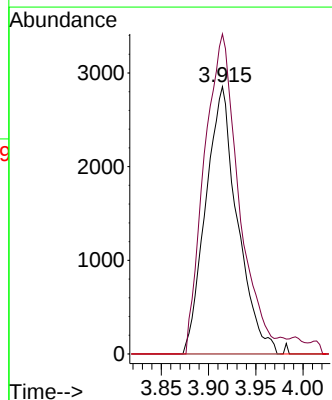
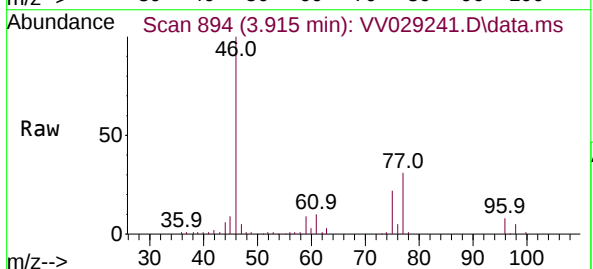
Instrument :
MSVOA_V
ClientSampleId :

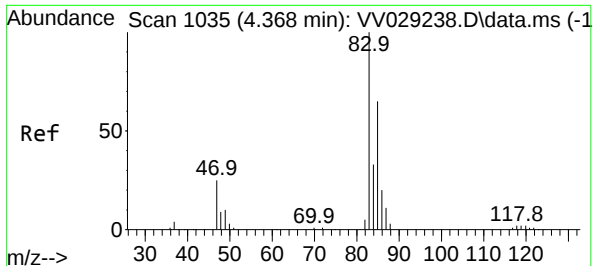
Tgt Ion: 43 Resp: 4172
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#



#22
cis-1,2-Dichloroethene
Concen: 0.293 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV029241.D
Acq: 20 Nov 2022 22:32

Tgt Ion: 96 Resp: 6659
Ion Ratio Lower Upper
96 100
61 119.7 82.3 152.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.394 ug/L

RT: 4.378 min Scan# 110

Delta R.T. 0.009 min

Lab File: VV029241.D

Acq: 20 Nov 2022 22:32

Instrument :

MSVOA_V

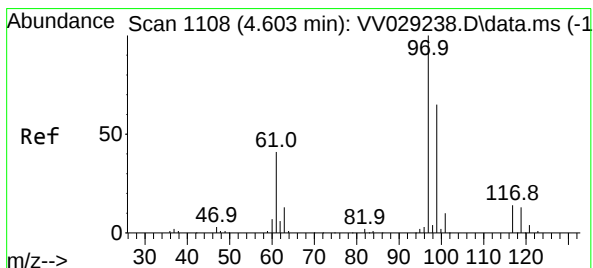
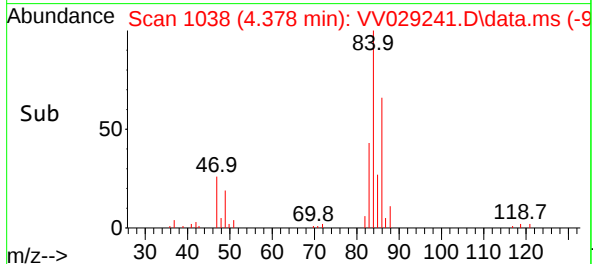
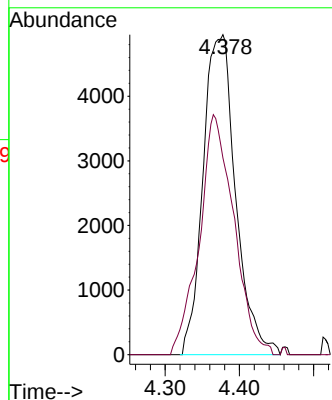
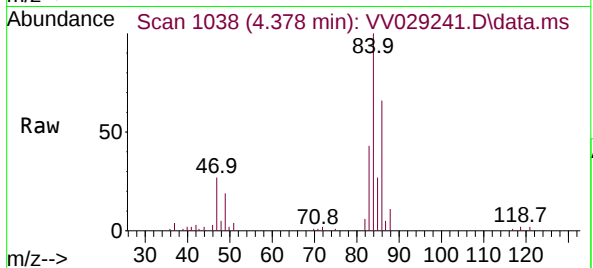
ClientSampleId :

Tgt Ion: 83 Resp: 15110

Ion Ratio Lower Upper

83 100

85 61.5 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.049 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV029241.D

Acq: 20 Nov 2022 22:32

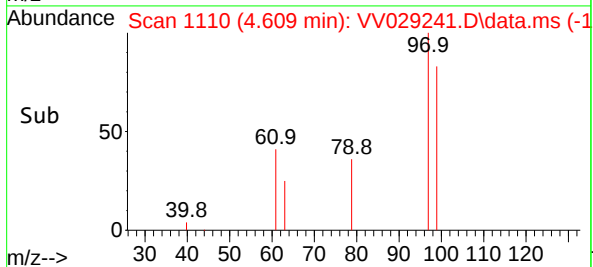
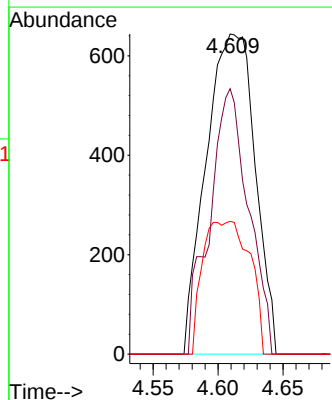
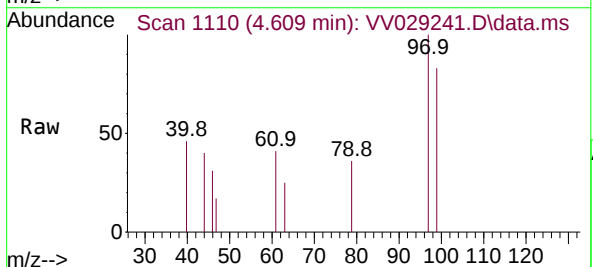
Tgt Ion: 97 Resp: 1690

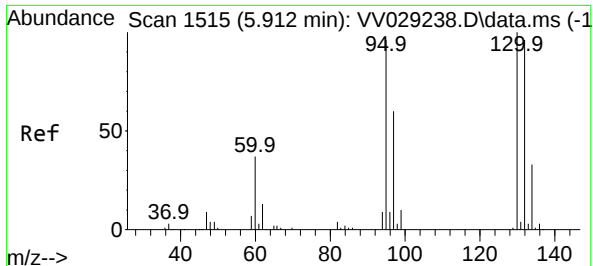
Ion Ratio Lower Upper

97 100

99 65.9 52.7 79.1

61 17.7 33.8 50.6#

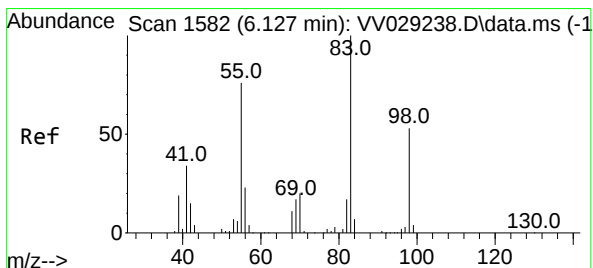
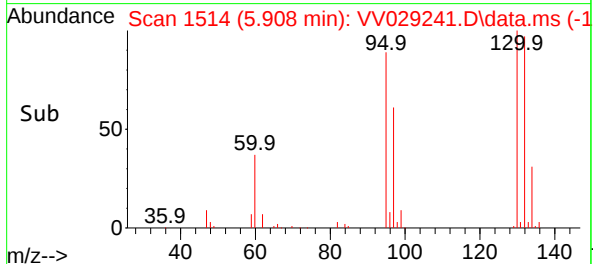
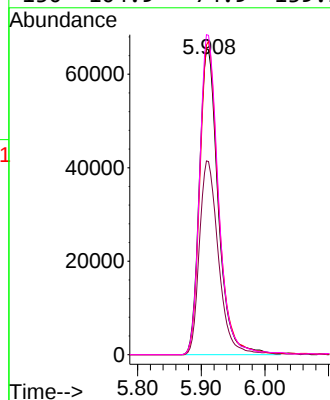
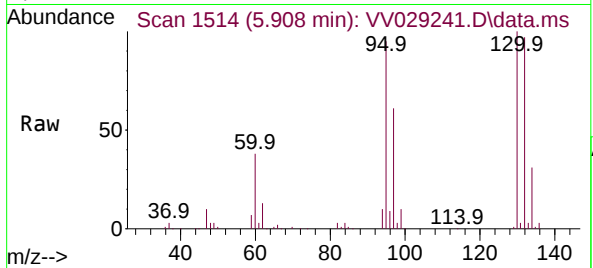




#34
Trichloroethene
Concen: 5.920 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV029241.D
Acq: 20 Nov 2022 22:32

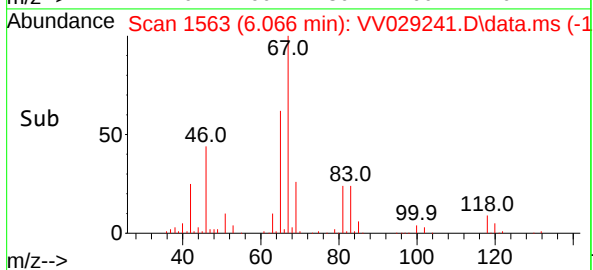
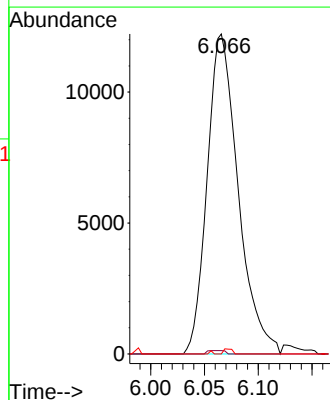
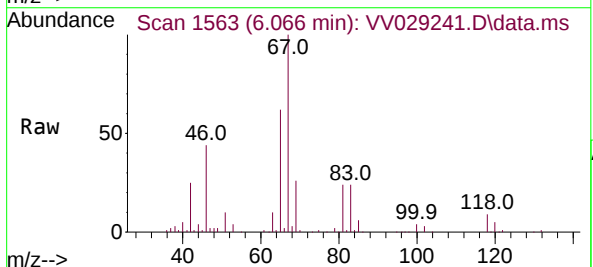
Instrument :
MSVOA_V
ClientSampleId :

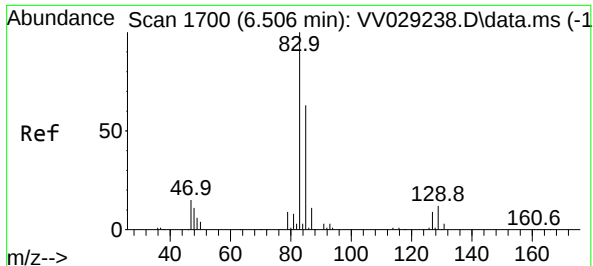
Tgt Ion: 95 Resp: 135134
Ion Ratio Lower Upper
95 100
97 63.5 45.6 84.8
132 101.4 69.1 128.3
130 104.9 74.9 139.1



#35
Methylcyclohexane
Concen: 0.611 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029241.D
Acq: 20 Nov 2022 22:32

Tgt Ion: 83 Resp: 24520
Ion Ratio Lower Upper
83 100
55 0.6 55.8 83.6#
98 1.0 38.2 57.2#





#38

Bromodichloromethane

Concen: 0.048 ug/L

RT: 6.516 min Scan# 11

Delta R.T. 0.009 min

Lab File: VV029241.D

Acq: 20 Nov 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

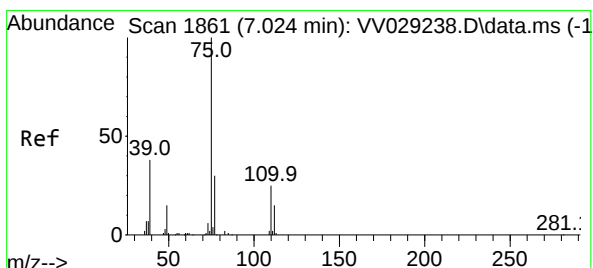
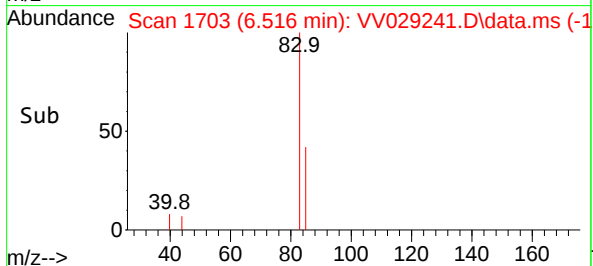
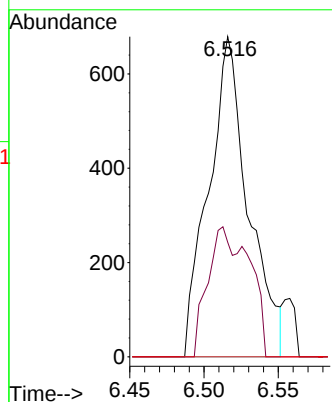
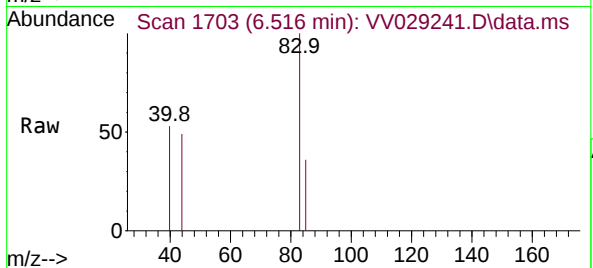
Tgt Ion: 83 Resp: 1262

Ion Ratio Lower Upper

83 100

85 35.8 46.1 85.5#

127 0.0 6.7 10.1#



#39

cis-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV029241.D

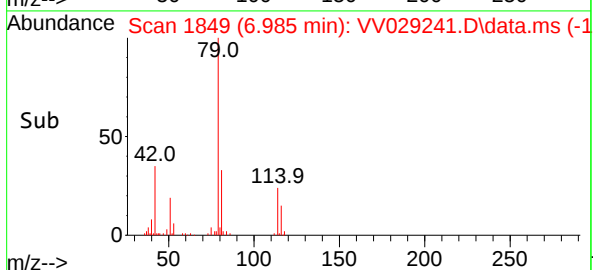
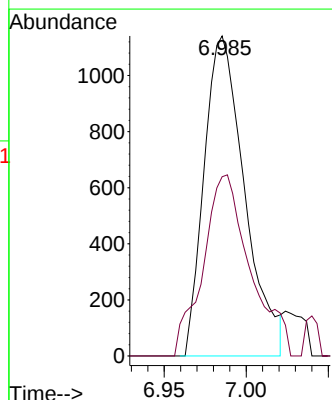
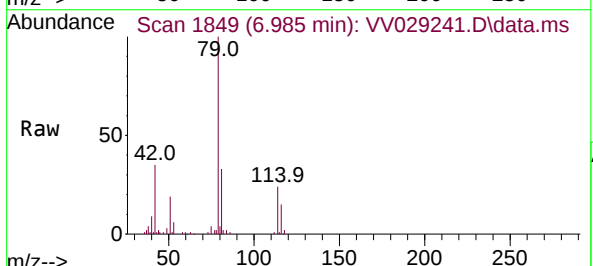
Acq: 20 Nov 2022 22:32

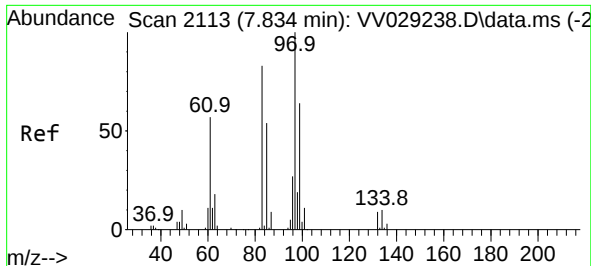
Tgt Ion: 75 Resp: 1955

Ion Ratio Lower Upper

75 100

77 56.0 21.8 40.6#





#45

1,1,2-Trichloroethane

Concen: 0.061 ug/L

RT: 7.969 min Scan# 2113

Delta R.T. 0.135 min

Lab File: VV029241.D

Acq: 20 Nov 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 825

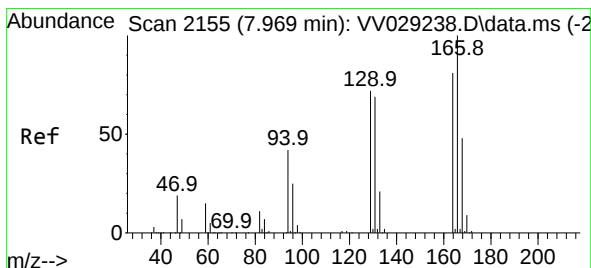
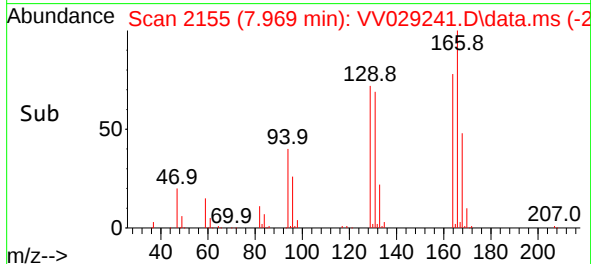
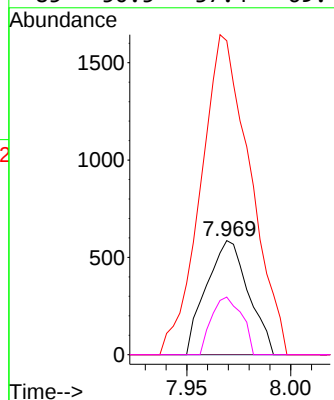
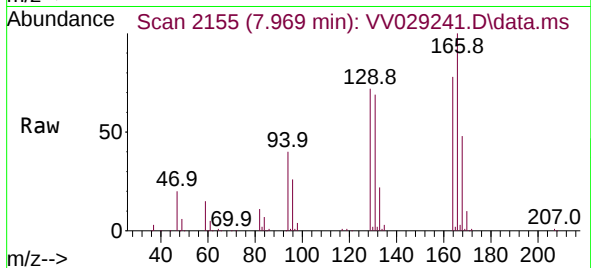
Ion Ratio Lower Upper

97 100

99 0.0 41.5 77.1#

83 275.3 60.0 111.4#

85 50.5 37.4 69.4



#47

Tetrachloroethene

Concen: 6.118 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV029241.D

Acq: 20 Nov 2022 22:32

Tgt Ion: 164 Resp: 111822

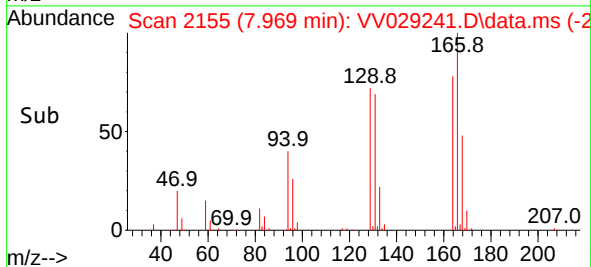
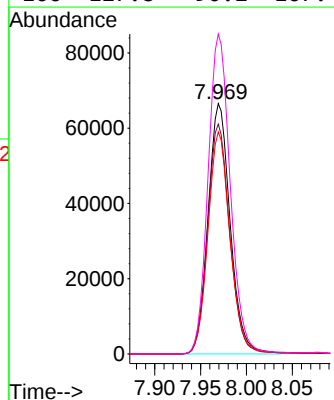
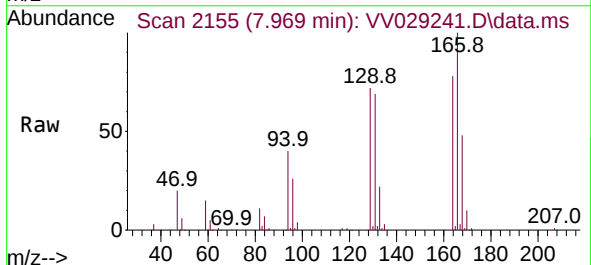
Ion Ratio Lower Upper

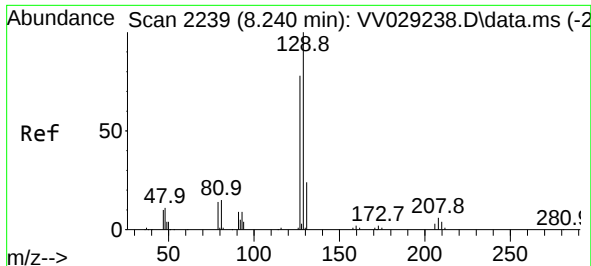
164 100

129 91.8 63.9 118.7

131 88.7 61.8 114.8

166 127.8 90.2 167.4

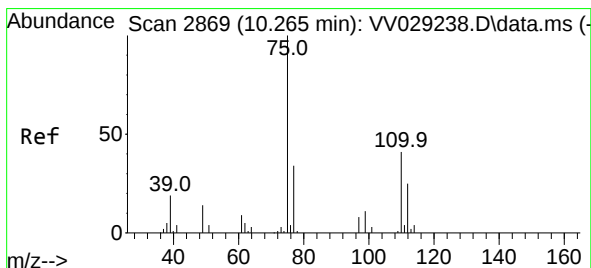
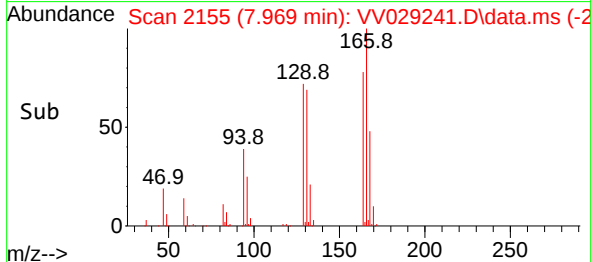
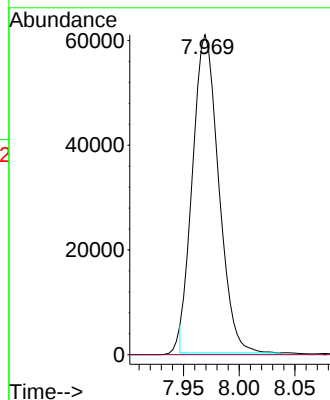
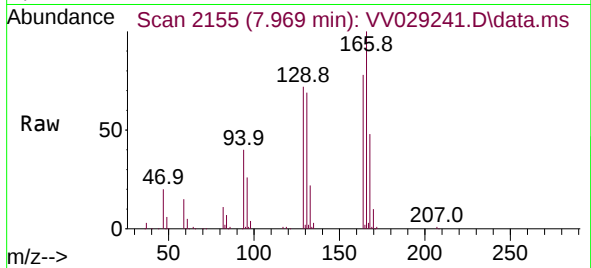




#49
Dibromochloromethane
Concen: 6.075 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV029241.D
Acq: 20 Nov 2022 22:32

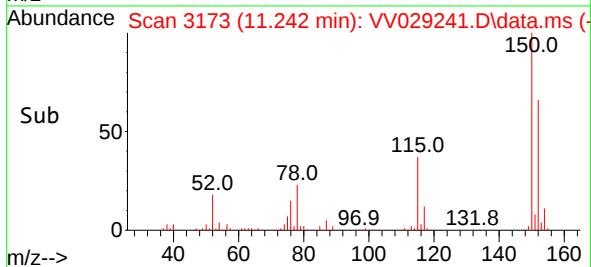
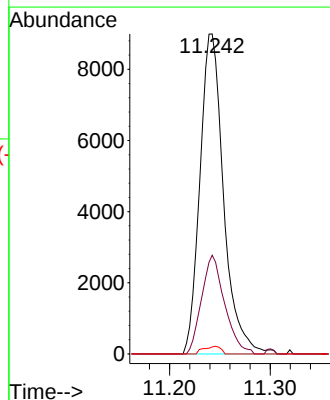
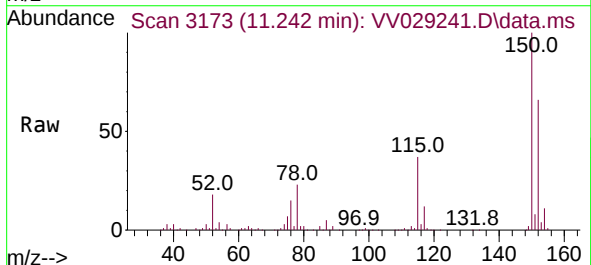
Instrument :
MSVOA_V
ClientSampleId :

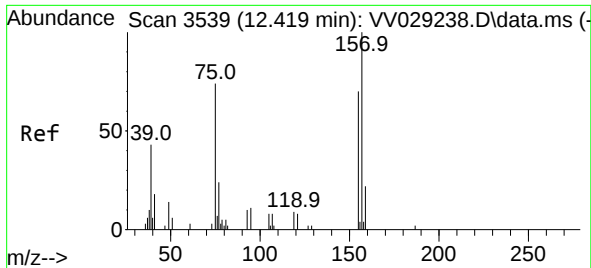
Tgt Ion:129 Resp: 98869
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.577 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV029241.D
Acq: 20 Nov 2022 22:32

Tgt Ion: 75 Resp: 14710
Ion Ratio Lower Upper
75 100
77 30.0 26.2 39.2
110 1.7 32.6 48.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.153 ug/L

RT: 12.239 min Scan# 34

Delta R.T. -0.180 min

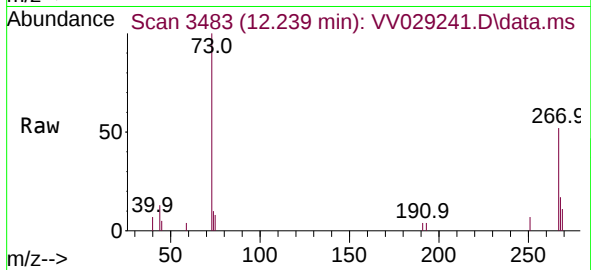
Lab File: VV029241.D

Acq: 20 Nov 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 280

Ion Ratio Lower Upper

75 100

155 0.0 64.8 97.2#

157 0.0 86.3 129.5#

