

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029439.D
 Acq On : 08 Dec 2022 00:13
 Operator : SY/MD
 Sample : N5919-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EF0

Quant Time: Dec 08 05:36:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

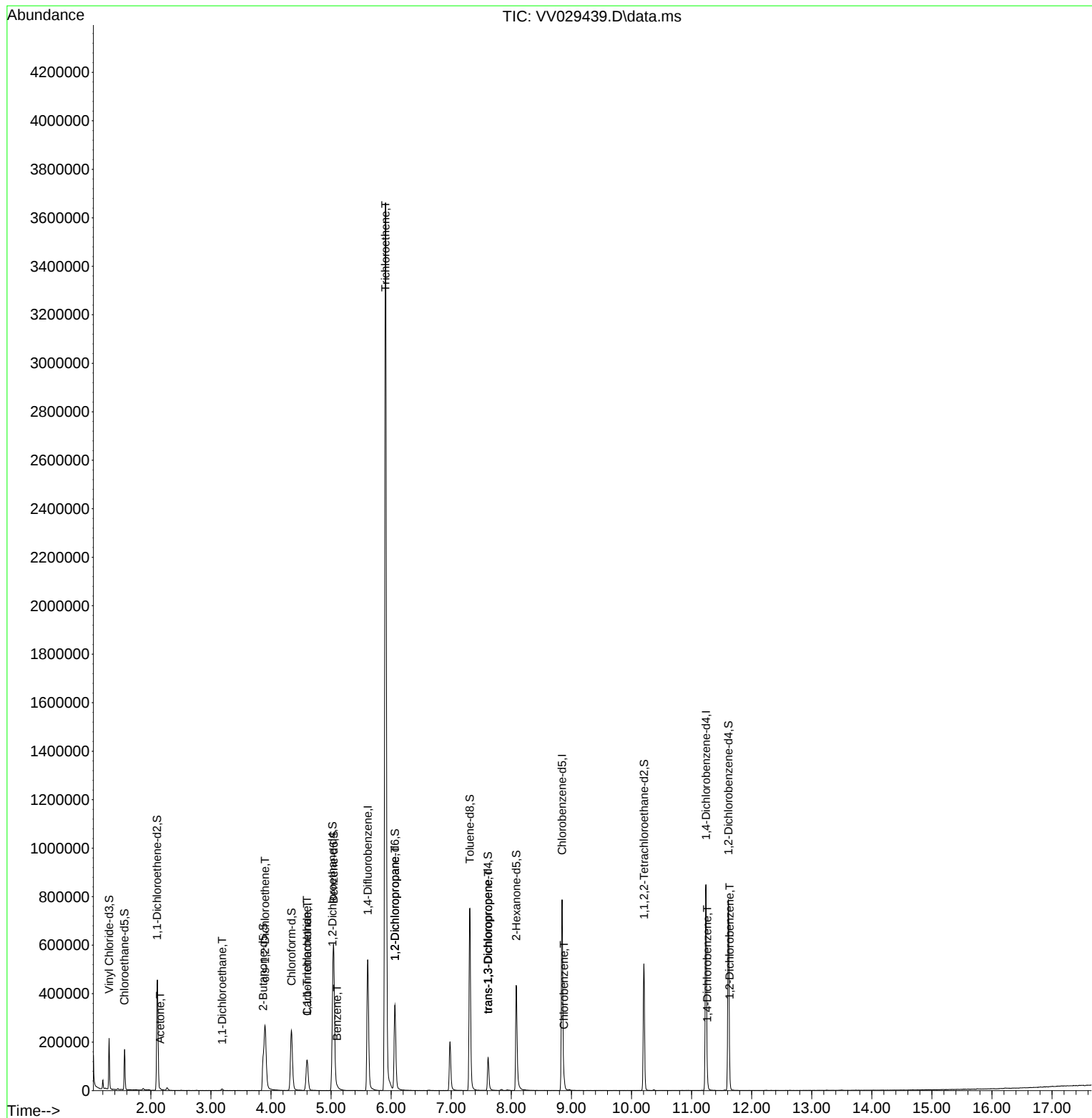
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	502536	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	459775	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	229270	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	126946	41.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.500%
7) Chloroethane-d5	1.561	69	107274	45.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	2.105	63	193781	40.373	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.740%
21) 2-Butanone-d5	3.870	46	192563	102.577	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.580%
24) Chloroform-d	4.339	84	269890	46.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
26) 1,2-Dichloroethane-d4	5.024	65	164021	49.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.180%
32) Benzene-d6	5.043	84	579576	47.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
36) 1,2-Dichloropropane-d6	6.063	67	184970	49.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.700%
41) Toluene-d8	7.310	98	531015	46.389	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.780%
43) trans-1,3-Dichloroprop...	7.612	79	85490	45.622	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.240%
47) 2-Hexanone-d5	8.082	63	166842	105.287	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.290%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	260365	49.099	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	209415	47.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	4059	3.319	ug/L	96
19) 1,1-Dichloroethane	3.185	63	6969	1.314	ug/L	96
20) cis-1,2-Dichloroethene	3.902	96	144843	42.558	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	106480	21.257	ug/L	99
31) Carbon tetrachloride	4.603	117	14316	3.273	ug/L	98
33) Benzene	5.098	78	11028	0.851	ug/L	100
34) Trichloroethene	5.905	95	1319137	406.198	ug/L	98
37) 1,2-Dichloropropane	6.063	63	18464	5.903	ug/L #	85
44) trans-1,3-Dichloropropene	7.616	75	3635	0.746	ug/L	89
51) Chlorobenzene	8.876	112	23212	2.628	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	10827	1.619	ug/L	96
67) 1,2-Dichlorobenzene	11.632	146	7663	1.139	ug/L	94

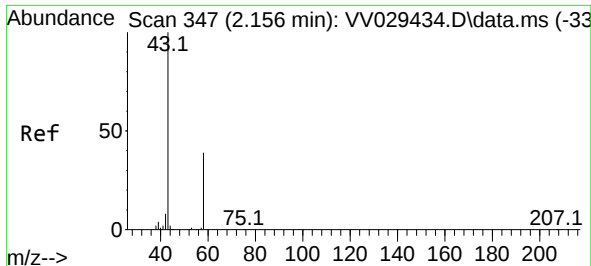
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration





#13

Acetone

Concen: 3.319 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.000 min

Lab File: VV029439.D

Acq: 08 Dec 2022 00:13

Instrument :

MSVOA_V

ClientSampleId :

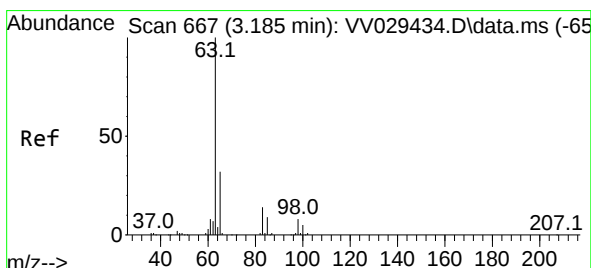
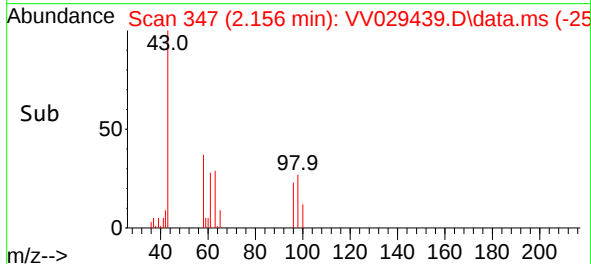
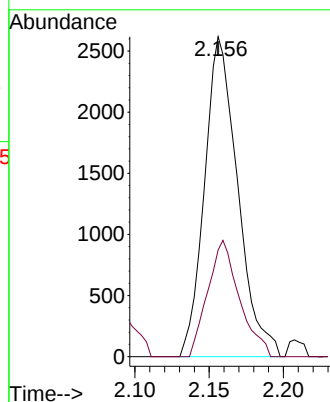
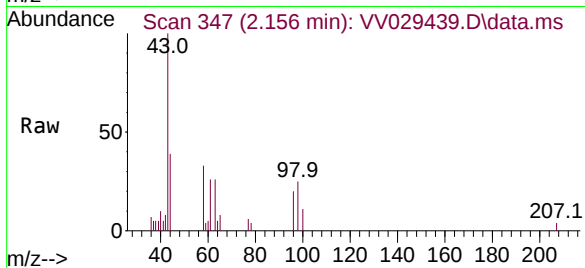
C0EF0

Tgt Ion: 43 Resp: 4059

Ion Ratio Lower Upper

43 100

58 34.7 0.0 74.8



#19

1,1-Dichloroethane

Concen: 1.314 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.000 min

Lab File: VV029439.D

Acq: 08 Dec 2022 00:13

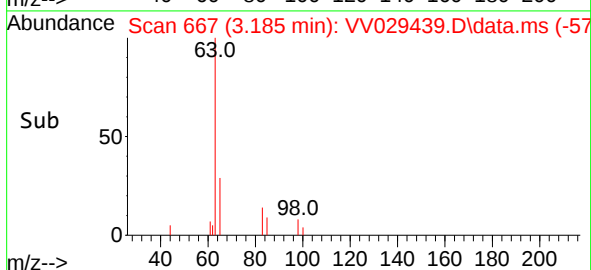
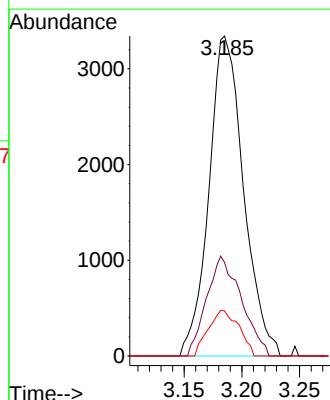
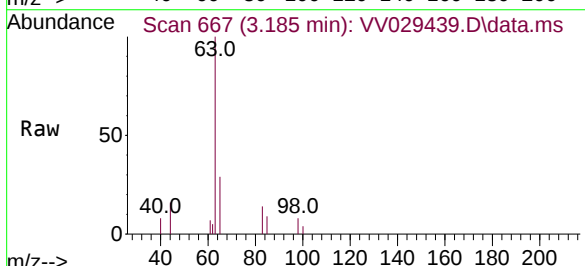
Tgt Ion: 63 Resp: 6969

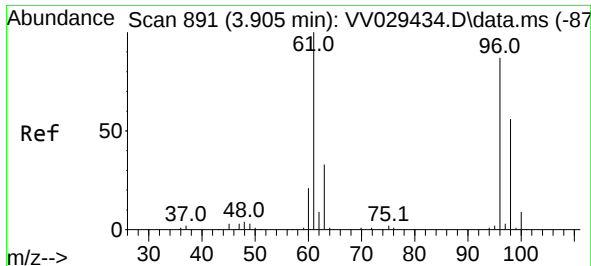
Ion Ratio Lower Upper

63 100

65 29.3 22.5 41.7

83 14.1 10.4 19.2

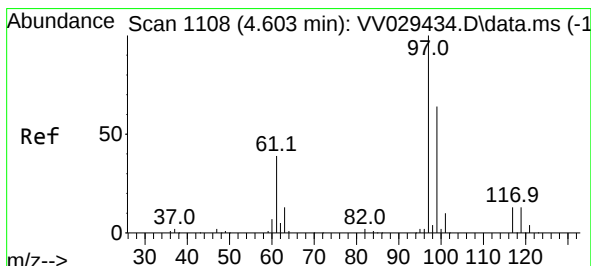
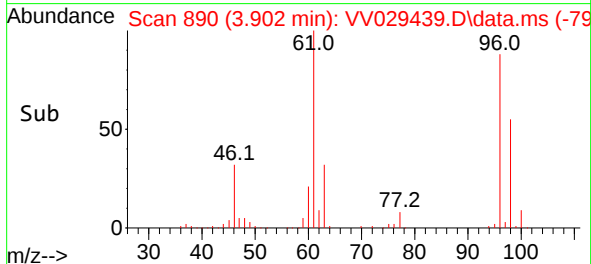
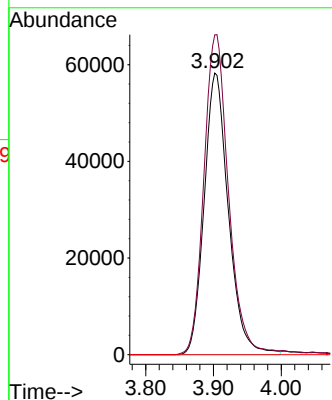
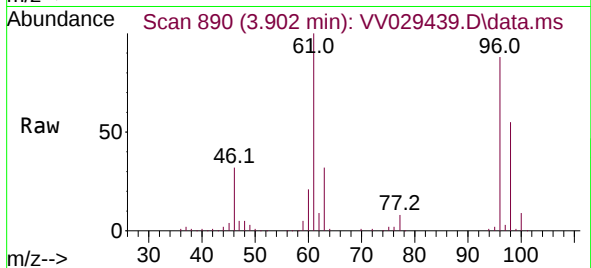




#20
 cis-1,2-Dichloroethene
 Concen: 42.558 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV029439.D
 Acq: 08 Dec 2022 00:13

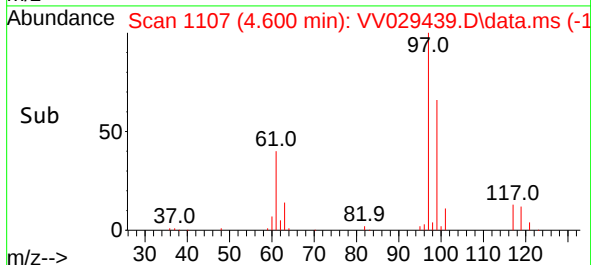
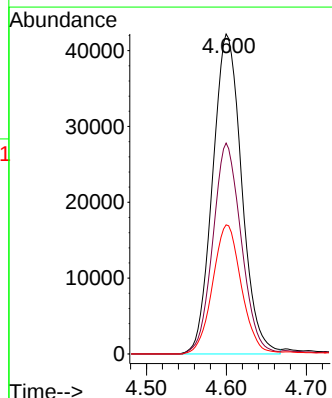
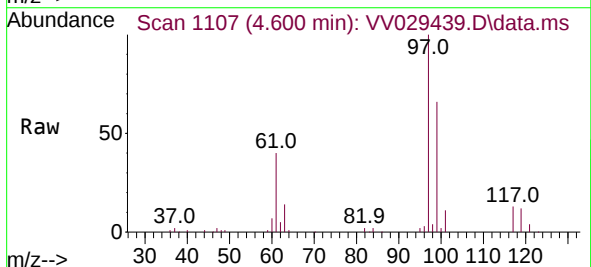
Instrument :
 MSVOA_V
 ClientSampleId :
 C0EF0

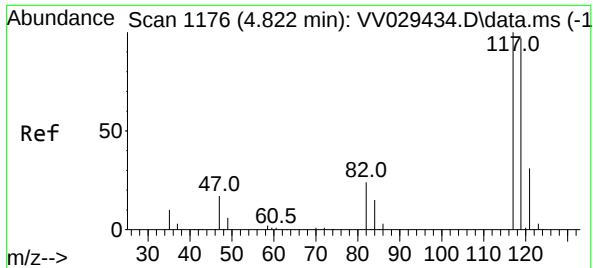
Tgt Ion: 96 Resp: 144843
 Ion Ratio Lower Upper
 96 100
 61 113.6 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 21.257 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.003 min
 Lab File: VV029439.D
 Acq: 08 Dec 2022 00:13

Tgt Ion: 97 Resp: 106480
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.1 78.1
 61 39.9 31.8 47.8

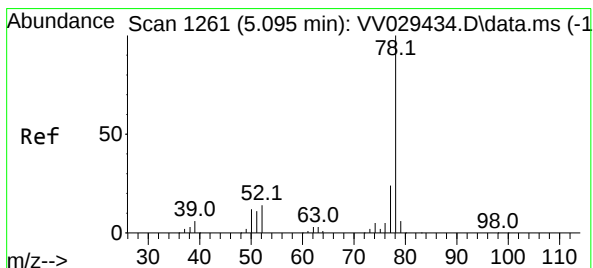
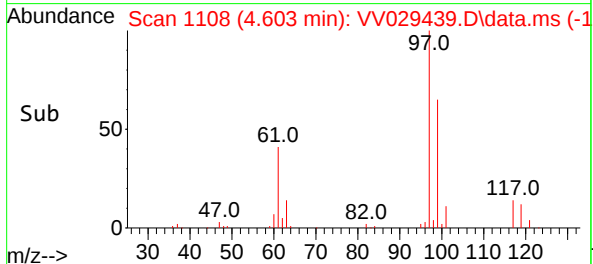
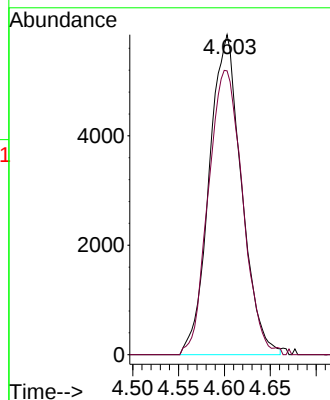
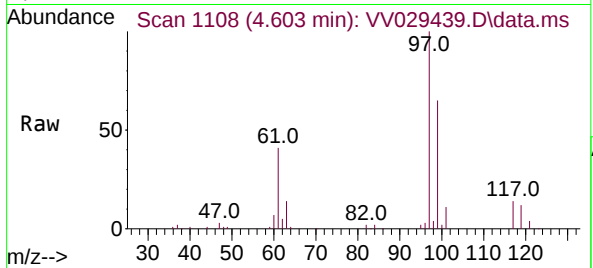




#31
Carbon tetrachloride
Concen: 3.273 ug/L
RT: 4.603 min Scan# 1176
Delta R.T. -0.219 min
Lab File: VV029439.D
Acq: 08 Dec 2022 00:13

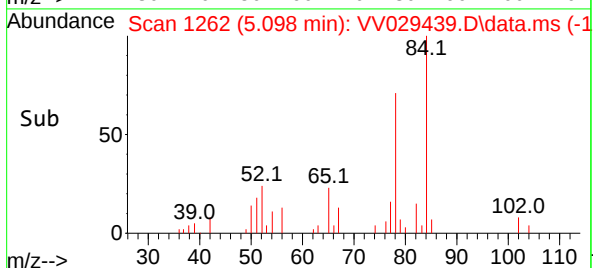
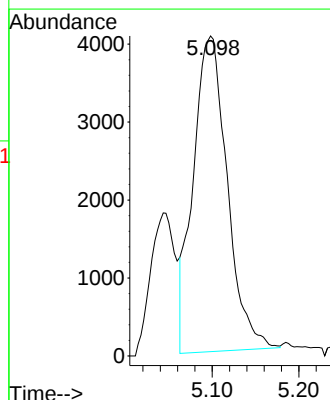
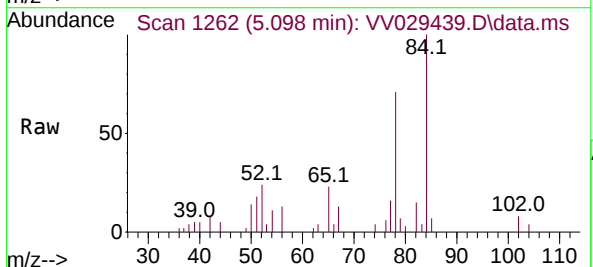
Instrument :
MSVOA_V
ClientSampleId :
C0EF0

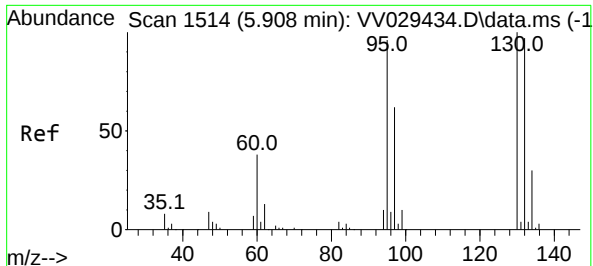
Tgt Ion:117 Resp: 14316
Ion Ratio Lower Upper
117 100
119 93.7 76.7 115.1



#33
Benzene
Concen: 0.851 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV029439.D
Acq: 08 Dec 2022 00:13

Tgt Ion: 78 Resp: 11028

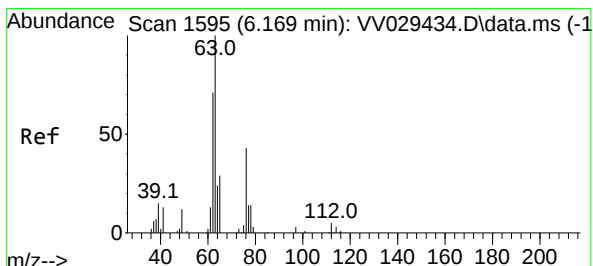
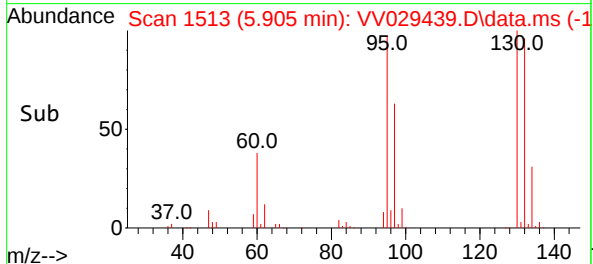
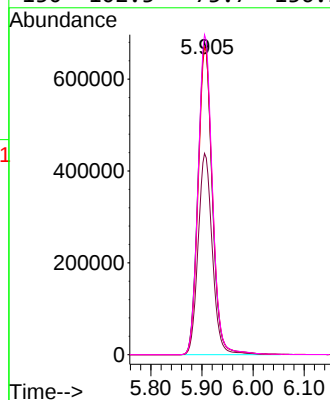
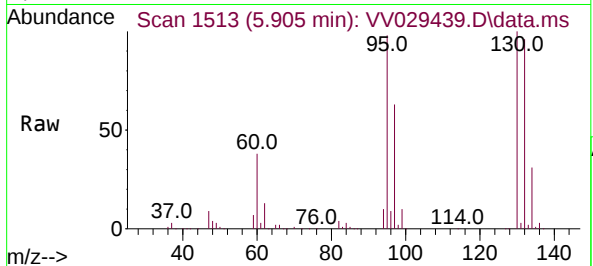




#34
 Trichloroethene
 Concen: 406.198 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV029439.D
 Acq: 08 Dec 2022 00:13

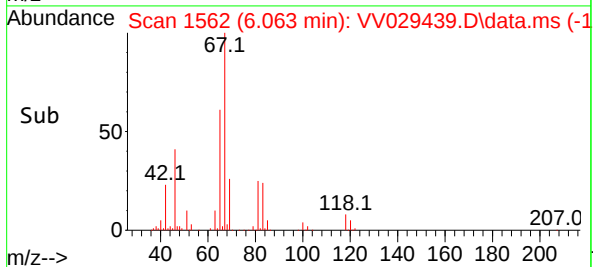
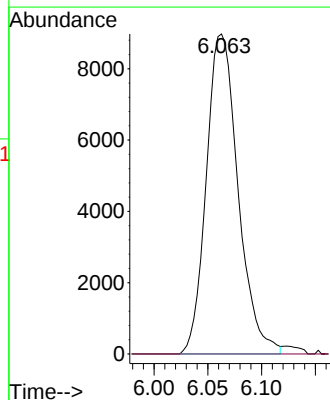
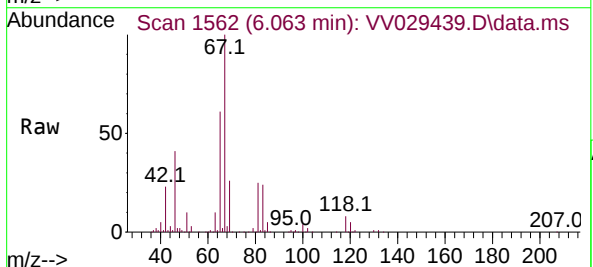
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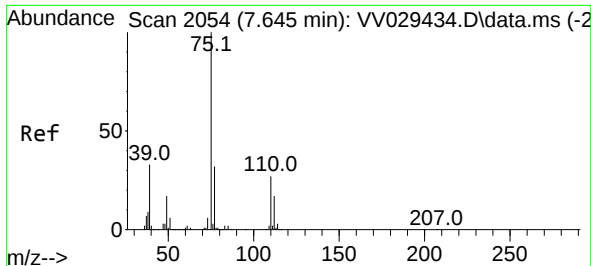
Tgt Ion: 95 Resp: 1319137
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.0 81.8
 132 98.3 69.9 129.9
 130 102.3 73.7 136.9



#37
 1,2-Dichloropropane
 Concen: 5.903 ug/L
 RT: 6.063 min Scan# 1562
 Delta R.T. -0.106 min
 Lab File: VV029439.D
 Acq: 08 Dec 2022 00:13

Tgt Ion: 63 Resp: 18464
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#

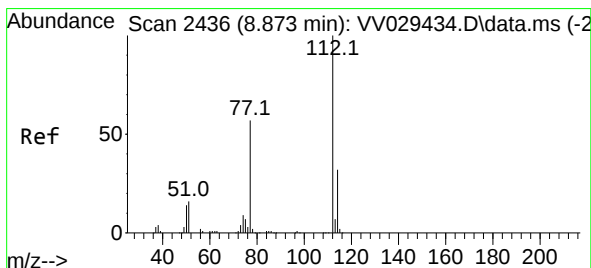
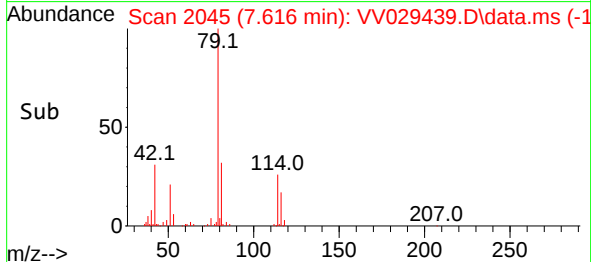
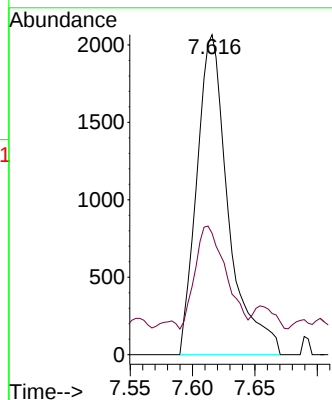
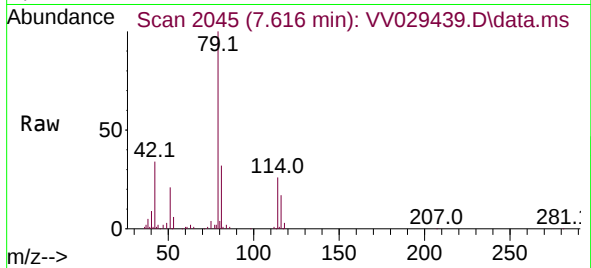




#44
trans-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 7.616 min Scan# 2054
Delta R.T. -0.029 min
Lab File: VV029439.D
Acq: 08 Dec 2022 00:13

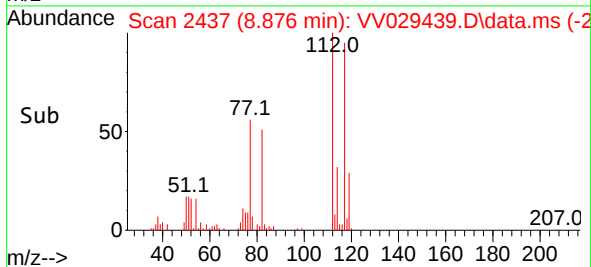
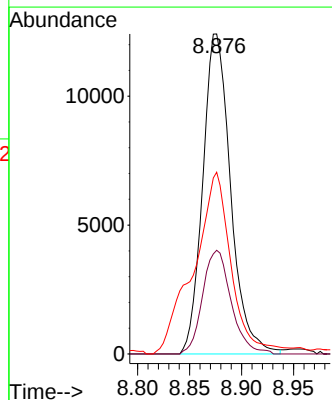
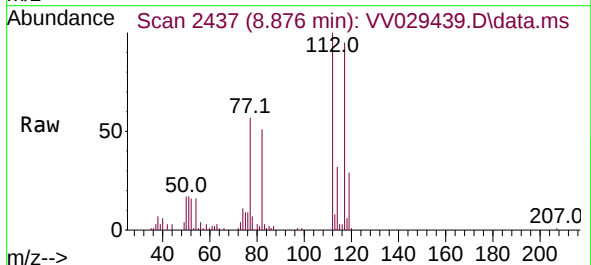
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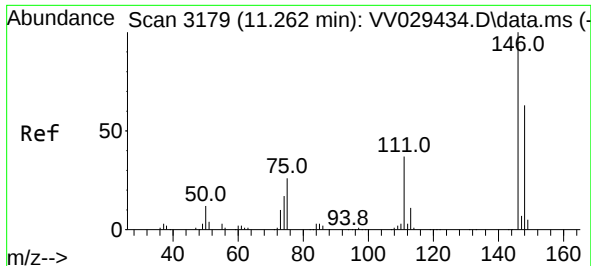
Tgt Ion: 75 Resp: 3635
Ion Ratio Lower Upper
75 100
77 37.9 22.3 41.5



#51
Chlorobenzene
Concen: 2.628 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV029439.D
Acq: 08 Dec 2022 00:13

Tgt Ion: 112 Resp: 23212
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.3
77 56.8 45.0 67.4

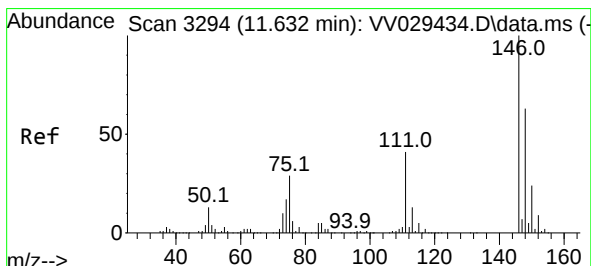
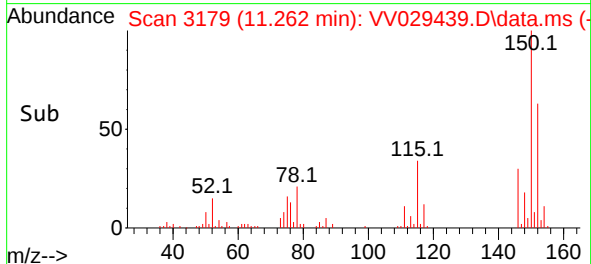
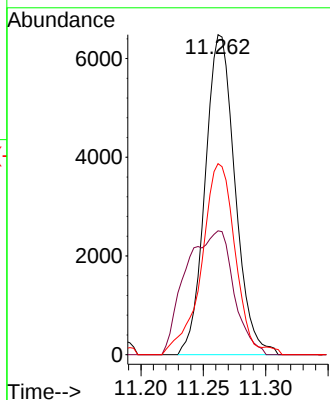
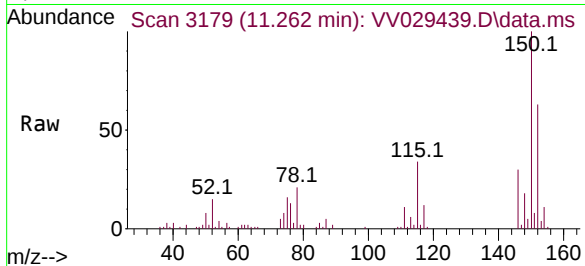




#65
1,4-Dichlorobenzene
Concen: 1.619 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029439.D
Acq: 08 Dec 2022 00:13

Instrument :
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Tgt Ion:146 Resp: 10827
Ion Ratio Lower Upper
146 100
111 38.7 26.2 48.8
148 59.7 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 1.139 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. -0.000 min
Lab File: VV029439.D
Acq: 08 Dec 2022 00:13

Tgt Ion:146 Resp: 7663
Ion Ratio Lower Upper
146 100
111 45.5 32.0 48.0
148 66.0 50.6 76.0

