

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029479.D
 Acq On : 08 Dec 2022 17:47
 Operator : SY/MD
 Sample : N5920-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EJ4

Quant Time: Dec 09 02:01:37 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)

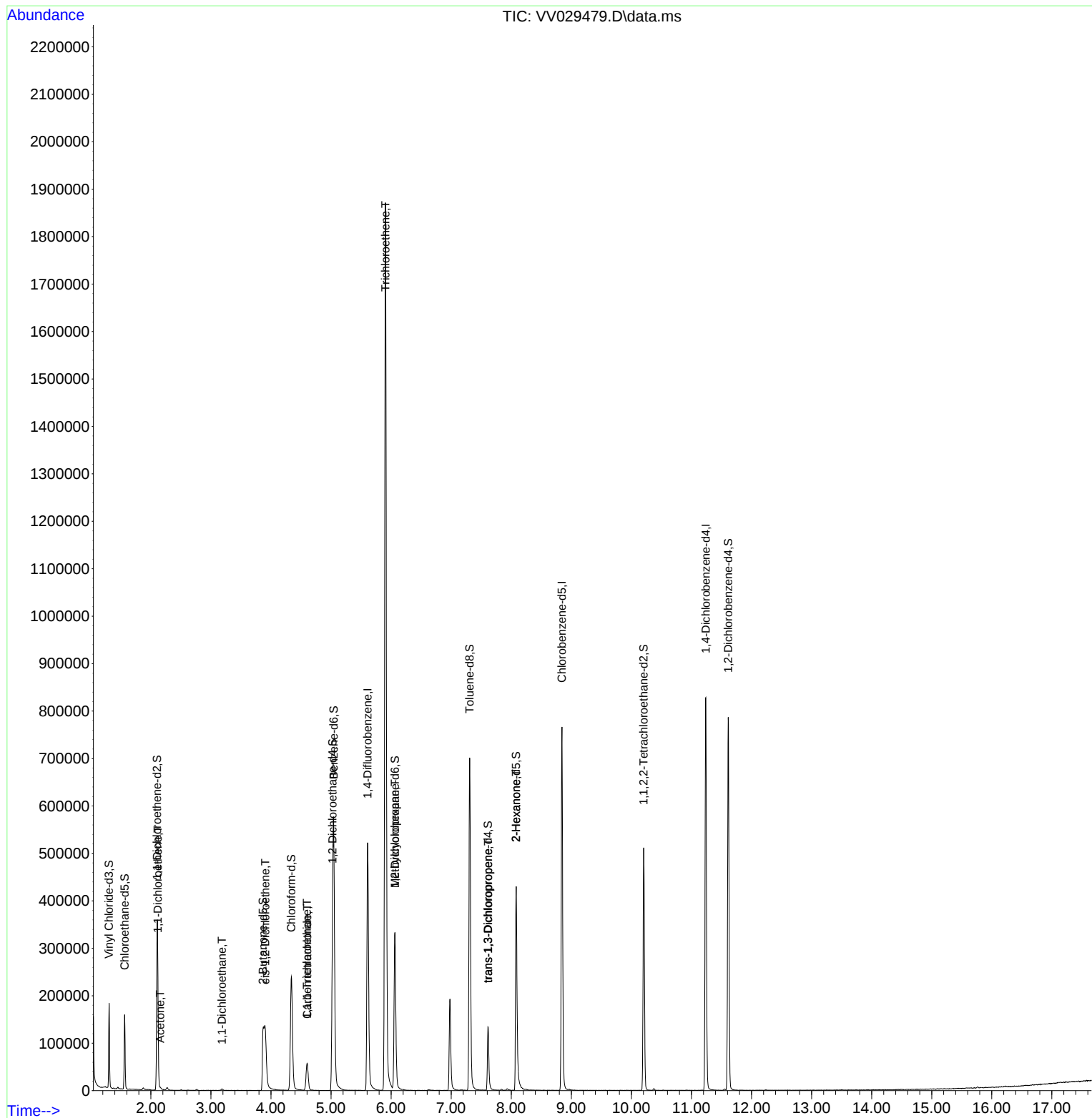
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	475864	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	443458	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	228042	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	112093	38.467	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.940%		
7) Chloroethane-d5	1.564	69	100260	45.121	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.240%		
11) 1,1-Dichloroethene-d2	2.105	63	166651	36.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.340%		
21) 2-Butanone-d5	3.867	46	199928	112.470	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.470%		
24) Chloroform-d	4.339	84	260005	47.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.840%		
26) 1,2-Dichloroethane-d4	5.024	65	159246	50.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.700%		
32) Benzene-d6	5.043	84	553034	47.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.400%		
36) 1,2-Dichloropropane-d6	6.063	67	174841	48.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.700%		
41) Toluene-d8	7.307	98	500895	45.368	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.740%		
43) trans-1,3-Dichloroprop...	7.612	79	82612	45.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.420%		
47) 2-Hexanone-d5	8.082	63	163496	106.972	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.970%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	255135	49.883	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.760%		
66) 1,2-Dichlorobenzene-d4	11.612	152	216627	49.902	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.800%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	39406	15.492	ug/L #	55
13) Acetone	2.156	43	4058	3.504	ug/L	85
19) 1,1-Dichloroethane	3.182	63	3773	0.751	ug/L	90
20) cis-1,2-Dichloroethene	3.905	96	63114	19.584	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	49146	10.172	ug/L	99
31) Carbon tetrachloride	4.603	117	6677	1.583	ug/L	99
34) Trichloroethene	5.905	95	678220	216.527	ug/L	98
35) Methylcyclohexane	6.063	83	41562	7.813	ug/L #	21
44) trans-1,3-Dichloropropene	7.616	75	3387	0.721	ug/L	83
48) 2-Hexanone	8.082	43	16143	5.874	ug/L #	64

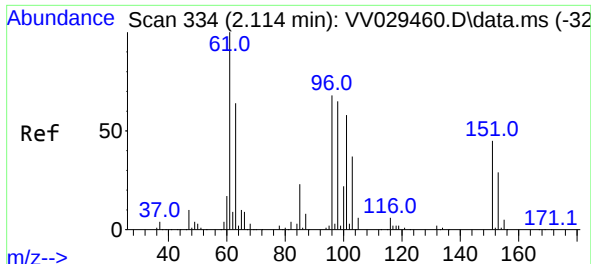
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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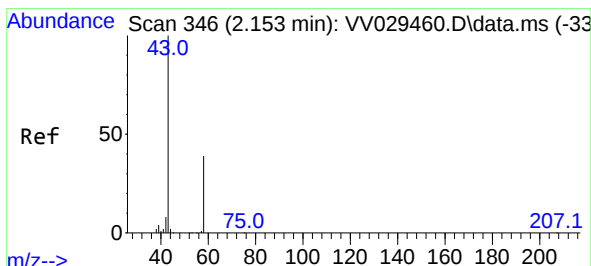
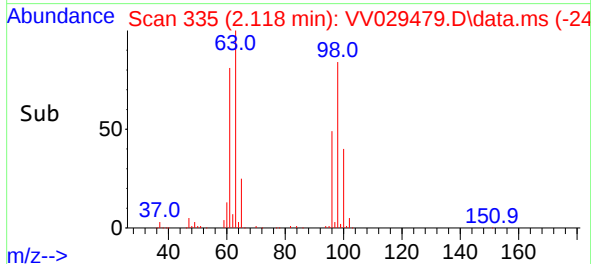
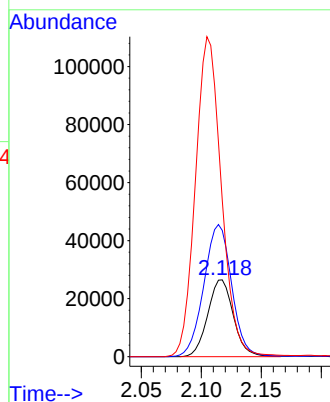
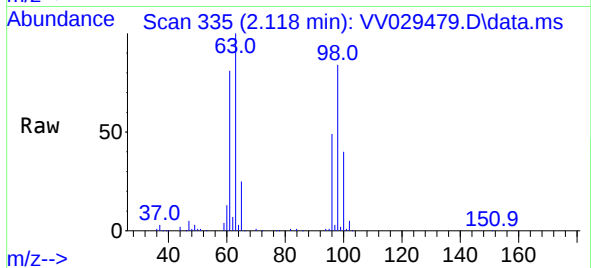




#12
1,1-Dichloroethene
Concen: 15.492 ug/L
RT: 2.118 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029479.D
Acq: 08 Dec 2022 17:47

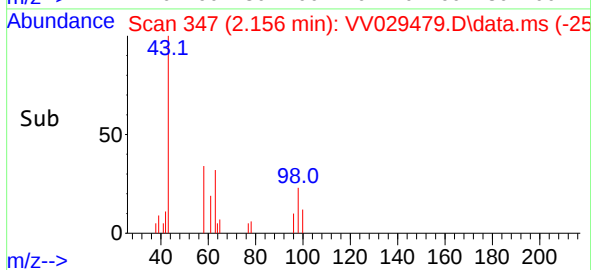
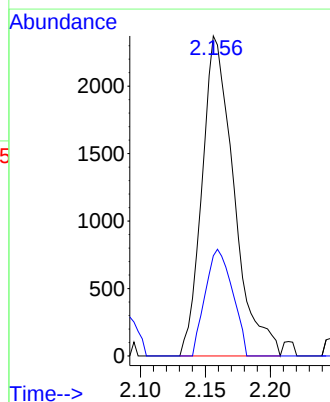
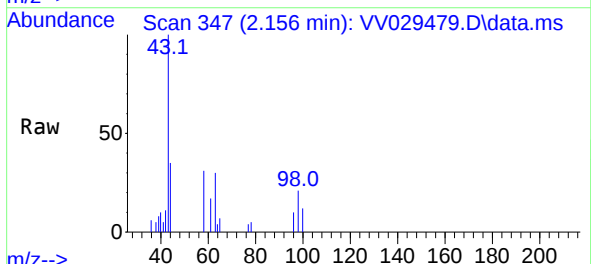
Instrument :
MSVOA_V
ClientSampleId :
C0EJ4

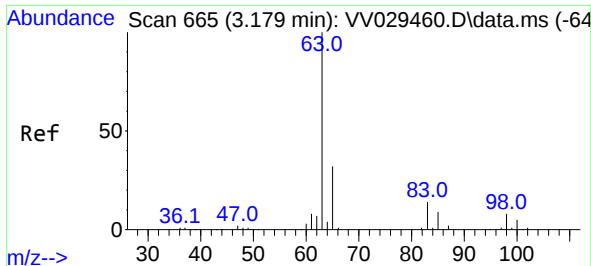
Tgt Ion: 96 Resp: 39406
Ion Ratio Lower Upper
96 100
61 164.3 103.3 191.9
63 203.5 77.3 143.7#



#13
Acetone
Concen: 3.504 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.000 min
Lab File: VV029479.D
Acq: 08 Dec 2022 17:47

Tgt Ion: 43 Resp: 4058
Ion Ratio Lower Upper
43 100
58 28.3 0.0 74.8





#19

1,1-Dichloroethane

Concen: 0.751 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029479.D

Acq: 08 Dec 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

C0EJ4

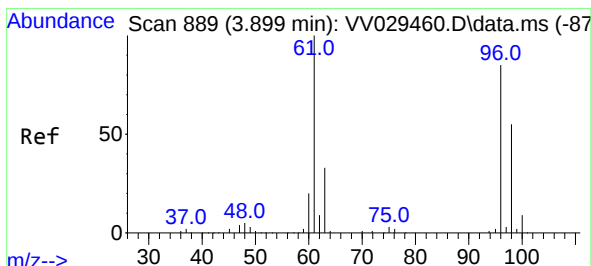
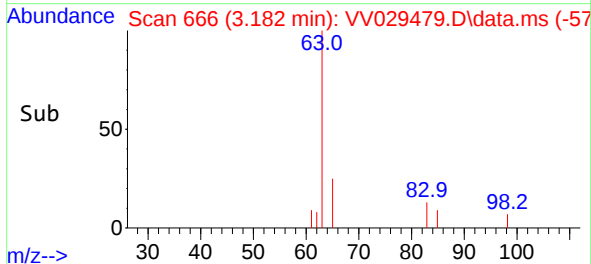
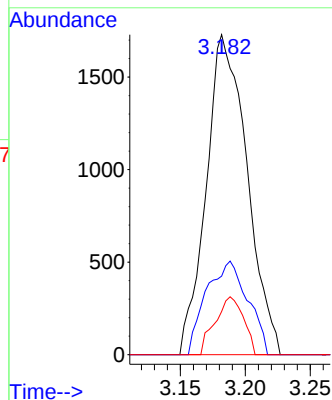
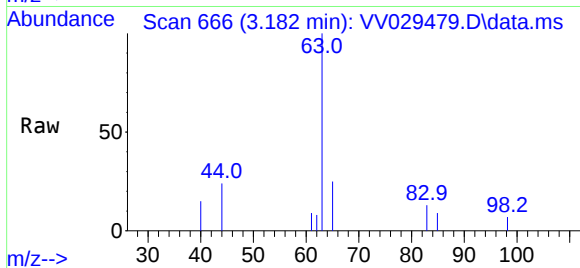
Tgt Ion: 63 Resp: 3773

Ion Ratio Lower Upper

63 100

65 24.5 22.5 41.7

83 13.5 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 19.584 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV029479.D

Acq: 08 Dec 2022 17:47

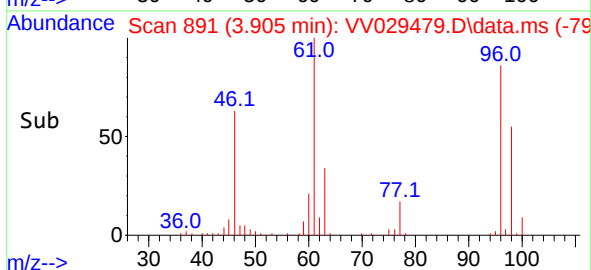
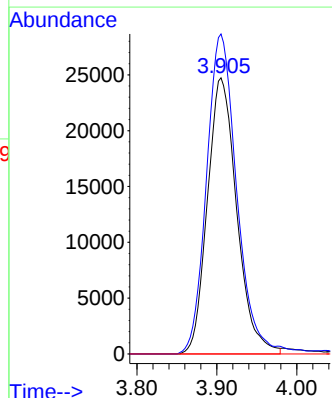
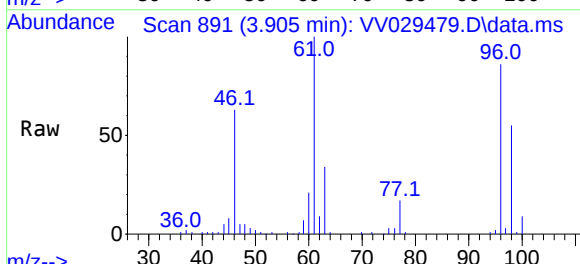
Tgt Ion: 96 Resp: 63114

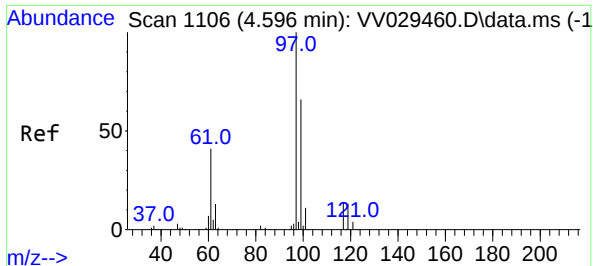
Ion Ratio Lower Upper

96 100

61 115.8 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 10.172 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV029479.D

Acq: 08 Dec 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

C0EJ4

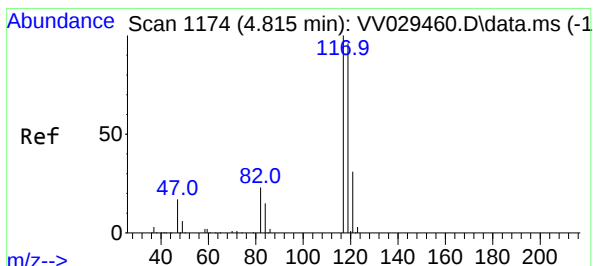
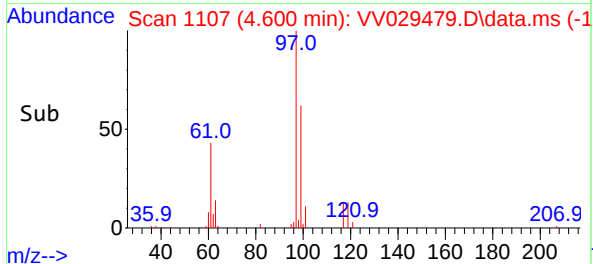
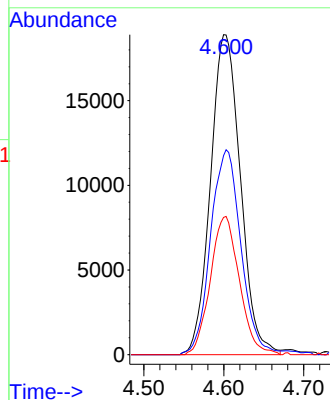
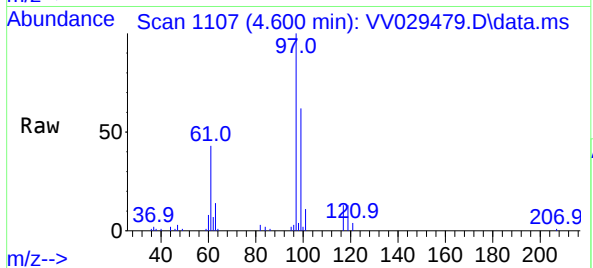
Tgt Ion: 97 Resp: 49146

Ion Ratio Lower Upper

97 100

99 64.9 52.1 78.1

61 42.0 31.8 47.8



#31

Carbon tetrachloride

Concen: 1.583 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.219 min

Lab File: VV029479.D

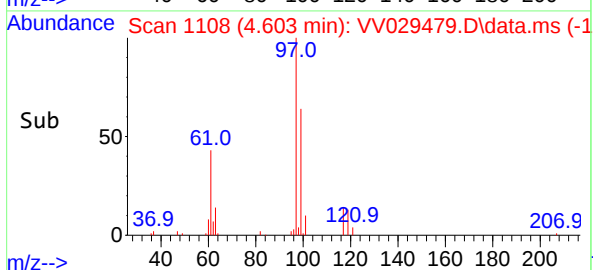
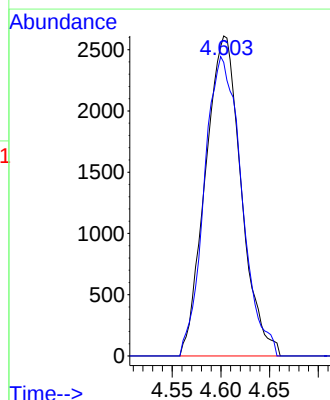
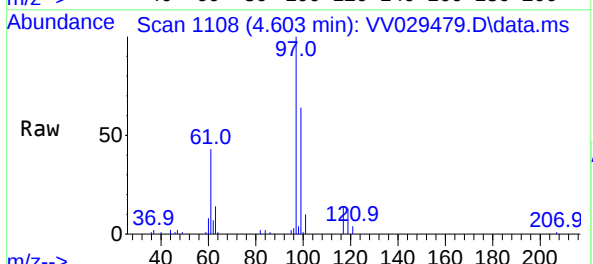
Acq: 08 Dec 2022 17:47

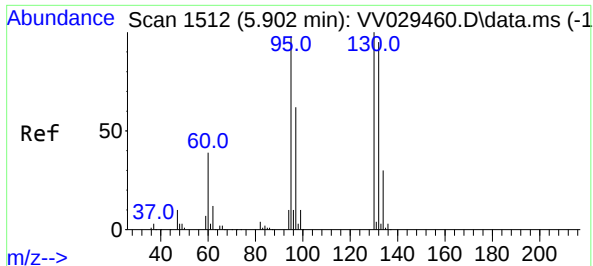
Tgt Ion: 117 Resp: 6677

Ion Ratio Lower Upper

117 100

119 96.8 76.7 115.1

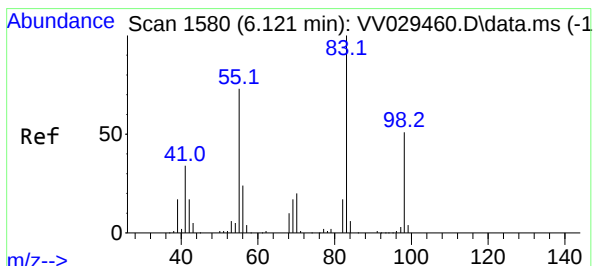
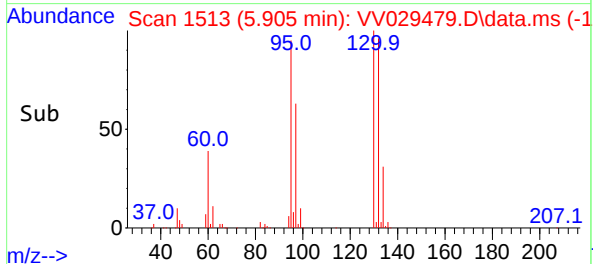
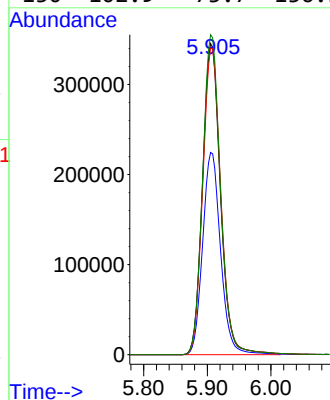
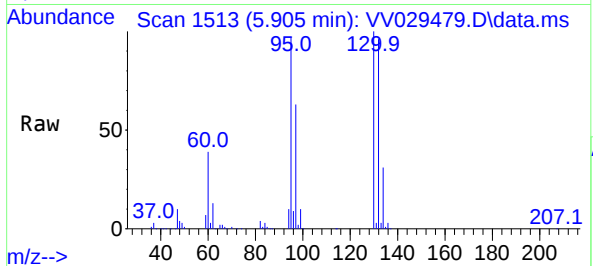




#34
Trichloroethene
Concen: 216.527 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029479.D
Acq: 08 Dec 2022 17:47

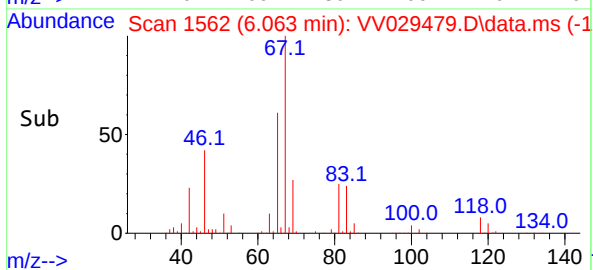
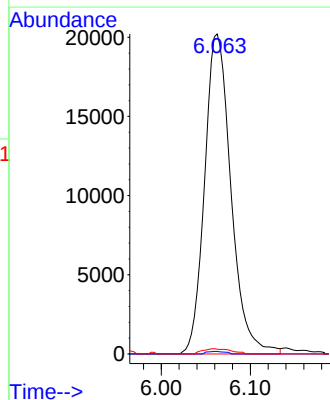
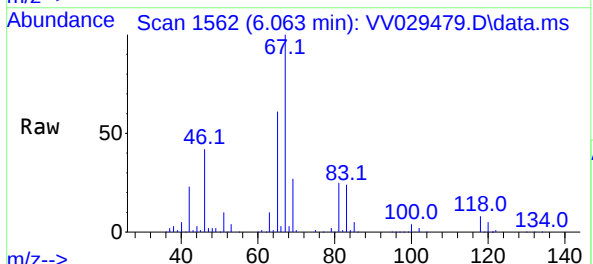
Instrument :
MSVOA_V
ClientSampleId :
C0EJ4

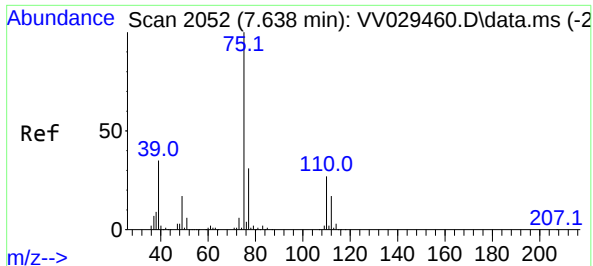
Tgt Ion: 95 Resp: 678220
Ion Ratio Lower Upper
95 100
97 65.0 44.0 81.8
132 98.5 69.9 129.9
130 102.9 73.7 136.9



#35
Methylcyclohexane
Concen: 7.813 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029479.D
Acq: 08 Dec 2022 17:47

Tgt Ion: 83 Resp: 41562
Ion Ratio Lower Upper
83 100
55 0.1 55.5 83.3#
98 1.1 39.8 59.8#

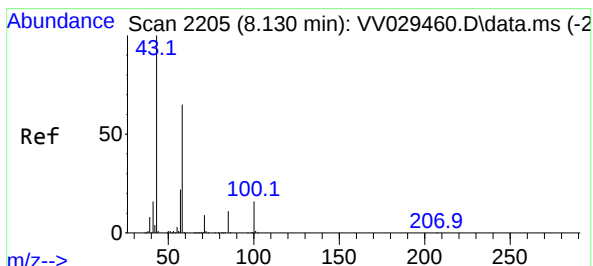
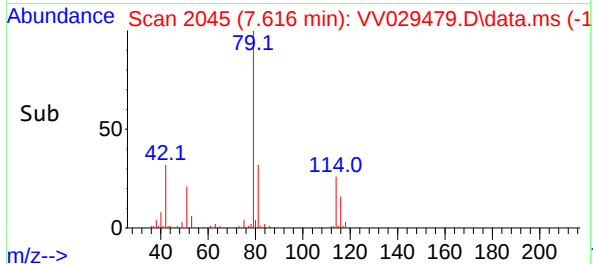
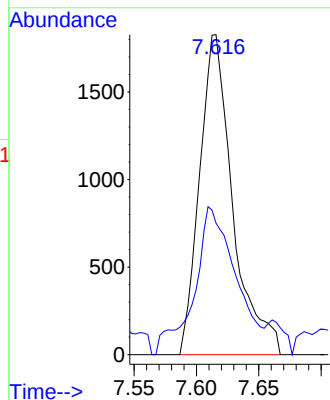
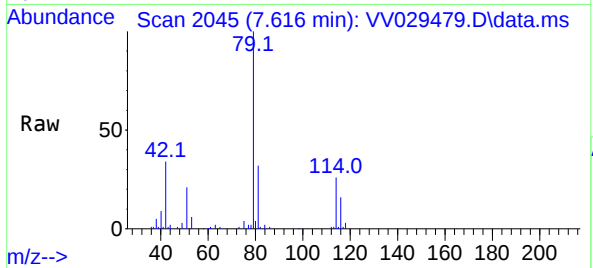




#44
trans-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.029 min
Lab File: VV029479.D
Acq: 08 Dec 2022 17:47

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MSVOA_V
ClientSampleId :
C0EJ4

Tgt Ion: 75 Resp: 3387
Ion Ratio Lower Upper
75 100
77 41.1 22.3 41.5



#48
2-Hexanone
Concen: 5.874 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.051 min
Lab File: VV029479.D
Acq: 08 Dec 2022 17:47

Tgt Ion: 43 Resp: 16143
Ion Ratio Lower Upper
43 100
58 33.4 54.1 81.1#
57 28.7 17.4 26.0#
100 0.8 13.6 20.4#

