

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029489.D
 Acq On : 08 Dec 2022 21:43
 Operator : SY/MD
 Sample : N5929-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ97

Quant Time: Dec 09 04:15:58 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)

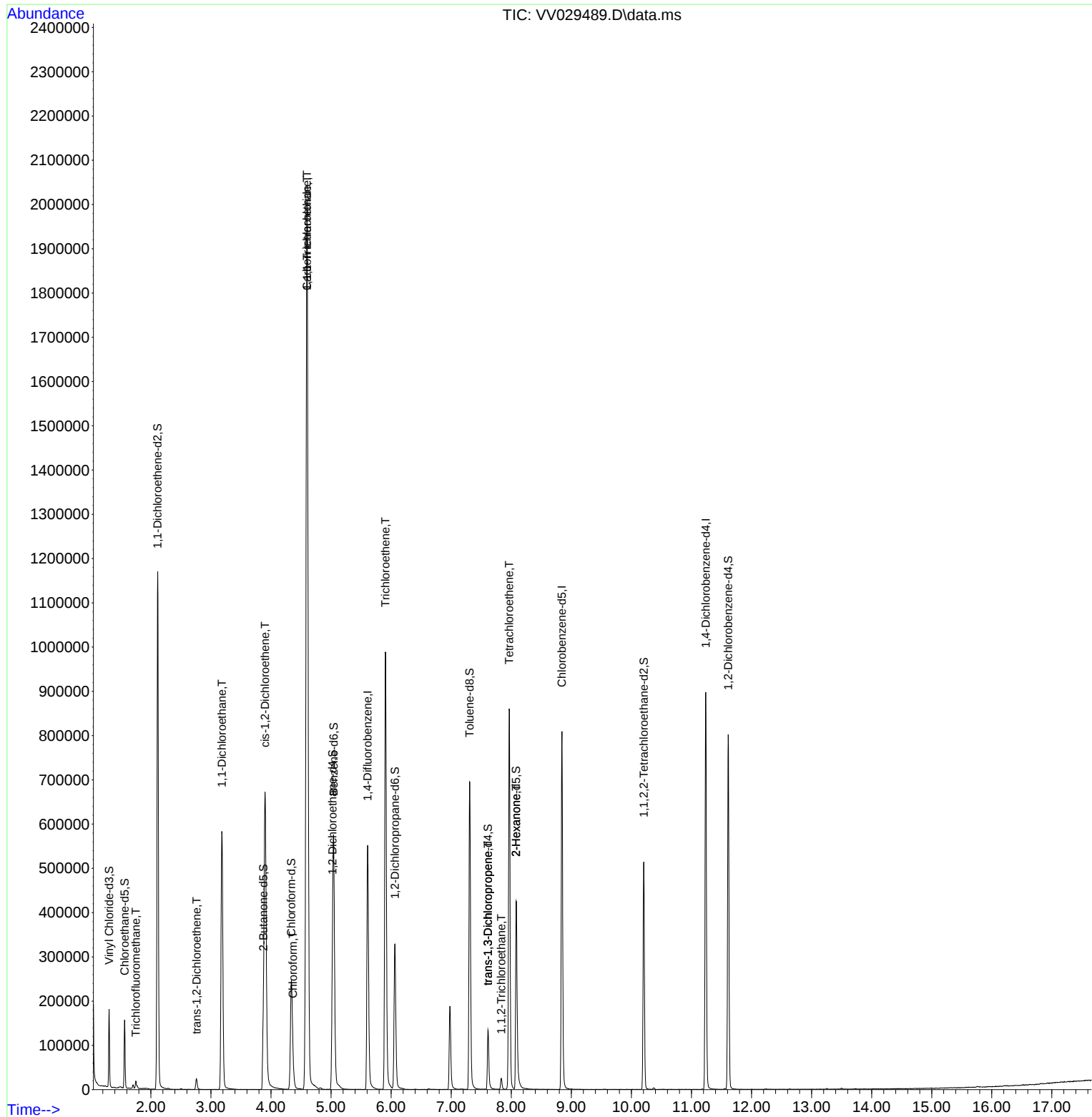
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	511793	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	472417	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	249403	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	110339	35.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.420%		
7) Chloroethane-d5	1.564	69	98156	41.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.140%		
11) 1,1-Dichloroethene-d2	2.111	63	306785	62.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	125.520%#		
21) 2-Butanone-d5	3.873	46	199984	104.604	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.600%		
24) Chloroform-d	4.339	84	261861	44.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.800%		
26) 1,2-Dichloroethane-d4	5.024	65	158079	46.931	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.860%		
32) Benzene-d6	5.043	84	552736	44.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.560%		
36) 1,2-Dichloropropane-d6	6.063	67	171698	45.030	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.060%		
41) Toluene-d8	7.307	98	496918	42.249	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.500%		
43) trans-1,3-Dichloroprop...	7.612	79	81579	42.370	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.740%		
47) 2-Hexanone-d5	8.082	63	163720	100.552	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.550%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	256475	47.071	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.140%		
66) 1,2-Dichlorobenzene-d4	11.612	152	218718	46.068	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.140%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	9517	1.977	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	9799	3.109	ug/L	92
19) 1,1-Dichloroethane	3.182	63	602700	111.611	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	388884	112.196	ug/L	94
25) Chloroform	4.365	83	27004	4.824	ug/L	91
30) 1,1,1-Trichloroethane	4.600	97	1684078	327.198	ug/L	99
31) Carbon tetrachloride	4.600	117	223959	49.828	ug/L	99
34) Trichloroethene	5.905	95	355409	106.511	ug/L	99
44) trans-1,3-Dichloropropene	7.612	75	3518	0.703	ug/L	84
45) 1,1,2-Trichloroethane	7.834	97	8553	2.576	ug/L	96
46) Tetrachloroethene	7.966	164	204654	76.285	ug/L	97
48) 2-Hexanone	8.082	43	15967	5.454	ug/L #	66

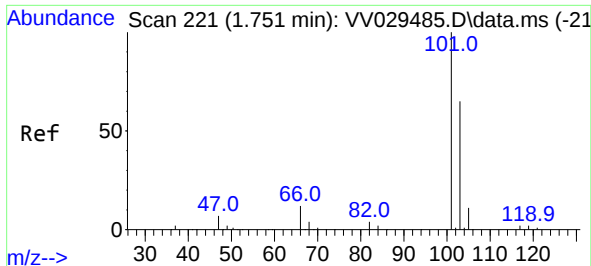
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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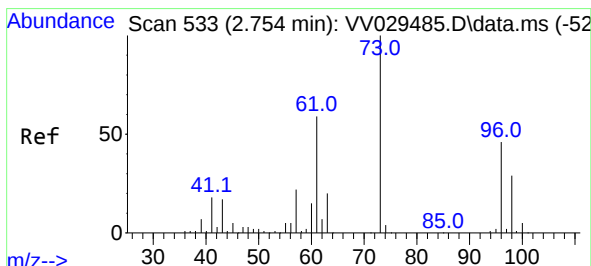
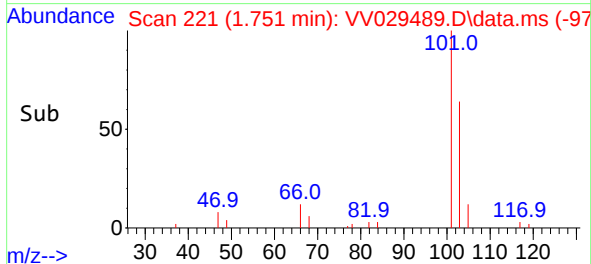
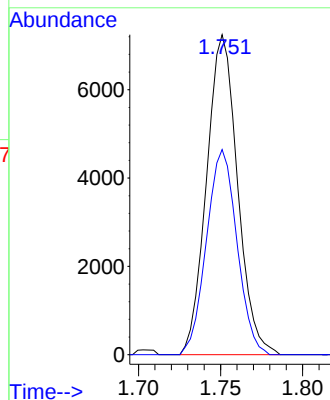
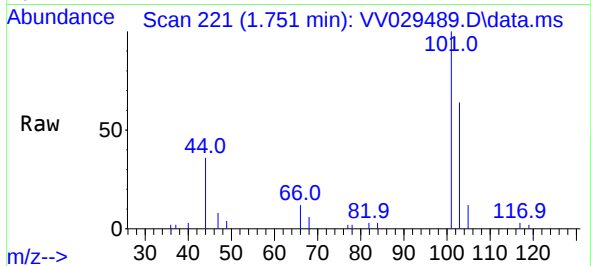




#9
Trichlorofluoromethane
Concen: 1.977 ug/L
RT: 1.751 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

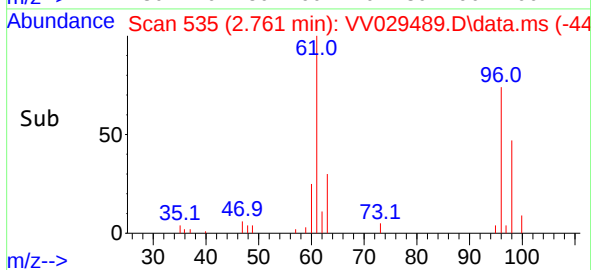
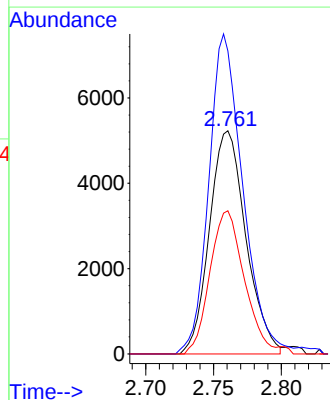
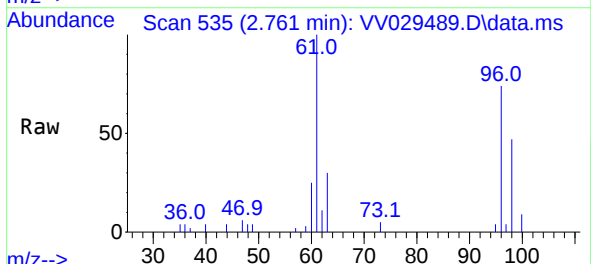
Instrument :
MSVOA_V
ClientSampleId :
EXZ97

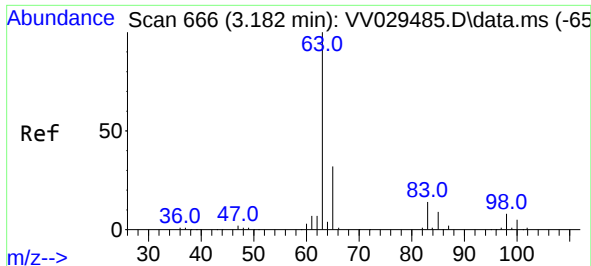
Tgt Ion:101 Resp: 9517
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.8



#17
trans-1,2-Dichloroethene
Concen: 3.109 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

Tgt Ion: 96 Resp: 9799
Ion Ratio Lower Upper
96 100
61 135.8 86.4 160.4
98 64.2 43.4 80.6

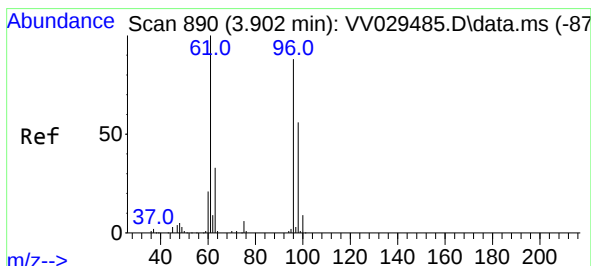
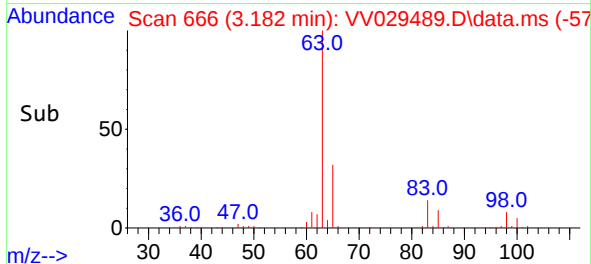
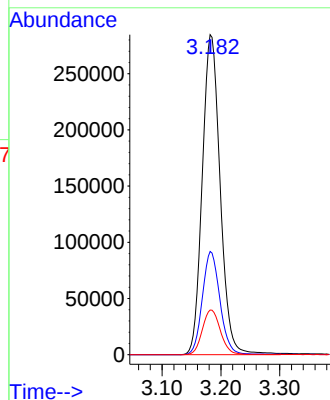
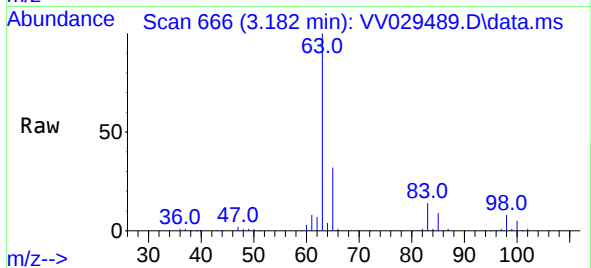




#19
1,1-Dichloroethane
Concen: 111.611 ug/L
RT: 3.182 min Scan# 607
Delta R.T. -0.003 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

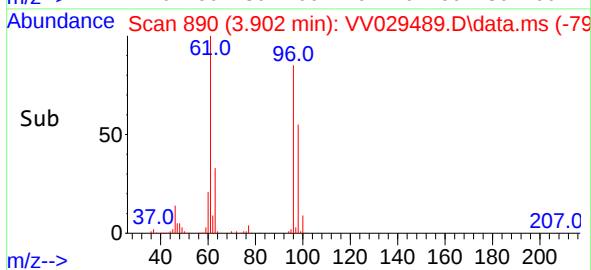
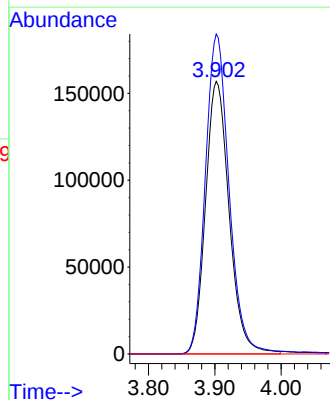
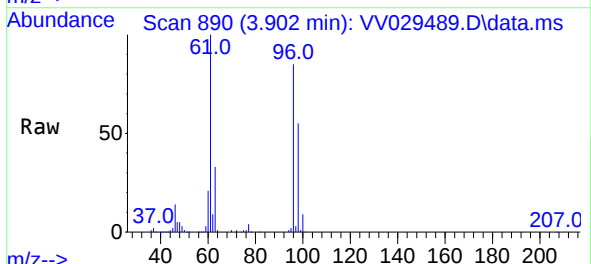
Instrument :
MSVOA_V
ClientSampleId :
EXZ97

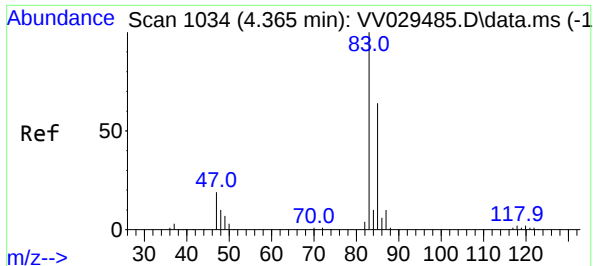
Tgt Ion: 63 Resp: 602700
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.7
83 14.0 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 112.196 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

Tgt Ion: 96 Resp: 388884
Ion Ratio Lower Upper
96 100
61 117.4 78.0 144.9
68 0.0 0.0 0.0

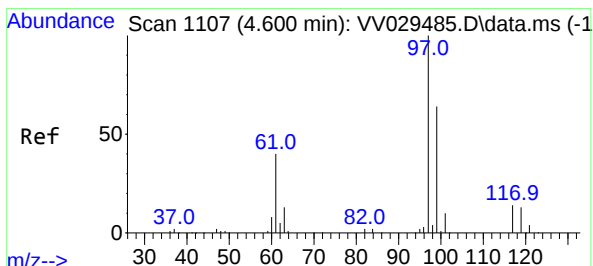
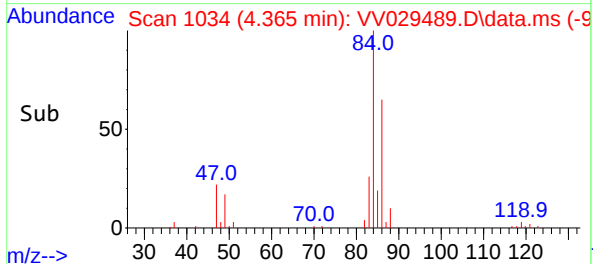
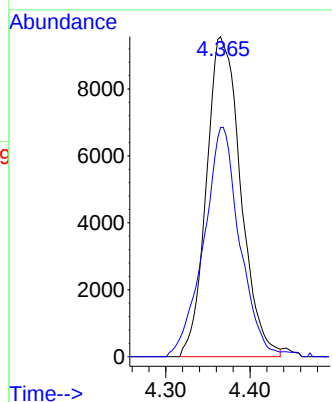
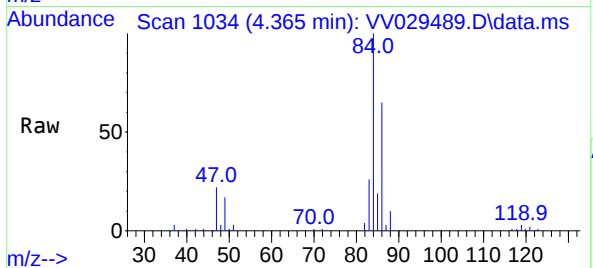




#25
Chloroform
Concen: 4.824 ug/L
RT: 4.365 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

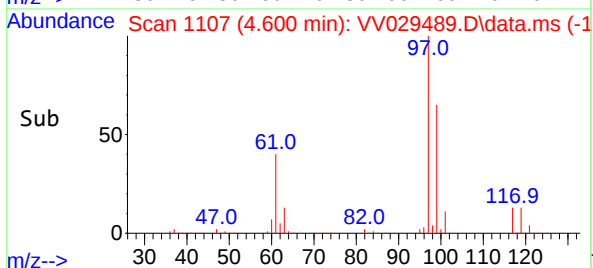
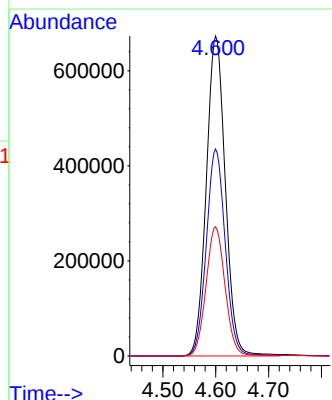
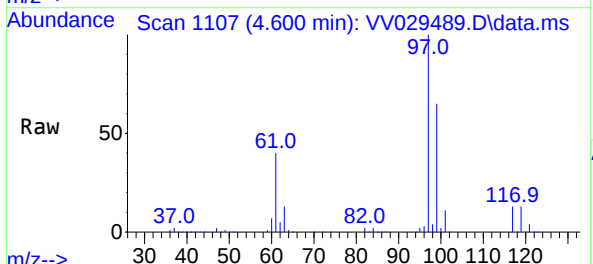
Instrument :
MSVOA_V
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EXZ97

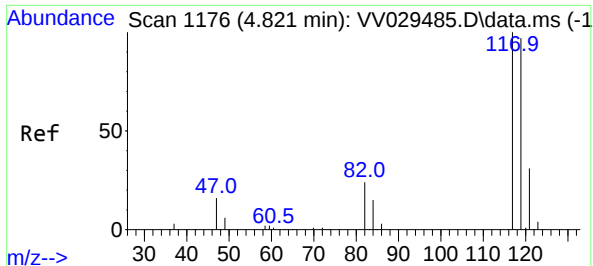
Tgt Ion: 83 Resp: 27004
Ion Ratio Lower Upper
83 100
85 71.6 45.1 83.9



#30
1,1,1-Trichloroethane
Concen: 327.198 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

Tgt Ion: 97 Resp: 1684078
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 40.3 31.8 47.8

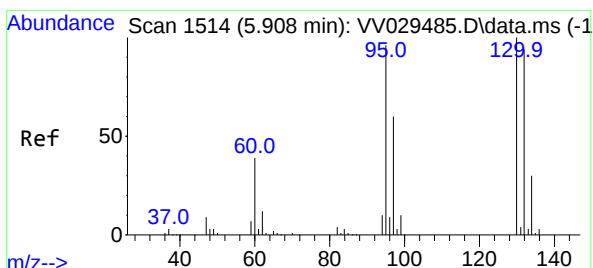
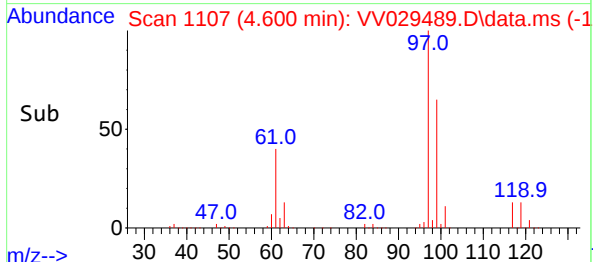
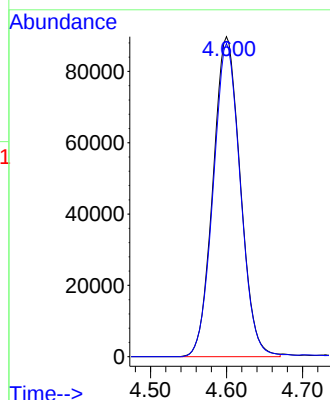
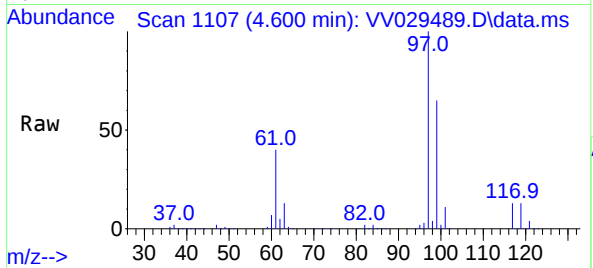




#31
Carbon tetrachloride
Concen: 49.828 ug/L
RT: 4.600 min Scan# 1176
Delta R.T. -0.222 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

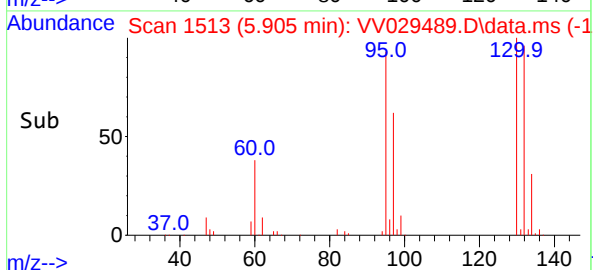
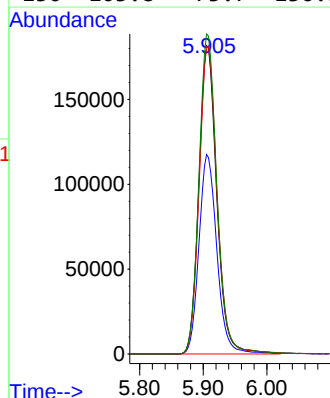
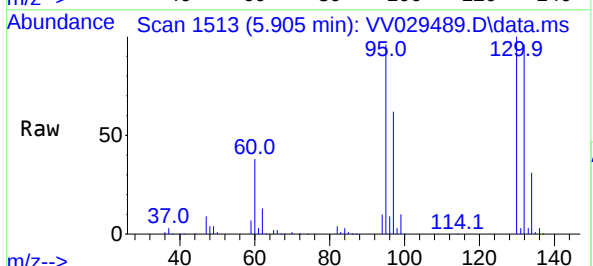
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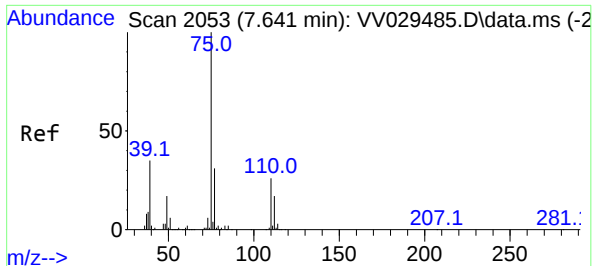
Tgt Ion:117 Resp: 223959
Ion Ratio Lower Upper
117 100
119 97.3 76.7 115.1



#34
Trichloroethene
Concen: 106.511 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

Tgt Ion: 95 Resp: 355409
Ion Ratio Lower Upper
95 100
97 64.7 44.0 81.8
132 99.6 69.9 129.9
130 103.8 73.7 136.9

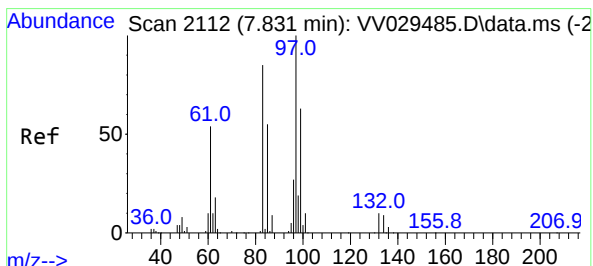
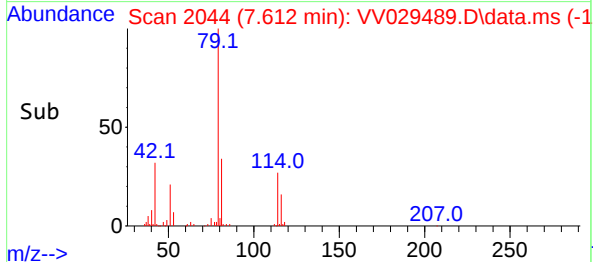
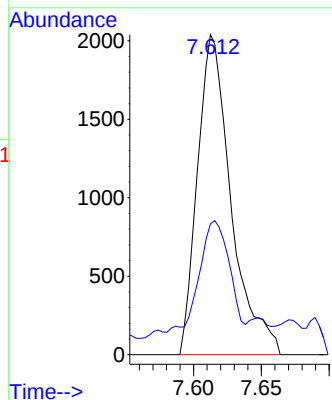
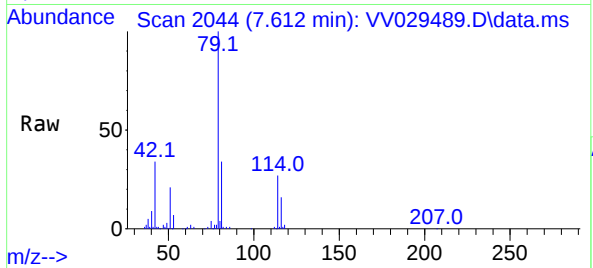




#44
trans-1,3-Dichloropropene
Concen: 0.703 ug/L
RT: 7.612 min Scan# 2044
Delta R.T. -0.032 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

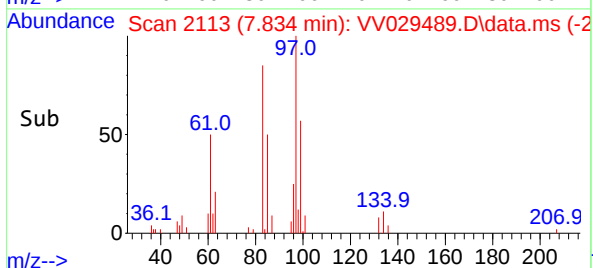
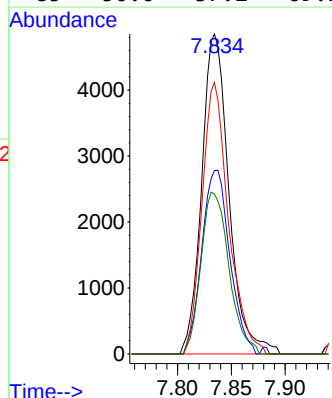
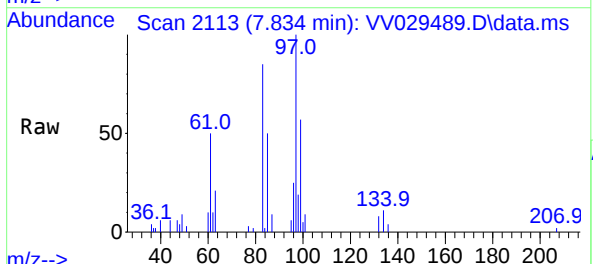
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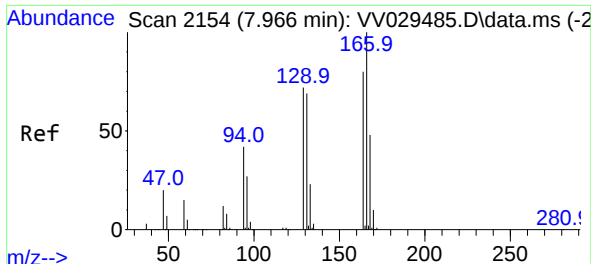
Tgt Ion: 75 Resp: 3518
Ion Ratio Lower Upper
75 100
77 40.9 22.3 41.5



#45
1,1,2-Trichloroethane
Concen: 2.576 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV029489.D
Acq: 08 Dec 2022 21:43

Tgt Ion: 97 Resp: 8553
Ion Ratio Lower Upper
97 100
99 57.3 43.8 81.3
83 84.8 58.6 108.8
85 50.0 37.2 69.2





#46

Tetrachloroethene

Concen: 76.285 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.003 min

Lab File: VV029489.D

Acq: 08 Dec 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ97

Tgt Ion:164 Resp: 204654

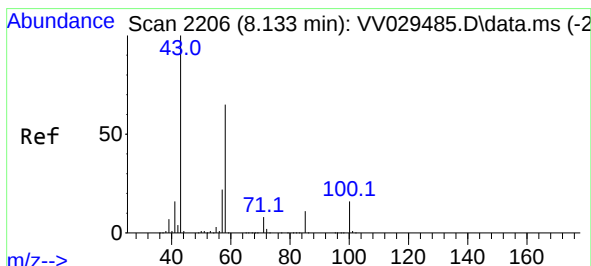
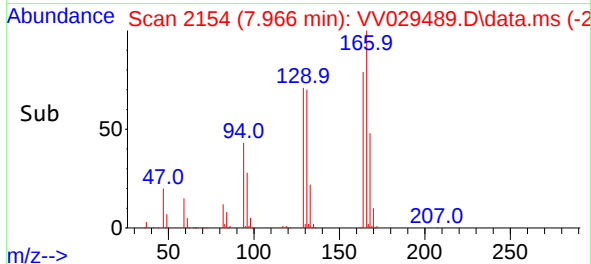
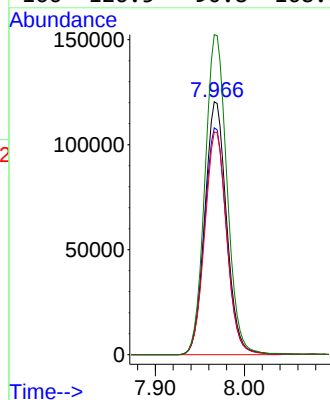
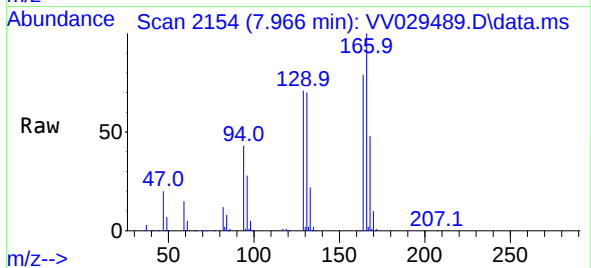
Ion Ratio Lower Upper

164 100

129 89.7 65.3 121.3

131 88.0 63.1 117.1

166 126.5 90.8 168.6



#48

2-Hexanone

Concen: 5.454 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. -0.051 min

Lab File: VV029489.D

Acq: 08 Dec 2022 21:43

Tgt Ion: 43 Resp: 15967

Ion Ratio Lower Upper

43 100

58 35.9 54.1 81.1#

57 28.0 17.4 26.0#

100 0.0 13.6 20.4#

