

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029488.D
 Acq On : 08 Dec 2022 21:19
 Operator : SY/MD
 Sample : N5929-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ96

Quant Time: Dec 09 04:15:51 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)

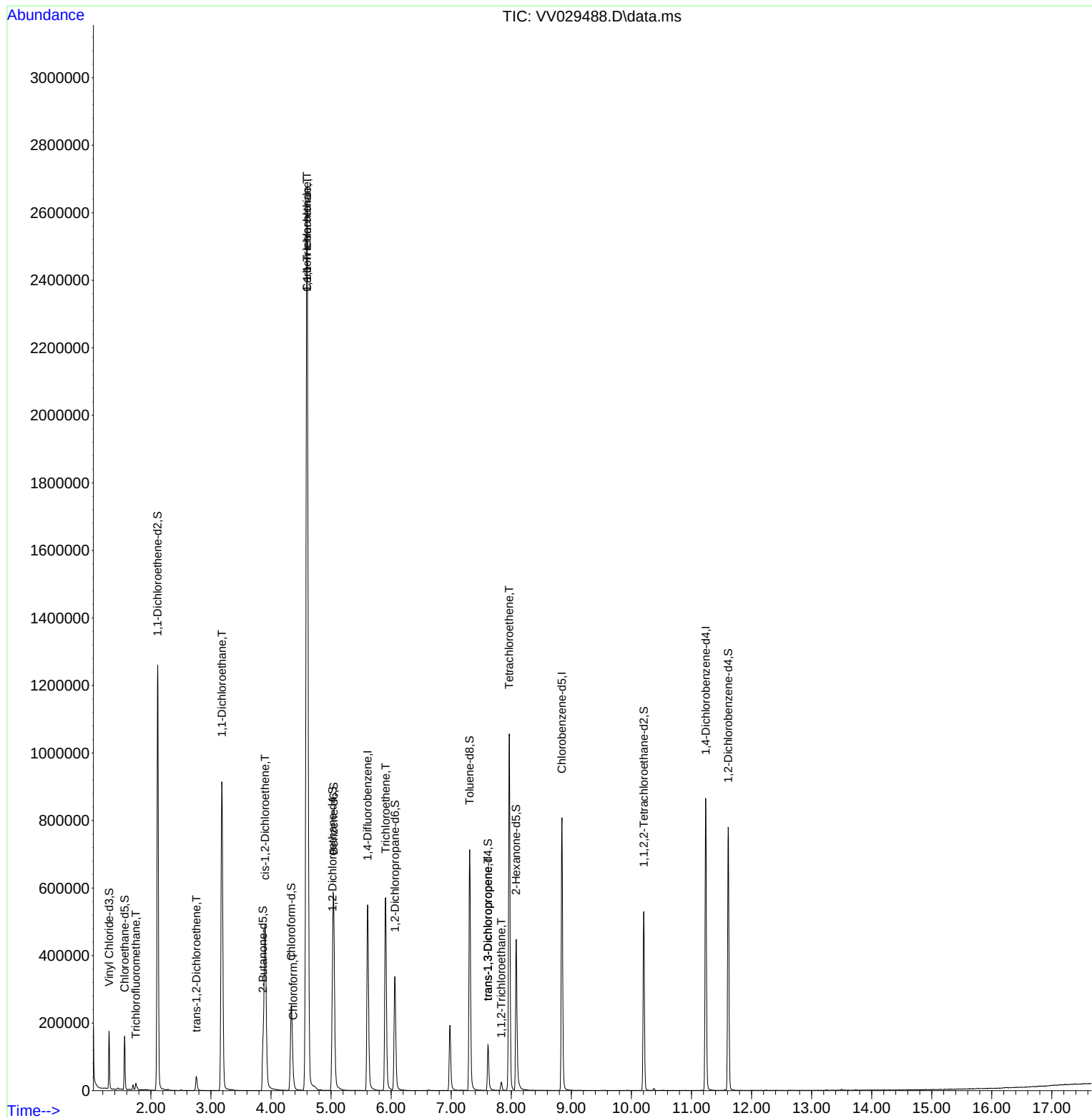
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	507830	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	468791	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	235796	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106851	34.360	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.720%		
7) Chloroethane-d5	1.564	69	101224	42.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.380%		
11) 1,1-Dichloroethene-d2	2.111	63	323767	66.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	133.500%#		
21) 2-Butanone-d5	3.866	46	203742	107.401	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.400%		
24) Chloroform-d	4.339	84	268096	45.813	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.620%		
26) 1,2-Dichloroethane-d4	5.024	65	160709	48.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.160%		
32) Benzene-d6	5.043	84	555803	44.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.740%		
36) 1,2-Dichloropropane-d6	6.063	67	177244	46.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.680%		
41) Toluene-d8	7.307	98	502929	43.091	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.180%		
43) trans-1,3-Dichloroprop...	7.612	79	83521	43.714	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.420%		
47) 2-Hexanone-d5	8.082	63	168575	104.335	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.330%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	260382	48.158	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.320%		
66) 1,2-Dichlorobenzene-d4	11.612	152	208204	46.385	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.760%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	11618	2.432	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	16996	5.434	ug/L	97
19) 1,1-Dichloroethane	3.182	63	934134	174.338	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	278821	81.070	ug/L	95
25) Chloroform	4.368	83	17346	3.123	ug/L	92
30) 1,1,1-Trichloroethane	4.600	97	2232817	437.168	ug/L	99
31) Carbon tetrachloride	4.600	117	296929	66.574	ug/L	99
34) Trichloroethene	5.908	95	206756	62.441	ug/L	98
44) trans-1,3-Dichloropropene	7.612	75	3364	0.677	ug/L #	67
45) 1,1,2-Trichloroethane	7.834	97	7819	2.373	ug/L	93
46) Tetrachloroethene	7.966	164	247550	92.988	ug/L	99

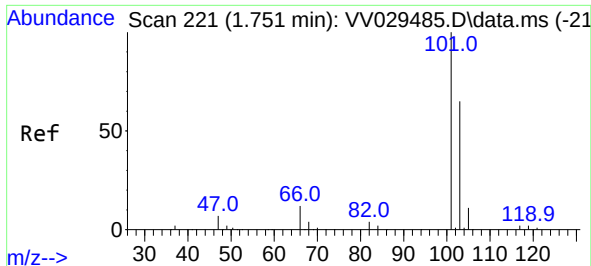
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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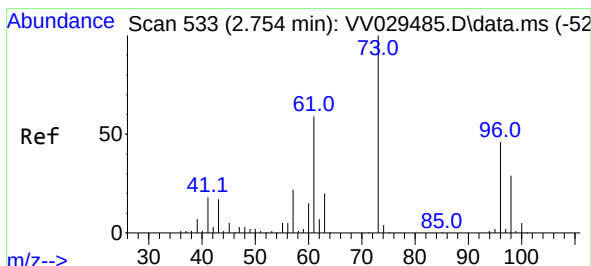
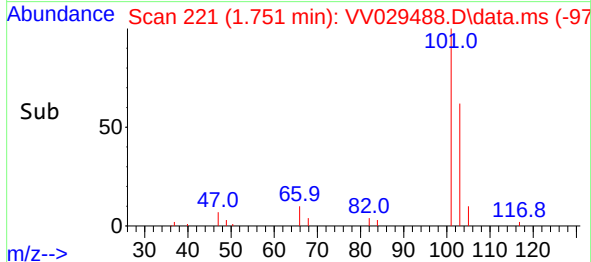
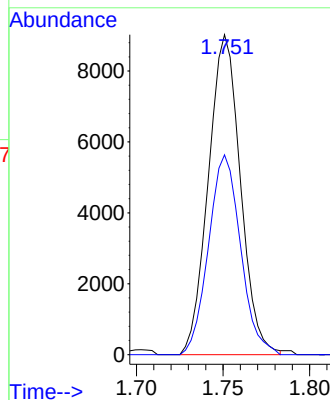
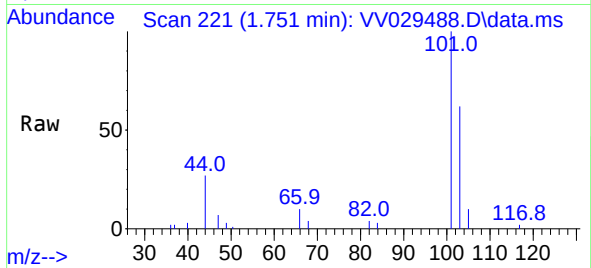




#9
Trichlorofluoromethane
Concen: 2.432 ug/L
RT: 1.751 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029488.D
Acq: 08 Dec 2022 21:19

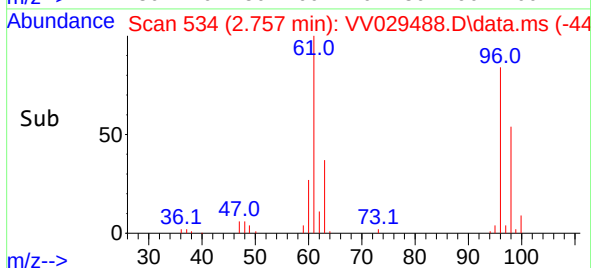
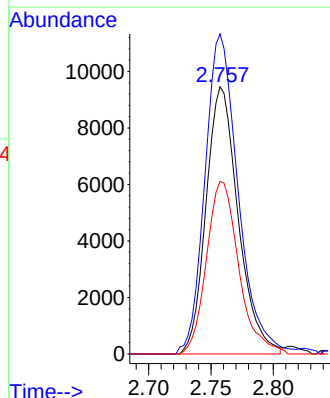
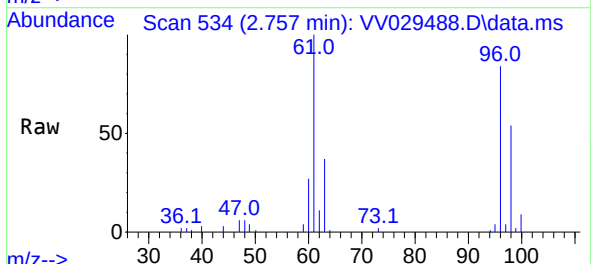
Instrument :
MSVOA_V
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EXZ96

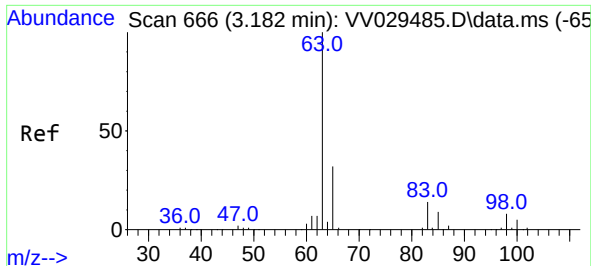
Tgt Ion:101 Resp: 11618
Ion Ratio Lower Upper
101 100
103 62.4 51.8 77.8



#17
trans-1,2-Dichloroethene
Concen: 5.434 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029488.D
Acq: 08 Dec 2022 21:19

Tgt Ion: 96 Resp: 16996
Ion Ratio Lower Upper
96 100
61 119.7 86.4 160.4
98 64.6 43.4 80.6

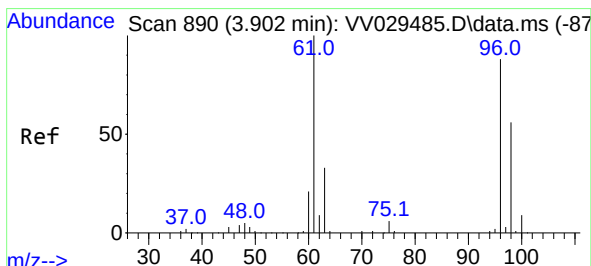
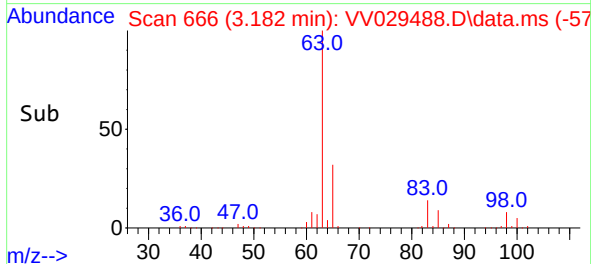
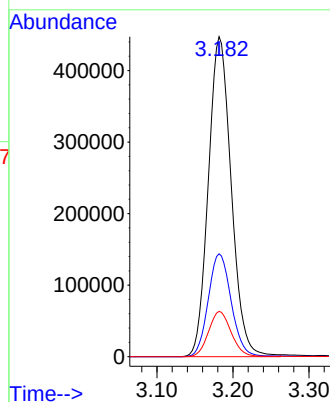
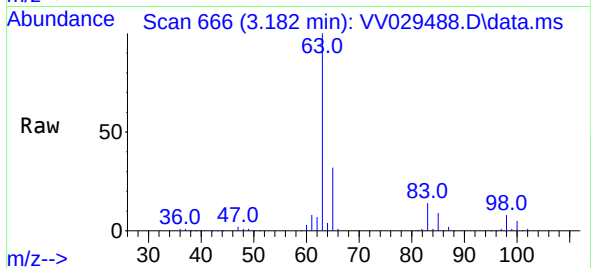




#19
1,1-Dichloroethane
Concen: 174.338 ug/L
RT: 3.182 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029488.D
Acq: 08 Dec 2022 21:19

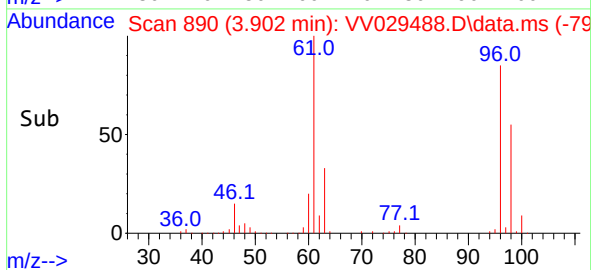
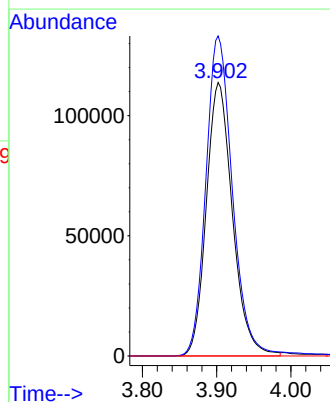
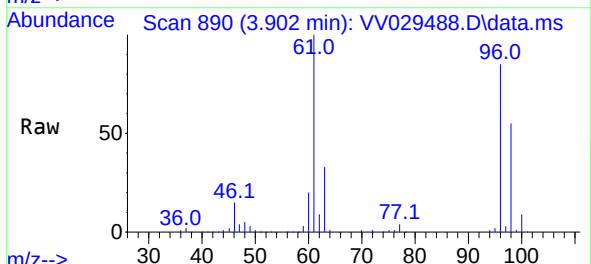
Instrument :
MSVOA_V
ClientSampleId :
EXZ96

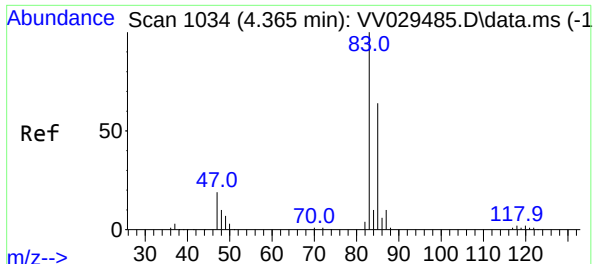
Tgt Ion: 63 Resp: 934134
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.7
83 14.2 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 81.070 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV029488.D
Acq: 08 Dec 2022 21:19

Tgt Ion: 96 Resp: 278821
Ion Ratio Lower Upper
96 100
61 117.1 78.0 144.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 3.123 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VV029488.D

Acq: 08 Dec 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

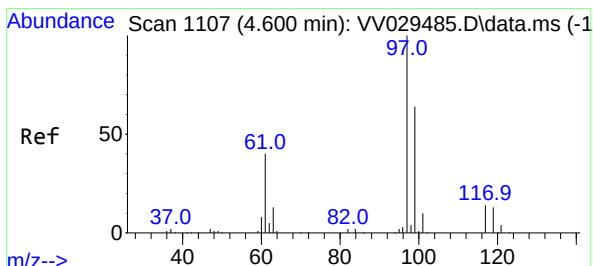
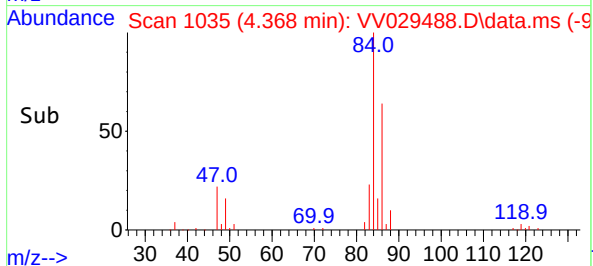
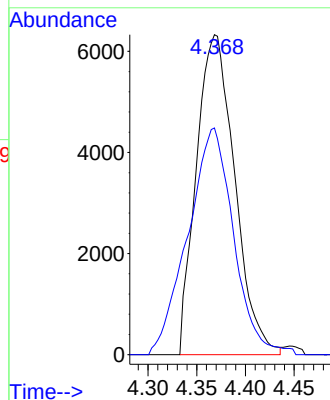
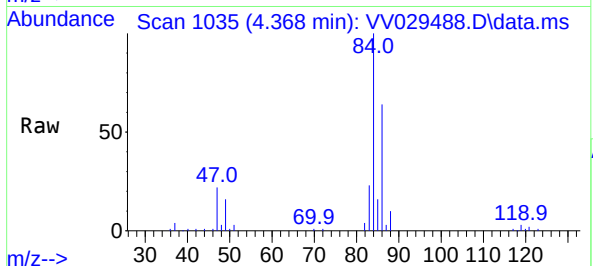
EXZ96

Tgt Ion: 83 Resp: 17346

Ion Ratio Lower Upper

83 100

85 70.8 45.1 83.9



#30

1,1,1-Trichloroethane

Concen: 437.168 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV029488.D

Acq: 08 Dec 2022 21:19

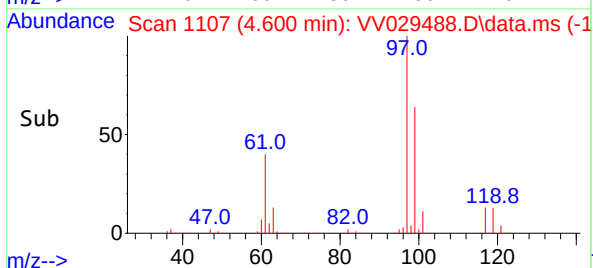
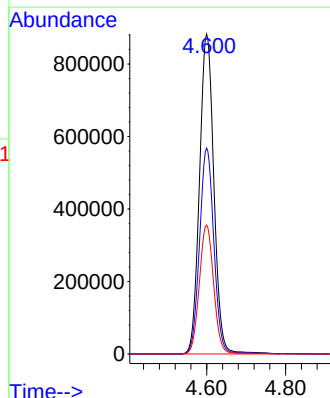
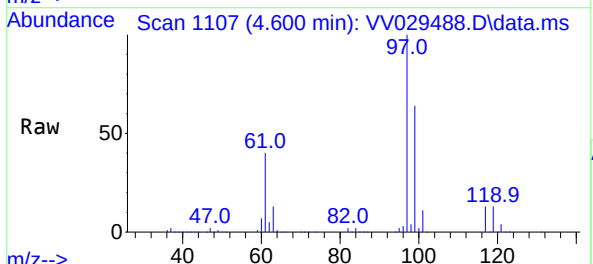
Tgt Ion: 97 Resp: 2232817

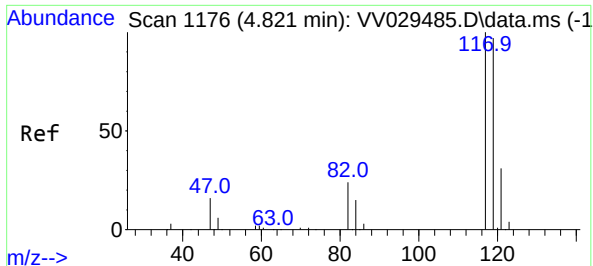
Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

61 40.1 31.8 47.8

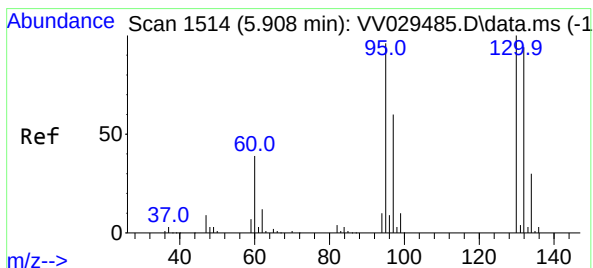
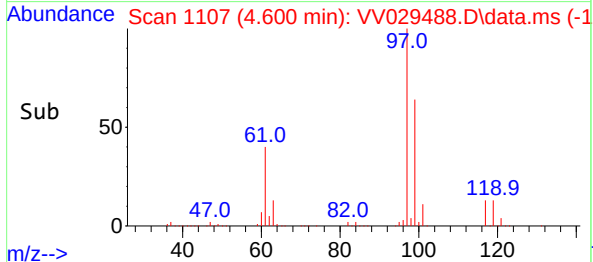
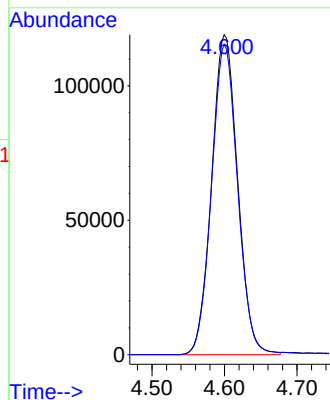
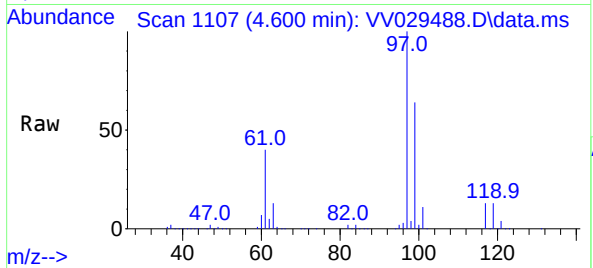




#31
Carbon tetrachloride
Concen: 66.574 ug/L
RT: 4.600 min Scan# 1176
Delta R.T. -0.222 min
Lab File: VV029488.D
Acq: 08 Dec 2022 21:19

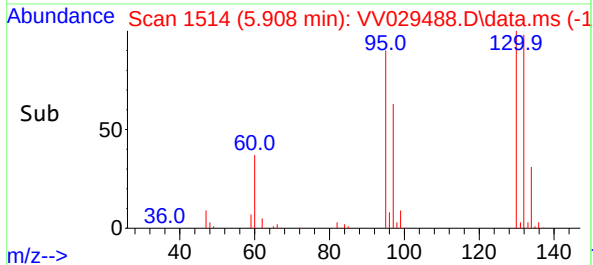
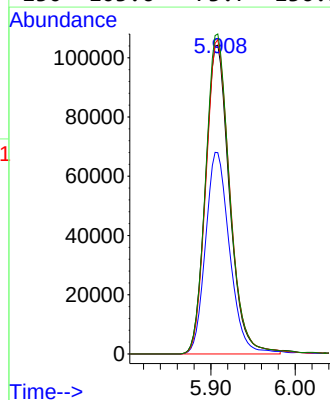
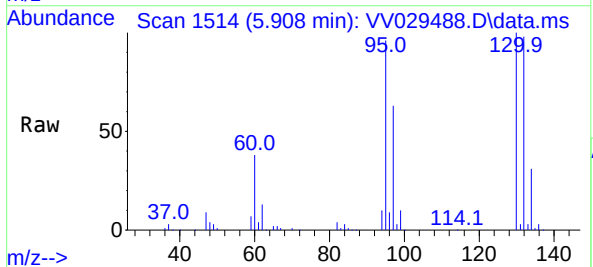
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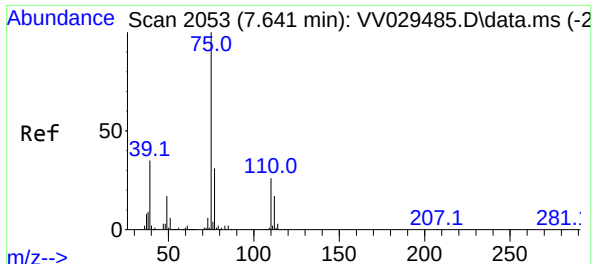
Tgt Ion:117 Resp: 296929
Ion Ratio Lower Upper
117 100
119 96.8 76.7 115.1



#34
Trichloroethene
Concen: 62.441 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV029488.D
Acq: 08 Dec 2022 21:19

Tgt Ion: 95 Resp: 206756
Ion Ratio Lower Upper
95 100
97 65.2 44.0 81.8
132 101.8 69.9 129.9
130 103.6 73.7 136.9

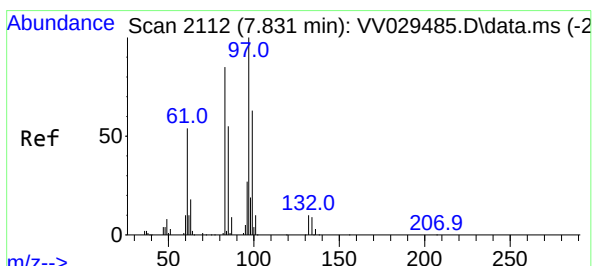
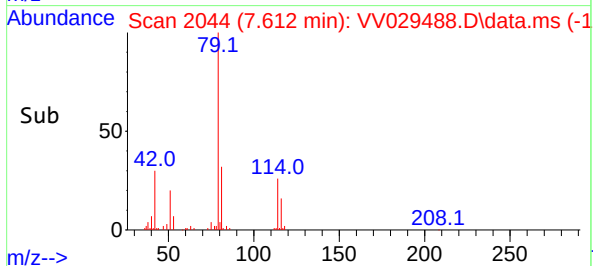
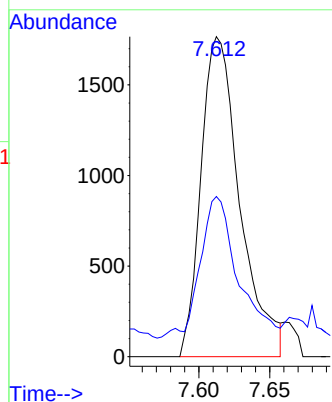
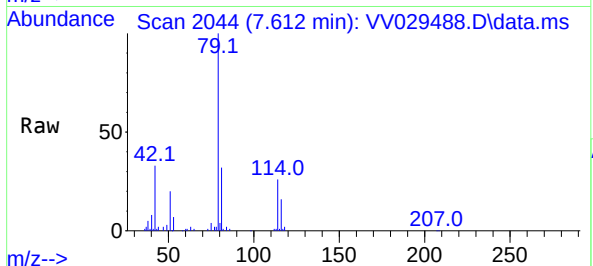




#44
trans-1,3-Dichloropropene
Concen: 0.677 ug/L
RT: 7.612 min Scan# 2053
Delta R.T. -0.032 min
Lab File: VV029488.D
Acq: 08 Dec 2022 21:19

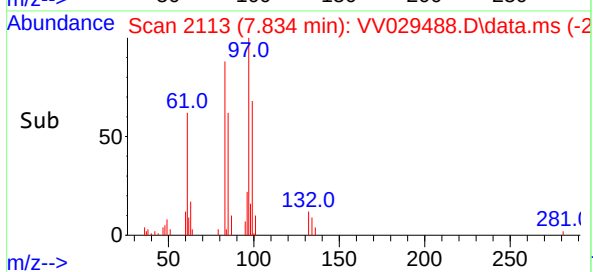
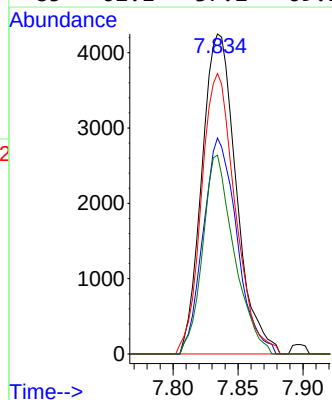
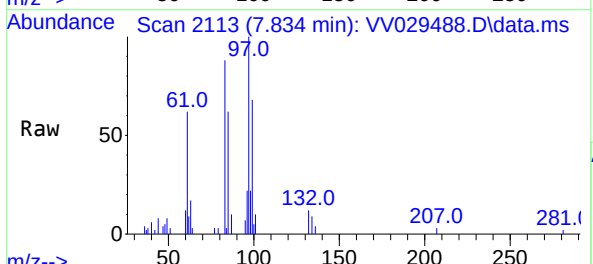
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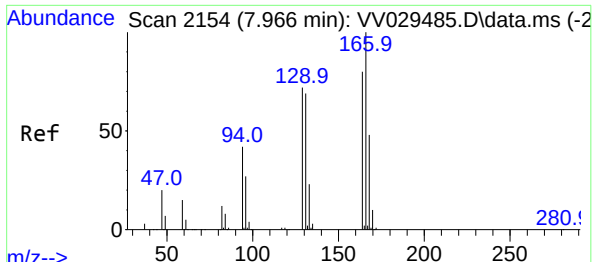
Tgt Ion: 75 Resp: 3364
Ion Ratio Lower Upper
75 100
77 50.1 22.3 41.5#



#45
1,1,2-Trichloroethane
Concen: 2.373 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV029488.D
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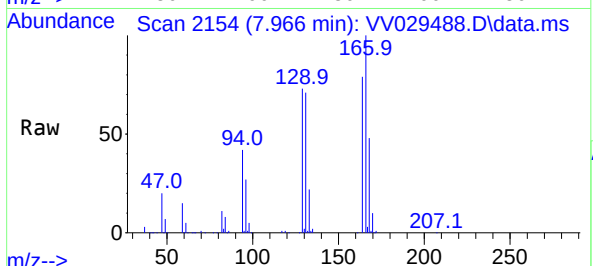
Tgt Ion: 97 Resp: 7819
Ion Ratio Lower Upper
97 100
99 67.5 43.8 81.3
83 87.6 58.6 108.8
85 62.1 37.2 69.2





#46
 Tetrachloroethene
 Concen: 92.988 ug/L
 RT: 7.966 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029488.D
 Acq: 08 Dec 2022 21:19

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:164 Resp: 247550

Ion	Ratio	Lower	Upper
164	100		
129	92.7	65.3	121.3
131	89.7	63.1	117.1
166	126.6	90.8	168.6

