

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029558.D
 Acq On : 10 Dec 2022 05:51
 Operator : SY/MD
 Sample : N5929-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA4

Quant Time: Dec 10 06:15:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 00:41:04 2022
 Response via : Initial Calibration

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

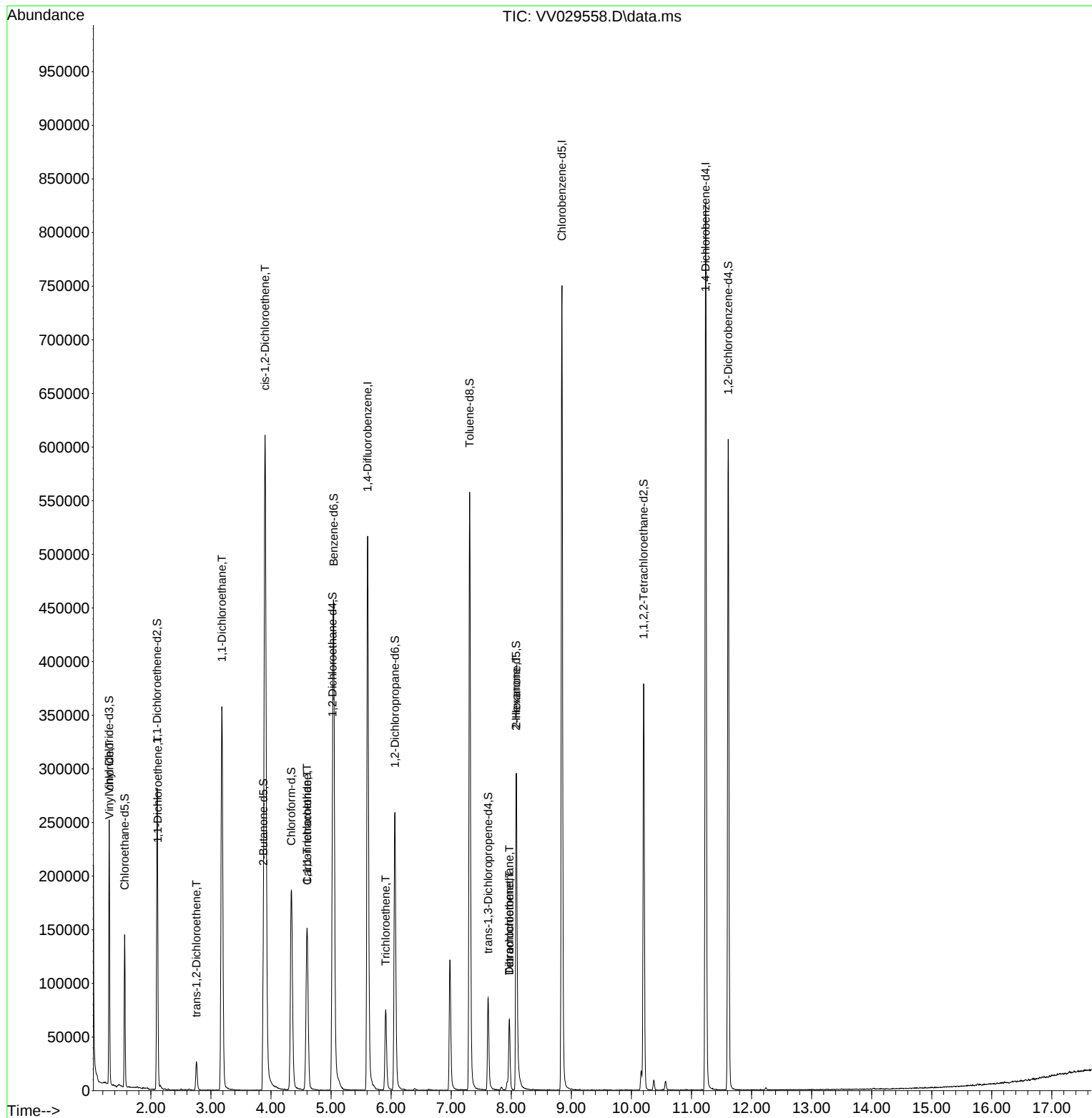
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	470258	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	439962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	229349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111069	38.570	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.140%		
7) Chloroethane-d5	1.565	69	90829	41.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.720%		
11) 1,1-Dichloroethene-d2	2.105	63	144009	32.063	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.120%		
21) 2-Butanone-d5	3.873	46	133505	75.999	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.000%		
24) Chloroform-d	4.339	84	206035	38.021	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.040%		
26) 1,2-Dichloroethane-d4	5.024	65	123345	39.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.700%		
32) Benzene-d6	5.043	84	435800	37.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.980%		
36) 1,2-Dichloropropane-d6	6.063	67	136119	38.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.660%		
41) Toluene-d8	7.307	98	393088	35.887	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.780%#		
43) trans-1,3-Dichloroprop...	7.616	79	52094	29.052	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.100%#		
47) 2-Hexanone-d5	8.082	63	114449	75.476	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.480%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	190057	37.454	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	74.900%		
66) 1,2-Dichlorobenzene-d4	11.612	152	164885	37.766	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.540%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	47142	13.342	ug/L	95
12) 1,1-Dichloroethene	2.114	96	4394	1.748	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	10910	3.767	ug/L	94
19) 1,1-Dichloroethane	3.182	63	367139	73.994	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	357559	112.270	ug/L	94
30) 1,1,1-Trichloroethane	4.600	97	128833	26.877	ug/L	99
31) Carbon tetrachloride	4.603	117	17126	4.091	ug/L	99
34) Trichloroethene	5.908	95	27768	8.936	ug/L	96
46) Tetrachloroethene	7.969	164	15642	6.261	ug/L	96
48) 2-Hexanone	8.085	43	10550	3.869	ug/L #	68
49) Dibromochloromethane	7.969	129	14500	4.247	ug/L #	10

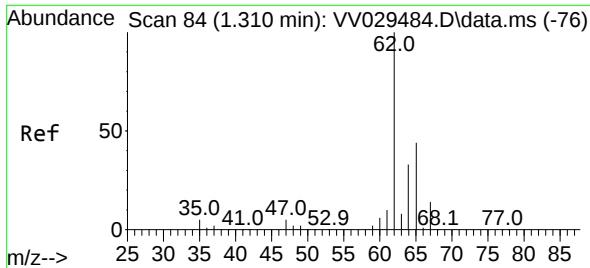
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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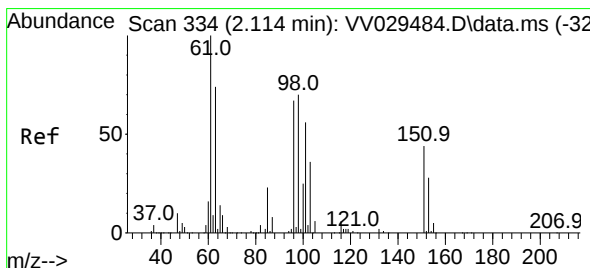
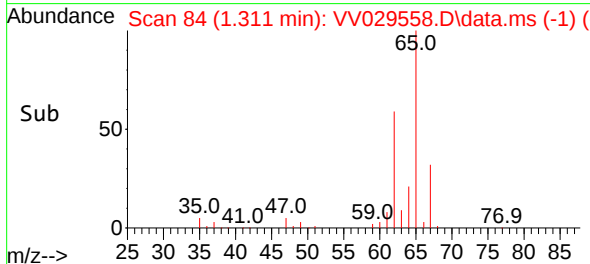
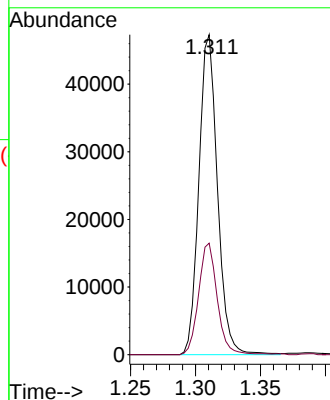
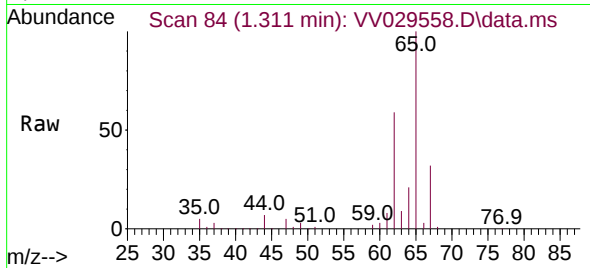




#5
 Vinyl chloride
 Concen: 13.342 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029558.D
 Acq: 10 Dec 2022 05:51

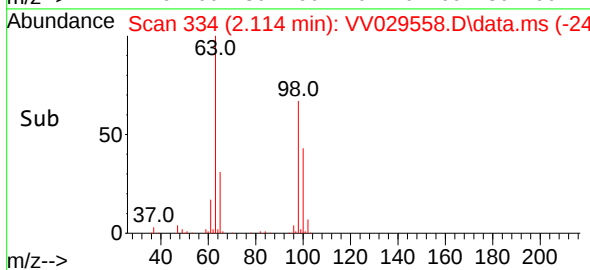
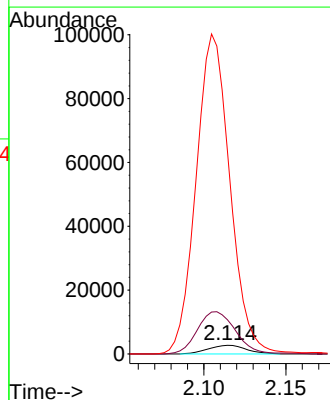
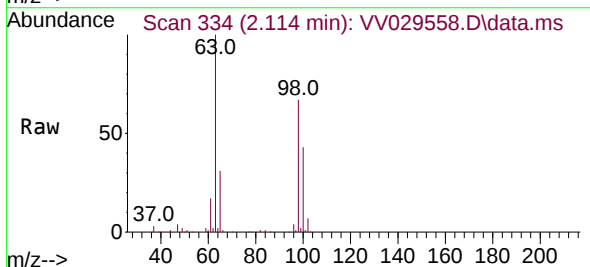
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA4

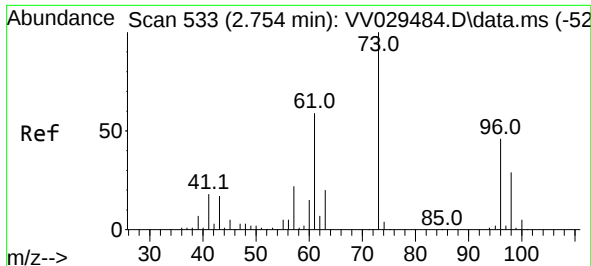
Tgt Ion: 62 Resp: 47142
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.5 41.9



#12
 1,1-Dichloroethene
 Concen: 1.748 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV029558.D
 Acq: 10 Dec 2022 05:51

Tgt Ion: 96 Resp: 4394
 Ion Ratio Lower Upper
 96 100
 61 393.4 103.3 191.9#
 63 2334.9 77.3 143.7#

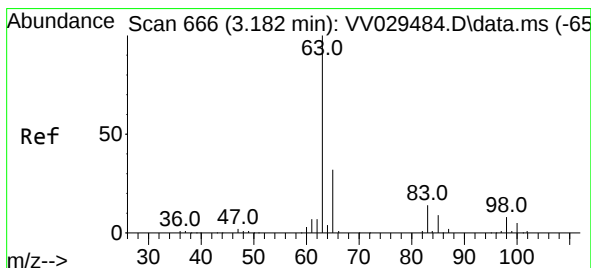
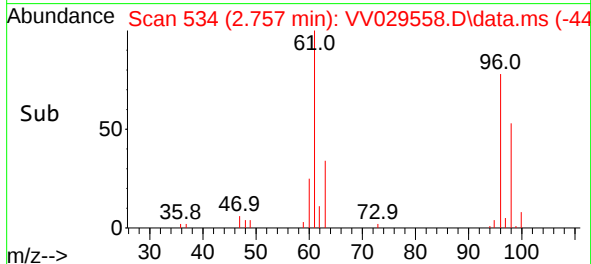
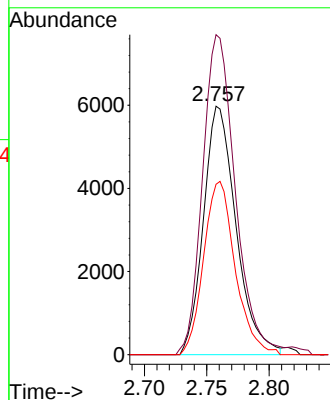
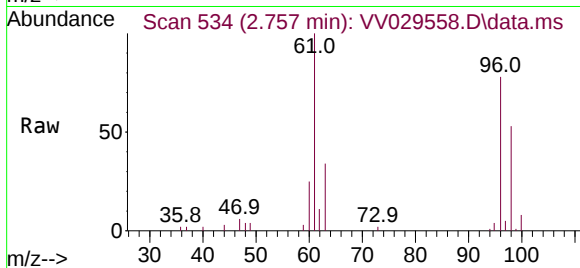




#17
trans-1,2-Dichloroethene
Concen: 3.767 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

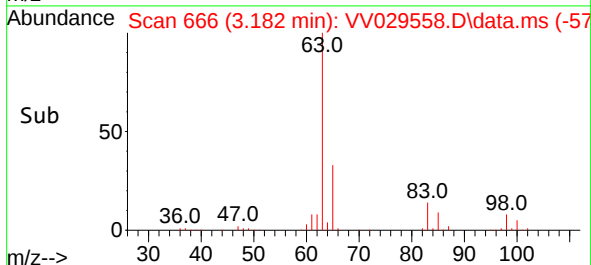
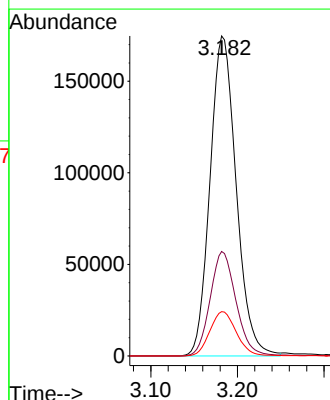
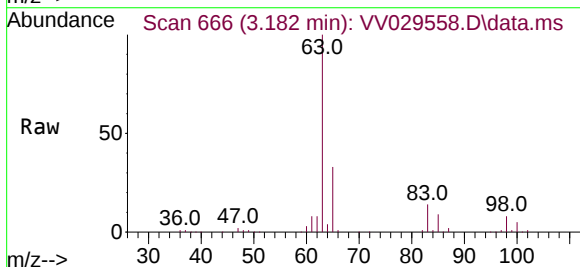
Instrument :
MSVOA_V
ClientSampleId :
EXZA4

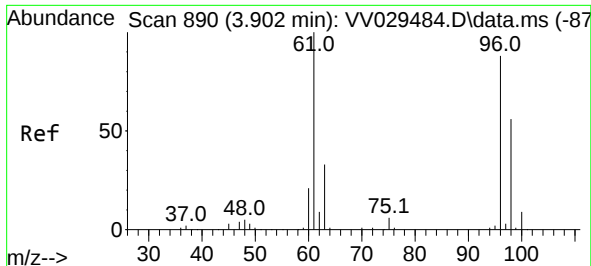
Tgt Ion: 96 Resp: 10910
Ion Ratio Lower Upper
96 100
61 128.8 86.4 160.4
98 68.6 43.4 80.6



#19
1,1-Dichloroethane
Concen: 73.994 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.003 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

Tgt Ion: 63 Resp: 367139
Ion Ratio Lower Upper
63 100
65 32.7 22.5 41.7
83 13.9 10.4 19.2

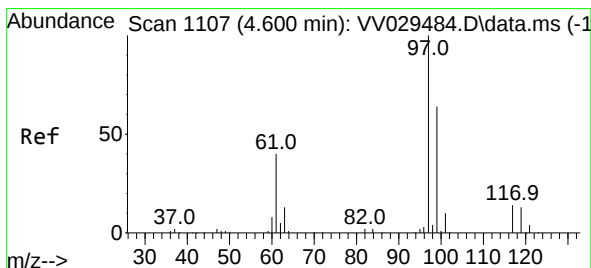
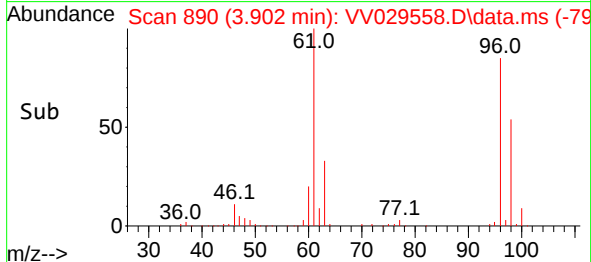
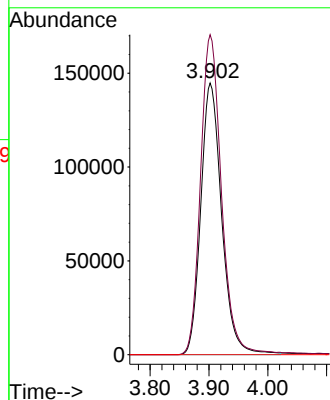
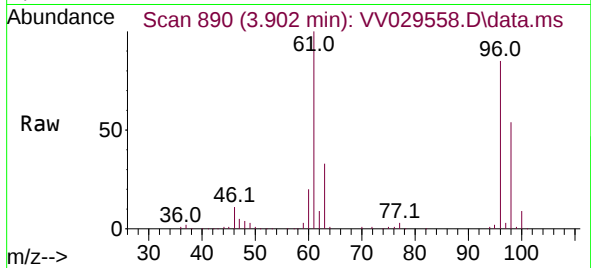




#20
 cis-1,2-Dichloroethene
 Concen: 112.270 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.003 min
 Lab File: VV029558.D
 Acq: 10 Dec 2022 05:51

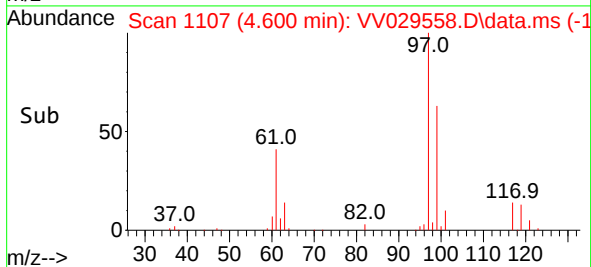
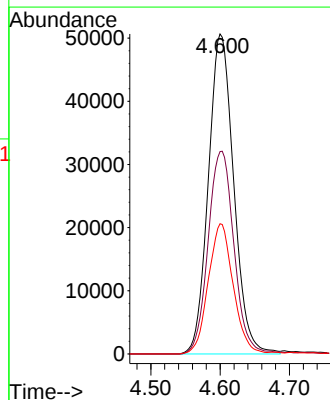
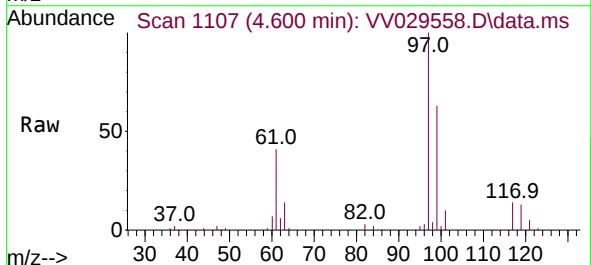
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA4

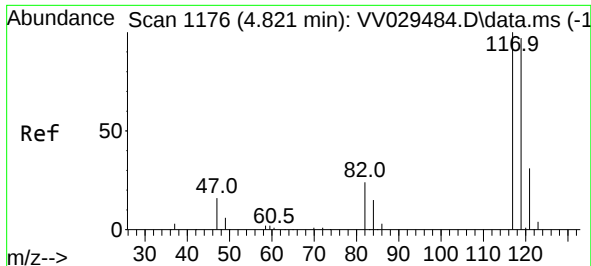
Tgt Ion: 96 Resp: 357559
 Ion Ratio Lower Upper
 96 100
 61 117.8 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 26.877 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.003 min
 Lab File: VV029558.D
 Acq: 10 Dec 2022 05:51

Tgt Ion: 97 Resp: 128833
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.1 78.1
 61 40.0 31.8 47.8

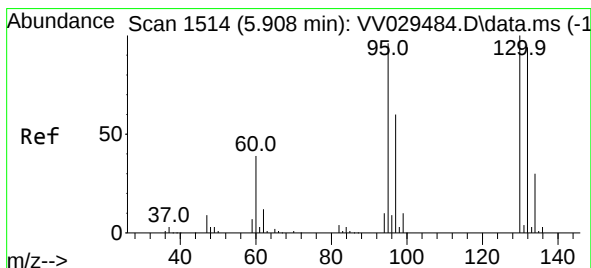
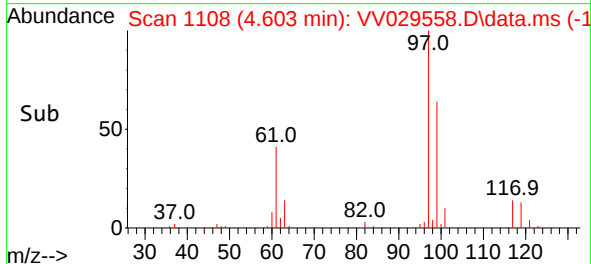
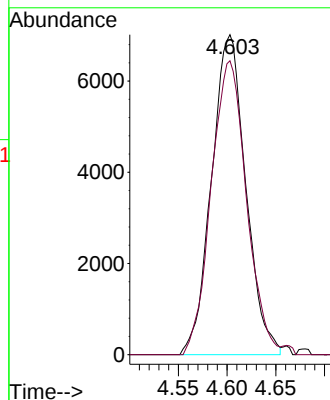
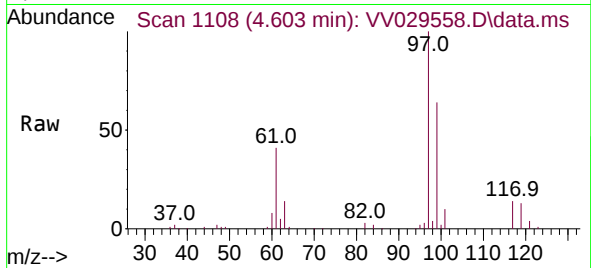




#31
Carbon tetrachloride
Concen: 4.091 ug/L
RT: 4.603 min Scan# 1176
Delta R.T. -0.222 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

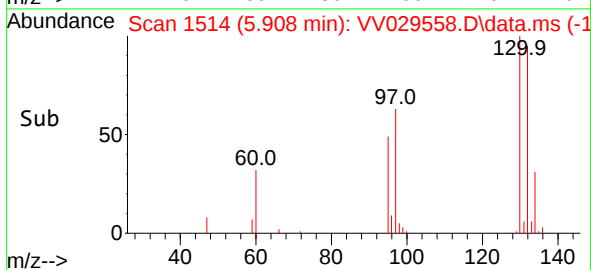
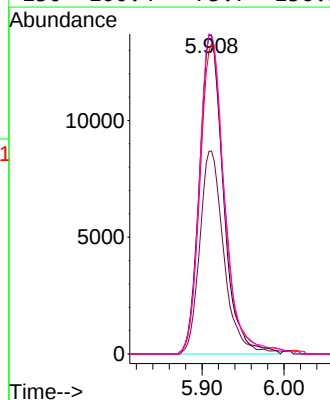
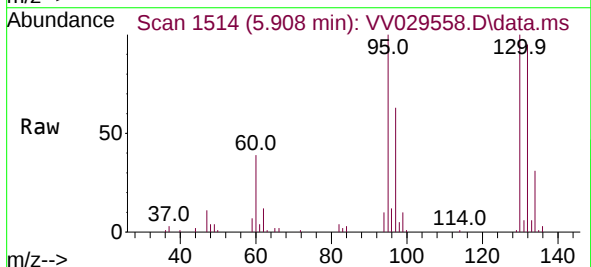
Instrument :
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ClientSampleId :
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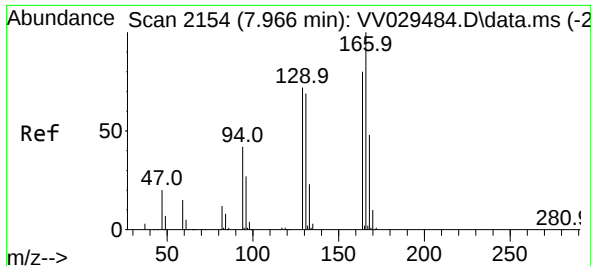
Tgt Ion:117 Resp: 17126
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1



#34
Trichloroethene
Concen: 8.936 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

Tgt Ion: 95 Resp: 27768
Ion Ratio Lower Upper
95 100
97 63.6 44.0 81.8
132 94.9 69.9 129.9
130 100.4 73.7 136.9

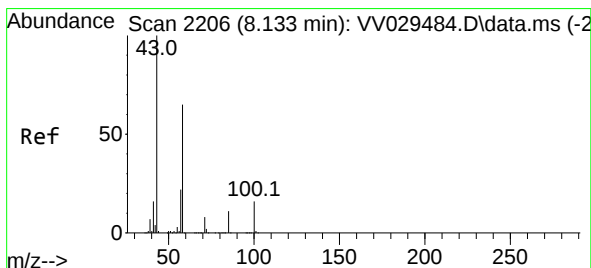
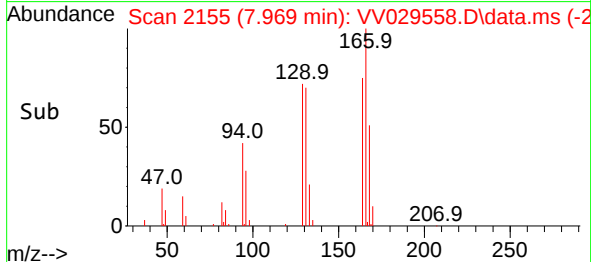
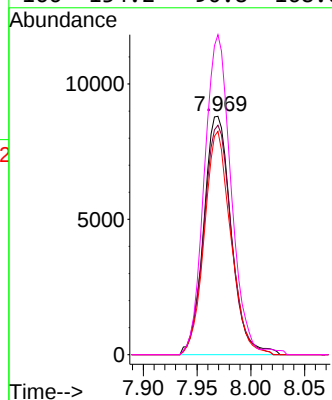
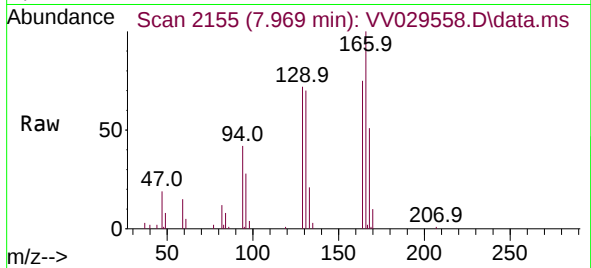




#46
Tetrachloroethene
Concen: 6.261 ug/L
RT: 7.969 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

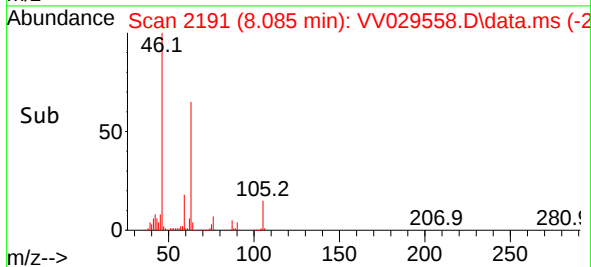
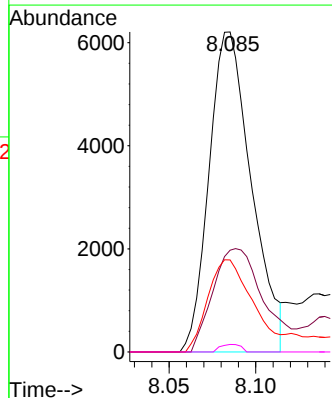
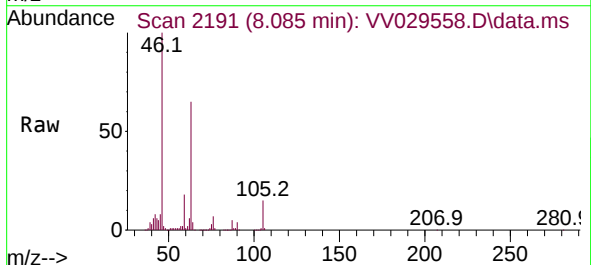
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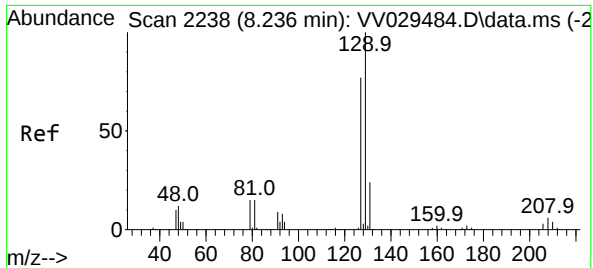
Tgt Ion:164 Resp: 15642
Ion Ratio Lower Upper
164 100
129 96.2 65.3 121.3
131 93.7 63.1 117.1
166 134.2 90.8 168.6



#48
2-Hexanone
Concen: 3.869 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.048 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

Tgt Ion: 43 Resp: 10550
Ion Ratio Lower Upper
43 100
58 39.3 54.1 81.1#
57 30.3 17.4 26.0#
100 1.2 13.6 20.4#





#49
 Dibromochloromethane
 Concen: 4.247 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. -0.270 min
 Lab File: VV029558.D
 Acq: 10 Dec 2022 05:51

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA4

Tgt Ion:129 Resp: 14500
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.2 102.4#

