

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029647.D
 Acq On : 13 Dec 2022 13:39
 Operator : SY/MD
 Sample : N5928-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ72

Quant Time: Dec 13 22:51:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 22:49:59 2022
 Response via : Initial Calibration

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

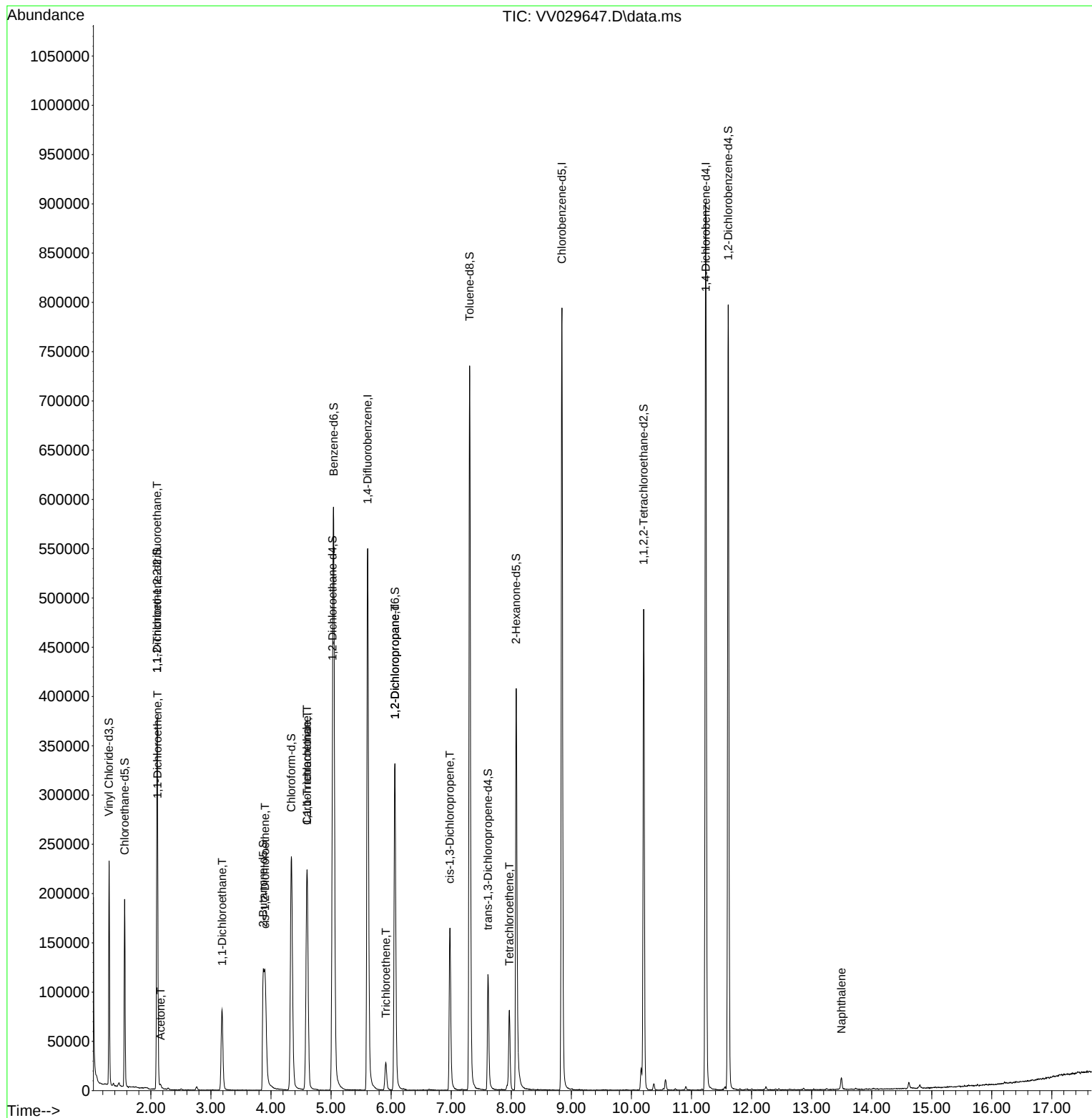
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	509733	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	467070	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	250278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143794	46.067	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.140%		
7) Chloroethane-d5	1.564	69	119930	50.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.780%		
11) 1,1-Dichloroethene-d2	2.105	63	193303	39.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.400%		
21) 2-Butanone-d5	3.870	46	187867	98.663	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.660%		
24) Chloroform-d	4.339	84	261716	44.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.120%		
26) 1,2-Dichloroethane-d4	5.024	65	156299	46.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.180%		
32) Benzene-d6	5.043	84	572995	46.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.860%		
36) 1,2-Dichloropropane-d6	6.063	67	175470	46.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.100%		
41) Toluene-d8	7.307	98	514225	44.221	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.440%		
43) trans-1,3-Dichloroprop...	7.612	79	70191	36.873	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.740%		
47) 2-Hexanone-d5	8.082	63	157239	97.677	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.680%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	242034	44.929	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.860%		
66) 1,2-Dichlorobenzene-d4	11.612	152	210919	44.270	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.540%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1982	0.744	ug/L #	18
12) 1,1-Dichloroethene	2.114	96	8061	2.959	ug/L #	1
13) Acetone	2.162	43	3147	2.537	ug/L	98
19) 1,1-Dichloroethane	3.185	63	84156	15.647	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	50476	14.622	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	189653	37.269	ug/L	99
31) Carbon tetrachloride	4.600	117	25336	5.702	ug/L	99
34) Trichloroethene	5.911	95	9548	2.894	ug/L	95
37) 1,2-Dichloropropane	6.063	63	17698	5.570	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	4133	0.791	ug/L #	56
46) Tetrachloroethene	7.969	164	20004	7.542	ug/L	99
71) Naphthalene	13.496	128	11181	0.969	ug/L	99

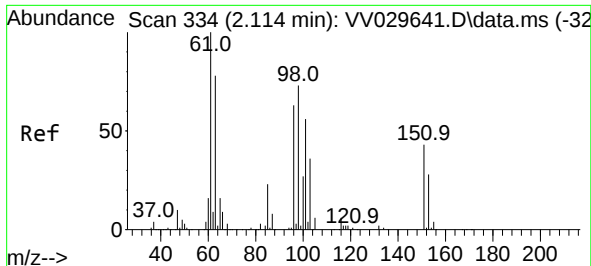
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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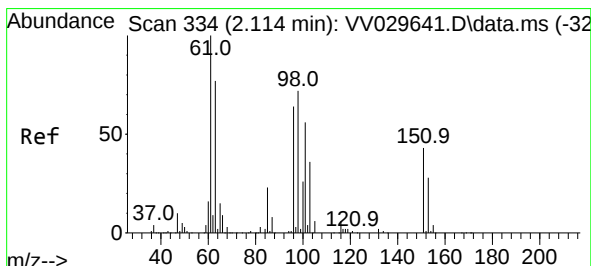
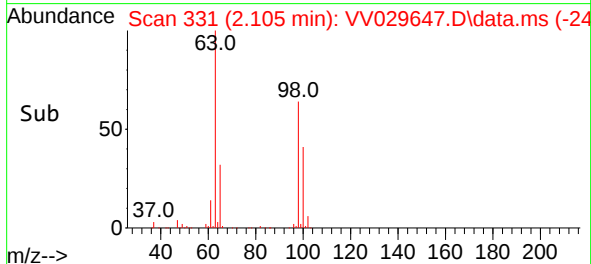
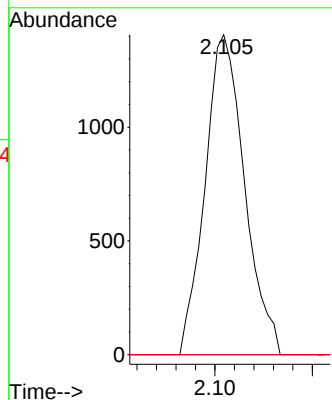
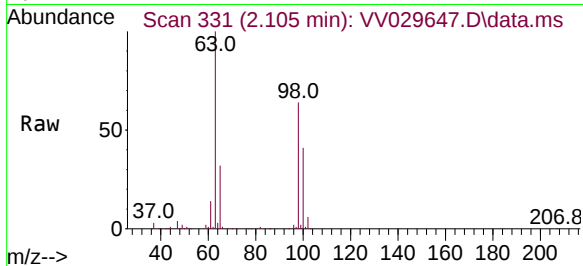




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.744 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV029647.D
Acq: 13 Dec 2022 13:39

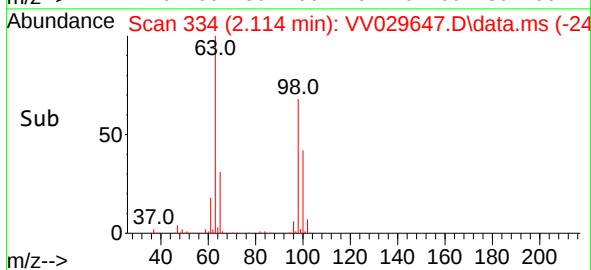
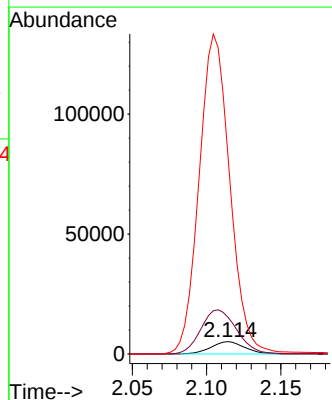
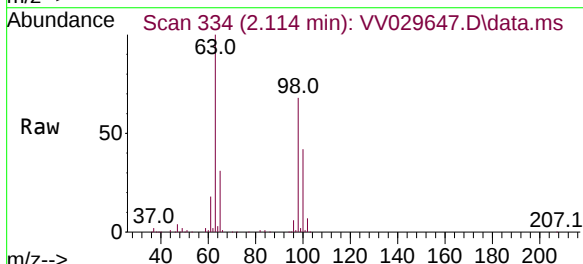
Instrument :
MSVOA_V
ClientSampleId :
EXZ72

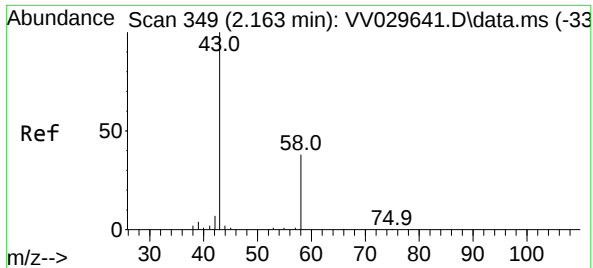
Tgt Ion:101 Resp: 1982
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 63.5 95.3#



#12
1,1-Dichloroethene
Concen: 2.959 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV029647.D
Acq: 13 Dec 2022 13:39

Tgt Ion: 96 Resp: 8061
Ion Ratio Lower Upper
96 100
61 299.1 103.3 191.9#
63 1626.6 77.3 143.7#





#13

Acetone

Concen: 2.537 ug/L

RT: 2.162 min Scan# 349

Delta R.T. -0.000 min

Lab File: VV029647.D

Acq: 13 Dec 2022 13:39

Instrument :

MSVOA_V

ClientSampleId :

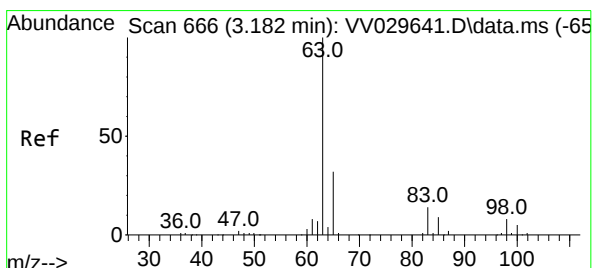
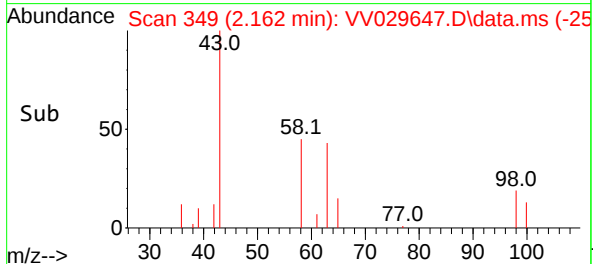
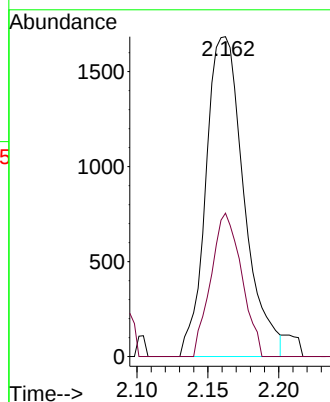
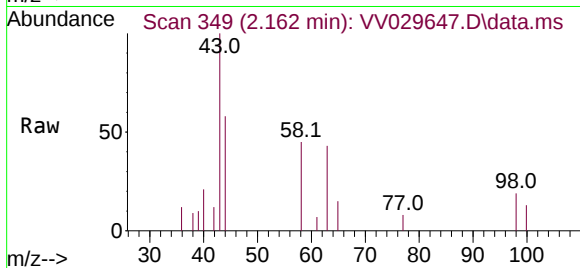
EXZ72

Tgt Ion: 43 Resp: 3147

Ion Ratio Lower Upper

43 100

58 36.2 0.0 74.8



#19

1,1-Dichloroethane

Concen: 15.647 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV029647.D

Acq: 13 Dec 2022 13:39

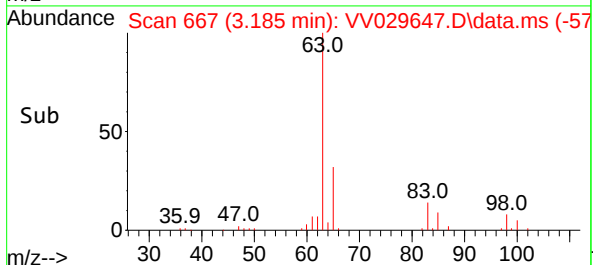
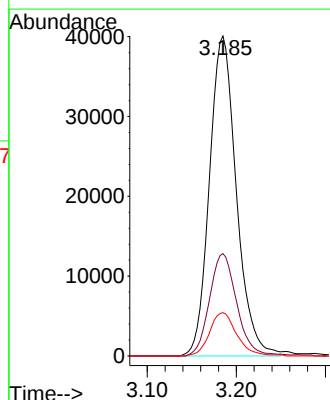
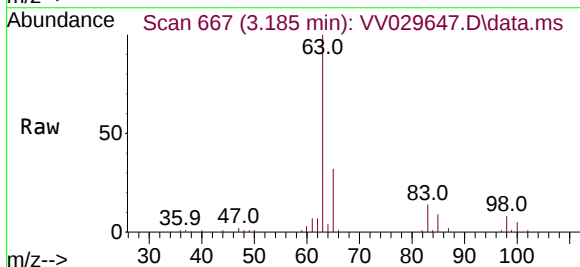
Tgt Ion: 63 Resp: 84156

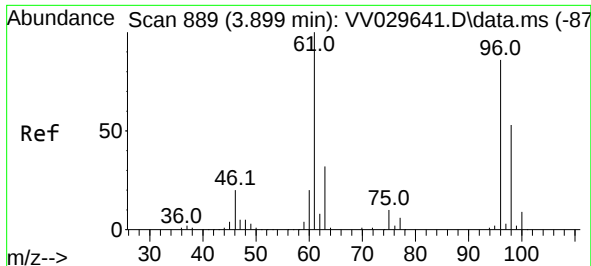
Ion Ratio Lower Upper

63 100

65 32.0 22.5 41.7

83 13.6 10.4 19.2

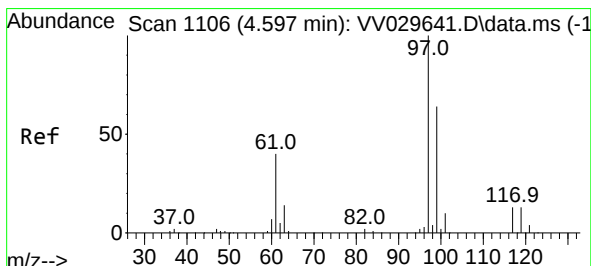
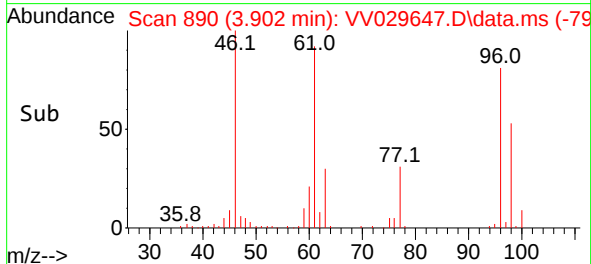
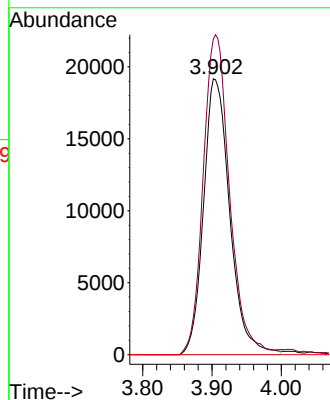
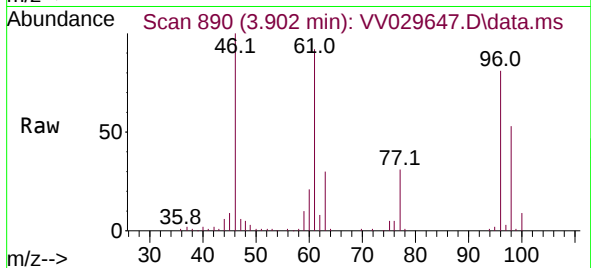




#20
 cis-1,2-Dichloroethene
 Concen: 14.622 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV029647.D
 Acq: 13 Dec 2022 13:39

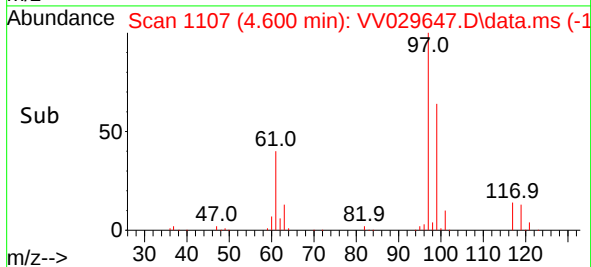
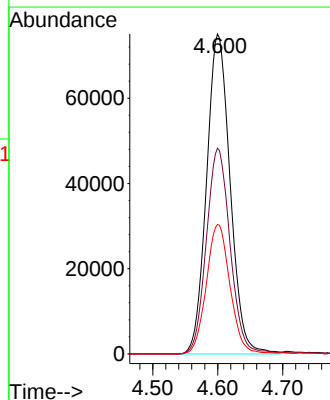
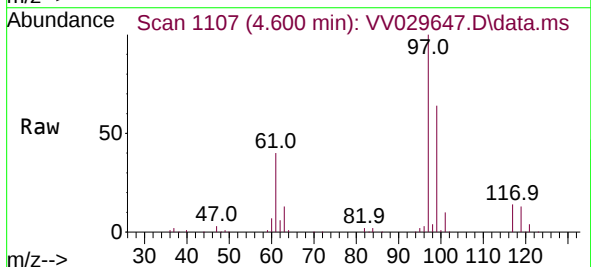
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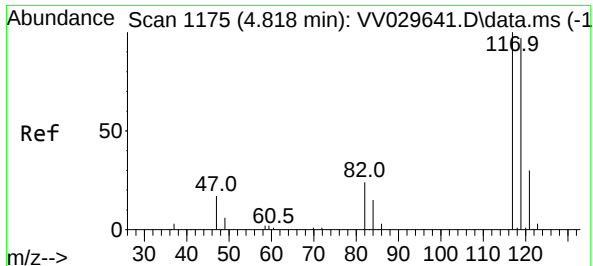
Tgt Ion: 96 Resp: 50476
 Ion Ratio Lower Upper
 96 100
 61 114.4 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 37.269 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.003 min
 Lab File: VV029647.D
 Acq: 13 Dec 2022 13:39

Tgt Ion: 97 Resp: 189653
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.1 78.1
 61 40.4 31.8 47.8

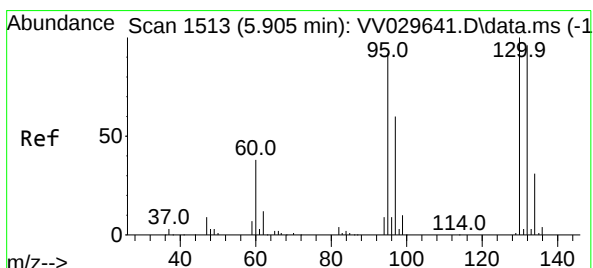
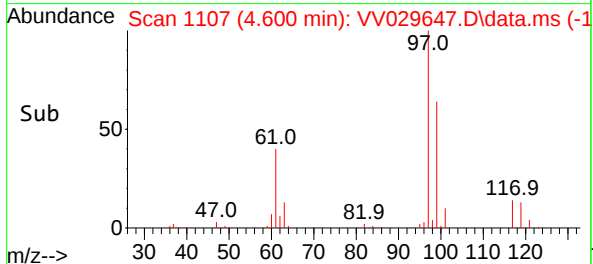
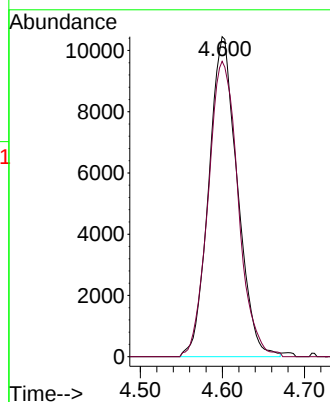
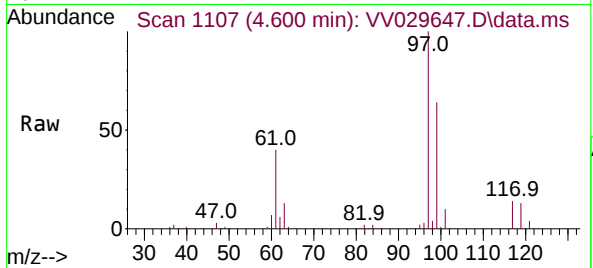




#31
Carbon tetrachloride
Concen: 5.702 ug/L
RT: 4.600 min Scan# 1175
Delta R.T. -0.219 min
Lab File: VV029647.D
Acq: 13 Dec 2022 13:39

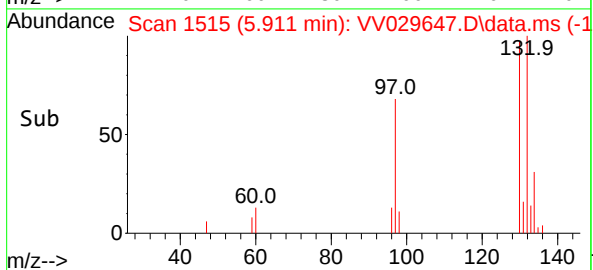
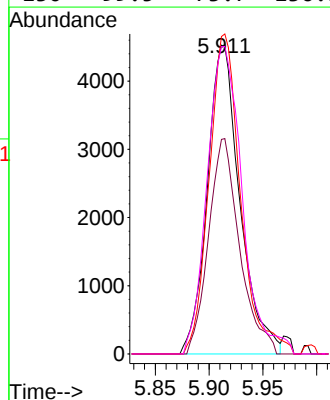
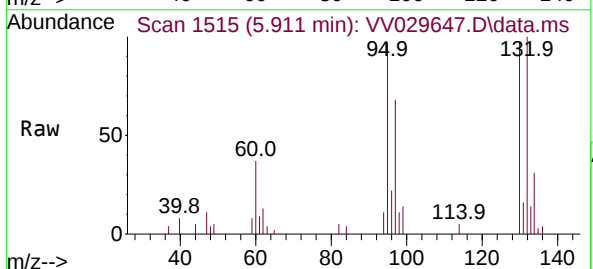
Instrument :
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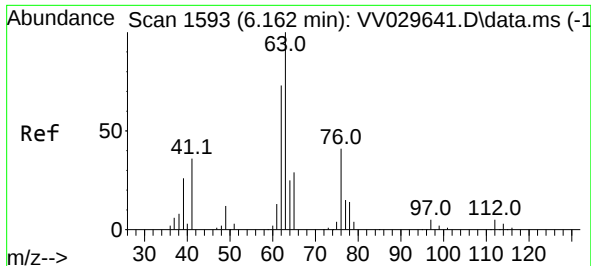
Tgt Ion:117 Resp: 25336
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1



#34
Trichloroethene
Concen: 2.894 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV029647.D
Acq: 13 Dec 2022 13:39

Tgt Ion: 95 Resp: 9548
Ion Ratio Lower Upper
95 100
97 69.5 44.0 81.8
132 102.8 69.9 129.9
130 99.5 73.7 136.9





#37

1,2-Dichloropropane

Concen: 5.570 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV029647.D

Acq: 13 Dec 2022 13:39

Instrument :

MSVOA_V

ClientSampleId :

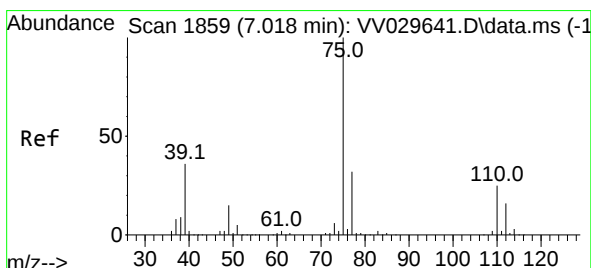
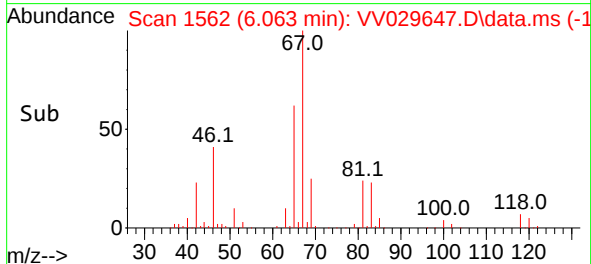
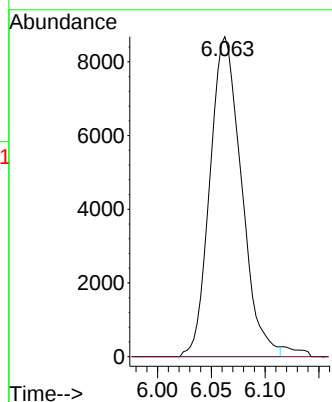
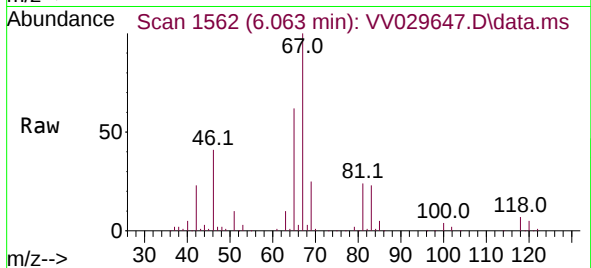
EXZ72

Tgt Ion: 63 Resp: 17698

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.791 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.039 min

Lab File: VV029647.D

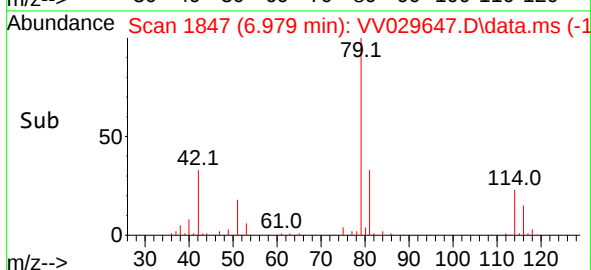
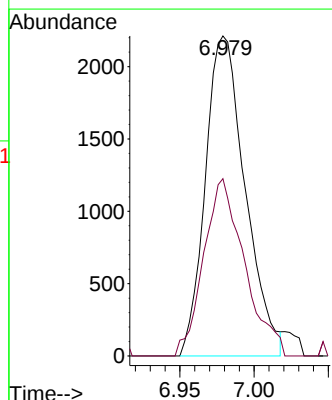
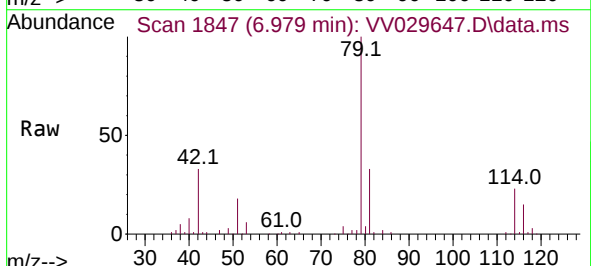
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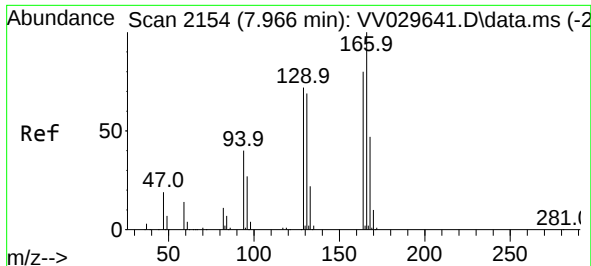
Tgt Ion: 75 Resp: 4133

Ion Ratio Lower Upper

75 100

77 55.4 21.9 40.7#

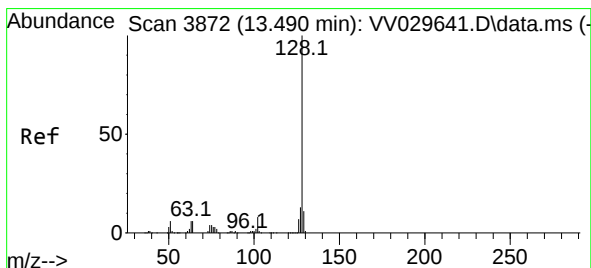
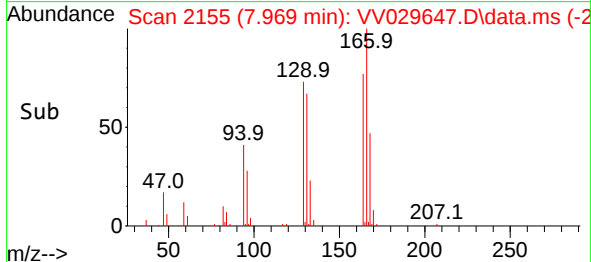
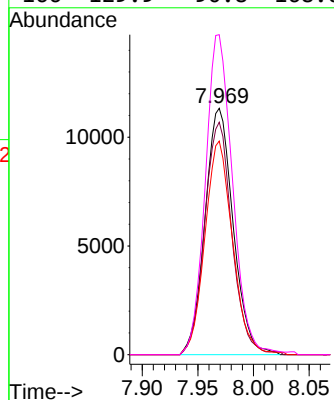
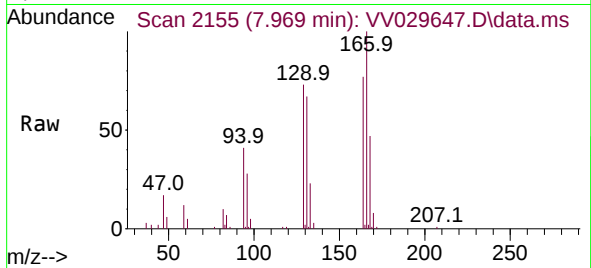




#46
Tetrachloroethene
Concen: 7.542 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029647.D
Acq: 13 Dec 2022 13:39

Instrument :
MSVOA_V
ClientSampleId :
EXZ72

Tgt Ion:164	Resp:	20004
Ion Ratio	Lower	Upper
164	100	
129	94.4	65.3 121.3
131	86.7	63.1 117.1
166	129.9	90.8 168.6



#71
Naphthalene
Concen: 0.969 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.006 min
Lab File: VV029647.D
Acq: 13 Dec 2022 13:39

Tgt Ion:128	Resp:	11181
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.2 15.4
129	11.1	8.5 12.7

