

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027948.D
 Acq On : 20 Sep 2022 00:46
 Operator : SY/MD
 Sample : N4658-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

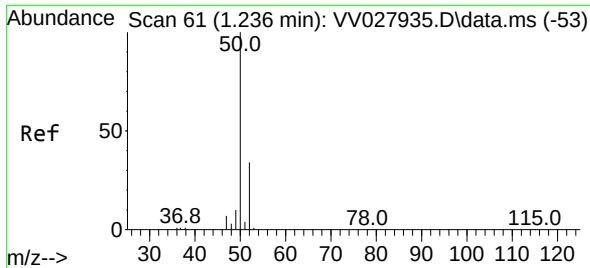
Instrument :
 MSVOA_V
 ClientSampleId :
 C0ED8

Quant Time: Sep 20 02:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:54:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	101040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	103926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	46262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43022	5.453	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.000%		
7) Chloroethane-d5	1.564	69	38982	5.617	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.400%		
11) 1,1-Dichloroethene-d2	2.105	63	55127	4.226	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 84.600%		
20) 2-Butanone-d5	3.892	46	71088	56.391	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 112.780%		
24) Chloroform-d	4.342	84	70268	5.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
26) 1,2-Dichloroethane-d4	5.031	65	30786	5.633	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.600%		
32) Benzene-d6	5.043	84	126372	5.128	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.600%		
36) 1,2-Dichloropropane-d6	6.066	67	42757	5.285	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.600%		
41) Toluene-d8	7.313	98	106875	4.832	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.600%		
43) trans-1,3-Dichloroprop...	7.622	79	13144	4.905	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.200%		
46) 2-Hexanone-d5	8.088	63	66554	56.250	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 112.500%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32337	4.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	41768	5.801	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	911	0.104	ug/L	94
5) Vinyl chloride	1.307	62	620	0.072	ug/L #	1
8) Chloroethane	1.581	64	537	0.092	ug/L	95
12) 1,1-Dichloroethene	2.108	96	1278	0.174	ug/L #	1
22) cis-1,2-Dichloroethene	3.905	96	574	0.076	ug/L	87
25) Chloroform	4.368	83	5147	0.365	ug/L #	57
34) Trichloroethene	5.912	95	14563	2.074	ug/L	97
35) Methylcyclohexane	6.066	83	10317	1.038	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	4499	0.599	ug/L #	87
44) trans-1,3-Dichloropropene	7.629	75	665	0.085	ug/L	91
61) 1,2,3-Trichloropropane	11.246	75	5866	1.731	ug/L #	61

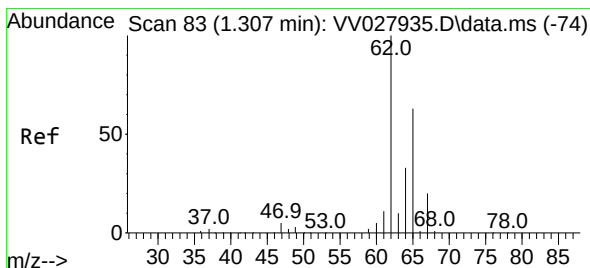
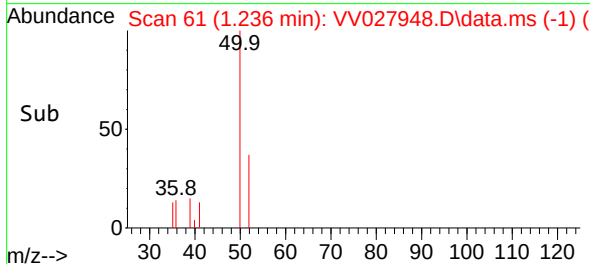
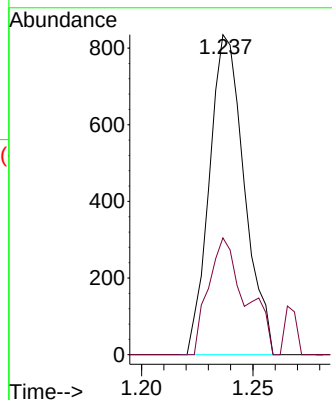
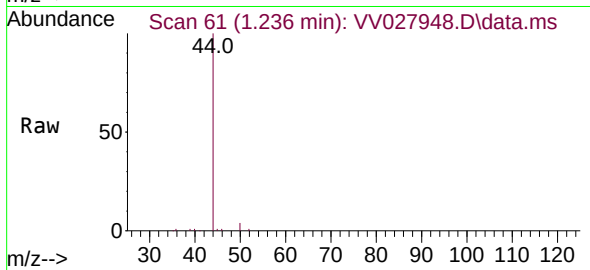
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027948.D
Acq: 20 Sep 2022 00:46

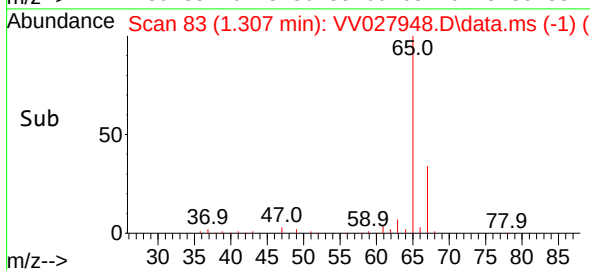
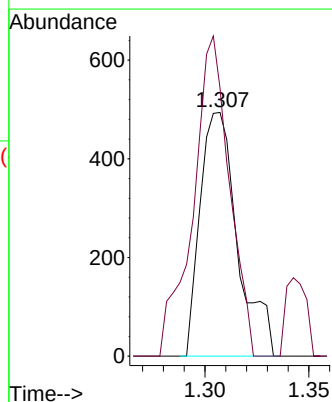
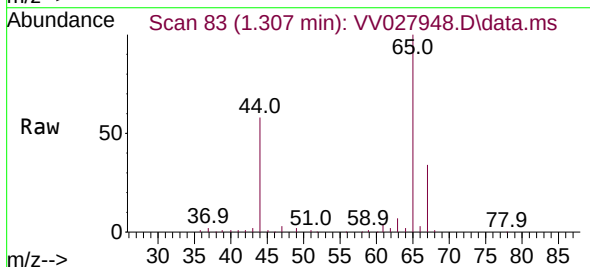
Instrument :
MSVOA_V
ClientSampleId :
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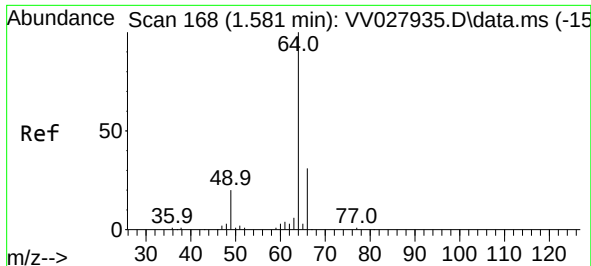
Tgt Ion: 50 Resp: 911
Ion Ratio Lower Upper
50 100
52 36.5 23.0 42.8



#5
Vinyl chloride
Concen: 0.072 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.000 min
Lab File: VV027948.D
Acq: 20 Sep 2022 00:46

Tgt Ion: 62 Resp: 620
Ion Ratio Lower Upper
62 100
64 109.9 23.4 43.6#

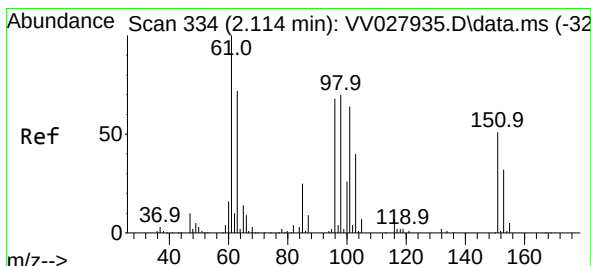
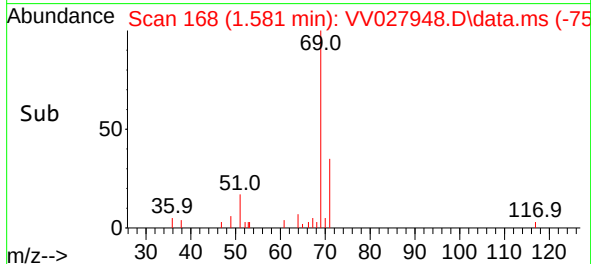
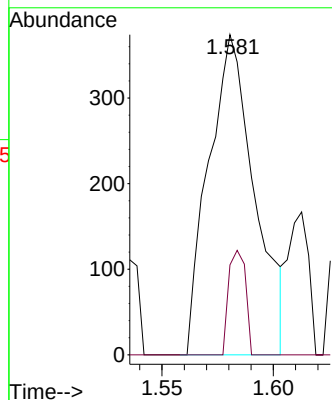
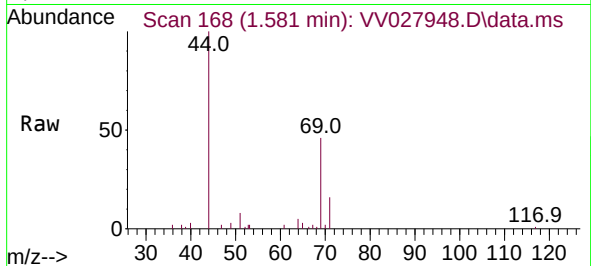




#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV027948.D
Acq: 20 Sep 2022 00:46

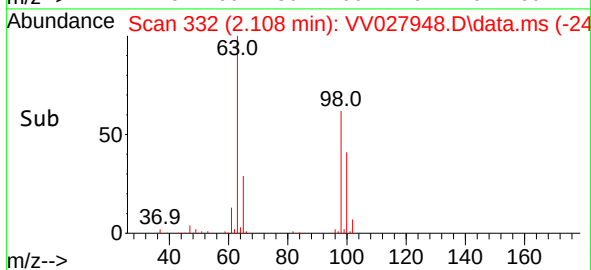
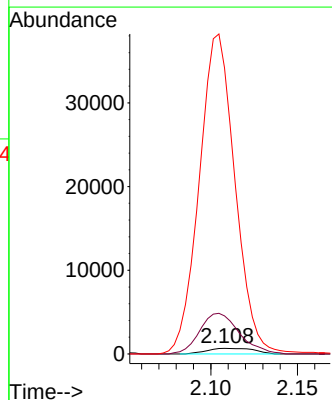
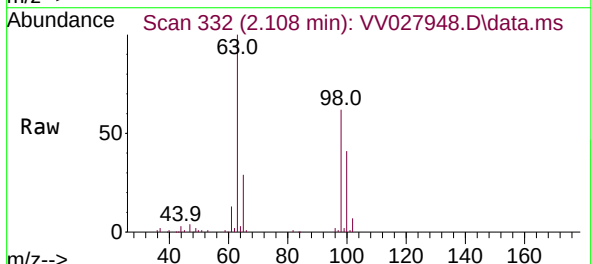
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ClientSampleId :
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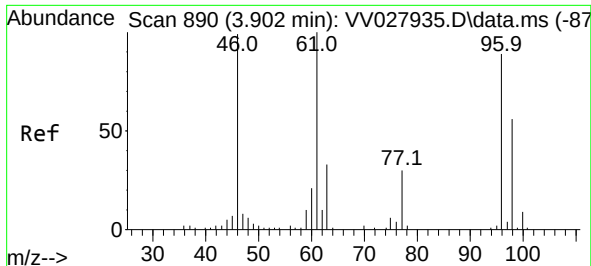
Tgt Ion: 64 Resp: 537
Ion Ratio Lower Upper
64 100
66 28.1 21.6 40.2



#12
1,1-Dichloroethene
Concen: 0.174 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV027948.D
Acq: 20 Sep 2022 00:46

Tgt Ion: 96 Resp: 1278
Ion Ratio Lower Upper
96 100
61 676.5 106.2 197.2#
63 5086.9 85.0 158.0#



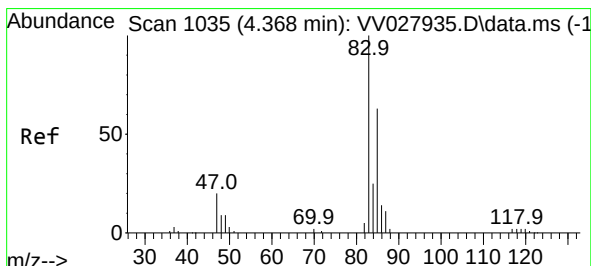
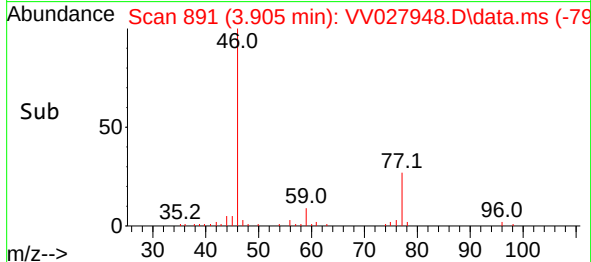
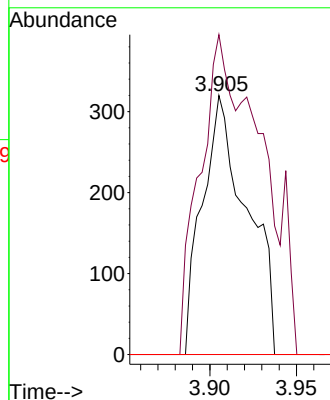
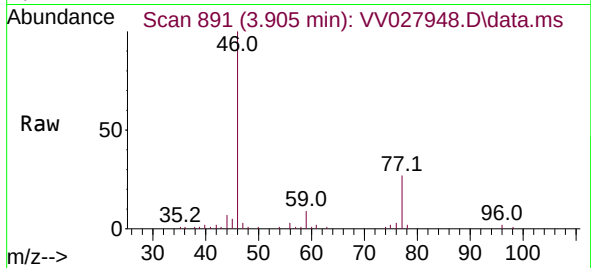


#22
 cis-1,2-Dichloroethene
 Concen: 0.076 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027948.D
 Acq: 20 Sep 2022 00:46

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ED8

Tgt Ion: 96 Resp: 574

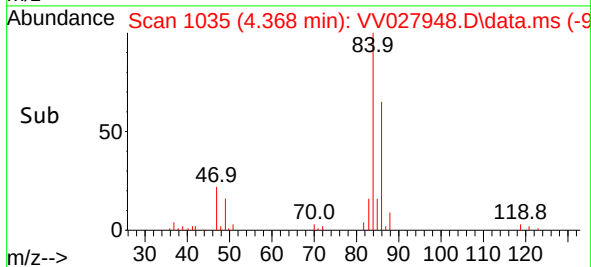
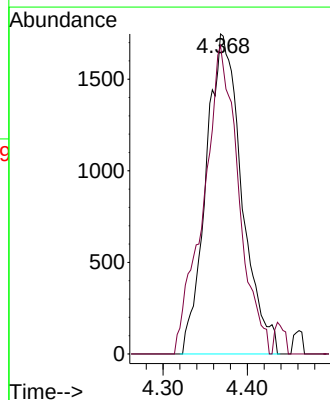
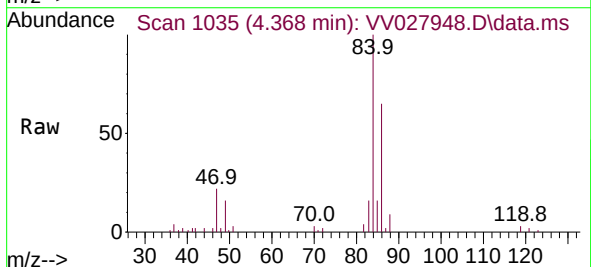
Ion	Ratio	Lower	Upper
96	100		
61	123.4	76.6	142.3
68	0.0	0.0	0.0

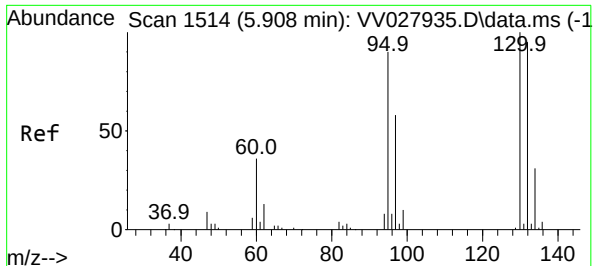


#25
 Chloroform
 Concen: 0.365 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VV027948.D
 Acq: 20 Sep 2022 00:46

Tgt Ion: 83 Resp: 5147

Ion	Ratio	Lower	Upper
83	100		
85	96.3	44.0	81.8#

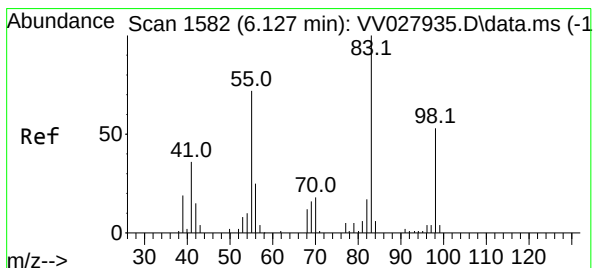
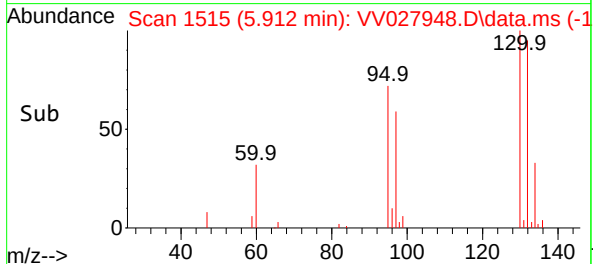
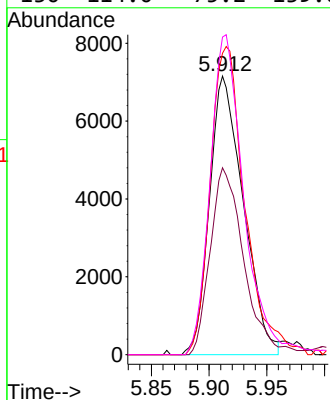
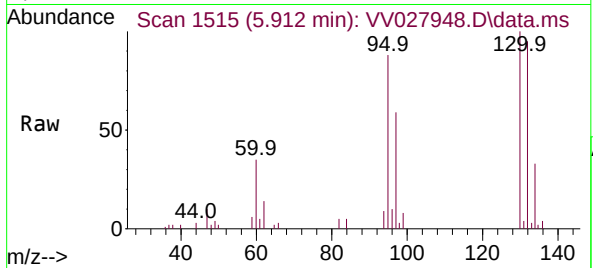




#34
Trichloroethene
Concen: 2.074 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027948.D
Acq: 20 Sep 2022 00:46

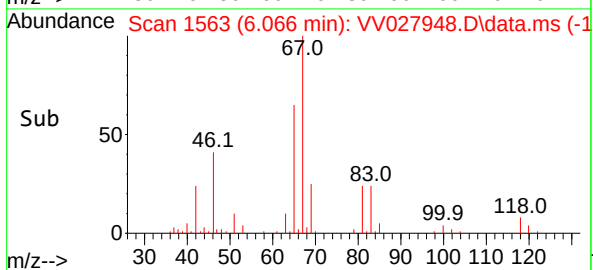
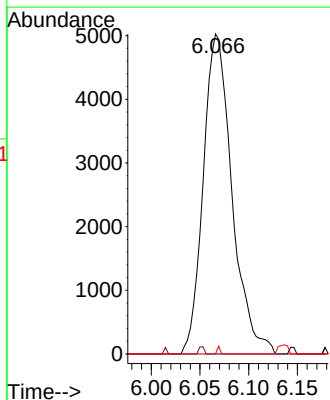
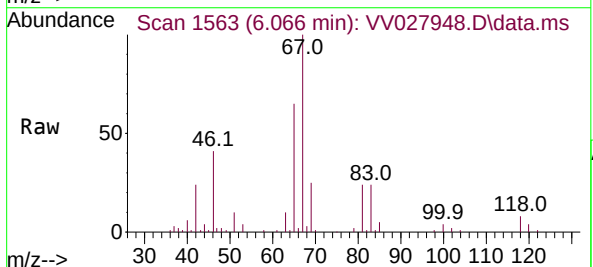
Instrument :
MSVOA_V
ClientSampleId :
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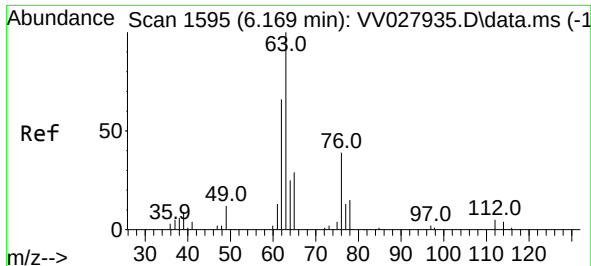
Tgt Ion: 95 Resp: 14563
Ion Ratio Lower Upper
95 100
97 67.1 46.1 85.7
132 108.2 75.2 139.6
130 114.0 75.2 139.6



#35
Methylcyclohexane
Concen: 1.038 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027948.D
Acq: 20 Sep 2022 00:46

Tgt Ion: 83 Resp: 10317
Ion Ratio Lower Upper
83 100
55 0.4 54.5 81.7#
98 0.2 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.599 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027948.D

Acq: 20 Sep 2022 00:46

Instrument :

MSVOA_V

ClientSampleId :

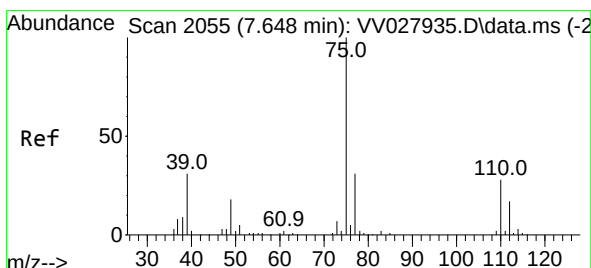
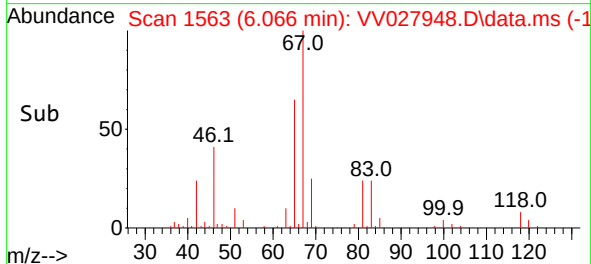
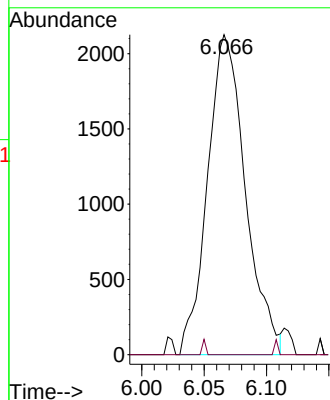
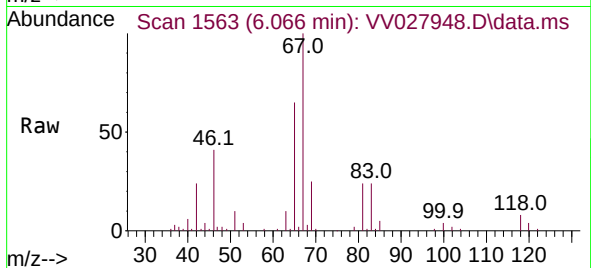
C0ED8

Tgt Ion: 63 Resp: 4499

Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.019 min

Lab File: VV027948.D

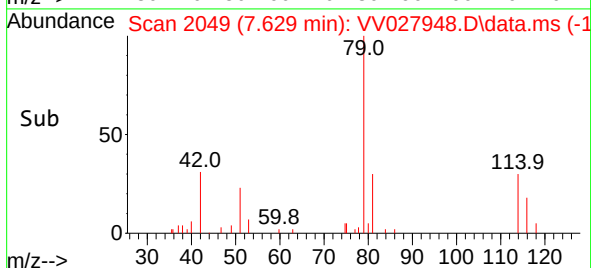
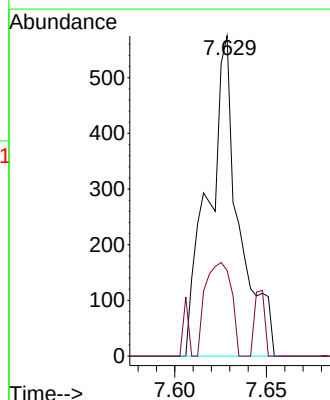
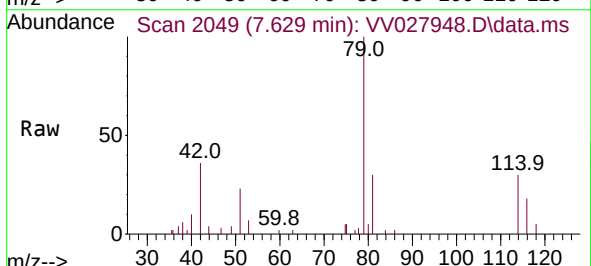
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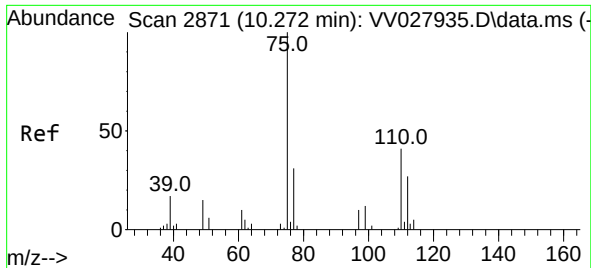
Tgt Ion: 75 Resp: 665

Ion Ratio Lower Upper

75 100

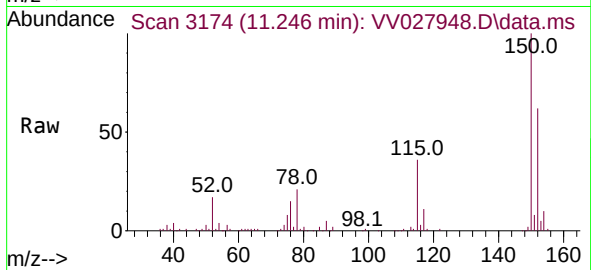
77 26.8 22.2 41.2





#61
 1,2,3-Trichloropropane
 Concen: 1.731 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027948.D
 Acq: 20 Sep 2022 00:46

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ED8



Tgt Ion: 75 Resp: 5866
 Ion Ratio Lower Upper
 75 100
 77 27.0 26.1 39.1
 110 0.7 31.3 46.9#

