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 Data File : VV027353.D
 Acq On : 13 Aug 2022 02:14
 Operator : SY/MD
 Sample : N4133-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

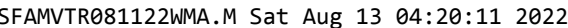
Instrument :
 MSVOA_V
 ClientSampleId :

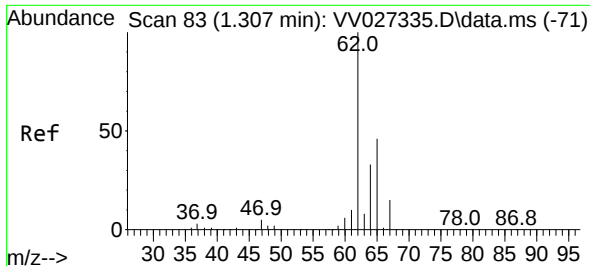
Quant Time: Aug 13 04:20:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	151489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162698	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50041	3.802	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.000%	
7) Chloroethane-d5	1.564	69	39903	4.175	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.104	63	66182	2.773	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.400%#	
20) 2-Butanone-d5	3.889	46	87743	39.365	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.720%	
24) Chloroform-d	4.342	84	102365	4.241	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
26) 1,2-Dichloroethane-d4	5.030	65	51517	4.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.046	84	176881	3.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.800%	
36) 1,2-Dichloropropane-d6	6.066	67	65519	4.415	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.400%	
41) Toluene-d8	7.313	98	140969	3.208	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.200%#	
43) trans-1,3-Dichloroprop...	7.625	79	15378	2.992	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	59.800%	
46) 2-Hexanone-d5	8.088	63	102180	51.366	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.740%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	50426	4.697	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54451	4.617	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	147036	8.754	ug/L	98
6) Bromomethane	1.516	94	371	0.047	ug/L	91
8) Chloroethane	1.407	64	26499	2.838	ug/L #	53
18) trans-1,2-Dichloroethene	2.760	96	2631	0.196	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	67075	5.083	ug/L	97
25) Chloroform	4.371	83	3011	0.114	ug/L	83
33) Benzene	5.098	78	23385	0.421	ug/L	100
34) Trichloroethene	5.915	95	4101	0.296	ug/L	91
35) Methylcyclohexane	6.066	83	15693	0.823	ug/L #	16
39) cis-1,3-Dichloropropene	6.982	75	1307	0.078	ug/L #	73
45) 1,1,2-Trichloroethane	7.702	97	5459	0.557	ug/L #	18
61) 1,2,3-Trichloropropane	11.246	75	8063	1.225	ug/L #	65

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 02:46:03 2022
Response via : Initial Calibration

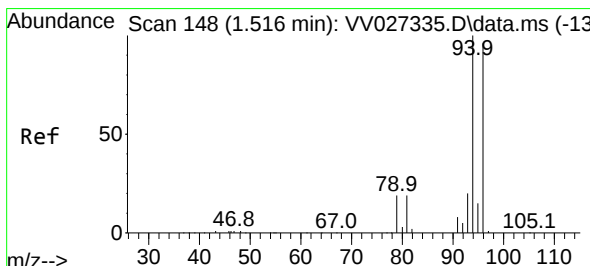
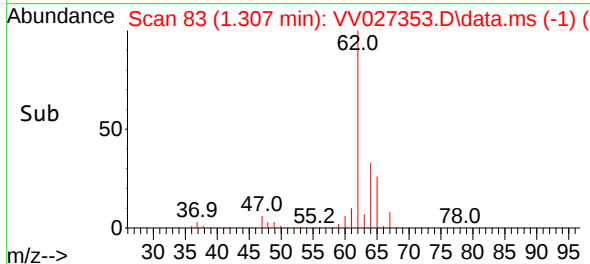
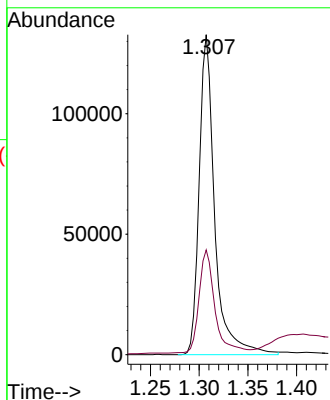
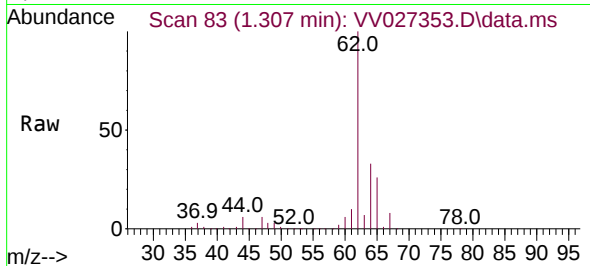




#5
 Vinyl chloride
 Concen: 8.754 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027353.D
 Acq: 13 Aug 2022 02:14

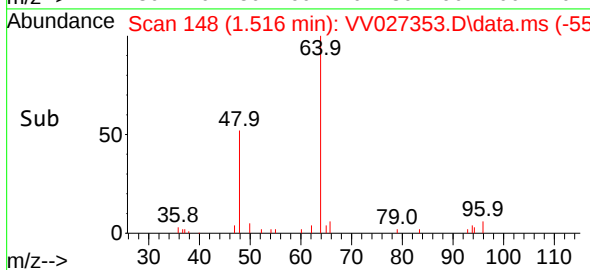
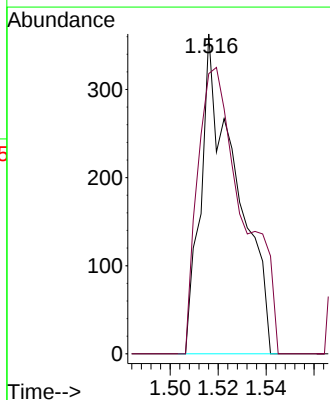
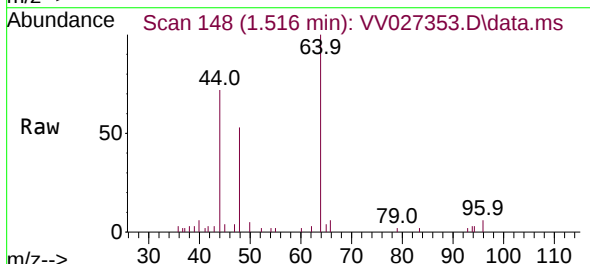
Instrument :
 MSVOA_V
 ClientSampleId :

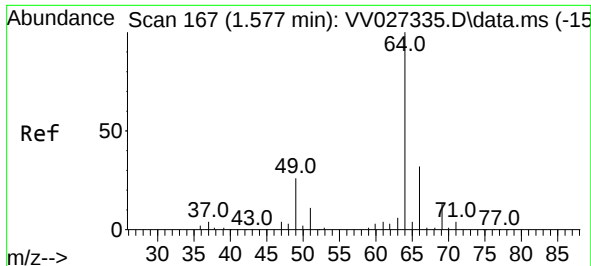
Tgt Ion: 62 Resp: 147036
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.7 44.1



#6
 Bromomethane
 Concen: 0.047 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027353.D
 Acq: 13 Aug 2022 02:14

Tgt Ion: 94 Resp: 371
 Ion Ratio Lower Upper
 94 100
 96 87.6 67.2 124.8

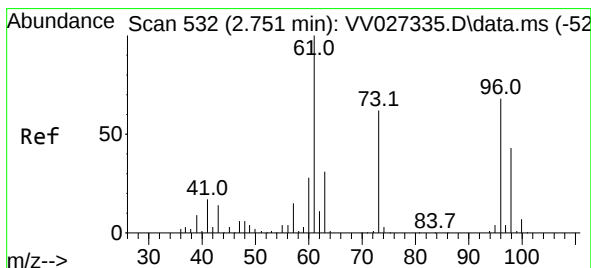
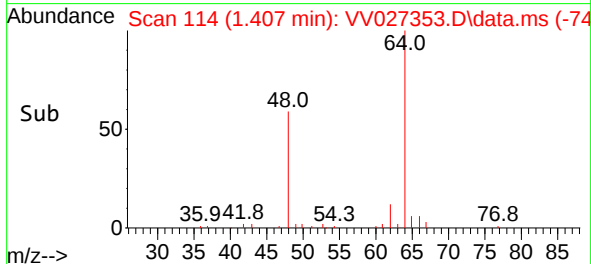
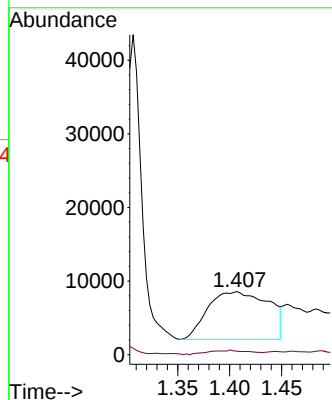
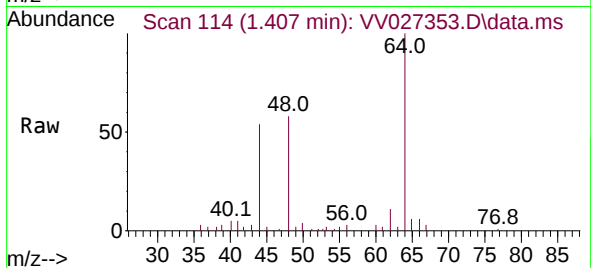




#8
Chloroethane
Concen: 2.838 ug/L
RT: 1.407 min Scan# 114
Delta R.T. -0.171 min
Lab File: VV027353.D
Acq: 13 Aug 2022 02:14

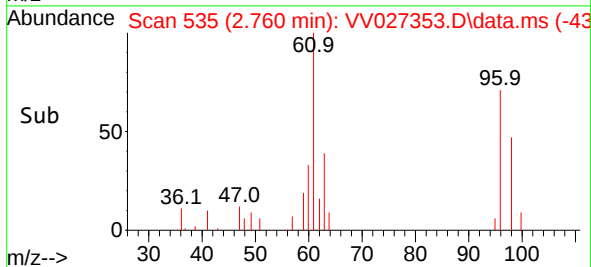
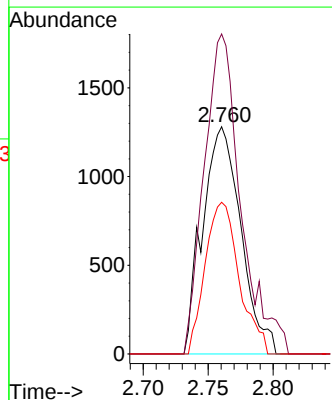
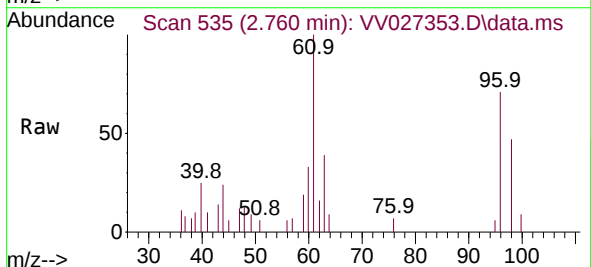
Instrument :
MSVOA_V
ClientSampleId :

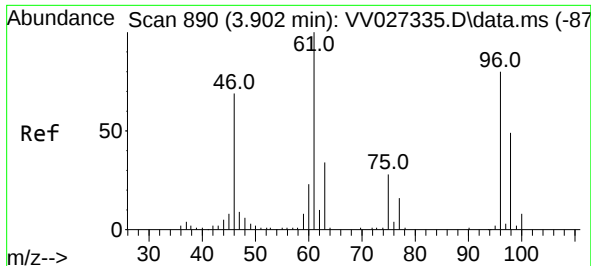
Tgt Ion: 64 Resp: 26499
Ion Ratio Lower Upper
64 100
66 5.6 22.3 41.5#



#18
trans-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.009 min
Lab File: VV027353.D
Acq: 13 Aug 2022 02:14

Tgt Ion: 96 Resp: 2631
Ion Ratio Lower Upper
96 100
61 140.8 99.6 185.0
98 66.7 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 5.083 ug/L

RT: 3.908 min Scan# 890

Delta R.T. 0.006 min

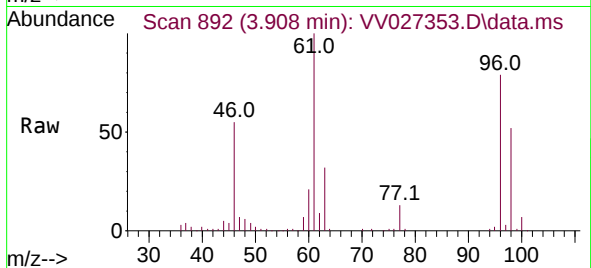
Lab File: VV027353.D

Acq: 13 Aug 2022 02:14

Instrument :

MSVOA_V

ClientSampleId :



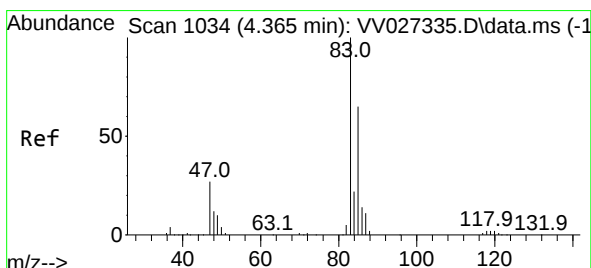
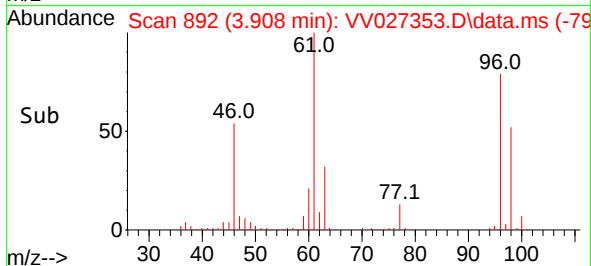
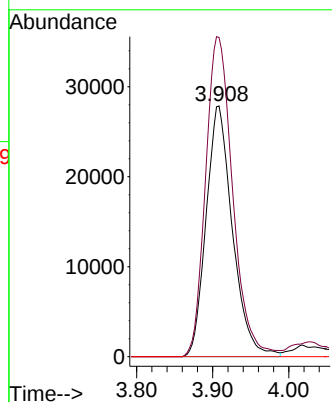
Tgt Ion: 96 Resp: 67075

Ion Ratio Lower Upper

96 100

61 127.3 91.3 169.5

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.114 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV027353.D

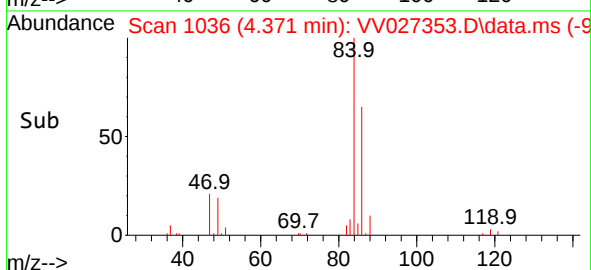
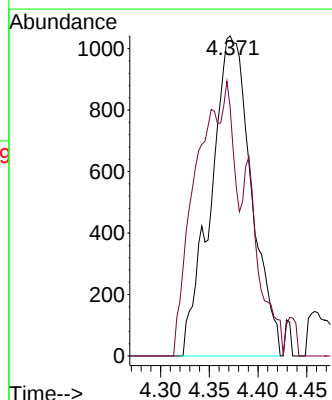
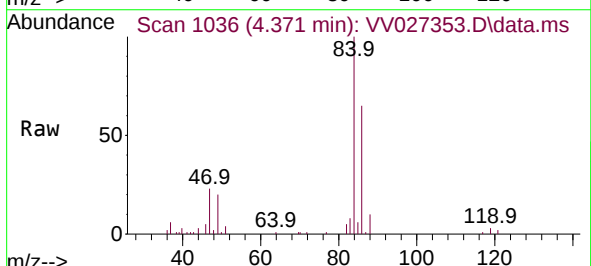
Acq: 13 Aug 2022 02:14

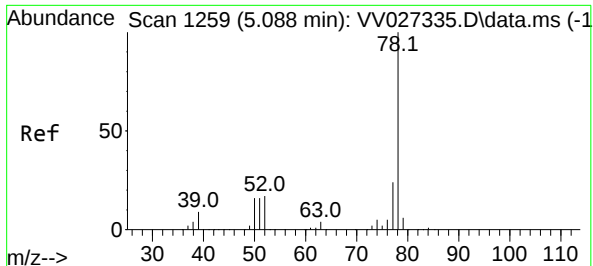
Tgt Ion: 83 Resp: 3011

Ion Ratio Lower Upper

83 100

85 77.8 45.2 84.0

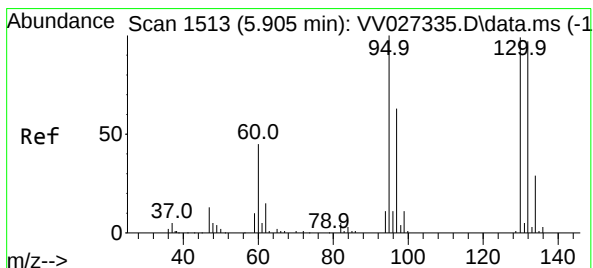
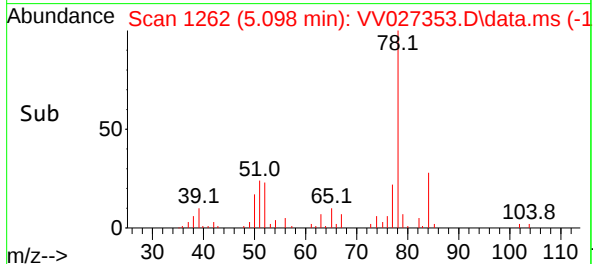
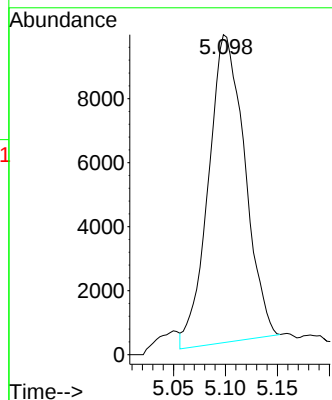
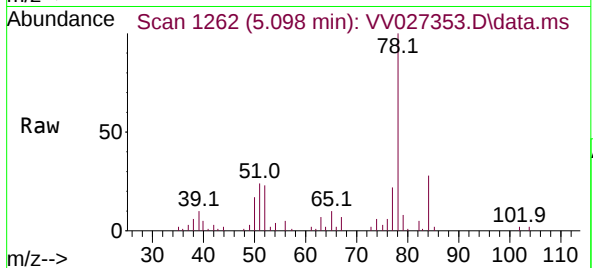




#33
Benzene
Concen: 0.421 ug/L
RT: 5.098 min Scan# 1516
Delta R.T. 0.009 min
Lab File: VV027353.D
Acq: 13 Aug 2022 02:14

Instrument :
MSVOA_V
ClientSampleId :

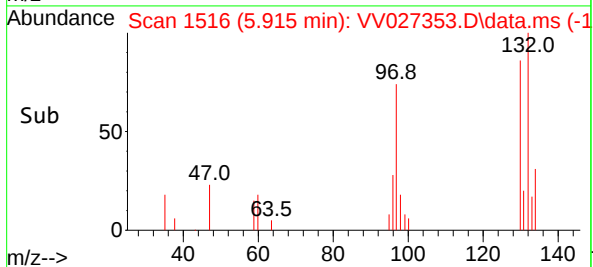
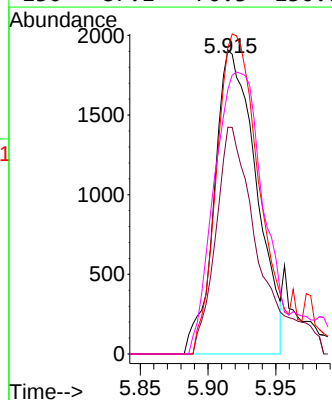
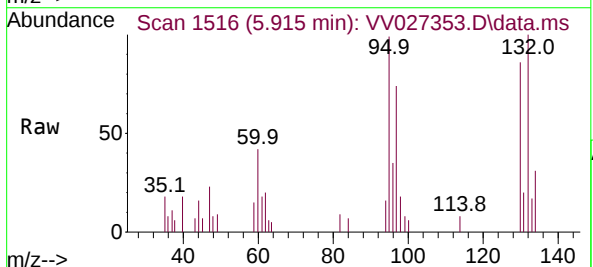
Tgt Ion: 78 Resp: 23385

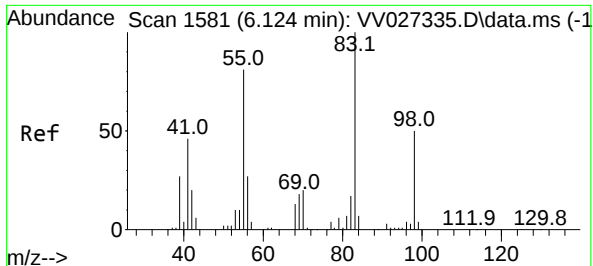


#34
Trichloroethene
Concen: 0.296 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.009 min
Lab File: VV027353.D
Acq: 13 Aug 2022 02:14

Tgt Ion: 95 Resp: 4101

Ion	Ratio	Lower	Upper
95	100		
97	74.5	45.5	84.5
132	100.7	68.2	126.6
130	87.1	70.3	130.7





#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV027353.D

Acq: 13 Aug 2022 02:14

Instrument :

MSVOA_V

ClientSampleId :

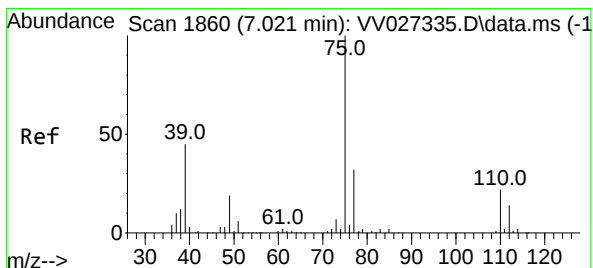
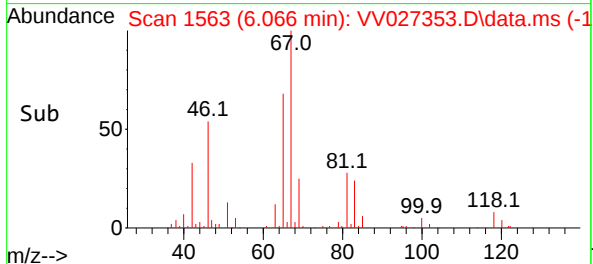
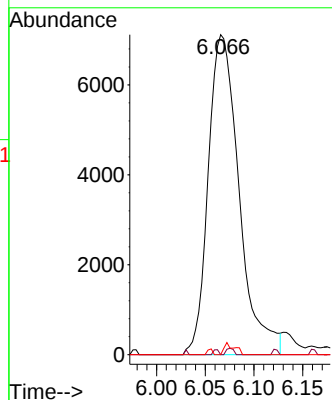
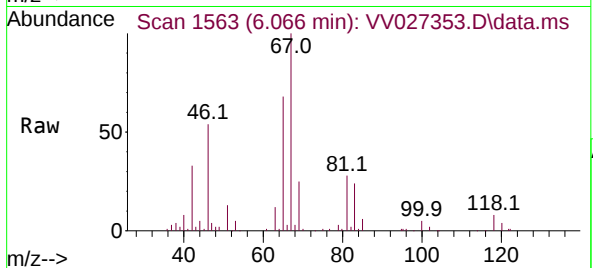
Tgt Ion: 83 Resp: 15693

Ion Ratio Lower Upper

83 100

55 0.3 67.0 100.6#

98 0.3 38.7 58.1#



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV027353.D

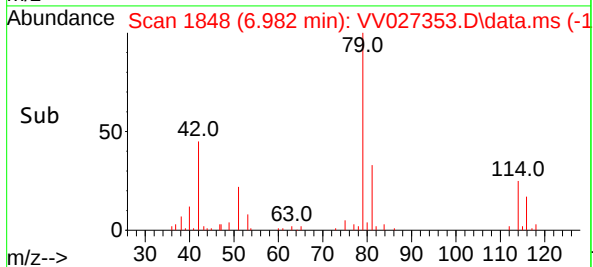
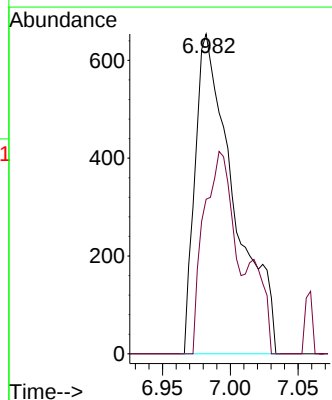
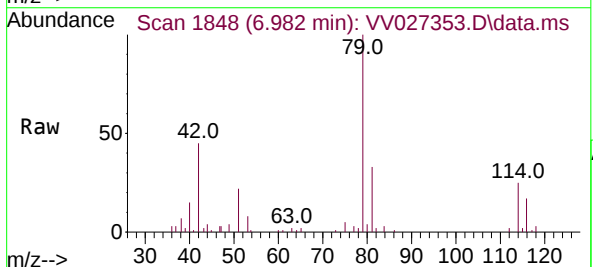
Acq: 13 Aug 2022 02:14

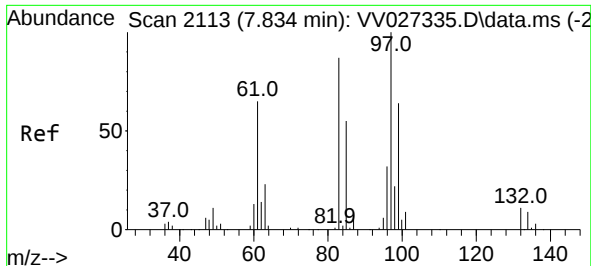
Tgt Ion: 75 Resp: 1307

Ion Ratio Lower Upper

75 100

77 48.3 23.2 43.0#

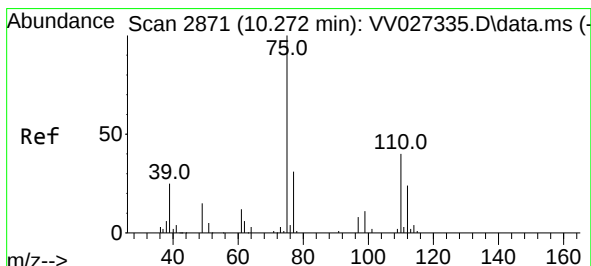
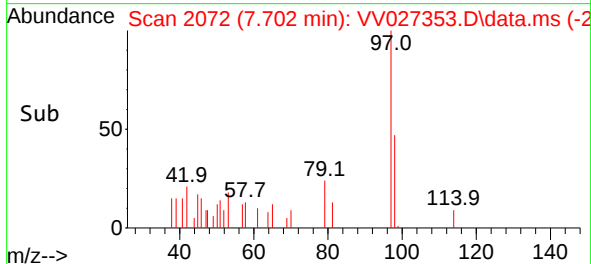
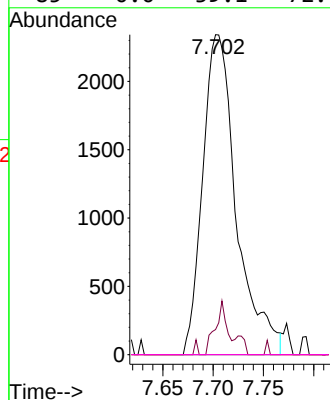
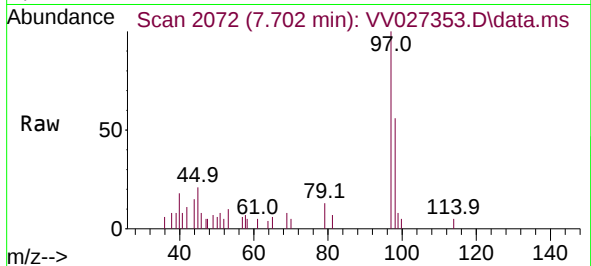




#45
 1,1,2-Trichloroethane
 Concen: 0.557 ug/L
 RT: 7.702 min Scan# 20
 Delta R.T. -0.132 min
 Lab File: VV027353.D
 Acq: 13 Aug 2022 02:14

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:	97	Resp:	5459
Ion	Ratio	Lower	Upper
97	100		
99	7.9	43.7	81.1#
83	0.0	59.8	111.0#
85	0.0	39.1	72.7#



#61
 1,2,3-Trichloropropane
 Concen: 1.225 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV027353.D
 Acq: 13 Aug 2022 02:14

Tgt Ion:	75	Resp:	8063
Ion	Ratio	Lower	Upper
75	100		
77	37.0	26.6	39.8
110	2.9	31.0	46.6#

