

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021077.D
 Acq On : 03 Dec 2021 20:28
 Operator : SY/VA
 Sample : M4886-16
 Misc : 6.75g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:41:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

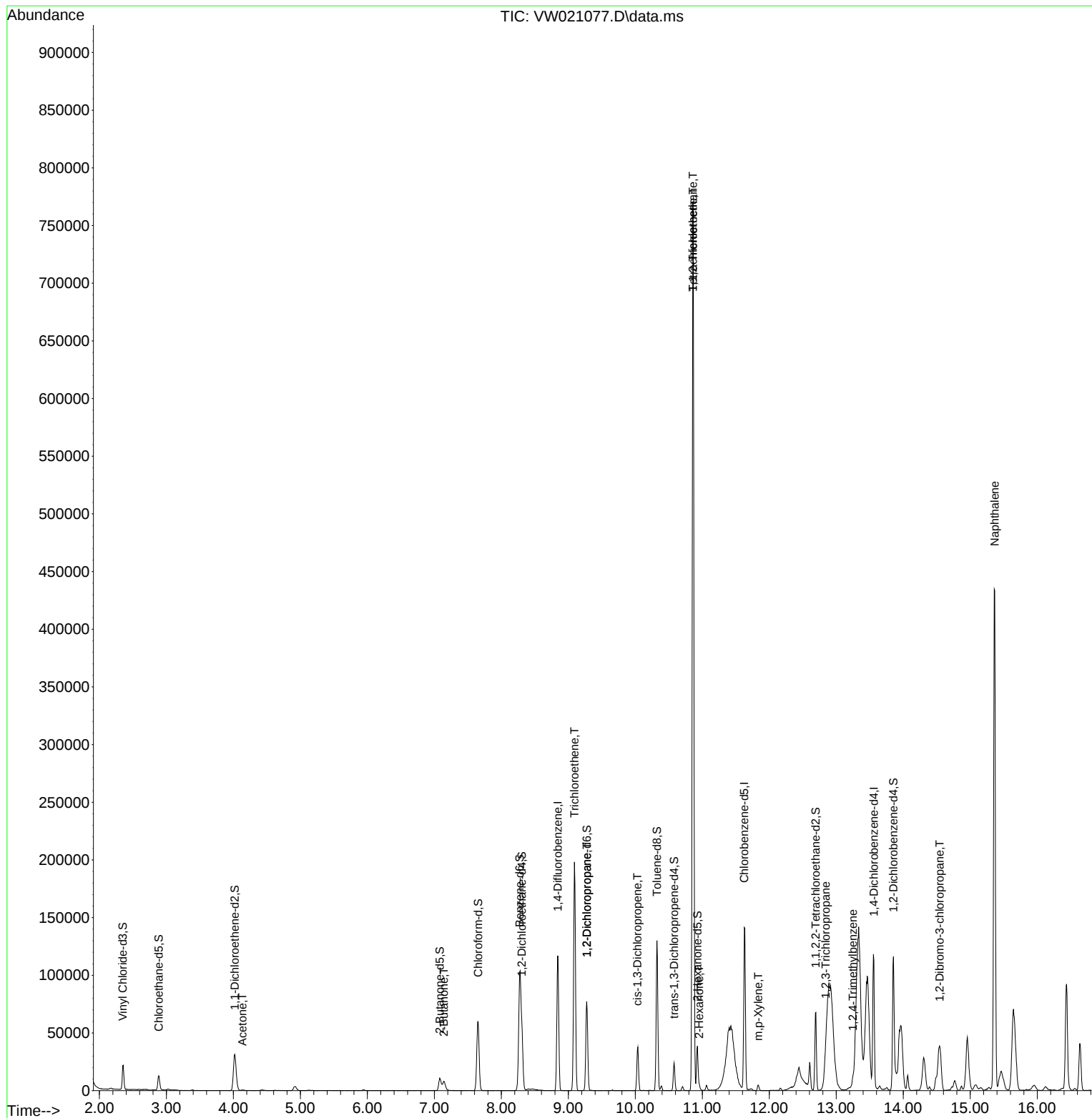
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	97399	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	79892	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	32458	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	19472	14.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.400%
7) Chloroethane-d5	2.885	69	14149	15.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.320%
11) 1,1-Dichloroethene-d2	4.019	63	29786	13.740	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.960%
21) 2-Butanone-d5	7.080	46	17236	55.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.360%
24) Chloroform-d	7.653	84	60283	24.714	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	8.305	65	38128	28.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.280%
32) Benzene-d6	8.275	84	101271	24.791	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.160%
36) 1,2-Dichloropropane-d6	9.275	67	32529	28.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.600%
41) Toluene-d8	10.323	98	84247	20.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.440%
43) trans-1,3-Dichloroprop...	10.579	79	12622	24.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.960%
47) 2-Hexanone-d5	10.927	63	11990	55.204	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.400%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	31453	29.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	29089	25.013	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.040%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	1335	4.735	ug/L	98
22) 2-Butanone	7.141	43	2902	7.437	ug/L #	52
34) Trichloroethene	9.092	95	64336	51.330	ug/L	89
37) 1,2-Dichloropropane	9.275	63	4189	4.080	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1182	0.712	ug/L	84
45) 1,1,2-Trichloroethane	10.860	97	1466	1.703	ug/L #	5
46) Tetrachloroethene	10.860	164	172943	150.684	ug/L	92
48) 2-Hexanone	10.951	43	2211	4.381	ug/L #	41
53) m,p-Xylene	11.835	106	1508	0.624	ug/L	92
61) 1,2,3-Trichloropropane	12.841	75	679	1.249	ug/L #	46
63) 1,2,4-Trimethylbenzene	13.249	105	3058	0.805	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.542	75	2430	19.792	ug/L #	10
71) Naphthalene	15.365	128	386553	162.107	ug/L	99

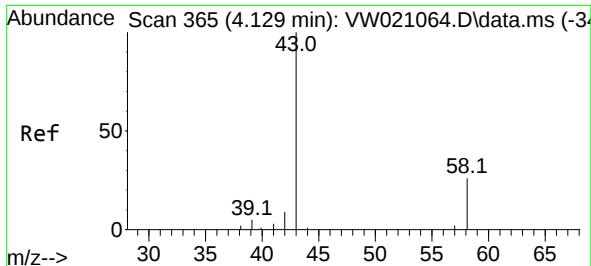
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 4.735 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021077.D

Acq: 03 Dec 2021 20:28

Instrument :

MSVOA_W

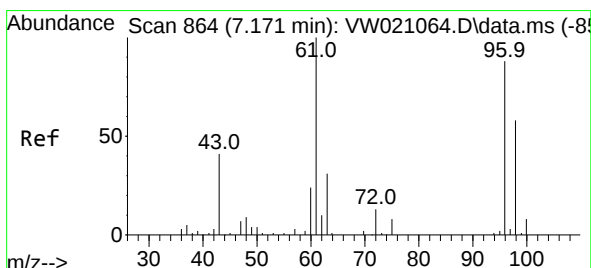
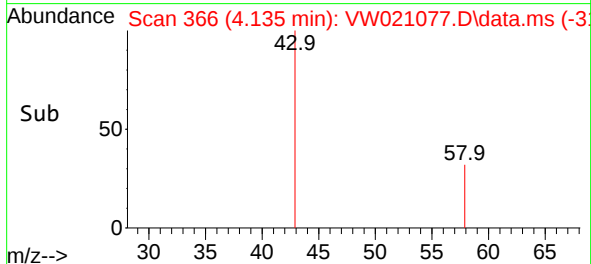
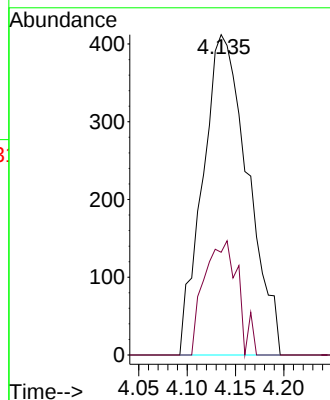
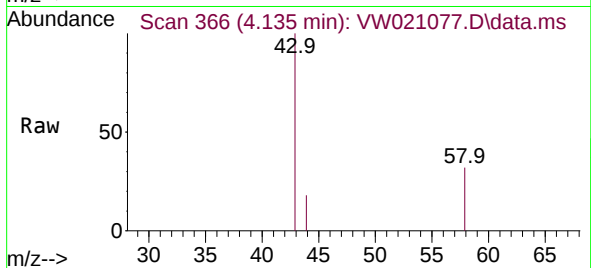
ClientSampleId :

Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

58 25.2 0.0 52.8



#22

2-Butanone

Concen: 7.437 ug/L

RT: 7.141 min Scan# 859

Delta R.T. -0.030 min

Lab File: VW021077.D

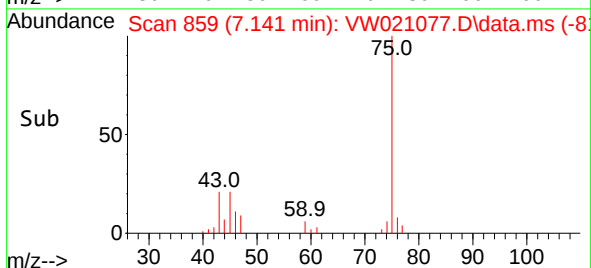
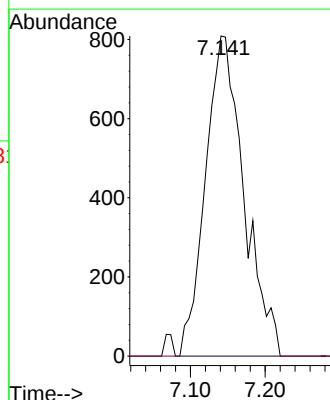
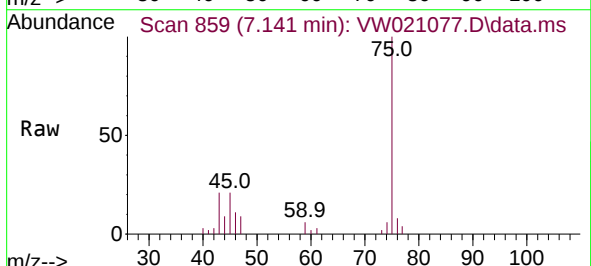
Acq: 03 Dec 2021 20:28

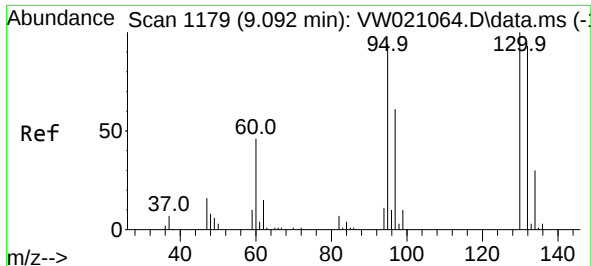
Tgt Ion: 43 Resp: 2902

Ion Ratio Lower Upper

43 100

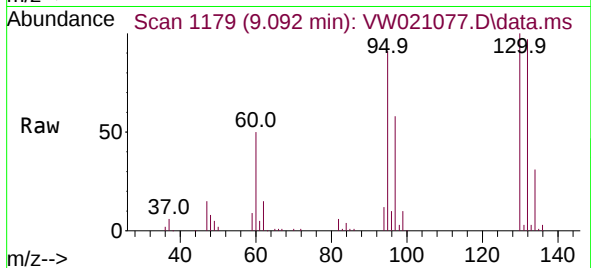
72 0.0 11.8 35.4#



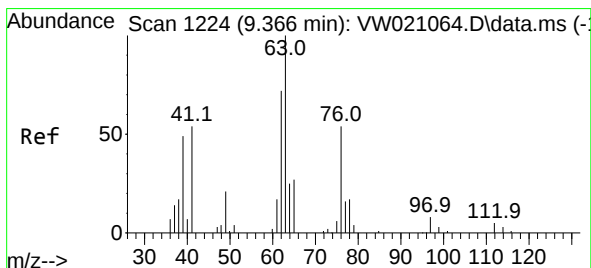
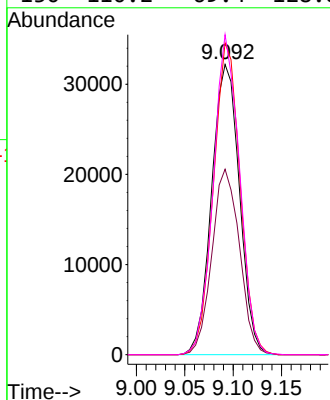
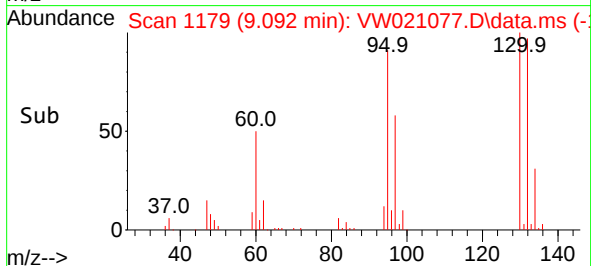


#34
Trichloroethene
Concen: 51.330 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021077.D
Acq: 03 Dec 2021 20:28

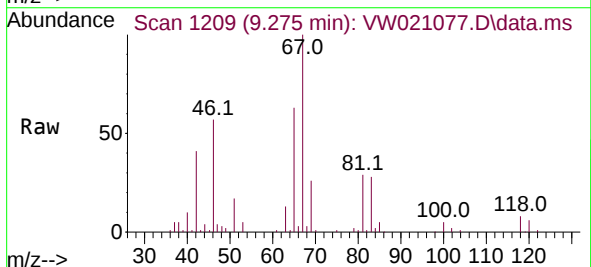
Instrument :
MSVOA_W
ClientSampleId :



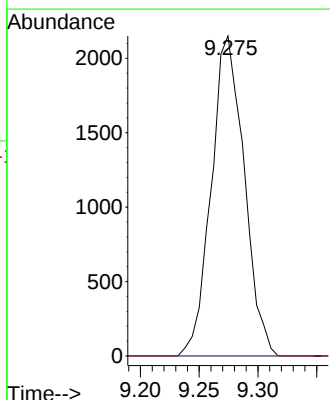
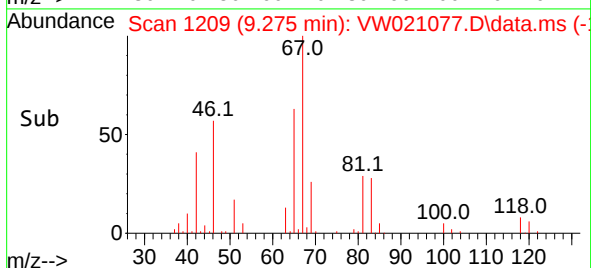
Tgt Ion: 95 Resp: 64336
Ion Ratio Lower Upper
95 100
97 63.9 47.0 87.2
132 107.4 65.5 121.6
130 110.2 69.4 128.8

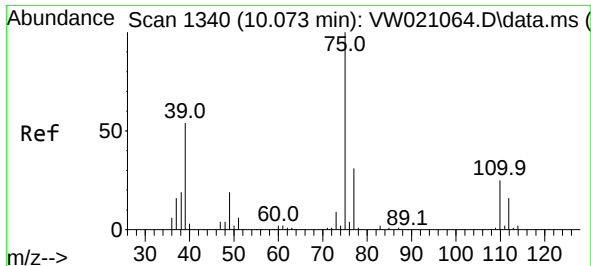


#37
1,2-Dichloropropane
Concen: 4.080 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021077.D
Acq: 03 Dec 2021 20:28



Tgt Ion: 63 Resp: 4189
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.712 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021077.D

Acq: 03 Dec 2021 20:28

Instrument :

MSVOA_W

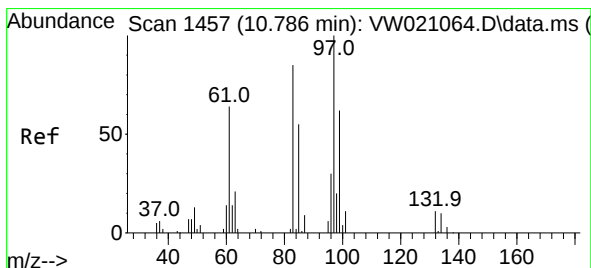
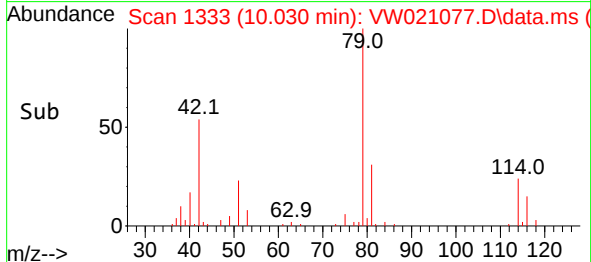
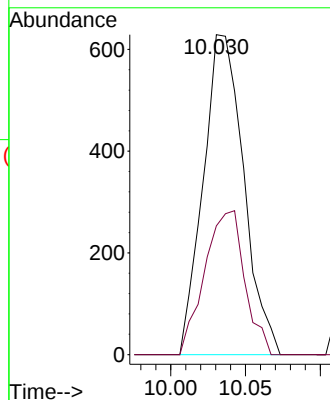
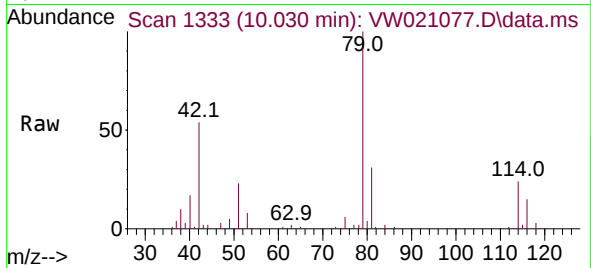
ClientSampleId :

Tgt Ion: 75 Resp: 1182

Ion Ratio Lower Upper

75 100

77 40.2 21.8 40.6



#45

1,1,2-Trichloroethane

Concen: 1.703 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.073 min

Lab File: VW021077.D

Acq: 03 Dec 2021 20:28

Tgt Ion: 97 Resp: 1466

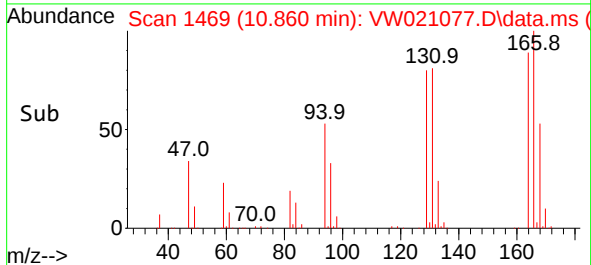
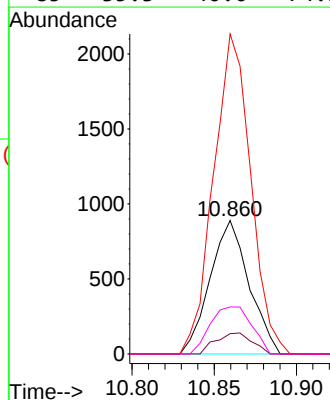
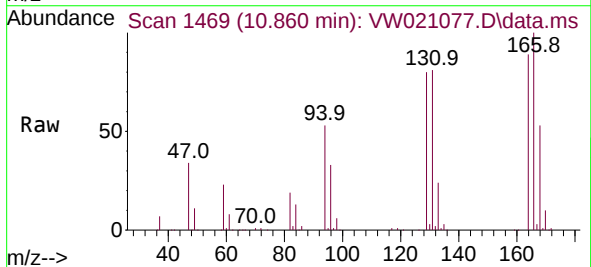
Ion Ratio Lower Upper

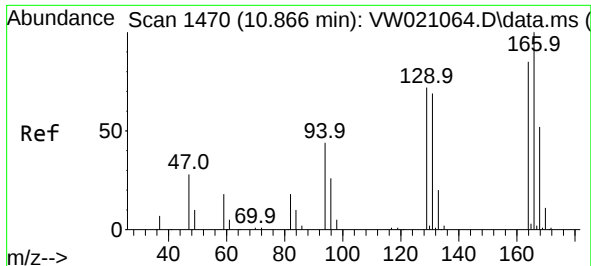
97 100

99 15.3 43.0 79.8#

83 239.9 62.6 116.3#

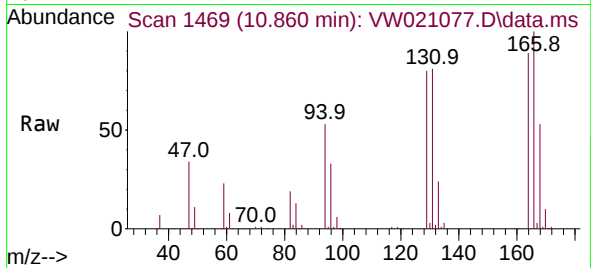
85 35.3 40.0 74.2#



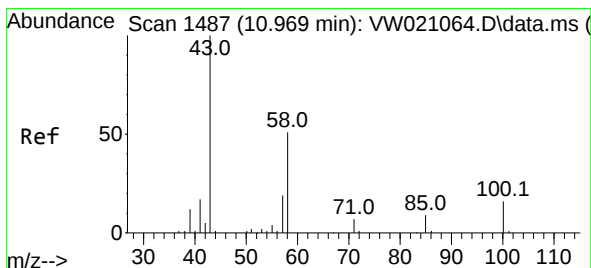
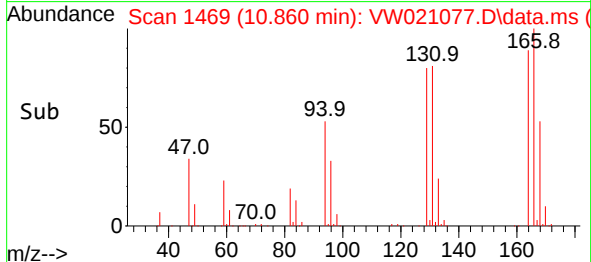
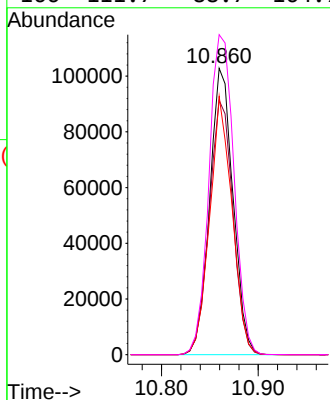


#46
Tetrachloroethene
Concen: 150.684 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW021077.D
Acq: 03 Dec 2021 20:28

Instrument :
MSVOA_W
ClientSampleId :

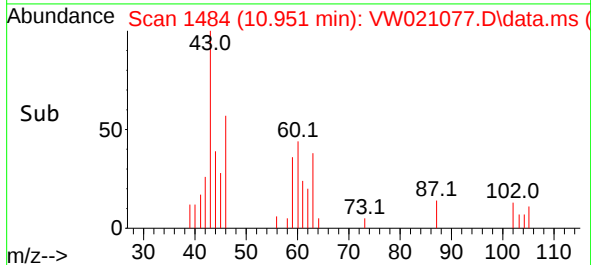
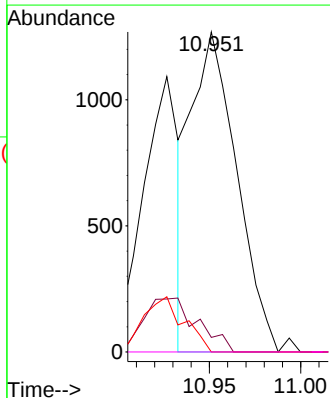
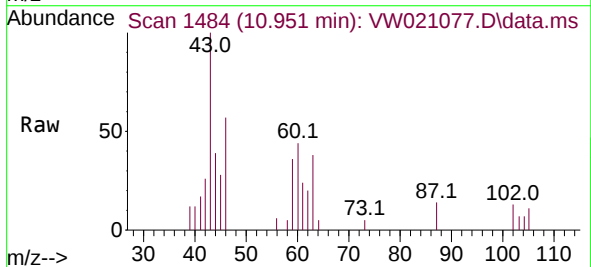


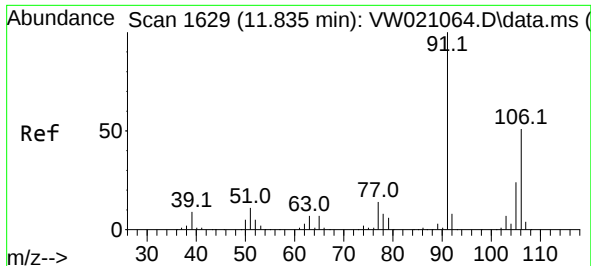
Tgt Ion:164 Resp: 172943
Ion Ratio Lower Upper
164 100
129 88.8 65.5 121.7
131 90.2 59.7 110.9
166 111.7 88.7 164.7



#48
2-Hexanone
Concen: 4.381 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW021077.D
Acq: 03 Dec 2021 20:28

Tgt Ion: 43 Resp: 2211
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.2#
57 0.0 14.3 21.5#
100 0.0 8.0 12.0#





#53

m,p-Xylene

Concen: 0.624 ug/L

RT: 11.835 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021077.D

Acq: 03 Dec 2021 20:28

Instrument :

MSVOA_W

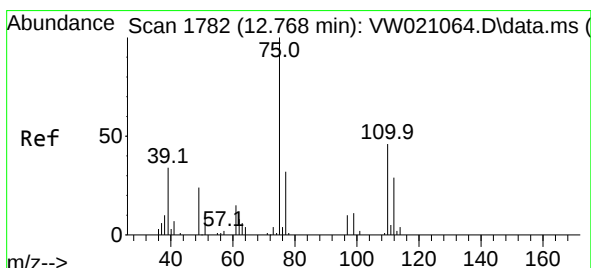
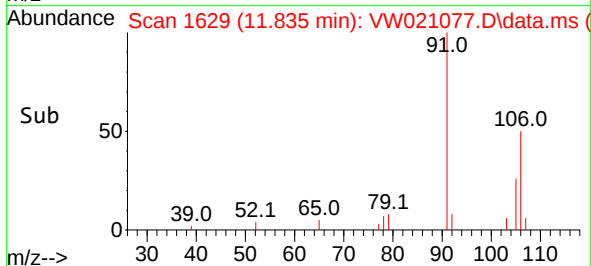
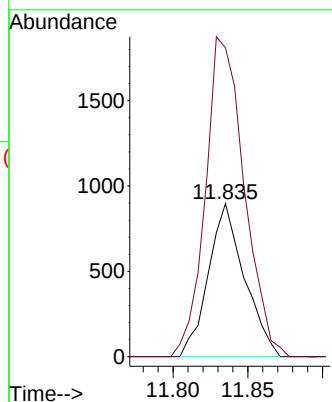
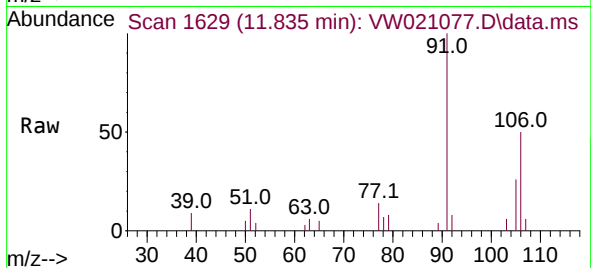
ClientSampleId :

Tgt Ion:106 Resp: 1508

Ion Ratio Lower Upper

106 100

91 201.7 149.9 278.3



#61

1,2,3-Trichloropropane

Concen: 1.249 ug/L

RT: 12.841 min Scan# 1794

Delta R.T. 0.073 min

Lab File: VW021077.D

Acq: 03 Dec 2021 20:28

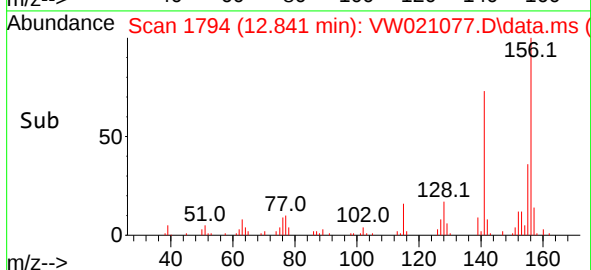
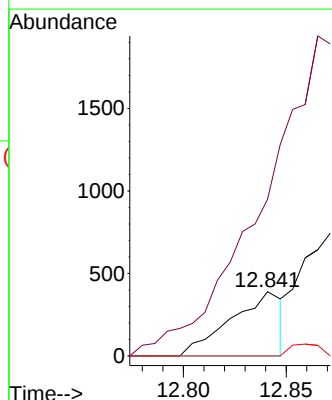
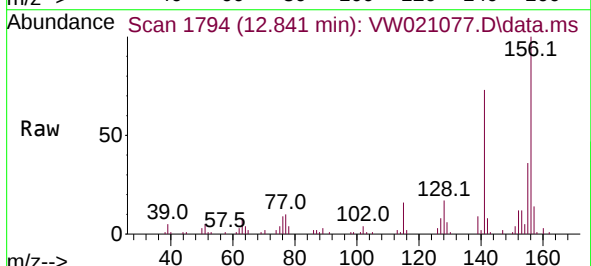
Tgt Ion: 75 Resp: 679

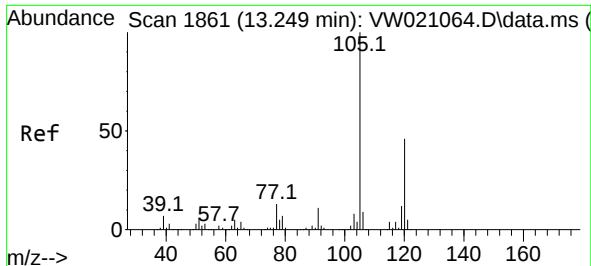
Ion Ratio Lower Upper

75 100

77 7.2 25.8 38.8#

110 0.0 29.0 43.4#

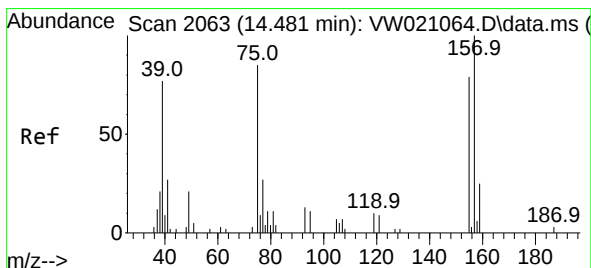
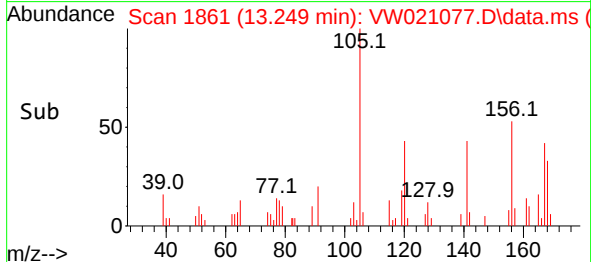
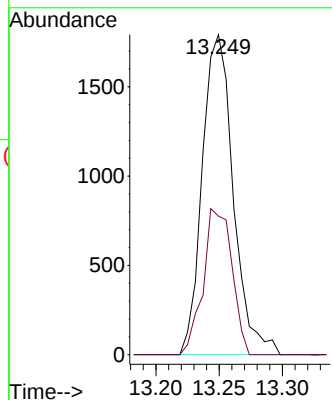
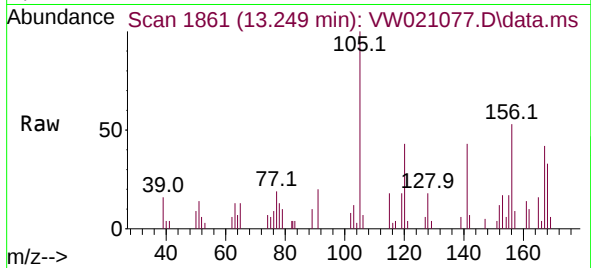




#63
 1,2,4-Trimethylbenzene
 Concen: 0.805 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021077.D
 Acq: 03 Dec 2021 20:28

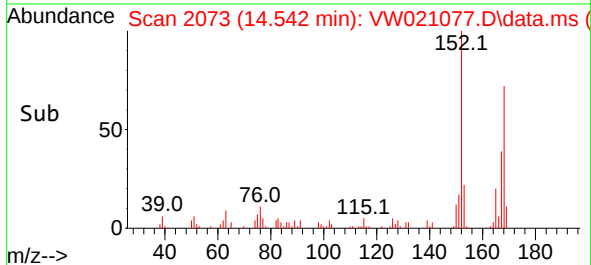
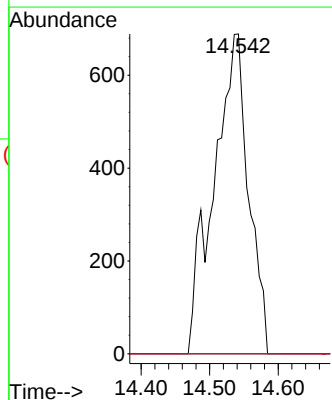
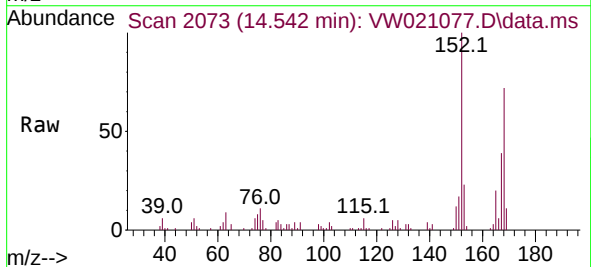
Instrument :
 MSVOA_W
 ClientSampleId :

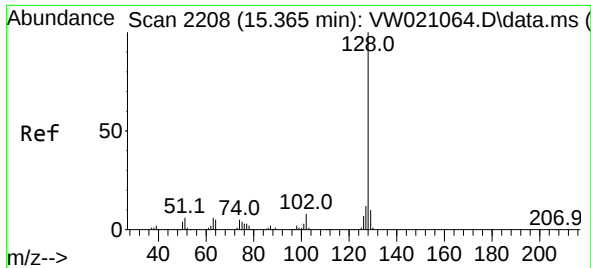
Tgt Ion:105 Resp: 3058
 Ion Ratio Lower Upper
 105 100
 120 42.1 35.0 52.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 19.792 ug/L
 RT: 14.542 min Scan# 2073
 Delta R.T. 0.061 min
 Lab File: VW021077.D
 Acq: 03 Dec 2021 20:28

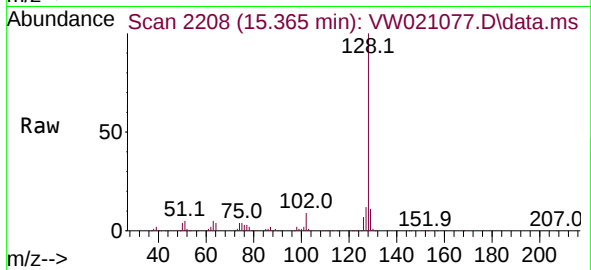
Tgt Ion: 75 Resp: 2430
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.2 81.2#
 157 0.0 69.4 104.2#





#71
Naphthalene
Concen: 162.107 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021077.D
Acq: 03 Dec 2021 20:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 386553
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.7 8.6 12.8

