

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw120621\
 Data File : VW021190.D
 Acq On : 07 Dec 2021 00:27
 Operator : SY/VA
 Sample : M4888-19
 Misc : 5.41g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8C4

Quant Time: Dec 07 07:51:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 07:23:32 2021
 Response via : Initial Calibration

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

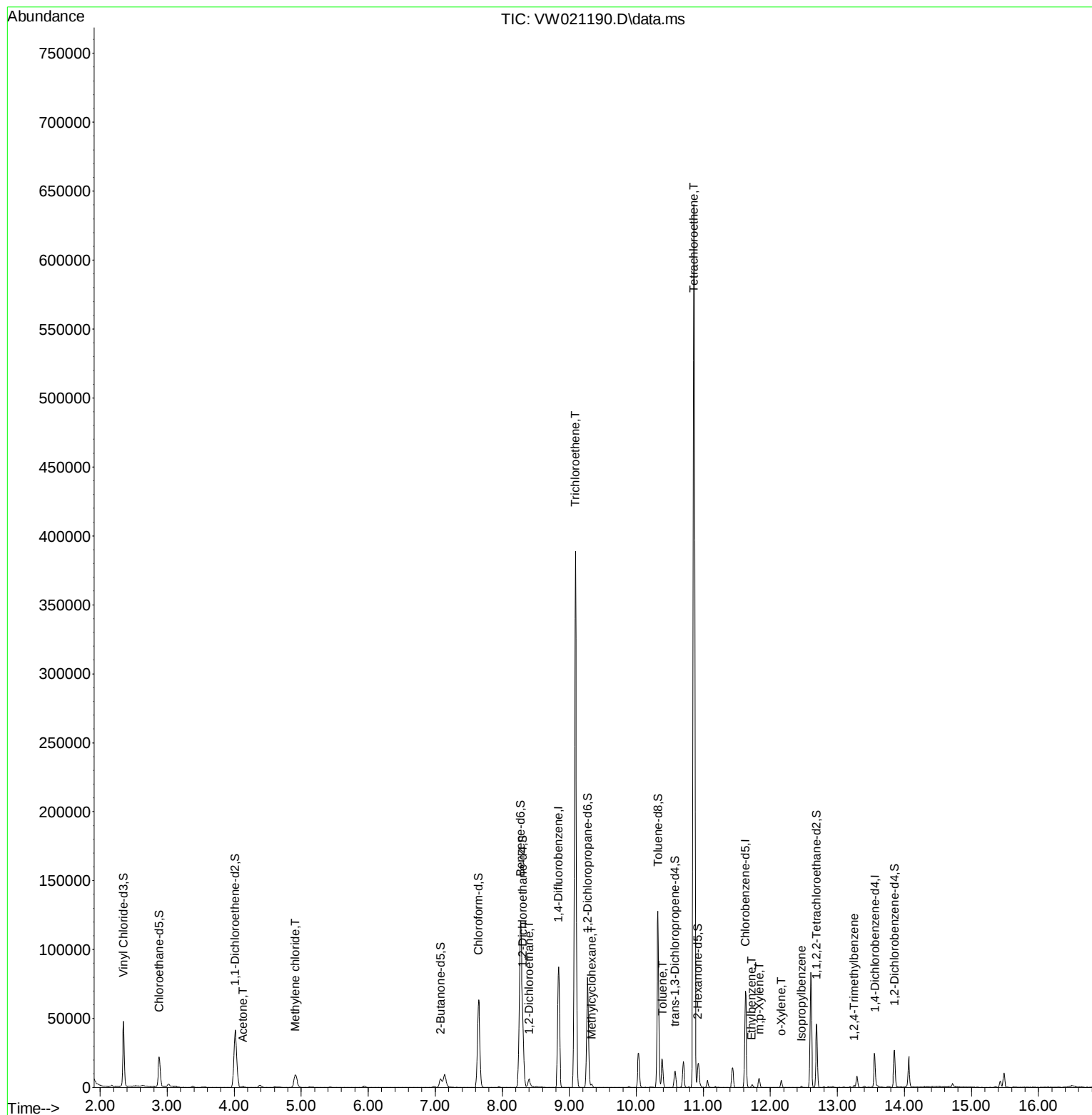
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	74299	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	38852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	6636	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41625	40.210	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	160.840%#	
7) Chloroethane-d5	2.879	69	25660	37.029	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	148.120%	
11) 1,1-Dichloroethene-d2	4.013	63	38152	23.070	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	92.280%	
21) 2-Butanone-d5	7.080	46	10447	44.244	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	88.480%	
24) Chloroform-d	7.647	84	64014	34.403	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	137.600%	
26) 1,2-Dichloroethane-d4	8.305	65	33940	33.341	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	133.360%#	
32) Benzene-d6	8.275	84	117141	58.967	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	235.880%#	
36) 1,2-Dichloropropane-d6	9.274	67	34040	61.661	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	246.640%#	
41) Toluene-d8	10.323	98	82039	40.276	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	161.120%#	
43) trans-1,3-Dichloroprop...	10.579	79	6247	24.921	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	99.680%	
47) 2-Hexanone-d5	10.920	63	5712	54.079	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	108.160%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20435	40.012	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	160.040%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	7263	30.547	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	122.200%#	
Target Compounds					Qvalue	
13) Acetone	4.129	43	1453	6.756	ug/L	87
16) Methylene chloride	4.915	84	7214	6.163	ug/L	80
27) 1,2-Dichloroethane	8.403	62	4872	4.075	ug/L #	94
34) Trichloroethene	9.091	95	120862	198.287	ug/L	91
35) Methylcyclohexane	9.335	83	1048	1.021	ug/L #	83
42) Toluene	10.390	91	15293	6.060	ug/L	92
46) Tetrachloroethene	10.859	164	140606	251.918	ug/L	96
52) Ethylbenzene	11.725	91	1690	0.595	ug/L	98
53) m,p-Xylene	11.835	106	2072	1.763	ug/L	81
54) o-Xylene	12.164	106	1486	1.341	ug/L	86
60) Isopropylbenzene	12.463	105	584	0.633	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	1071	1.379	ug/L	97

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

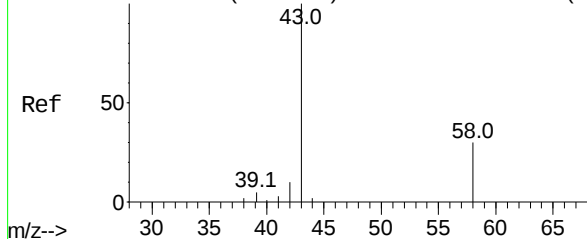
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021190.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 07 07:23:32 2021
Response via : Initial Calibration



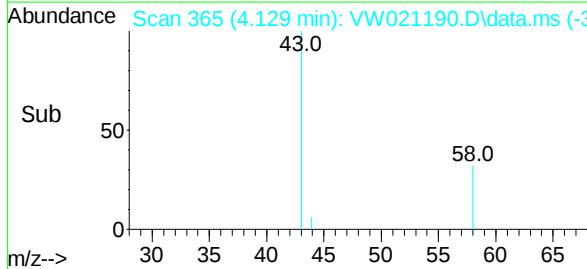
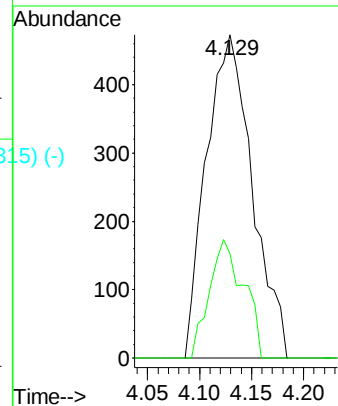
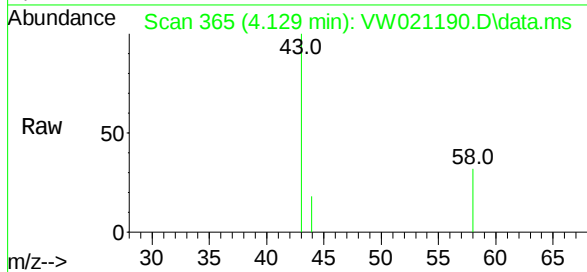
Abundance Scan 364 (4.123 min): VW021180.D\data.ms (-354) #13



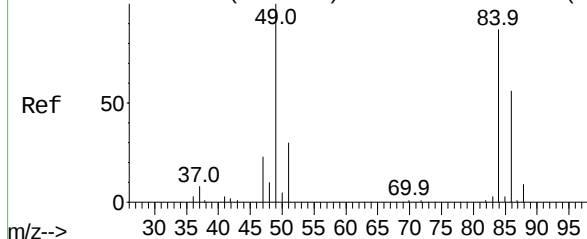
Acetone
Concen: 6.756 ug/L
RT: 4.129 min Scan# 13
Delta R.T. 0.006 min
Lab File: VW021190.D
Acq: 07 Dec 2021 00:27

Instrument :
MSVOA_W
ClientSampleId :
EX8C4

Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 20.0 0.0 52.8

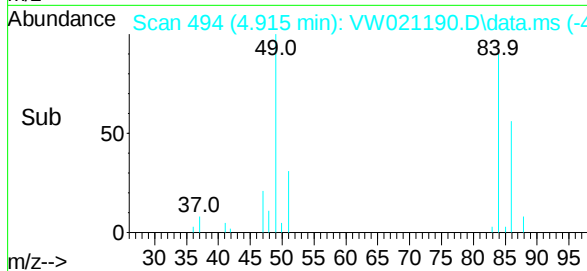
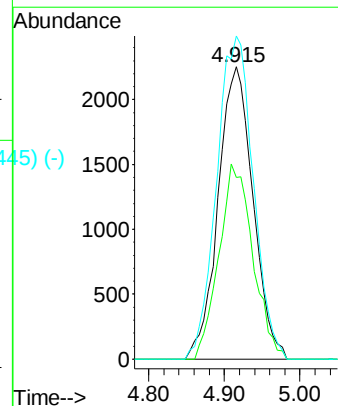
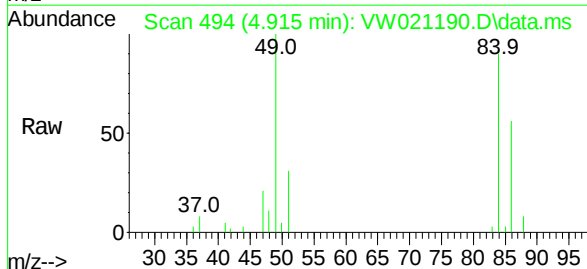


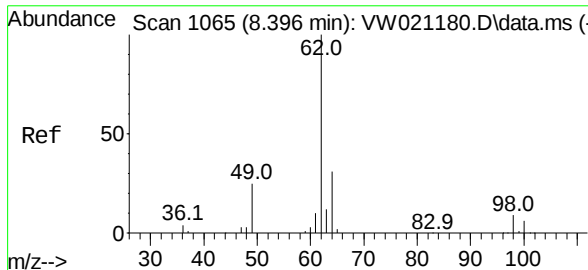
Abundance Scan 494 (4.915 min): VW021180.D\data.ms (-482) #16



Methylene chloride
Concen: 6.163 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021190.D
Acq: 07 Dec 2021 00:27

Tgt Ion: 84 Resp: 7214
Ion Ratio Lower Upper
84 100
86 62.1 45.5 84.5
49 110.6 100.5 186.7

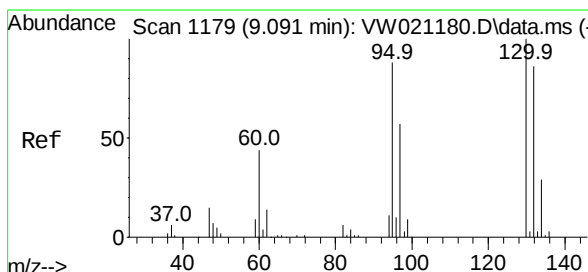
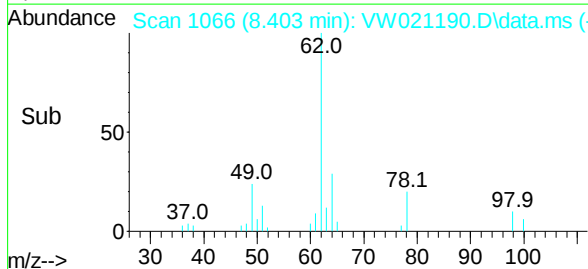
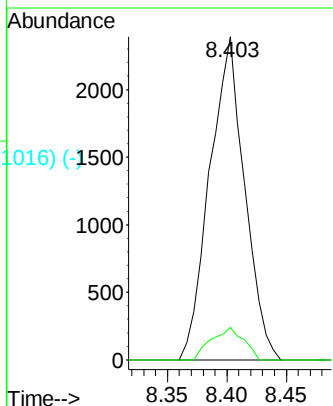
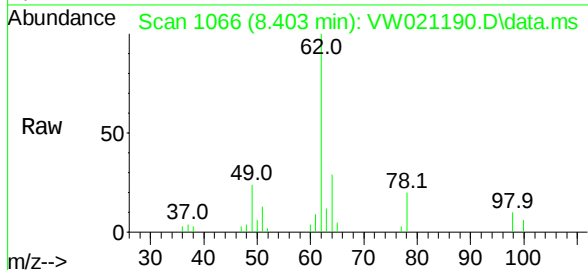




Scan 1065 (8.396 min): VW021180.D\data.ms (-10527) (-)
 1,2-Dichloroethane
 Concen: 4.075 ug/L
 RT: 8.403 min Scan# 1065
 Delta R.T. 0.006 min
 Lab File: VW021190.D
 Acq: 07 Dec 2021 00:27

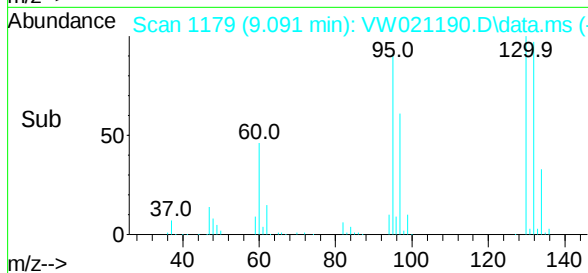
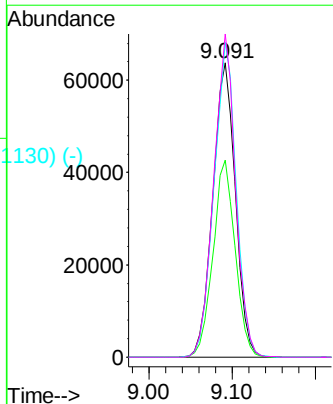
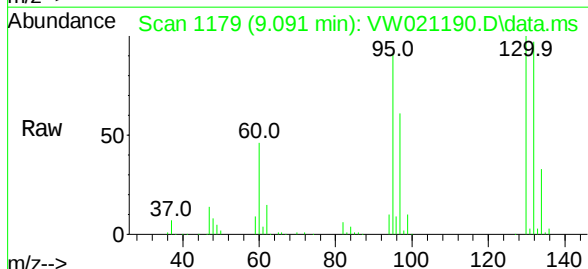
Instrument :
 MSVOA_W
 ClientSampleId :
 EX8C4

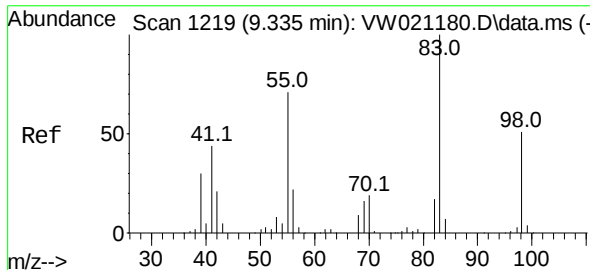
Tgt Ion: 62 Resp: 4872
 Ion Ratio Lower Upper
 62 100
 98 10.2 6.5 9.7#



Scan 1179 (9.091 min): VW021180.D\data.ms (-11734) (-)
 Trichloroethene
 Concen: 198.287 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW021190.D
 Acq: 07 Dec 2021 00:27

Tgt Ion: 95 Resp: 120862
 Ion Ratio Lower Upper
 95 100
 97 67.0 47.0 87.2
 132 106.9 65.5 121.6
 130 109.7 69.4 128.8

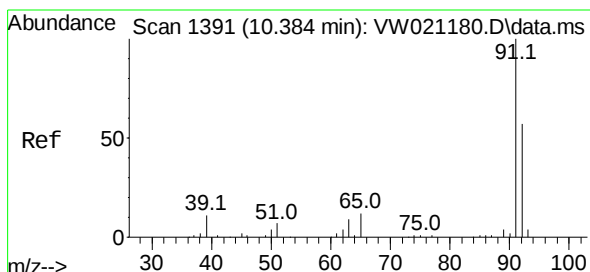
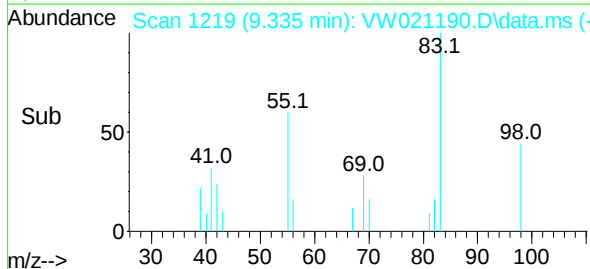
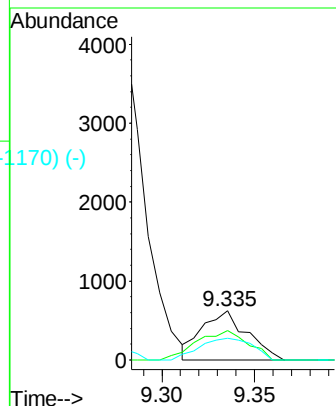
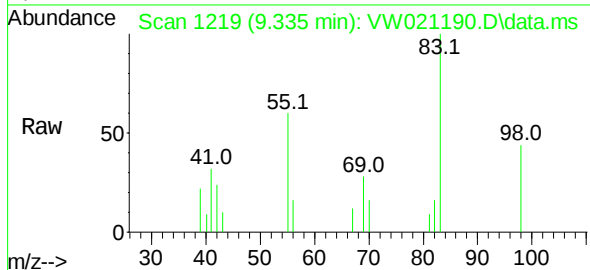




Methylcyclohexane
Concen: 1.021 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021190.D
Acq: 07 Dec 2021 00:27

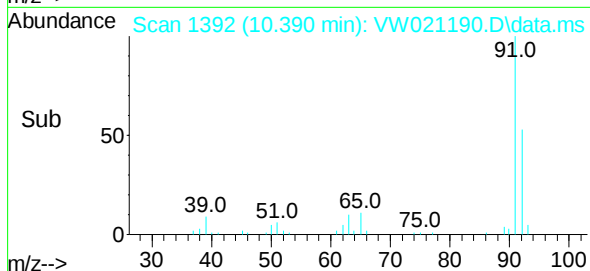
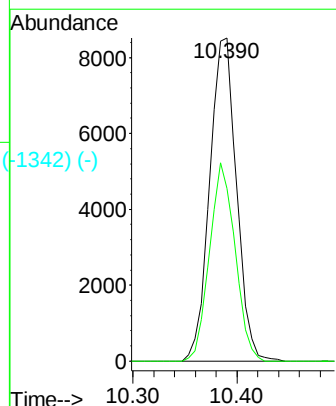
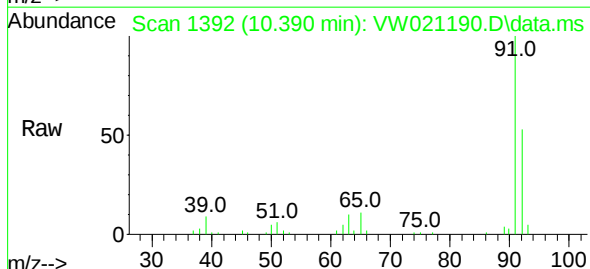
Instrument :
MSVOA_W
ClientSampleId :
EX8C4

Tgt Ion: 83 Resp: 1048
Ion Ratio Lower Upper
83 100
55 68.1 70.8 106.2#
98 51.8 37.7 56.5



Toluene
Concen: 6.060 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW021190.D
Acq: 07 Dec 2021 00:27

Tgt Ion: 91 Resp: 15293
Ion Ratio Lower Upper
91 100
92 53.5 41.7 77.5



Abundance Scan 1469 (10.859 min): VW021180.D\data.ms (-1469) (-)

Tetrachloroethene

Concen: 251.918 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021190.D

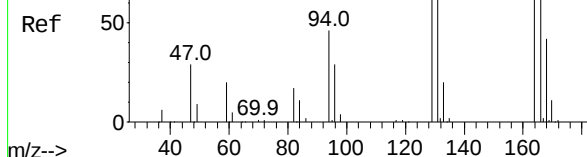
Acq: 07 Dec 2021 00:27

Instrument :

MSVOA_W

ClientSampleId :

EX8C4



Tgt Ion:164 Resp: 140606

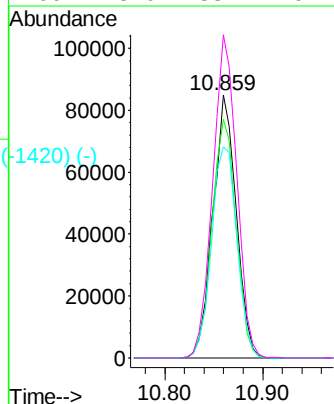
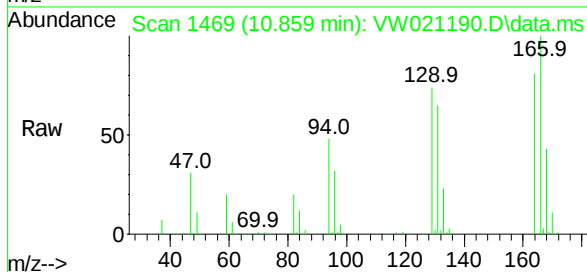
Ion Ratio Lower Upper

164 100

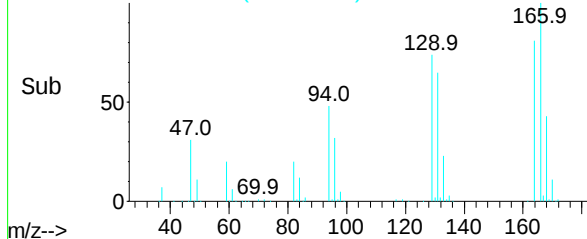
129 90.9 65.5 121.7

131 80.4 59.7 110.9

166 123.0 88.7 164.7



Abundance Scan 1469 (10.859 min): VW021190.D\data.ms (-1420) (-)



Abundance Scan 1611 (11.725 min): VW021180.D\data.ms (-1652) (-)

Ethylbenzene

Concen: 0.595 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. 0.000 min

Lab File: VW021190.D

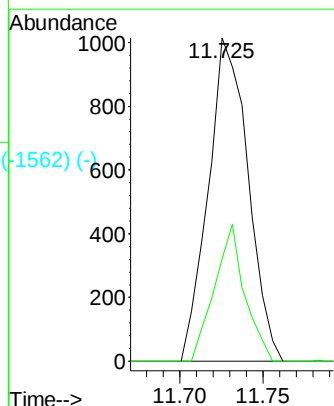
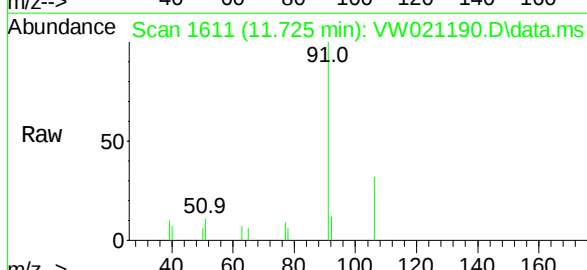
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Tgt Ion: 91 Resp: 1690

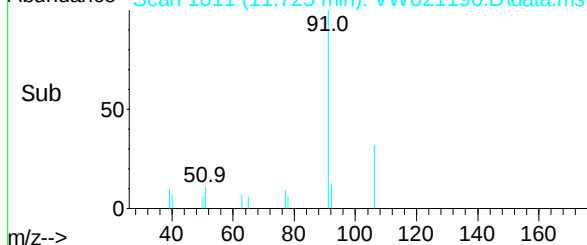
Ion Ratio Lower Upper

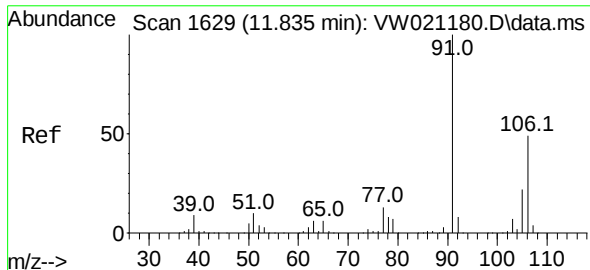
91 100

106 31.8 21.5 39.9



Abundance Scan 1611 (11.725 min): VW021190.D\data.ms (-1562) (-)

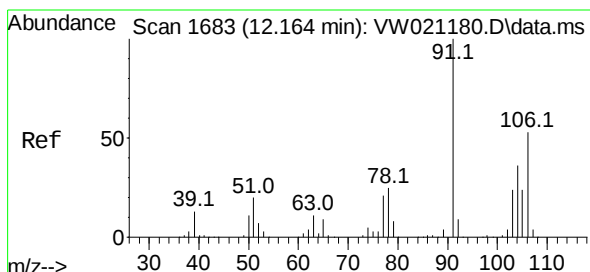
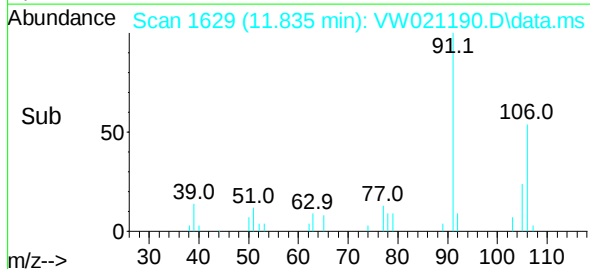
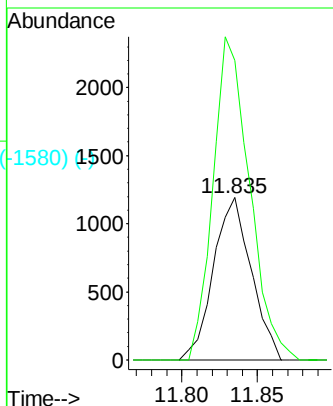
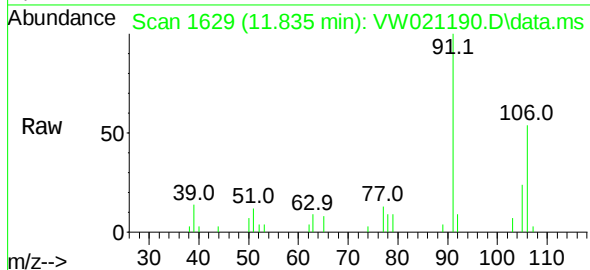




Scan 1629 (11.835 min): VW021180.D\data.ms (-1653) (-)
 m,p-Xylene
 Concen: 1.763 ug/L
 RT: 11.835 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VW021190.D
 Acq: 07 Dec 2021 00:27

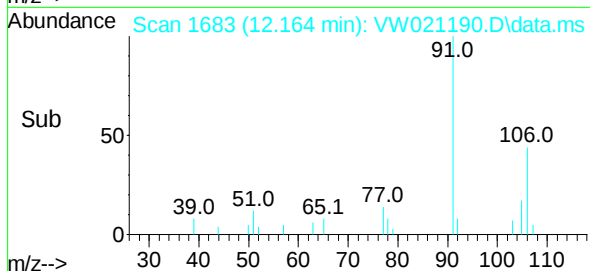
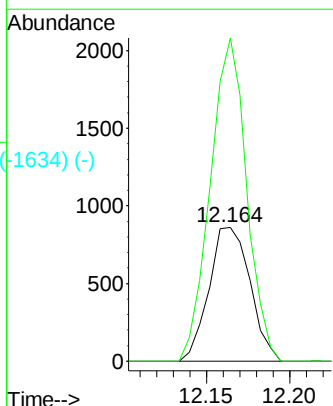
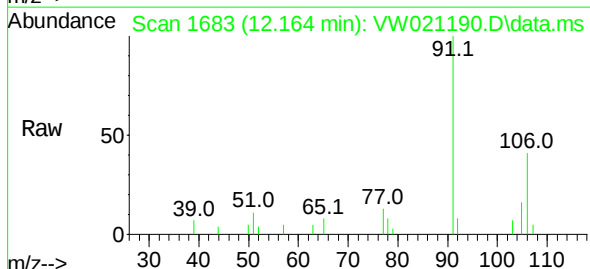
Instrument : MSVOA_W
 ClientSampleId : EX8C4

Tgt Ion:106 Resp: 2072
 Ion Ratio Lower Upper
 106 100
 91 184.4 149.9 278.3

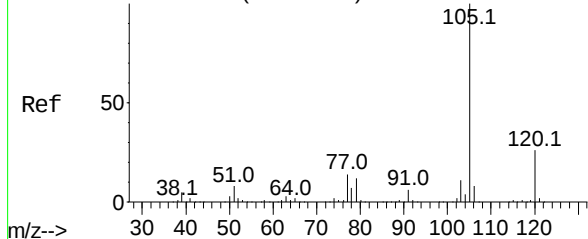


Scan 1683 (12.164 min): VW021180.D\data.ms (-1654) (-)
 o-Xylene
 Concen: 1.341 ug/L
 RT: 12.164 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: VW021190.D
 Acq: 07 Dec 2021 00:27

Tgt Ion:106 Resp: 1486
 Ion Ratio Lower Upper
 106 100
 91 241.4 153.6 285.3



Abundance Scan 1732 (12.463 min): VW021180.D\data.ms (-1720) (-)



Isopropylbenzene

Concen: 0.633 ug/L

RT: 12.463 min Scan#

Delta R.T. 0.000 min

Lab File: VW021190.D

Acq: 07 Dec 2021 00:27

Instrument :

MSVOA_W

ClientSampleId :

EX8C4

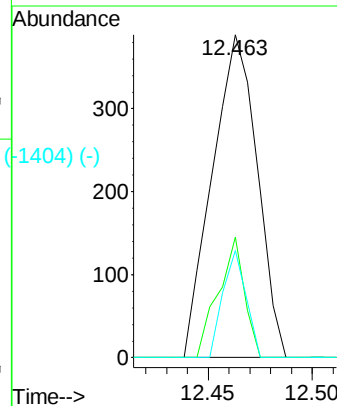
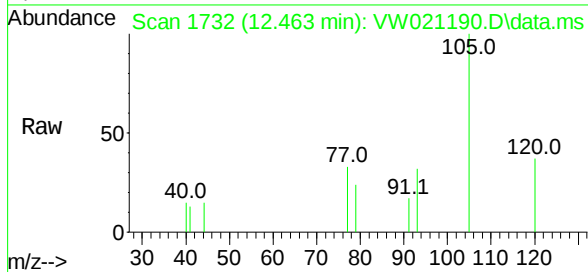
Tgt Ion:105 Resp: 584

Ion Ratio Lower Upper

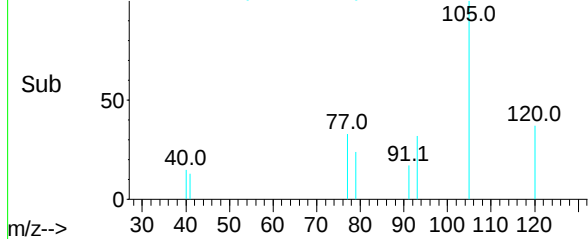
105 100

120 21.7 20.1 30.1

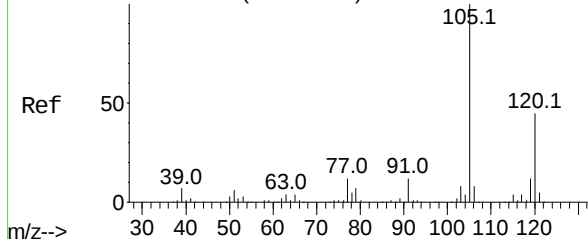
77 17.1 13.8 20.8



Abundance Scan 1732 (12.463 min): VW021190.D\data.ms (-1404) (-)



Abundance Scan 1861 (13.249 min): VW021180.D\data.ms (-1853) (-)



1,2,4-Trimethylbenzene

Concen: 1.379 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021190.D

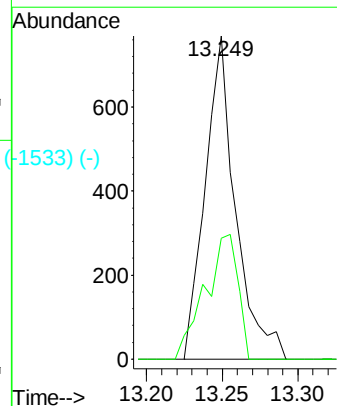
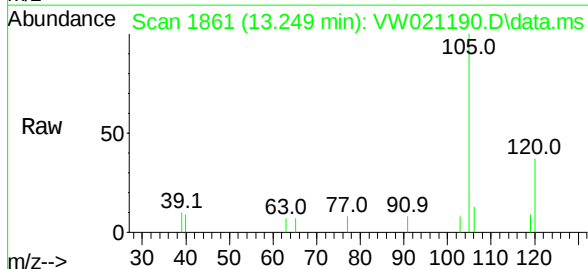
Acq: 07 Dec 2021 00:27

Tgt Ion:105 Resp: 1071

Ion Ratio Lower Upper

105 100

120 41.7 35.0 52.6



Abundance Scan 1861 (13.249 min): VW021190.D\data.ms (-1533) (-)

