

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100422\
 Data File : VW024719.D
 Acq On : 04 Oct 2022 17:07
 Operator : SY/VA
 Sample : N4973-01
 Misc : 4.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 05 07:18:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

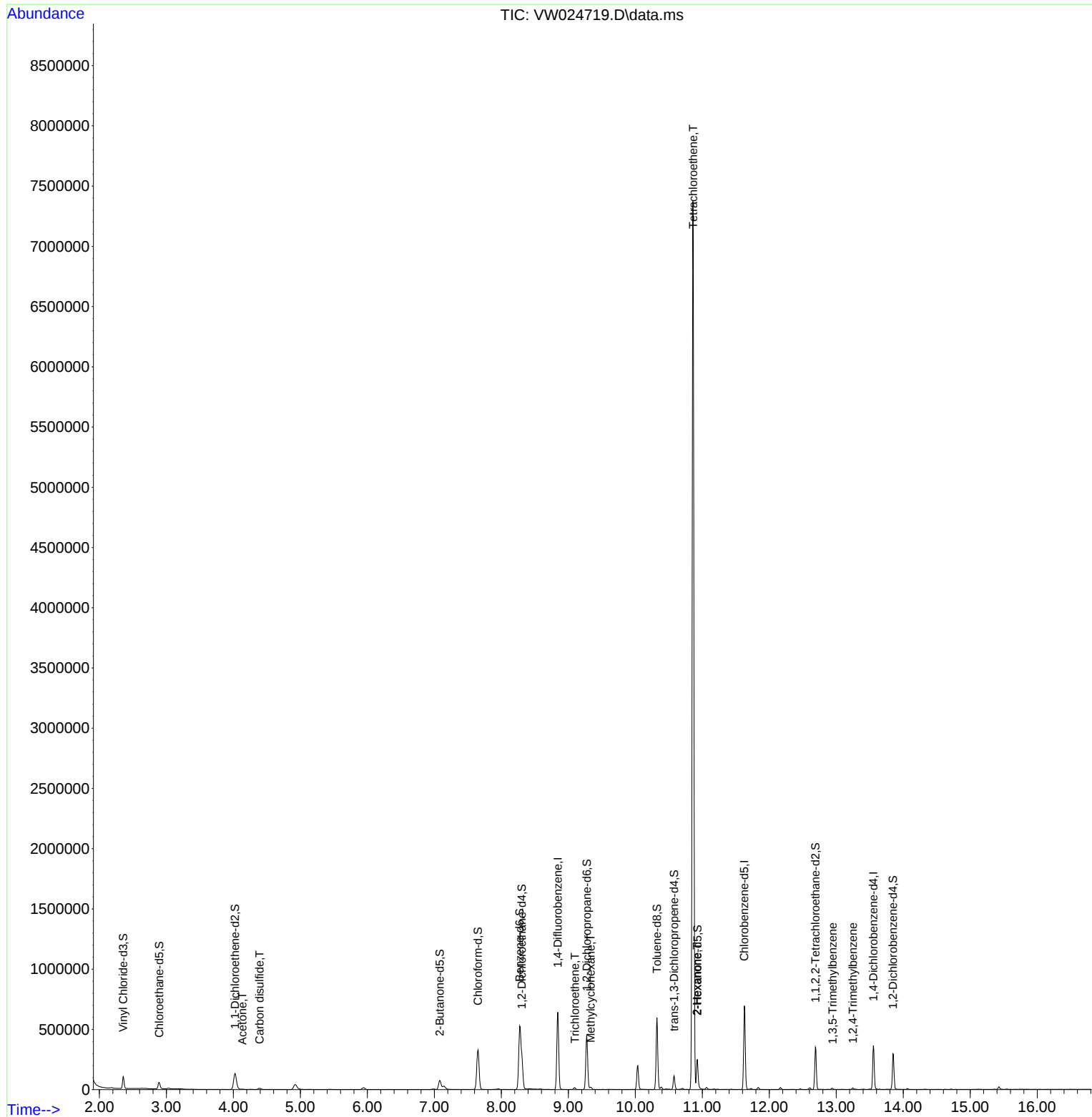
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	531692	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	378572	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	91783	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	94863	17.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.200%
7) Chloroethane-d5	2.892	69	63308	19.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.320%
11) 1,1-Dichloroethene-d2	4.025	63	131420	10.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.840%#
21) 2-Butanone-d5	7.080	46	129038	64.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.040%
24) Chloroform-d	7.653	84	347322	24.435	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.760%
26) 1,2-Dichloroethane-d4	8.305	65	179825	24.388	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.560%
32) Benzene-d6	8.275	84	552340	22.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.320%
36) 1,2-Dichloropropane-d6	9.275	67	217374	29.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.600%
41) Toluene-d8	10.323	98	384724	17.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.160%
43) trans-1,3-Dichloroprop...	10.579	79	62728	19.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.200%
47) 2-Hexanone-d5	10.927	63	88987	70.349	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.700%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	183621	34.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.440%#
66) 1,2-Dichlorobenzene-d4	13.847	152	77051	23.857	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.440%
Target Compounds						Qvalue
13) Acetone	4.135	43	4831	3.311	ug/L	98
14) Carbon disulfide	4.391	76	20338	0.926	ug/L	97
34) Trichloroethene	9.098	95	5100	0.759	ug/L	96
35) Methylcyclohexane	9.336	83	6985	0.567	ug/L	93
46) Tetrachloroethene	10.866	164	1592259	348.946	ug/L	94
48) 2-Hexanone	10.921	43	12821	4.897	ug/L #	66
62) 1,3,5-Trimethylbenzene	12.945	105	4594	0.353	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	7028	0.552	ug/L	99

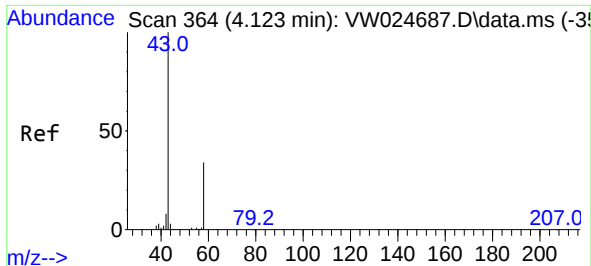
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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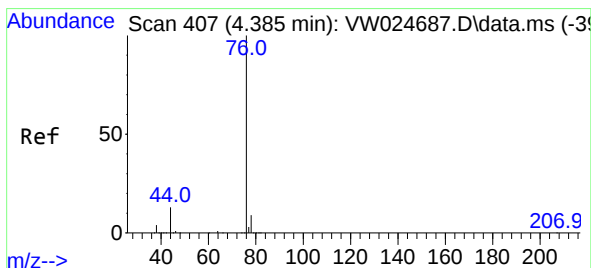
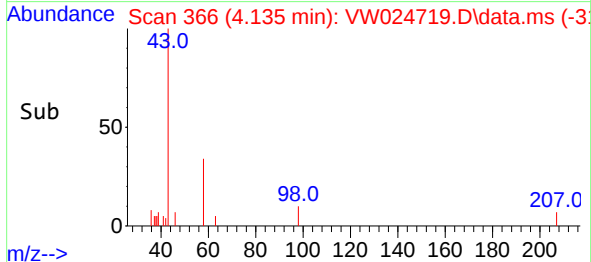
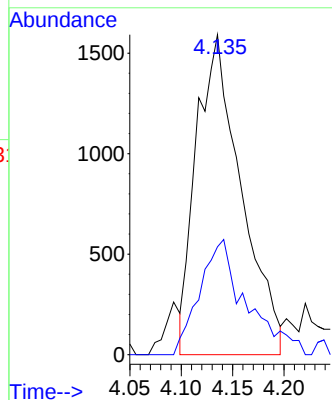
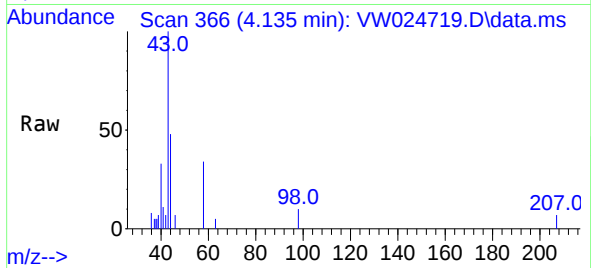




#13
Acetone
Concen: 3.311 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW024719.D
Acq: 04 Oct 2022 17:07

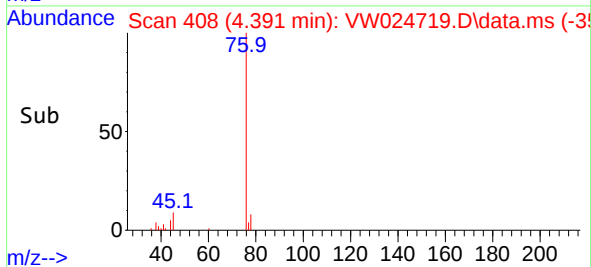
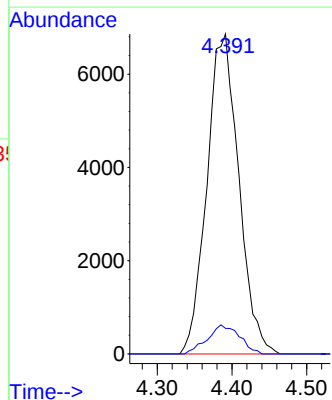
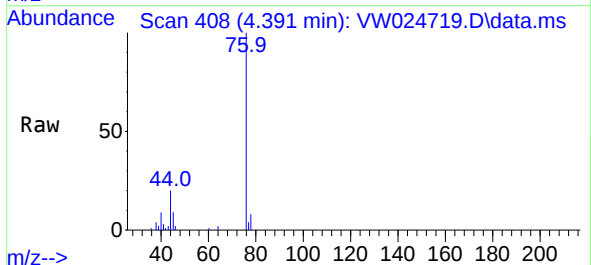
Instrument :
MSVOA_W
ClientSampleId :

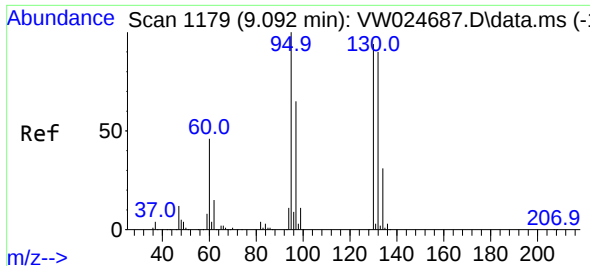
Tgt Ion: 43 Resp: 4831
Ion Ratio Lower Upper
43 100
58 34.7 0.0 67.6



#14
Carbon disulfide
Concen: 0.926 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW024719.D
Acq: 04 Oct 2022 17:07

Tgt Ion: 76 Resp: 20338
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8





#34

Trichloroethene

Concen: 0.759 ug/L

RT: 9.098 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024719.D

Acq: 04 Oct 2022 17:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 5100

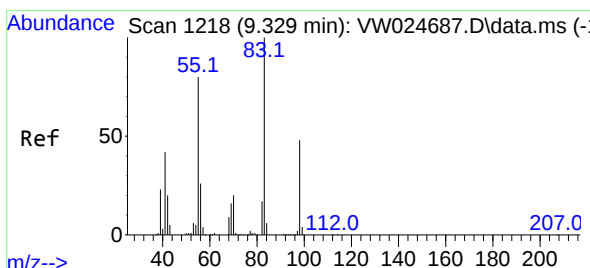
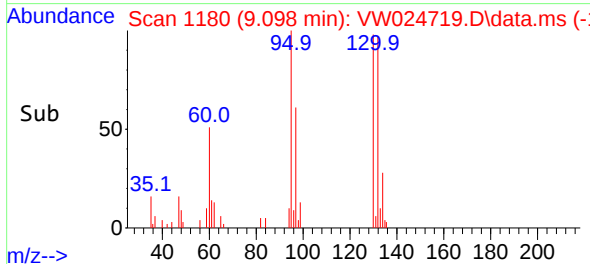
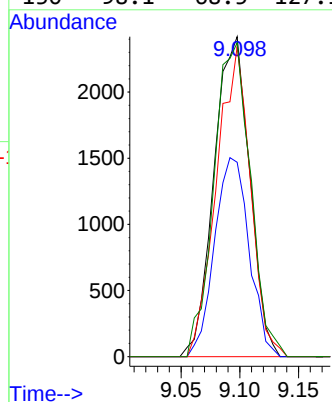
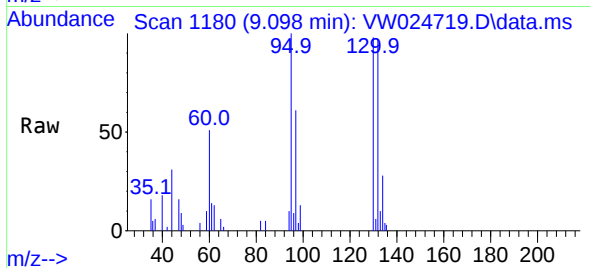
Ion Ratio Lower Upper

95 100

97 60.8 43.5 80.9

132 96.9 61.2 113.8

130 98.1 68.5 127.1



#35

Methylcyclohexane

Concen: 0.567 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024719.D

Acq: 04 Oct 2022 17:07

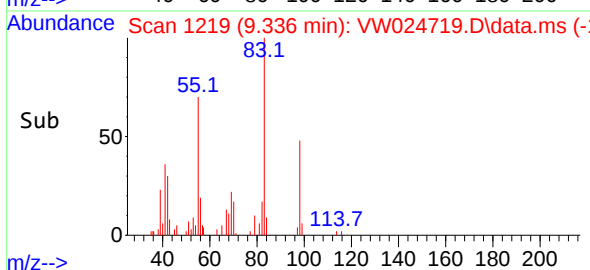
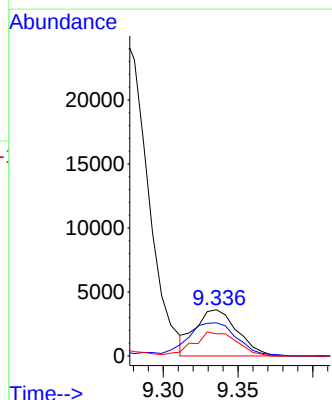
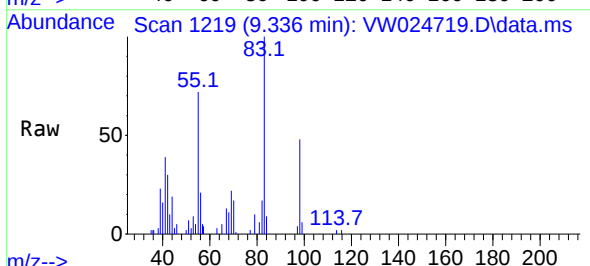
Tgt Ion: 83 Resp: 6985

Ion Ratio Lower Upper

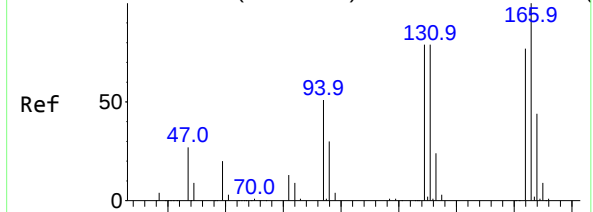
83 100

55 84.0 63.1 94.7

98 53.4 38.3 57.5

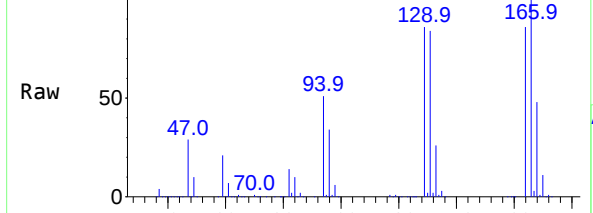


Abundance Scan 1469 (10.860 min): VW024687.D\data.ms (



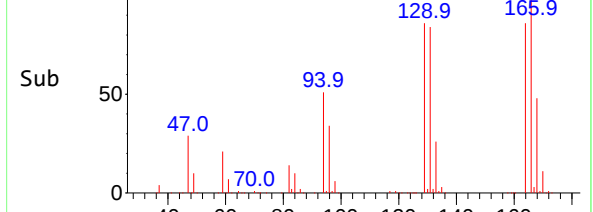
m/z-->

Abundance Scan 1470 (10.866 min): VW024719.D\data.ms



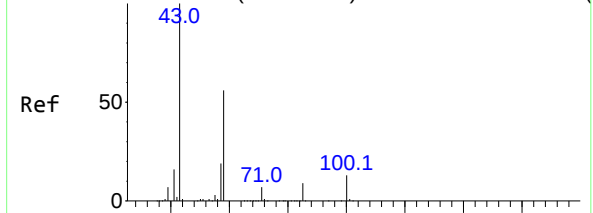
m/z-->

Abundance Scan 1470 (10.866 min): VW024719.D\data.ms (



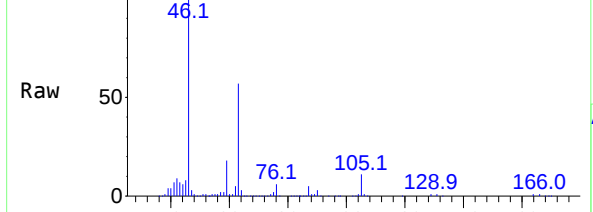
m/z-->

Abundance Scan 1486 (10.963 min): VW024687.D\data.ms (



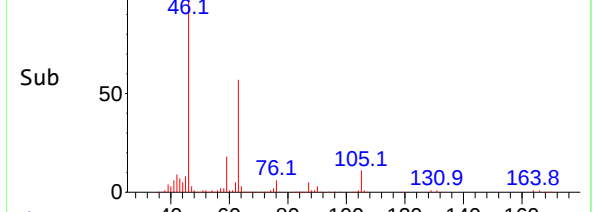
m/z-->

Abundance Scan 1479 (10.921 min): VW024719.D\data.ms



m/z-->

Abundance Scan 1479 (10.921 min): VW024719.D\data.ms (



m/z-->

#46

Tetrachloroethene

Concen: 348.946 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW024719.D

Acq: 04 Oct 2022 17:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:164 Resp: 1592259

Ion Ratio Lower Upper

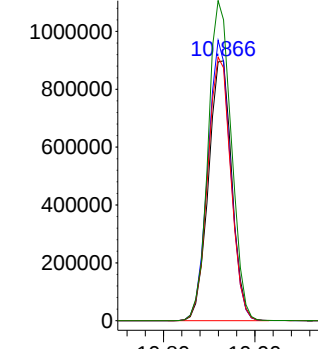
164 100

129 99.8 74.1 137.5

131 97.3 71.5 132.7

166 115.7 76.3 141.7

Abundance



Time-->

#48

2-Hexanone

Concen: 4.897 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.043 min

Lab File: VW024719.D

Acq: 04 Oct 2022 17:07

Tgt Ion: 43 Resp: 12821

Ion Ratio Lower Upper

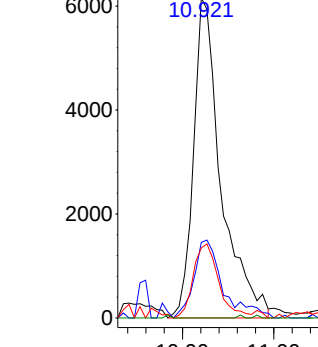
43 100

58 22.6 45.3 67.9#

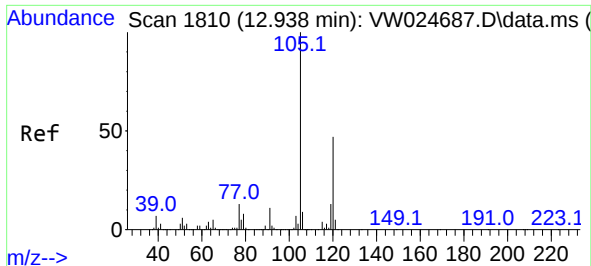
57 21.4 16.3 24.5

100 0.0 10.4 15.6#

Abundance



Time-->



#62

1,3,5-Trimethylbenzene

Concen: 0.353 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW024719.D

Acq: 04 Oct 2022 17:07

Instrument :

MSVOA_W

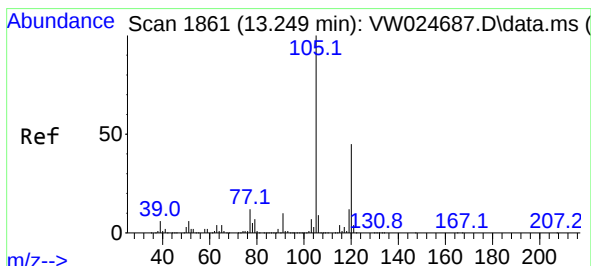
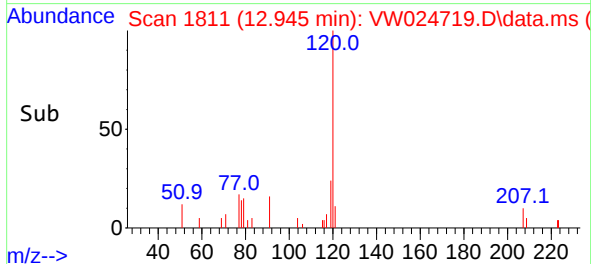
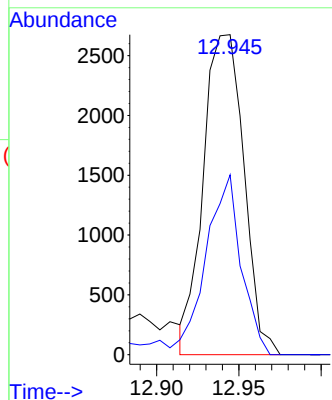
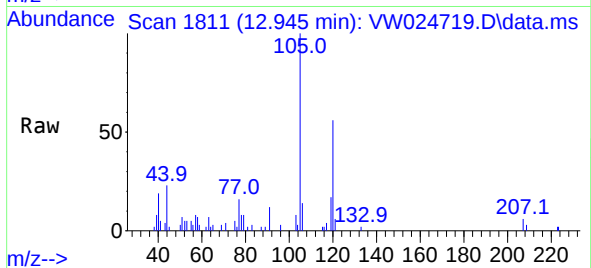
ClientSampleId :

Tgt Ion:105 Resp: 4594

Ion Ratio Lower Upper

105 100

120 48.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 0.552 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024719.D

Acq: 04 Oct 2022 17:07

Tgt Ion:105 Resp: 7028

Ion Ratio Lower Upper

105 100

120 43.3 35.2 52.8

