

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062524\
 Data File : VW029343.D
 Acq On : 25 Jun 2024 11:59
 Operator : SY/MD
 Sample : P3026-01
 Misc : 5.37g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 26 02:26:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 26 02:25:08 2024
 Response via : Initial Calibration

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

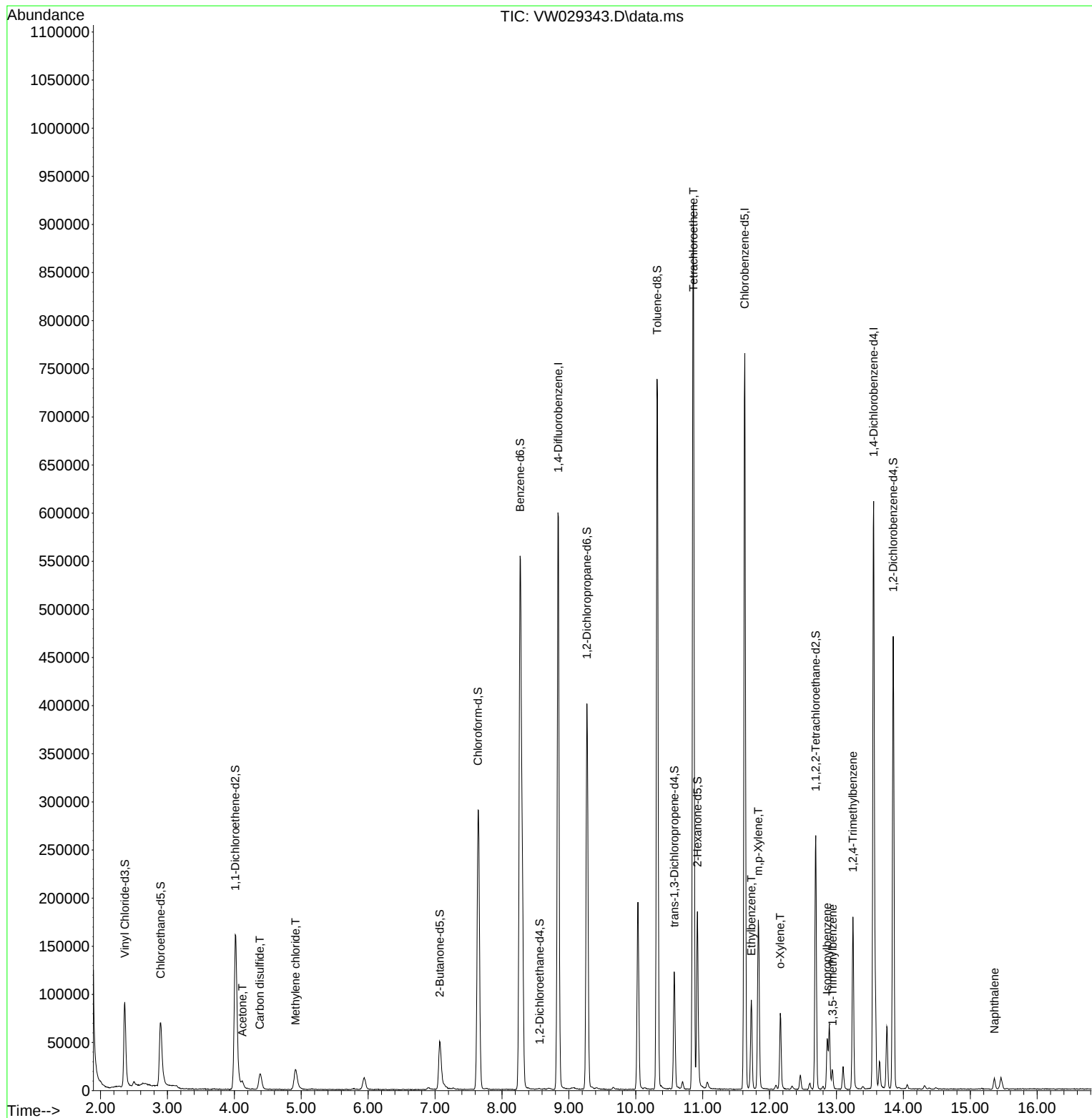
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	456826	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	390919	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	119608	18.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
7) Chloroethane-d5	2.899	69	105514	19.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.040%
11) 1,1-Dichloroethene-d2	4.015	65	58396	19.128	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.520%
21) 2-Butanone-d5	7.069	46	87247	46.120	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.240%
24) Chloroform-d	7.642	84	296189	21.735	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.920%
26) 1,2-Dichloroethane-d4	8.563	65	69	0.009	ug/L	0.26
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.270	84	552056	23.250	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.270	67	182878	24.229	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	10.319	98	473164	22.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.080%
43) trans-1,3-Dichloroprop...	10.575	79	63955	21.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.120%
47) 2-Hexanone-d5	10.922	63	59464	50.256	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130135	21.663	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	113791	21.699	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
13) Acetone	4.119	43	10413	6.477	ug/L	73
14) Carbon disulfide	4.381	76	38238	2.213	ug/L	98
16) Methylene chloride	4.917	84	16966	2.112	ug/L	96
46) Tetrachloroethene	10.861	164	194437	44.386	ug/L	94
52) Ethylbenzene	11.727	91	60653	2.213	ug/L	96
53) m,p-Xylene	11.831	106	52918	5.286	ug/L	98
54) o-Xylene	12.160	106	19070	2.038	ug/L	89
60) Isopropylbenzene	12.861	105	29355	1.458	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	8892	0.610	ug/L	90
63) 1,2,4-Trimethylbenzene	13.245	105	91782	5.851	ug/L	99
71) Naphthalene	15.360	128	8677	0.922	ug/L	97

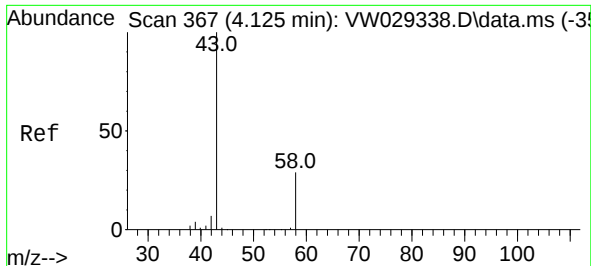
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 26 02:26:39 2024
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Quant Title : SFAM01.0
QLast Update : Wed Jun 26 02:25:08 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.477 ug/L

RT: 4.119 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029343.D

Acq: 25 Jun 2024 11:59

Instrument :

MSVOA_W

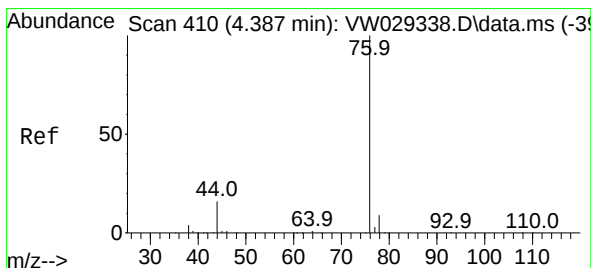
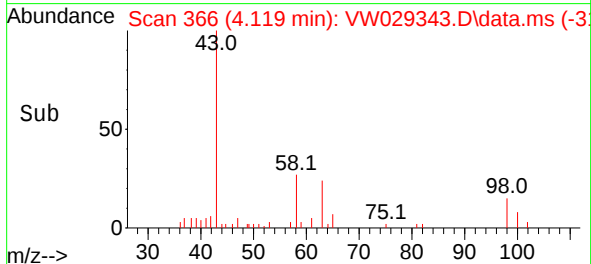
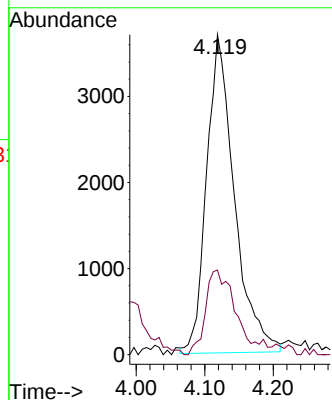
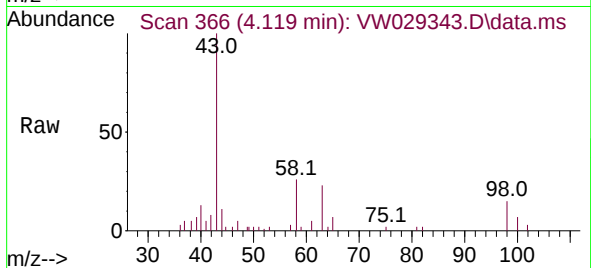
ClientSampleId :

Tgt Ion: 43 Resp: 10413

Ion Ratio Lower Upper

43 100

58 15.8 0.0 61.4



#14

Carbon disulfide

Concen: 2.213 ug/L

RT: 4.381 min Scan# 409

Delta R.T. -0.006 min

Lab File: VW029343.D

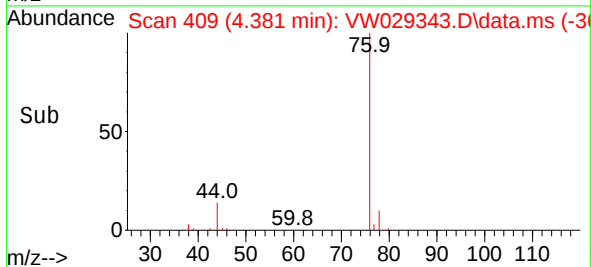
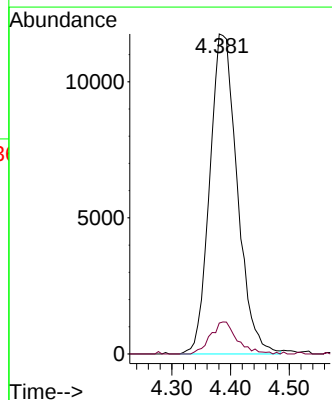
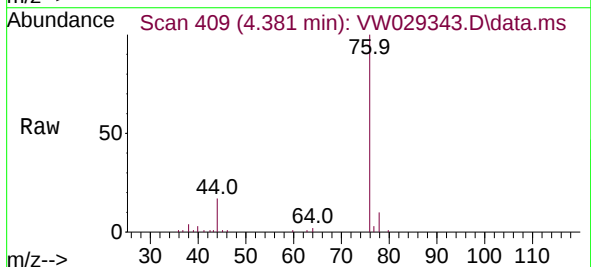
Acq: 25 Jun 2024 11:59

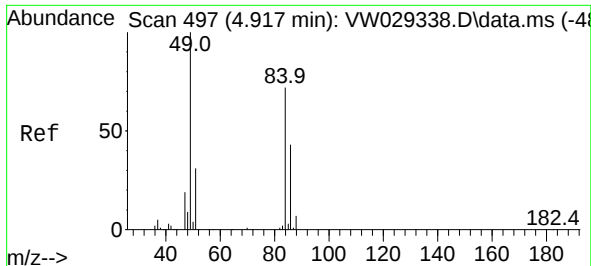
Tgt Ion: 76 Resp: 38238

Ion Ratio Lower Upper

76 100

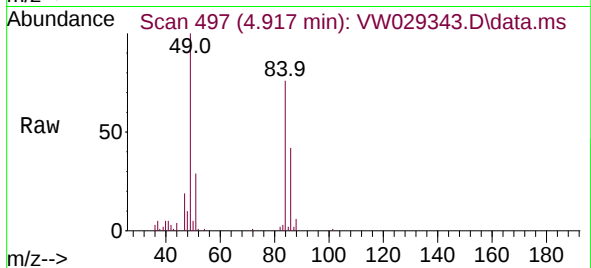
78 9.7 7.2 10.8



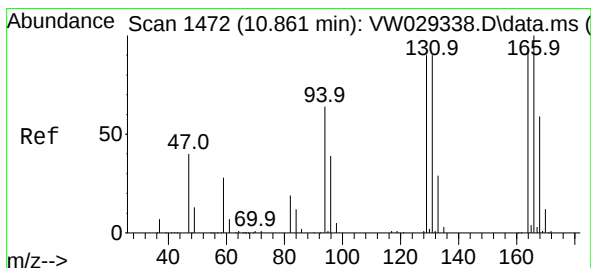
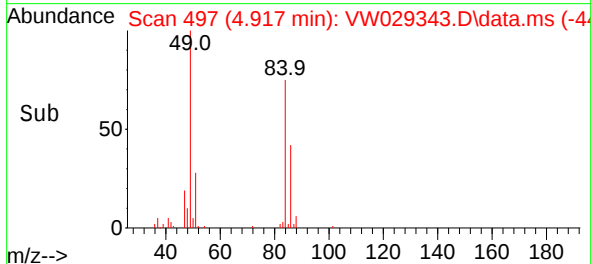
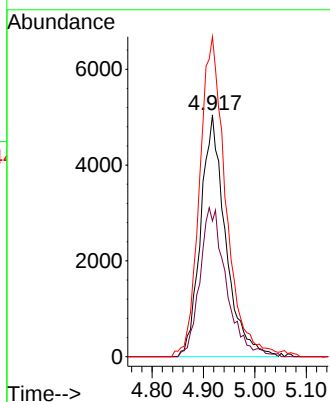


#16
Methylene chloride
Concen: 2.112 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029343.D
Acq: 25 Jun 2024 11:59

Instrument :
MSVOA_W
ClientSampleId :

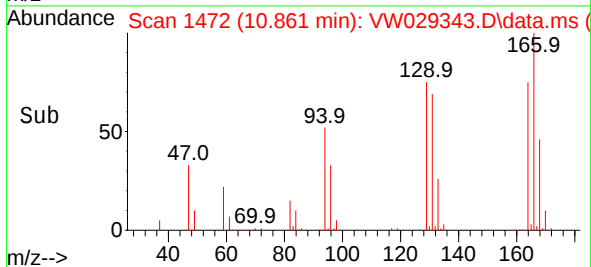
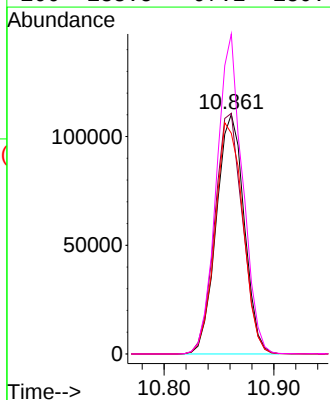
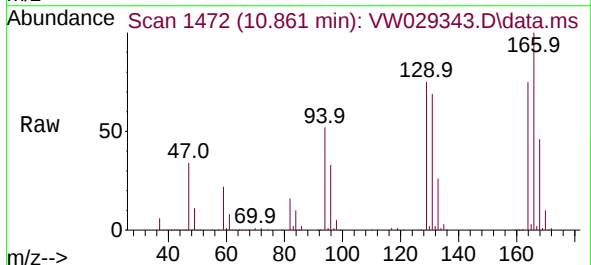


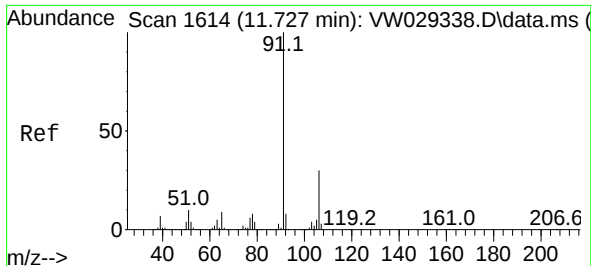
Tgt Ion: 84 Resp: 16966
Ion Ratio Lower Upper
84 100
86 56.1 41.4 77.0
49 132.4 95.7 177.7



#46
Tetrachloroethene
Concen: 44.386 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029343.D
Acq: 25 Jun 2024 11:59

Tgt Ion:164 Resp: 194437
Ion Ratio Lower Upper
164 100
129 100.4 68.5 127.3
131 92.1 71.8 133.4
166 133.5 97.2 180.4





#52

Ethylbenzene

Concen: 2.213 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029343.D

Acq: 25 Jun 2024 11:59

Instrument :

MSVOA_W

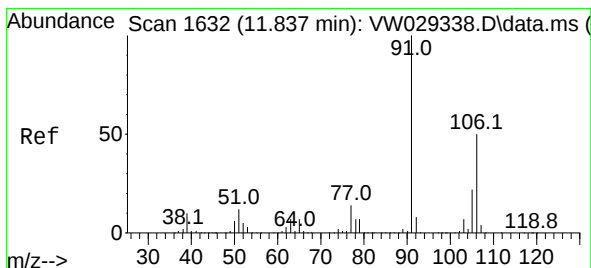
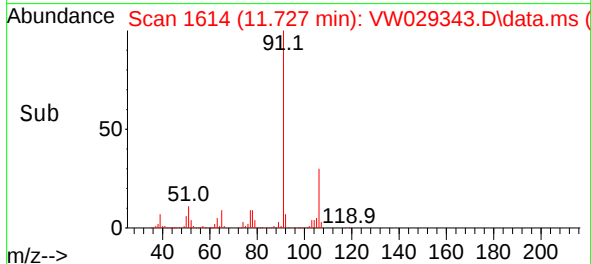
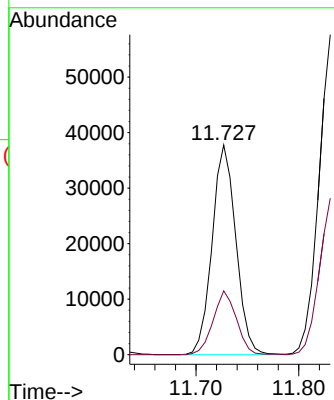
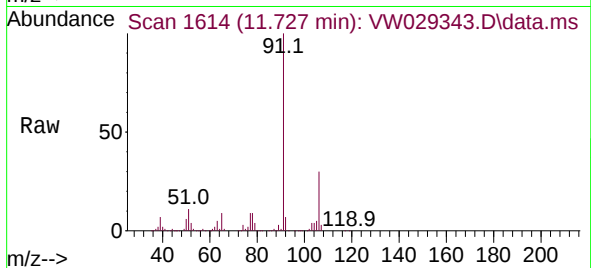
ClientSampleId :

Tgt Ion: 91 Resp: 60653

Ion Ratio Lower Upper

91 100

106 30.4 19.9 37.0



#53

m,p-Xylene

Concen: 5.286 ug/L

RT: 11.831 min Scan# 1631

Delta R.T. -0.006 min

Lab File: VW029343.D

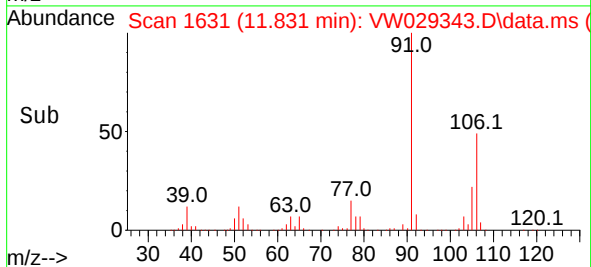
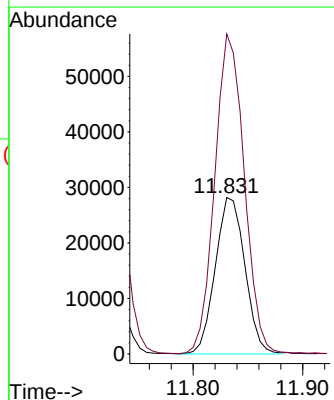
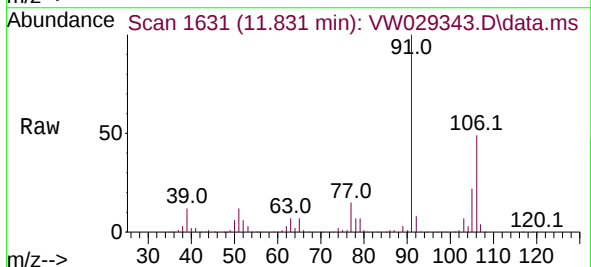
Acq: 25 Jun 2024 11:59

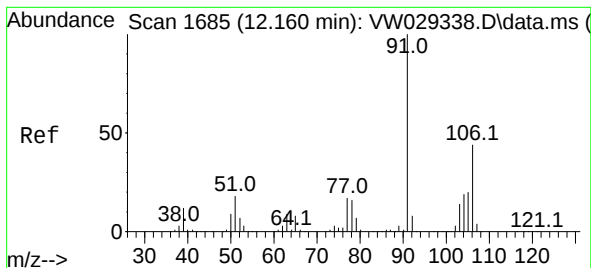
Tgt Ion: 106 Resp: 52918

Ion Ratio Lower Upper

106 100

91 204.4 140.5 260.9





#54

o-Xylene

Concen: 2.038 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029343.D

Acq: 25 Jun 2024 11:59

Instrument :

MSVOA_W

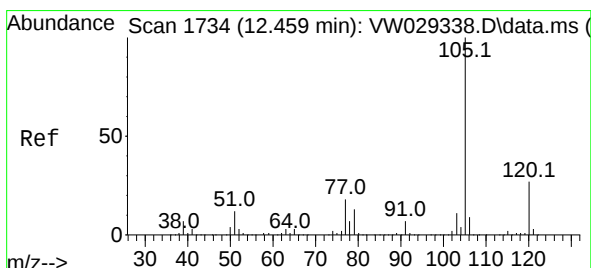
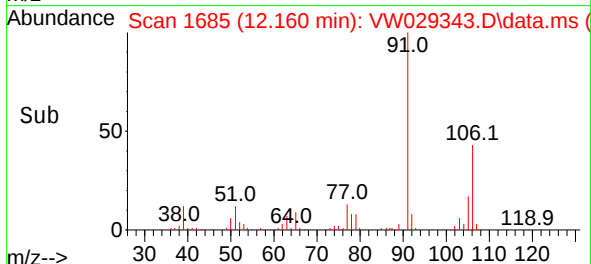
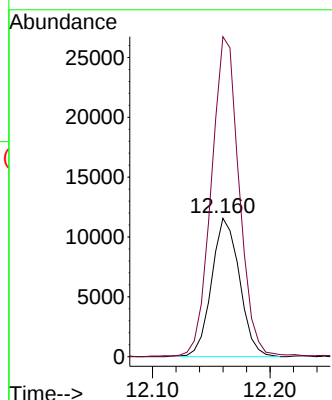
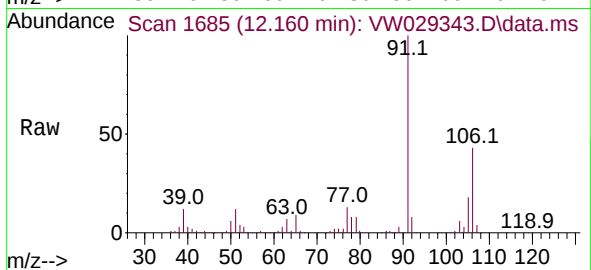
ClientSampleId :

Tgt Ion:106 Resp: 19070

Ion Ratio Lower Upper

106 100

91 231.2 149.9 278.5



#60

Isopropylbenzene

Concen: 1.458 ug/L

RT: 12.861 min Scan# 1800

Delta R.T. 0.402 min

Lab File: VW029343.D

Acq: 25 Jun 2024 11:59

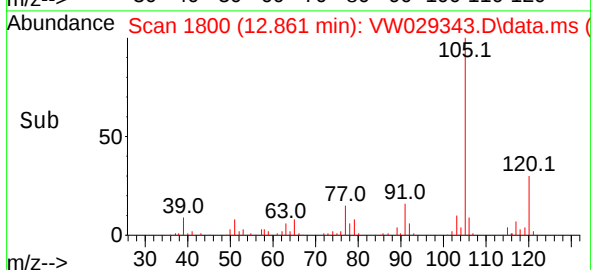
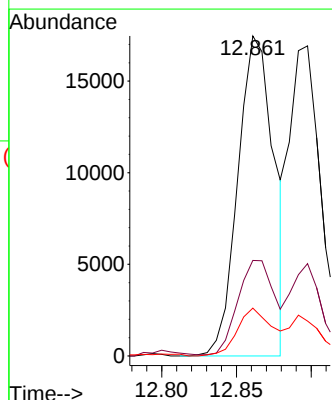
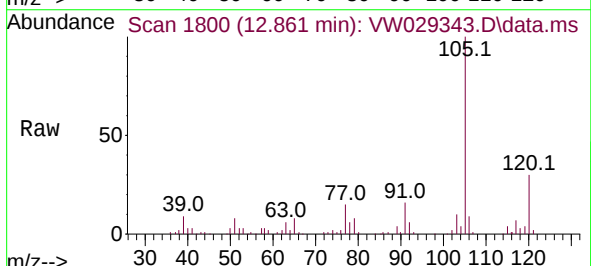
Tgt Ion:105 Resp: 29355

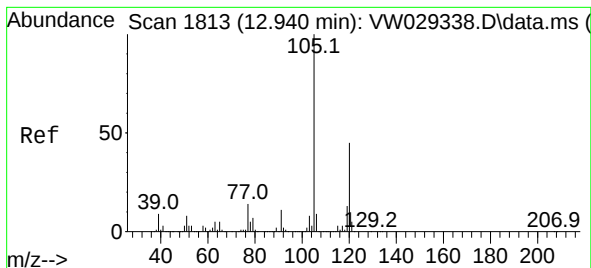
Ion Ratio Lower Upper

105 100

120 30.3 20.5 30.7

77 14.4 13.6 20.4

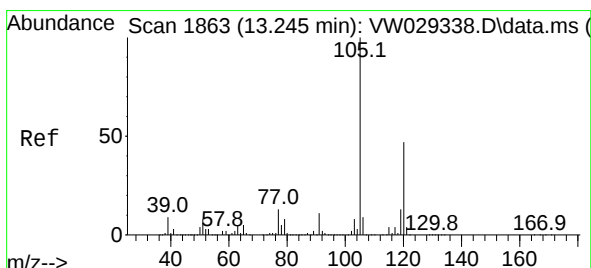
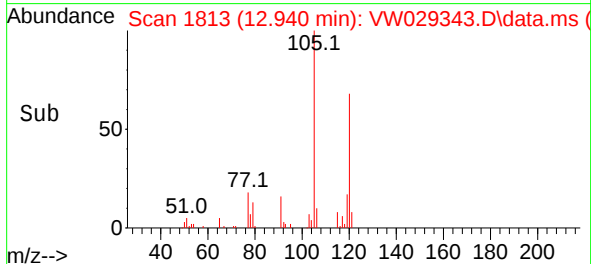
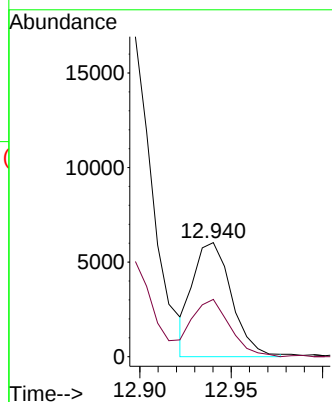
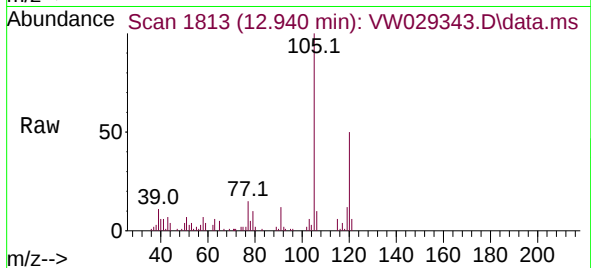




#62
1,3,5-Trimethylbenzene
Concen: 0.610 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029343.D
Acq: 25 Jun 2024 11:59

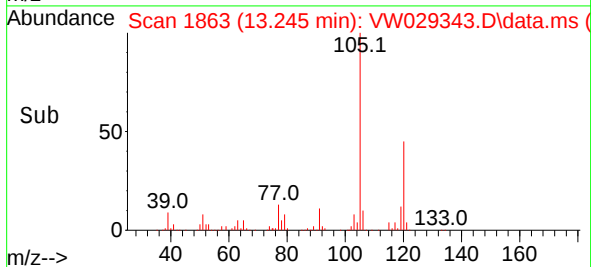
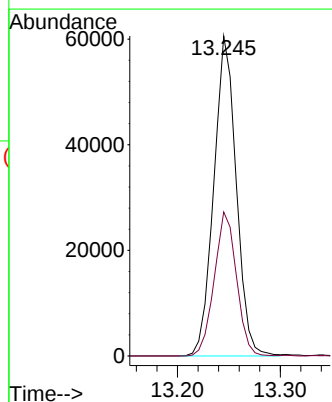
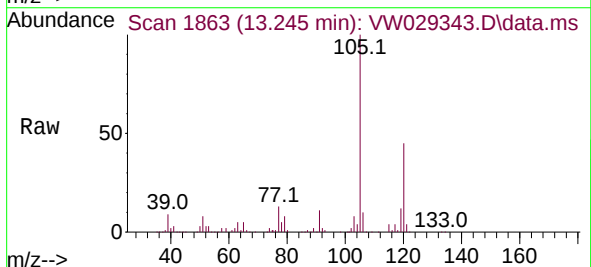
Instrument :
MSVOA_W
ClientSampleId :

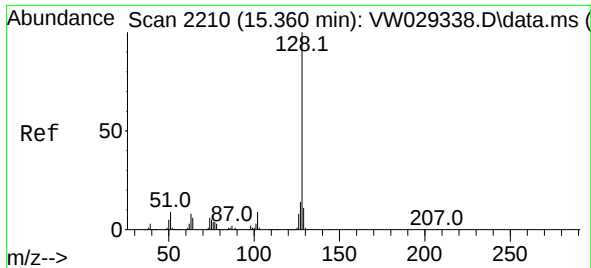
Tgt Ion:105 Resp: 8892
Ion Ratio Lower Upper
105 100
120 51.8 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 5.851 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029343.D
Acq: 25 Jun 2024 11:59

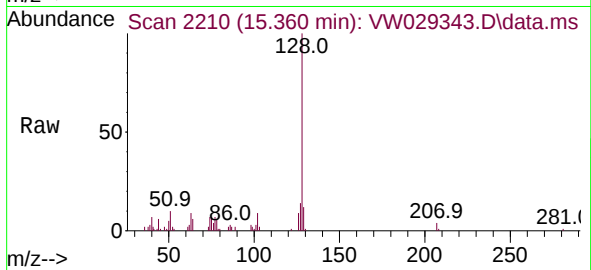
Tgt Ion:105 Resp: 91782
Ion Ratio Lower Upper
105 100
120 44.5 34.9 52.3





#71
Naphthalene
Concen: 0.922 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029343.D
Acq: 25 Jun 2024 11:59

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 8677
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 11.7 8.9 13.3

