

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026499.D
 Acq On : 01 Jul 2023 02:48
 Operator : SY/MD
 Sample : 03444-21
 Misc : 4.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Y2

Quant Time: Jul 03 01:15:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

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

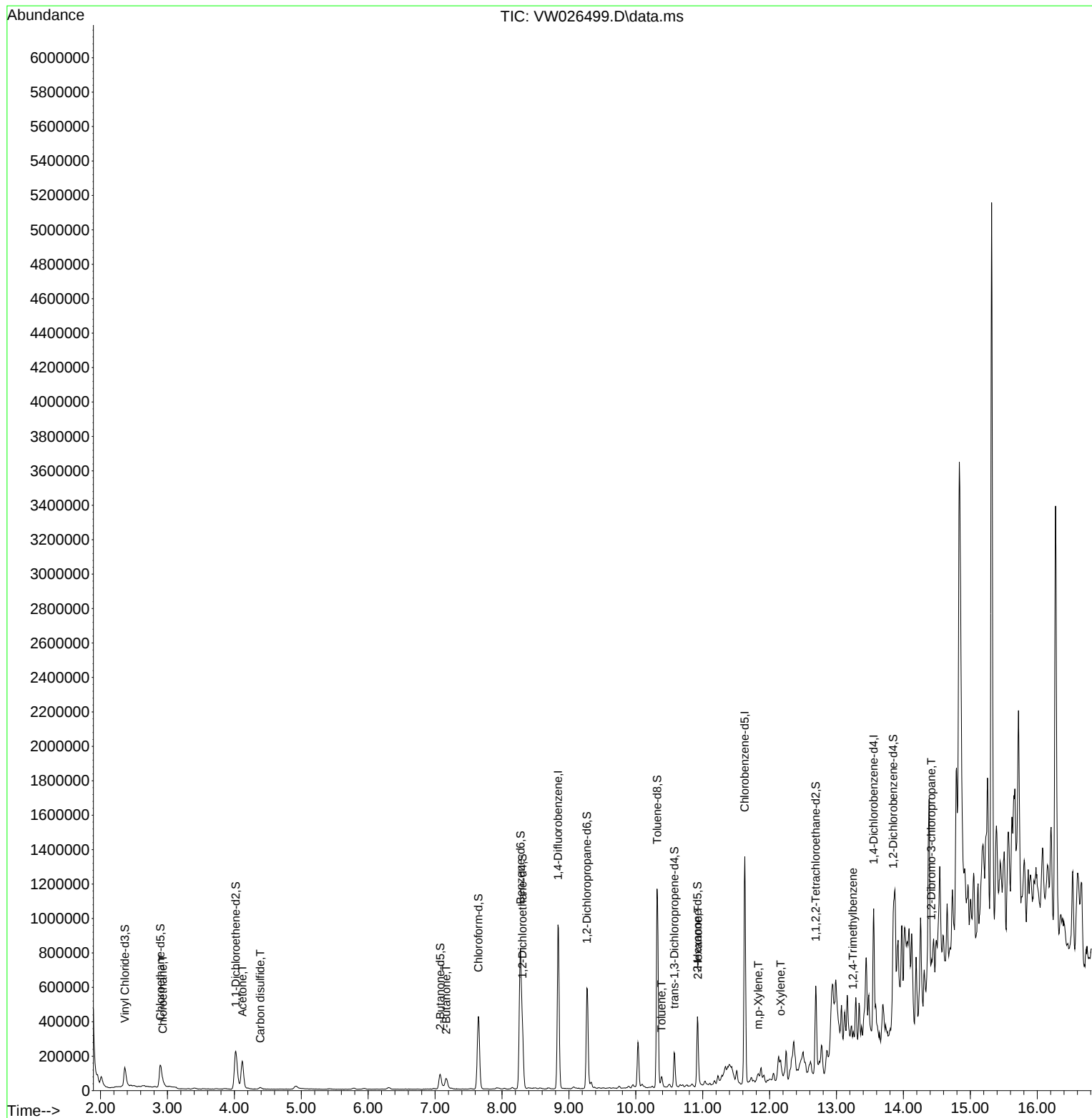
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	729100	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	682064	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	184809	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	178288	21.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.920%
7) Chloroethane-d5	2.893	69	199382	29.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.000%
11) 1,1-Dichloroethene-d2	4.021	65	88339	21.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.080%
21) 2-Butanone-d5	7.075	46	153019	48.774	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
24) Chloroform-d	7.648	84	413474	23.266	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	8.307	65	259056	26.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.680%
32) Benzene-d6	8.276	84	786645	19.831	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.320%
36) 1,2-Dichloropropane-d6	9.270	67	259033	20.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.960%
41) Toluene-d8	10.319	98	757010	21.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	10.575	79	107702	21.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.520%
47) 2-Hexanone-d5	10.922	63	134002	63.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	224742	23.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	138823	21.573	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.280%
Target Compounds						Qvalue
8) Chloroethane	2.930	64	17433	2.781	ug/L	95
13) Acetone	4.119	43	229778	103.678	ug/L	92
14) Carbon disulfide	4.387	76	17598	0.666	ug/L #	91
22) 2-Butanone	7.167	43	105625	29.069	ug/L	93
42) Toluene	10.386	91	43237	0.989	ug/L	96
48) 2-Hexanone	10.928	43	31525	6.033	ug/L #	52
53) m,p-Xylene	11.831	106	12962	0.711	ug/L	93
54) o-Xylene	12.166	106	22214	1.314	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	55568	2.654	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.415	75	1094	1.182	ug/L #	63

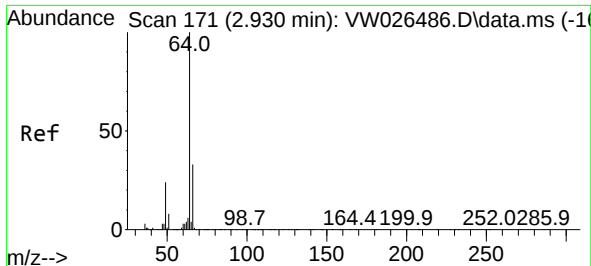
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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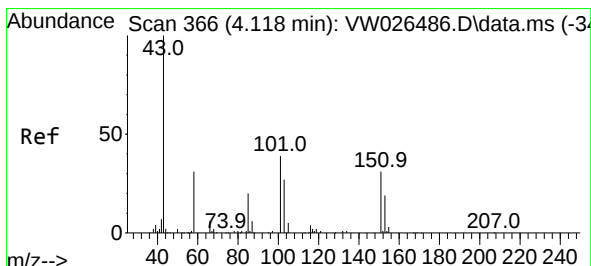
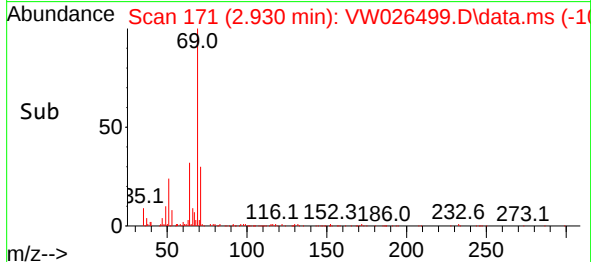
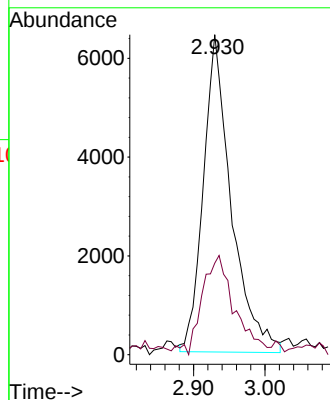
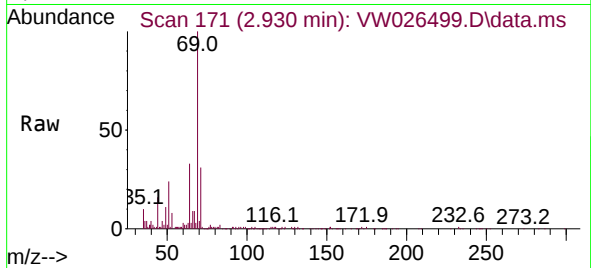




#8
Chloroethane
Concen: 2.781 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026499.D
Acq: 01 Jul 2023 02:48

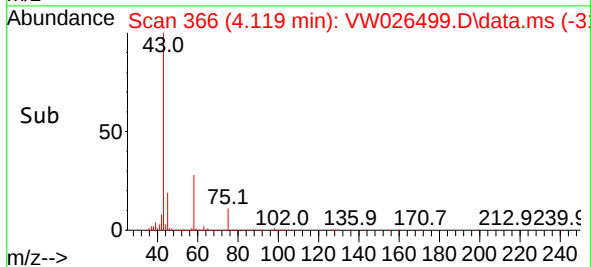
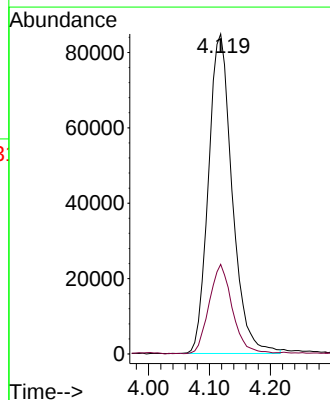
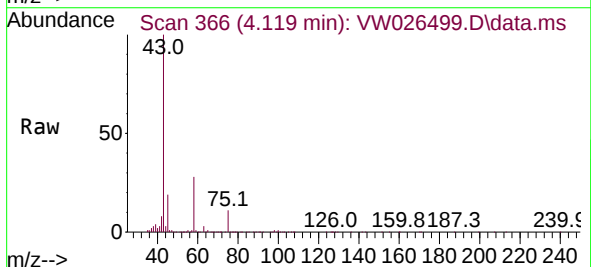
Instrument :
MSVOA_W
ClientSampleId :
A46Y2

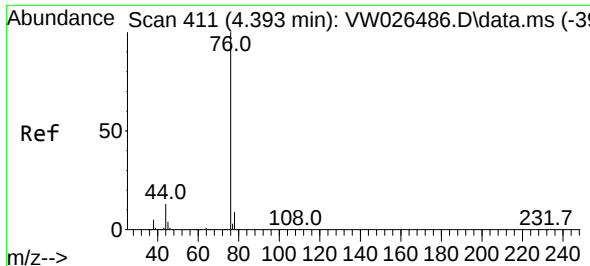
Tgt Ion: 64 Resp: 17433
Ion Ratio Lower Upper
64 100
66 28.6 22.1 41.1



#13
Acetone
Concen: 103.678 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026499.D
Acq: 01 Jul 2023 02:48

Tgt Ion: 43 Resp: 229778
Ion Ratio Lower Upper
43 100
58 27.3 0.0 63.2

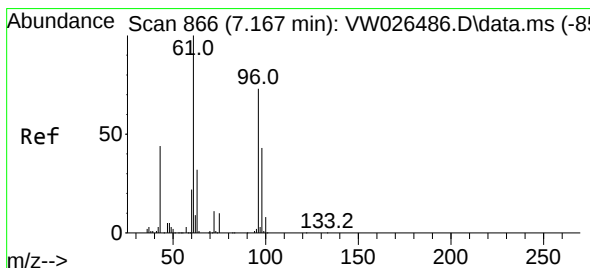
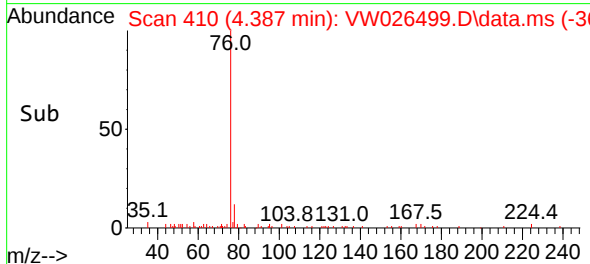
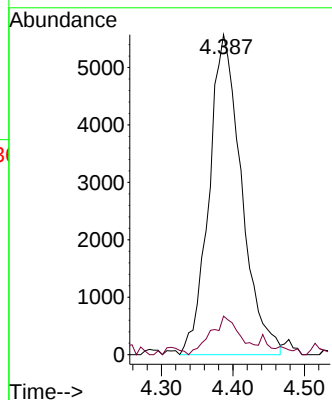
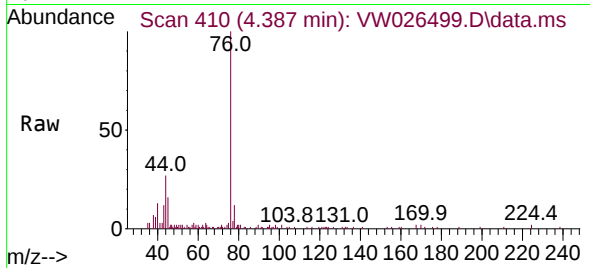




#14
Carbon disulfide
Concen: 0.666 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026499.D
Acq: 01 Jul 2023 02:48

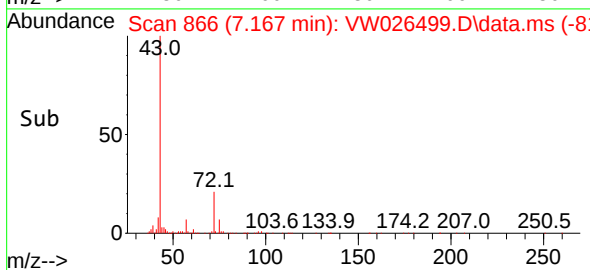
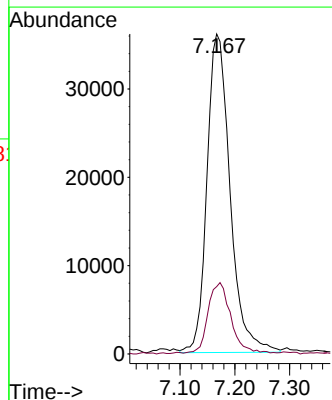
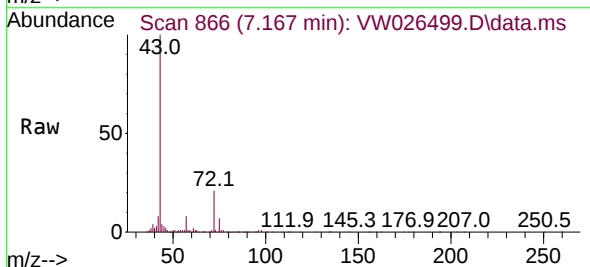
Instrument :
MSVOA_W
ClientSampleId :
A46Y2

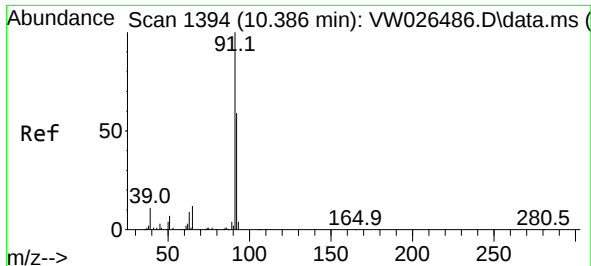
Tgt Ion: 76 Resp: 17598
Ion Ratio Lower Upper
76 100
78 12.0 7.1 10.7#



#22
2-Butanone
Concen: 29.069 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026499.D
Acq: 01 Jul 2023 02:48

Tgt Ion: 43 Resp: 105625
Ion Ratio Lower Upper
43 100
72 21.4 12.6 37.8

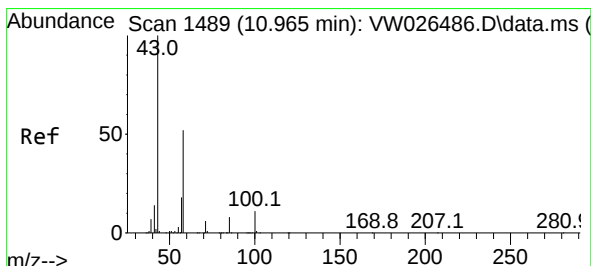
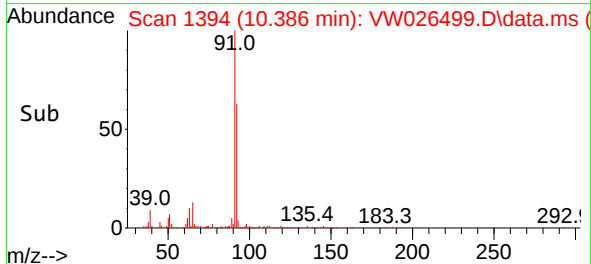
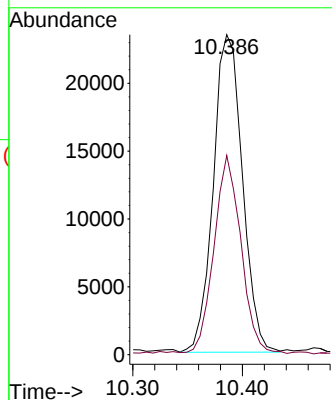
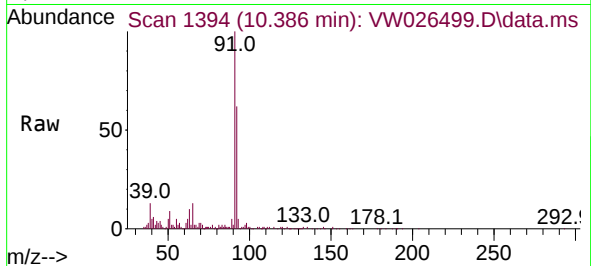




#42
Toluene
Concen: 0.989 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026499.D
Acq: 01 Jul 2023 02:48

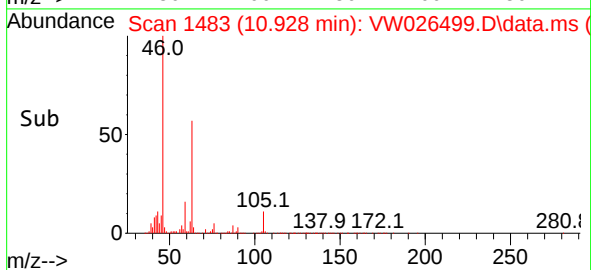
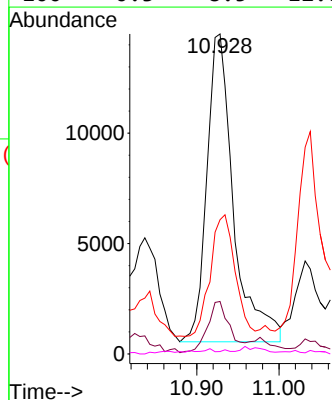
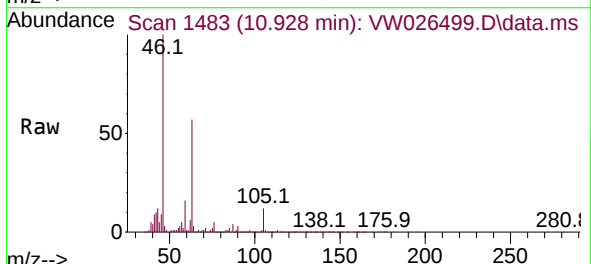
Instrument :
MSVOA_W
ClientSampleId :
A46Y2

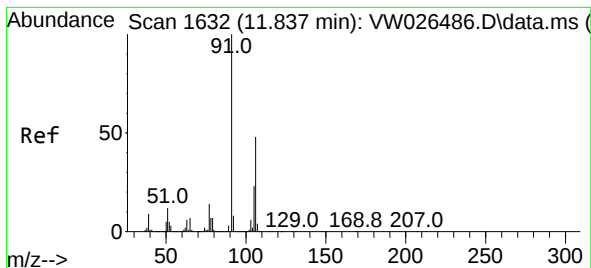
Tgt Ion: 91 Resp: 43237
Ion Ratio Lower Upper
91 100
92 62.3 41.4 76.8



#48
2-Hexanone
Concen: 6.033 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.037 min
Lab File: VW026499.D
Acq: 01 Jul 2023 02:48

Tgt Ion: 43 Resp: 31525
Ion Ratio Lower Upper
43 100
58 13.9 42.1 63.1#
57 36.7 14.5 21.7#
100 0.3 8.5 12.7#





#53

m,p-Xylene

Concen: 0.711 ug/L

RT: 11.831 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026499.D

Acq: 01 Jul 2023 02:48

Instrument :

MSVOA_W

ClientSampleId :

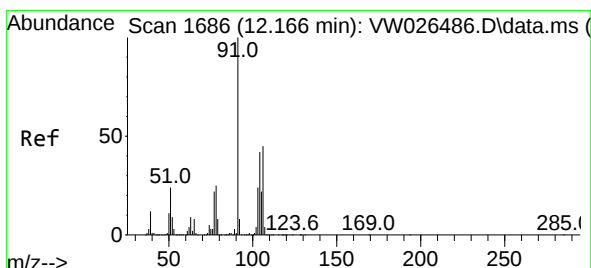
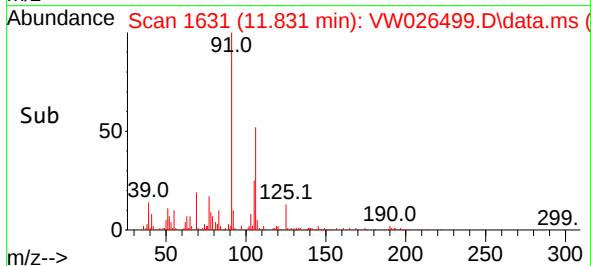
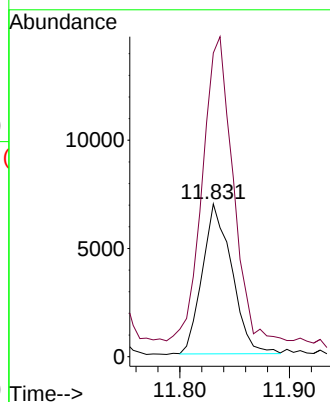
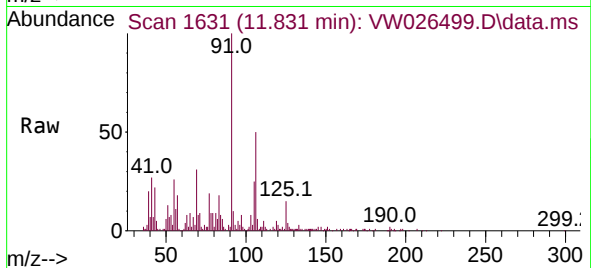
A46Y2

Tgt Ion:106 Resp: 12962

Ion Ratio Lower Upper

106 100

91 198.8 146.7 272.5



#54

o-Xylene

Concen: 1.314 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW026499.D

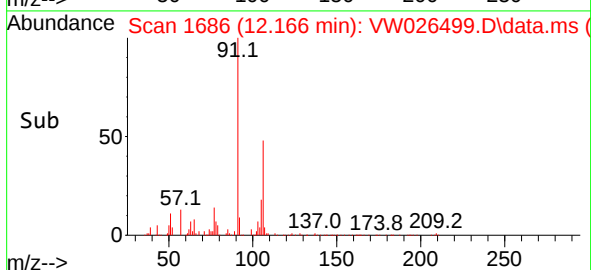
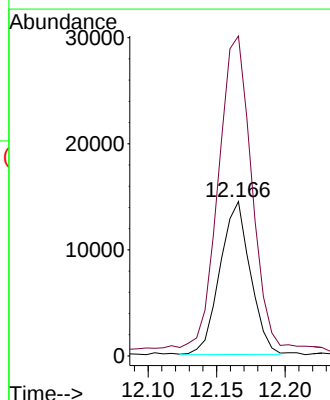
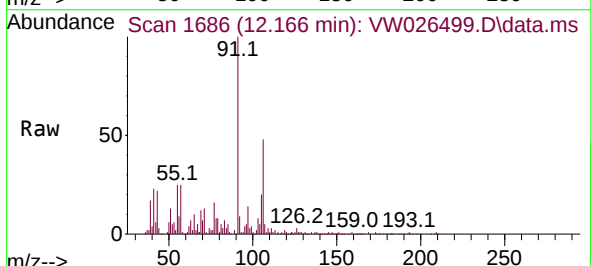
Acq: 01 Jul 2023 02:48

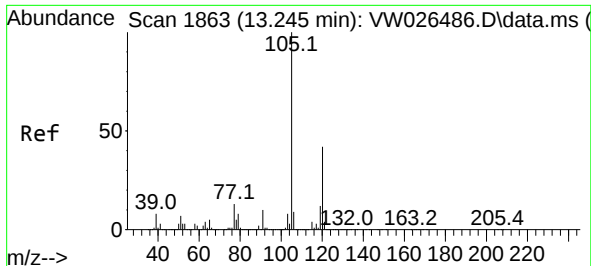
Tgt Ion:106 Resp: 22214

Ion Ratio Lower Upper

106 100

91 207.2 145.5 270.1

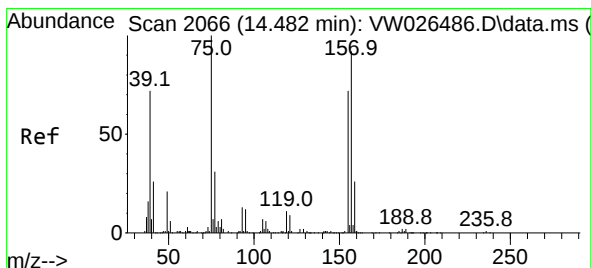
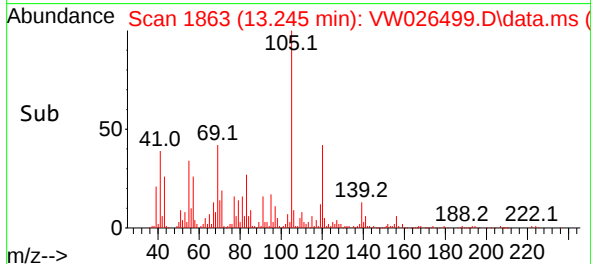
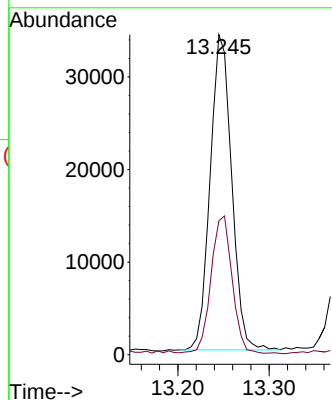
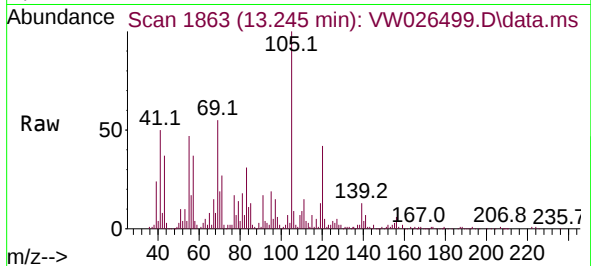




#63
1,2,4-Trimethylbenzene
Concen: 2.654 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026499.D
Acq: 01 Jul 2023 02:48

Instrument :
MSVOA_W
ClientSampleId :
A46Y2

Tgt Ion:105 Resp: 55568
Ion Ratio Lower Upper
105 100
120 42.6 36.0 54.0



#68
1,2-Dibromo-3-chloropropane
Concen: 1.182 ug/L
RT: 14.415 min Scan# 2055
Delta R.T. -0.067 min
Lab File: VW026499.D
Acq: 01 Jul 2023 02:48

Tgt Ion: 75 Resp: 1094
Ion Ratio Lower Upper
75 100
155 69.8 58.5 87.7
157 36.0 77.4 116.2#

