

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
 Data File : VW027483.D
 Acq On : 31 Oct 2023 14:14
 Operator : SY/MD
 Sample : 05174-05
 Misc : 5.63g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 01:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

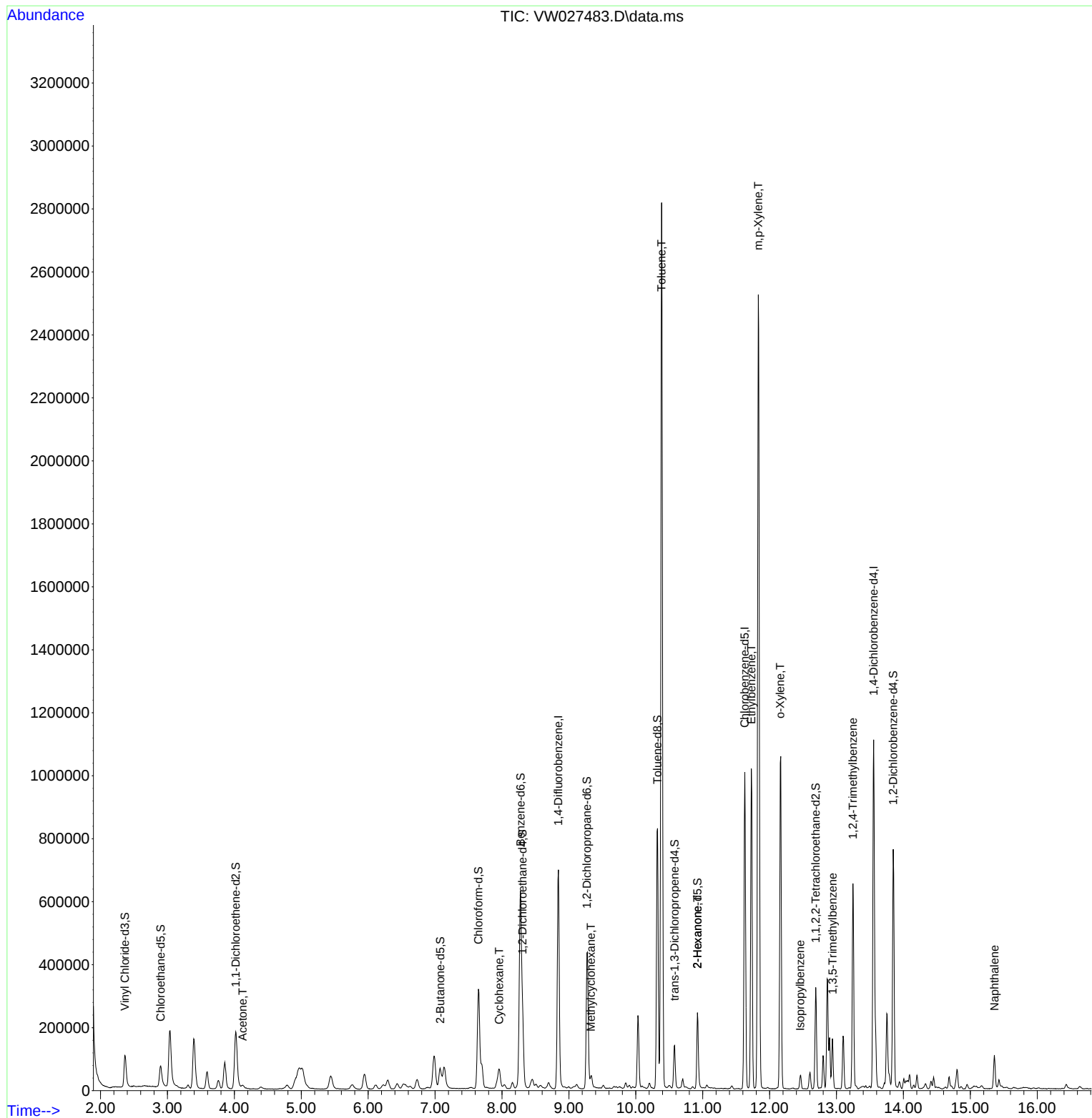
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	561862	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	517037	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	272253	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	112358	13.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.400%
7) Chloroethane-d5	2.899	69	98658	16.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.080%
11) 1,1-Dichloroethene-d2	4.021	65	64500	15.012	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.040%
21) 2-Butanone-d5	7.075	46	107363	37.670	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.340%
24) Chloroform-d	7.648	84	319677	19.090	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.360%
26) 1,2-Dichloroethane-d4	8.307	65	171448	19.059	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.240%
32) Benzene-d6	8.276	84	631623	18.056	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.240%
36) 1,2-Dichloropropane-d6	9.270	67	214924	20.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.480%
41) Toluene-d8	10.325	98	541269	17.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.240%
43) trans-1,3-Dichloroprop...	10.581	79	74004	15.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.760%
47) 2-Hexanone-d5	10.922	63	80923	36.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	162377	20.369	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.480%
66) 1,2-Dichlorobenzene-d4	13.849	152	184326	18.683	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.720%#
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	13737	5.580	ug/L	86
29) Cyclohexane	7.959	56	39190	2.496	ug/L	95
35) Methylcyclohexane	9.331	83	14368	0.900	ug/L #	81
42) Toluene	10.386	91	1963754	55.399	ug/L	98
48) 2-Hexanone	10.922	43	11271	2.424	ug/L #	71
52) Ethylbenzene	11.727	91	701703	17.035	ug/L	96
53) m,p-Xylene	11.831	106	759157	48.591	ug/L	94
54) o-Xylene	12.160	106	276890	18.507	ug/L	99
60) Isopropylbenzene	12.459	105	27038	0.632	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	81091	2.273	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	351587	10.072	ug/L	99
71) Naphthalene	15.360	128	85588	4.343	ug/L	98

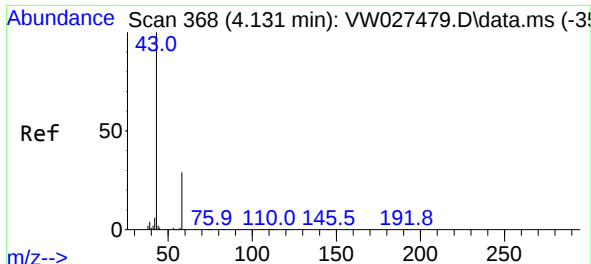
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 27 01:27:32 2023
Response via : Initial Calibration

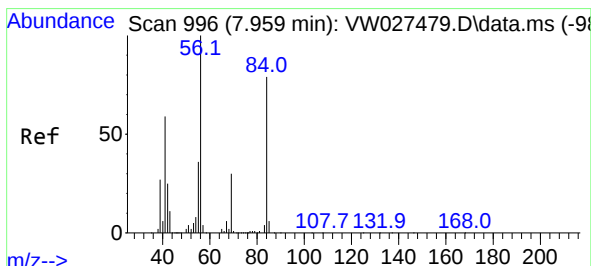
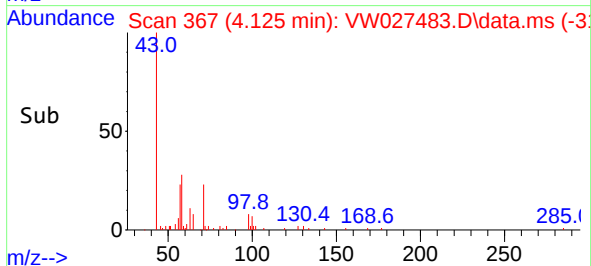
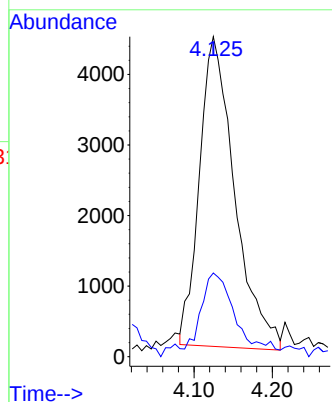
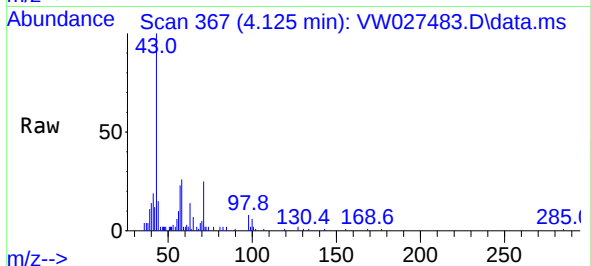




#13
Acetone
Concen: 5.580 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

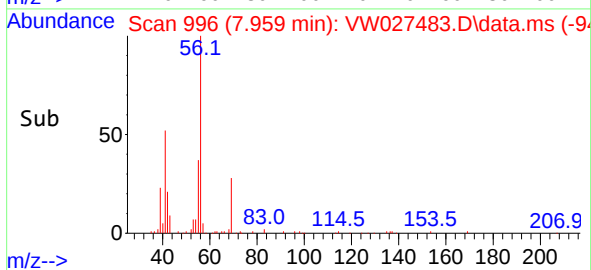
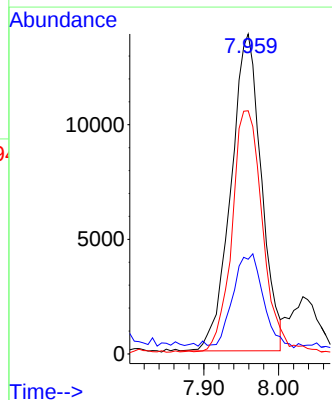
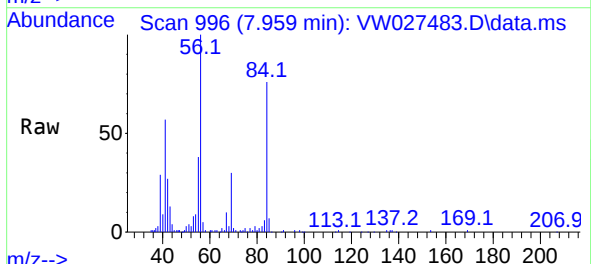
Instrument :
MSVOA_W
ClientSampleId :

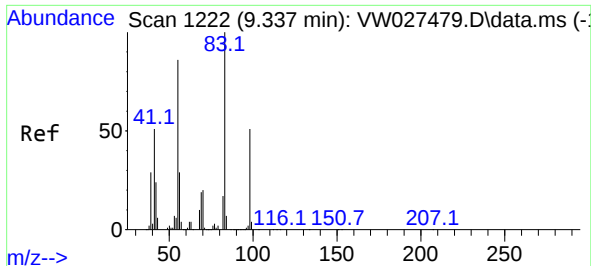
Tgt Ion: 43 Resp: 13737
Ion Ratio Lower Upper
43 100
58 22.9 0.0 60.8



#29
Cyclohexane
Concen: 2.496 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

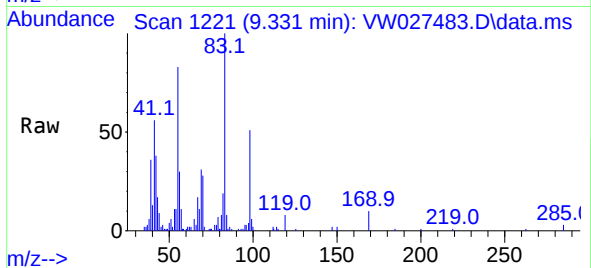
Tgt Ion: 56 Resp: 39190
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.4
84 75.4 65.1 97.7



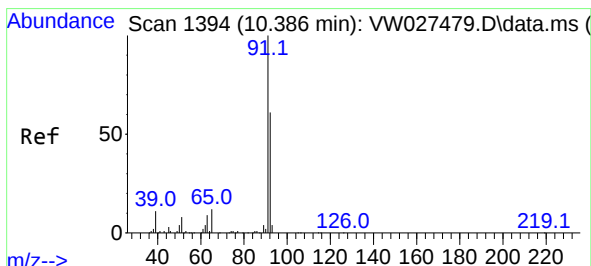
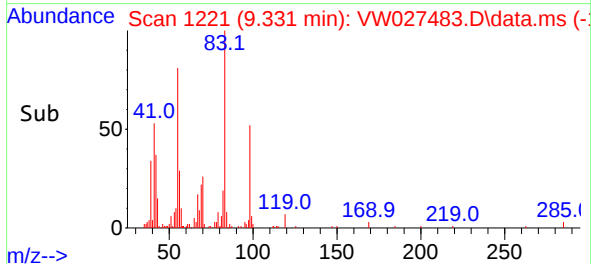
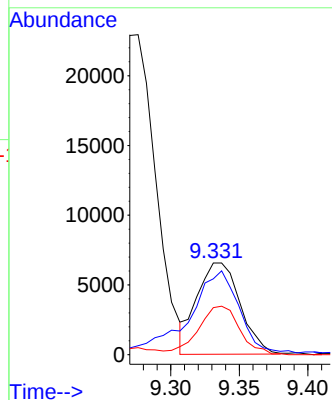


#35
Methylcyclohexane
Concen: 0.900 ug/L
RT: 9.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

Instrument :
MSVOA_W
ClientSampleId :

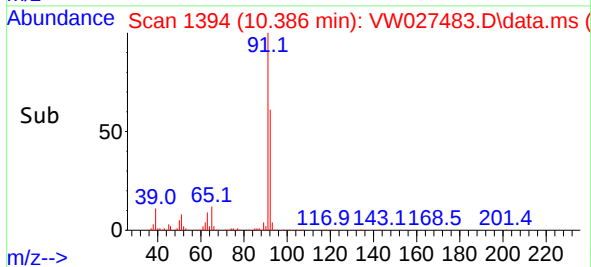
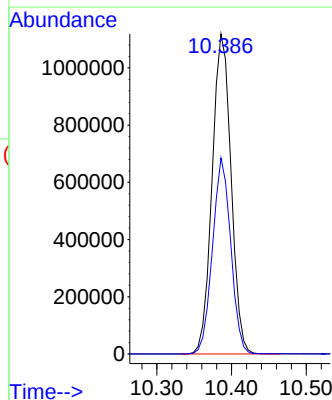
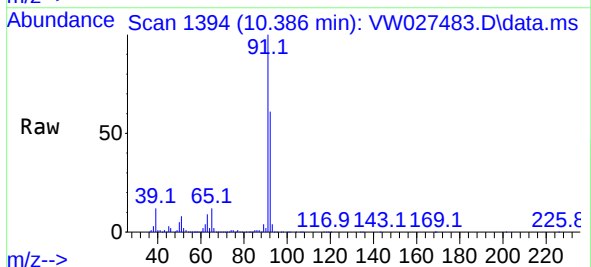


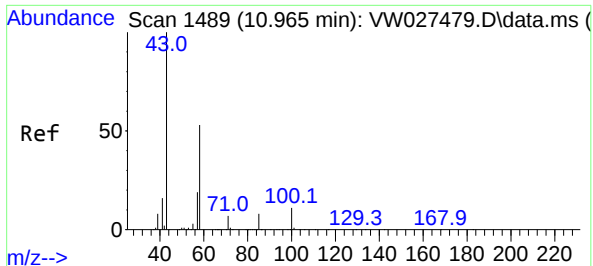
Tgt Ion: 83 Resp: 14368
Ion Ratio Lower Upper
83 100
55 106.1 65.8 98.8#
98 50.9 38.1 57.1



#42
Toluene
Concen: 55.399 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

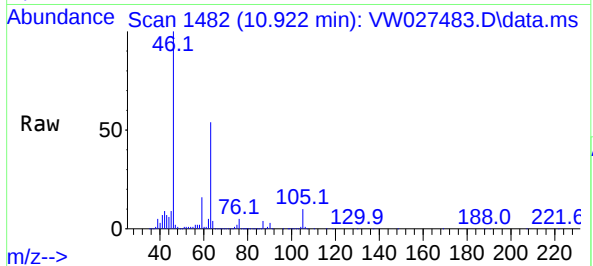
Tgt Ion: 91 Resp: 1963754
Ion Ratio Lower Upper
91 100
92 61.2 42.1 78.1



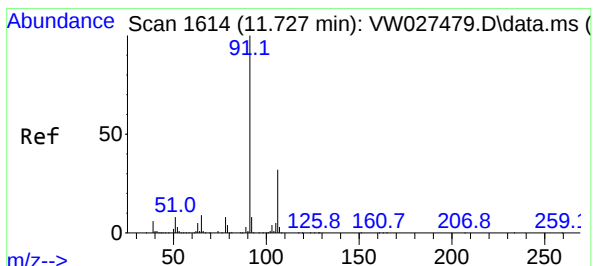
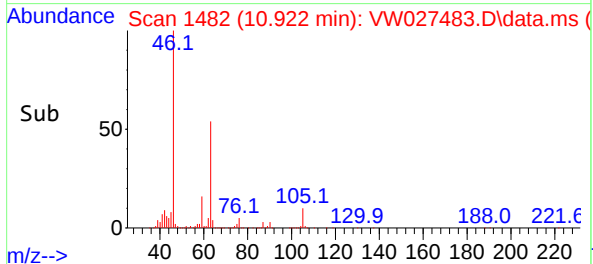
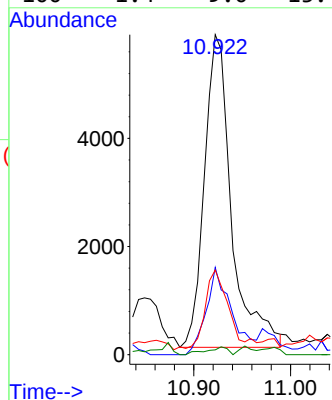


#48
2-Hexanone
Concen: 2.424 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

Instrument :
MSVOA_W
ClientSampleId :

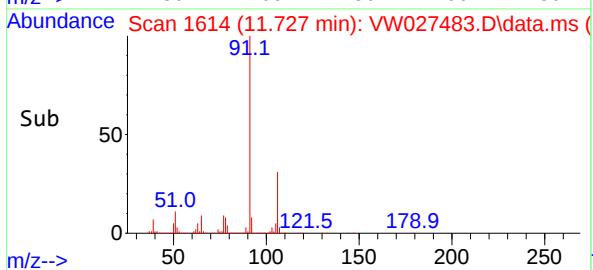
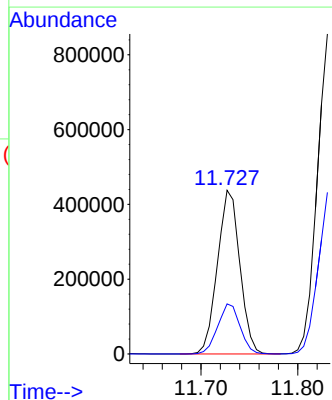
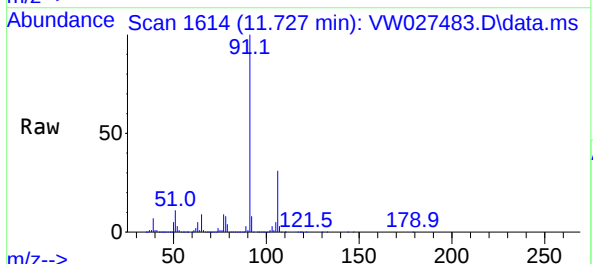


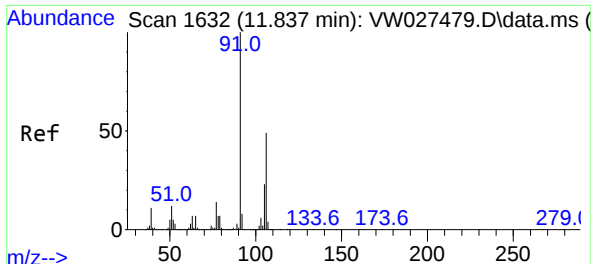
Tgt Ion: 43 Resp: 11271
Ion Ratio Lower Upper
43 100
58 26.4 42.2 63.4#
57 22.4 15.1 22.7
100 1.4 9.0 13.4#



#52
Ethylbenzene
Concen: 17.035 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

Tgt Ion: 91 Resp: 701703
Ion Ratio Lower Upper
91 100
106 30.6 19.8 36.8

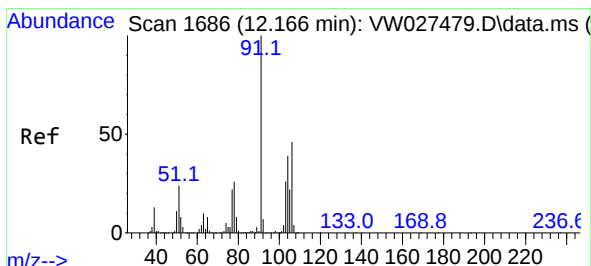
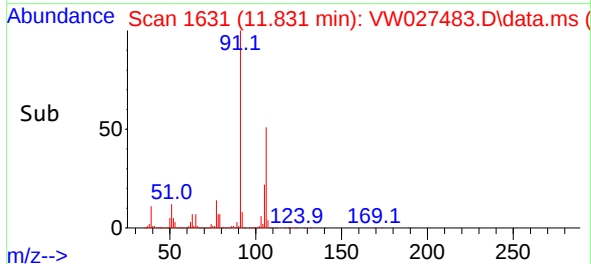
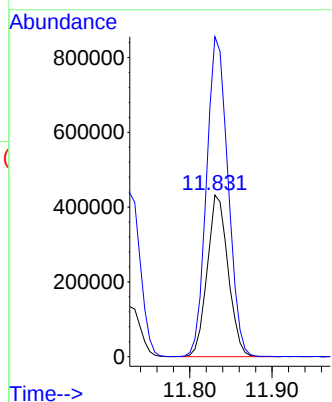
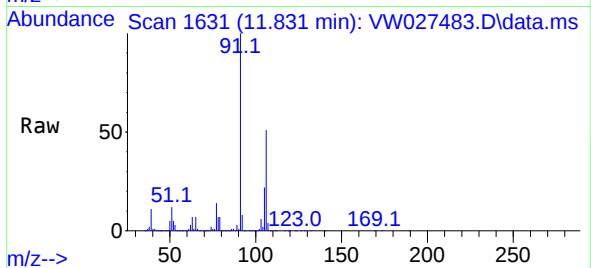




#53
m,p-Xylene
Concen: 48.591 ug/L
RT: 11.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

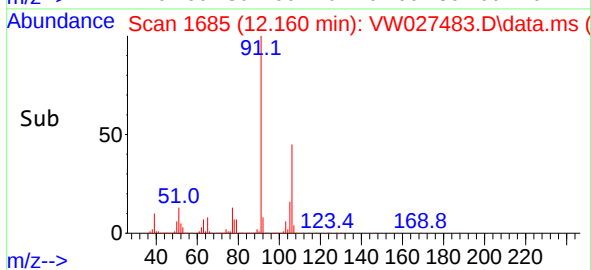
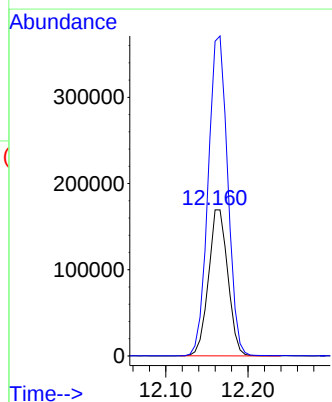
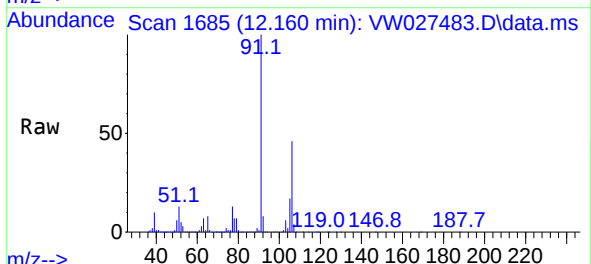
Instrument :
MSVOA_W
ClientSampleId :

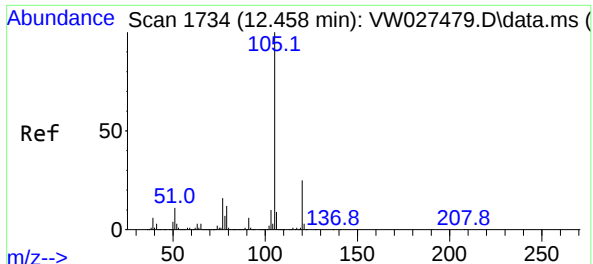
Tgt Ion:106 Resp: 759157
Ion Ratio Lower Upper
106 100
91 198.0 144.5 268.4



#54
o-Xylene
Concen: 18.507 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

Tgt Ion:106 Resp: 276890
Ion Ratio Lower Upper
106 100
91 215.4 152.0 282.2

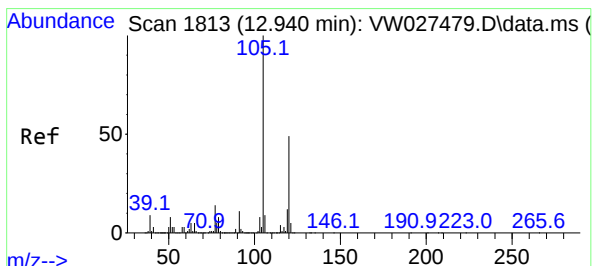
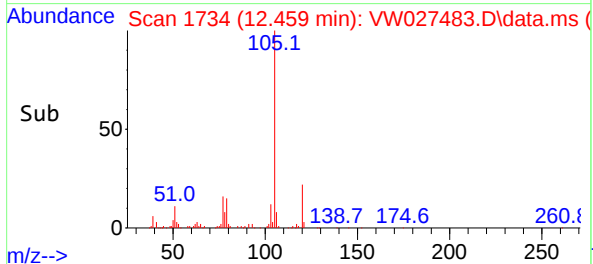
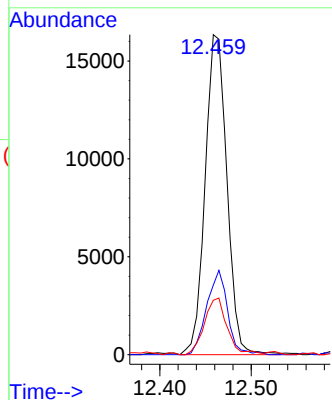
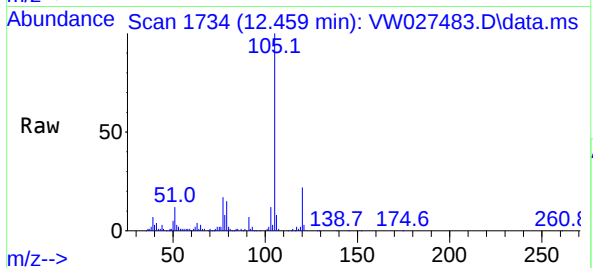




#60
Isopropylbenzene
Concen: 0.632 ug/L
RT: 12.459 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

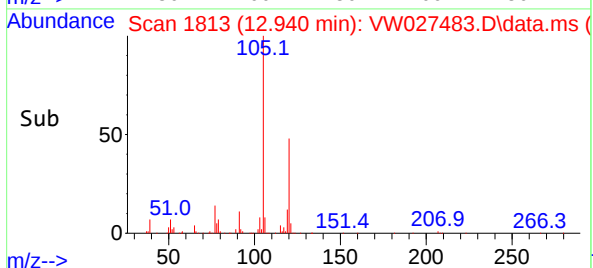
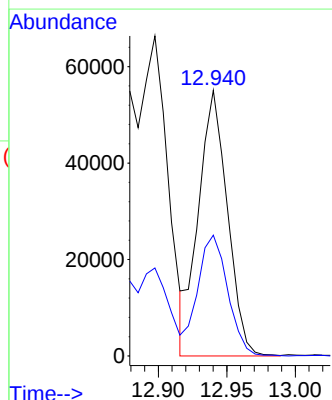
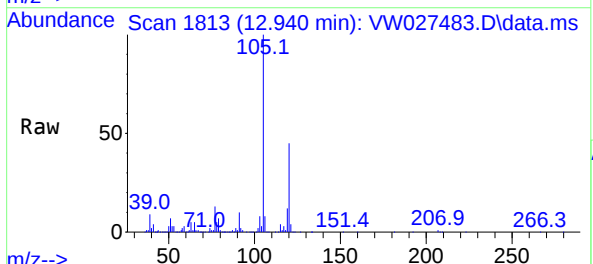
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MSVOA_W
ClientSampleId :

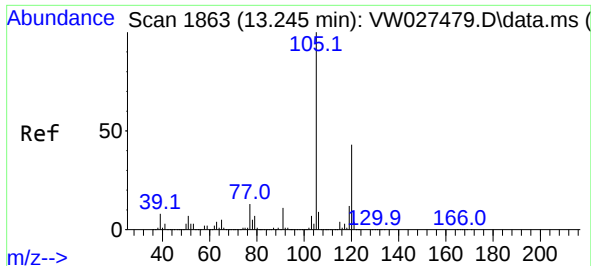
Tgt Ion:105 Resp: 27038
Ion Ratio Lower Upper
105 100
120 25.0 20.1 30.1
77 17.8 12.9 19.3



#62
1,3,5-Trimethylbenzene
Concen: 2.273 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027483.D
Acq: 31 Oct 2023 14:14

Tgt Ion:105 Resp: 81091
Ion Ratio Lower Upper
105 100
120 47.4 38.8 58.2





#63

1,2,4-Trimethylbenzene

Concen: 10.072 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027483.D

Acq: 31 Oct 2023 14:14

Instrument :

MSVOA_W

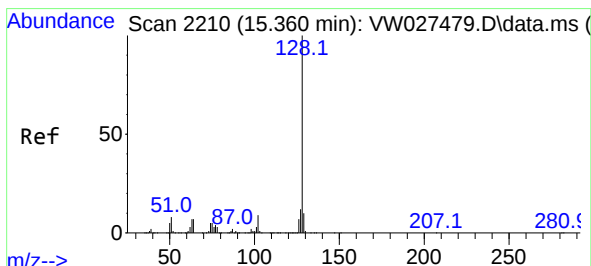
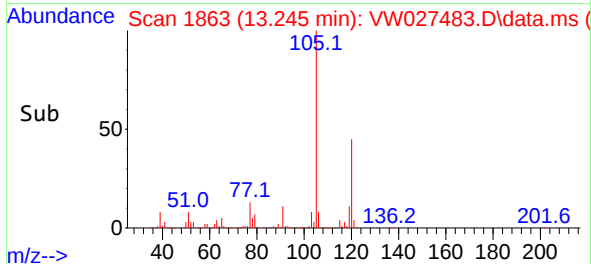
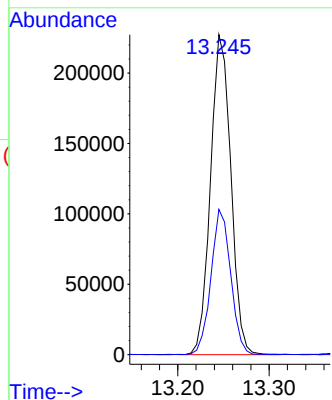
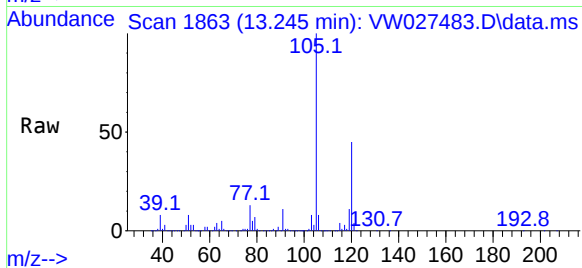
ClientSampleId :

Tgt Ion:105 Resp: 351587

Ion Ratio Lower Upper

105 100

120 43.9 35.4 53.2



#71

Naphthalene

Concen: 4.343 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027483.D

Acq: 31 Oct 2023 14:14

Tgt Ion:128 Resp: 85588

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.4 8.5 12.7

