

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021043.D
 Acq On : 02 Dec 2021 13:36
 Operator : SY/VA
 Sample : M4886-03
 Misc : 4.74g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:24:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

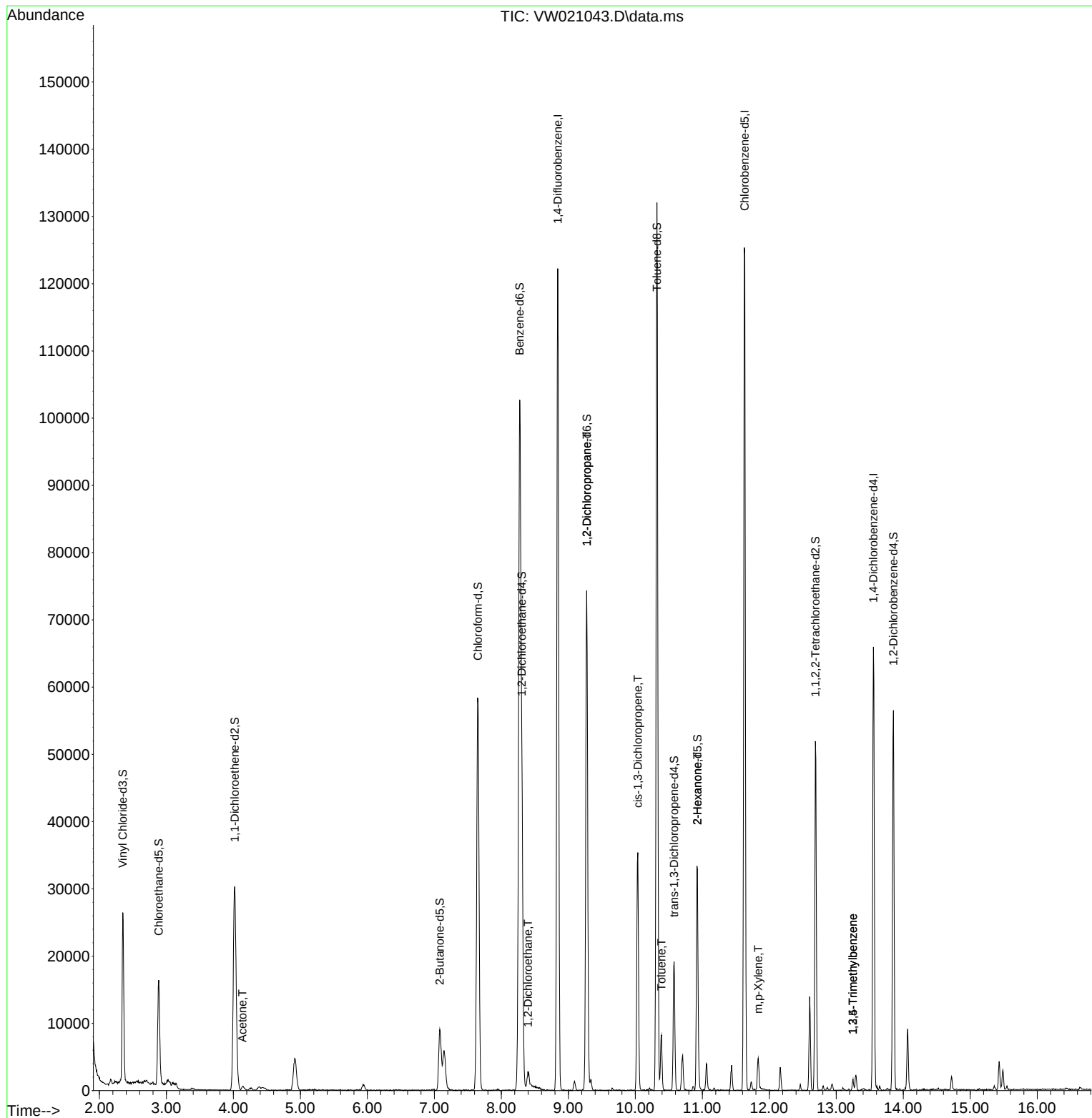
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	104654	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	71009	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	17509	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	23023	18.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.880%
7) Chloroethane-d5	2.885	69	17605	22.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.960%
11) 1,1-Dichloroethene-d2	4.019	63	28819	12.270	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.080%
21) 2-Butanone-d5	7.080	46	15638	51.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.220%
24) Chloroform-d	7.653	84	58843	22.315	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.240%
26) 1,2-Dichloroethane-d4	8.305	65	30634	22.887	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.560%
32) Benzene-d6	8.275	84	102051	27.268	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.080%
36) 1,2-Dichloropropane-d6	9.274	67	31887	29.921	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.680%
41) Toluene-d8	10.323	98	86496	23.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.160%
43) trans-1,3-Dichloroprop...	10.579	79	10116	20.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.320%
47) 2-Hexanone-d5	10.927	63	11172	63.207	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23324	28.569	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	15551	24.920	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds	Qvalue					
13) Acetone	4.135	43	1033	3.819	ug/L	71
27) 1,2-Dichloroethane	8.397	62	1894	1.222	ug/L	96
37) 1,2-Dichloropropane	9.274	63	4033	4.310	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1029	0.666	ug/L #	79
42) Toluene	10.390	91	5833	1.290	ug/L	98
48) 2-Hexanone	10.927	43	1783	4.622	ug/L #	65
53) m,p-Xylene	11.835	106	1535	0.750	ug/L	96
62) 1,3,5-Trimethylbenzene	13.249	105	1231	0.612	ug/L	89
63) 1,2,4-Trimethylbenzene	13.249	105	1231	0.620	ug/L	93

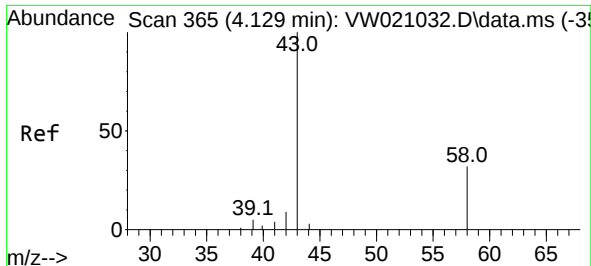
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 02:24:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration





#13

Acetone

Concen: 3.819 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021043.D

Acq: 02 Dec 2021 13:36

Instrument :

MSVOA_W

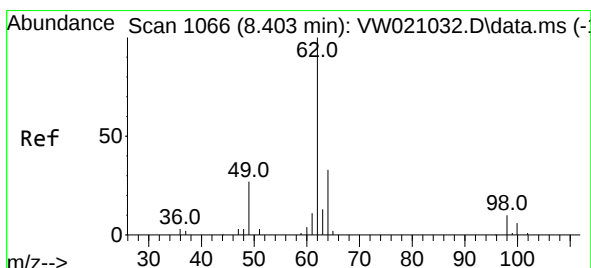
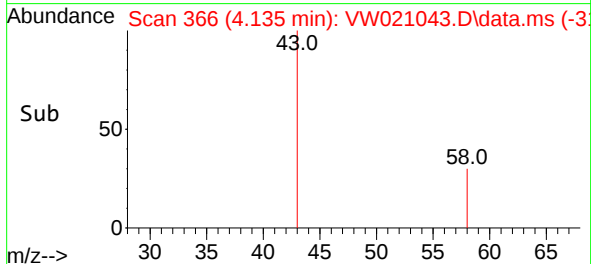
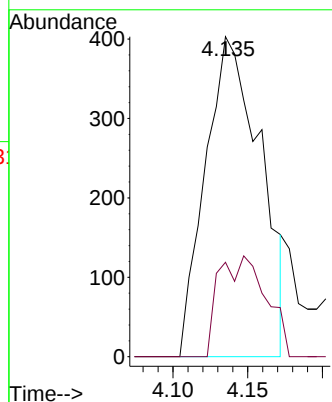
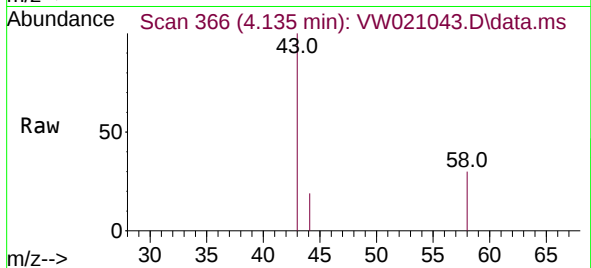
ClientSampleId :

Tgt Ion: 43 Resp: 1033

Ion Ratio Lower Upper

43 100

58 11.3 0.0 52.8



#27

1,2-Dichloroethane

Concen: 1.222 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021043.D

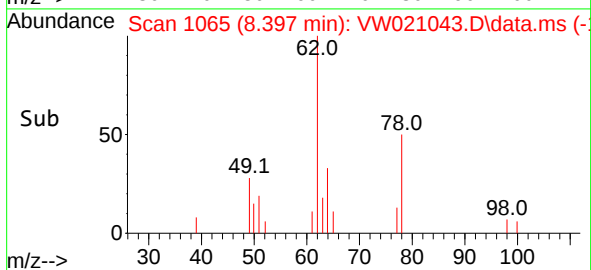
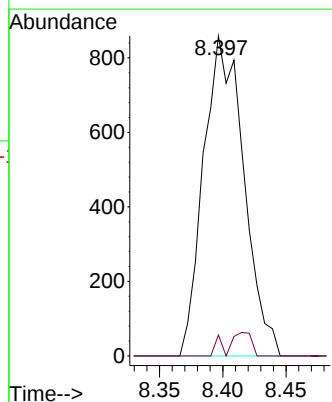
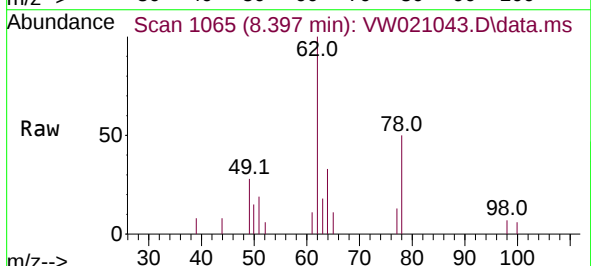
Acq: 02 Dec 2021 13:36

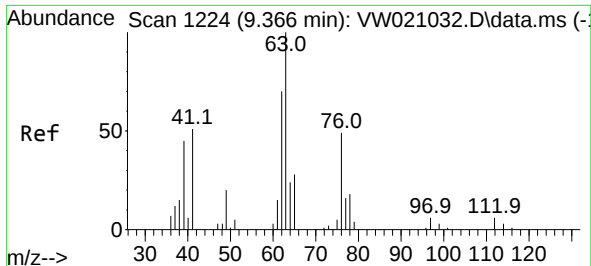
Tgt Ion: 62 Resp: 1894

Ion Ratio Lower Upper

62 100

98 6.5 6.5 9.7





#37

1,2-Dichloropropane

Concen: 4.310 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021043.D

Acq: 02 Dec 2021 13:36

Instrument :

MSVOA_W

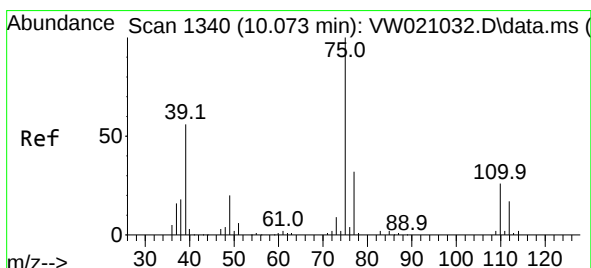
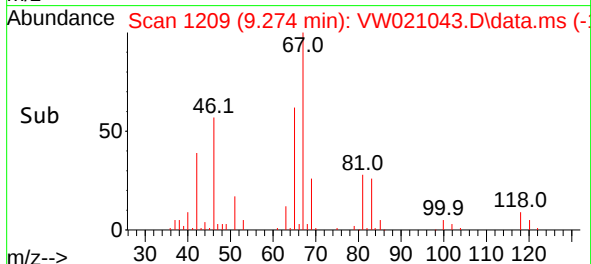
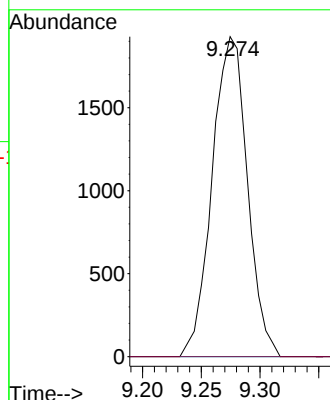
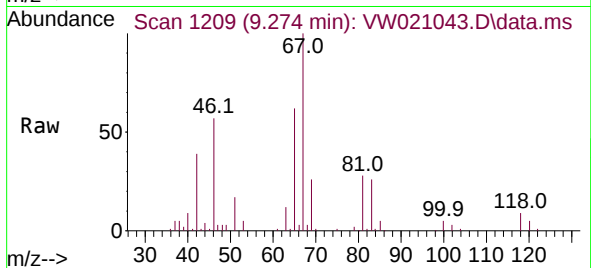
ClientSampleId :

Tgt Ion: 63 Resp: 4033

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.666 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021043.D

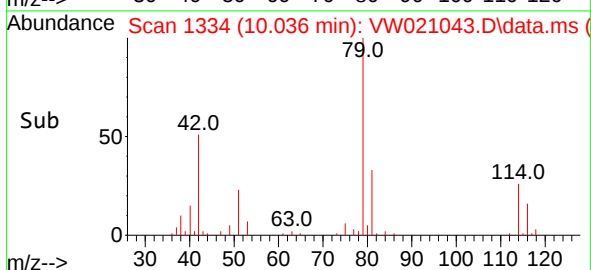
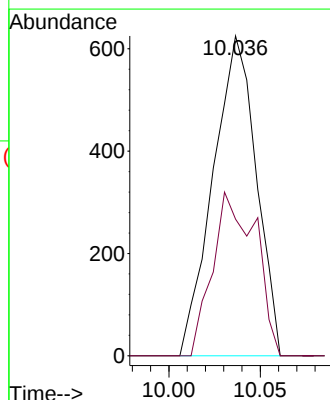
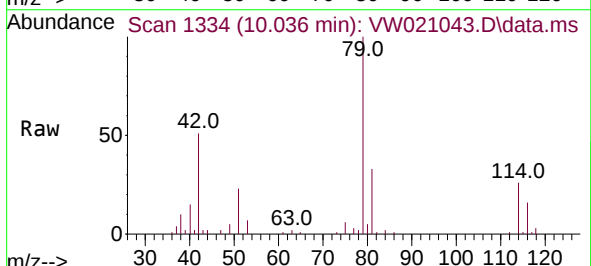
Acq: 02 Dec 2021 13:36

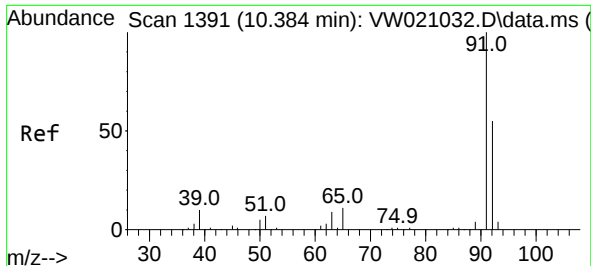
Tgt Ion: 75 Resp: 1029

Ion Ratio Lower Upper

75 100

77 42.7 21.8 40.6#

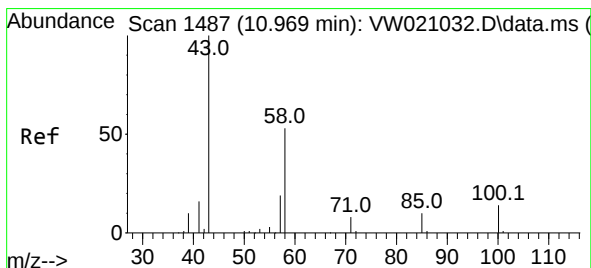
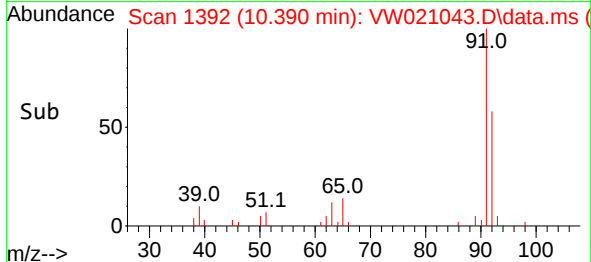
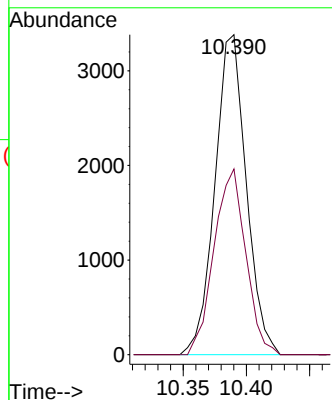
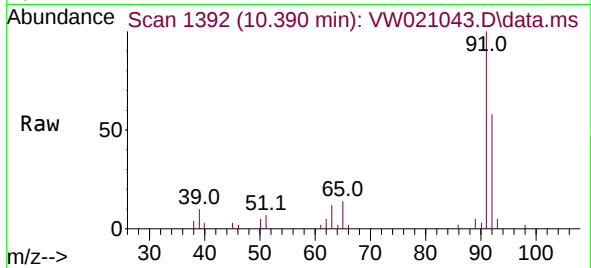




#42
Toluene
Concen: 1.290 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021043.D
Acq: 02 Dec 2021 13:36

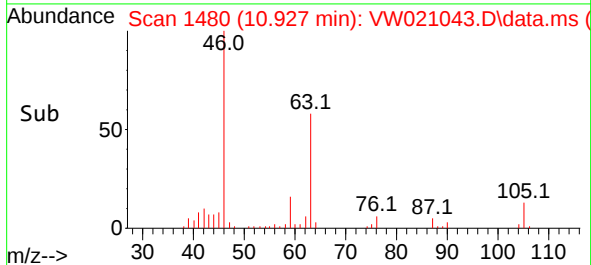
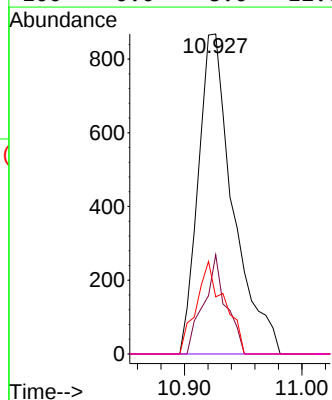
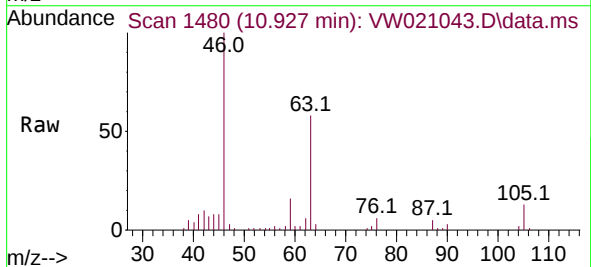
Instrument :
MSVOA_W
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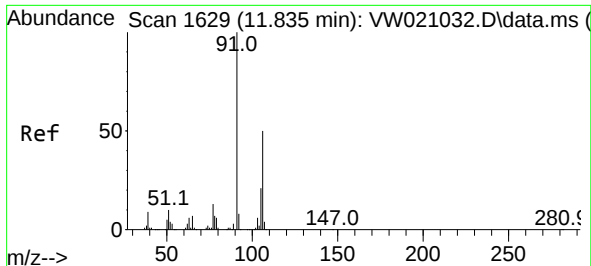
Tgt Ion: 91 Resp: 5833
Ion Ratio Lower Upper
91 100
92 58.0 41.7 77.5



#48
2-Hexanone
Concen: 4.622 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021043.D
Acq: 02 Dec 2021 13:36

Tgt Ion: 43 Resp: 1783
Ion Ratio Lower Upper
43 100
58 19.9 40.2 60.2#
57 23.4 14.3 21.5#
100 0.0 8.0 12.0#

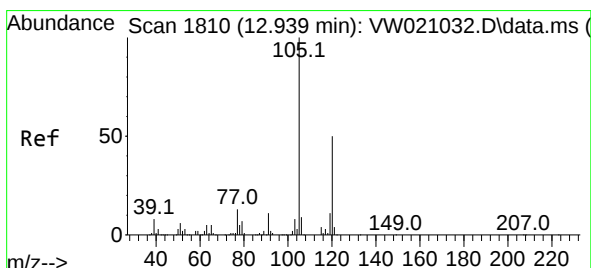
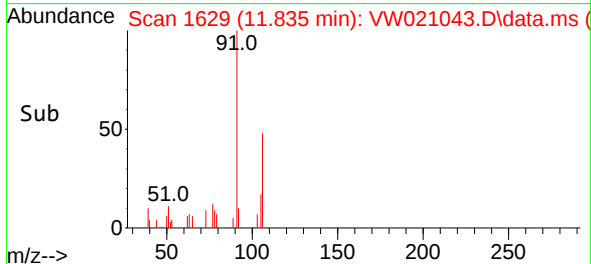
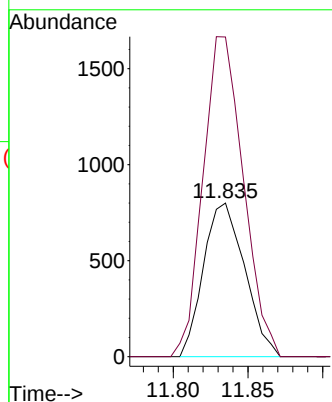
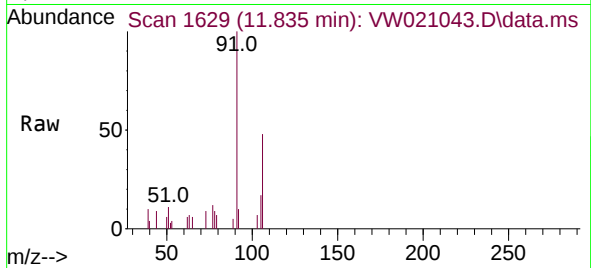




#53
m,p-Xylene
Concen: 0.750 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021043.D
Acq: 02 Dec 2021 13:36

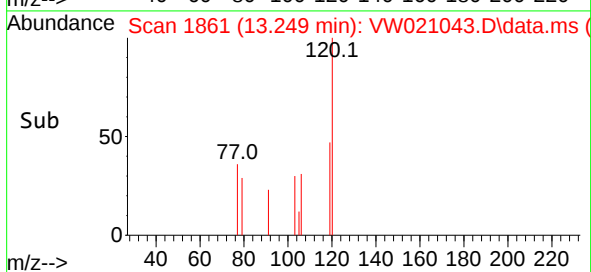
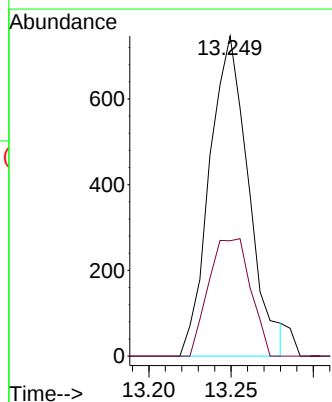
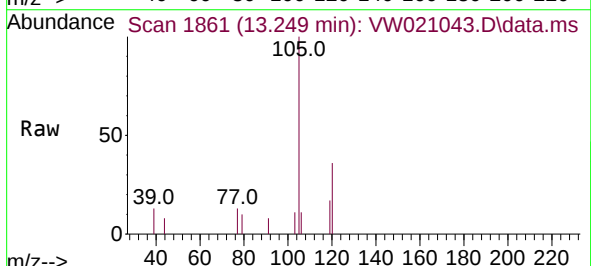
Instrument :
MSVOA_W
ClientSampleId :

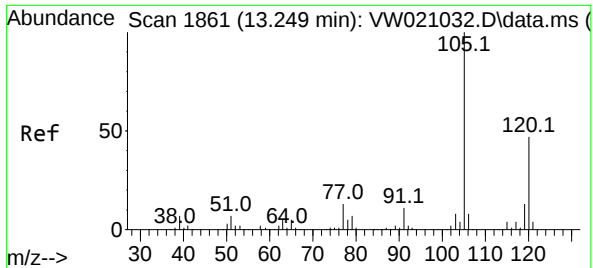
Tgt Ion:106 Resp: 1535
Ion Ratio Lower Upper
106 100
91 208.1 149.9 278.3



#62
1,3,5-Trimethylbenzene
Concen: 0.612 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.311 min
Lab File: VW021043.D
Acq: 02 Dec 2021 13:36

Tgt Ion:105 Resp: 1231
Ion Ratio Lower Upper
105 100
120 39.4 37.4 56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.620 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021043.D
 Acq: 02 Dec 2021 13:36

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 1231
 Ion Ratio Lower Upper
 105 100
 120 39.4 35.0 52.6

