

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022016.D
 Acq On : 01 Feb 2022 21:08
 Operator : SY/VA
 Sample : N1353-02
 Misc : 4.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COVE3

Quant Time: Feb 02 01:17:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 01:06:57 2022
 Response via : Initial Calibration

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

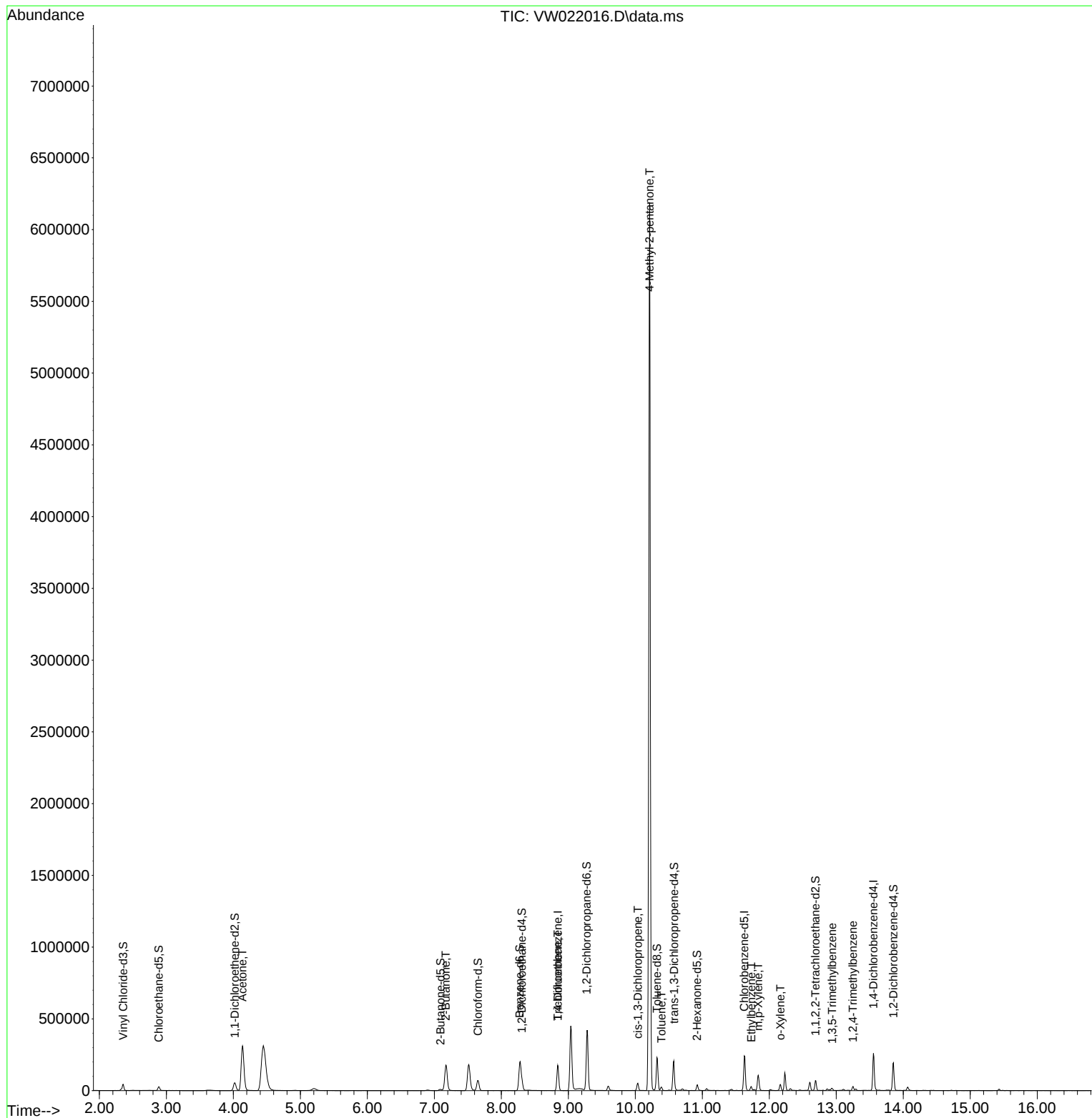
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	153833	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	145416	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73079	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41272	22.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.080%
7) Chloroethane-d5	2.885	69	27616	19.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.440%
11) 1,1-Dichloroethene-d2	4.019	63	50744	15.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.000%
21) 2-Butanone-d5	7.092	46	14588	44.386	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.780%
24) Chloroform-d	7.653	84	72221	20.179	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	8.305	65	37636	21.136	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.275	84	148928	20.266	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.080%
36) 1,2-Dichloropropane-d6	9.274	67	42666	21.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.400%
41) Toluene-d8	10.323	98	158771	21.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	10.579	79	17560	20.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.240%
47) 2-Hexanone-d5	10.921	63	13700	47.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32466	19.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	52748	20.008	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.040%
Target Compounds						Qvalue
13) Acetone	4.135	43	583246	1900.137	ug/L	99
22) 2-Butanone	7.171	43	282077	709.772	ug/L	95
34) Trichloroethene	8.842	95	4250	1.961	ug/L #	1
39) cis-1,3-Dichloropropene	10.037	75	1629	0.607	ug/L #	57
40) 4-Methyl-2-pentanone	10.213	43	3400727	4139.216	ug/L	98
42) Toluene	10.390	91	18174	2.103	ug/L	93
52) Ethylbenzene	11.731	91	18579	1.948	ug/L	92
53) m,p-Xylene	11.835	106	33616	8.497	ug/L	97
54) o-Xylene	12.164	106	12235	3.306	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	4366	0.689	ug/L	88
63) 1,2,4-Trimethylbenzene	13.249	105	16366	2.121	ug/L	97

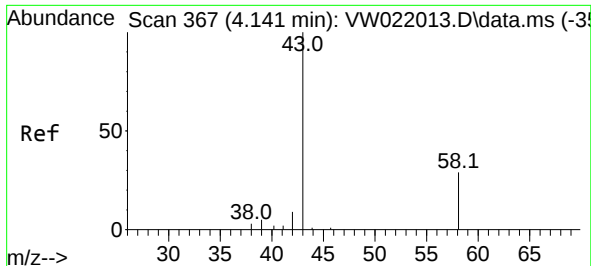
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022016.D
Acq On : 01 Feb 2022 21:08
Operator : SY/VA
Sample : N1353-02
Misc : 4.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE3

Quant Time: Feb 02 01:17:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
Response via : Initial Calibration





#13

Acetone

Concen: 1900.137 ug/L

RT: 4.135 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022016.D

Acq: 01 Feb 2022 21:08

Instrument :

MSVOA_W

ClientSampleId :

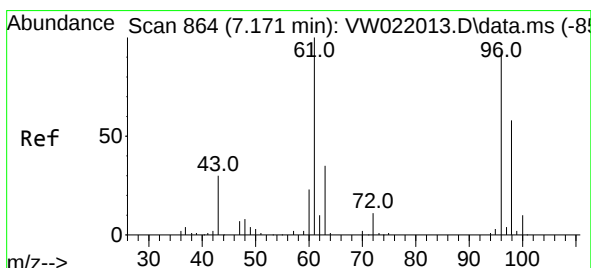
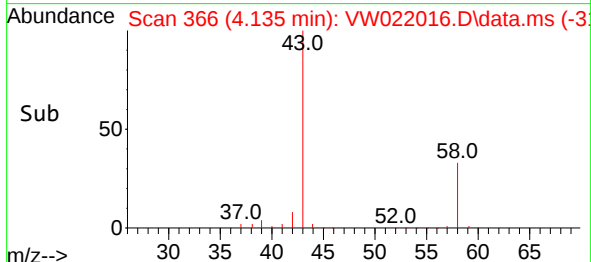
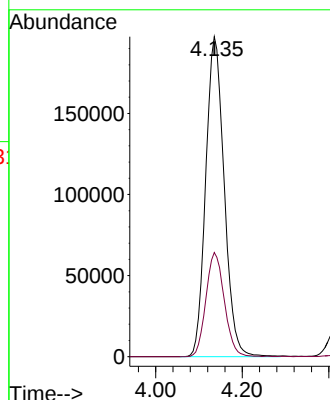
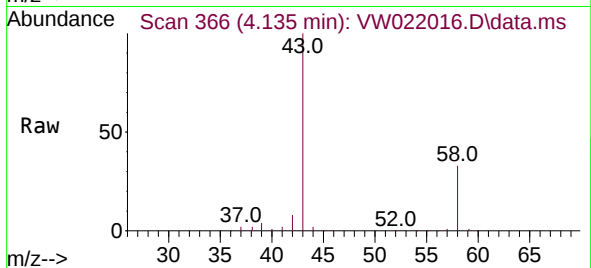
COVE3

Tgt Ion: 43 Resp: 583246

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.0



#22

2-Butanone

Concen: 709.772 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022016.D

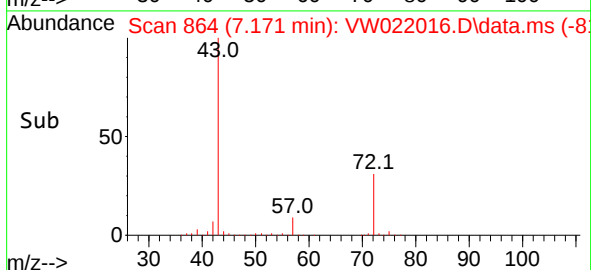
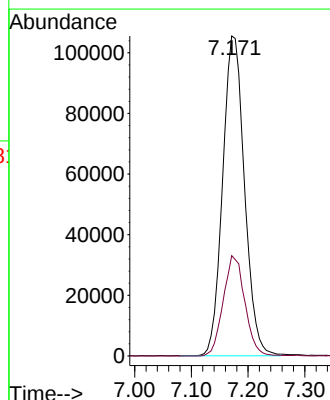
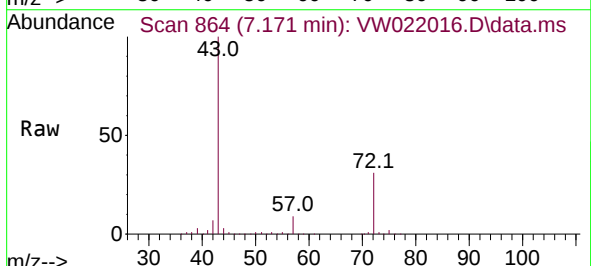
Acq: 01 Feb 2022 21:08

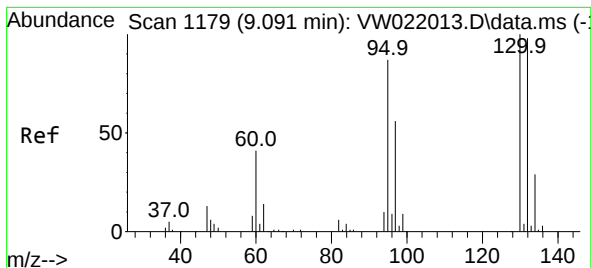
Tgt Ion: 43 Resp: 282077

Ion Ratio Lower Upper

43 100

72 31.0 16.8 50.4





#34

Trichloroethene

Concen: 1.961 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

Lab File: VW022016.D

Acq: 01 Feb 2022 21:08

Instrument :

MSVOA_W

ClientSampleId :

COVE3

Tgt Ion: 95 Resp: 4250

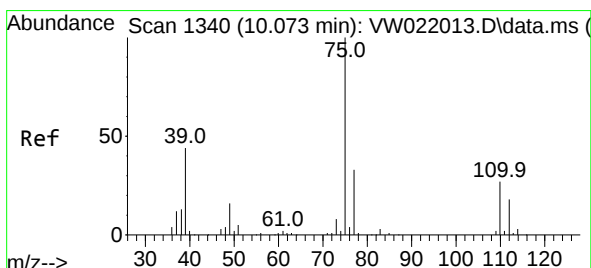
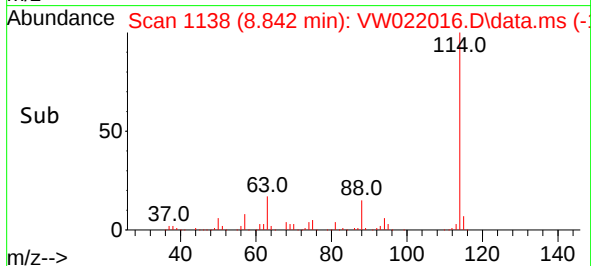
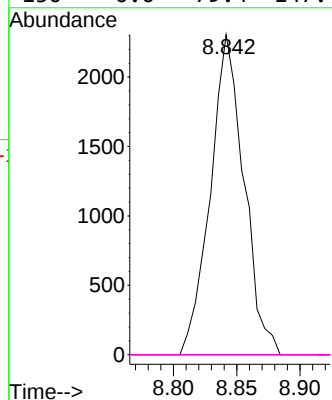
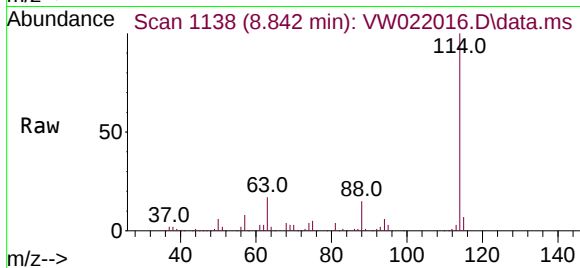
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 0.0 76.1 141.3#

130 0.0 79.4 147.4#



#39

cis-1,3-Dichloropropene

Concen: 0.607 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW022016.D

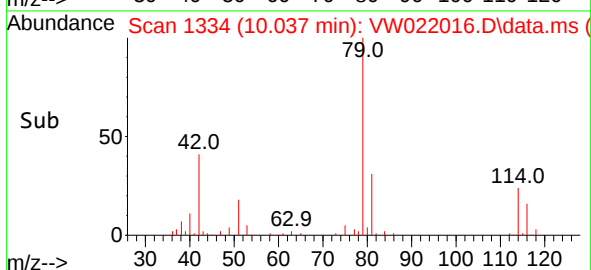
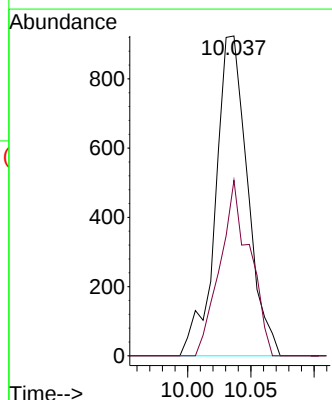
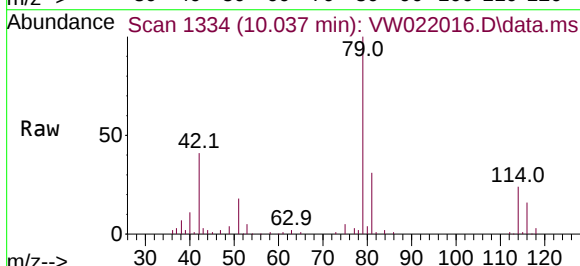
Acq: 01 Feb 2022 21:08

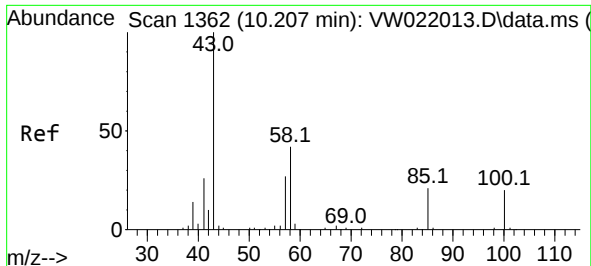
Tgt Ion: 75 Resp: 1629

Ion Ratio Lower Upper

75 100

77 54.9 21.9 40.7#





#40

4-Methyl-2-pentanone

Concen: 4139.216 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW022016.D

Acq: 01 Feb 2022 21:08

Instrument :

MSVOA_W

ClientSampleId :

COVE3

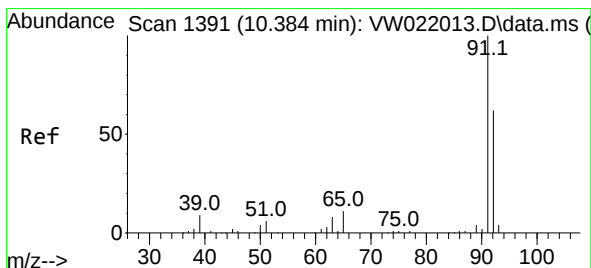
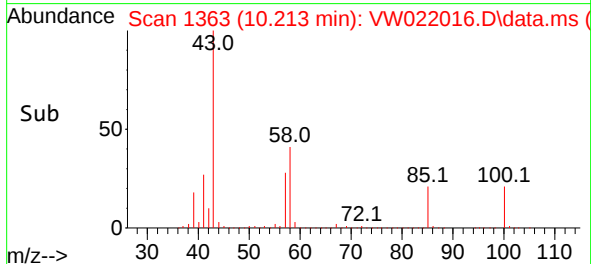
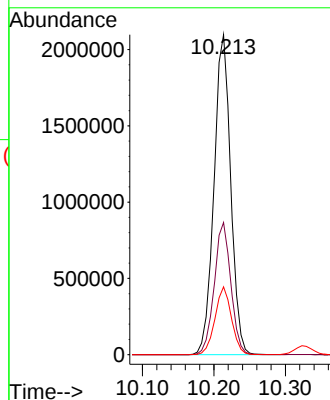
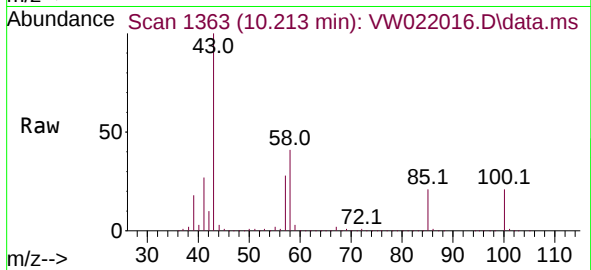
Tgt Ion: 43 Resp: 3400727

Ion Ratio Lower Upper

43 100

58 41.1 34.4 51.6

100 21.0 17.0 25.4



#42

Toluene

Concen: 2.103 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW022016.D

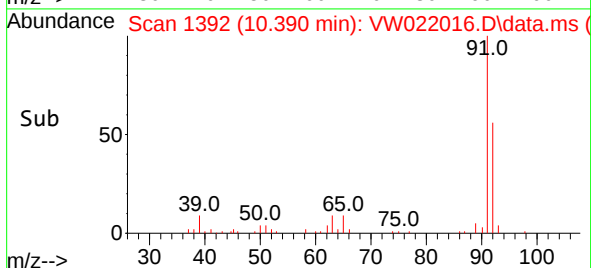
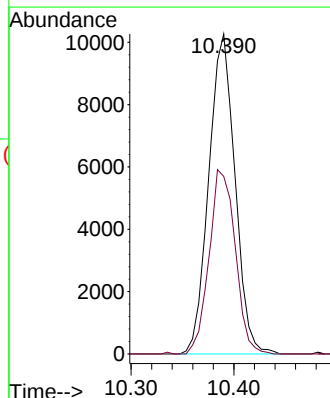
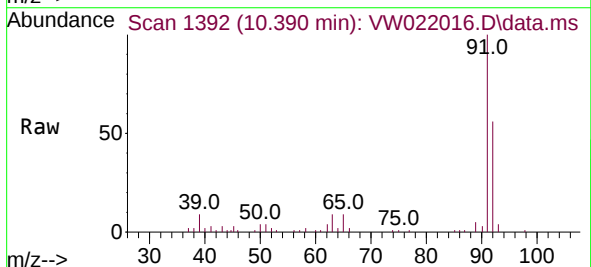
Acq: 01 Feb 2022 21:08

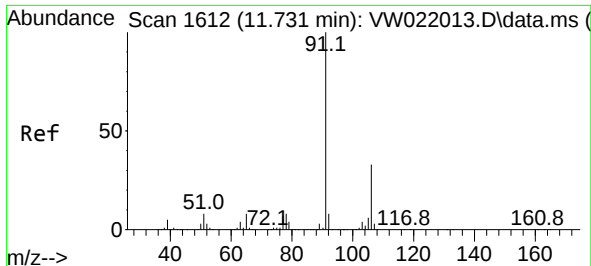
Tgt Ion: 91 Resp: 18174

Ion Ratio Lower Upper

91 100

92 55.5 42.6 79.2

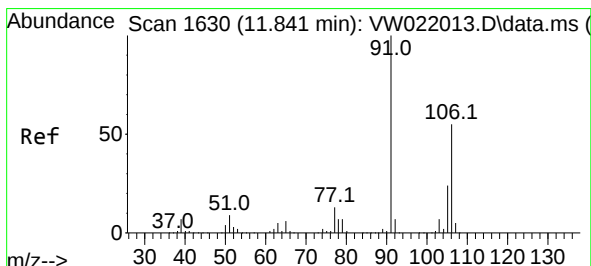
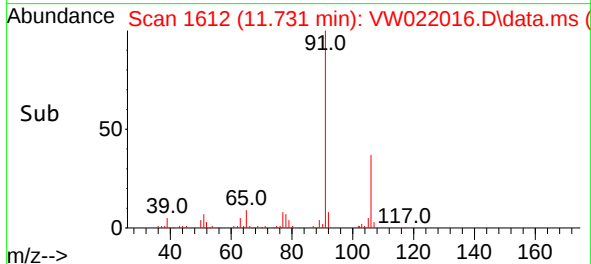
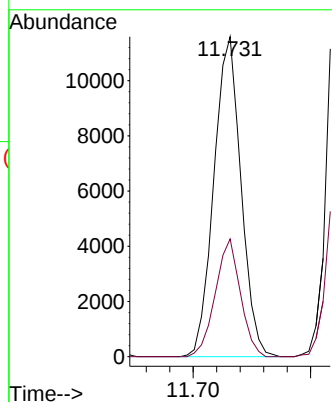
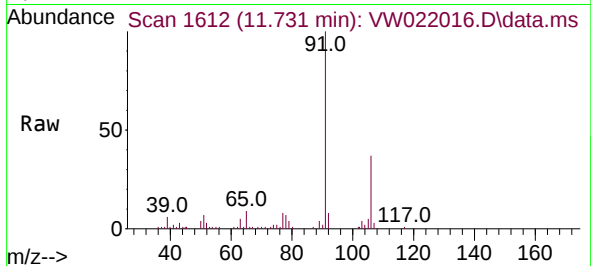




#52
Ethylbenzene
Concen: 1.948 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

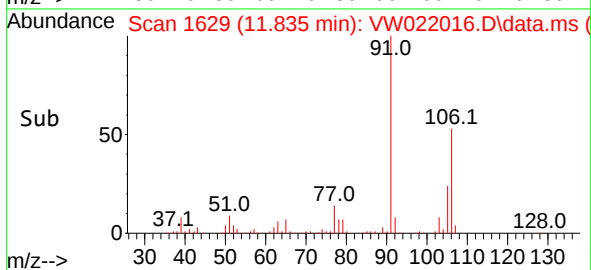
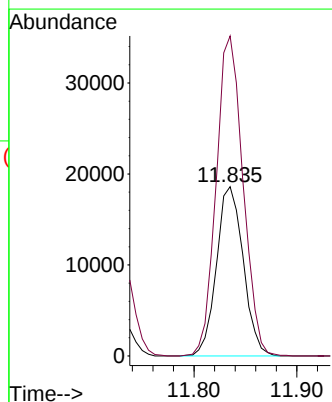
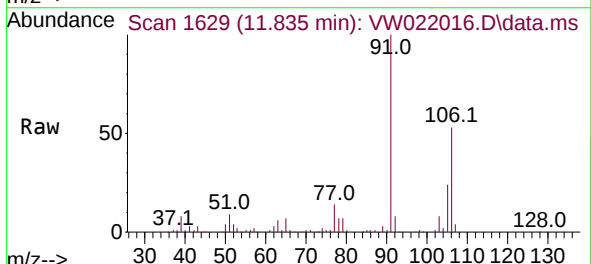
Instrument :
MSVOA_W
ClientSampleId :
COVE3

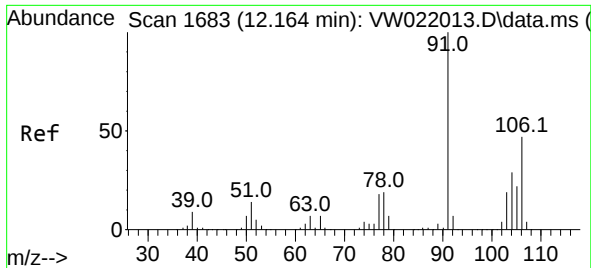
Tgt Ion: 91 Resp: 18579
Ion Ratio Lower Upper
91 100
106 36.8 22.8 42.4



#53
m,p-Xylene
Concen: 8.497 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Tgt Ion: 106 Resp: 33616
Ion Ratio Lower Upper
106 100
91 189.0 129.6 240.8

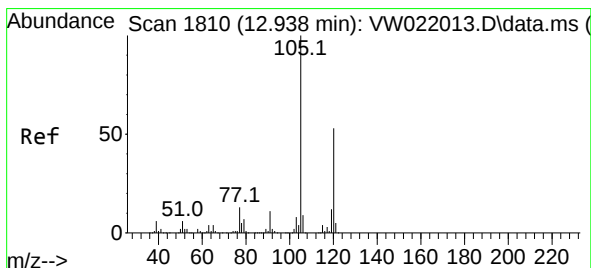
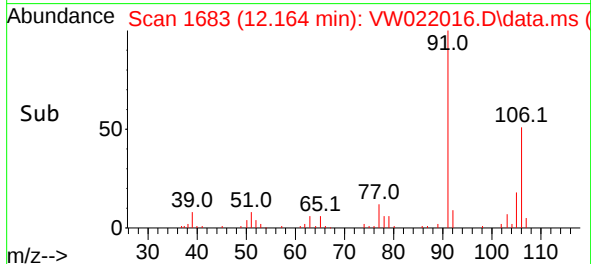
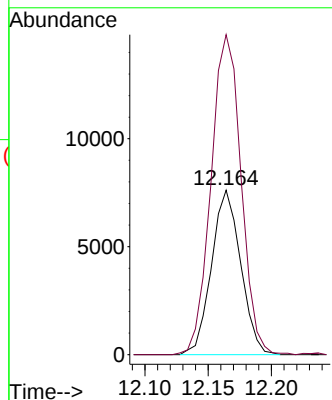
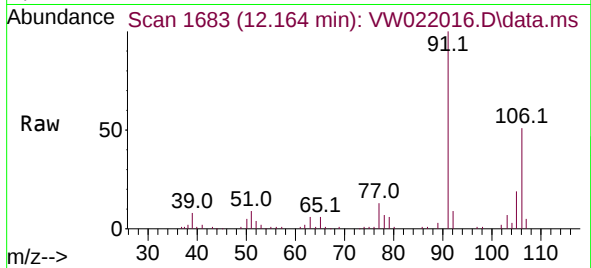




#54
o-Xylene
Concen: 3.306 ug/L
RT: 12.164 min Scan# 110
Delta R.T. 0.000 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

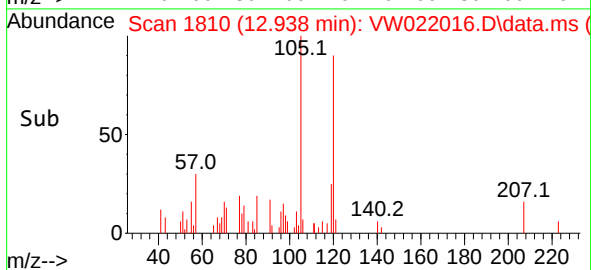
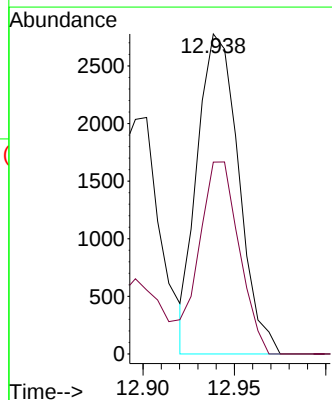
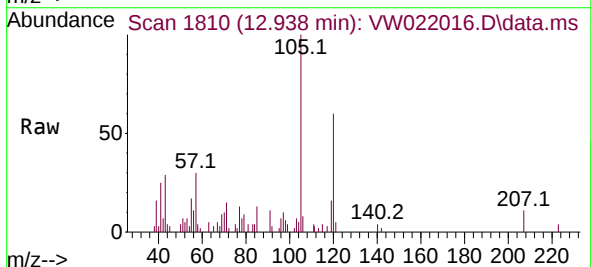
Instrument :
MSVOA_W
ClientSampleId :
COVE3

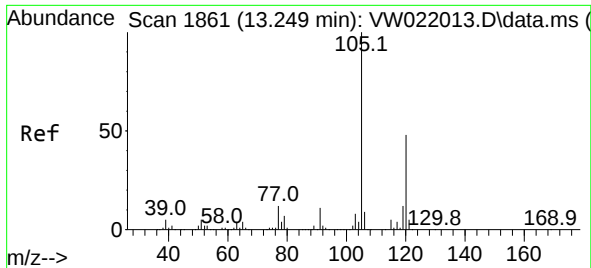
Tgt Ion:106 Resp: 12235
Ion Ratio Lower Upper
106 100
91 194.5 136.4 253.4



#62
1,3,5-Trimethylbenzene
Concen: 0.689 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022016.D
Acq: 01 Feb 2022 21:08

Tgt Ion:105 Resp: 4366
Ion Ratio Lower Upper
105 100
120 59.6 40.9 61.3





#63
 1,2,4-Trimethylbenzene
 Concen: 2.121 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022016.D
 Acq: 01 Feb 2022 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 COVE3

Tgt Ion:105 Resp: 16366
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.8 56.8

