

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022486.D
 Acq On : 11 Apr 2022 16:33
 Operator : SY/VA
 Sample : N2316-07
 Misc : 6.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 23:59:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

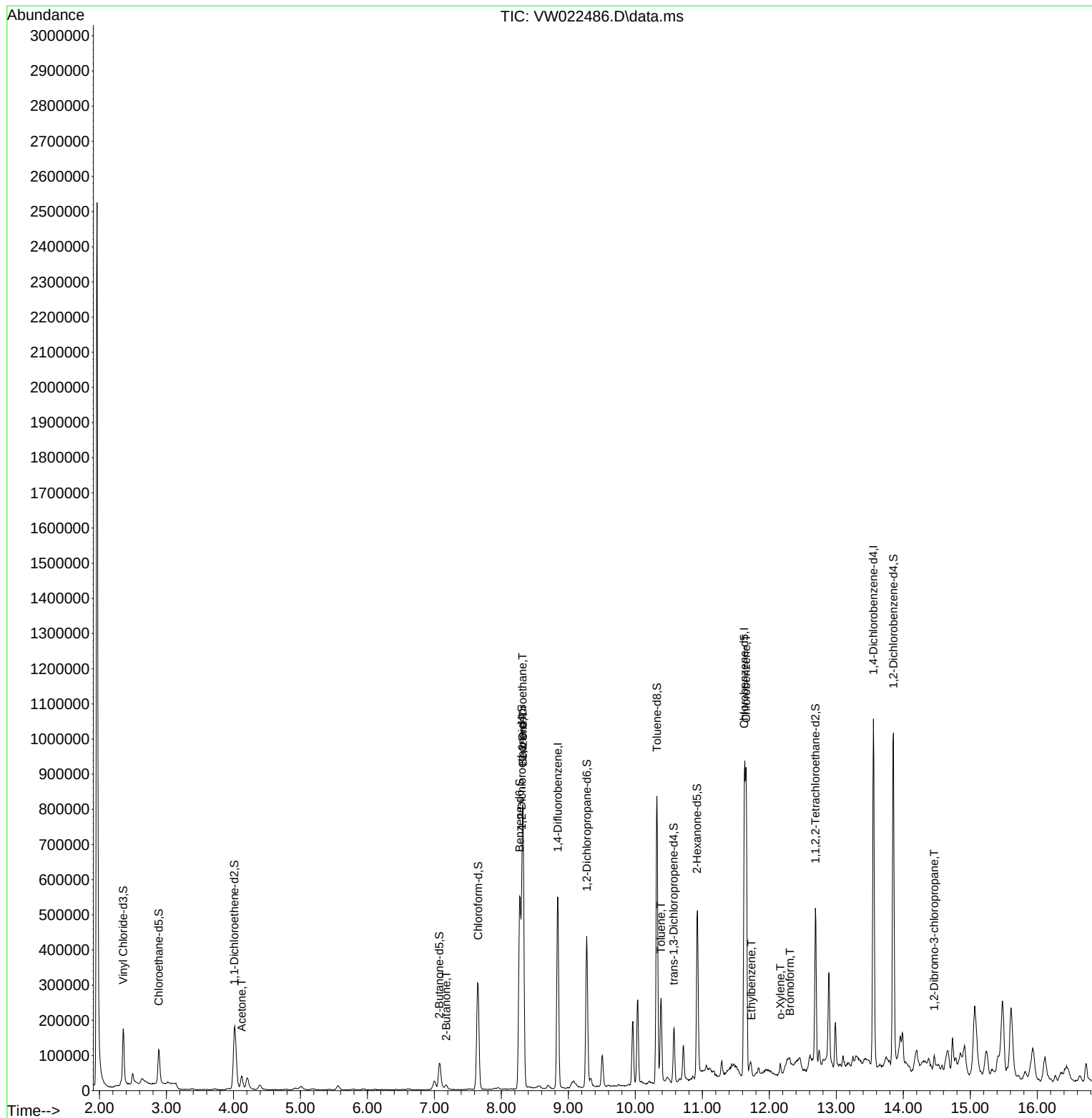
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	456162	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	448253	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	249601	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	165078	16.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.480%
7) Chloroethane-d5	2.885	69	110022	17.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.640%
11) 1,1-Dichloroethene-d2	4.013	63	170020	12.999	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.000%
21) 2-Butanone-d5	7.074	46	125528	71.299	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.600%#
24) Chloroform-d	7.653	84	306640	21.506	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.040%
26) 1,2-Dichloroethane-d4	8.305	65	192989	23.690	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.760%
32) Benzene-d6	8.275	84	556972	20.337	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.360%
36) 1,2-Dichloropropane-d6	9.274	67	175974	22.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.800%
41) Toluene-d8	10.323	98	536540	20.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	10.573	79	81908	21.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.600%
47) 2-Hexanone-d5	10.920	63	120142	81.478	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.960%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	202504	30.050	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.200%#
66) 1,2-Dichlorobenzene-d4	13.853	152	227801	25.767	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.080%
Target Compounds						Qvalue
13) Acetone	4.123	43	63105	52.644	ug/L	96
22) 2-Butanone	7.177	43	20050	11.075	ug/L	98
27) 1,2-Dichloroethane	8.317	62	6269	0.645	ug/L	99
33) Benzene	8.323	78	679846	22.339	ug/L	100
42) Toluene	10.384	91	62310	1.787	ug/L	98
51) Chlorobenzene	11.652	112	424635	19.926	ug/L	95
52) Ethylbenzene	11.731	91	23040	0.589	ug/L	100
54) o-Xylene	12.164	106	8997	0.633	ug/L	99
59) Bromoform	12.310	173	3812	1.028	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	14.462	75	7989	6.488	ug/L #	24

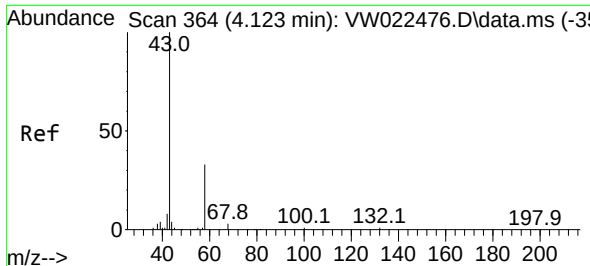
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
Response via : Initial Calibration

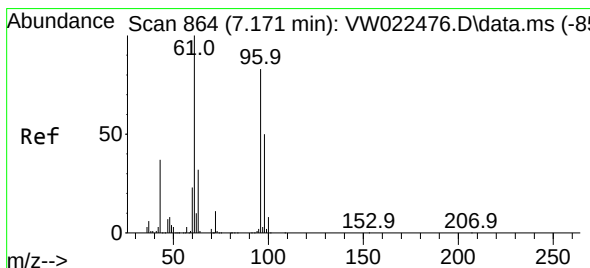
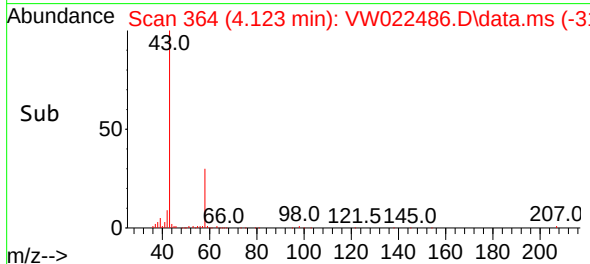
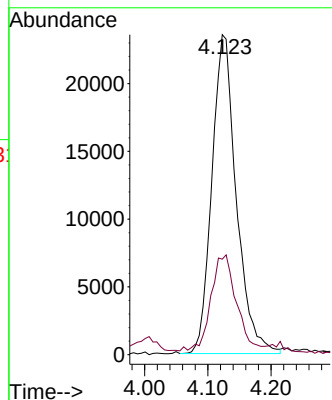
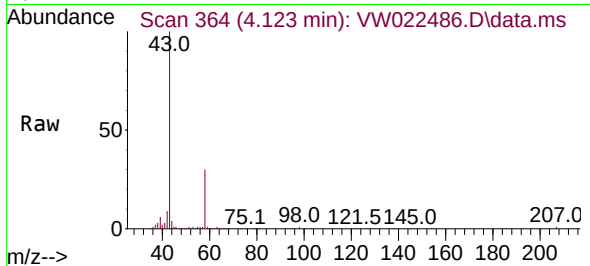




#13
Acetone
Concen: 52.644 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW022486.D
Acq: 11 Apr 2022 16:33

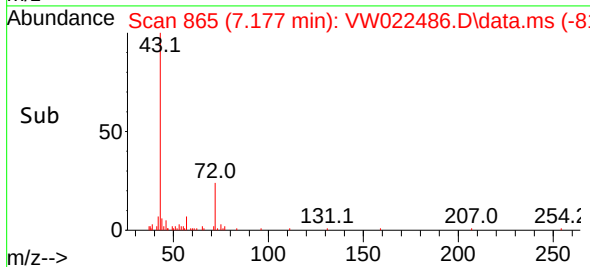
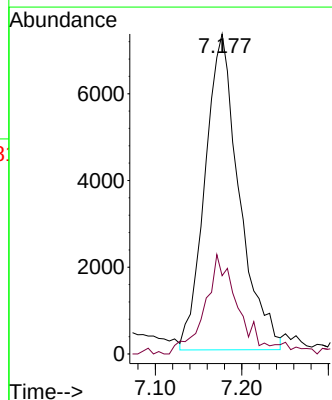
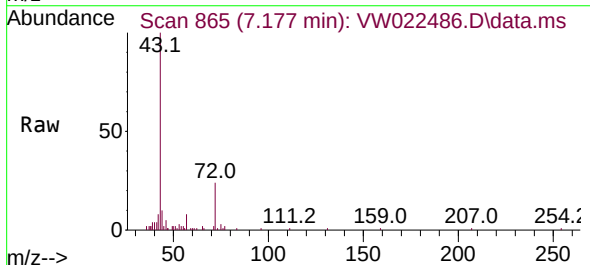
Instrument :
MSVOA_W
ClientSampleId :

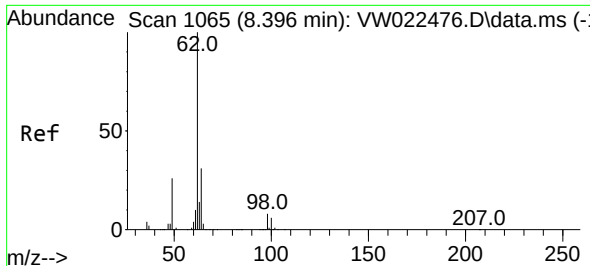
Tgt Ion: 43 Resp: 63105
Ion Ratio Lower Upper
43 100
58 30.5 0.0 57.0



#22
2-Butanone
Concen: 11.075 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022486.D
Acq: 11 Apr 2022 16:33

Tgt Ion: 43 Resp: 20050
Ion Ratio Lower Upper
43 100
72 29.0 14.0 42.0





#27

1,2-Dichloroethane

Concen: 0.645 ug/L

RT: 8.317 min Scan# 1052

Delta R.T. -0.079 min

Lab File: VW022486.D

Acq: 11 Apr 2022 16:33

Instrument :

MSVOA_W

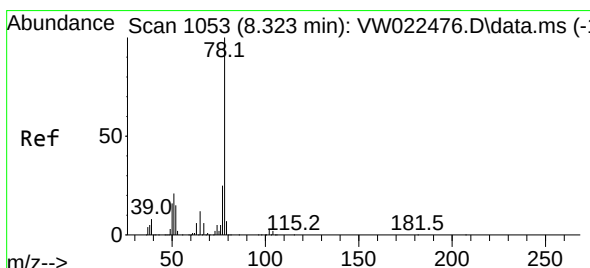
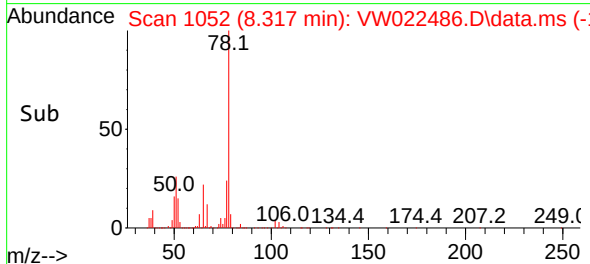
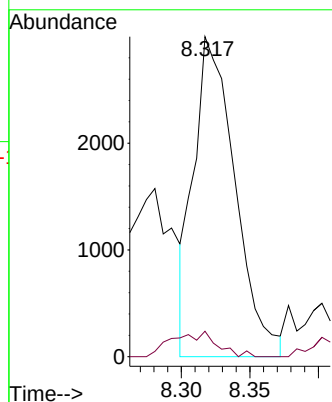
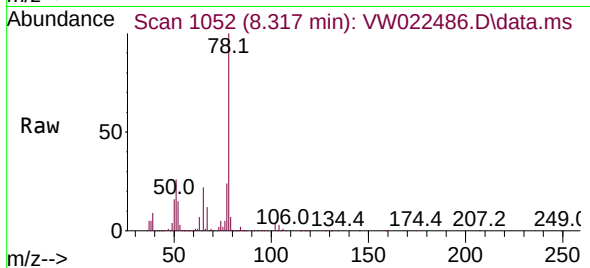
ClientSampleId :

Tgt Ion: 62 Resp: 6269

Ion Ratio Lower Upper

62 100

98 8.0 6.2 9.2



#33

Benzene

Concen: 22.339 ug/L

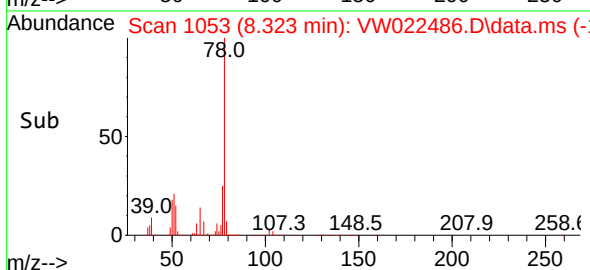
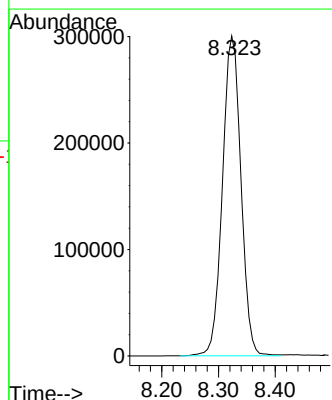
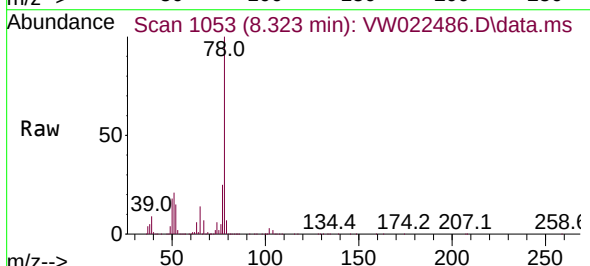
RT: 8.323 min Scan# 1053

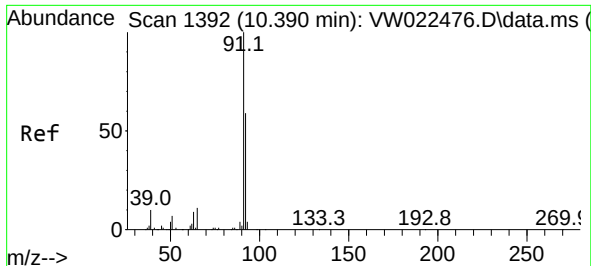
Delta R.T. 0.000 min

Lab File: VW022486.D

Acq: 11 Apr 2022 16:33

Tgt Ion: 78 Resp: 679846

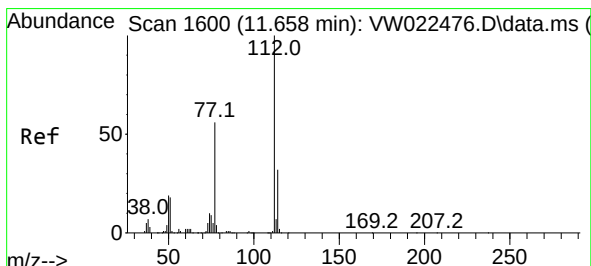
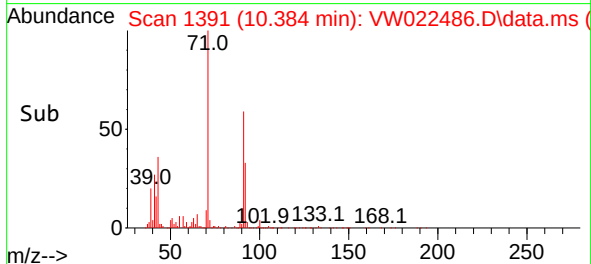
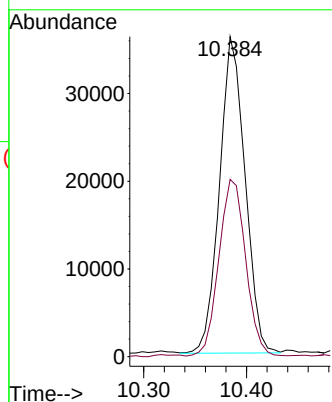
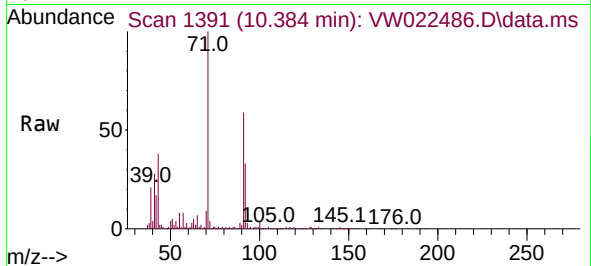




#42
Toluene
Concen: 1.787 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022486.D
Acq: 11 Apr 2022 16:33

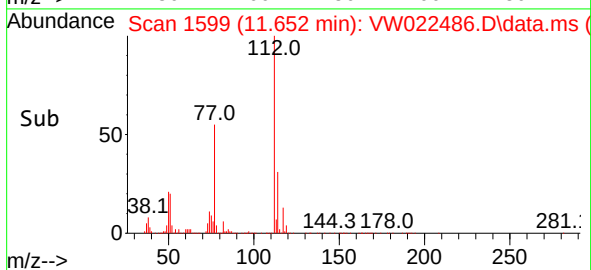
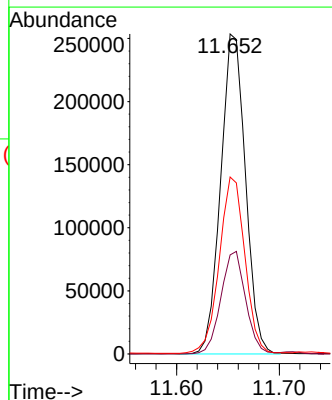
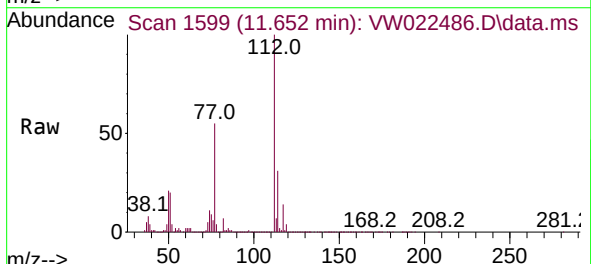
Instrument :
MSVOA_W
ClientSampleId :

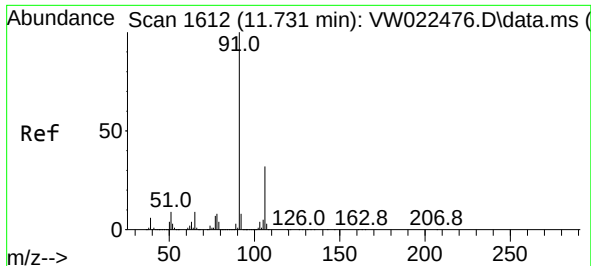
Tgt Ion: 91 Resp: 62310
Ion Ratio Lower Upper
91 100
92 55.4 38.0 70.6



#51
Chlorobenzene
Concen: 19.926 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022486.D
Acq: 11 Apr 2022 16:33

Tgt Ion: 112 Resp: 424635
Ion Ratio Lower Upper
112 100
114 30.9 20.5 38.1
77 55.3 48.1 72.1

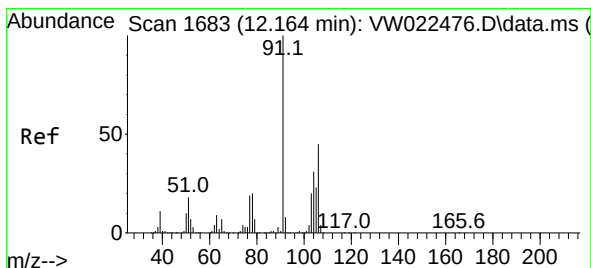
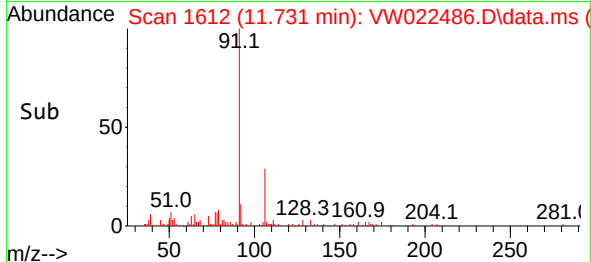
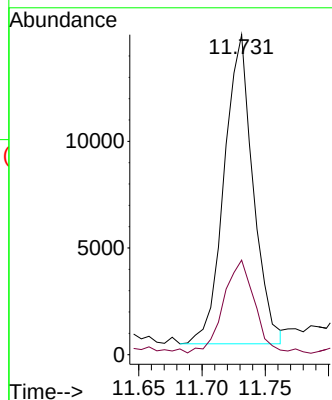
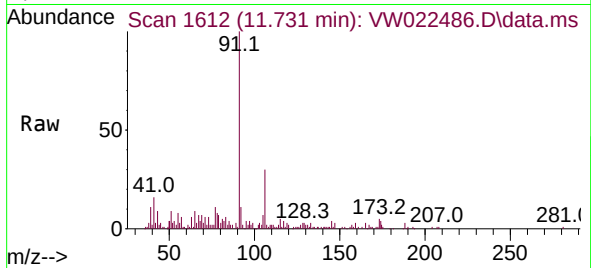




#52
Ethylbenzene
Concen: 0.589 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022486.D
Acq: 11 Apr 2022 16:33

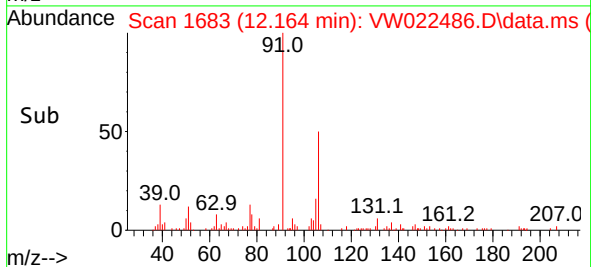
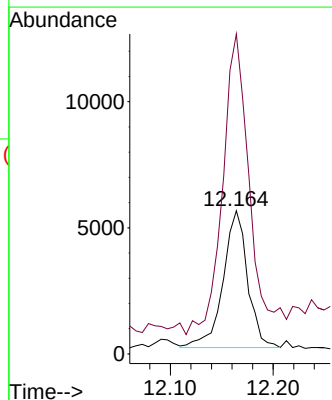
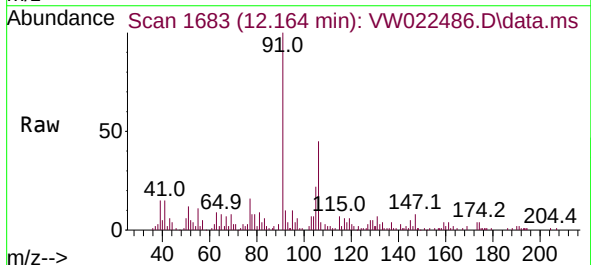
Instrument :
MSVOA_W
ClientSampleId :

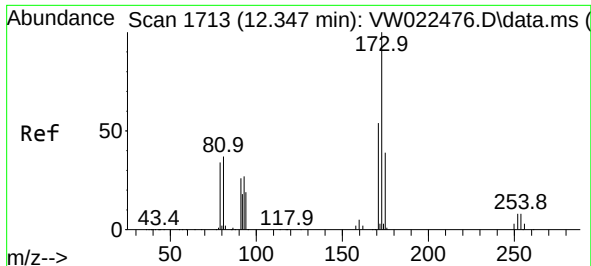
Tgt Ion: 91 Resp: 23040
Ion Ratio Lower Upper
91 100
106 29.6 20.5 38.1



#54
o-Xylene
Concen: 0.633 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022486.D
Acq: 11 Apr 2022 16:33

Tgt Ion: 106 Resp: 8997
Ion Ratio Lower Upper
106 100
91 223.5 155.3 288.3

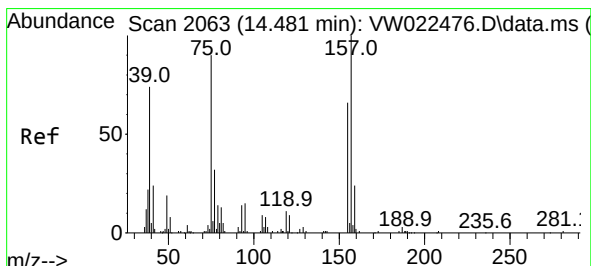
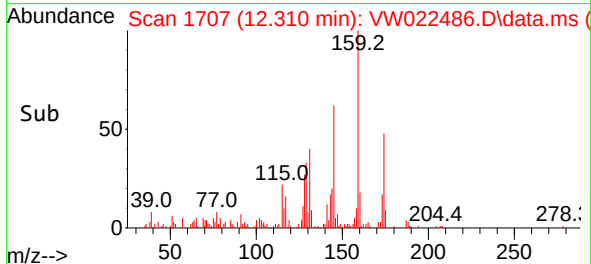
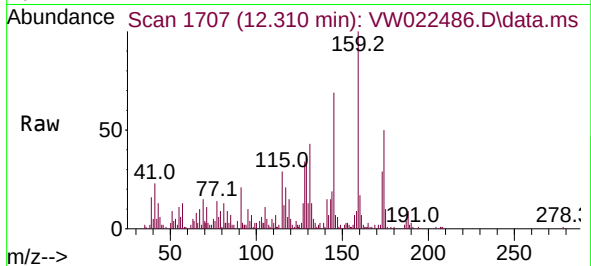




#59
Bromoform
Concen: 1.028 ug/L
RT: 12.310 min Scan# 11
Delta R.T. -0.037 min
Lab File: VW022486.D
Acq: 11 Apr 2022 16:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:173 Resp: 3812
Ion Ratio Lower Upper
173 100
175 24.0 39.2 58.8#
254 0.0 6.6 9.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 6.488 ug/L
RT: 14.462 min Scan# 2060
Delta R.T. -0.018 min
Lab File: VW022486.D
Acq: 11 Apr 2022 16:33

Tgt Ion: 75 Resp: 7989
Ion Ratio Lower Upper
75 100
155 6.7 55.6 83.4#
157 17.1 69.8 104.6#

