

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022484.D
 Acq On : 11 Apr 2022 15:45
 Operator : SY/VA
 Sample : N2316-05
 Misc : 6.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 23:58:48 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)

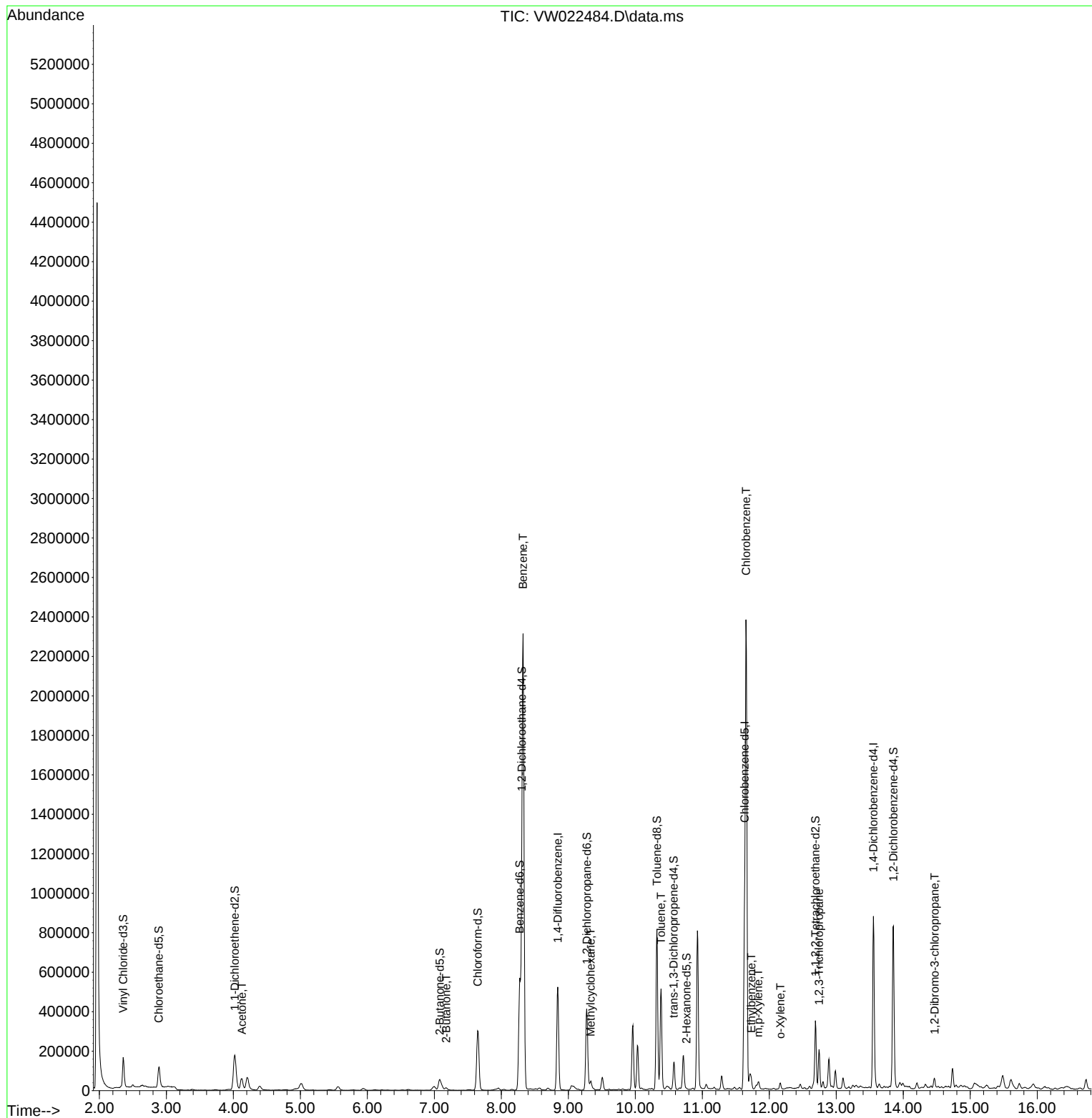
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	432021	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	415601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	213406	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	157793	16.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.080%
7) Chloroethane-d5	2.885	69	120116	20.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.280%
11) 1,1-Dichloroethene-d2	4.019	63	174769	14.109	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.440%
21) 2-Butanone-d5	7.080	46	80501	48.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.560%
24) Chloroform-d	7.647	84	300685	22.267	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.080%
26) 1,2-Dichloroethane-d4	8.305	65	176251	22.844	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.360%
32) Benzene-d6	8.275	84	556285	21.908	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.640%
36) 1,2-Dichloropropane-d6	9.275	67	171532	23.344	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.360%
41) Toluene-d8	10.323	98	522507	21.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.040%
43) trans-1,3-Dichloroprop...	10.573	79	74673	21.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.120%
47) 2-Hexanone-d5	10.762	63	75	0.055	ug/L	-0.16
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.100%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	156051	24.976	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	193369	25.582	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.320%
Target Compounds						Qvalue
13) Acetone	4.129	43	103768	91.403	ug/L	94
22) 2-Butanone	7.177	43	17864	10.418	ug/L	81
33) Benzene	8.323	78	2163596	76.678	ug/L	100
35) Methylcyclohexane	9.335	83	16486	1.216	ug/L	95
42) Toluene	10.384	91	169621	5.246	ug/L	96
51) Chlorobenzene	11.652	112	1228794	62.191	ug/L	97
52) Ethylbenzene	11.731	91	34084	0.940	ug/L	99
53) m,p-Xylene	11.835	106	9638	0.699	ug/L	85
54) o-Xylene	12.164	106	8638	0.656	ug/L	100
61) 1,2,3-Trichloropropane	12.743	75	8687	1.914	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	14.469	75	9899	9.402	ug/L #	15

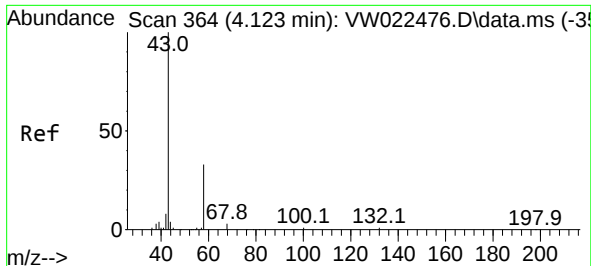
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

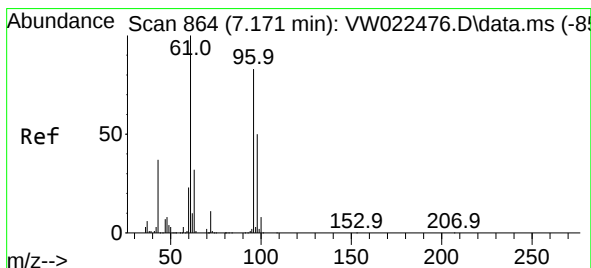
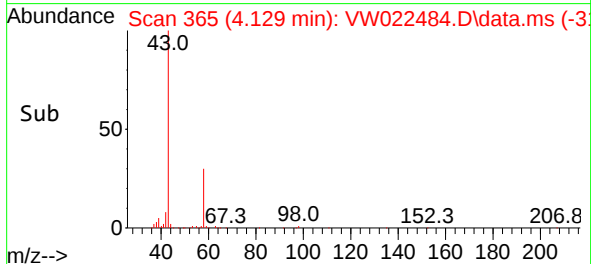
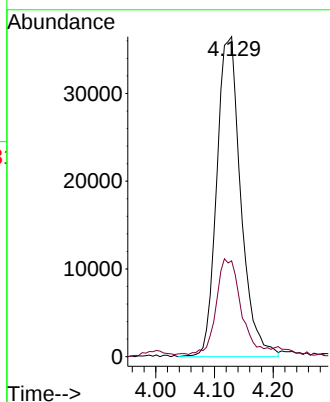
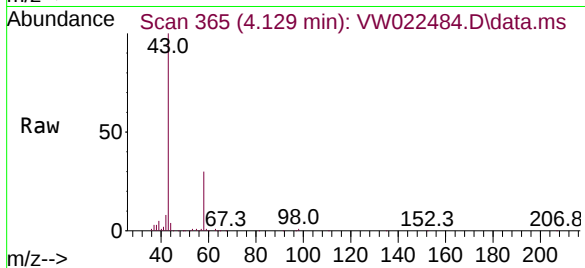




#13
Acetone
Concen: 91.403 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW022484.D
Acq: 11 Apr 2022 15:45

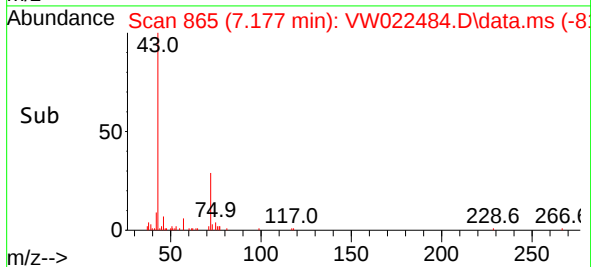
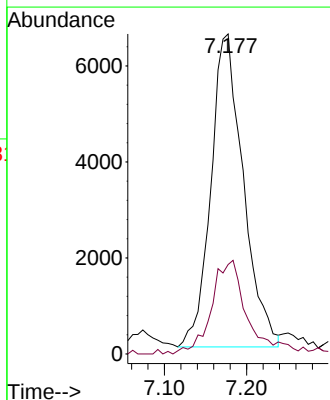
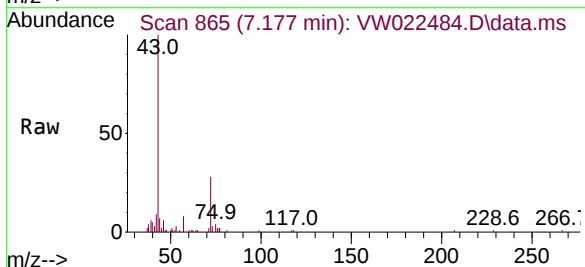
Instrument :
MSVOA_W
ClientSampleId :

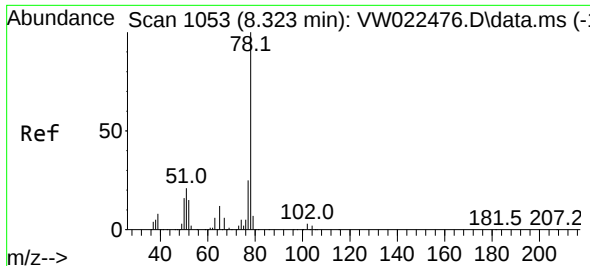
Tgt Ion: 43 Resp: 103768
Ion Ratio Lower Upper
43 100
58 31.9 0.0 57.0



#22
2-Butanone
Concen: 10.418 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022484.D
Acq: 11 Apr 2022 15:45

Tgt Ion: 43 Resp: 17864
Ion Ratio Lower Upper
43 100
72 17.8 14.0 42.0

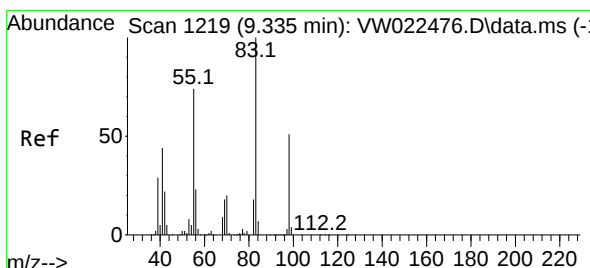
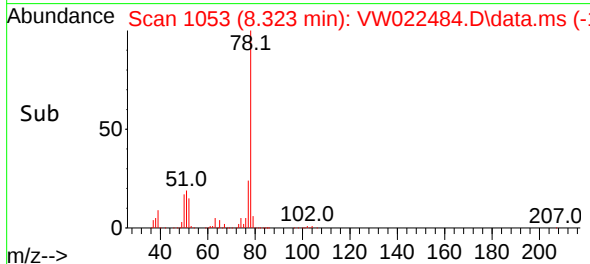
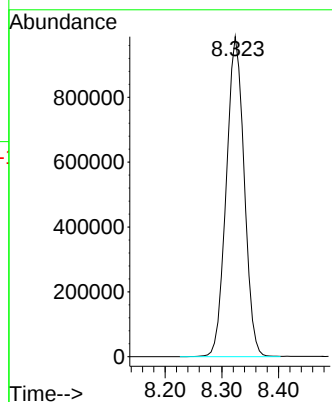
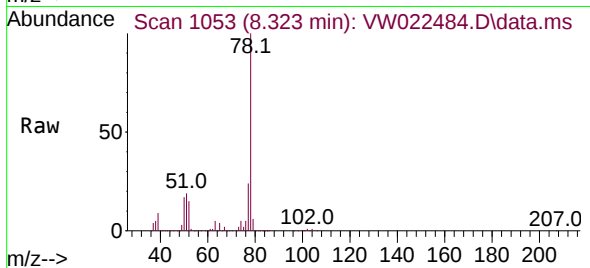




#33
Benzene
Concen: 76.678 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022484.D
Acq: 11 Apr 2022 15:45

Instrument :
MSVOA_W
ClientSampleId :

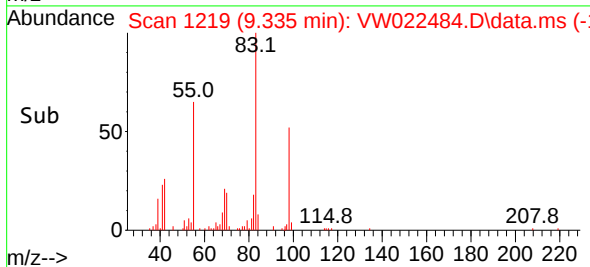
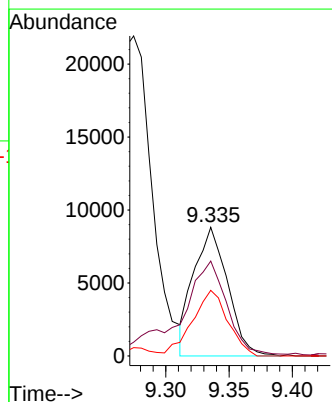
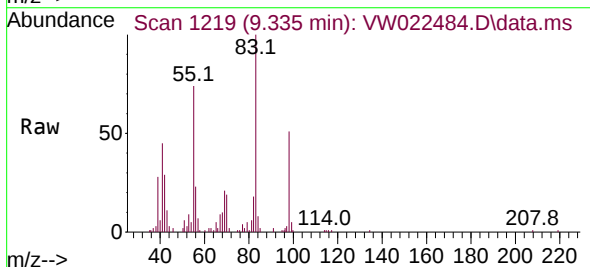
Tgt Ion: 78 Resp: 2163596

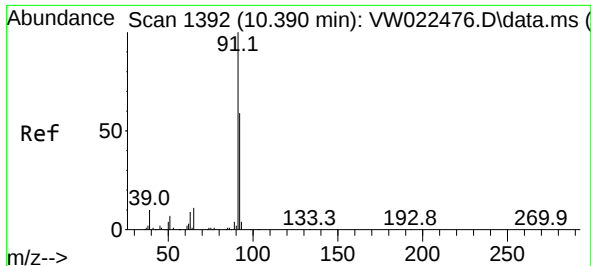


#35
Methylcyclohexane
Concen: 1.216 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022484.D
Acq: 11 Apr 2022 15:45

Tgt Ion: 83 Resp: 16486

Ion	Ratio	Lower	Upper
83	100		
55	80.7	61.0	91.6
98	53.1	39.2	58.8

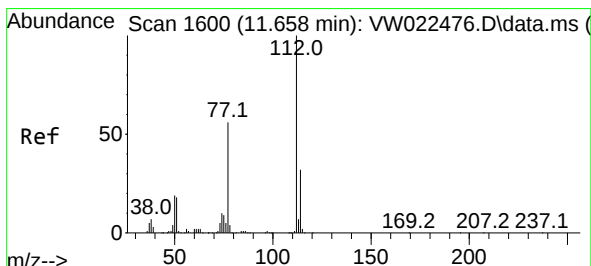
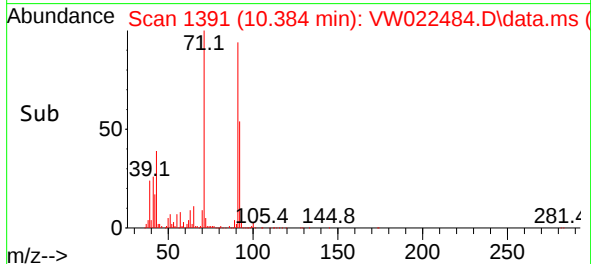
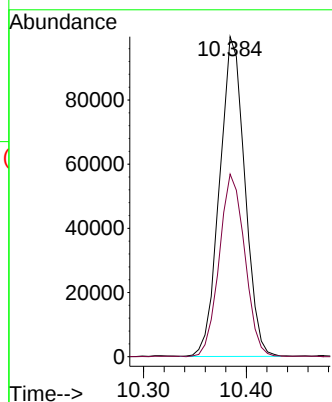
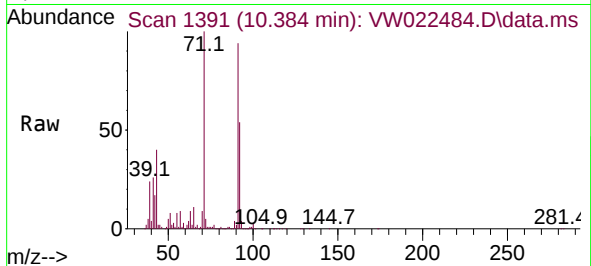




#42
Toluene
Concen: 5.246 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022484.D
Acq: 11 Apr 2022 15:45

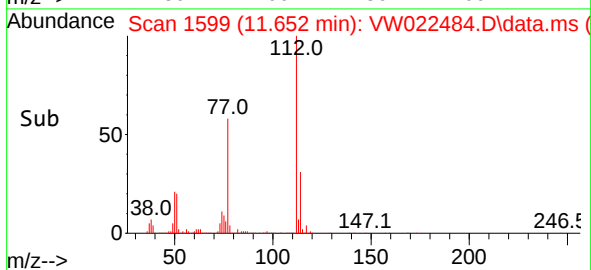
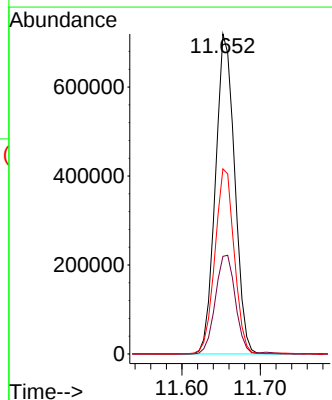
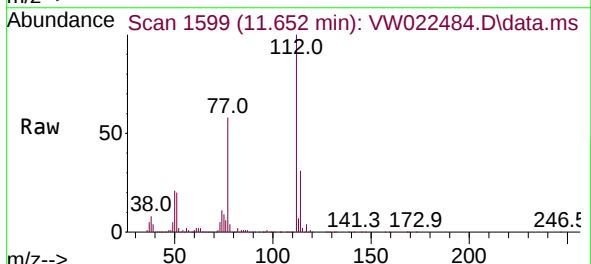
Instrument :
MSVOA_W
ClientSampleId :

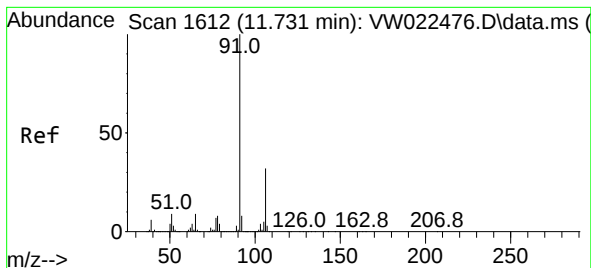
Tgt Ion: 91 Resp: 169621
Ion Ratio Lower Upper
91 100
92 57.1 38.0 70.6



#51
Chlorobenzene
Concen: 62.191 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022484.D
Acq: 11 Apr 2022 15:45

Tgt Ion: 112 Resp: 1228794
Ion Ratio Lower Upper
112 100
114 30.5 20.5 38.1
77 57.8 48.1 72.1

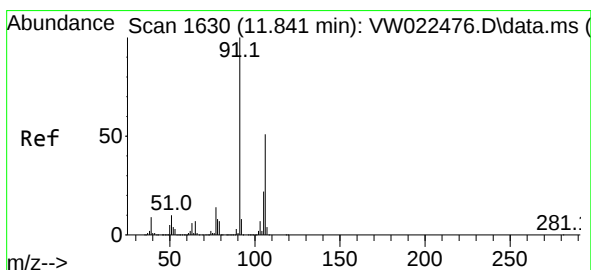
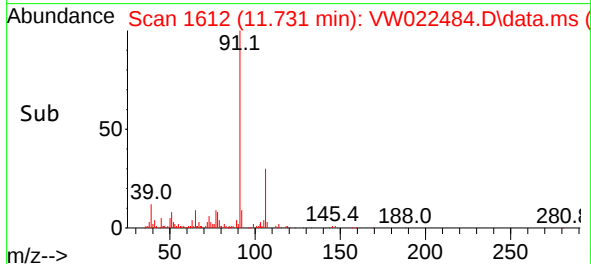
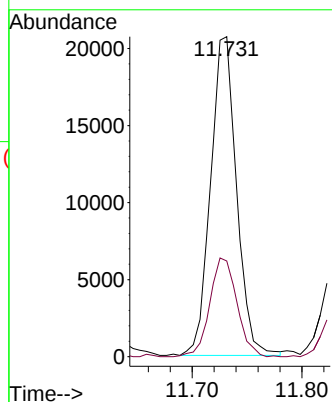
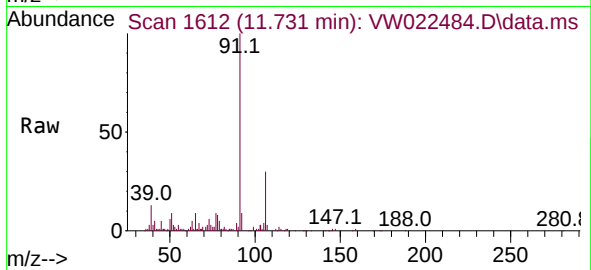




#52
Ethylbenzene
Concen: 0.940 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022484.D
Acq: 11 Apr 2022 15:45

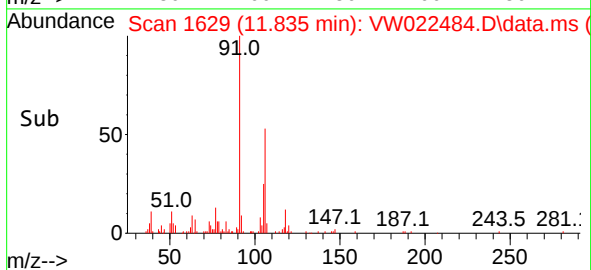
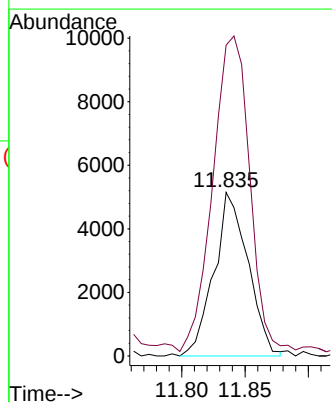
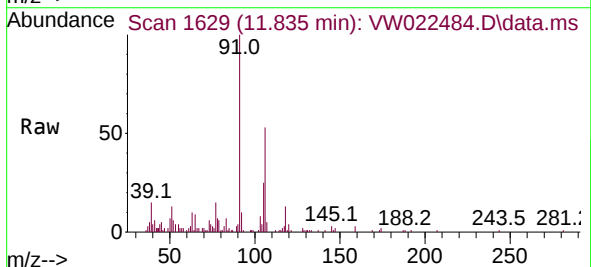
Instrument :
MSVOA_W
ClientSampleId :

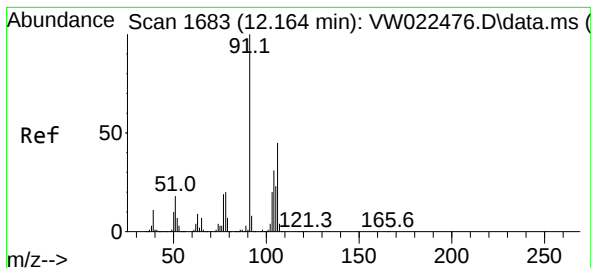
Tgt Ion: 91 Resp: 34084
Ion Ratio Lower Upper
91 100
106 29.9 20.5 38.1



#53
m,p-Xylene
Concen: 0.699 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022484.D
Acq: 11 Apr 2022 15:45

Tgt Ion:106 Resp: 9638
Ion Ratio Lower Upper
106 100
91 190.0 149.9 278.5





#54

o-Xylene

Concen: 0.656 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022484.D

Acq: 11 Apr 2022 15:45

Instrument :

MSVOA_W

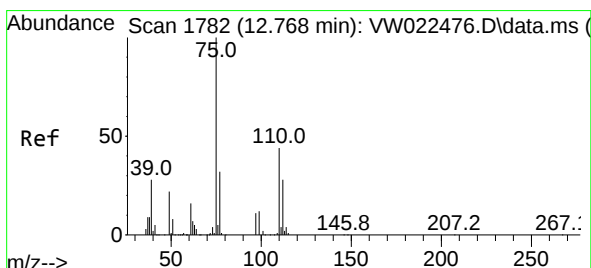
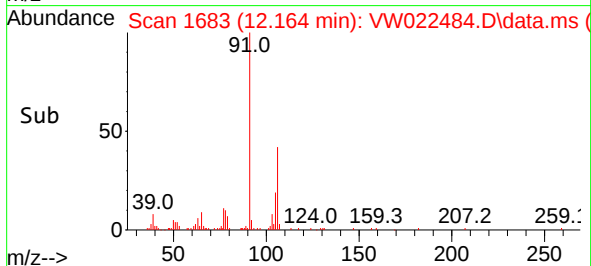
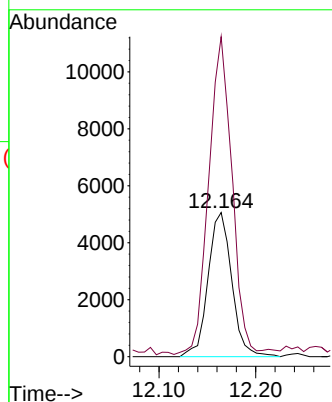
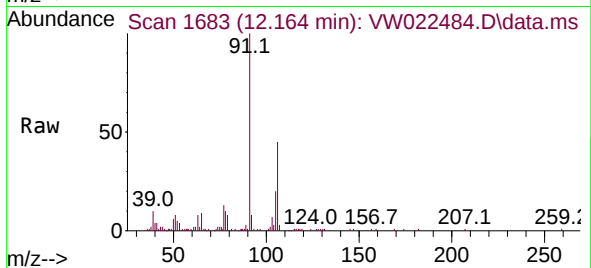
ClientSampleId :

Tgt Ion:106 Resp: 8638

Ion Ratio Lower Upper

106 100

91 221.9 155.3 288.3



#61

1,2,3-Trichloropropane

Concen: 1.914 ug/L

RT: 12.743 min Scan# 1778

Delta R.T. -0.024 min

Lab File: VW022484.D

Acq: 11 Apr 2022 15:45

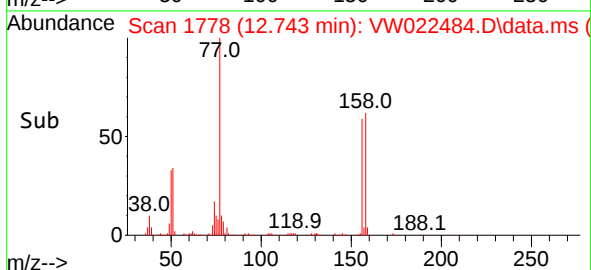
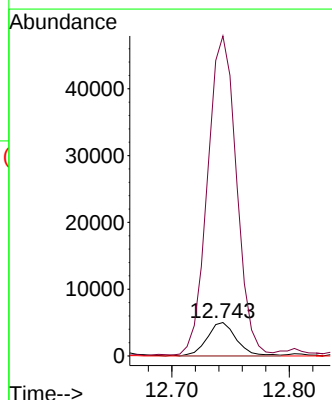
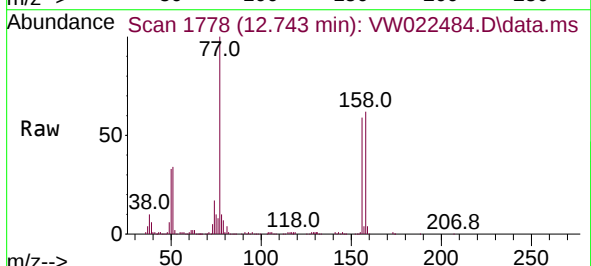
Tgt Ion: 75 Resp: 8687

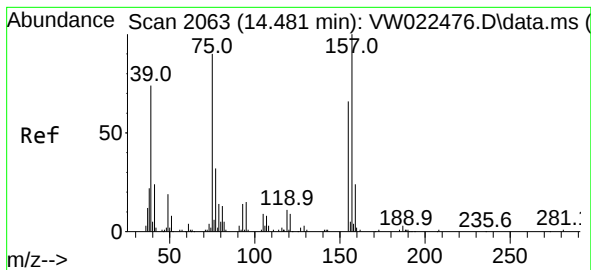
Ion Ratio Lower Upper

75 100

77 941.3 25.7 38.5#

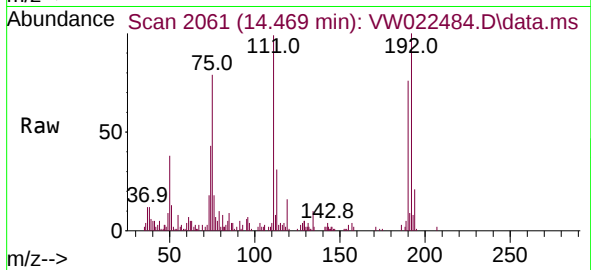
110 0.0 31.8 47.6#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 9.402 ug/L
 RT: 14.469 min Scan# 2061
 Delta R.T. -0.012 min
 Lab File: VW022484.D
 Acq: 11 Apr 2022 15:45

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 9899
 Ion Ratio Lower Upper
 75 100
 155 4.1 55.6 83.4#
 157 5.6 69.8 104.6#

