

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022478.D
 Acq On : 11 Apr 2022 13:12
 Operator : SY/VA
 Sample : N2293-22
 Misc : 6.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 23:57:11 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)

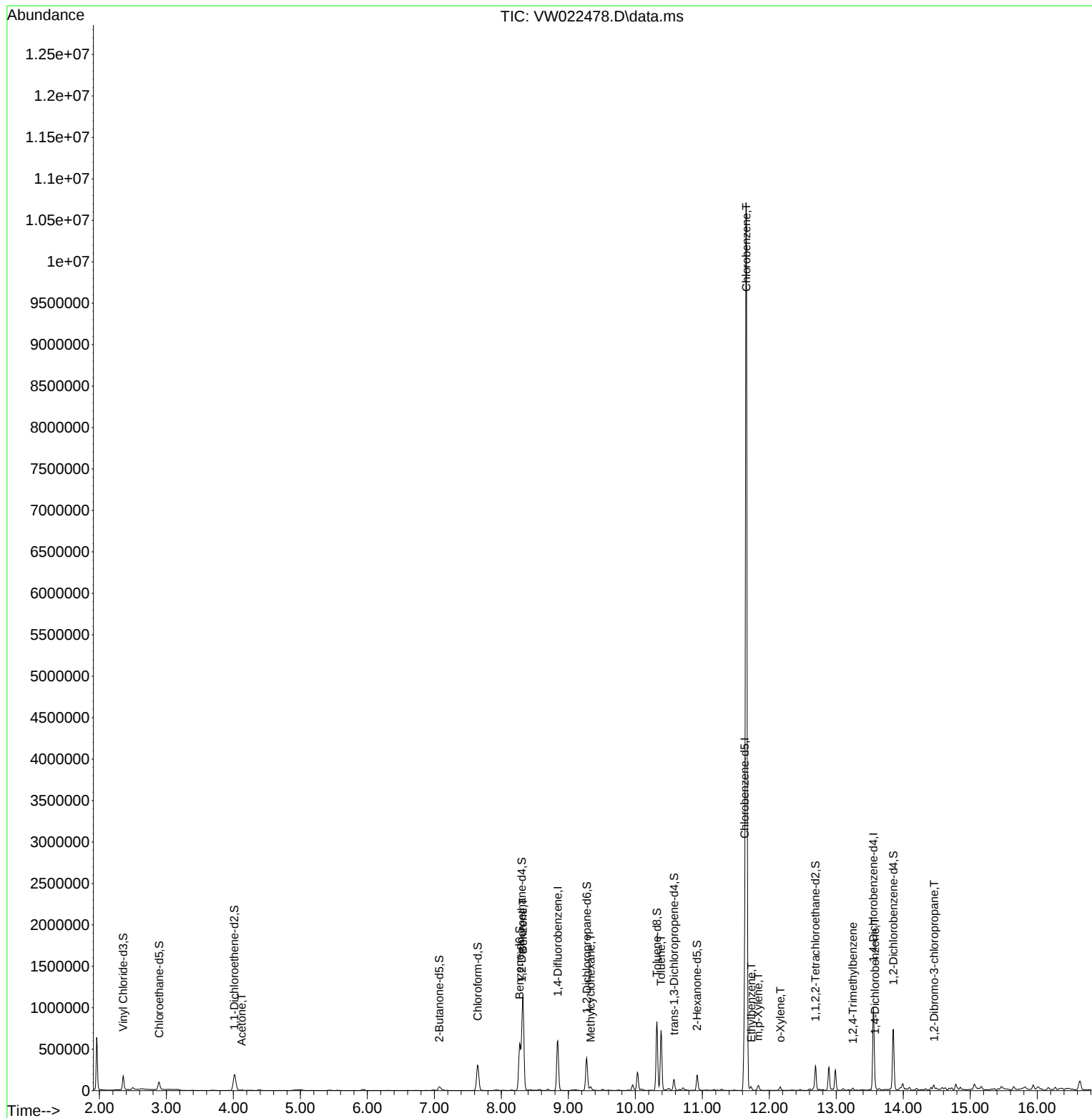
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	501381	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	470884	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241340	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	153065	13.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.240%
7) Chloroethane-d5	2.892	69	99621	14.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.360%
11) 1,1-Dichloroethene-d2	4.013	63	184389	12.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.320%
21) 2-Butanone-d5	7.074	46	72073	37.245	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.480%
24) Chloroform-d	7.647	84	298608	19.054	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	8.305	65	167232	18.677	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.720%
32) Benzene-d6	8.275	84	553749	19.248	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	9.275	67	166897	20.047	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.200%
41) Toluene-d8	10.323	98	523984	18.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	10.579	79	68184	17.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.400%
47) 2-Hexanone-d5	10.921	63	60320	38.942	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.880%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135498	19.141	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	179488	20.997	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.000%
Target Compounds						Qvalue
13) Acetone	4.123	43	9006	6.835	ug/L	75
33) Benzene	8.323	78	1009316	31.571	ug/L	100
35) Methylcyclohexane	9.335	83	16858	1.098	ug/L	91
42) Toluene	10.384	91	480429	13.114	ug/L	97
51) Chlorobenzene	11.658	112	5503962	245.858	ug/L	96
52) Ethylbenzene	11.731	91	26319	0.641	ug/L	95
53) m,p-Xylene	11.835	106	17059	1.093	ug/L	90
54) o-Xylene	12.164	106	10616	0.712	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	14412	0.430	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	15830	0.976	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.463	75	4631	3.889	ug/L #	11

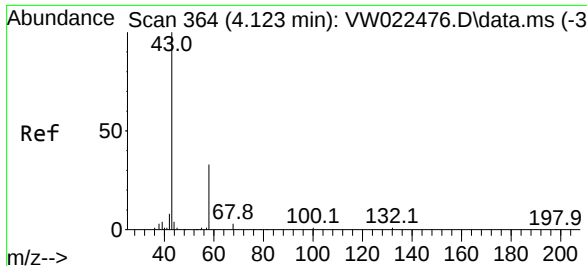
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

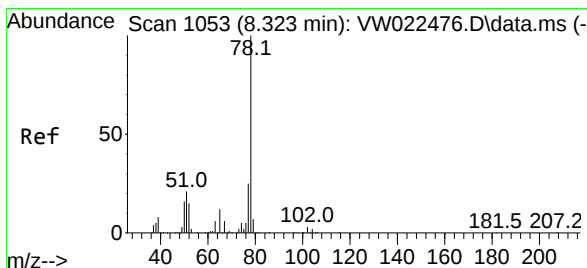
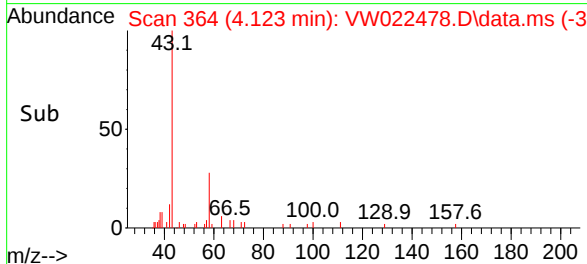
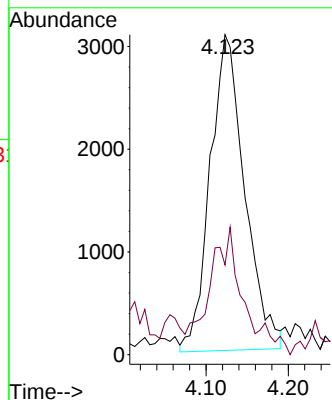
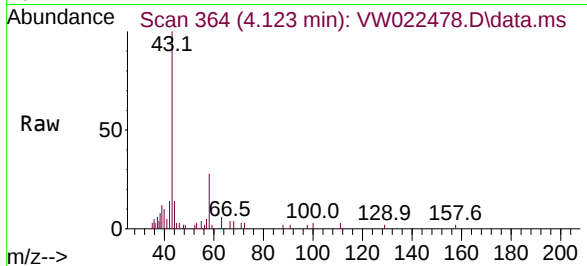




#13
Acetone
Concen: 6.835 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

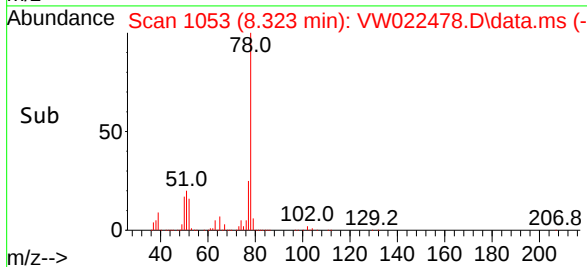
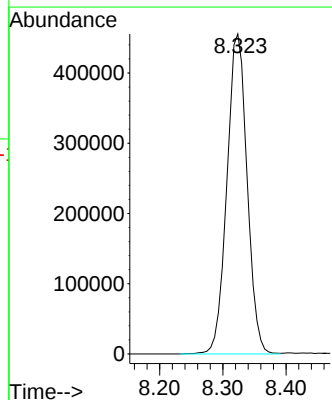
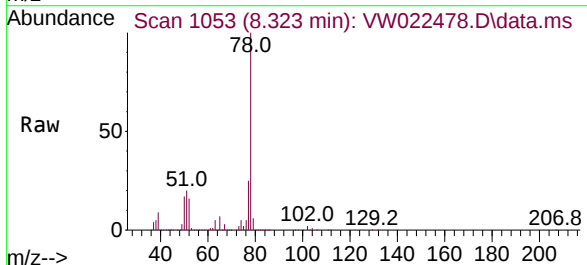
Instrument :
MSVOA_W
ClientSampleId :

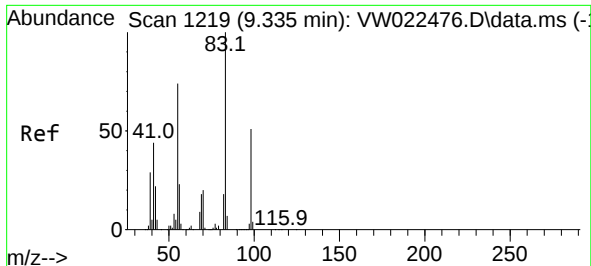
Tgt Ion: 43 Resp: 9006
Ion Ratio Lower Upper
43 100
58 15.3 0.0 57.0



#33
Benzene
Concen: 31.571 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

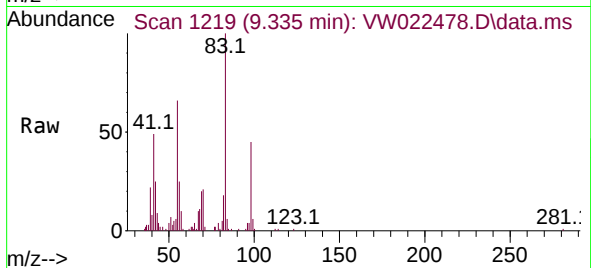
Tgt Ion: 78 Resp: 1009316



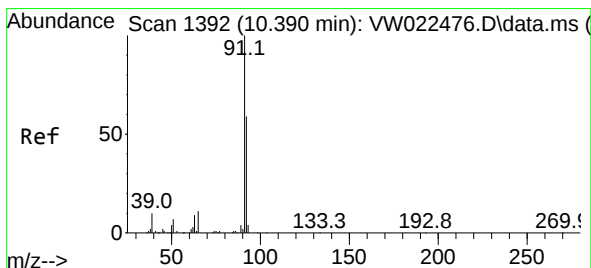
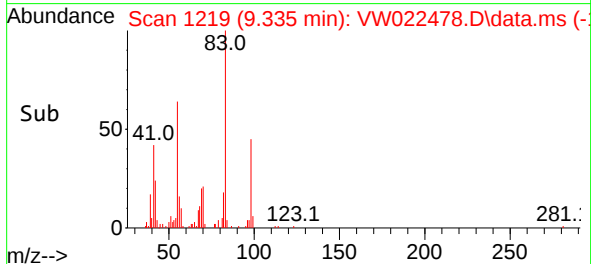
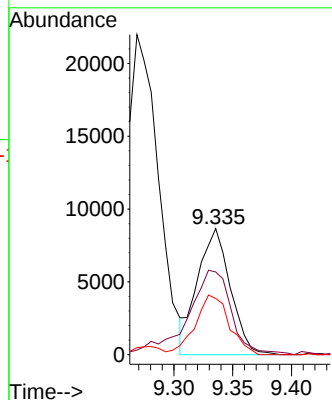


#35
Methylcyclohexane
Concen: 1.098 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

Instrument :
MSVOA_W
ClientSampleId :

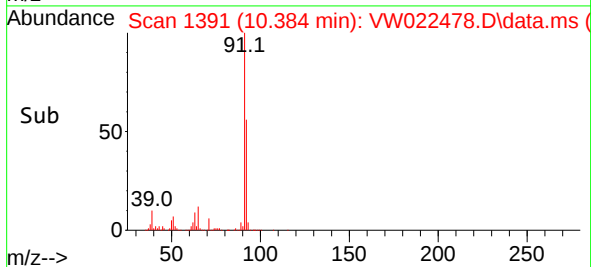
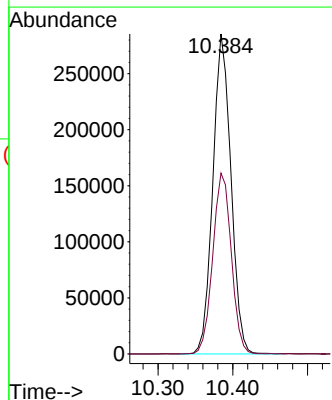
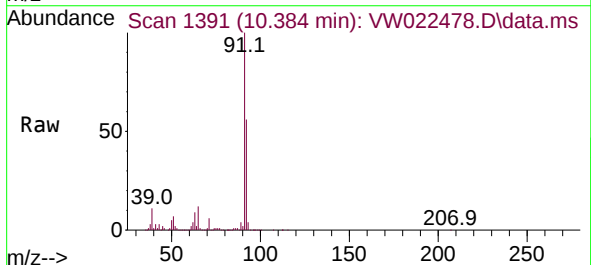


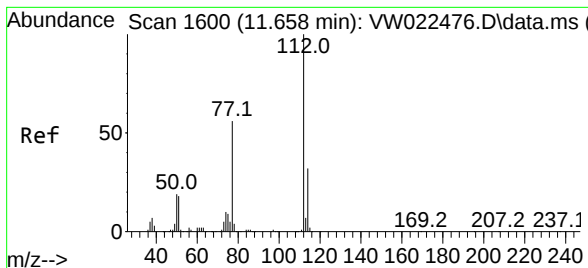
Tgt Ion: 83 Resp: 16858
Ion Ratio Lower Upper
83 100
55 89.5 61.0 91.6
98 48.8 39.2 58.8



#42
Toluene
Concen: 13.114 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

Tgt Ion: 91 Resp: 480429
Ion Ratio Lower Upper
91 100
92 56.5 38.0 70.6

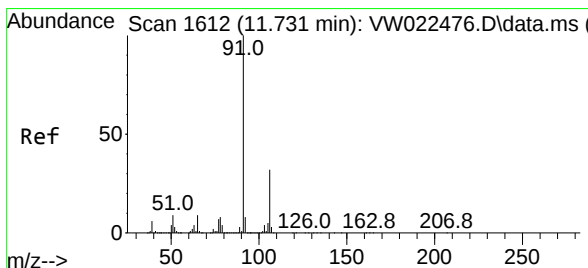
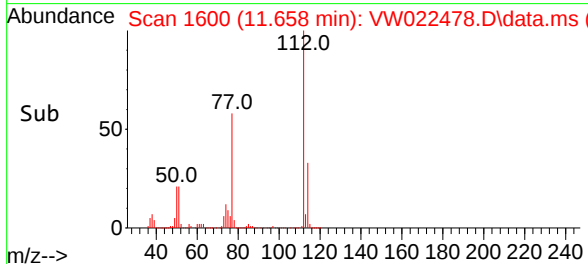
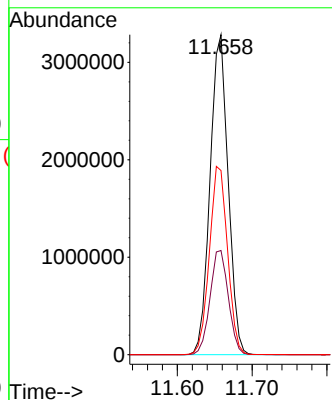
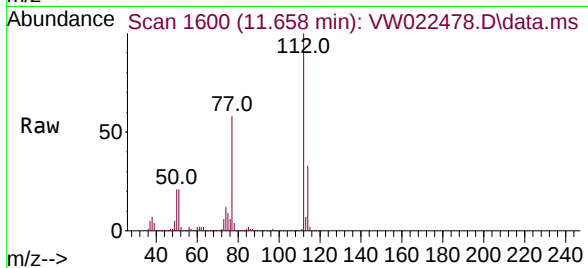




#51
Chlorobenzene
Concen: 245.858 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

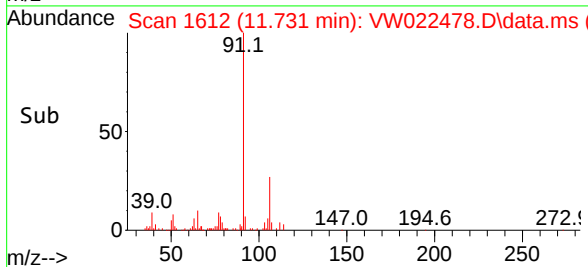
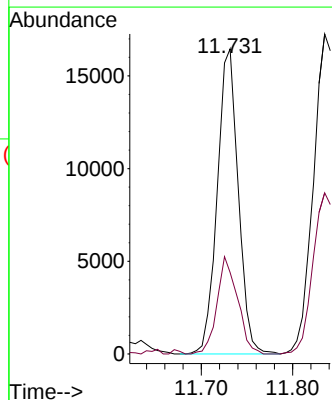
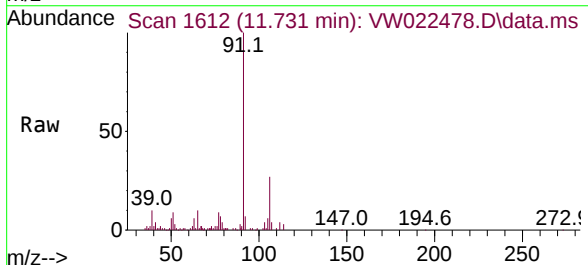
Instrument :
MSVOA_W
ClientSampleId :

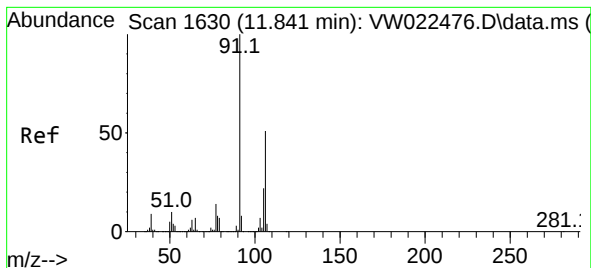
Tgt Ion:112 Resp: 5503962
Ion Ratio Lower Upper
112 100
114 32.6 20.5 38.1
77 57.6 48.1 72.1



#52
Ethylbenzene
Concen: 0.641 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

Tgt Ion: 91 Resp: 26319
Ion Ratio Lower Upper
91 100
106 26.7 20.5 38.1

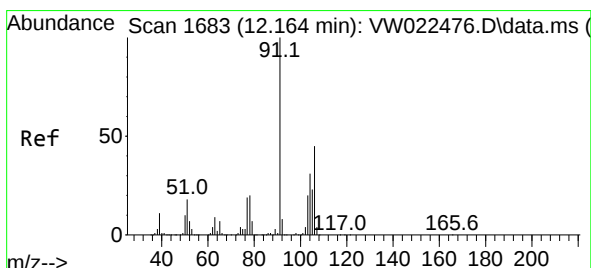
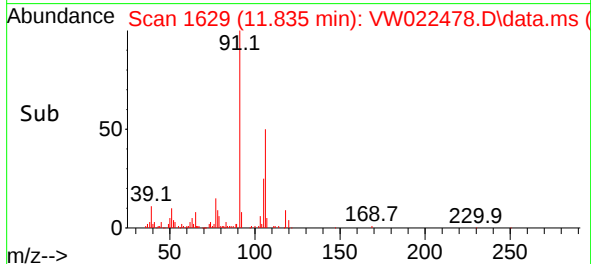
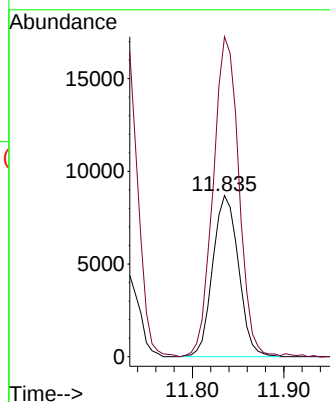
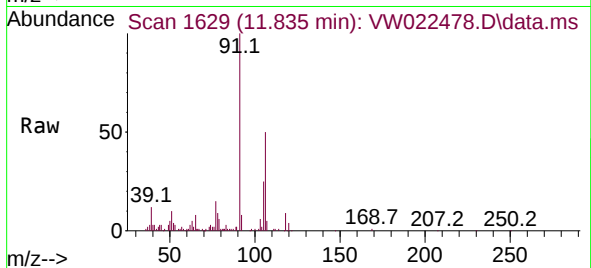




#53
m,p-Xylene
Concen: 1.093 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

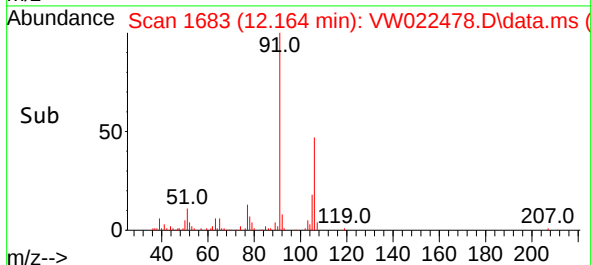
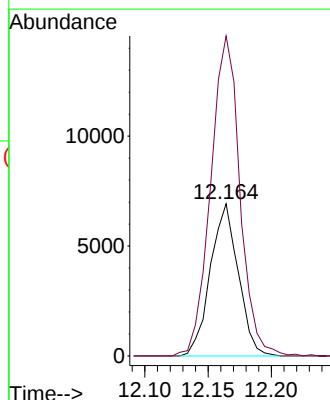
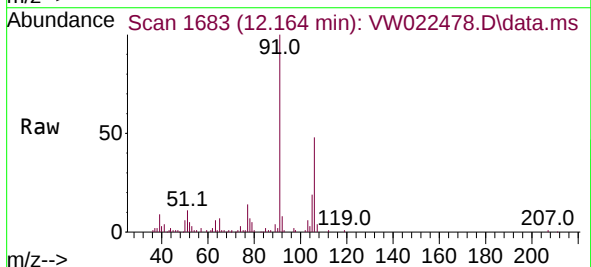
Instrument :
MSVOA_W
ClientSampleId :

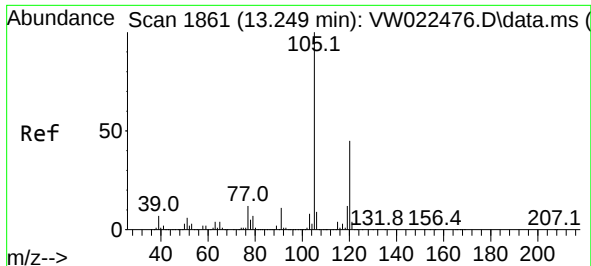
Tgt Ion:106 Resp: 17059
Ion Ratio Lower Upper
106 100
91 198.6 149.9 278.5



#54
o-Xylene
Concen: 0.712 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

Tgt Ion:106 Resp: 10616
Ion Ratio Lower Upper
106 100
91 210.3 155.3 288.3

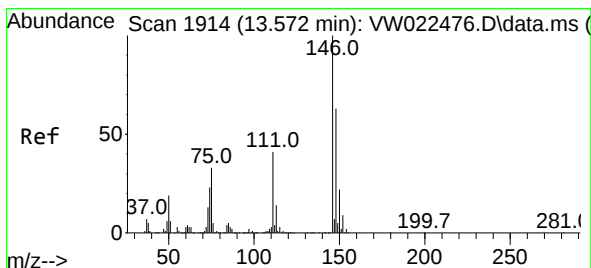
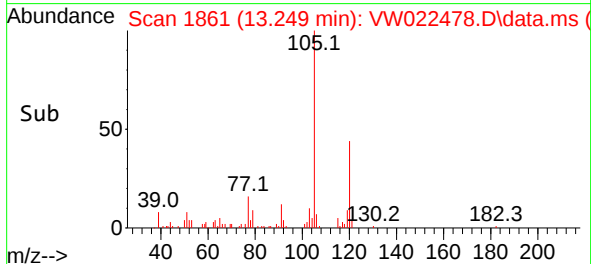
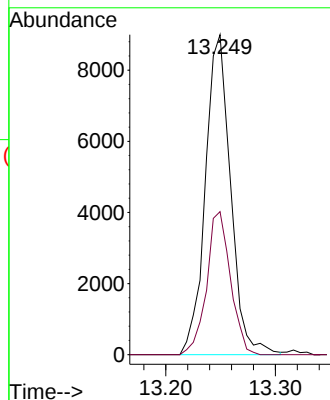
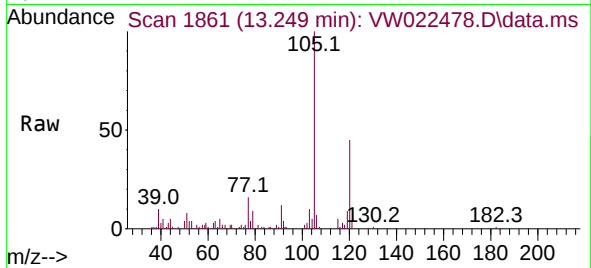




#63
1,2,4-Trimethylbenzene
Concen: 0.430 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

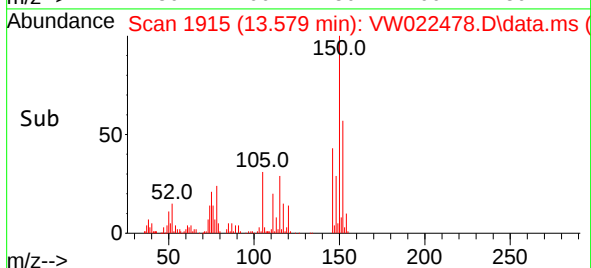
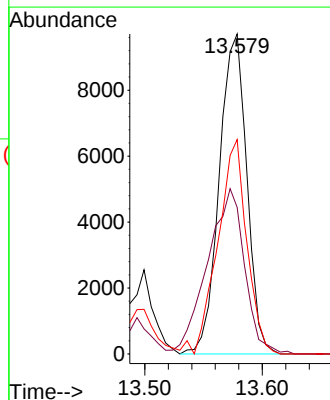
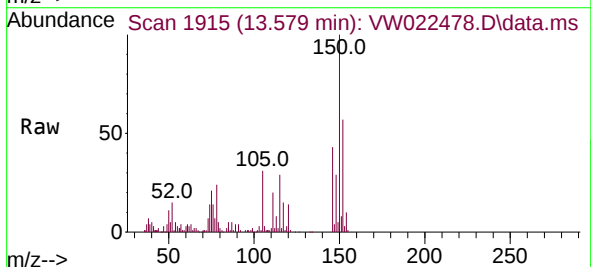
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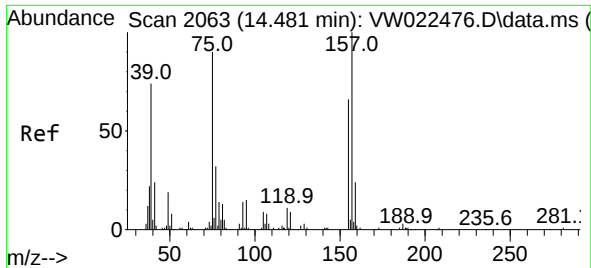
Tgt Ion:105 Resp: 14412
Ion Ratio Lower Upper
105 100
120 42.1 34.2 51.2



#65
1,4-Dichlorobenzene
Concen: 0.976 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

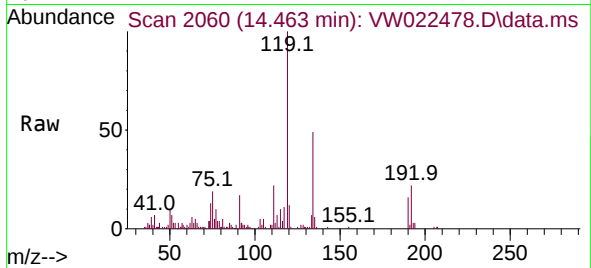
Tgt Ion:146 Resp: 15830
Ion Ratio Lower Upper
146 100
111 45.8 28.5 52.9
148 67.0 44.4 82.4





#68
1,2-Dibromo-3-chloropropane
Concen: 3.889 ug/L
RT: 14.463 min Scan# 2060
Delta R.T. -0.018 min
Lab File: VW022478.D
Acq: 11 Apr 2022 13:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 4631
Ion Ratio Lower Upper
75 100
155 2.7 55.6 83.4#
157 0.0 69.8 104.6#

