

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022491.D
 Acq On : 11 Apr 2022 18:33
 Operator : SY/VA
 Sample : N2316-12
 Misc : 6.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 12 00:00:27 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)

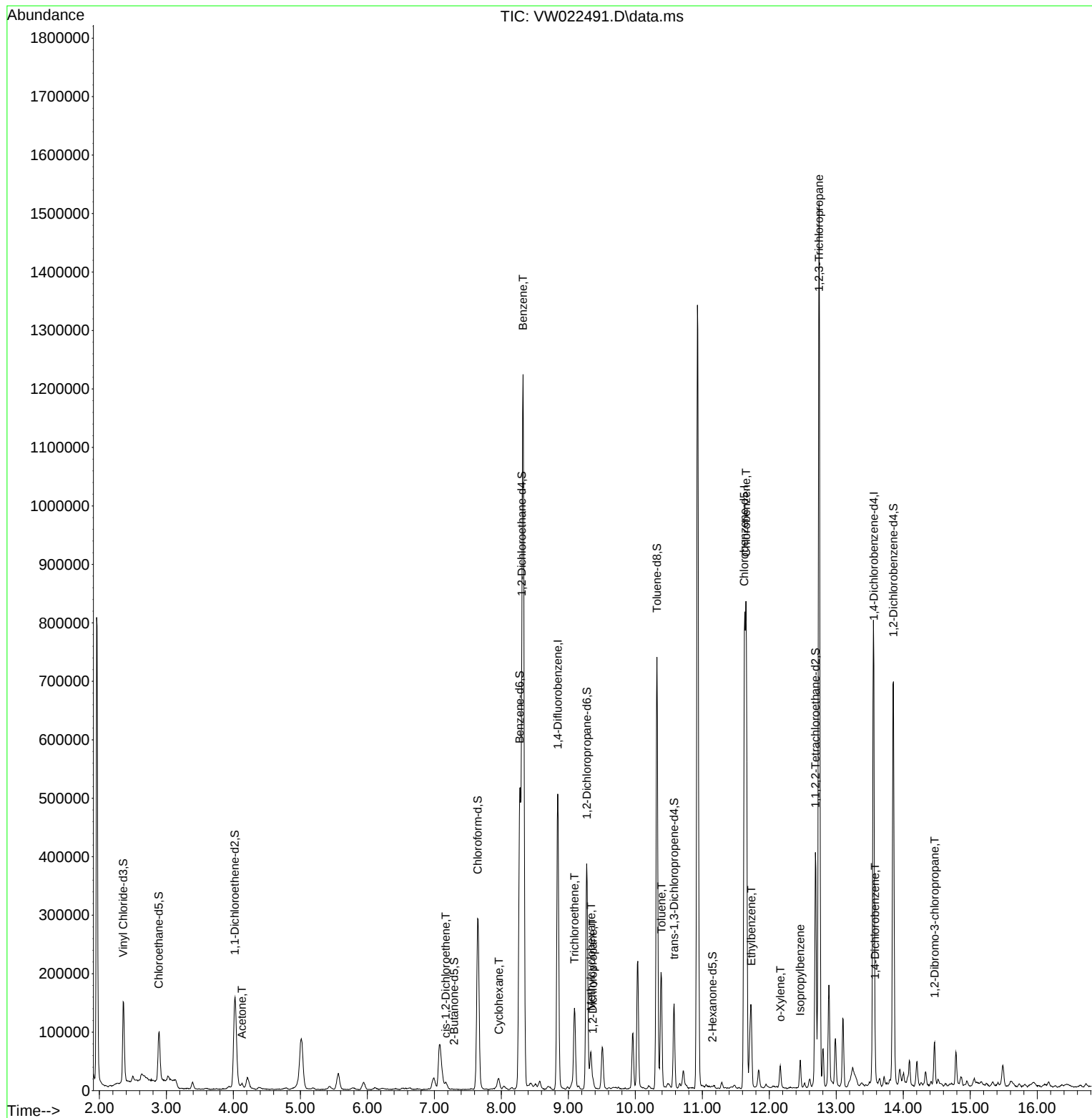
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	423983	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399250	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	193598	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137900	14.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.840%
7) Chloroethane-d5	2.885	69	97552	16.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.440%
11) 1,1-Dichloroethene-d2	4.019	63	147854	12.162	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.640%
21) 2-Butanone-d5	7.293	46	128	0.078	ug/L	0.22
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.160%#
24) Chloroform-d	7.647	84	291010	21.959	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.840%
26) 1,2-Dichloroethane-d4	8.305	65	185746	24.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.120%
32) Benzene-d6	8.275	84	519075	21.280	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.120%
36) 1,2-Dichloropropane-d6	9.275	67	165386	23.429	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.720%
41) Toluene-d8	10.323	98	474697	19.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.480%
43) trans-1,3-Dichloroprop...	10.579	79	75627	22.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.800%
47) 2-Hexanone-d5	11.152	63	88	0.067	ug/L	0.23
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.140%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	187958	31.315	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	175400	25.579	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.320%
Target Compounds						Qvalue
13) Acetone	4.129	43	14501	13.015	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	5769	0.817	ug/L #	73
29) Cyclohexane	7.964	56	9714	0.850	ug/L	91
33) Benzene	8.323	78	1102535	40.674	ug/L	100
34) Trichloroethene	9.092	95	44976	6.197	ug/L	96
35) Methylcyclohexane	9.342	83	25622	1.968	ug/L	92
37) 1,2-Dichloropropane	9.366	63	4033	0.621	ug/L	98
42) Toluene	10.390	91	107576	3.463	ug/L	95
51) Chlorobenzene	11.652	112	404469	21.309	ug/L	98
52) Ethylbenzene	11.731	91	87171	2.504	ug/L	94
54) o-Xylene	12.164	106	9376	0.741	ug/L	96
60) Isopropylbenzene	12.463	105	27709	0.862	ug/L	97
61) 1,2,3-Trichloropropane	12.743	75	62772	15.242	ug/L #	1
65) 1,4-Dichlorobenzene	13.579	146	13395	1.029	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.469	75	13257	13.880	ug/L #	14

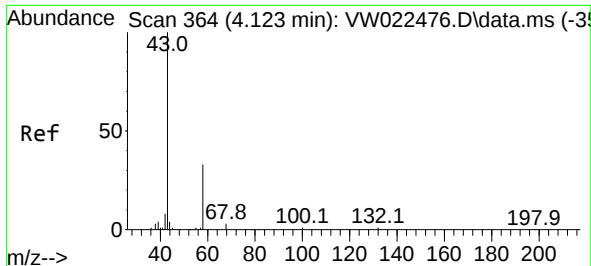
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

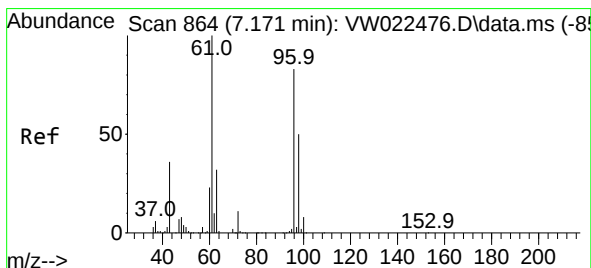
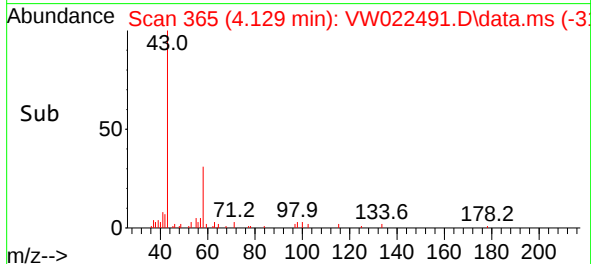
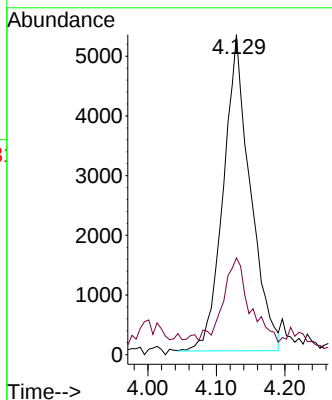
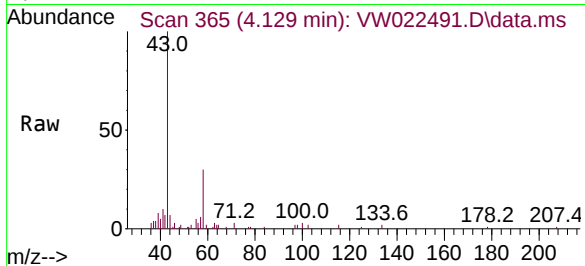




#13
Acetone
Concen: 13.015 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

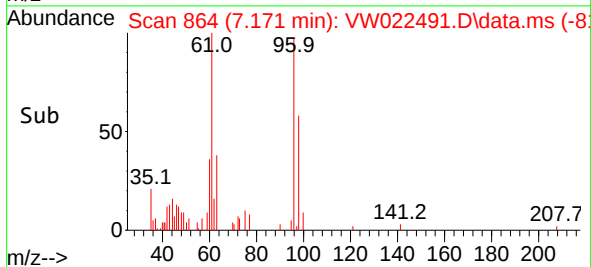
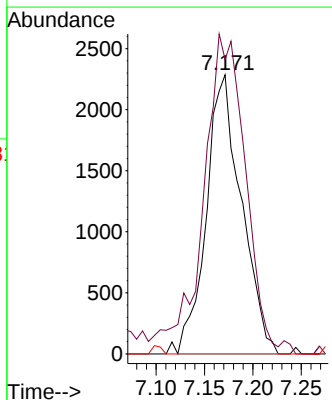
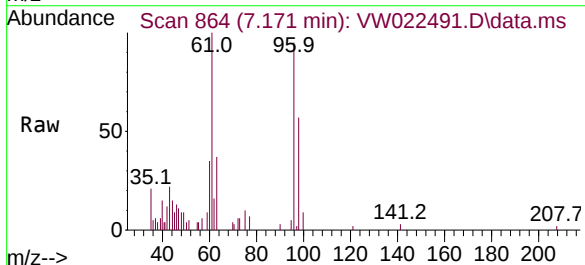
Instrument :
MSVOA_W
ClientSampleId :

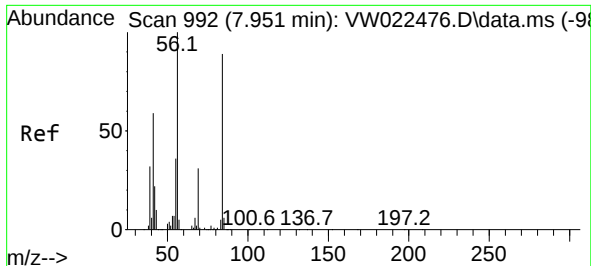
Tgt Ion: 43 Resp: 14501
Ion Ratio Lower Upper
43 100
58 30.6 0.0 57.0



#20
cis-1,2-Dichloroethene
Concen: 0.817 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

Tgt Ion: 96 Resp: 5769
Ion Ratio Lower Upper
96 100
61 105.5 96.4 179.0
68 0.0 0.1 0.3





#29

Cyclohexane

Concen: 0.850 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.012 min

Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

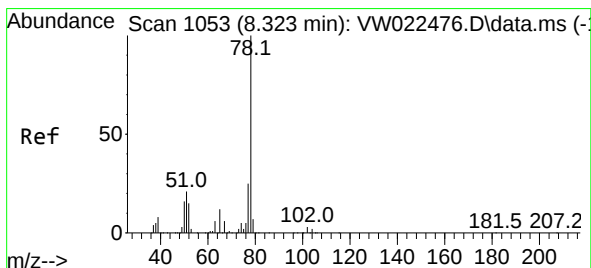
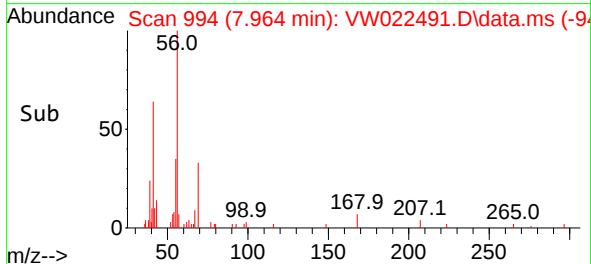
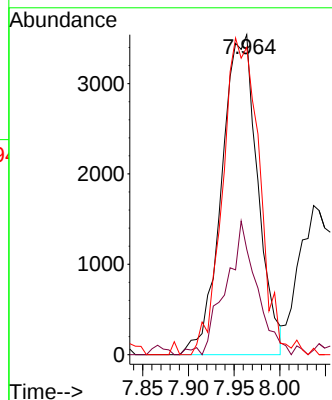
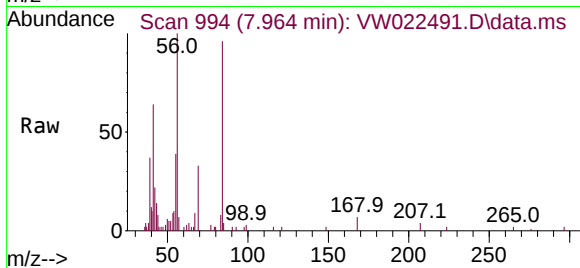
Tgt Ion: 56 Resp: 9714

Ion Ratio Lower Upper

56 100

69 35.2 24.4 36.6

84 99.9 72.6 108.8



#33

Benzene

Concen: 40.674 ug/L

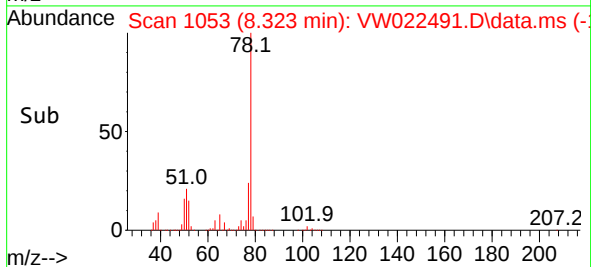
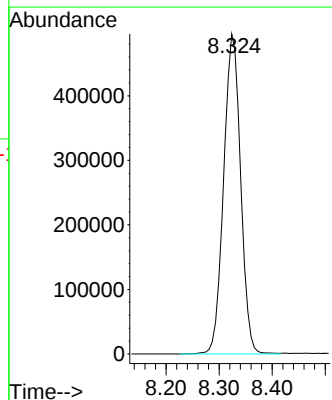
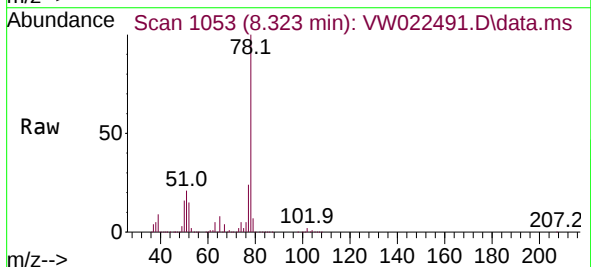
RT: 8.323 min Scan# 1053

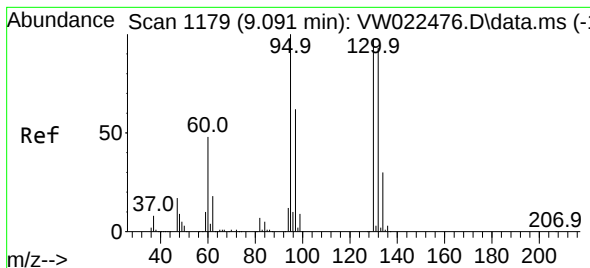
Delta R.T. 0.000 min

Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

Tgt Ion: 78 Resp: 1102535





#34

Trichloroethene

Concen: 6.197 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

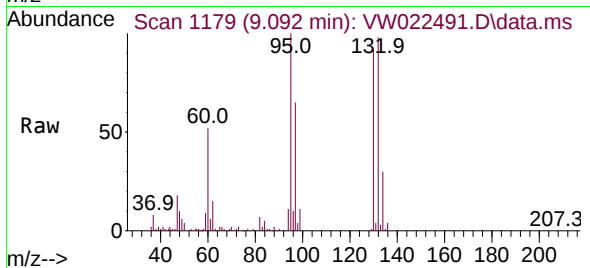
Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 44976

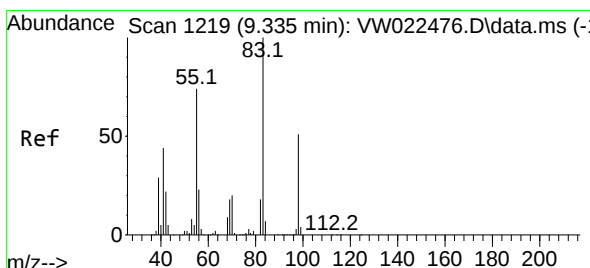
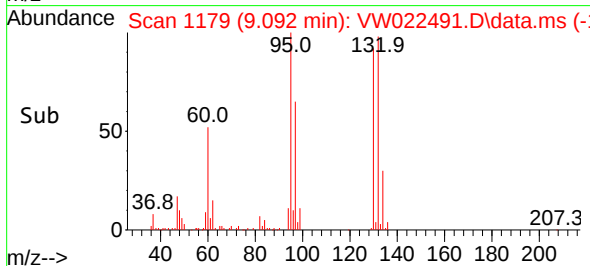
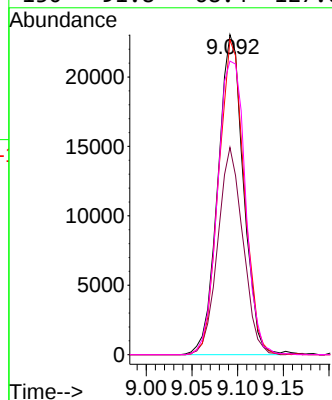
Ion Ratio Lower Upper

95 100

97 64.8 46.4 86.2

132 98.3 67.4 125.2

130 91.8 68.4 127.0



#35

Methylcyclohexane

Concen: 1.968 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

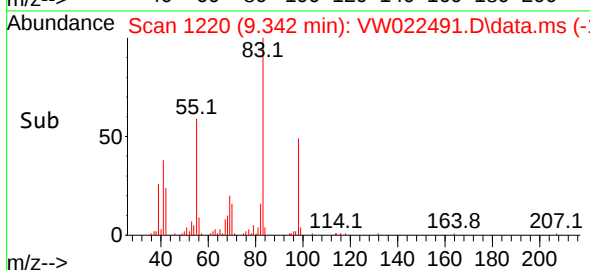
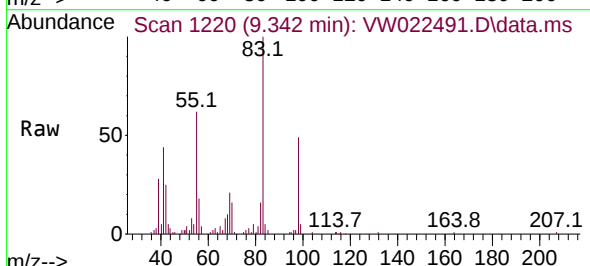
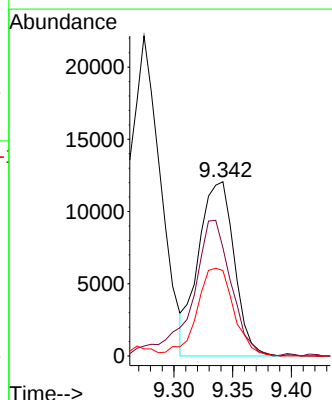
Tgt Ion: 83 Resp: 25622

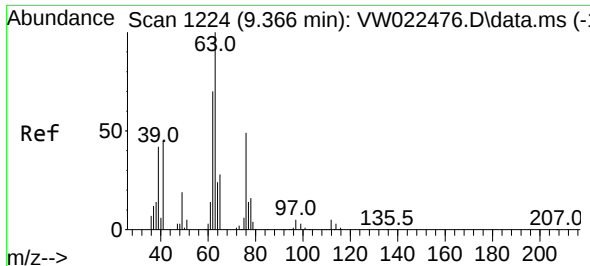
Ion Ratio Lower Upper

83 100

55 85.0 61.0 91.6

98 51.7 39.2 58.8





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

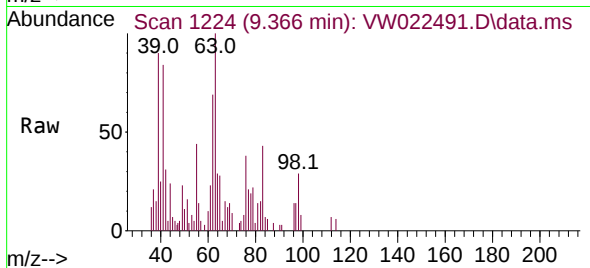
Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

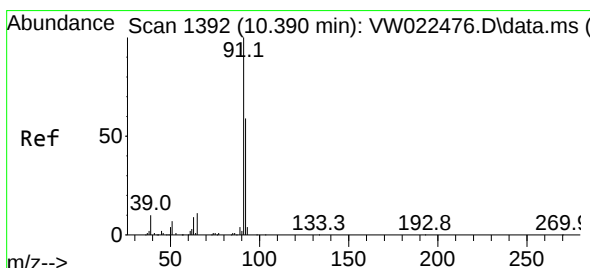
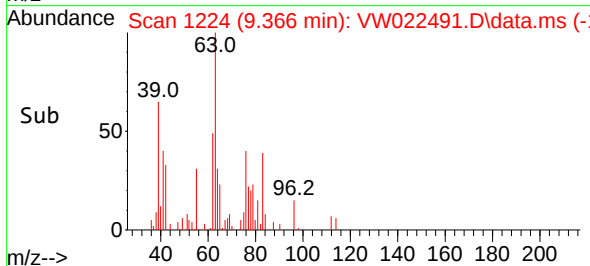
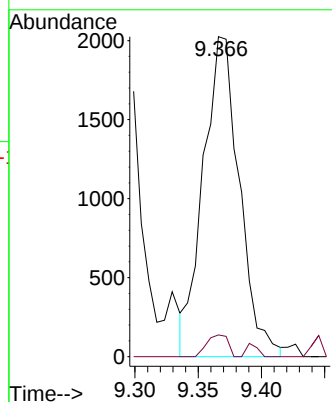


Tgt Ion: 63 Resp: 4033

Ion Ratio Lower Upper

63 100

112 3.9 3.8 5.6



#42

Toluene

Concen: 3.463 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW022491.D

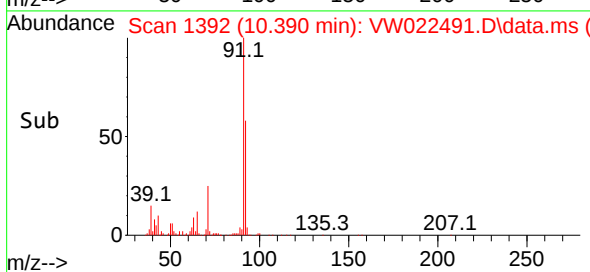
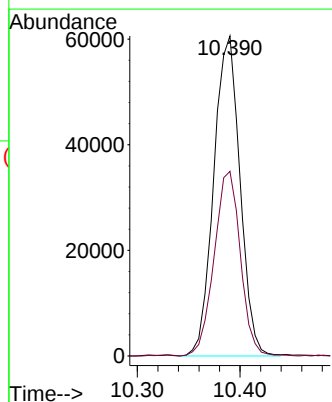
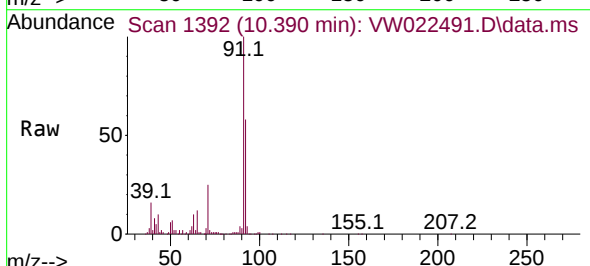
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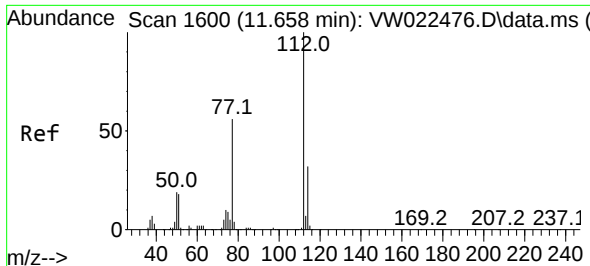
Tgt Ion: 91 Resp: 107576

Ion Ratio Lower Upper

91 100

92 57.7 38.0 70.6

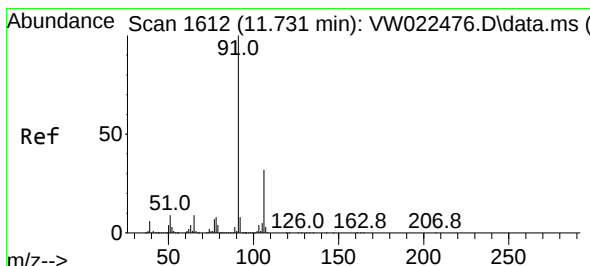
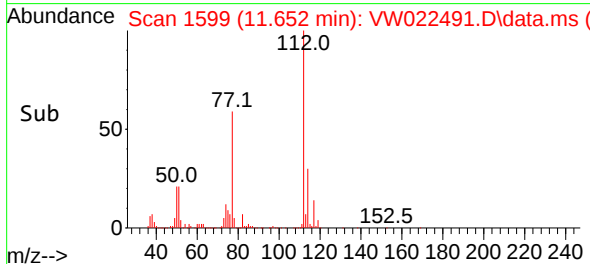
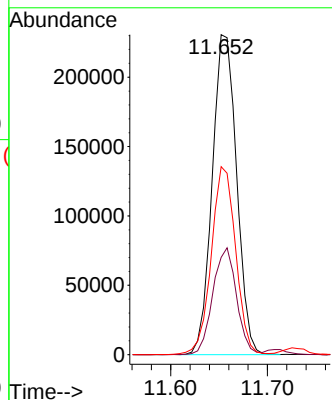
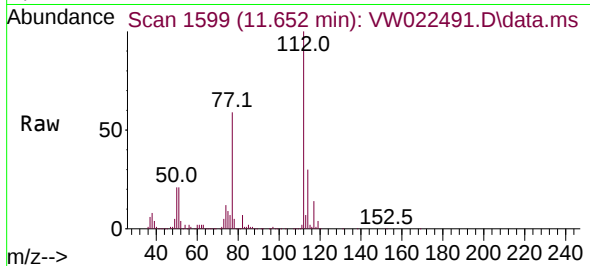




#51
Chlorobenzene
Concen: 21.309 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

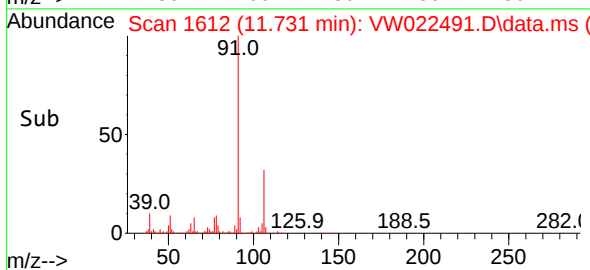
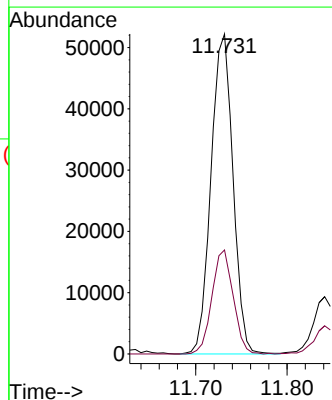
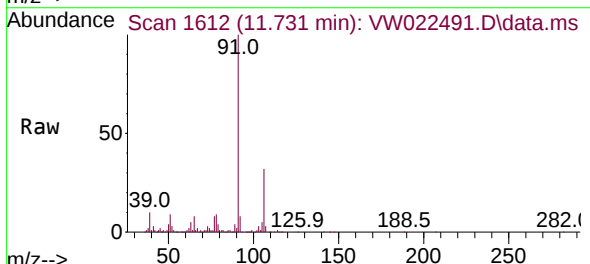
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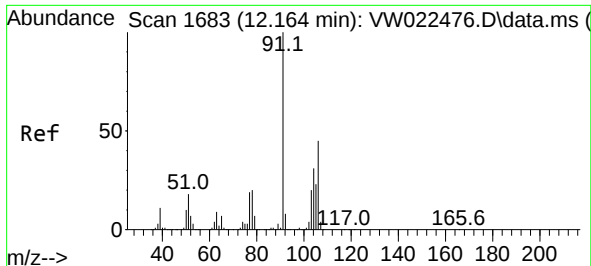
Tgt Ion:112 Resp: 404469
Ion Ratio Lower Upper
112 100
114 30.4 20.5 38.1
77 58.8 48.1 72.1



#52
Ethylbenzene
Concen: 2.504 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

Tgt Ion: 91 Resp: 87171
Ion Ratio Lower Upper
91 100
106 32.5 20.5 38.1

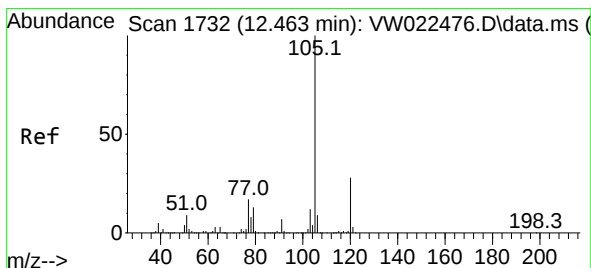
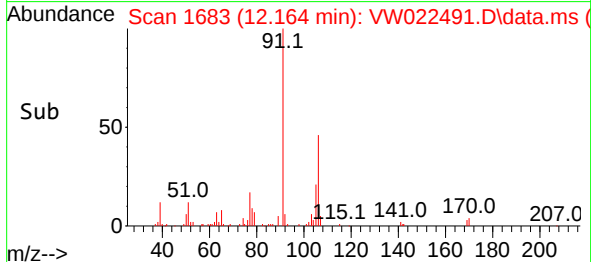
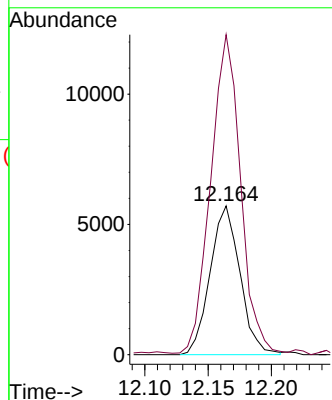
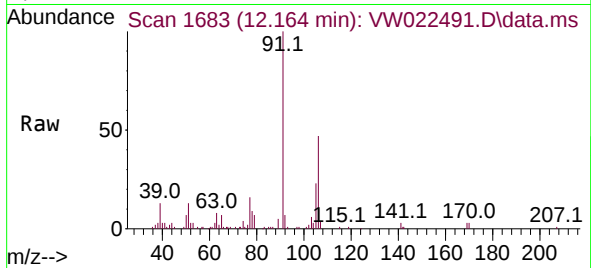




#54
o-Xylene
Concen: 0.741 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

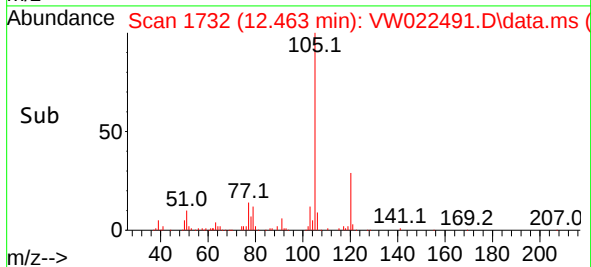
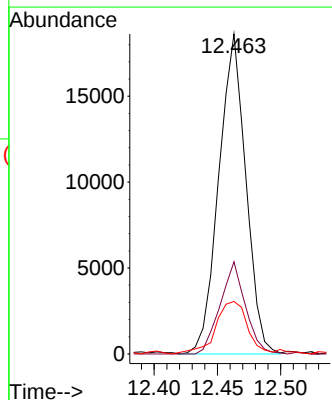
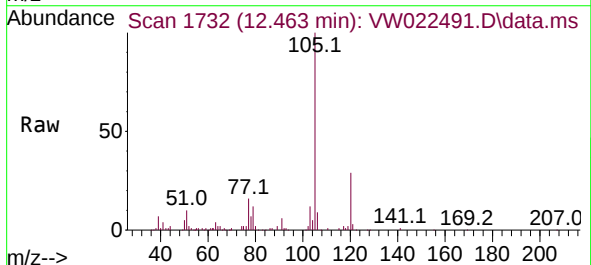
Instrument :
MSVOA_W
ClientSampleId :

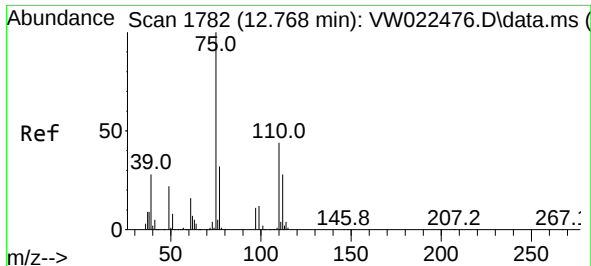
Tgt Ion:106 Resp: 9376
Ion Ratio Lower Upper
106 100
91 214.9 155.3 288.3



#60
Isopropylbenzene
Concen: 0.862 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

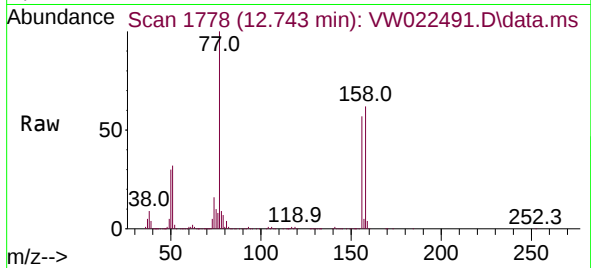
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Ion Ratio Lower Upper
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120 26.9 20.9 31.3
77 19.2 13.7 20.5



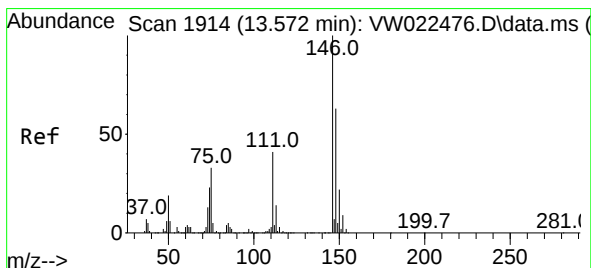
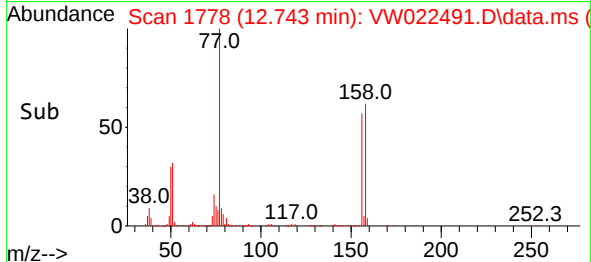
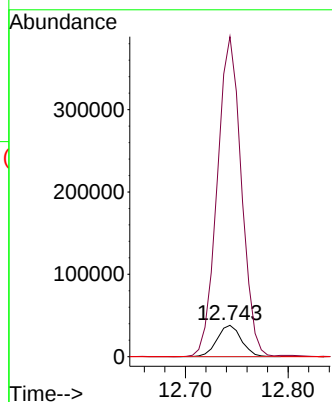


#61
1,2,3-Trichloropropane
Concen: 15.242 ug/L
RT: 12.743 min Scan# 1778
Delta R.T. -0.024 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

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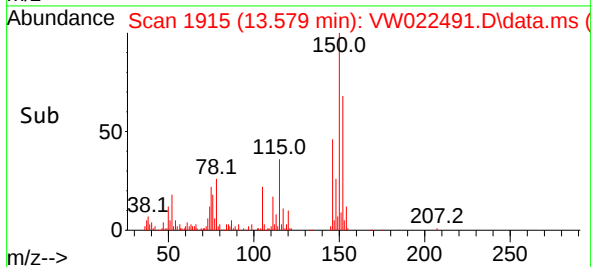
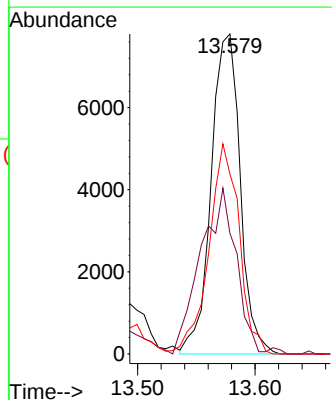
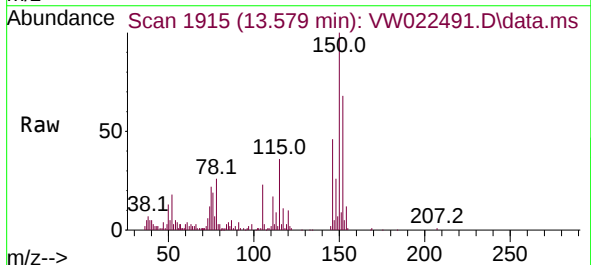


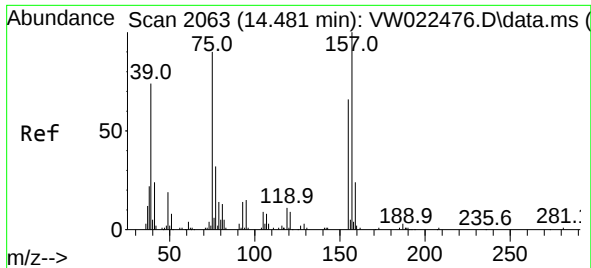
Tgt Ion: 75 Resp: 62772
Ion Ratio Lower Upper
75 100
77 1011.2 25.7 38.5#
110 0.0 31.8 47.6#



#65
1,4-Dichlorobenzene
Concen: 1.029 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

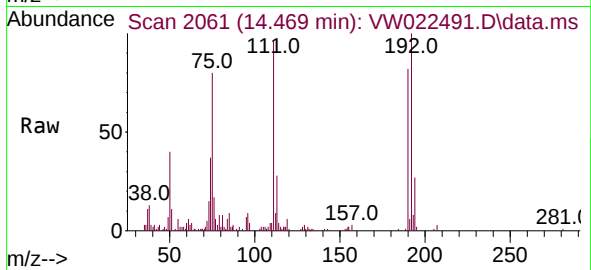
Tgt Ion: 146 Resp: 13395
Ion Ratio Lower Upper
146 100
111 37.6 28.5 52.9
148 56.1 44.4 82.4





#68
 1,2-Dibromo-3-chloropropane
 Concen: 13.880 ug/L
 RT: 14.469 min Scan# 2061
 Delta R.T. -0.012 min
 Lab File: VW022491.D
 Acq: 11 Apr 2022 18:33

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 13257
 Ion Ratio Lower Upper
 75 100
 155 4.6 55.6 83.4#
 157 3.3 69.8 104.6#

