

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022499.D
 Acq On : 12 Apr 2022 11:57
 Operator : SY/VA
 Sample : N2316-05RE
 Misc : 5.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNQ3

Quant Time: Apr 12 23:31:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

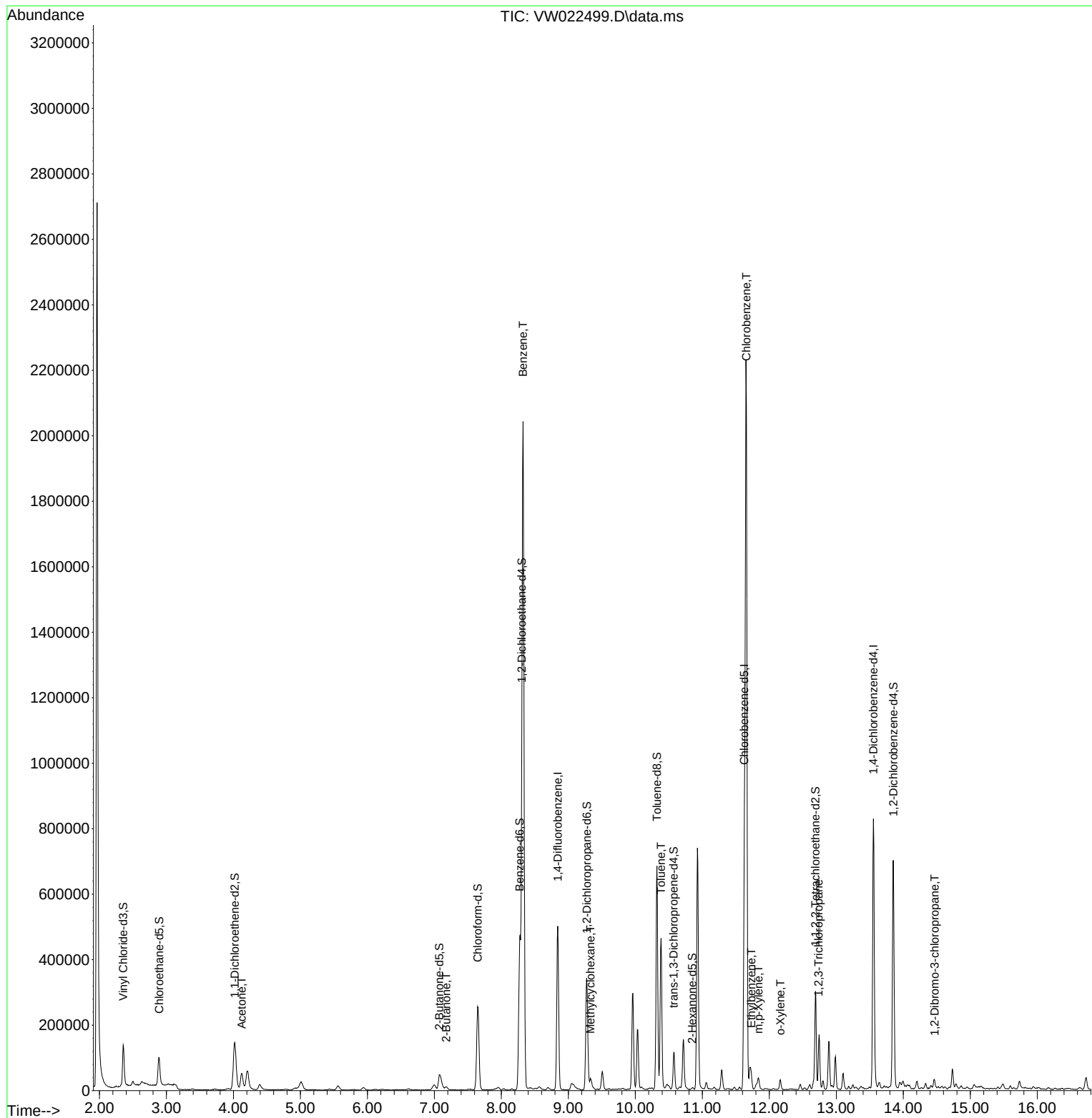
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	403627	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	391686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203522	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	132335	14.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.320%
7) Chloroethane-d5	2.891	69	100934	18.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	4.019	63	142191	12.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.160%
21) 2-Butanone-d5	7.074	46	74913	48.088	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.180%
24) Chloroform-d	7.647	84	254641	20.184	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	8.305	65	146838	20.371	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.480%
32) Benzene-d6	8.275	84	458198	19.147	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	9.274	67	144791	20.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.640%
41) Toluene-d8	10.323	98	433717	18.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.040%
43) trans-1,3-Dichloroprop...	10.573	79	61486	18.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.240%
47) 2-Hexanone-d5	10.847	63	26	0.020	ug/L	-0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.040%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136597	23.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	163879	22.733	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.920%
Target Compounds						Qvalue
13) Acetone	4.123	43	86697	81.738	ug/L	98
22) 2-Butanone	7.177	43	15649	9.769	ug/L	97
33) Benzene	8.323	78	1889360	71.047	ug/L	100
35) Methylcyclohexane	9.329	83	12608	0.987	ug/L	92
42) Toluene	10.384	91	153625	5.041	ug/L	96
51) Chlorobenzene	11.658	112	1133175	60.853	ug/L	95
52) Ethylbenzene	11.731	91	29932	0.876	ug/L	98
53) m,p-Xylene	11.841	106	8735	0.673	ug/L	95
54) o-Xylene	12.164	106	7967	0.642	ug/L	75
61) 1,2,3-Trichloropropane	12.737	75	7269	1.679	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	14.469	75	4522	4.504	ug/L #	13

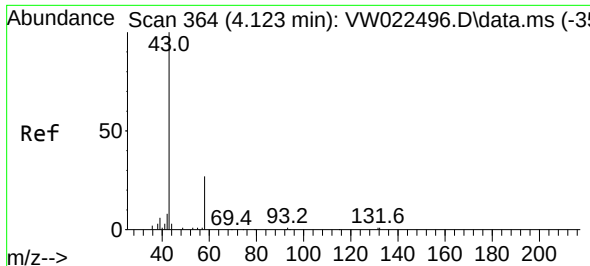
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 12 23:30:19 2022
Response via : Initial Calibration

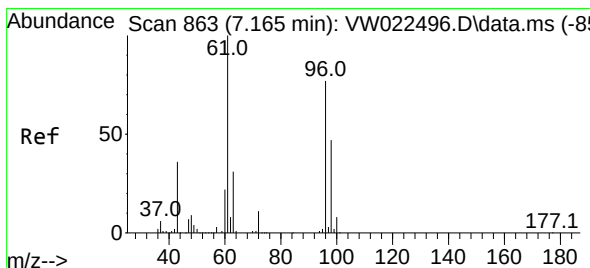
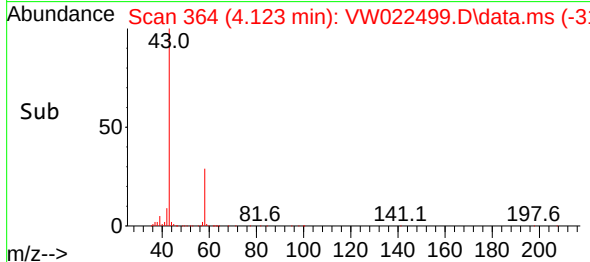
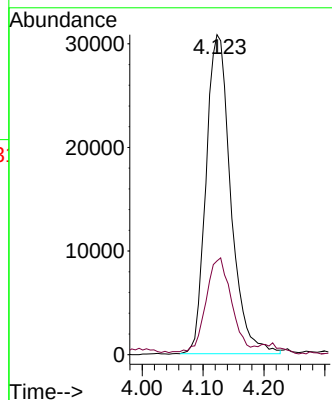
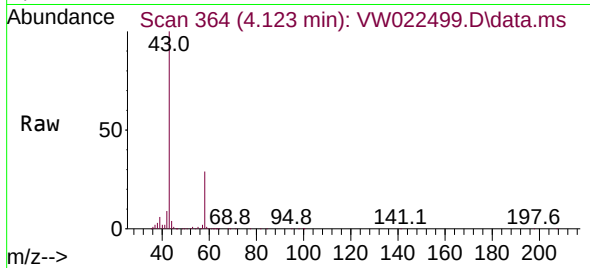




#13
Acetone
Concen: 81.738 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

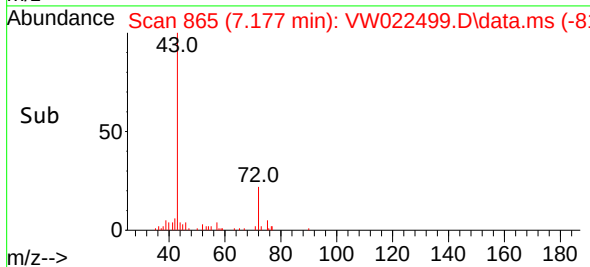
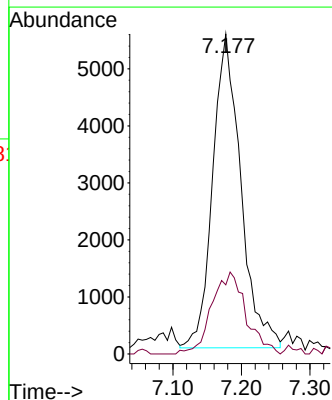
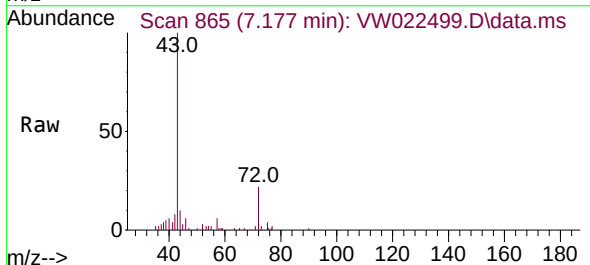
Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

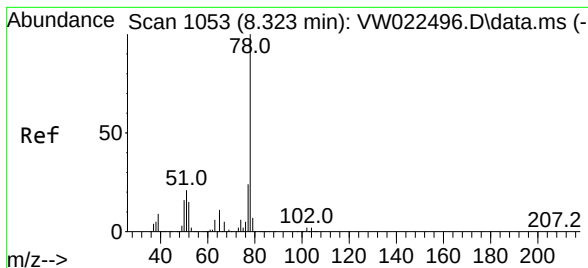
Tgt Ion: 43 Resp: 86697
Ion Ratio Lower Upper
43 100
58 29.6 0.0 57.0



#22
2-Butanone
Concen: 9.769 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

Tgt Ion: 43 Resp: 15649
Ion Ratio Lower Upper
43 100
72 26.5 14.0 42.0





#33

Benzene

Concen: 71.047 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW022499.D

Acq: 12 Apr 2022 11:57

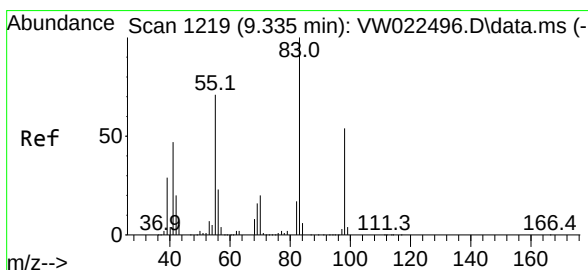
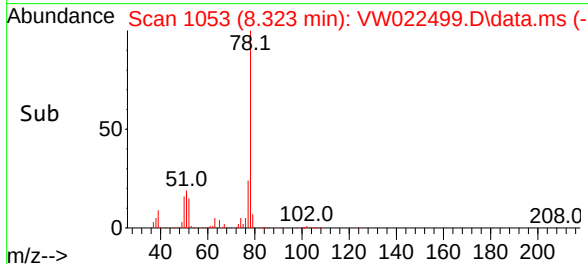
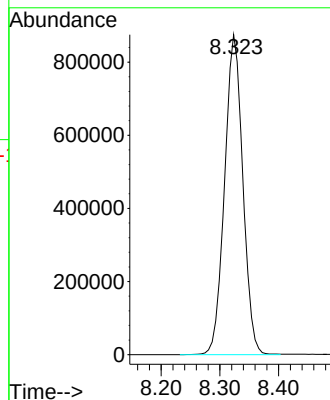
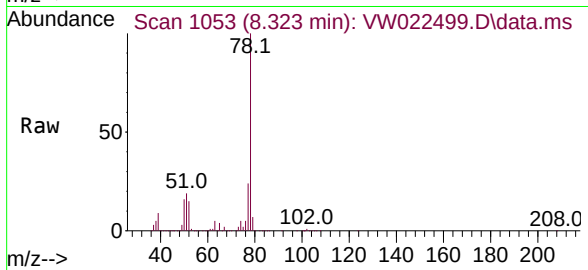
Instrument :

MSVOA_W

ClientSampleId :

ETNQ3

Tgt Ion: 78 Resp: 1889360



#35

Methylcyclohexane

Concen: 0.987 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW022499.D

Acq: 12 Apr 2022 11:57

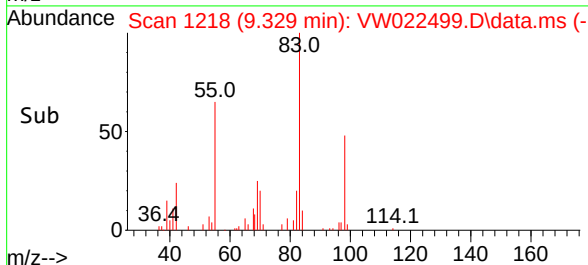
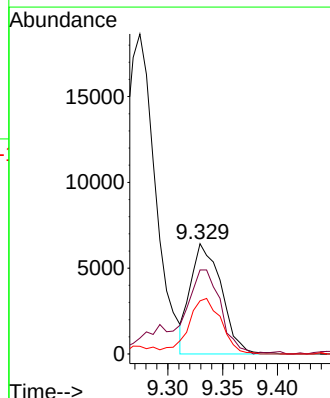
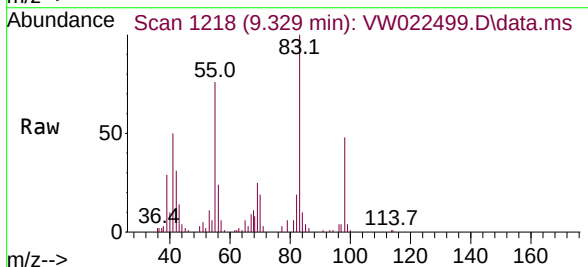
Tgt Ion: 83 Resp: 12608

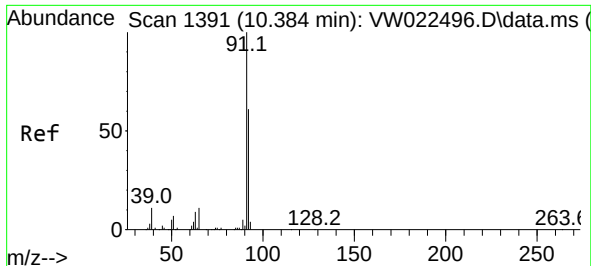
Ion Ratio Lower Upper

83 100

55 84.2 61.0 91.6

98 53.4 39.2 58.8

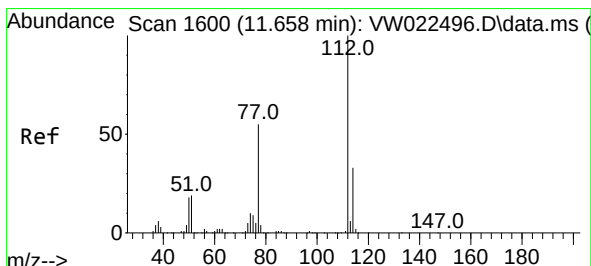
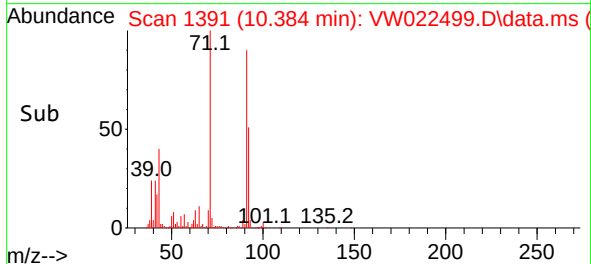
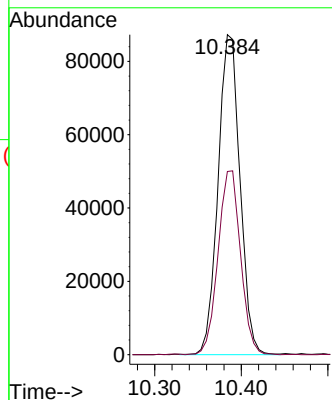
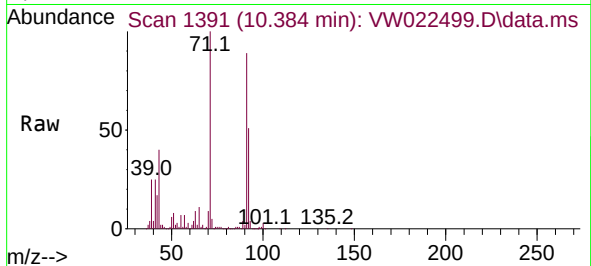




#42
Toluene
Concen: 5.041 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

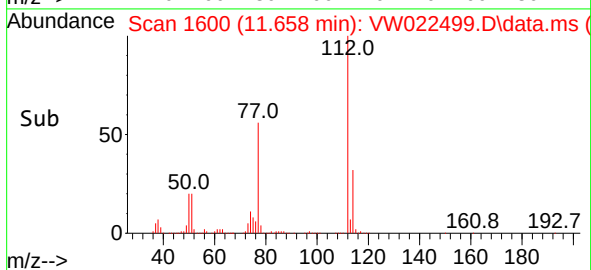
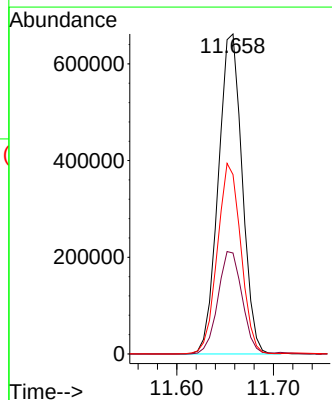
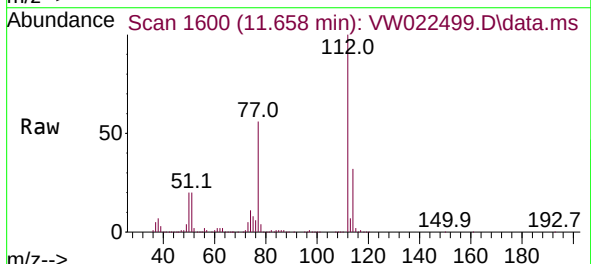
Instrument :
MSVOA_W
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ETNQ3

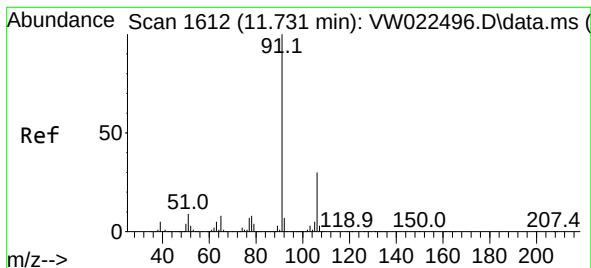
Tgt Ion: 91 Resp: 153625
Ion Ratio Lower Upper
91 100
92 57.2 38.0 70.6



#51
Chlorobenzene
Concen: 60.853 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

Tgt Ion: 112 Resp: 1133175
Ion Ratio Lower Upper
112 100
114 31.6 20.5 38.1
77 56.1 48.1 72.1

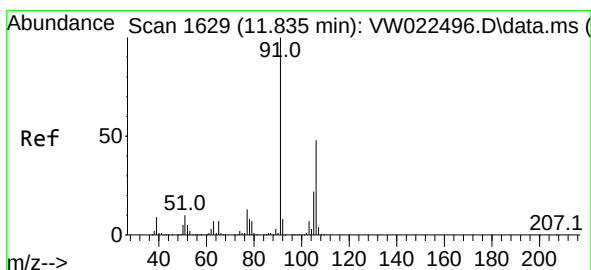
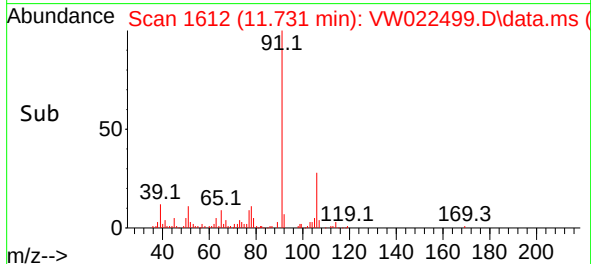
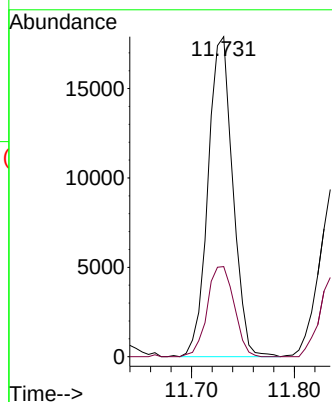
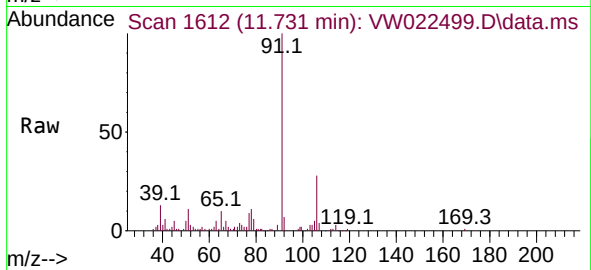




#52
Ethylbenzene
Concen: 0.876 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

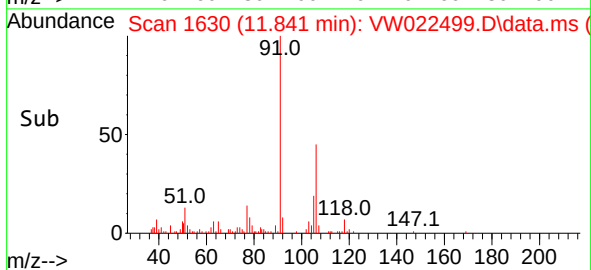
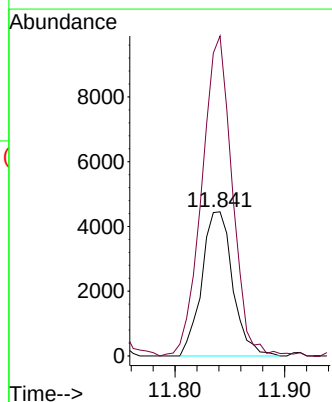
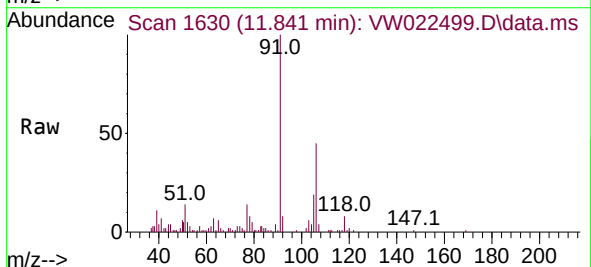
Instrument :
MSVOA_W
ClientSampleId :
ETNQ3

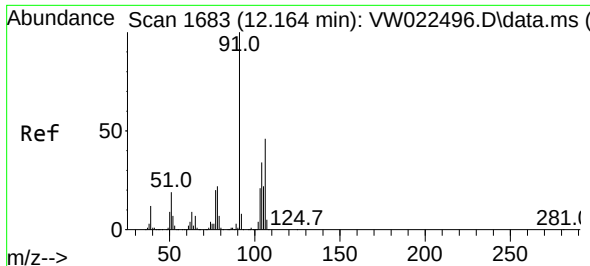
Tgt Ion: 91 Resp: 29932
Ion Ratio Lower Upper
91 100
106 28.2 20.5 38.1



#53
m,p-Xylene
Concen: 0.673 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

Tgt Ion: 106 Resp: 8735
Ion Ratio Lower Upper
106 100
91 222.0 149.9 278.5

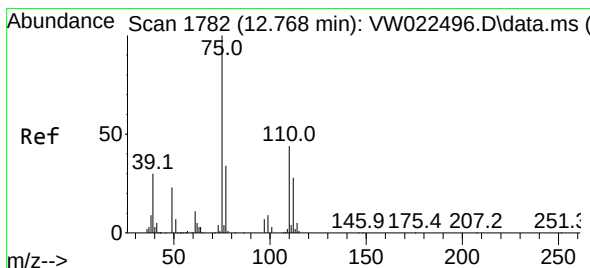
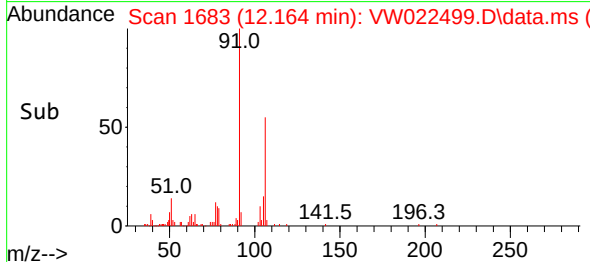
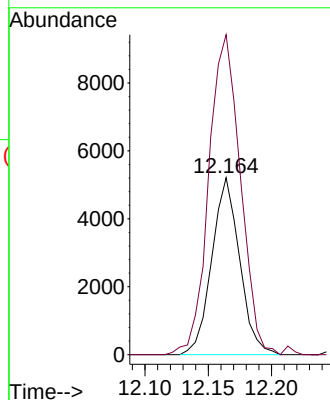
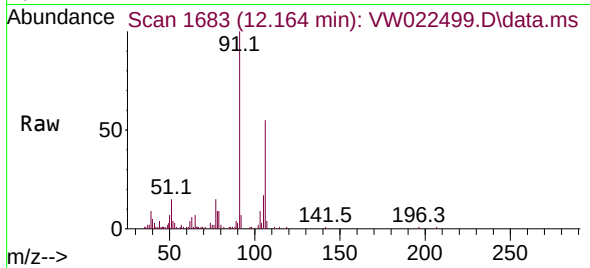




#54
o-Xylene
Concen: 0.642 ug/L
RT: 12.164 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

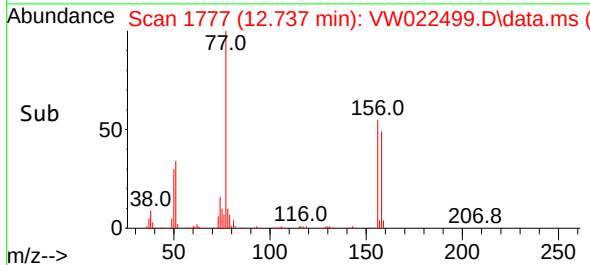
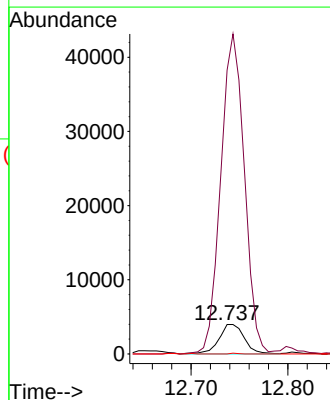
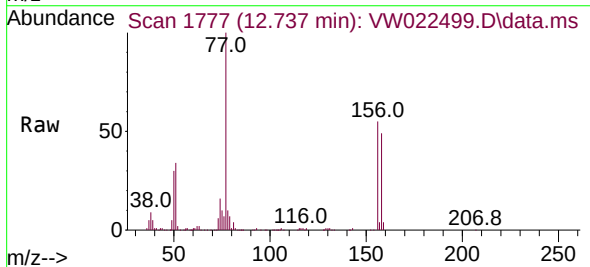
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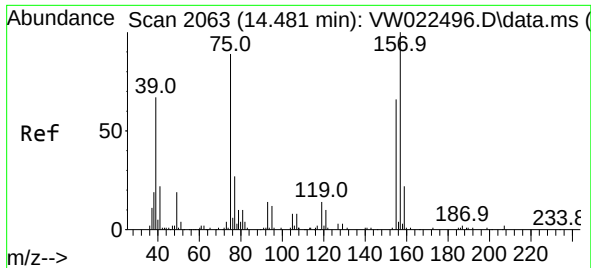
Tgt Ion:106 Resp: 7967
Ion Ratio Lower Upper
106 100
91 180.9 155.3 288.3



#61
1,2,3-Trichloropropane
Concen: 1.679 ug/L
RT: 12.737 min Scan# 1777
Delta R.T. -0.030 min
Lab File: VW022499.D
Acq: 12 Apr 2022 11:57

Tgt Ion: 75 Resp: 7269
Ion Ratio Lower Upper
75 100
77 1006.7 25.7 38.5#
110 0.8 31.8 47.6#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.504 ug/L
 RT: 14.469 min Scan# 2061
 Delta R.T. -0.012 min
 Lab File: VW022499.D
 Acq: 12 Apr 2022 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNQ3

Tgt Ion: 75 Resp: 4522
 Ion Ratio Lower Upper
 75 100
 155 2.2 55.6 83.4#
 157 3.9 69.8 104.6#

