

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026495.D
 Acq On : 01 Jul 2023 01:12
 Operator : SY/MD
 Sample : 03444-15
 Misc : 4.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W0

Quant Time: Jul 03 01:14:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

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

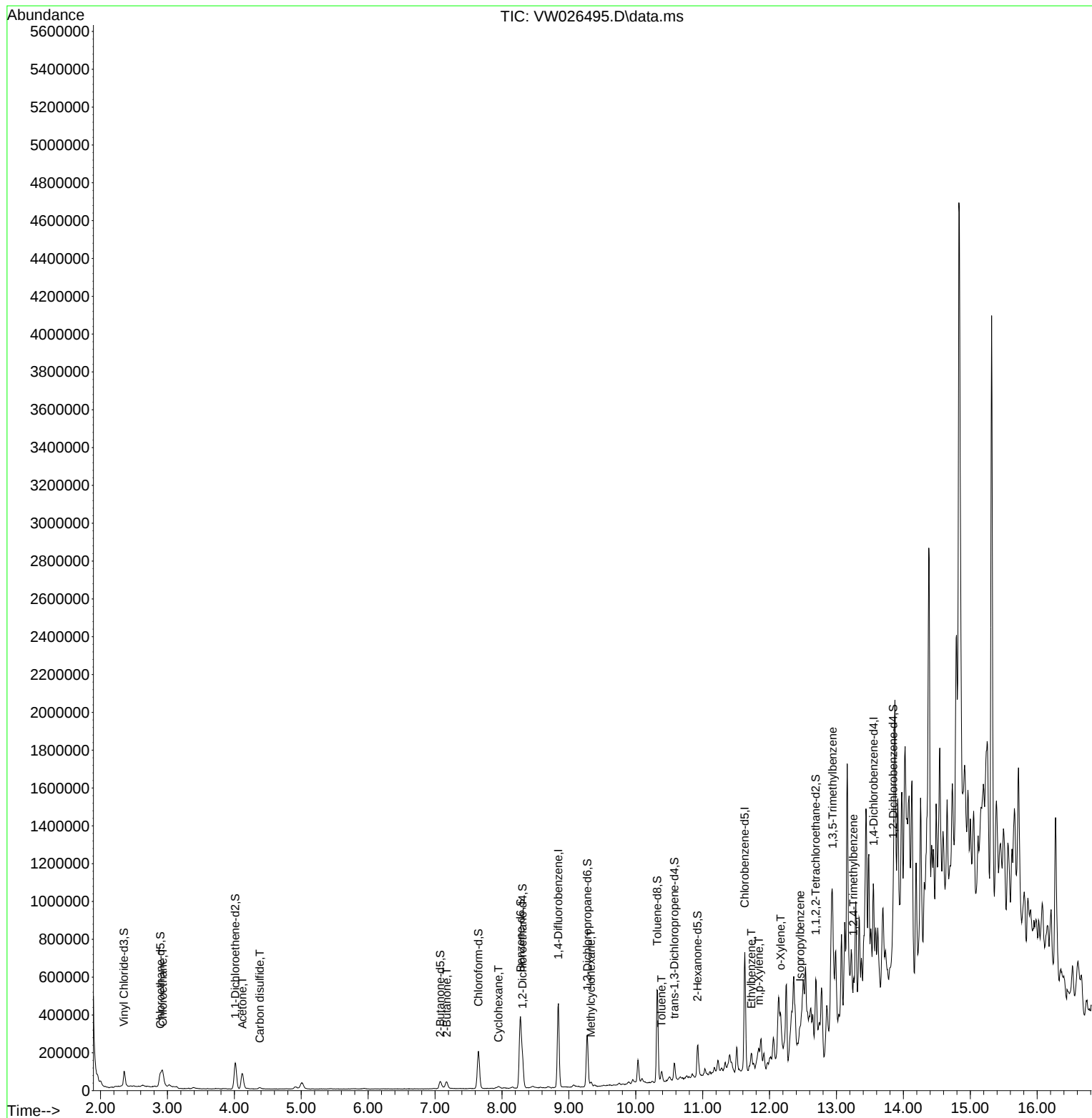
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	341666	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	318718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.351	65	92201	23.701	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.800%		
7) Chloroethane-d5	2.893	69	97797	30.873	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	123.480%		
11) 1,1-Dichloroethene-d2	4.015	65	44065	22.639	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.560%		
21) 2-Butanone-d5	7.075	46	68712	46.737	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.480%		
24) Chloroform-d	7.648	84	190263	22.846	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.400%		
26) 1,2-Dichloroethane-d4	8.307	65	121400	26.670	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.680%		
32) Benzene-d6	8.276	84	368000	19.853	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.400%		
36) 1,2-Dichloropropane-d6	9.276	67	121545	20.574	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.280%		
41) Toluene-d8	10.319	98	304166	18.577	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.320%		
43) trans-1,3-Dichloroprop...	10.575	79	48326	20.294	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.160%		
47) 2-Hexanone-d5	10.922	63	50376	50.988	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.980%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	112532	24.670	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.680%		
66) 1,2-Dichlorobenzene-d4	13.849	152	64667	19.697	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.800%		
Target Compounds						Qvalue
8) Chloroethane	2.930	64	94814	32.276	ug/L	100
13) Acetone	4.119	43	146836	141.383	ug/L	92
14) Carbon disulfide	4.381	76	12796	1.033	ug/L	100
22) 2-Butanone	7.173	43	59068	34.690	ug/L	96
29) Cyclohexane	7.947	56	5518	0.611	ug/L #	86
35) Methylcyclohexane	9.331	83	6114	0.675	ug/L #	57
42) Toluene	10.386	91	39079	1.914	ug/L	98
52) Ethylbenzene	11.727	91	60813	2.647	ug/L	97
53) m,p-Xylene	11.843	106	18767	2.203	ug/L	90
54) o-Xylene	12.166	106	44772	5.666	ug/L	86
60) Isopropylbenzene	12.459	105	15830	1.151	ug/L #	80
62) 1,3,5-Trimethylbenzene	12.940	105	15479	1.415	ug/L	89
63) 1,2,4-Trimethylbenzene	13.251	105	64668	6.053	ug/L	96

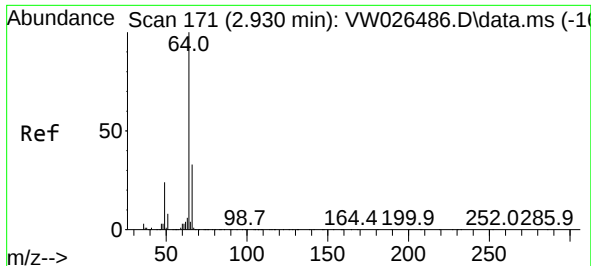
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

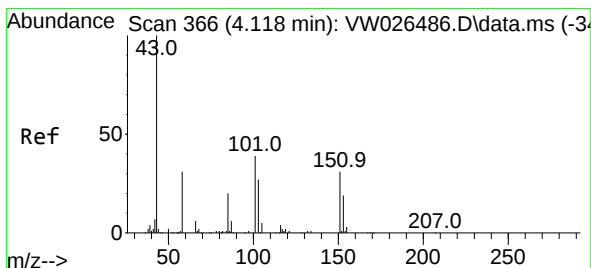
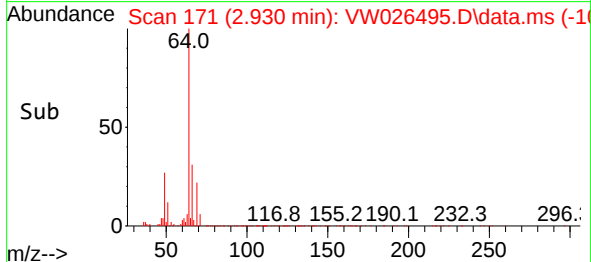
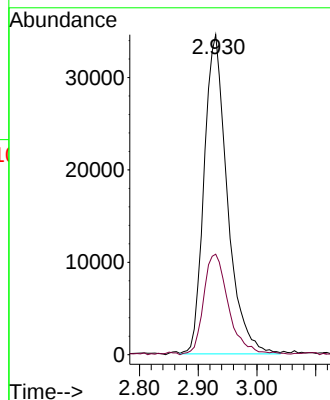
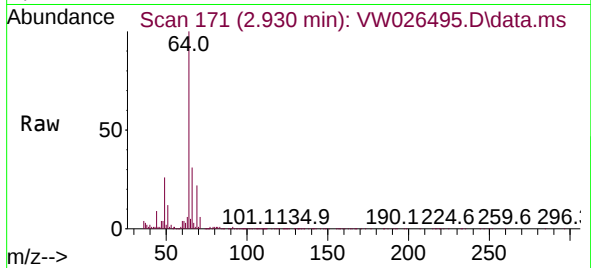




#8
Chloroethane
Concen: 32.276 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

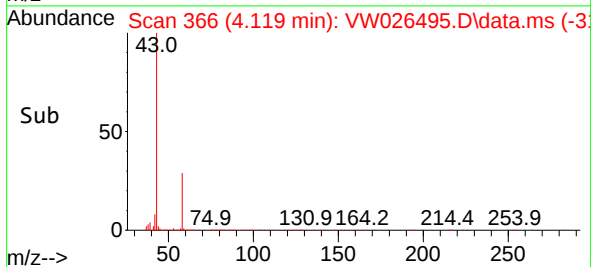
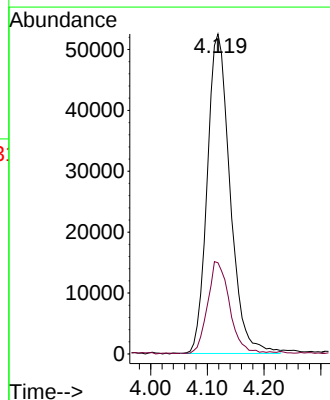
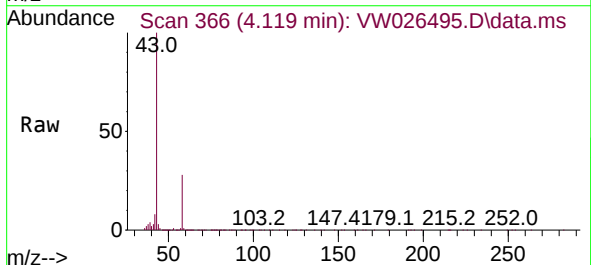
Instrument :
MSVOA_W
ClientSampleId :
A46W0

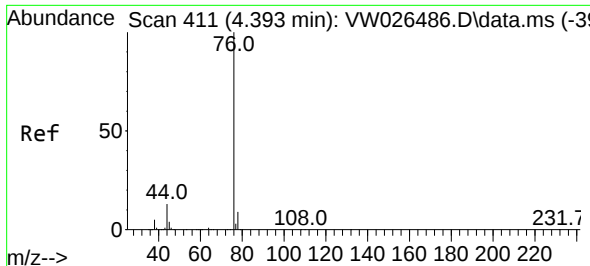
Tgt Ion: 64 Resp: 94814
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#13
Acetone
Concen: 141.383 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

Tgt Ion: 43 Resp: 146836
Ion Ratio Lower Upper
43 100
58 27.3 0.0 63.2

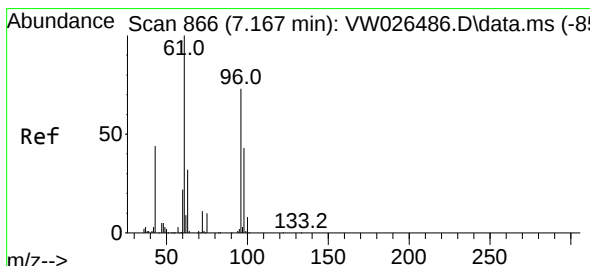
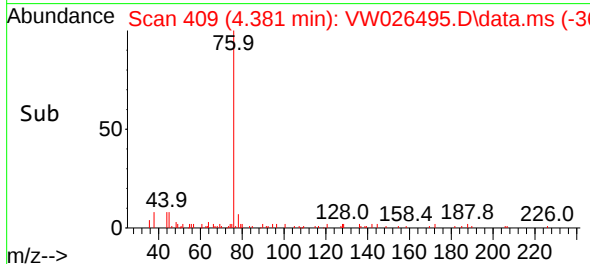
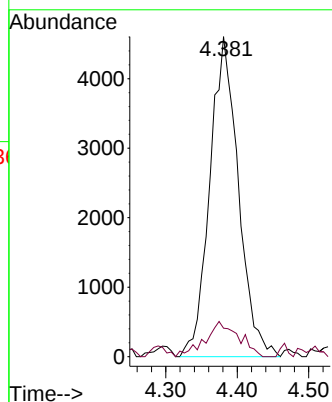
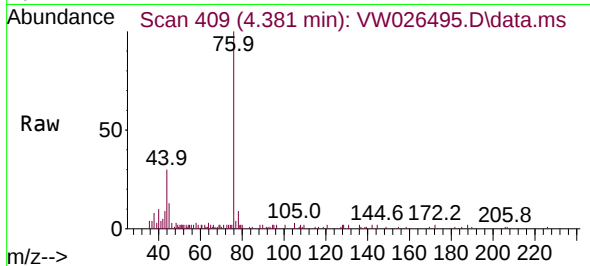




#14
Carbon disulfide
Concen: 1.033 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.012 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

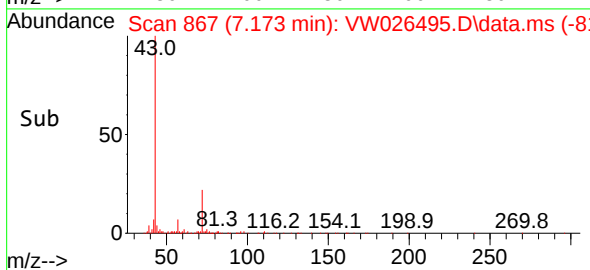
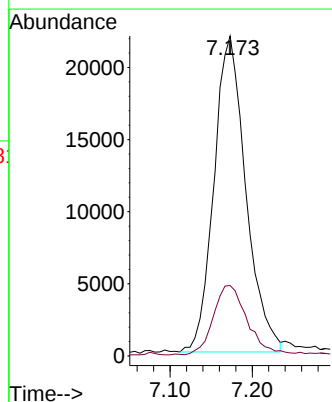
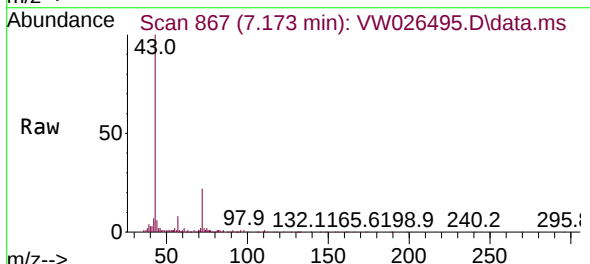
Instrument :
MSVOA_W
ClientSampleId :
A46W0

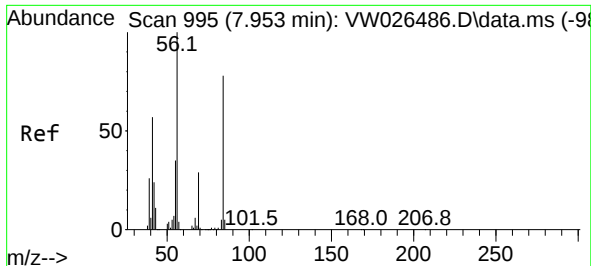
Tgt Ion: 76 Resp: 12796
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#22
2-Butanone
Concen: 34.690 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

Tgt Ion: 43 Resp: 59068
Ion Ratio Lower Upper
43 100
72 23.2 12.6 37.8





#29

Cyclohexane

Concen: 0.611 ug/L

RT: 7.947 min Scan# 994

Delta R.T. -0.006 min

Lab File: VW026495.D

Acq: 01 Jul 2023 01:12

Instrument :

MSVOA_W

ClientSampleId :

A46W0

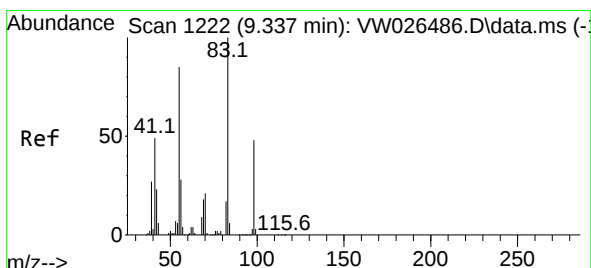
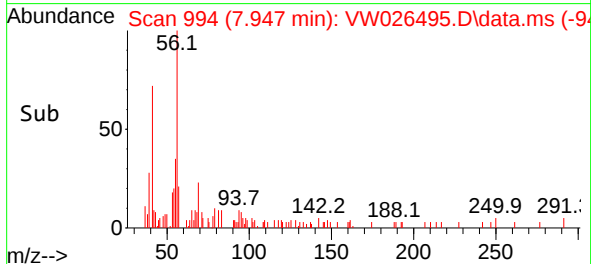
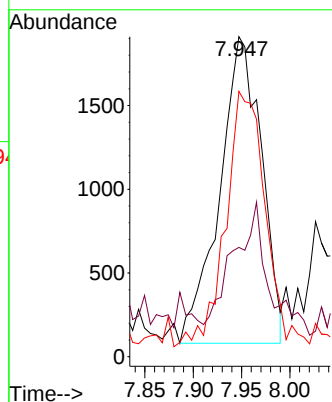
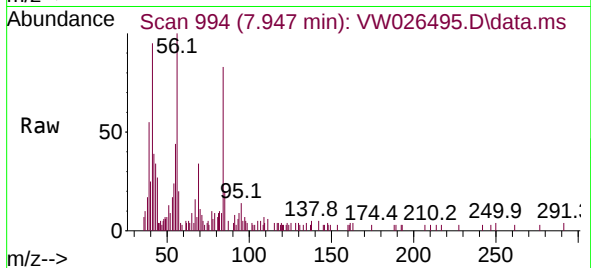
Tgt Ion: 56 Resp: 5518

Ion Ratio Lower Upper

56 100

69 14.9 23.2 34.8#

84 71.6 63.5 95.3



#35

Methylcyclohexane

Concen: 0.675 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026495.D

Acq: 01 Jul 2023 01:12

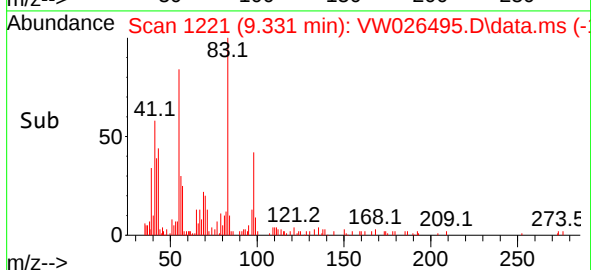
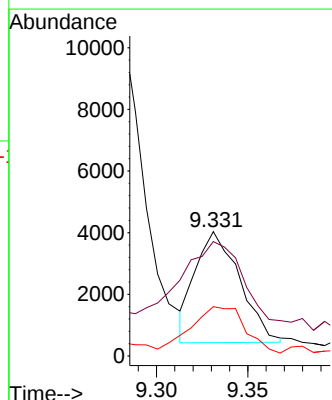
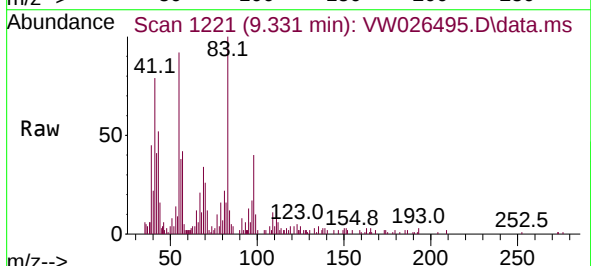
Tgt Ion: 83 Resp: 6114

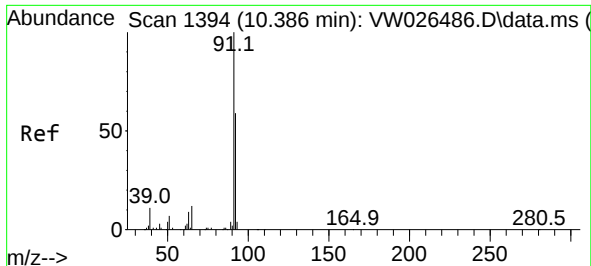
Ion Ratio Lower Upper

83 100

55 137.8 66.5 99.7#

98 53.2 37.0 55.6

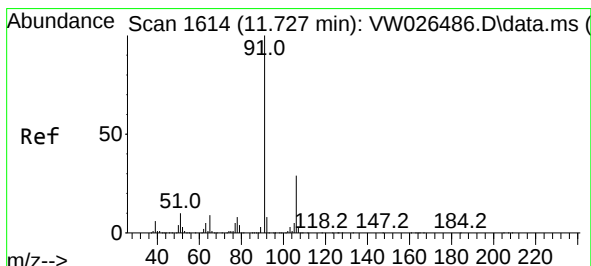
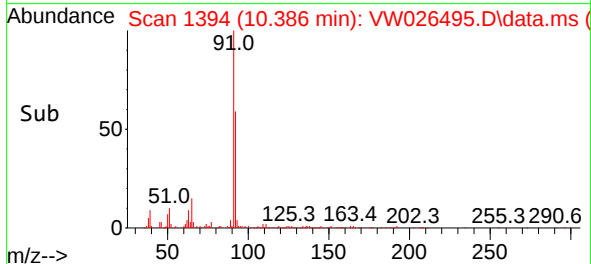
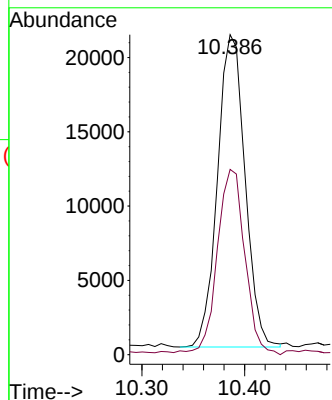
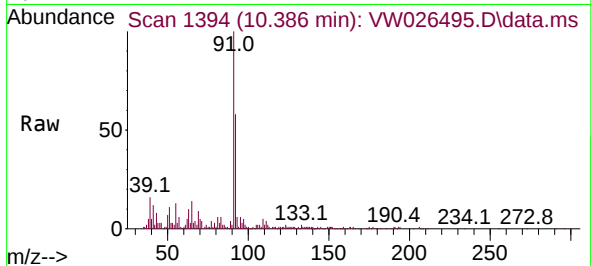




#42
Toluene
Concen: 1.914 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

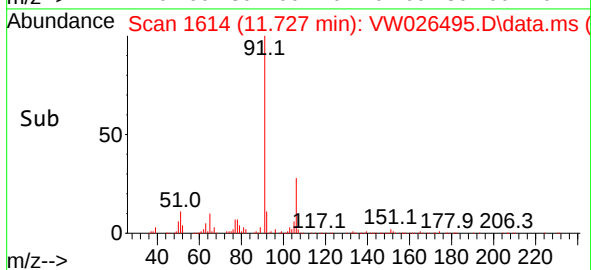
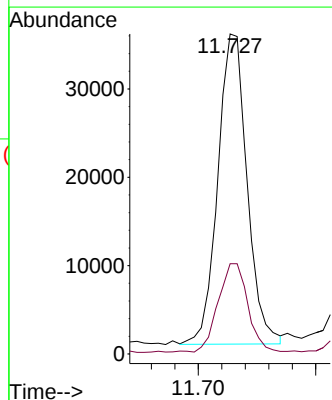
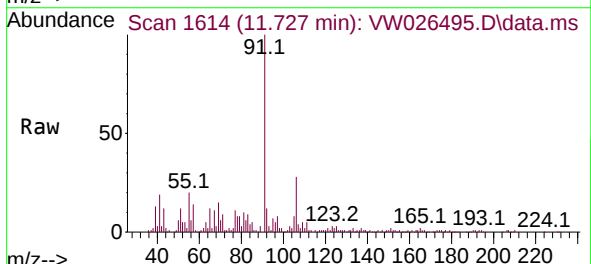
Instrument :
MSVOA_W
ClientSampleId :
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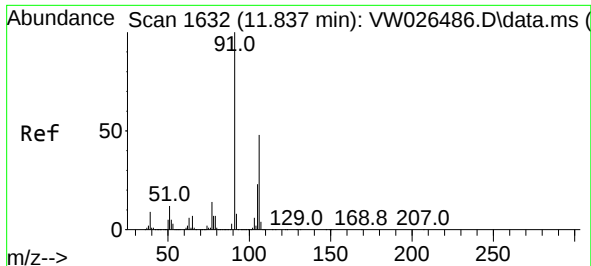
Tgt Ion: 91 Resp: 39079
Ion Ratio Lower Upper
91 100
92 57.9 41.4 76.8



#52
Ethylbenzene
Concen: 2.647 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

Tgt Ion: 91 Resp: 60813
Ion Ratio Lower Upper
91 100
106 28.2 20.9 38.7

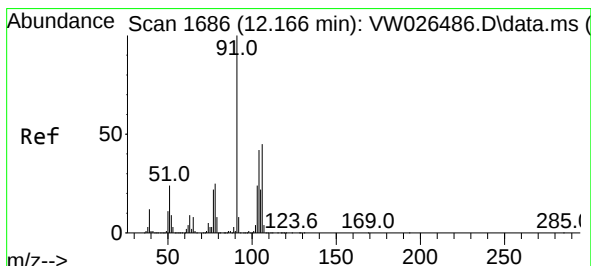
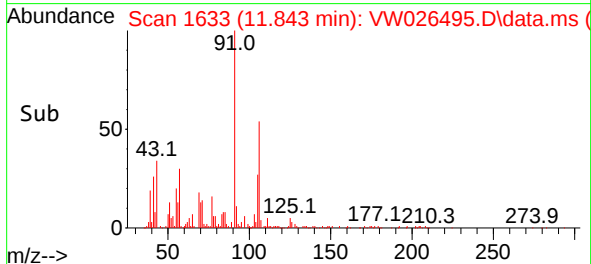
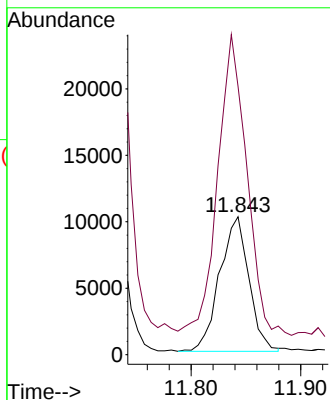
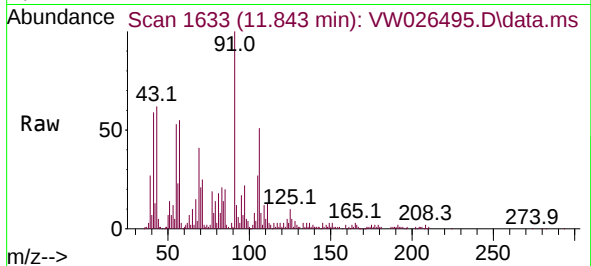




#53
m,p-Xylene
Concen: 2.203 ug/L
RT: 11.843 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

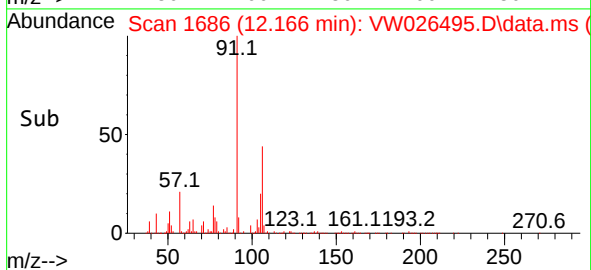
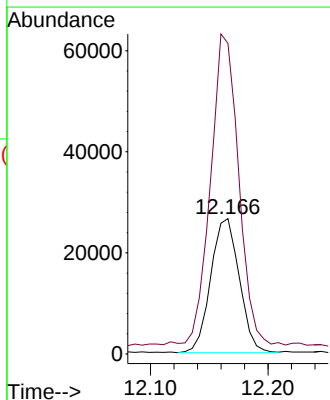
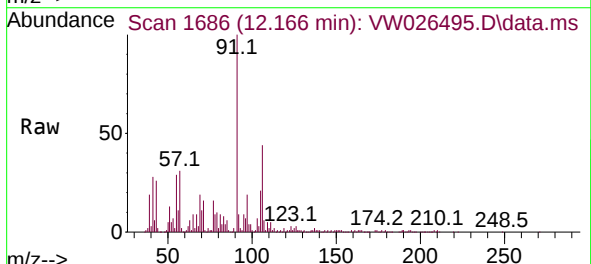
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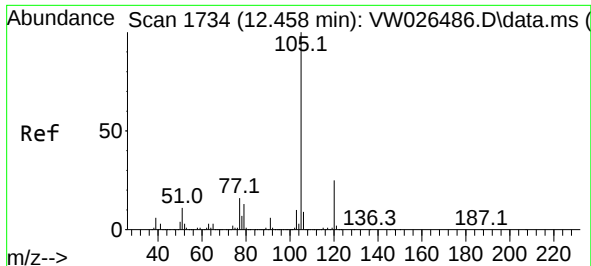
Tgt Ion:106 Resp: 18767
Ion Ratio Lower Upper
106 100
91 194.6 146.7 272.5



#54
o-Xylene
Concen: 5.666 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

Tgt Ion:106 Resp: 44772
Ion Ratio Lower Upper
106 100
91 229.4 145.5 270.1

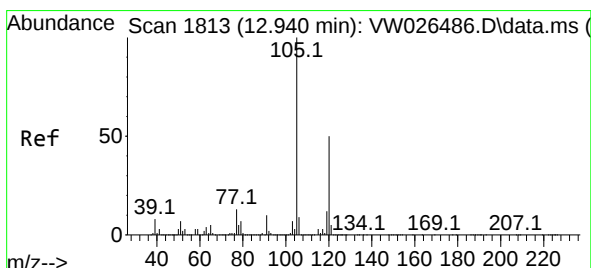
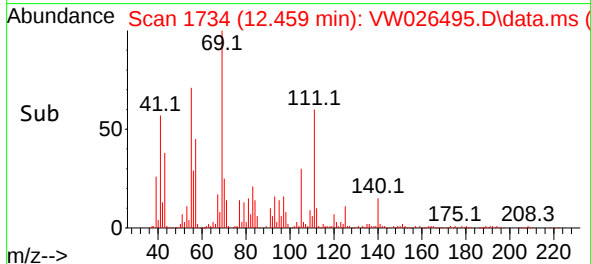
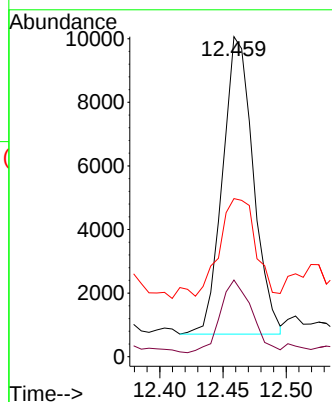
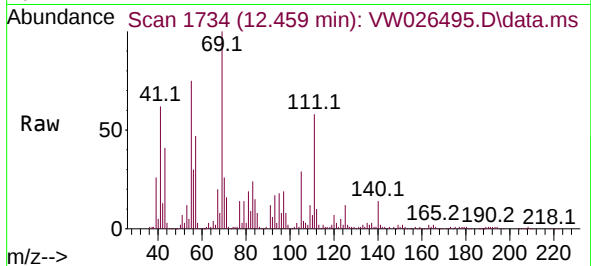




#60
Isopropylbenzene
Concen: 1.151 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

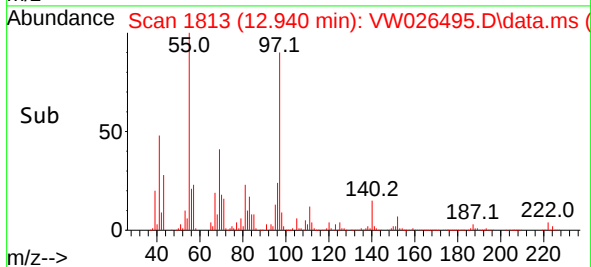
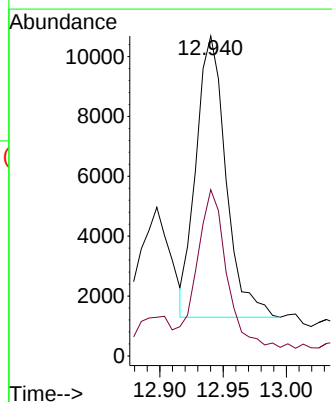
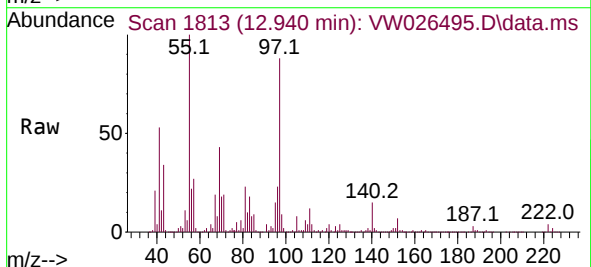
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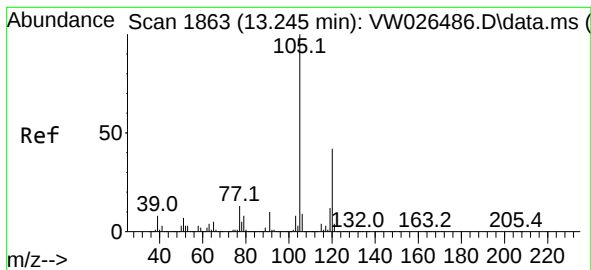
Tgt Ion:105 Resp: 15830
Ion Ratio Lower Upper
105 100
120 25.0 20.5 30.7
77 37.8 12.9 19.3#



#62
1,3,5-Trimethylbenzene
Concen: 1.415 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026495.D
Acq: 01 Jul 2023 01:12

Tgt Ion:105 Resp: 15479
Ion Ratio Lower Upper
105 100
120 56.7 39.2 58.8





#63
 1,2,4-Trimethylbenzene
 Concen: 6.053 ug/L
 RT: 13.251 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW026495.D
 Acq: 01 Jul 2023 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W0

Tgt Ion:105 Resp: 64668
 Ion Ratio Lower Upper
 105 100
 120 42.1 36.0 54.0

