

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027747.D
 Acq On : 18 Dec 2023 22:58
 Operator : SY/MD
 Sample : 05891-14
 Misc : 2.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:21:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

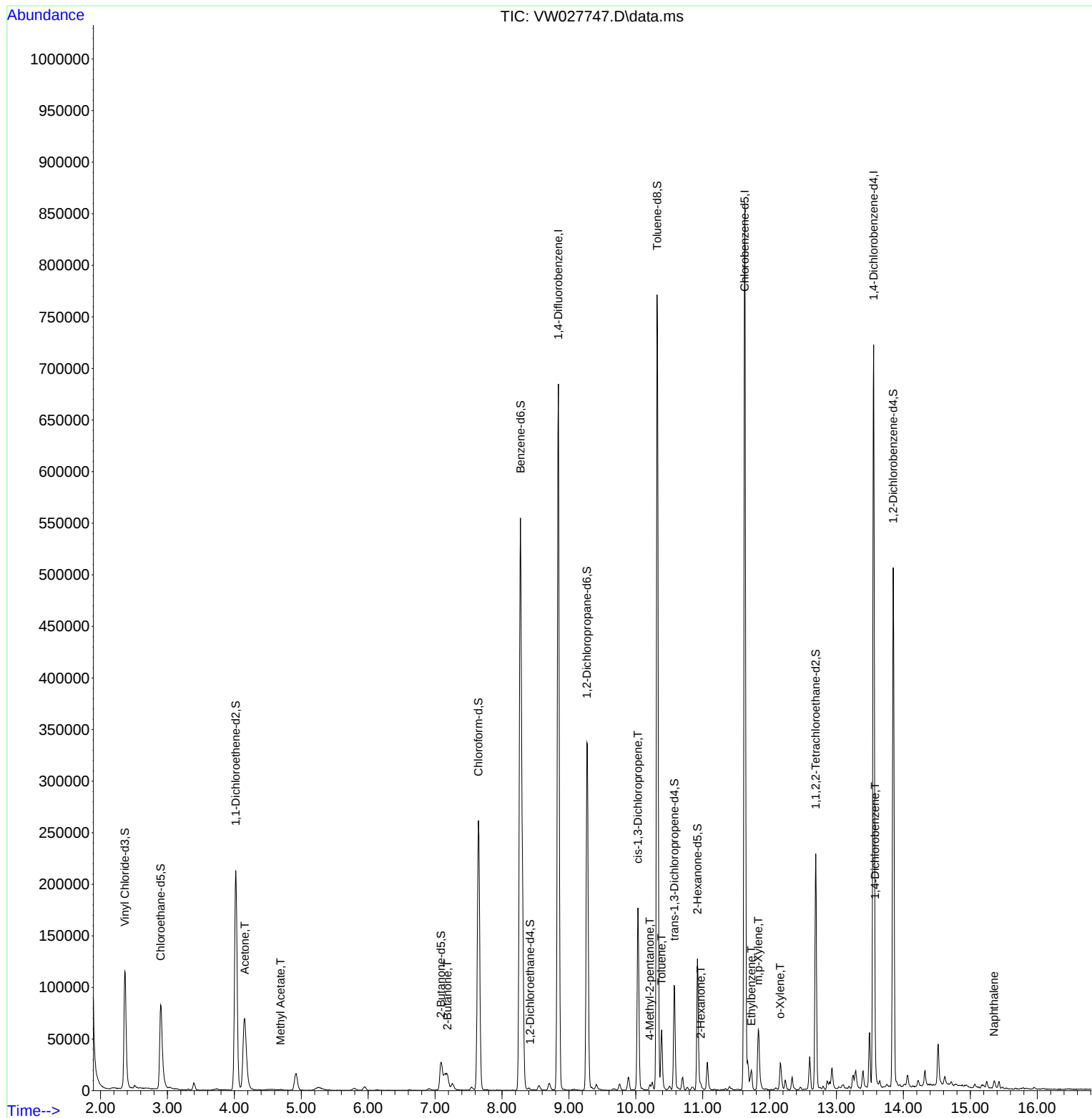
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	621114	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	507858	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	201863	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	162278	18.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
7) Chloroethane-d5	2.899	69	131758	19.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.960%
11) 1,1-Dichloroethene-d2	4.021	65	65399	18.564	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.240%
21) 2-Butanone-d5	7.087	46	50191	33.508	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.020%
24) Chloroform-d	7.648	84	281445	19.043	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.160%
26) 1,2-Dichloroethane-d4	8.422	65	89	0.013	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	616376	20.767	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.080%
36) 1,2-Dichloropropane-d6	9.270	67	173483	20.631	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.520%
41) Toluene-d8	10.318	98	532171	19.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.280%
43) trans-1,3-Dichloroprop...	10.574	79	60138	18.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.880%
47) 2-Hexanone-d5	10.922	63	47326	38.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115106	18.101	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	140814	19.488	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.960%
Target Compounds						Qvalue
13) Acetone	4.155	43	160864	118.305	ug/L	98
15) Methyl Acetate	4.691	43	744	0.303	ug/L #	67
22) 2-Butanone	7.185	43	19459	10.777	ug/L	99
39) cis-1,3-Dichloropropene	10.032	75	4149	0.383	ug/L #	78
40) 4-Methyl-2-pentanone	10.209	43	3345	1.077	ug/L	97
42) Toluene	10.385	91	43034	1.359	ug/L	96
48) 2-Hexanone	10.971	43	3148	1.362	ug/L #	98
52) Ethylbenzene	11.727	91	12467	0.349	ug/L	92
53) m,p-Xylene	11.830	106	18894	1.378	ug/L	93
54) o-Xylene	12.160	106	6635	0.520	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	5326	0.431	ug/L	93
71) Naphthalene	15.354	128	6886	0.552	ug/L #	96

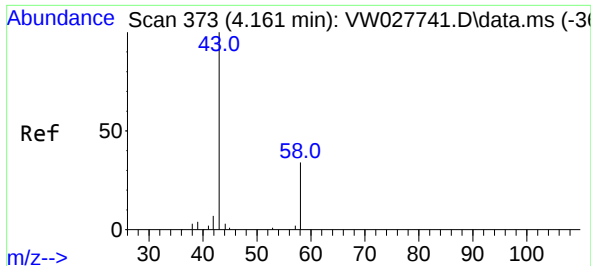
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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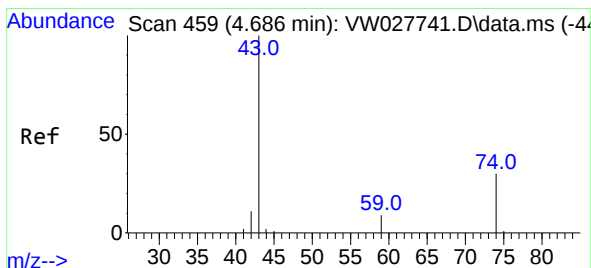
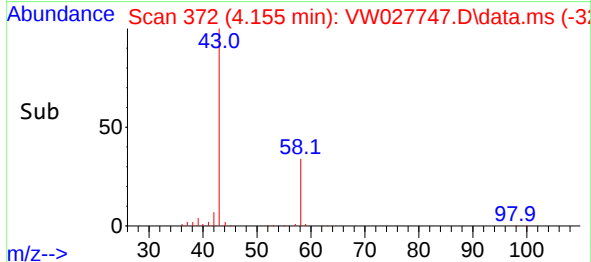
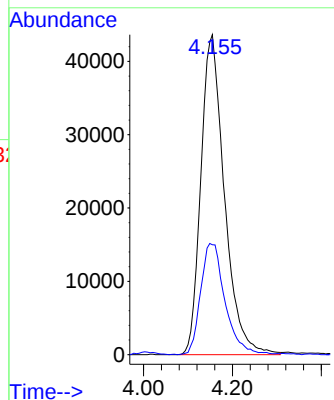
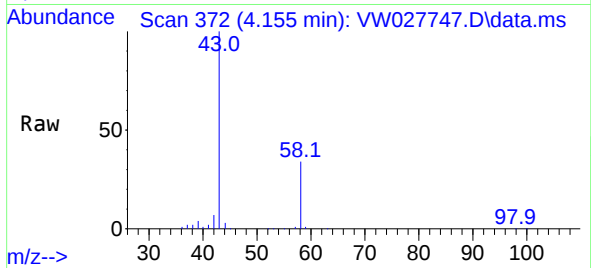




#13
Acetone
Concen: 118.305 ug/L
RT: 4.155 min Scan# 31
Delta R.T. -0.031 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

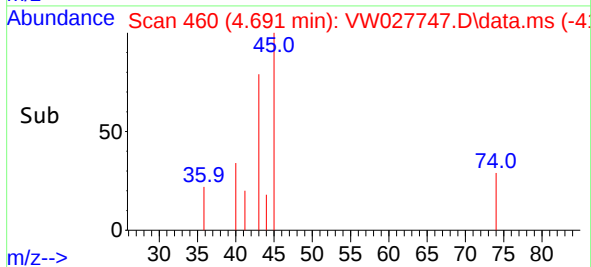
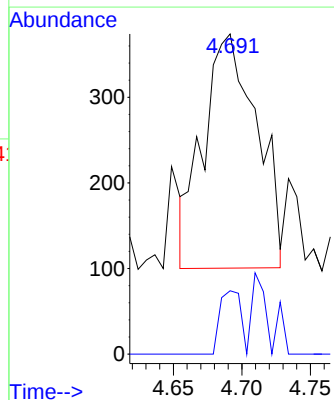
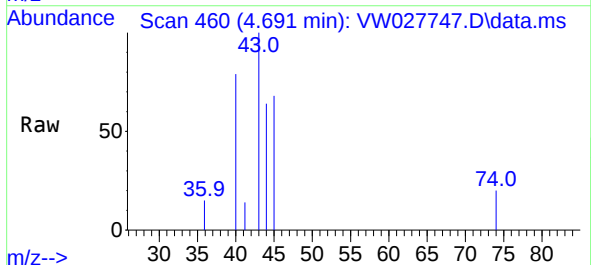
Instrument :
MSVOA_W
ClientSampleId :

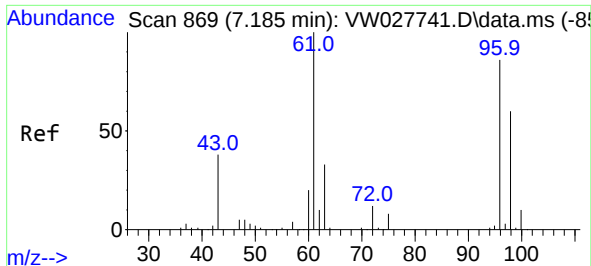
Tgt Ion: 43 Resp: 160864
Ion Ratio Lower Upper
43 100
58 35.6 0.0 68.6



#15
Methyl Acetate
Concen: 0.303 ug/L
RT: 4.691 min Scan# 460
Delta R.T. -0.006 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
74 10.3 22.1 33.1#

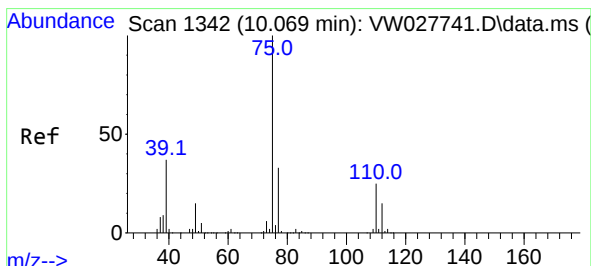
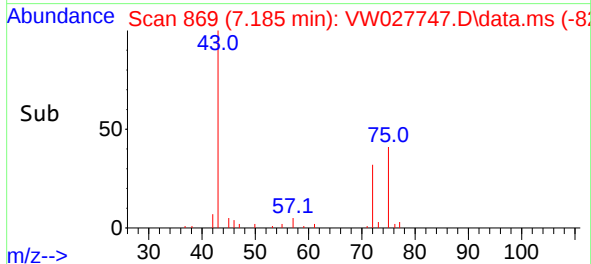
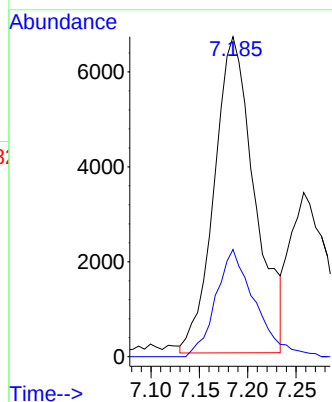
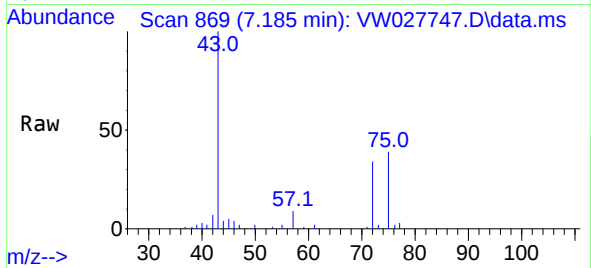




#22
2-Butanone
Concen: 10.777 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.012 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

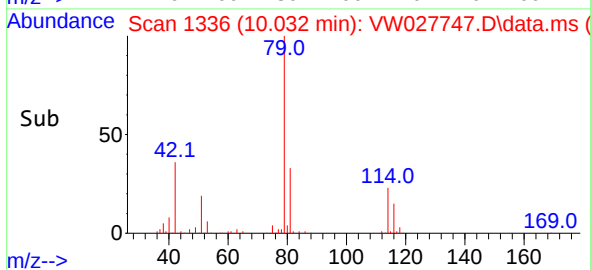
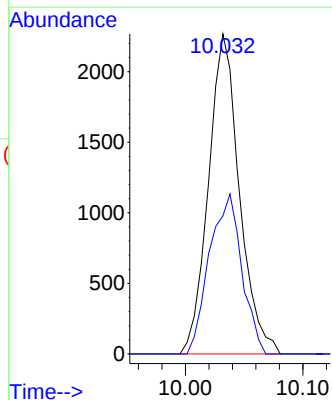
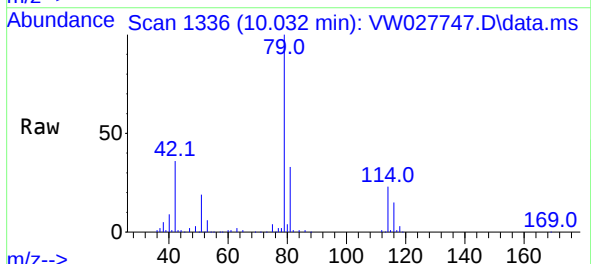
Instrument :
MSVOA_W
ClientSampleId :

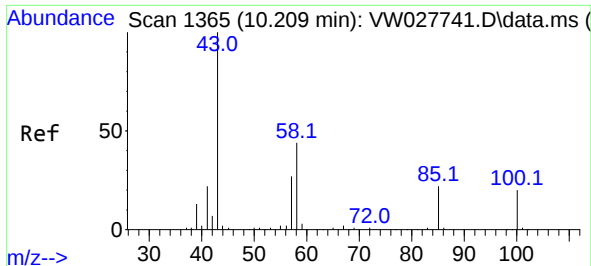
Tgt Ion: 43 Resp: 19459
Ion Ratio Lower Upper
43 100
72 32.8 16.1 48.2



#39
cis-1,3-Dichloropropene
Concen: 0.383 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.037 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

Tgt Ion: 75 Resp: 4149
Ion Ratio Lower Upper
75 100
77 43.1 21.8 40.6#

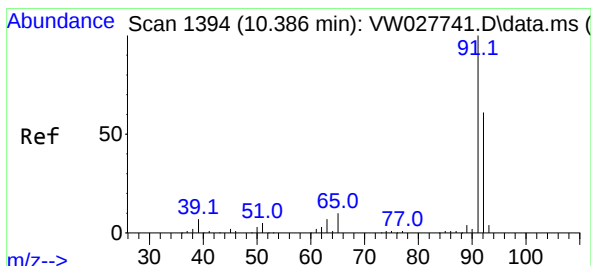
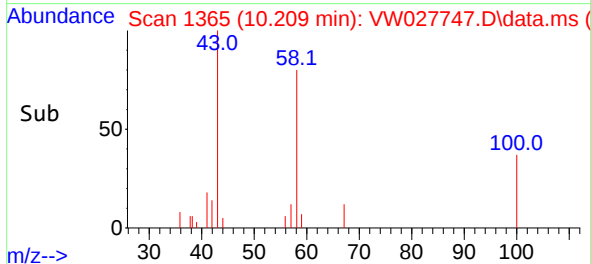
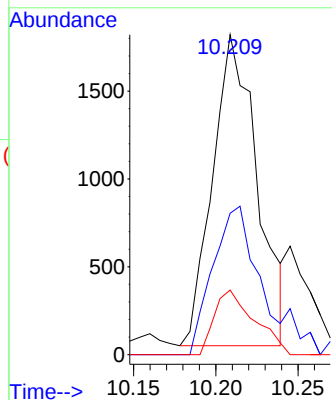
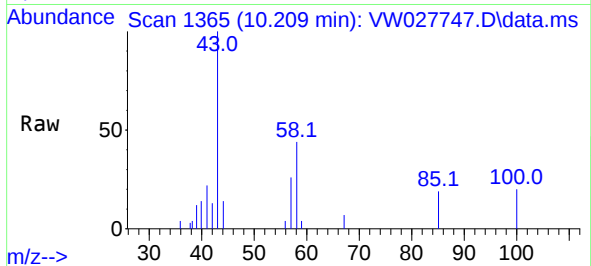




#40
4-Methyl-2-pentanone
Concen: 1.077 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

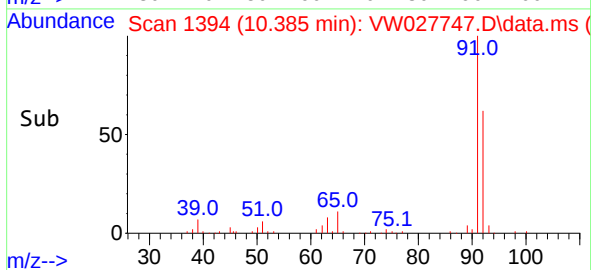
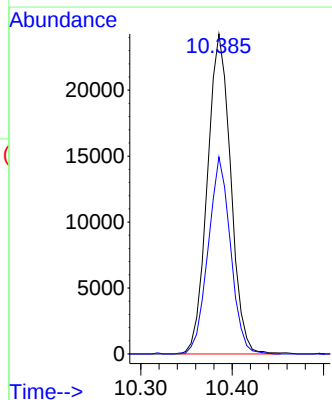
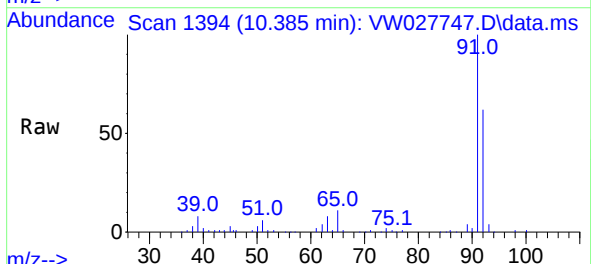
Instrument :
MSVOA_W
ClientSampleId :

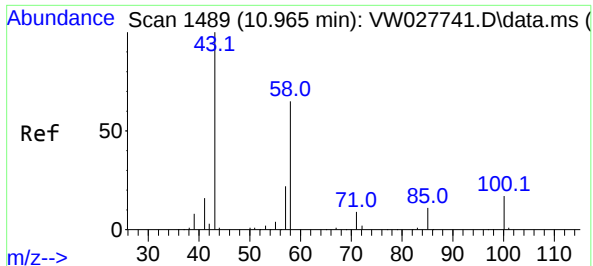
Tgt Ion:	43	Resp:	3345
Ion	Ratio	Lower	Upper
43	100		
58	47.7	36.1	54.1
100	18.7	15.8	23.8



#42
Toluene
Concen: 1.359 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

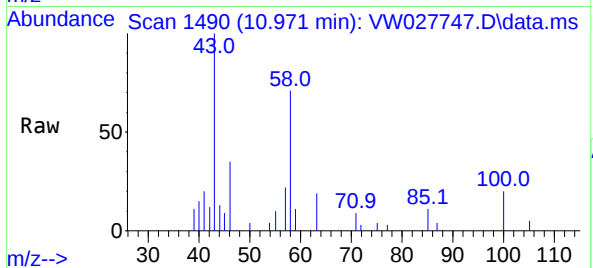
Tgt Ion:	91	Resp:	43034
Ion	Ratio	Lower	Upper
91	100		
92	61.5	41.2	76.4



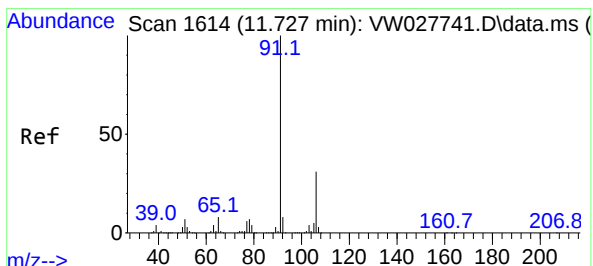
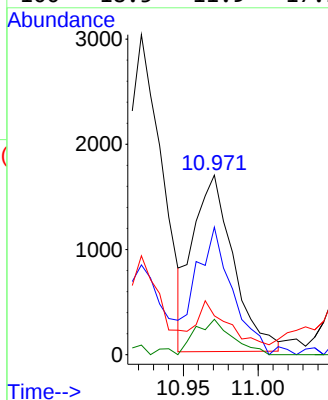
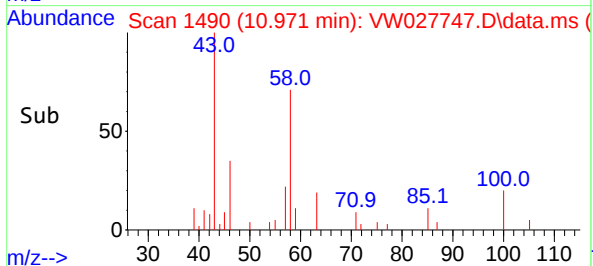


#48
2-Hexanone
Concen: 1.362 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

Instrument :
MSVOA_W
ClientSampleId :

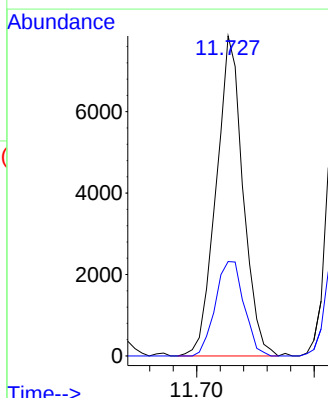
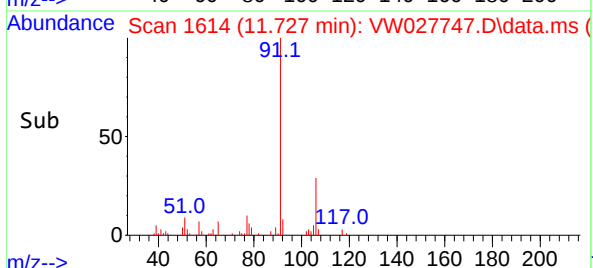
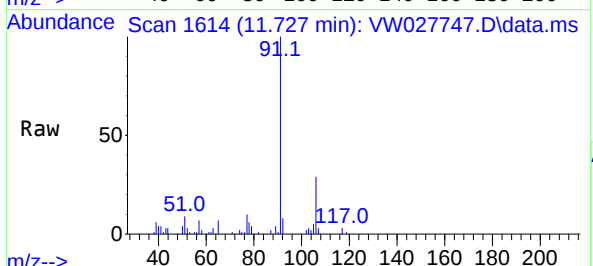


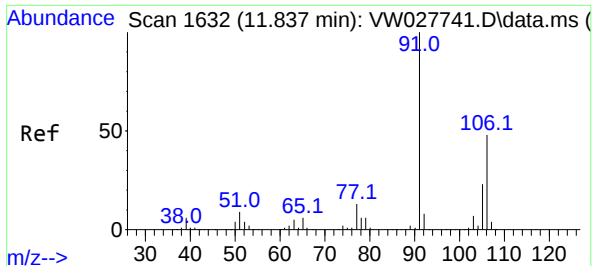
Tgt Ion: 43 Resp: 3148
Ion Ratio Lower Upper
43 100
58 64.4 50.4 75.6
57 21.2 17.0 25.6
100 18.5 11.9 17.9#



#52
Ethylbenzene
Concen: 0.349 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

Tgt Ion: 91 Resp: 12467
Ion Ratio Lower Upper
91 100
106 29.5 23.7 44.1

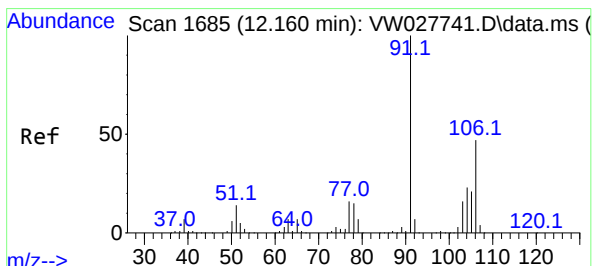
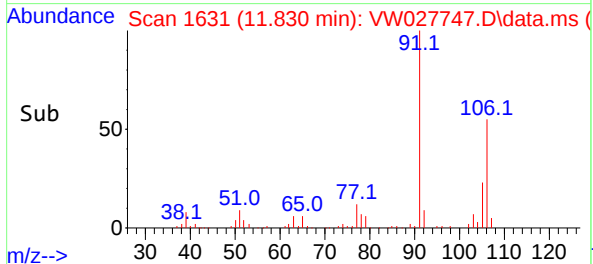
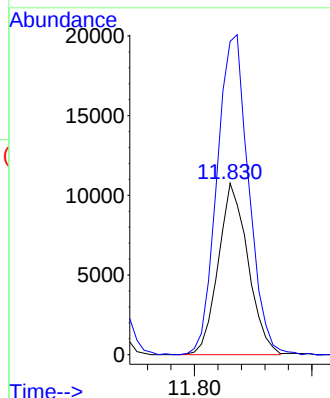
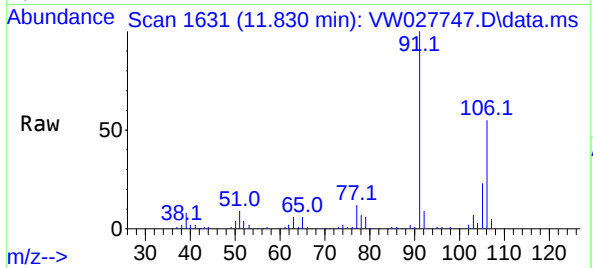




#53
m,p-Xylene
Concen: 1.378 ug/L
RT: 11.830 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

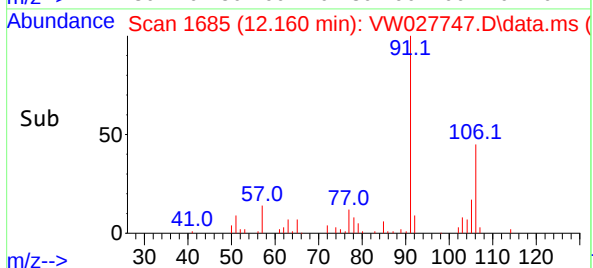
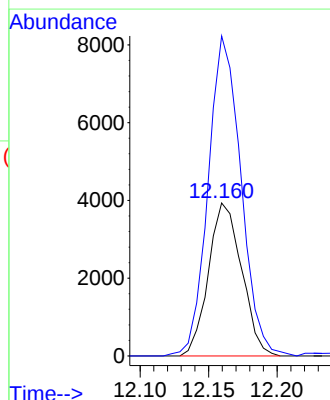
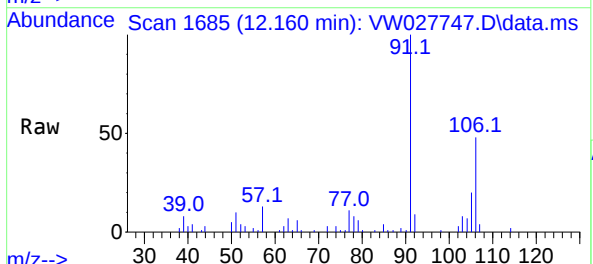
Instrument :
MSVOA_W
ClientSampleId :

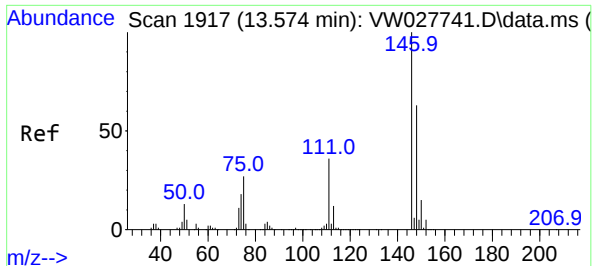
Tgt Ion:106 Resp: 18894
Ion Ratio Lower Upper
106 100
91 182.9 135.7 251.9



#54
o-Xylene
Concen: 0.520 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

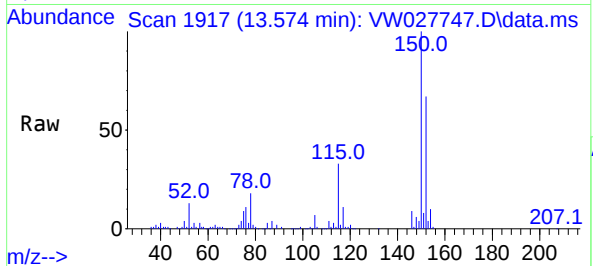
Tgt Ion:106 Resp: 6635
Ion Ratio Lower Upper
106 100
91 209.1 149.9 278.3





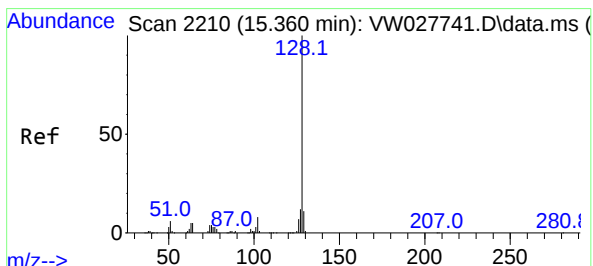
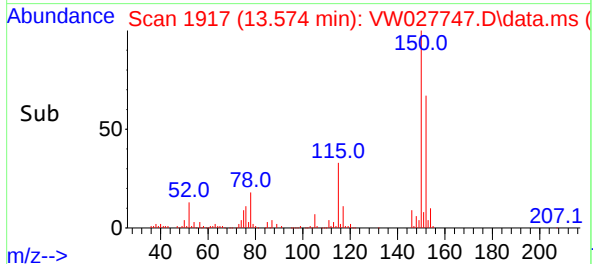
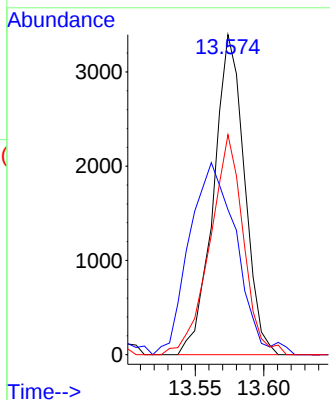
#65
1,4-Dichlorobenzene
Concen: 0.431 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

Instrument :
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ClientSampleId :



Tgt Ion:146 Resp: 5326

Ion	Ratio	Lower	Upper
146	100		
111	45.3	26.2	48.6
148	68.7	46.3	85.9



#71
Naphthalene
Concen: 0.552 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VW027747.D
Acq: 18 Dec 2023 22:58

Tgt Ion:128 Resp: 6886

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	7.5	8.6	12.8#

