

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027421.D
 Acq On : 24 Oct 2023 16:57
 Operator : SY/MD
 Sample : 05034-05
 Misc : 6.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 01:33:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

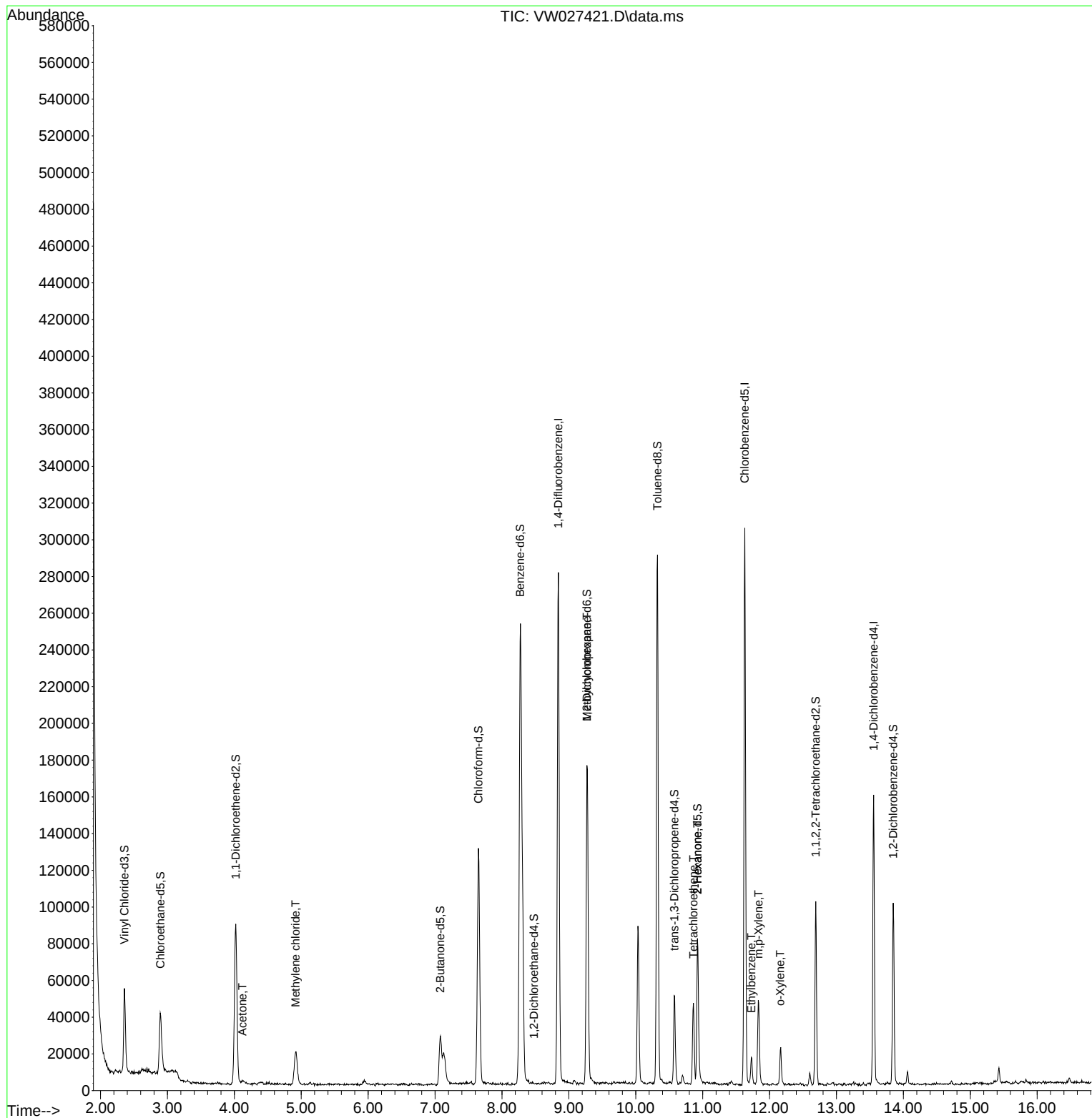
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	223115	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	156286	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	37315	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	53474	15.704	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.800%
7) Chloroethane-d5	2.893	69	46638	19.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
11) 1,1-Dichloroethene-d2	4.021	65	27339	16.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.080%
21) 2-Butanone-d5	7.075	46	45523	40.223	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.440%
24) Chloroform-d	7.648	84	128195	19.278	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.120%
26) 1,2-Dichloroethane-d4	8.478	65	80	0.022	ug/L	0.17
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.270	84	251508	23.786	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.160%
36) 1,2-Dichloropropane-d6	9.270	67	83825	25.955	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.800%
41) Toluene-d8	10.325	98	188216	19.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.520%
43) trans-1,3-Dichloroprop...	10.575	79	26712	18.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.560%
47) 2-Hexanone-d5	10.922	63	25812	38.629	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	49256	20.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	25017	18.501	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.000%#
Target Compounds					Qvalue	
13) Acetone	4.119	43	3650	3.734	ug/L	71
16) Methylene chloride	4.917	84	13454	3.294	ug/L	86
35) Methylcyclohexane	9.270	83	19220	3.984	ug/L #	18
46) Tetrachloroethene	10.861	164	9684	5.198	ug/L	90
48) 2-Hexanone	10.922	43	4930	3.507	ug/L #	68
52) Ethylbenzene	11.727	91	9706	0.780	ug/L	97
53) m,p-Xylene	11.837	106	13117	2.778	ug/L	98
54) o-Xylene	12.160	106	5303	1.173	ug/L	92

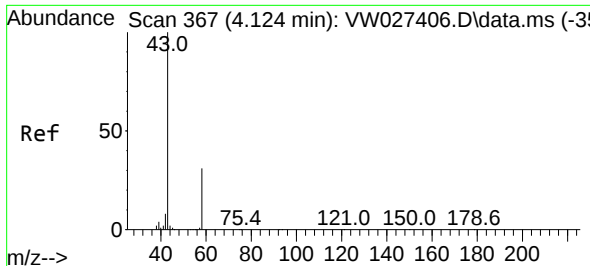
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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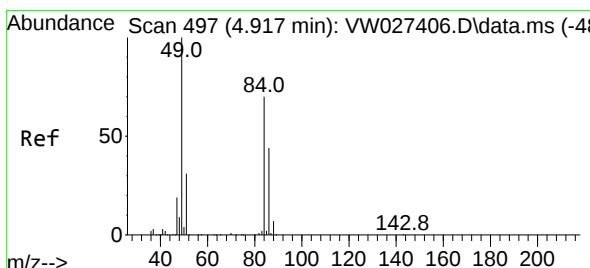
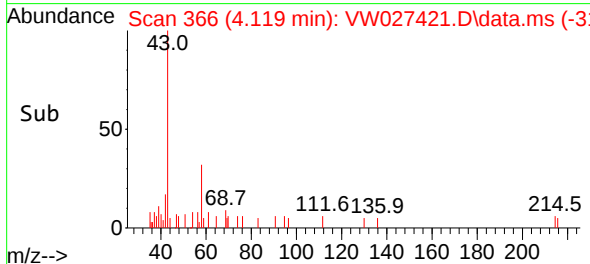
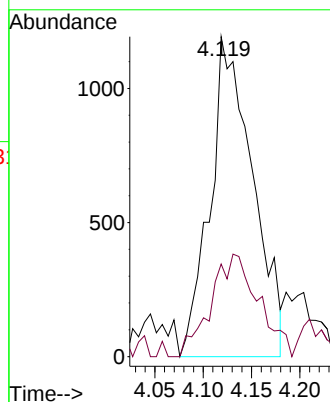
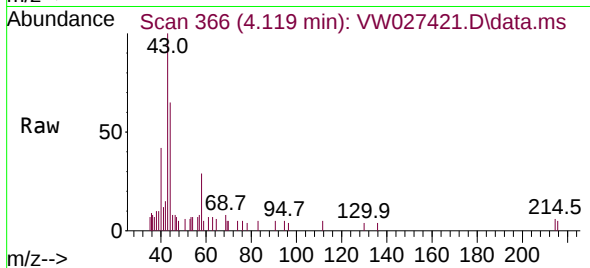




#13
Acetone
Concen: 3.734 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW027421.D
Acq: 24 Oct 2023 16:57

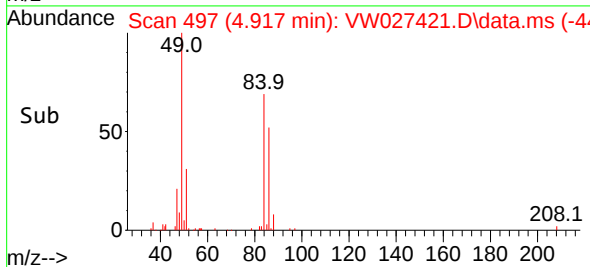
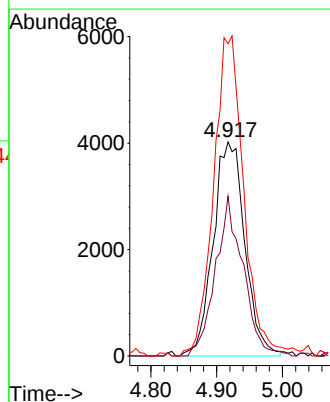
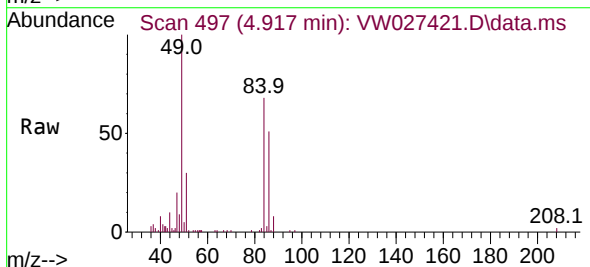
Instrument :
MSVOA_W
ClientSampleId :

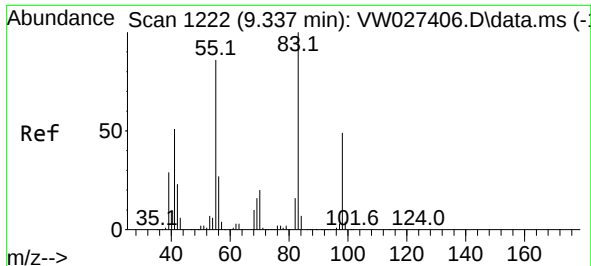
Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
58 14.5 0.0 60.8



#16
Methylene chloride
Concen: 3.294 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027421.D
Acq: 24 Oct 2023 16:57

Tgt Ion: 84 Resp: 13454
Ion Ratio Lower Upper
84 100
86 74.7 41.3 76.7
49 146.0 92.8 172.4

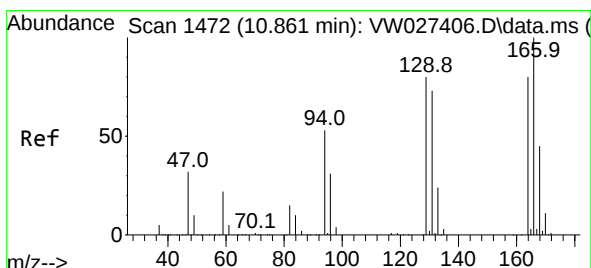
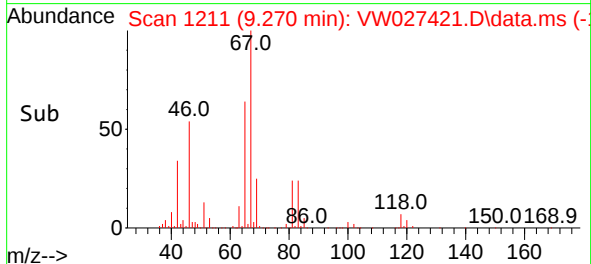
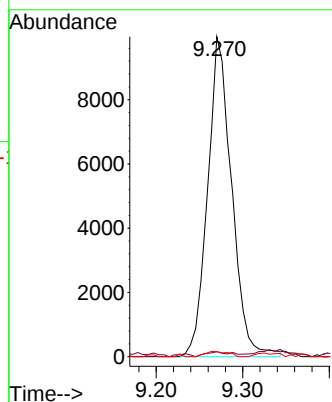
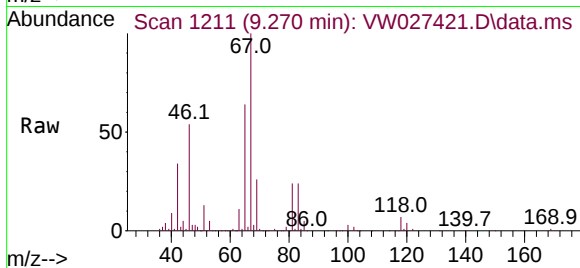




#35
Methylcyclohexane
Concen: 3.984 ug/L
RT: 9.270 min Scan# 1222
Delta R.T. -0.067 min
Lab File: VW027421.D
Acq: 24 Oct 2023 16:57

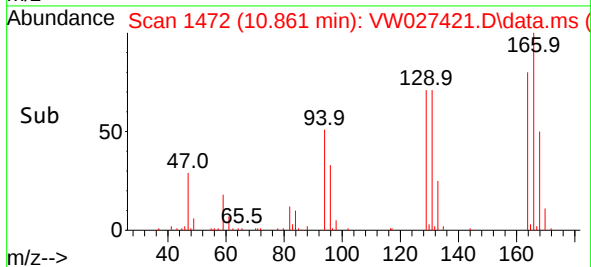
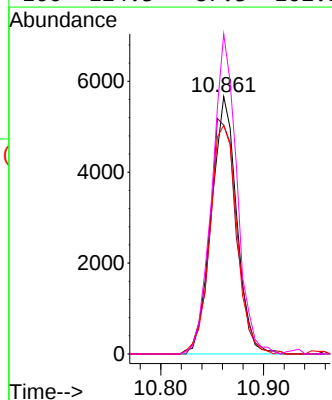
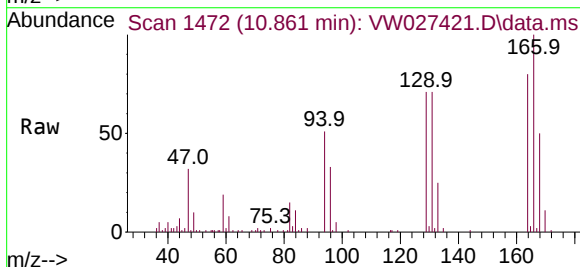
Instrument :
MSVOA_W
ClientSampleId :

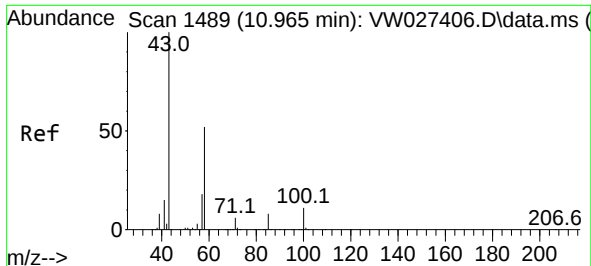
Tgt Ion: 83 Resp: 19220
Ion Ratio Lower Upper
83 100
55 1.2 65.8 98.8#
98 1.6 38.1 57.1#



#46
Tetrachloroethene
Concen: 5.198 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027421.D
Acq: 24 Oct 2023 16:57

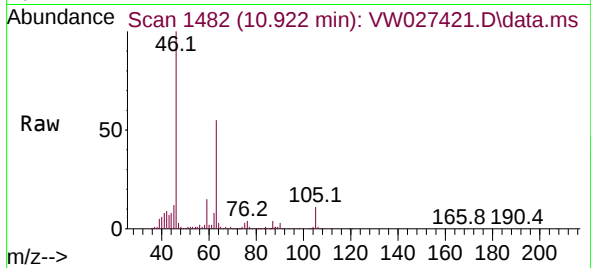
Tgt Ion:164 Resp: 9684
Ion Ratio Lower Upper
164 100
129 88.9 74.7 138.7
131 88.8 73.2 136.0
166 124.3 87.3 162.1



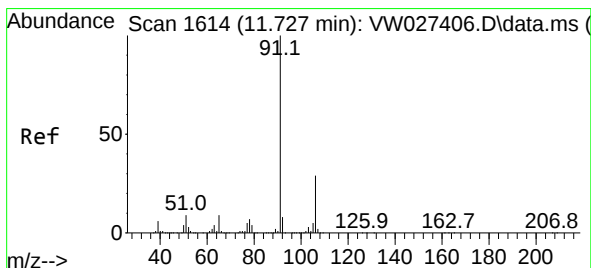
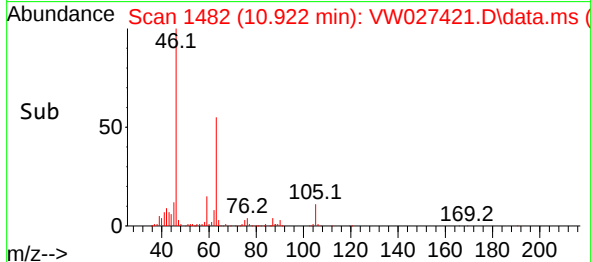
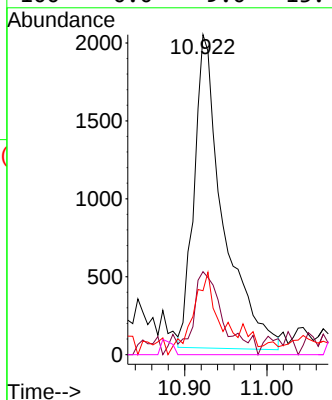


#48
2-Hexanone
Concen: 3.507 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.042 min
Lab File: VW027421.D
Acq: 24 Oct 2023 16:57

Instrument :
MSVOA_W
ClientSampleId :

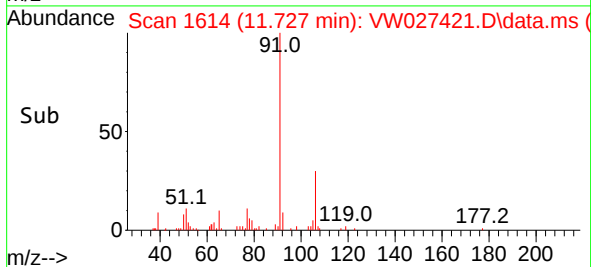
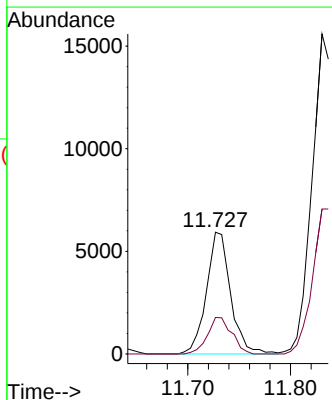
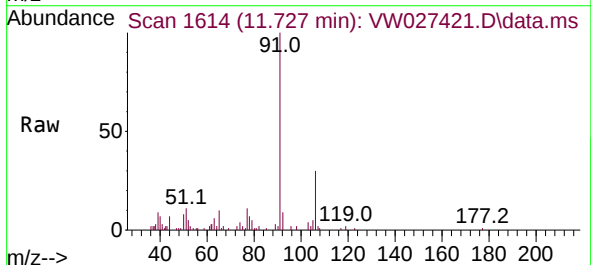


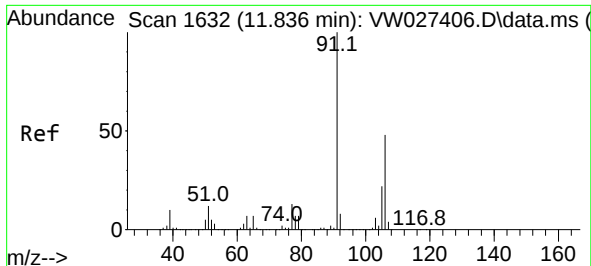
Tgt Ion: 43 Resp: 4930
Ion Ratio Lower Upper
43 100
58 22.3 42.2 63.4#
57 18.2 15.1 22.7
100 0.0 9.0 13.4#



#52
Ethylbenzene
Concen: 0.780 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027421.D
Acq: 24 Oct 2023 16:57

Tgt Ion: 91 Resp: 9706
Ion Ratio Lower Upper
91 100
106 30.0 19.8 36.8

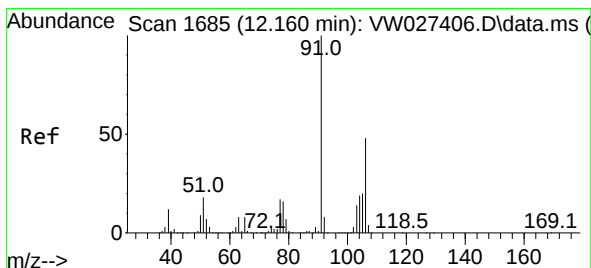
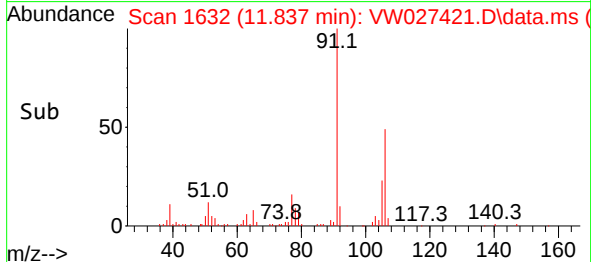
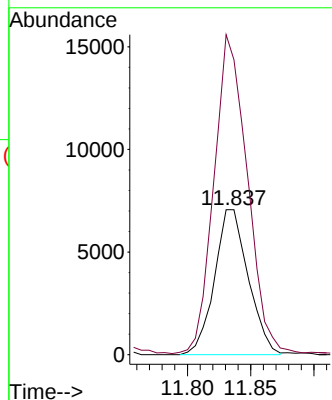
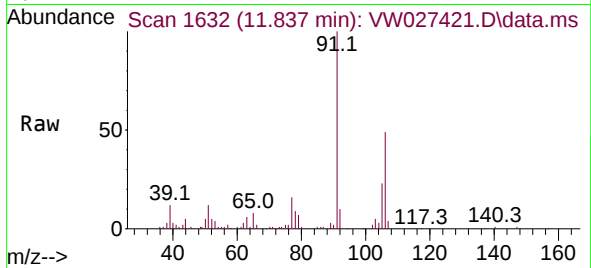




#53
m,p-Xylene
Concen: 2.778 ug/L
RT: 11.837 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW027421.D
Acq: 24 Oct 2023 16:57

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 13117
Ion Ratio Lower Upper
106 100
91 203.5 144.5 268.4



#54
o-Xylene
Concen: 1.173 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027421.D
Acq: 24 Oct 2023 16:57

Tgt Ion:106 Resp: 5303
Ion Ratio Lower Upper
106 100
91 204.3 152.0 282.2

