

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027374.D
 Acq On : 20 Oct 2023 15:22
 Operator : SY/MD
 Sample : 04961-02
 Misc : 4.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 04:29:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

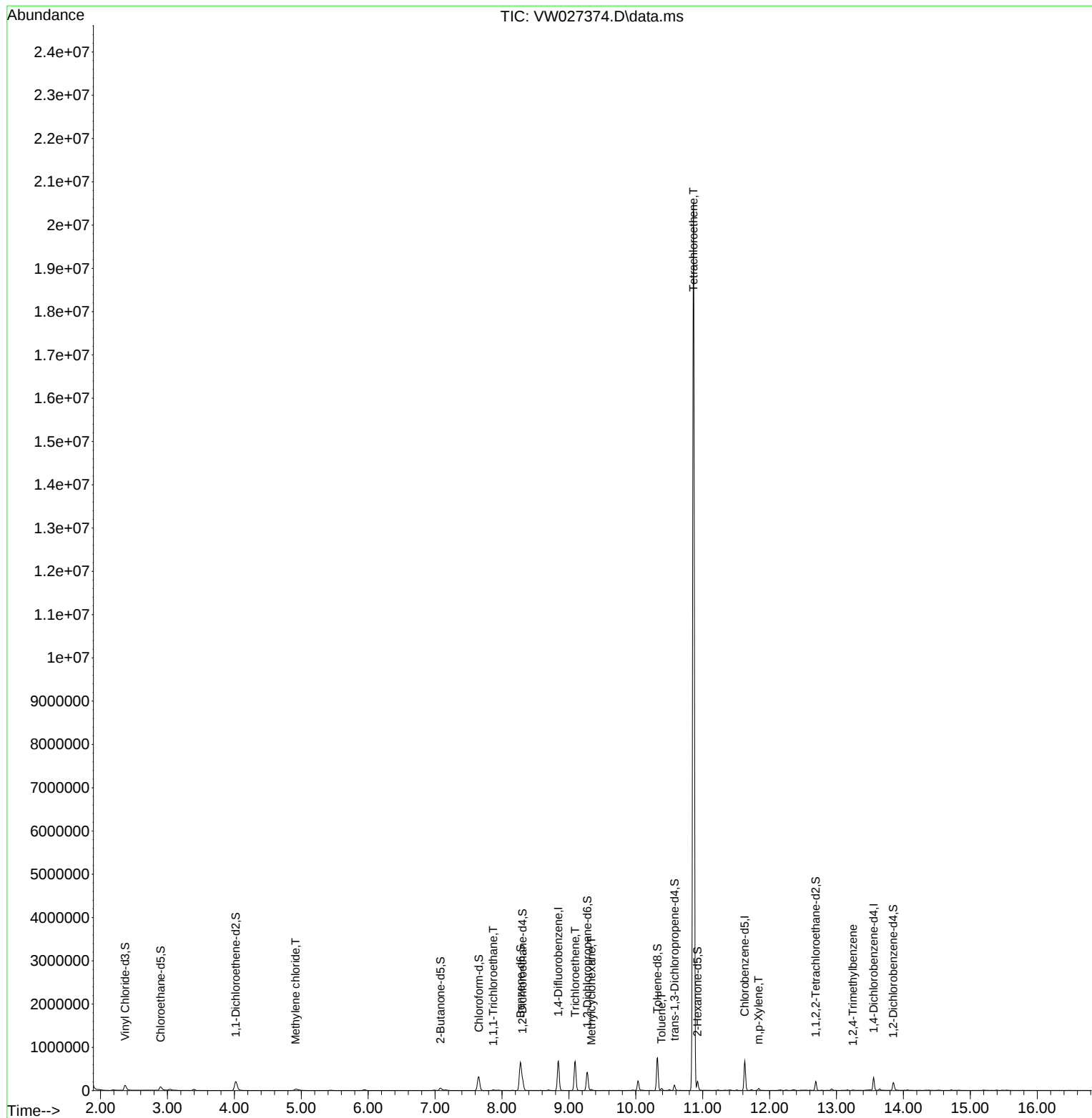
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	556755	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	353978	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	72318	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	143421	16.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.520%
7) Chloroethane-d5	2.899	69	114833	18.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.280%
11) 1,1-Dichloroethene-d2	4.021	65	76200	17.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.600%
21) 2-Butanone-d5	7.081	46	101974	36.107	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.220%
24) Chloroform-d	7.654	84	328474	19.795	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.160%
26) 1,2-Dichloroethane-d4	8.306	65	171811	19.274	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.080%
32) Benzene-d6	8.276	84	664970	27.766	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.080%
36) 1,2-Dichloropropane-d6	9.276	67	206667	28.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.000%
41) Toluene-d8	10.324	98	489459	22.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.160%
43) trans-1,3-Dichloroprop...	10.580	79	67874	20.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.400%
47) 2-Hexanone-d5	10.922	63	68498	45.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104776	19.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	43834	16.726	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.920%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.917	84	23844	2.340	ug/L	97
30) 1,1,1-Trichloroethane	7.867	97	11793	1.366	ug/L	97
34) Trichloroethene	9.093	95	243198	39.798	ug/L	97
35) Methylcyclohexane	9.337	83	7490	0.685	ug/L	88
42) Toluene	10.385	91	34390	1.417	ug/L	95
46) Tetrachloroethene	10.861	164	4236711	1004.089	ug/L	94
53) m,p-Xylene	11.836	106	6296	0.589	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	4713	0.508	ug/L	99

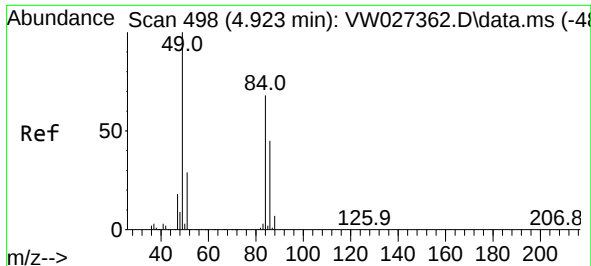
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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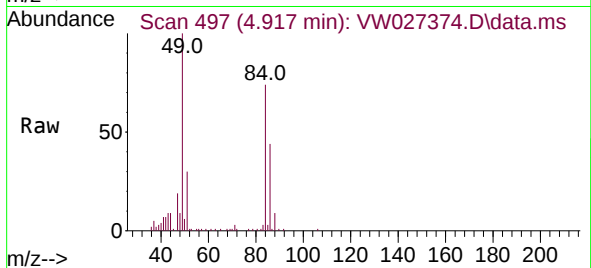
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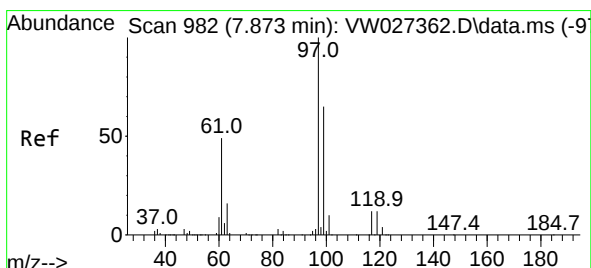
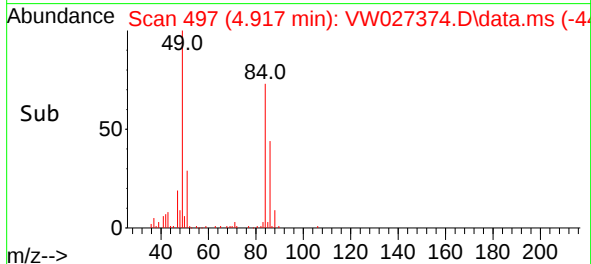
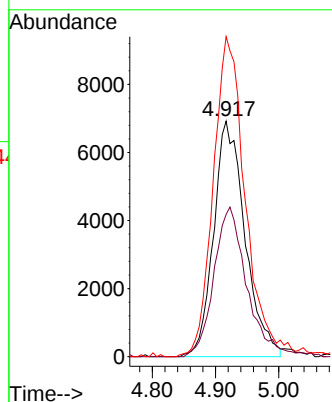
#16
Methylene chloride
Concen: 2.340 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW027374.D
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Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 23844

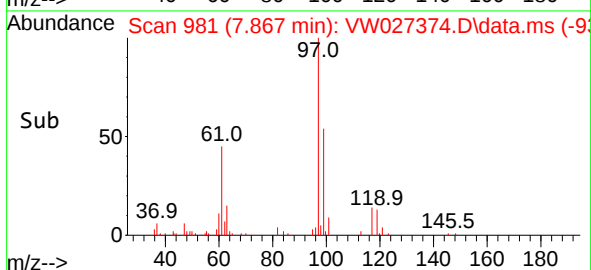
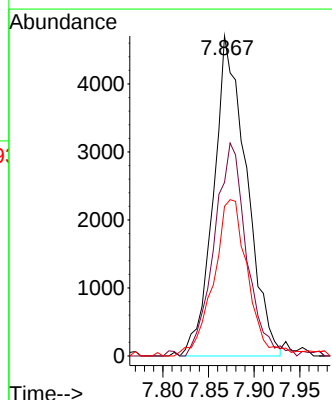
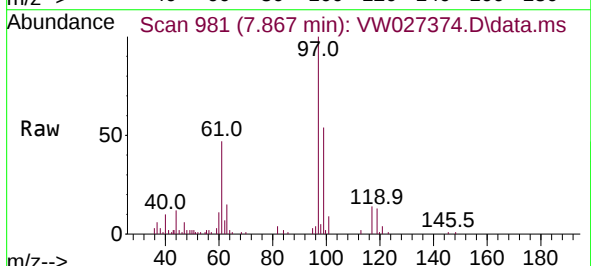
Ion	Ratio	Lower	Upper
84	100		
86	60.4	41.3	76.7
49	135.9	92.8	172.4

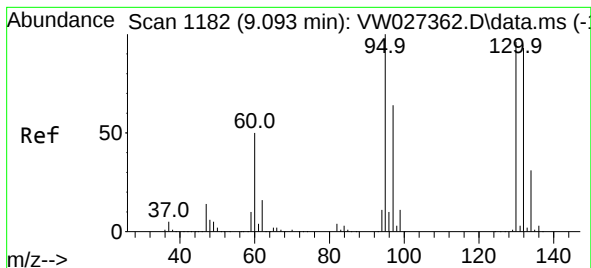


#30
1,1,1-Trichloroethane
Concen: 1.366 ug/L
RT: 7.867 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW027374.D
Acq: 20 Oct 2023 15:22

Tgt Ion: 97 Resp: 11793

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.4	77.0
61	50.5	37.4	56.0





#34

Trichloroethene

Concen: 39.798 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

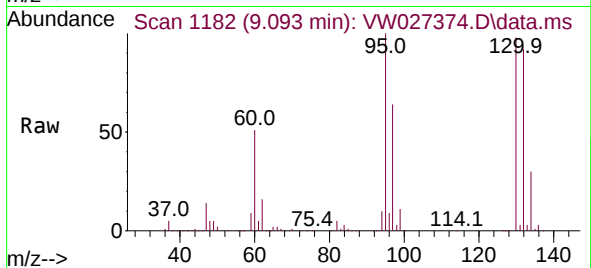
Lab File: VW027374.D

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Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 243198

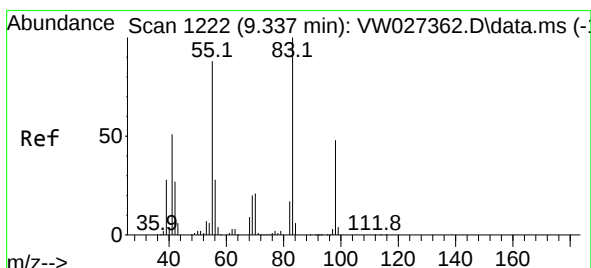
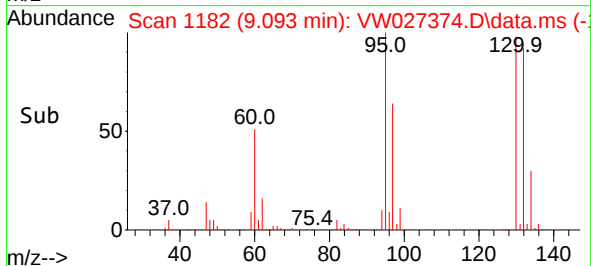
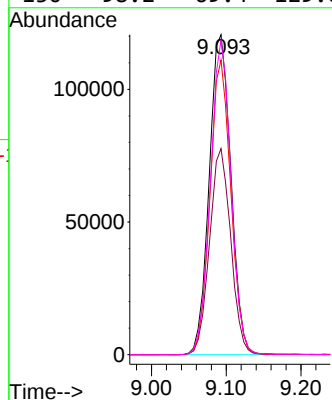
Ion Ratio Lower Upper

95 100

97 64.4 43.4 80.6

132 92.1 67.6 125.6

130 98.2 69.4 129.0



#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027374.D

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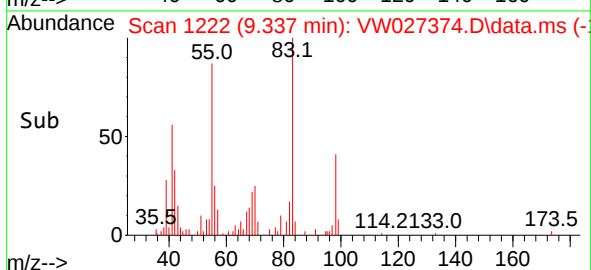
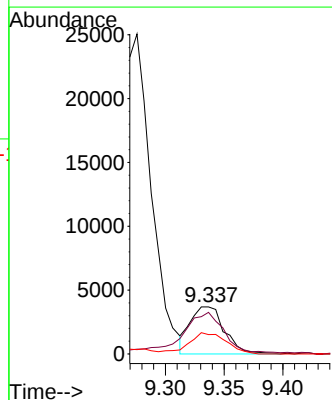
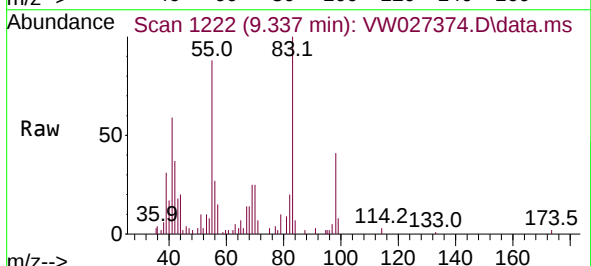
Tgt Ion: 83 Resp: 7490

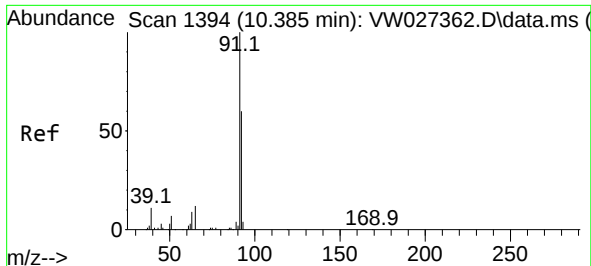
Ion Ratio Lower Upper

83 100

55 98.3 65.8 98.8

98 46.9 38.1 57.1

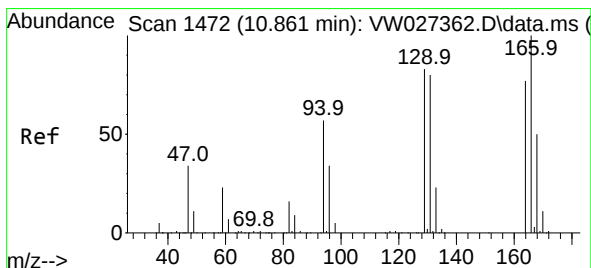
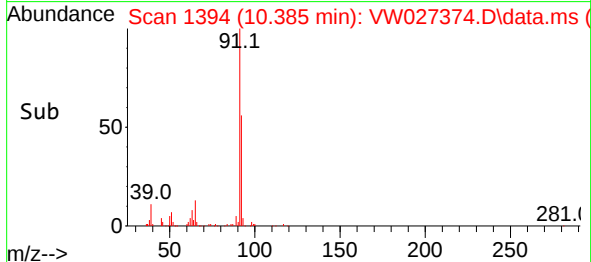
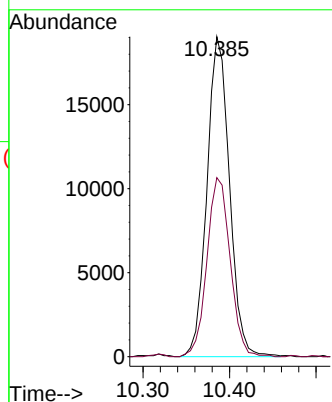
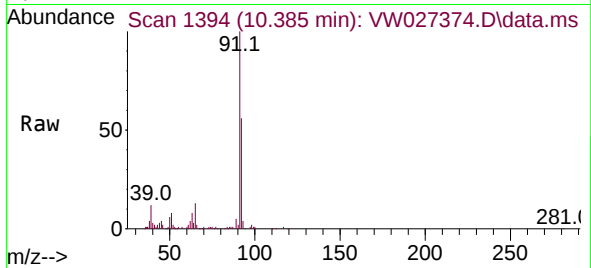




#42
Toluene
Concen: 1.417 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027374.D
Acq: 20 Oct 2023 15:22

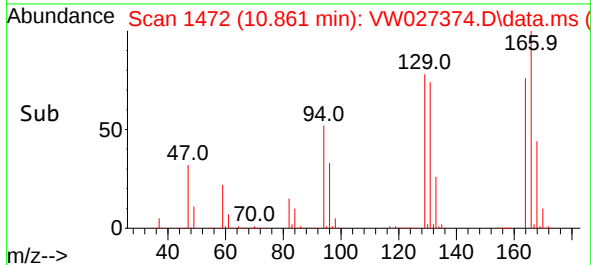
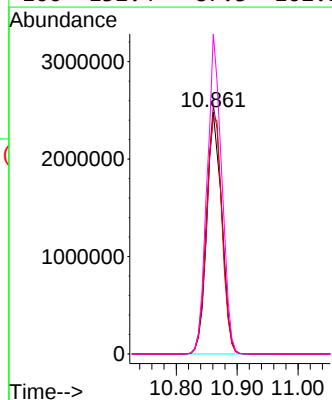
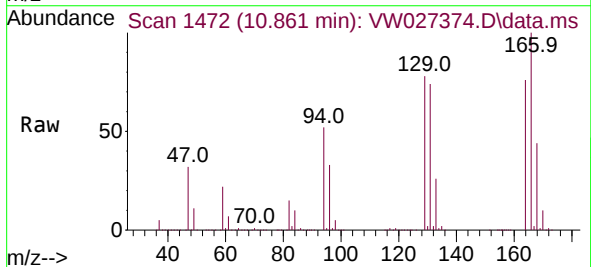
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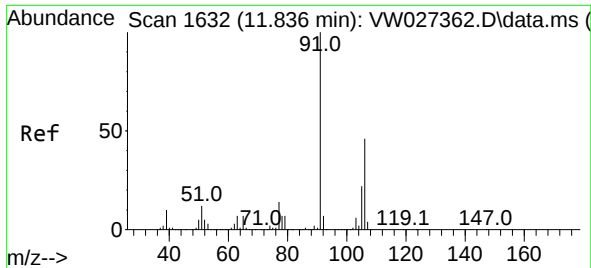
Tgt Ion: 91 Resp: 34390
Ion Ratio Lower Upper
91 100
92 56.0 42.1 78.1



#46
Tetrachloroethene
Concen: 1004.089 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027374.D
Acq: 20 Oct 2023 15:22

Tgt Ion:164 Resp: 4236711
Ion Ratio Lower Upper
164 100
129 102.7 74.7 138.7
131 97.7 73.2 136.0
166 132.4 87.3 162.1

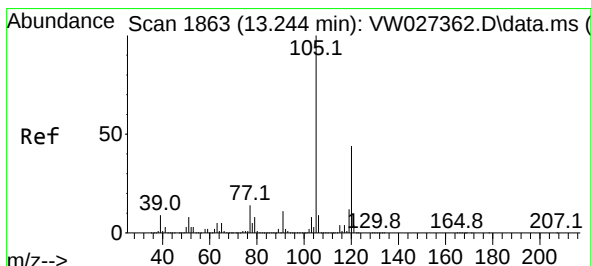
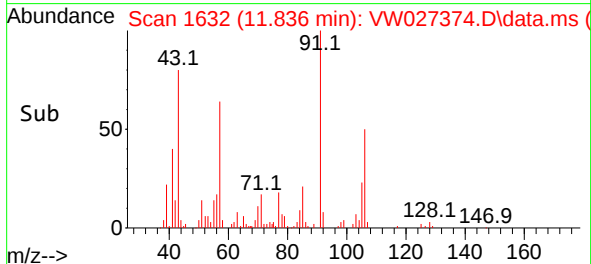
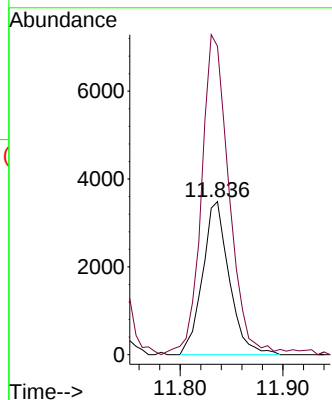
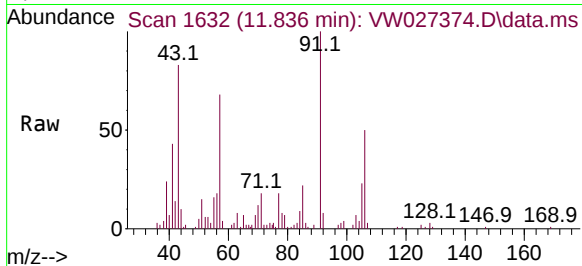




#53
m,p-Xylene
Concen: 0.589 ug/L
RT: 11.836 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027374.D
Acq: 20 Oct 2023 15:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 6296
Ion Ratio Lower Upper
106 100
91 201.5 144.5 268.4



#63
1,2,4-Trimethylbenzene
Concen: 0.508 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027374.D
Acq: 20 Oct 2023 15:22

Tgt Ion:105 Resp: 4713
Ion Ratio Lower Upper
105 100
120 44.8 35.4 53.2

