

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050922.D
 Acq On : 23 Sep 2022 16:07
 Operator : JC/MD
 Sample : N4650-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ00DL

Quant Time: Sep 24 00:24:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

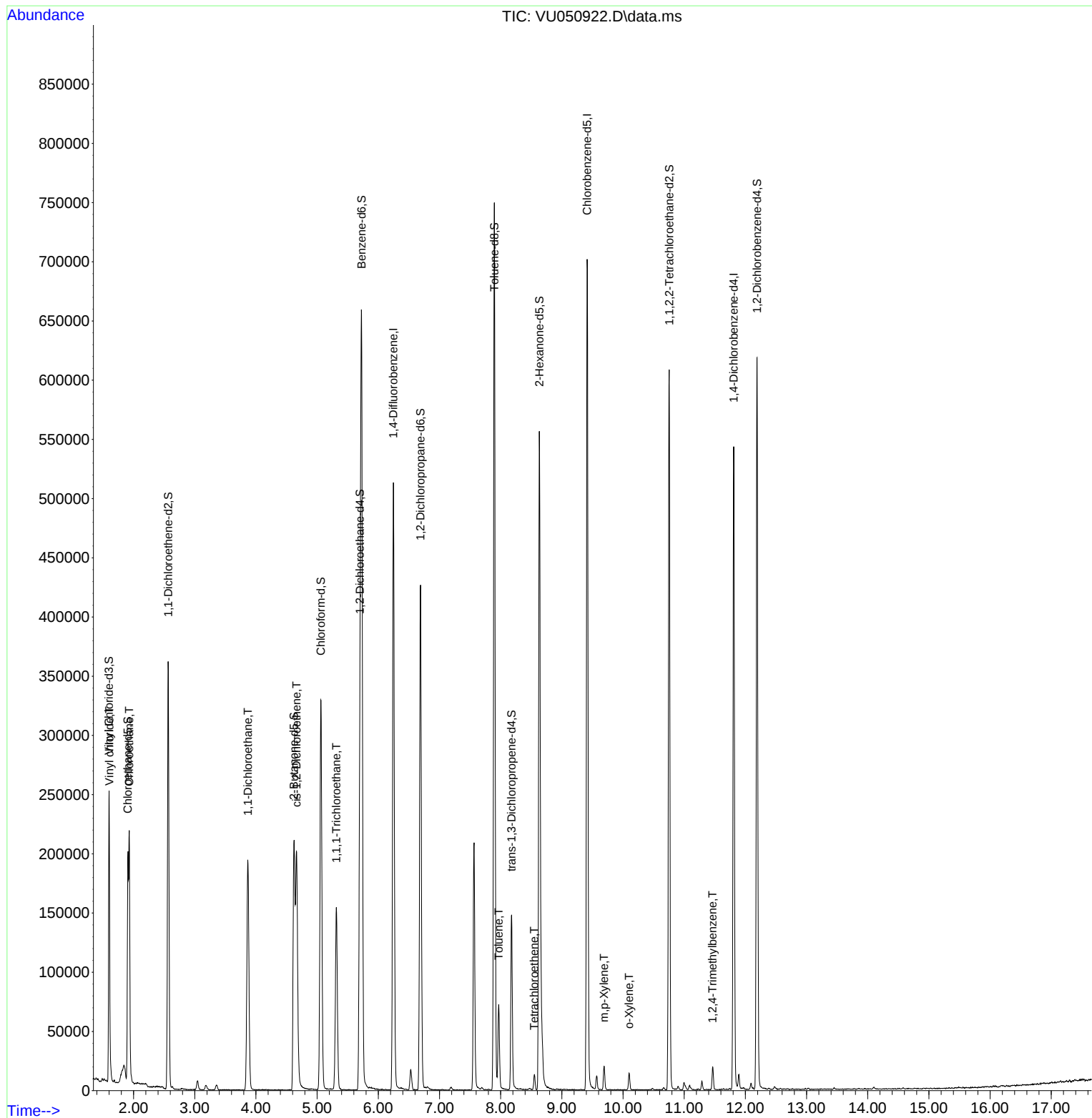
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	405334	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	392973	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	145717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	165034	39.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.600%
7) Chloroethane-d5	1.906	69	140086	46.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.680%
11) 1,1-Dichloroethene-d2	2.565	63	211762	32.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.820%
21) 2-Butanone-d5	4.620	46	306185	112.933	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.930%
24) Chloroform-d	5.060	84	307425	46.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
26) 1,2-Dichloroethane-d4	5.700	65	200728	49.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
32) Benzene-d6	5.726	84	605913	46.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
36) 1,2-Dichloropropane-d6	6.691	67	209162	47.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.740%
41) Toluene-d8	7.896	98	491809	43.468	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.940%
43) trans-1,3-Dichloroprop...	8.176	79	84967	44.704	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.400%
47) 2-Hexanone-d5	8.633	63	168590	93.635	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.640%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	311285	46.732	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.460%
66) 1,2-Dichlorobenzene-d4	12.192	152	163764	53.676	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.360%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	29544	6.185	ug/L	94
8) Chloroethane	1.929	64	130506	49.345	ug/L	100
19) 1,1-Dichloroethane	3.867	63	221659	34.347	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	93082	26.285	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	109805	21.003	ug/L	98
42) Toluene	7.967	91	49694	3.461	ug/L	96
46) Tetrachloroethene	8.549	164	3014	1.249	ug/L	92
53) m,p-Xylene	9.690	106	5638	1.059	ug/L	88
54) o-Xylene	10.099	106	4133	0.779	ug/L	85
63) 1,2,4-Trimethylbenzene	11.465	105	10203	1.204	ug/L	100

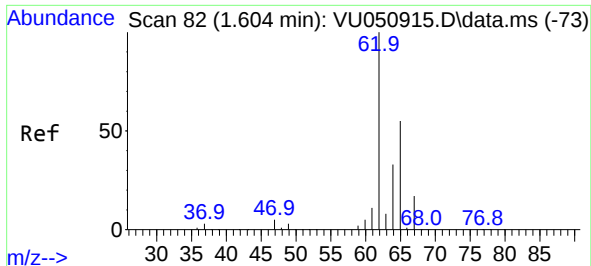
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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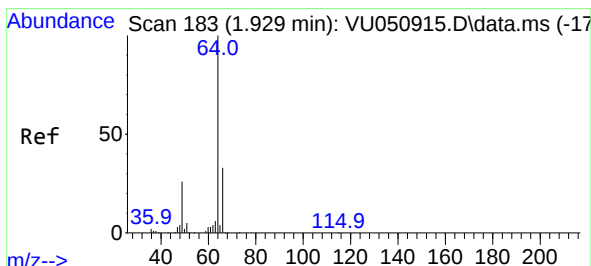
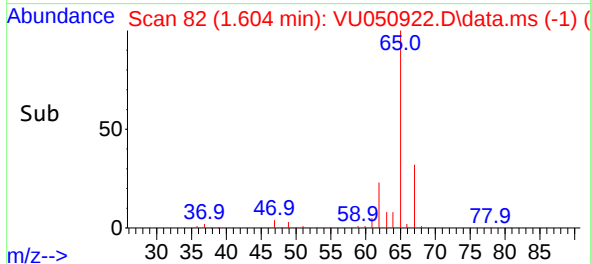
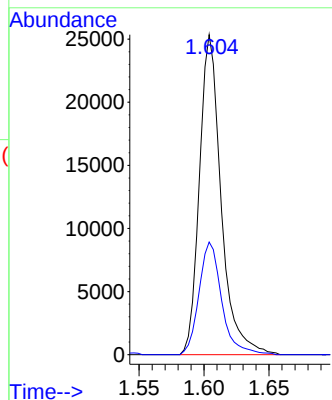
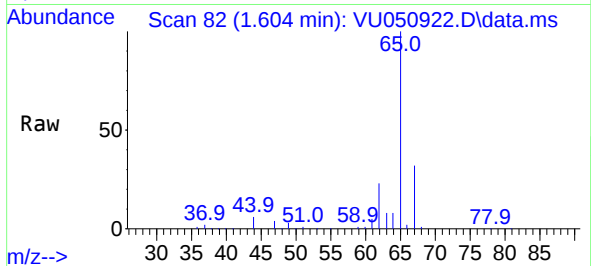




#5
 Vinyl chloride
 Concen: 6.185 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050922.D
 Acq: 23 Sep 2022 16:07

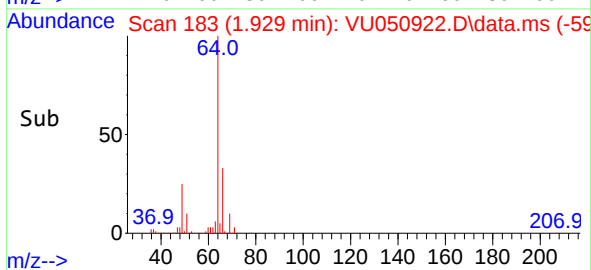
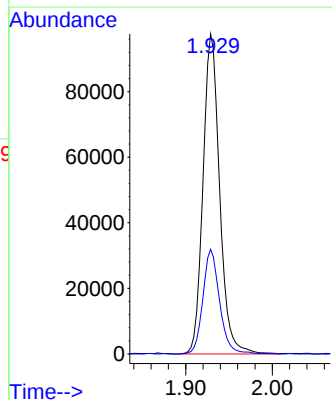
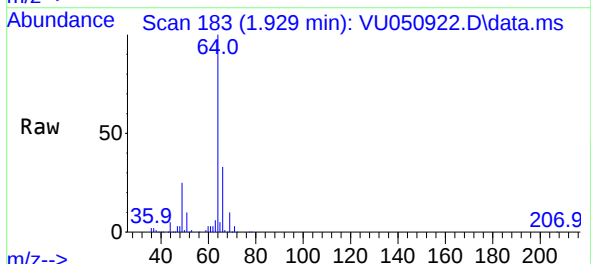
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ00DL

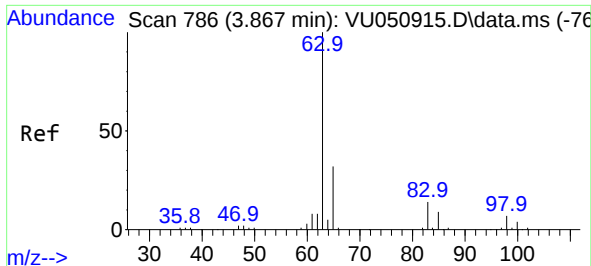
Tgt Ion: 62 Resp: 29544
 Ion Ratio Lower Upper
 62 100
 64 35.2 22.2 41.2



#8
 Chloroethane
 Concen: 49.345 ug/L
 RT: 1.929 min Scan# 183
 Delta R.T. 0.000 min
 Lab File: VU050922.D
 Acq: 23 Sep 2022 16:07

Tgt Ion: 64 Resp: 130506
 Ion Ratio Lower Upper
 64 100
 66 32.7 22.9 42.5

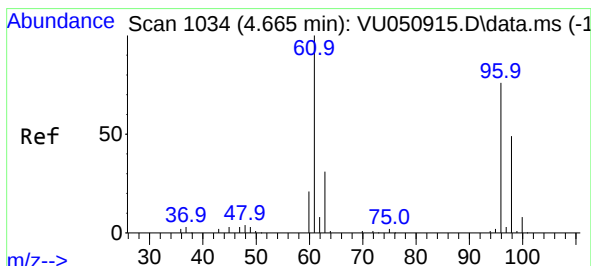
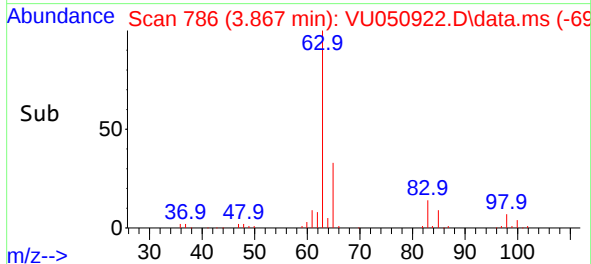
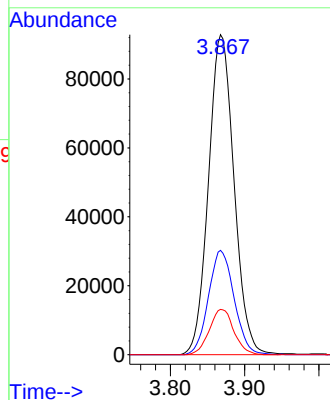
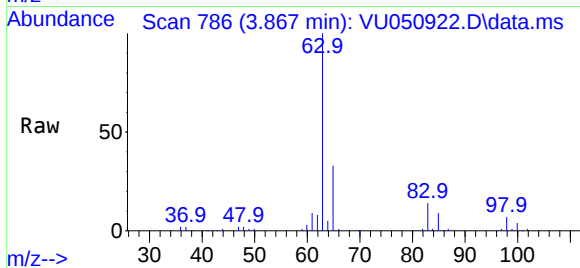




#19
1,1-Dichloroethane
Concen: 34.347 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050922.D
Acq: 23 Sep 2022 16:07

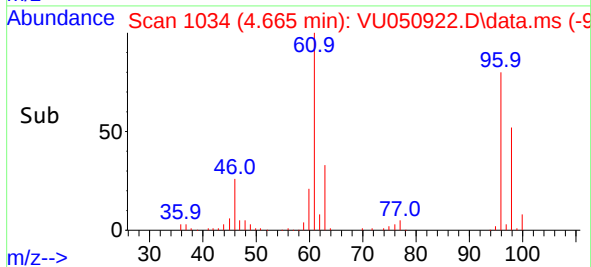
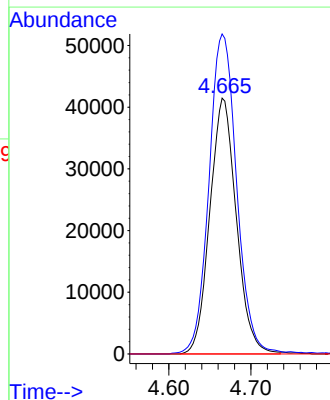
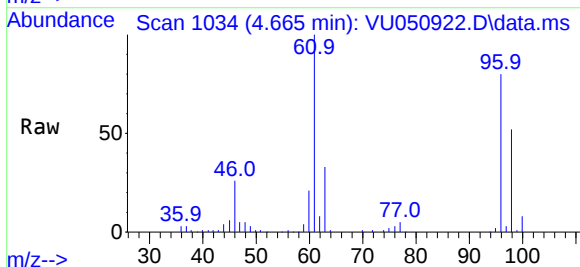
Instrument :
MSVOA_U
ClientSampleId :
EXZ00DL

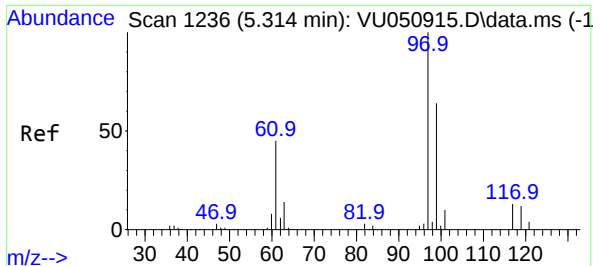
Tgt Ion: 63 Resp: 221659
Ion Ratio Lower Upper
63 100
65 32.6 21.5 39.9
83 14.2 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 26.285 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050922.D
Acq: 23 Sep 2022 16:07

Tgt Ion: 96 Resp: 93082
Ion Ratio Lower Upper
96 100
61 125.1 90.1 167.3
68 0.0 0.0 0.0

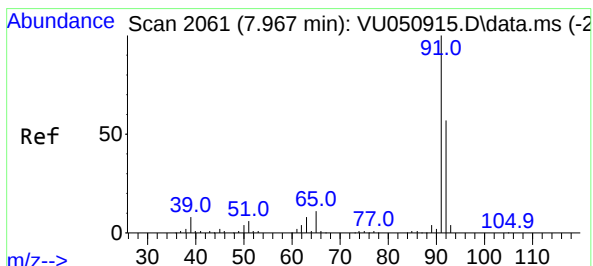
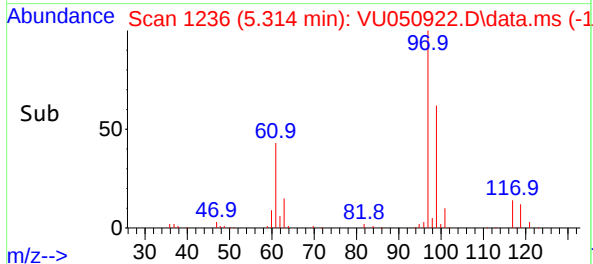
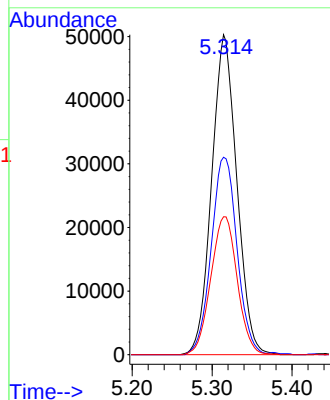
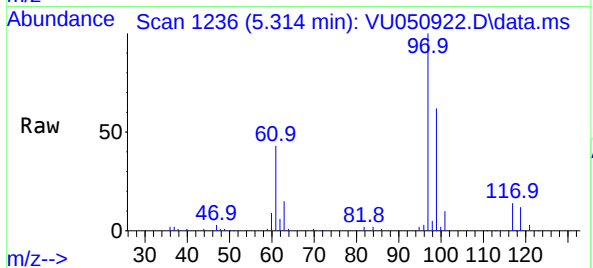




#30
1,1,1-Trichloroethane
Concen: 21.003 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050922.D
Acq: 23 Sep 2022 16:07

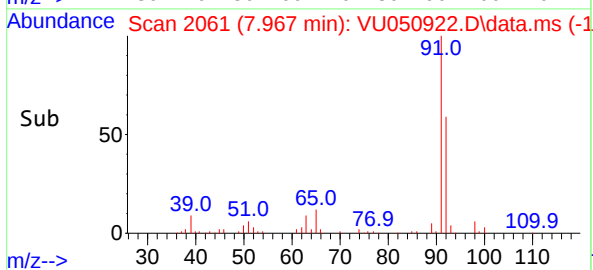
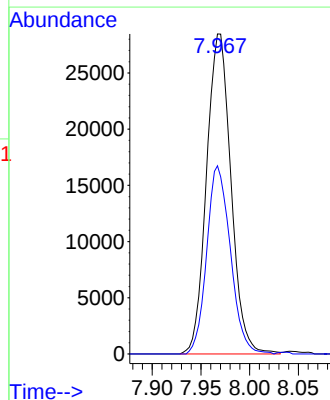
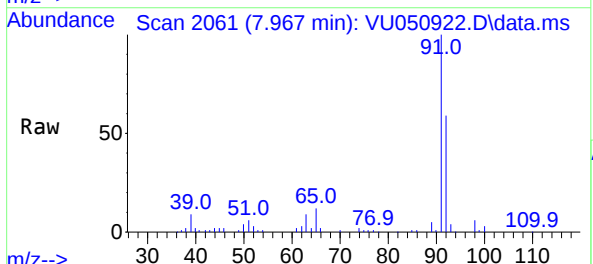
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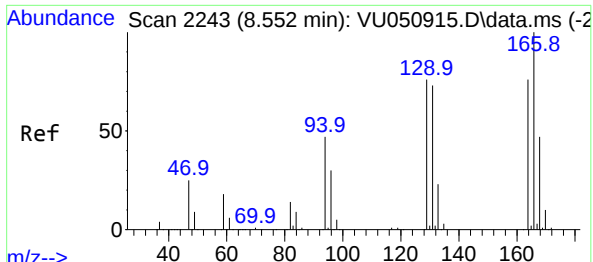
Tgt Ion: 97 Resp: 109805
Ion Ratio Lower Upper
97 100
99 63.4 52.2 78.2
61 45.4 37.1 55.7



#42
Toluene
Concen: 3.461 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU050922.D
Acq: 23 Sep 2022 16:07

Tgt Ion: 91 Resp: 49694
Ion Ratio Lower Upper
91 100
92 58.8 39.1 72.5

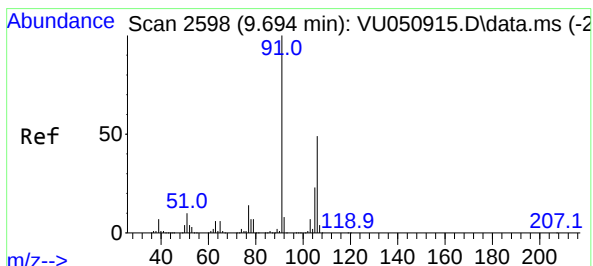
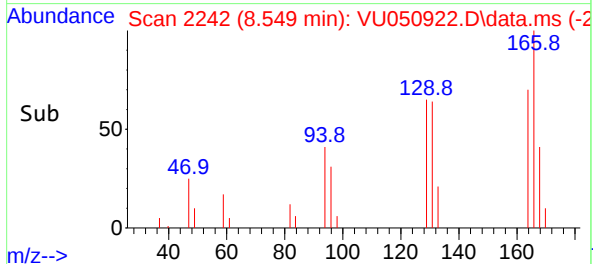
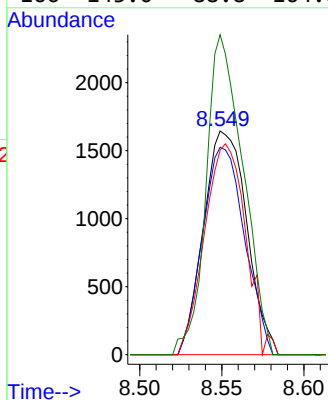
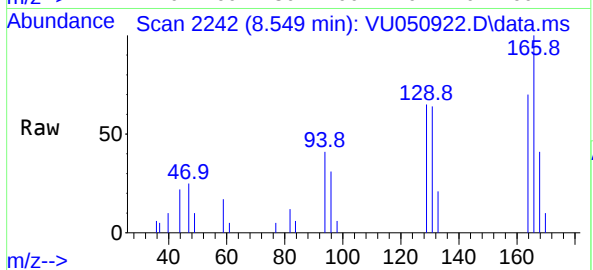




#46
Tetrachloroethene
Concen: 1.249 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050922.D
Acq: 23 Sep 2022 16:07

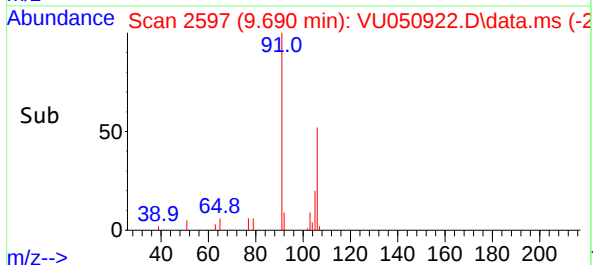
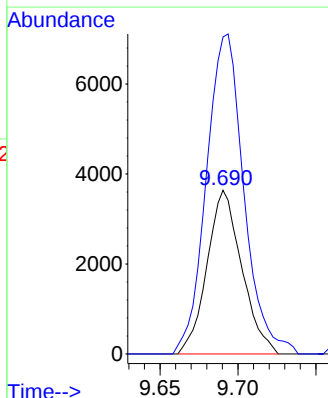
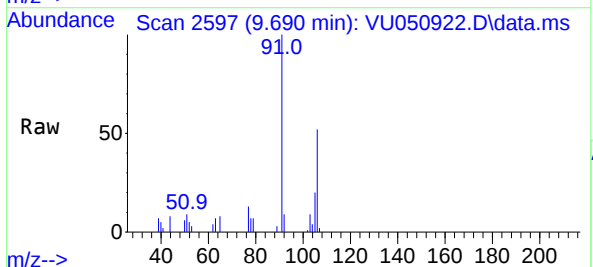
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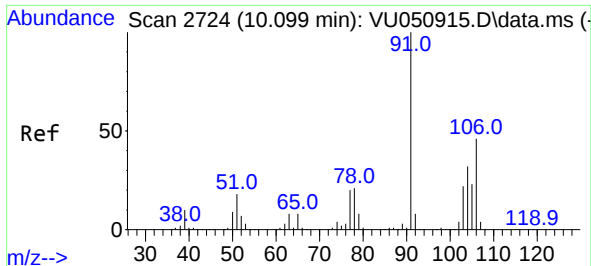
Tgt Ion:164 Resp: 3014
Ion Ratio Lower Upper
164 100
129 92.7 68.5 127.3
131 91.4 66.1 122.7
166 143.0 88.8 164.8



#53
m,p-Xylene
Concen: 1.059 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU050922.D
Acq: 23 Sep 2022 16:07

Tgt Ion:106 Resp: 5638
Ion Ratio Lower Upper
106 100
91 187.0 144.0 267.4

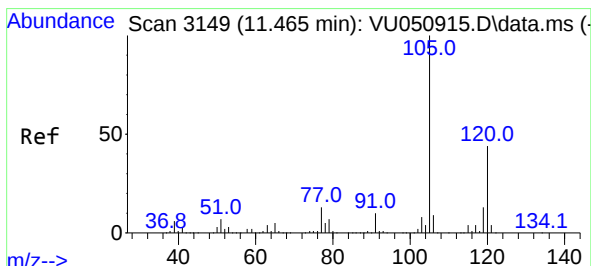
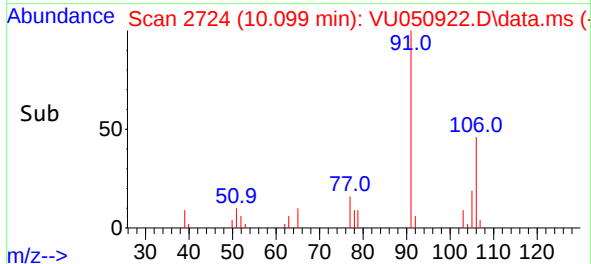
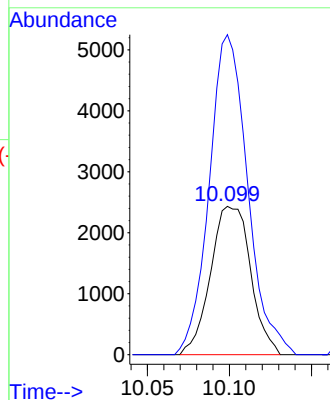
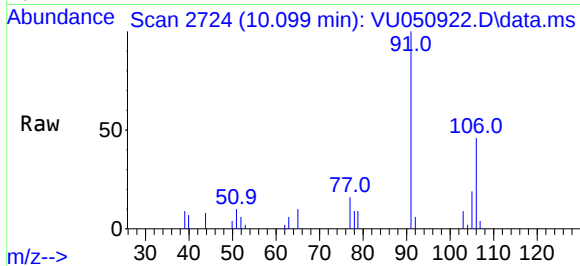




#54
o-Xylene
Concen: 0.779 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050922.D
Acq: 23 Sep 2022 16:07

Instrument :
MSVOA_U
ClientSampleId :
EXZ00DL

Tgt Ion:106 Resp: 4133
Ion Ratio Lower Upper
106 100
91 197.0 154.6 287.0



#63
1,2,4-Trimethylbenzene
Concen: 1.204 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU050922.D
Acq: 23 Sep 2022 16:07

Tgt Ion:105 Resp: 10203
Ion Ratio Lower Upper
105 100
120 43.7 34.9 52.3

