

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049942.D
 Acq On : 27 Jul 2022 04:12
 Operator : SY/MD
 Sample : N3879-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH7

Quant Time: Jul 27 05:32:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73761	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74979	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36022	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	20774	3.479	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.912	69	20770	4.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.565	65	8732	3.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.636	46	134384	62.544	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.080%
24) Chloroform-d	5.063	84	61997	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.703	65	37474	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.729	84	102032	3.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.690	67	39671	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.899	98	77634	3.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.182	79	11813	3.686	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.636	63	64165	50.529	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40207	5.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	33807	4.547	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%

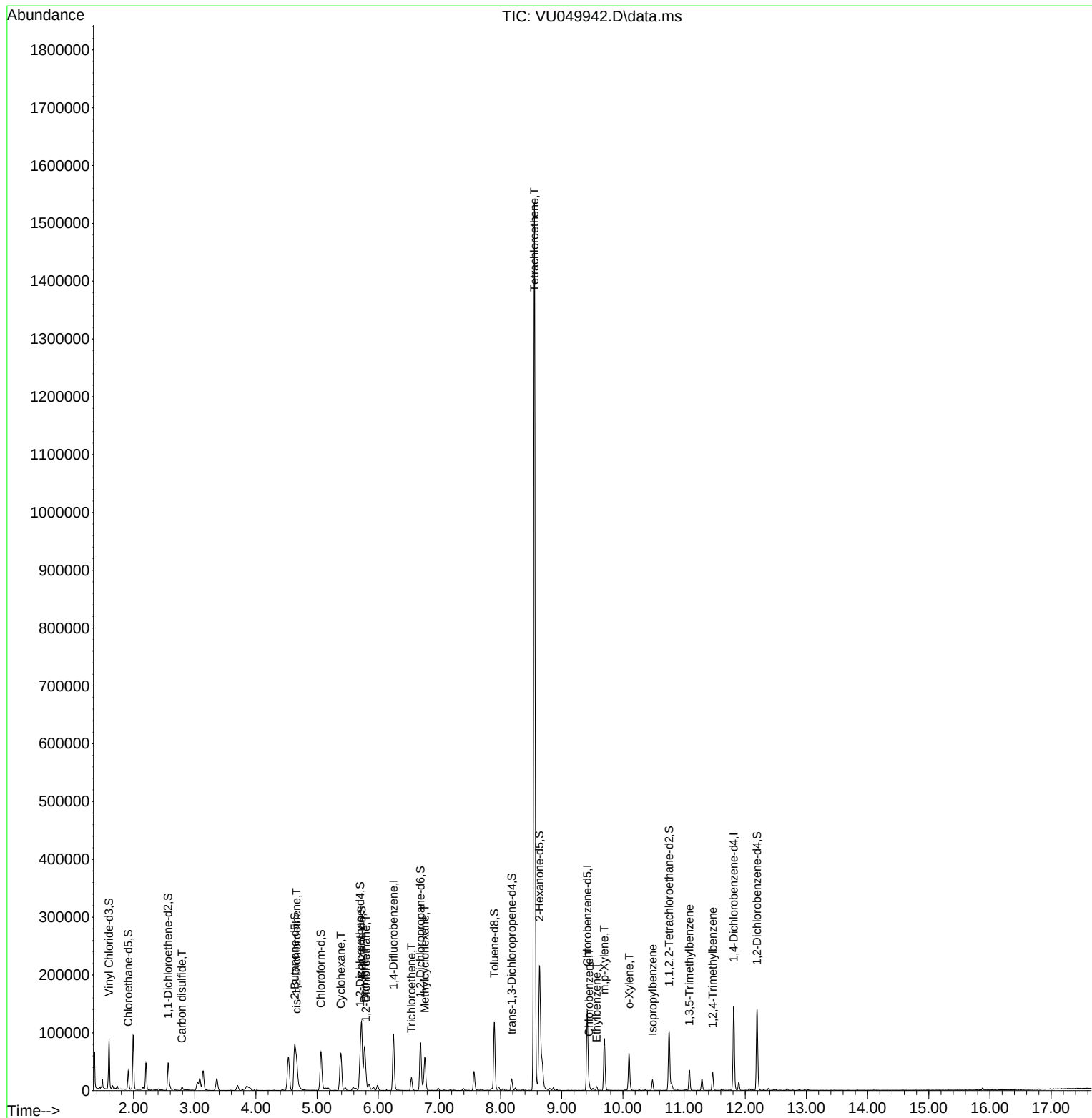
Target Compounds				Qvalue		
14) Carbon disulfide	2.790	76	6951	0.461	ug/L #	92
22) cis-1,2-Dichloroethene	4.665	96	12766	1.956	ug/L	98
27) 1,2-Dichloroethane	5.797	62	19256	2.170	ug/L	96
30) Cyclohexane	5.388	56	29983	3.518	ug/L	98
33) Benzene	5.774	78	64234	2.361	ug/L	100
34) Trichloroethene	6.543	95	7762	1.177	ug/L	93
35) Methylcyclohexane	6.761	83	19476	2.394	ug/L	94
47) Tetrachloroethene	8.552	164	313550	69.048	ug/L	98
51) Chlorobenzene	9.446	112	4116	0.238	ug/L	86
52) Ethylbenzene	9.571	91	4492	0.161	ug/L	89
53) m,p-Xylene	9.697	106	21364	2.076	ug/L	90
54) o-Xylene	10.102	106	16156	1.588	ug/L	94
60) Isopropylbenzene	10.484	105	11600	0.487	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	18431	0.915	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	17024	0.871	ug/L	98

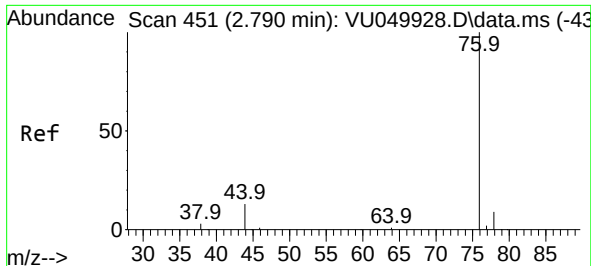
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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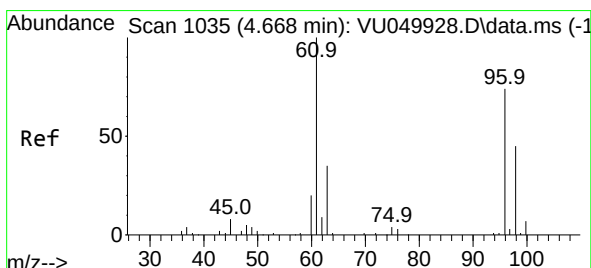
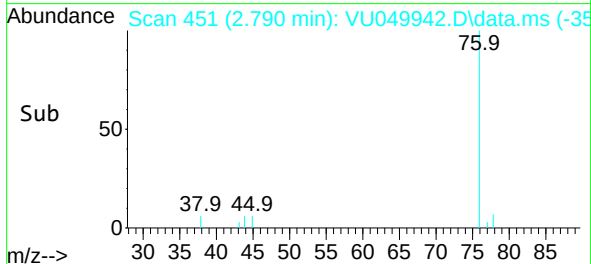
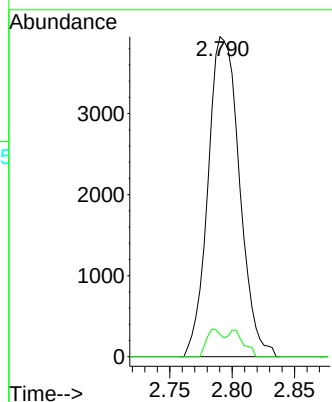
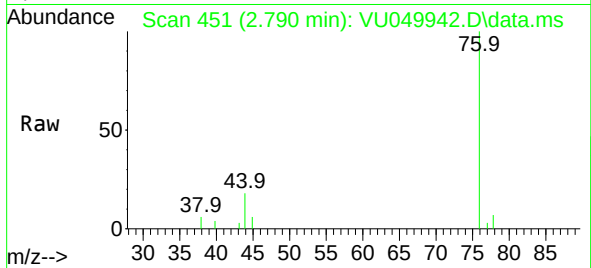




#14
Carbon disulfide
Concen: 0.461 ug/L
RT: 2.790 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

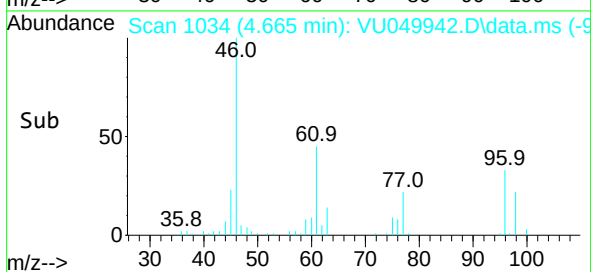
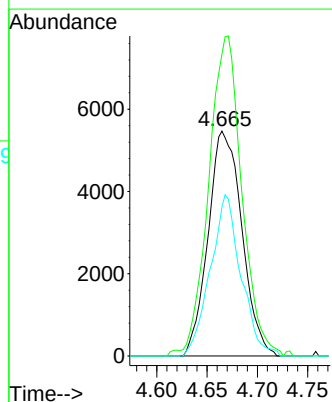
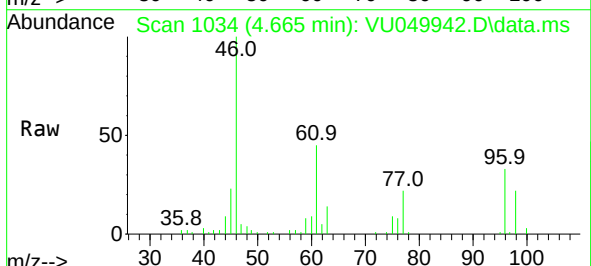
Instrument :
MSVOA_U
ClientSampleId :
DBUH7

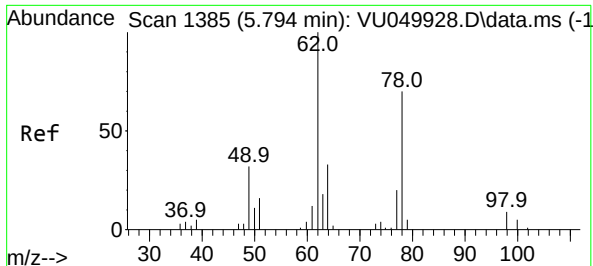
Tgt Ion: 76 Resp: 6951
Ion Ratio Lower Upper
76 100
78 6.9 7.8 11.6#



#22
cis-1,2-Dichloroethene
Concen: 1.956 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Tgt Ion: 96 Resp: 12766
Ion Ratio Lower Upper
96 100
61 134.2 93.9 174.3
98 66.3 43.9 81.5

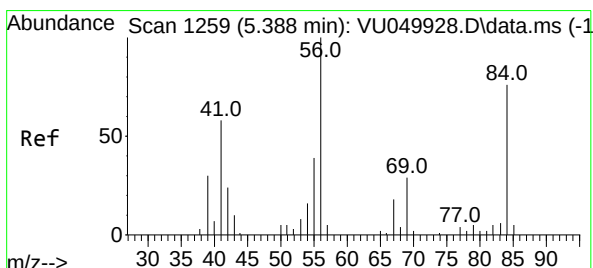
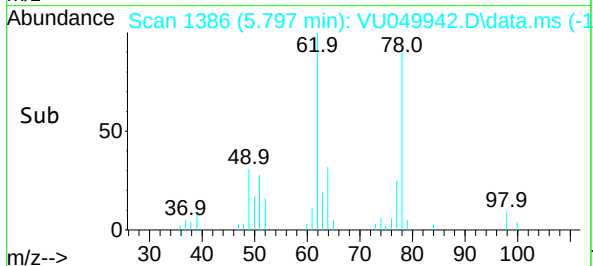
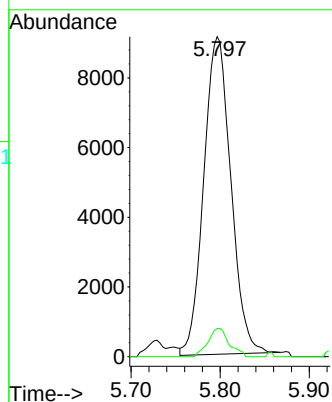
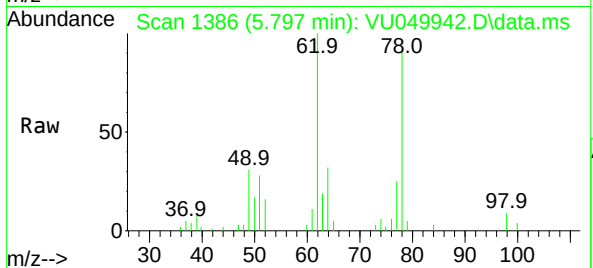




#27
1,2-Dichloroethane
Concen: 2.170 ug/L
RT: 5.797 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

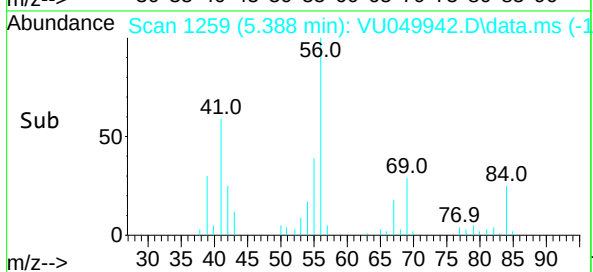
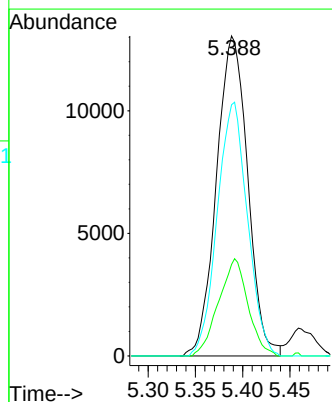
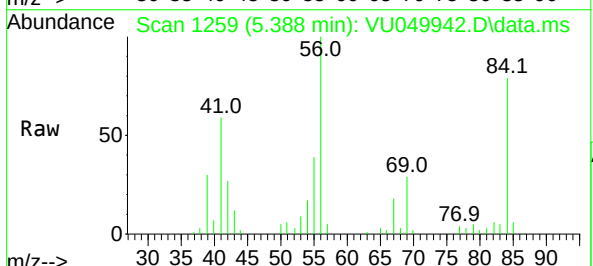
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ClientSampleId :
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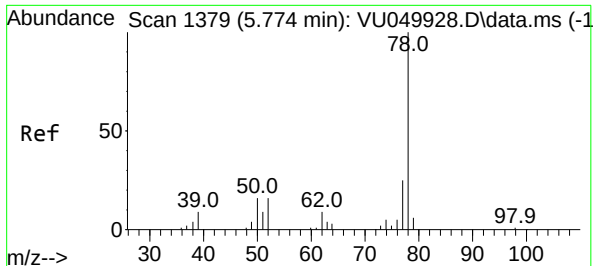
Tgt Ion: 62 Resp: 19256
Ion Ratio Lower Upper
62 100
98 8.8 5.9 8.9



#30
Cyclohexane
Concen: 3.518 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Tgt Ion: 56 Resp: 29983
Ion Ratio Lower Upper
56 100
69 28.6 22.8 34.2
84 76.7 63.0 94.6

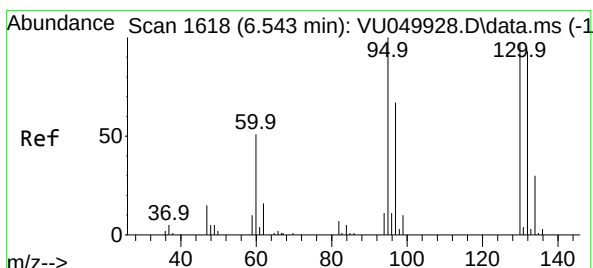
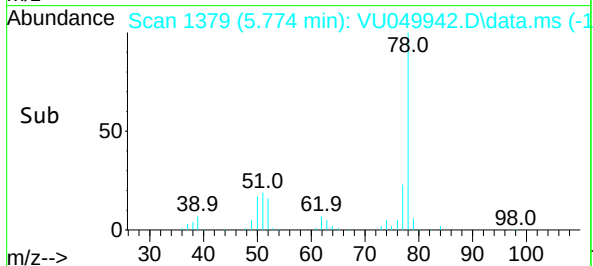
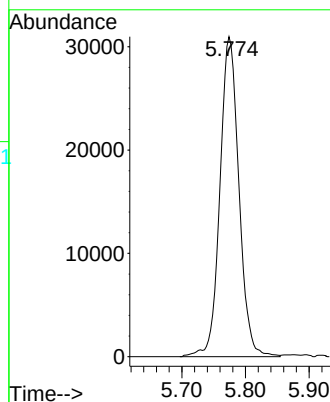
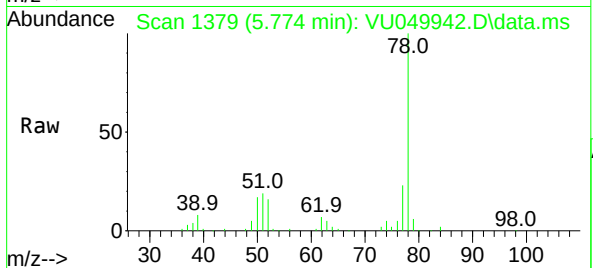




#33
Benzene
Concen: 2.361 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Instrument :
MSVOA_U
ClientSampleId :
DBUH7

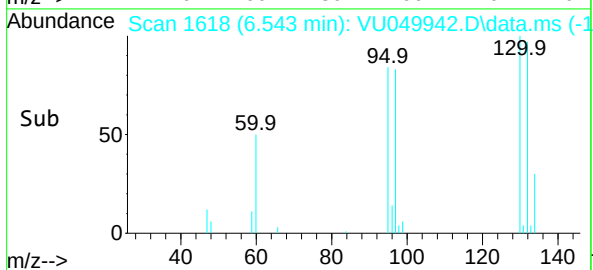
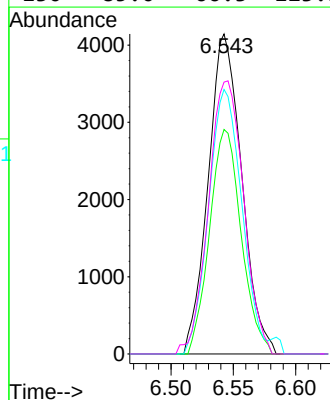
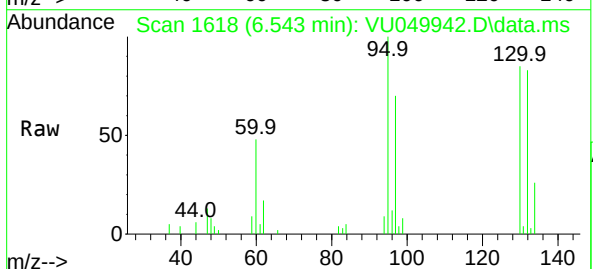
Tgt Ion: 78 Resp: 64234

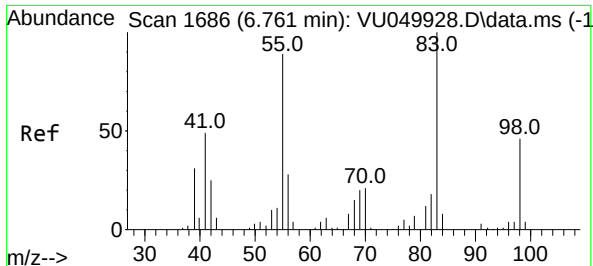


#34
Trichloroethene
Concen: 1.177 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Tgt Ion: 95 Resp: 7762

Ion	Ratio	Lower	Upper
95	100		
97	70.1	46.8	86.8
132	82.7	61.8	114.8
130	85.0	66.3	123.1

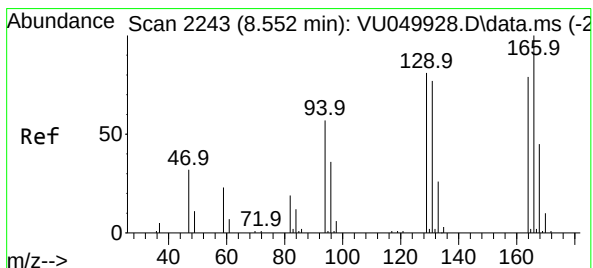
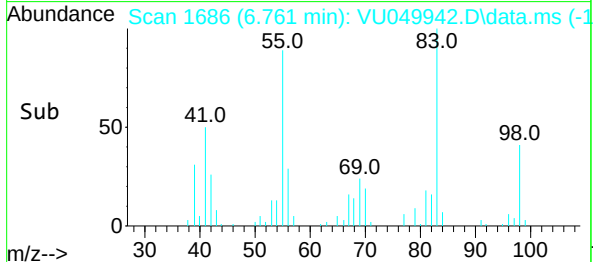
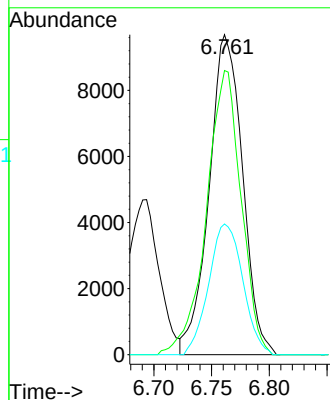
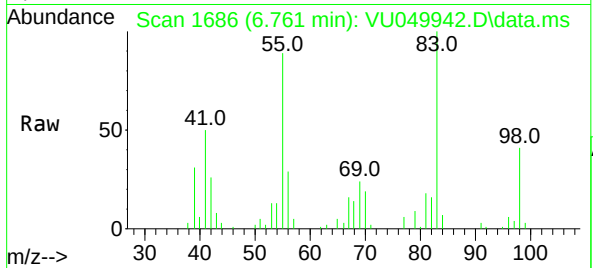




#35
Methylcyclohexane
Concen: 2.394 ug/L
RT: 6.761 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

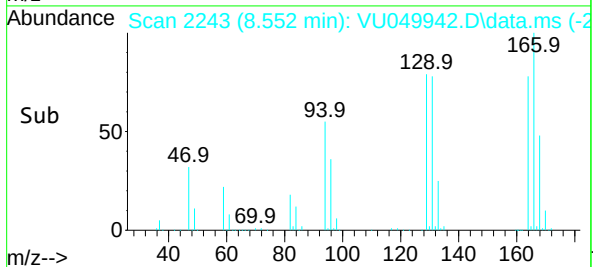
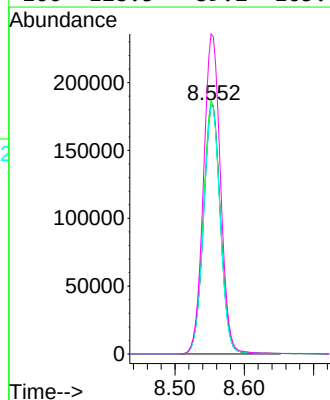
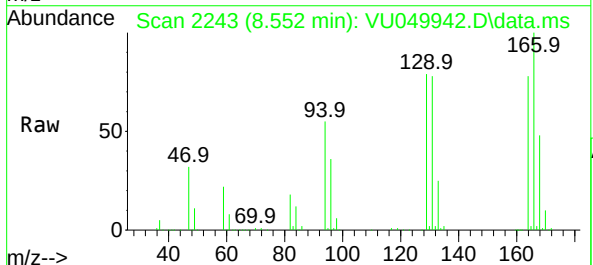
Instrument :
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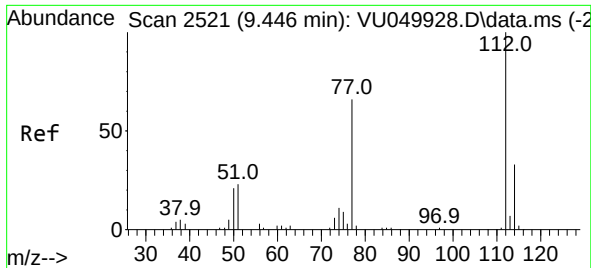
Tgt Ion: 83 Resp: 19476
Ion Ratio Lower Upper
83 100
55 91.9 69.0 103.4
98 41.8 36.4 54.6



#47
Tetrachloroethene
Concen: 69.048 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Tgt Ion: 164 Resp: 313550
Ion Ratio Lower Upper
164 100
129 101.6 68.9 127.9
131 99.9 67.5 125.4
166 128.5 89.2 165.8

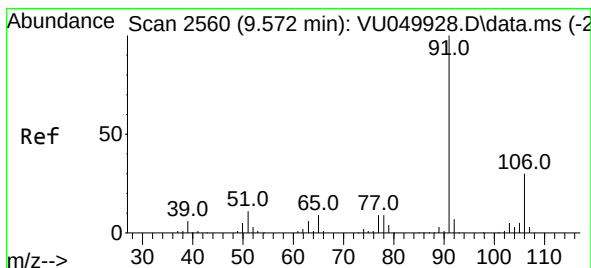
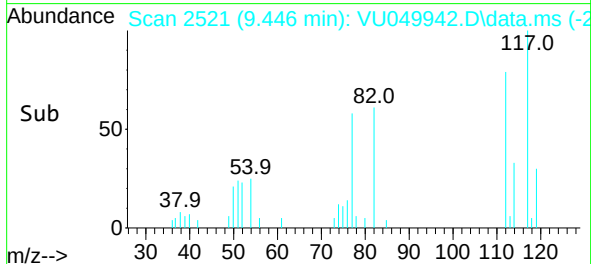
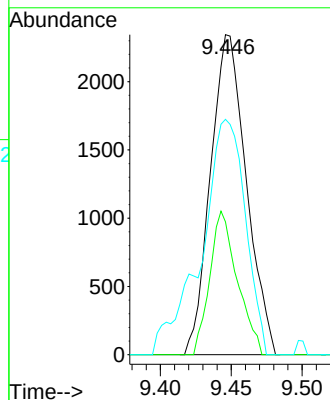
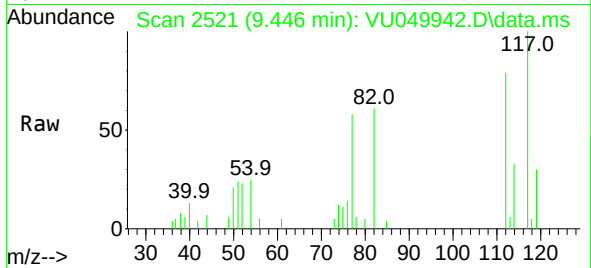




#51
Chlorobenzene
Concen: 0.238 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

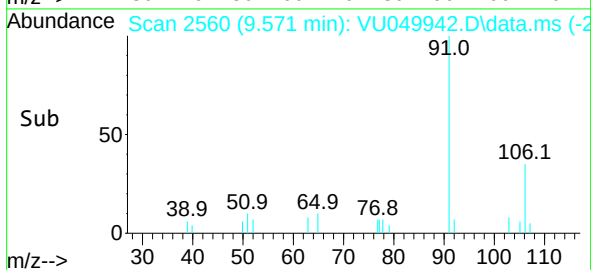
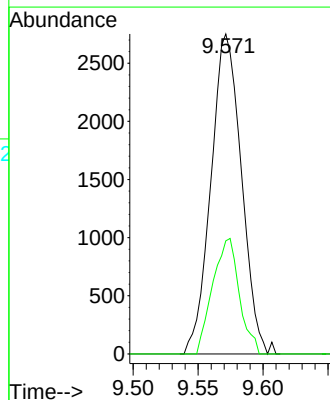
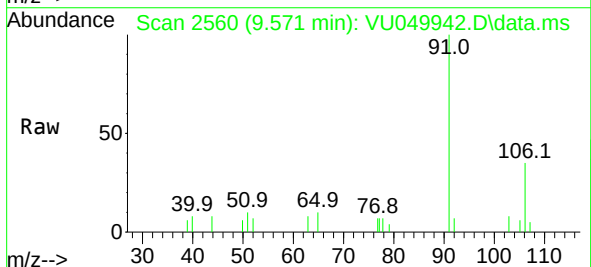
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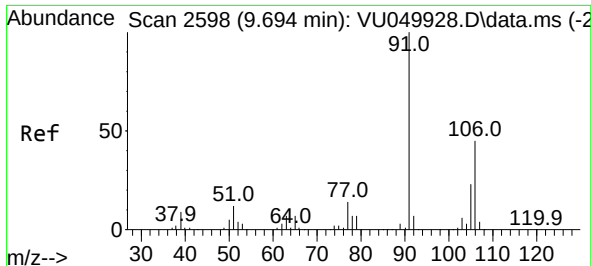
Tgt Ion:112 Resp: 4116
Ion Ratio Lower Upper
112 100
114 41.5 22.4 41.6
77 73.5 51.2 76.8



#52
Ethylbenzene
Concen: 0.161 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Tgt Ion: 91 Resp: 4492
Ion Ratio Lower Upper
91 100
106 35.3 20.6 38.4

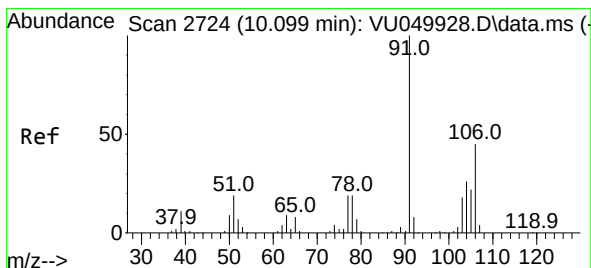
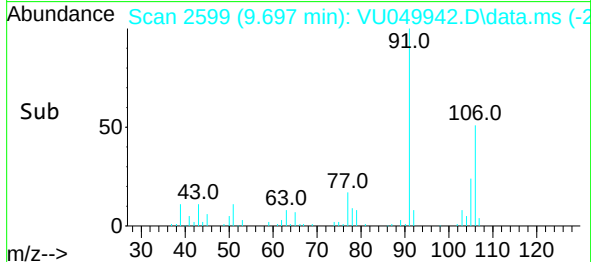
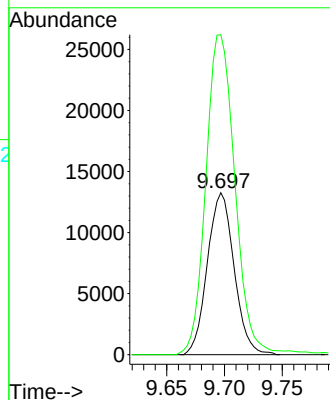
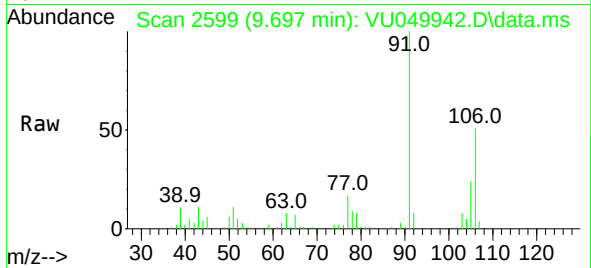




#53
m,p-Xylene
Concen: 2.076 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

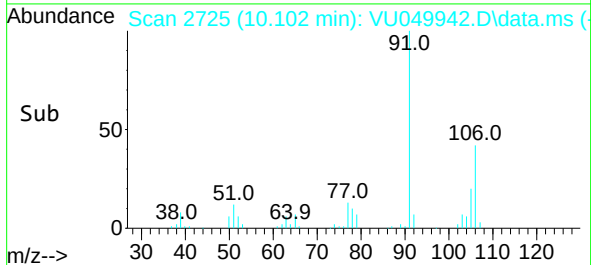
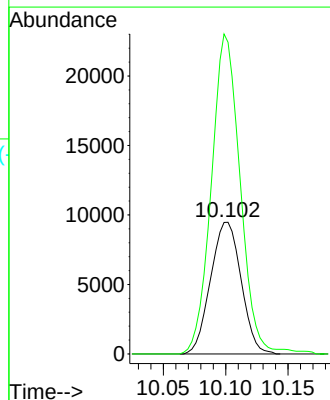
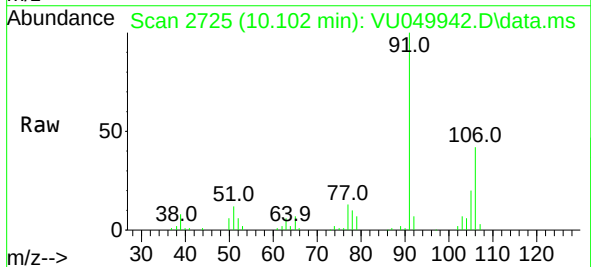
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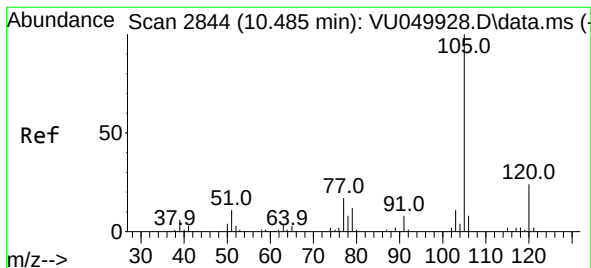
Tgt Ion:106 Resp: 21364
Ion Ratio Lower Upper
106 100
91 197.6 149.7 277.9



#54
o-Xylene
Concen: 1.588 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Tgt Ion:106 Resp: 16156
Ion Ratio Lower Upper
106 100
91 236.8 159.4 296.0





#60

Isopropylbenzene

Concen: 0.487 ug/L

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049942.D

Acq: 27 Jul 2022 04:12

Instrument :

MSVOA_U

ClientSampleId :

DBUH7

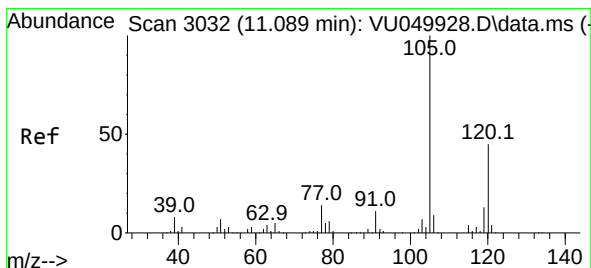
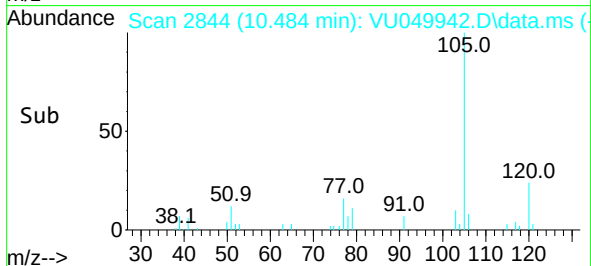
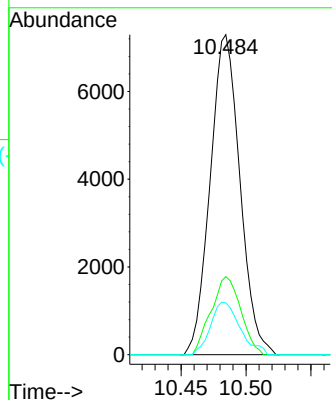
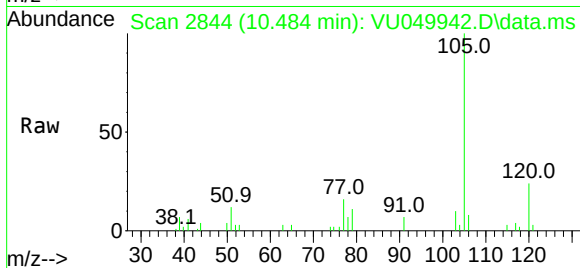
Tgt Ion:105 Resp: 11600

Ion Ratio Lower Upper

105 100

120 24.3 20.4 30.6

77 16.3 13.8 20.8



#62

1,3,5-Trimethylbenzene

Concen: 0.915 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU049942.D

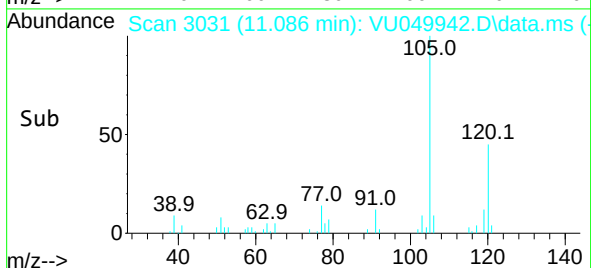
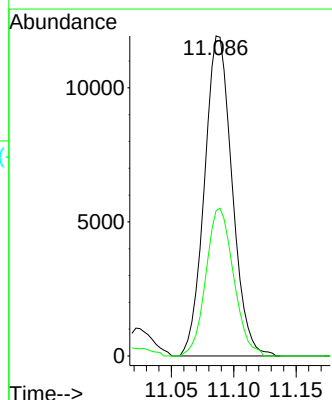
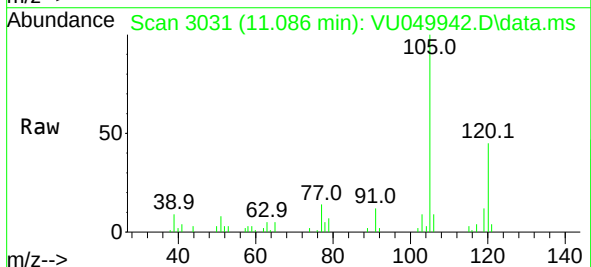
Acq: 27 Jul 2022 04:12

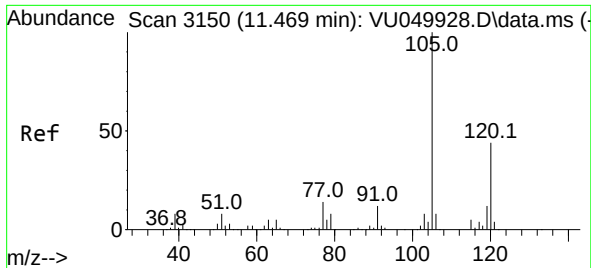
Tgt Ion:105 Resp: 18431

Ion Ratio Lower Upper

105 100

120 46.1 38.0 57.0





#63
 1,2,4-Trimethylbenzene
 Concen: 0.871 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049942.D
 Acq: 27 Jul 2022 04:12

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH7

Tgt Ion:105 Resp: 17024
 Ion Ratio Lower Upper
 105 100
 120 41.6 34.2 51.4

