

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072622\
 Data File : U049942.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	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	198	0.041	ug/L #	21
14) Carbon disulfide	2.790	76	6951	0.461	ug/L #	92
15) Methyl Acetate	3.047	43	6333	1.966	ug/L #	55
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
45) 1,1,2-Trichloroethane	8.372	97	1024	0.185	ug/L #	14
47) Tetrachloroethene	8.552	164	313550	69.048	ug/L	98
48) 2-Hexanone	8.687	43	22527	5.580	ug/L #	91
49) Dibromochloromethane	8.552	129	315305	50.973	ug/L #	14
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
55) Styrene	10.115	104	3743	0.217	ug/L #	55
60) Isopropylbenzene	10.484	105	11600	0.487	ug/L	98

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QLast Update : Wed Jul 27 05:17:43 2022
Response via : Initial Calibration

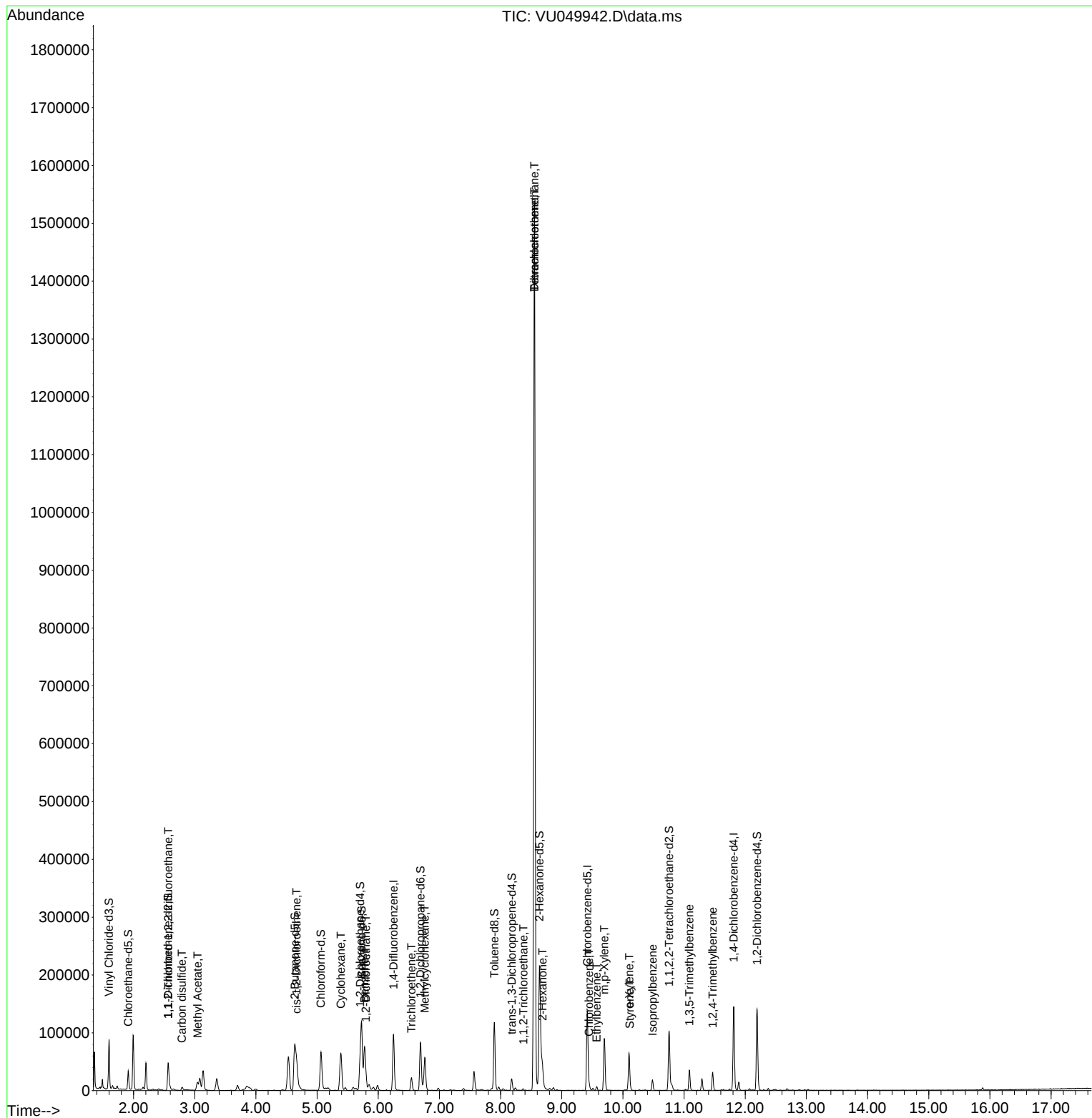
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.086	105	18431	0.915	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	17024	0.871	ug/L	98

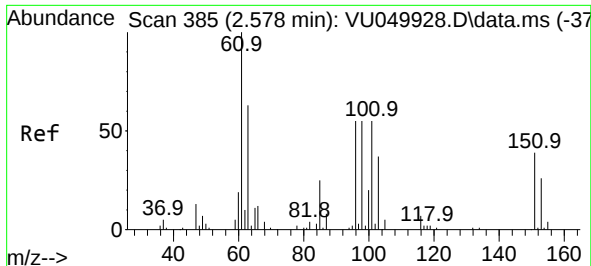
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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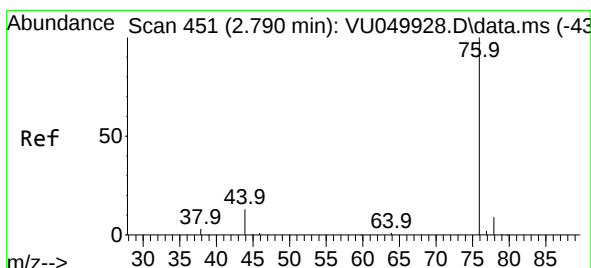
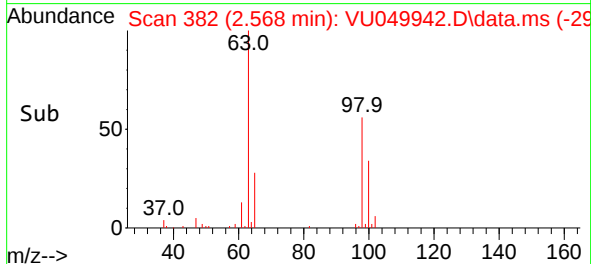
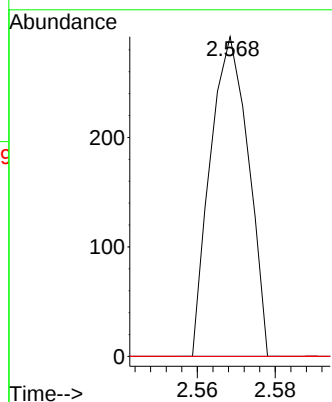
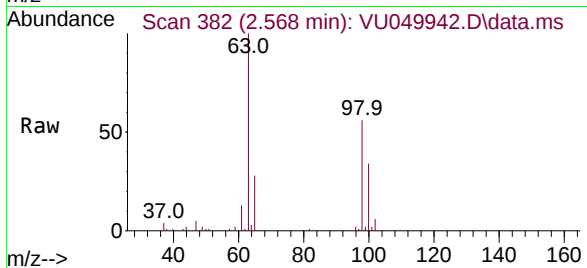




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.041 ug/L
RT: 2.568 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

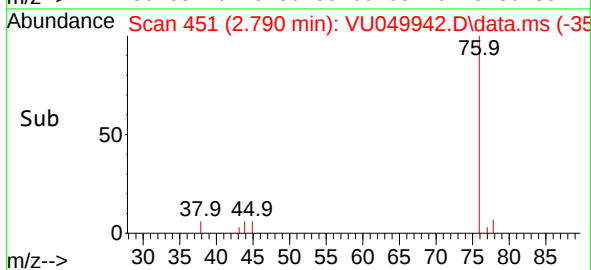
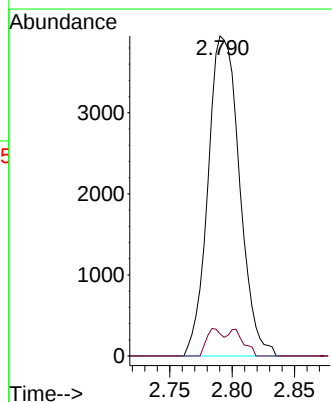
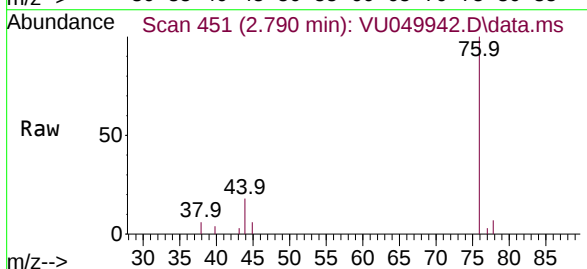
Instrument :
MSVOA_U
ClientSampleId :
DBUH7

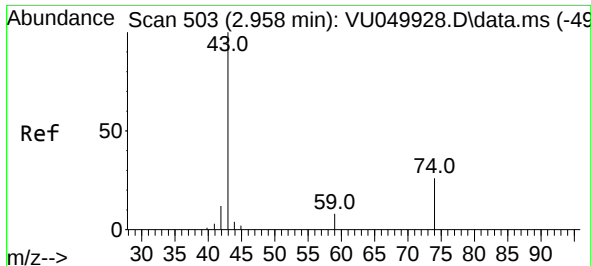
Tgt Ion:101 Resp: 198
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 56.0 84.0#



#14
Carbon disulfide
Concen: 0.461 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

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

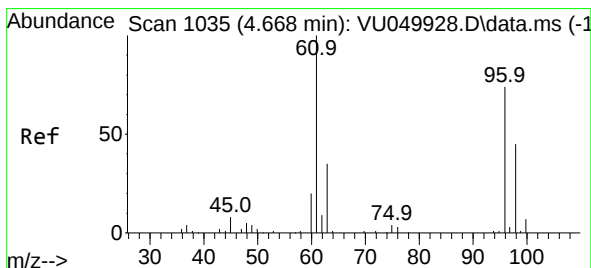
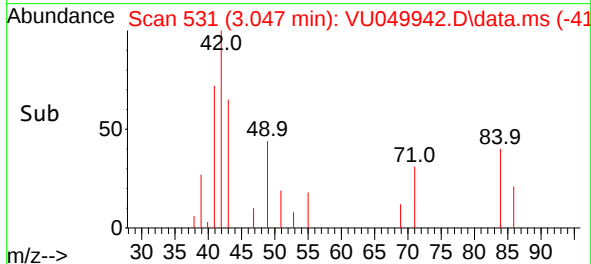
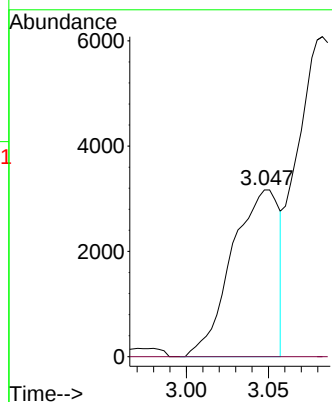
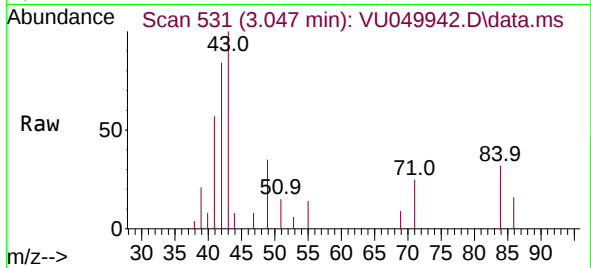




#15
Methyl Acetate
Concen: 1.966 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.090 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

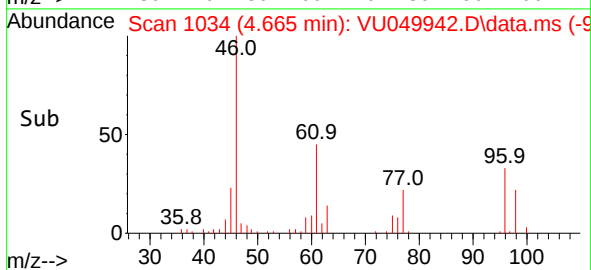
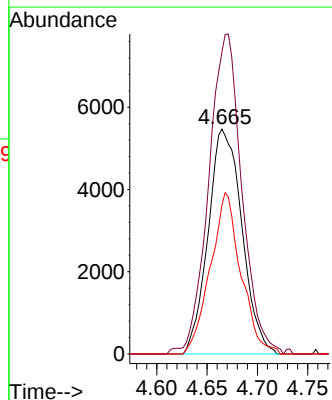
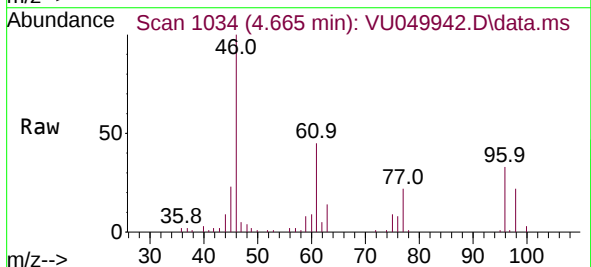
Instrument :
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ClientSampleId :
DBUH7

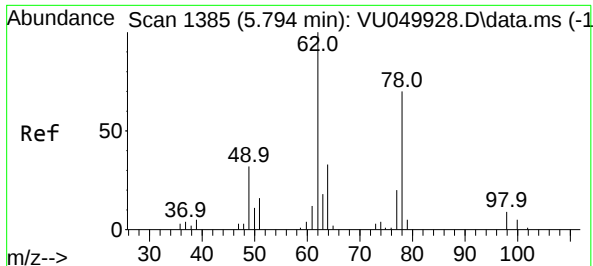
Tgt Ion: 43 Resp: 6333
Ion Ratio Lower Upper
43 100
74 0.0 17.1 25.7#



#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

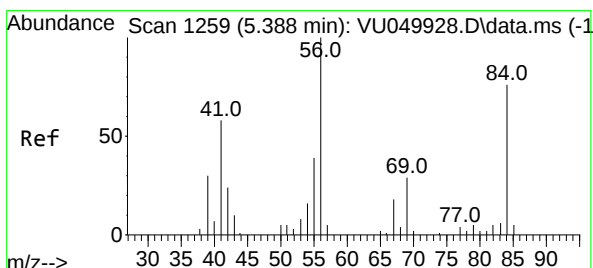
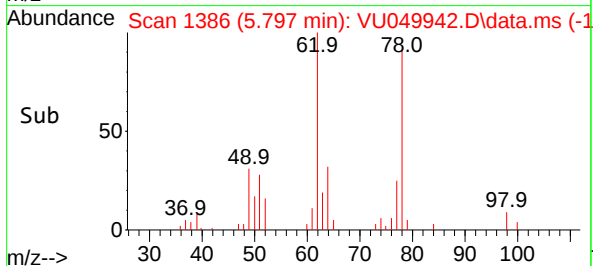
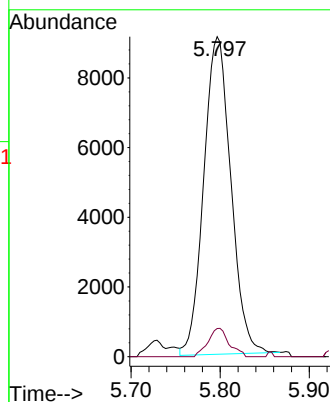
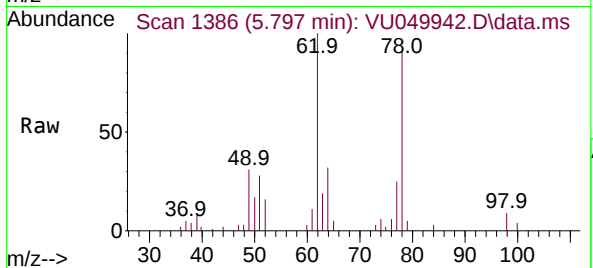




#27
1,2-Dichloroethane
Concen: 2.170 ug/L
RT: 5.797 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

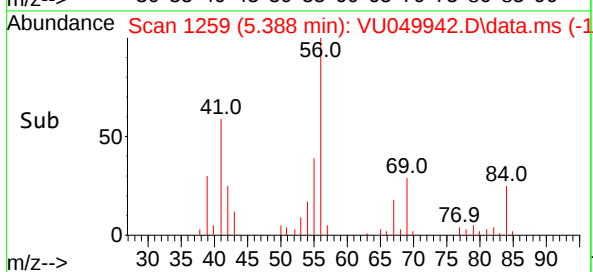
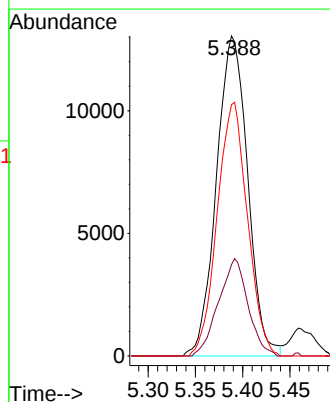
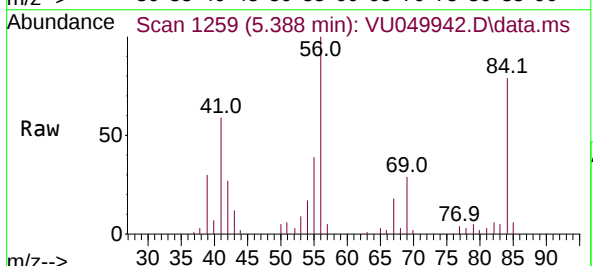
Instrument :
MSVOA_U
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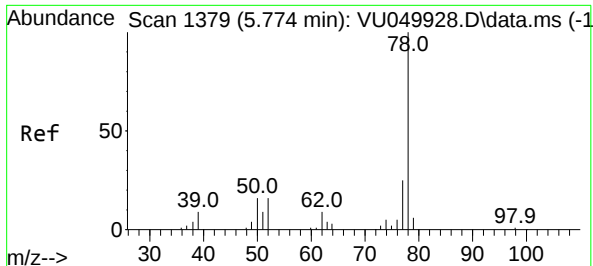
Tgt Ion: 62 Resp: 19256
Ion Ratio Lower Upper
62 100
98 8.8 5.9 8.9



#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

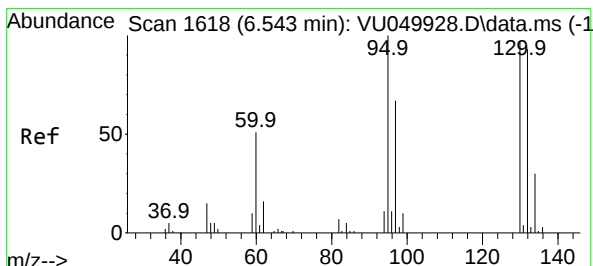
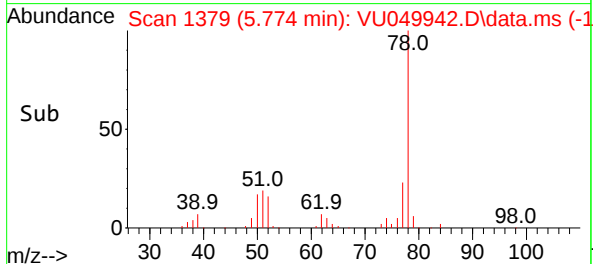
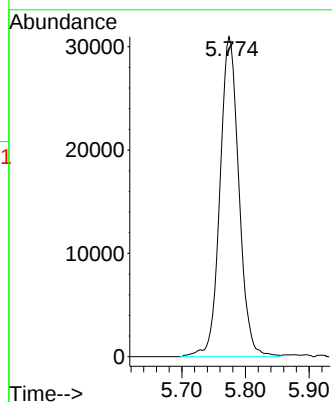
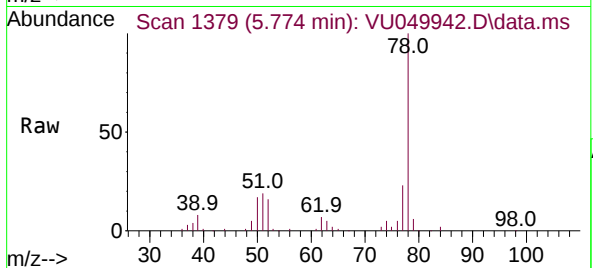




#33
Benzene
Concen: 2.361 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

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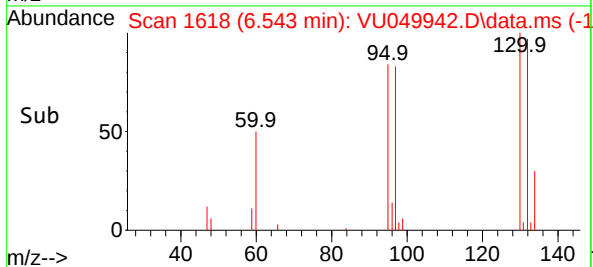
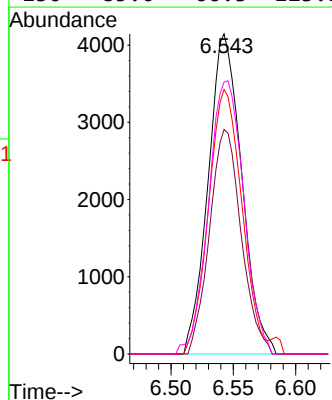
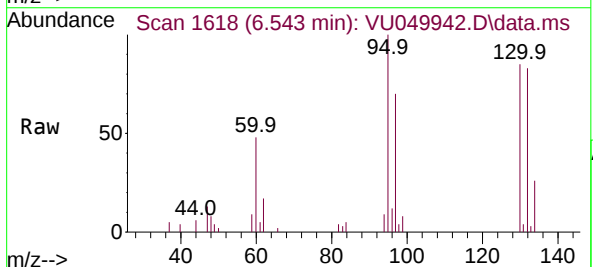
Tgt Ion: 78 Resp: 64234

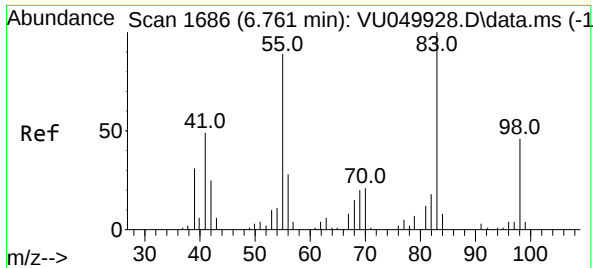


#34
Trichloroethene
Concen: 1.177 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

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

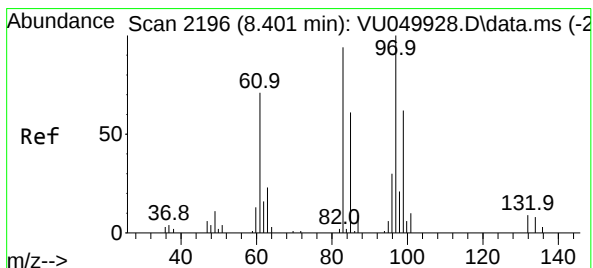
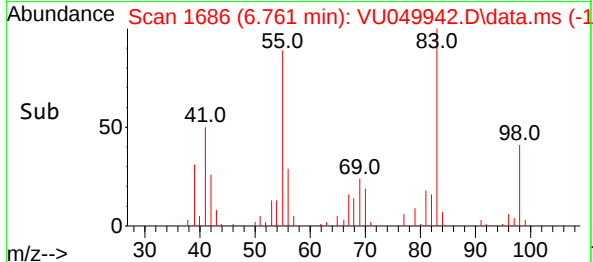
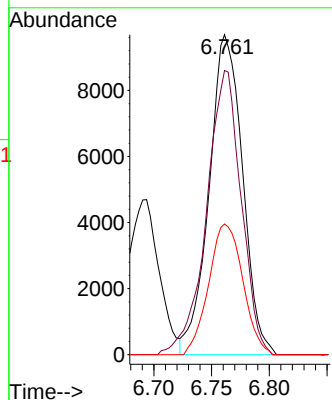
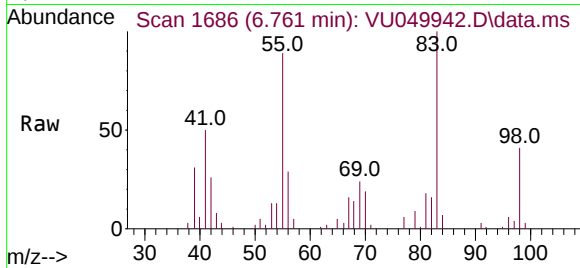




#35
Methylcyclohexane
Concen: 2.394 ug/L
RT: 6.761 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

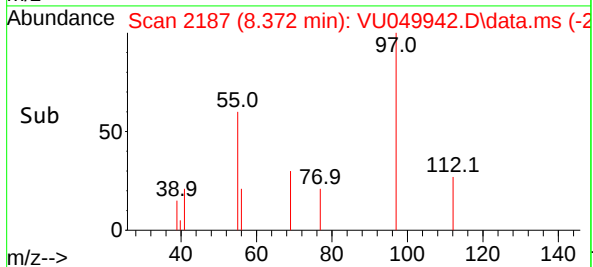
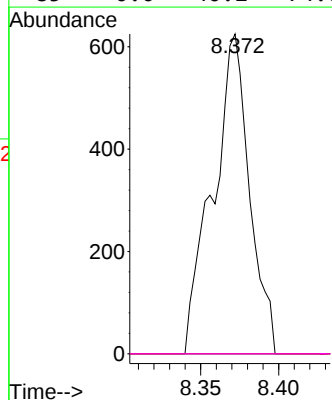
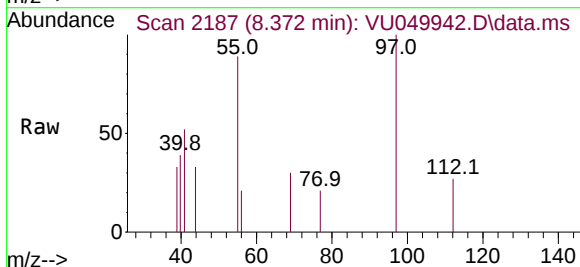
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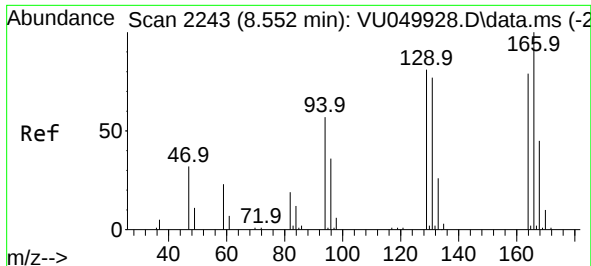
Tgt Ion:	83	Resp:	19476
Ion	Ratio	Lower	Upper
83	100		
55	91.9	69.0	103.4
98	41.8	36.4	54.6



#45
1,1,2-Trichloroethane
Concen: 0.185 ug/L
RT: 8.372 min Scan# 2187
Delta R.T. -0.029 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Tgt Ion:	97	Resp:	1024
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.3#
83	0.0	62.4	115.8#
85	0.0	40.2	74.6#

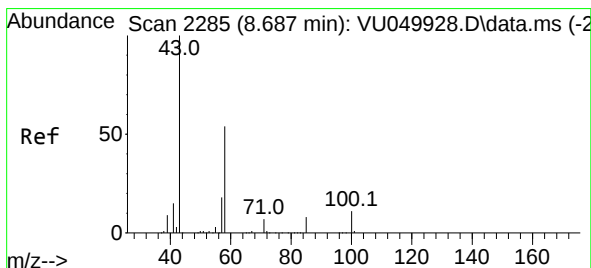
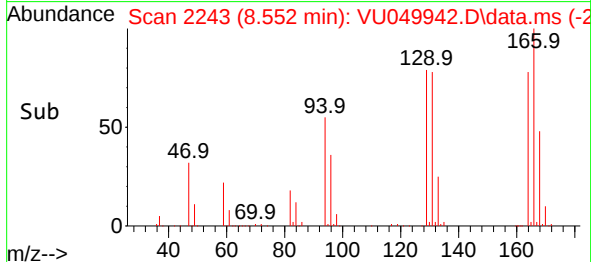
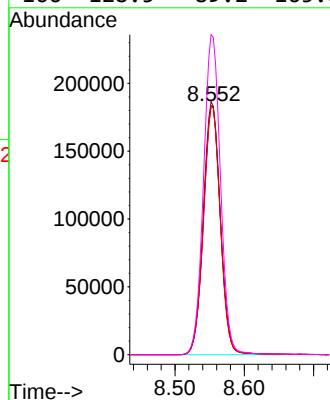
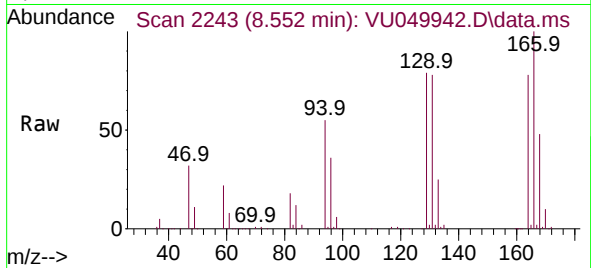




#47
Tetrachloroethene
Concen: 69.048 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

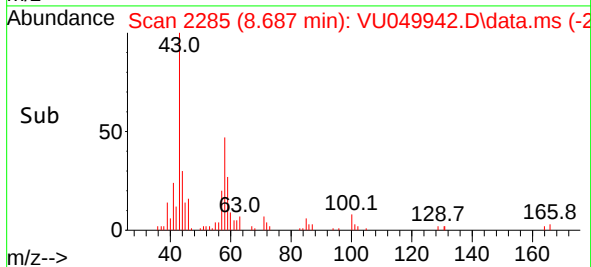
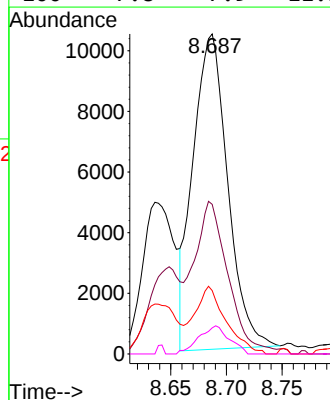
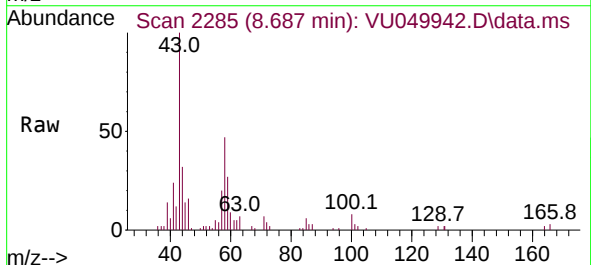
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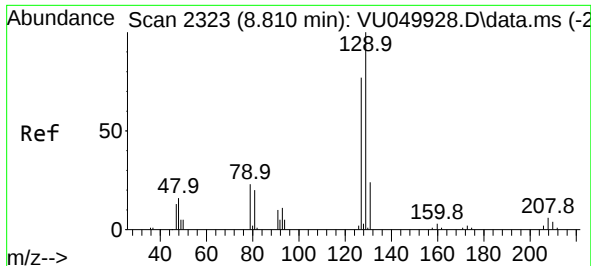
Tgt Ion:164 Resp: 313550
Ion Ratio Lower Upper
164 100
129 101.6 68.9 127.9
131 99.9 67.5 125.4
166 128.5 89.2 165.8



#48
2-Hexanone
Concen: 5.580 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Tgt Ion: 43 Resp: 22527
Ion Ratio Lower Upper
43 100
58 44.6 42.1 63.1
57 19.4 14.3 21.5
100 7.8 7.9 11.9#





#49

Dibromochloromethane

Concen: 50.973 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049942.D

Acq: 27 Jul 2022 04:12

Instrument :

MSVOA_U

ClientSampleId :

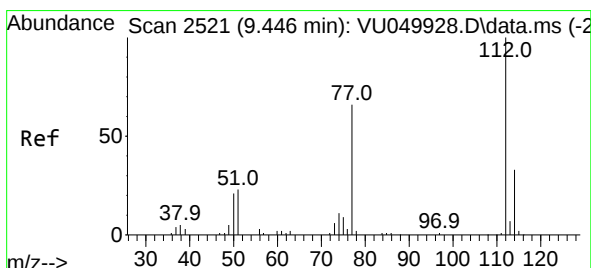
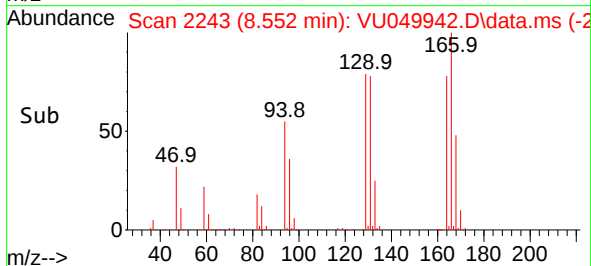
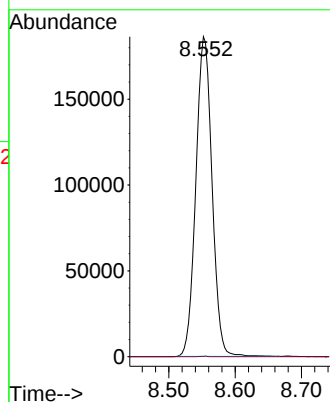
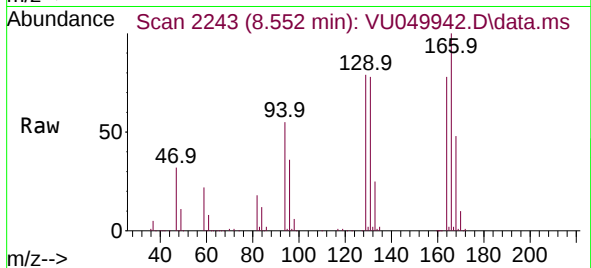
DBUH7

Tgt Ion:129 Resp: 315305

Ion Ratio Lower Upper

129 100

127 0.1 50.5 93.7#



#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

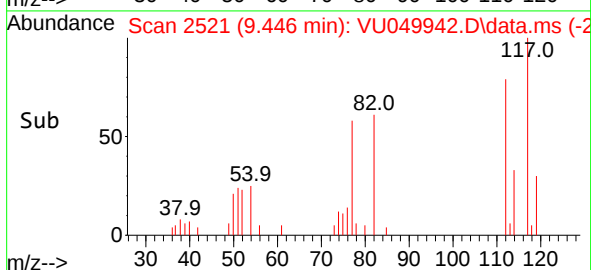
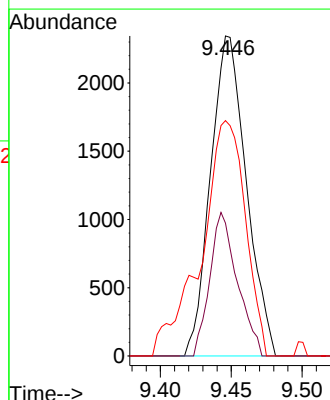
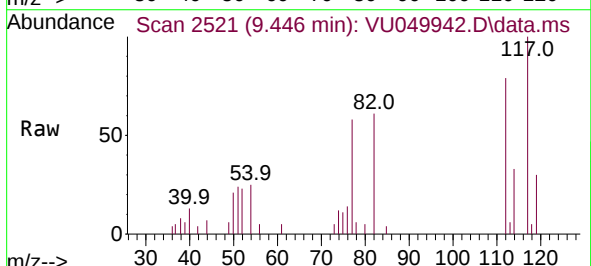
Tgt Ion:112 Resp: 4116

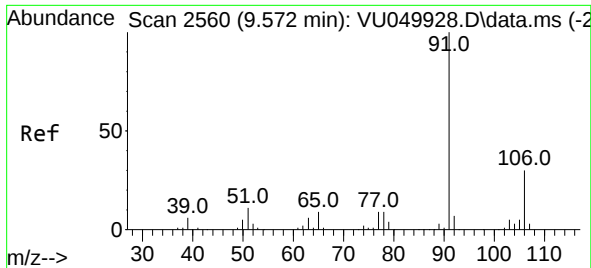
Ion Ratio Lower Upper

112 100

114 41.5 22.4 41.6

77 73.5 51.2 76.8

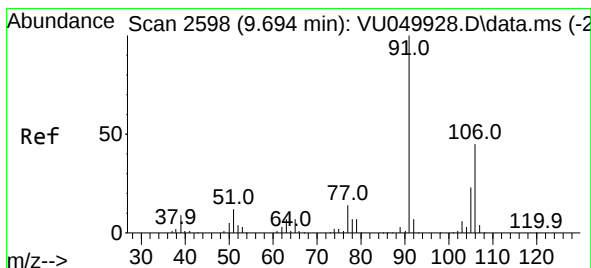
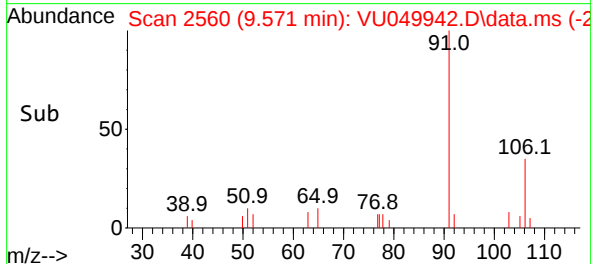
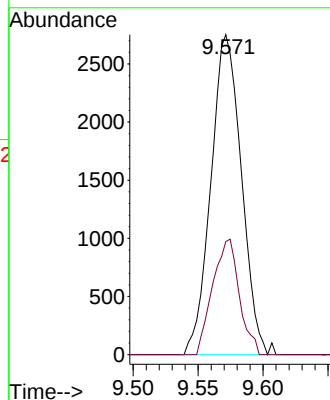
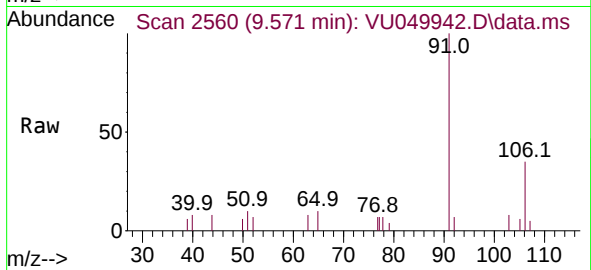




#52
Ethylbenzene
Concen: 0.161 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

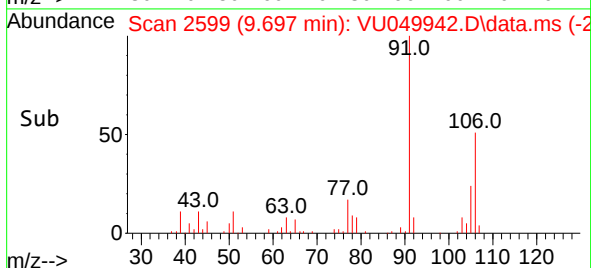
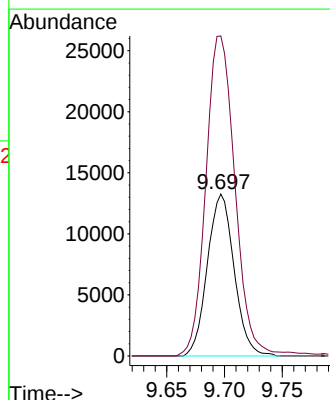
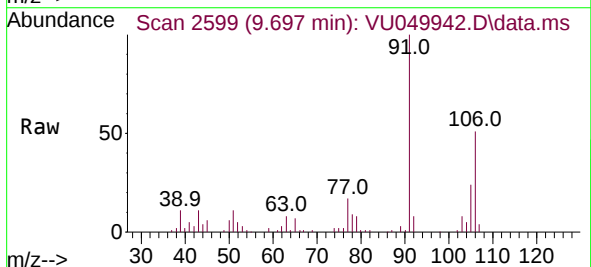
Instrument :
MSVOA_U
ClientSampleId :
DBUH7

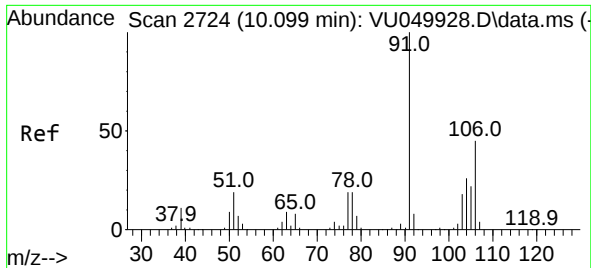
Tgt Ion: 91 Resp: 4492
Ion Ratio Lower Upper
91 100
106 35.3 20.6 38.4



#53
m,p-Xylene
Concen: 2.076 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

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

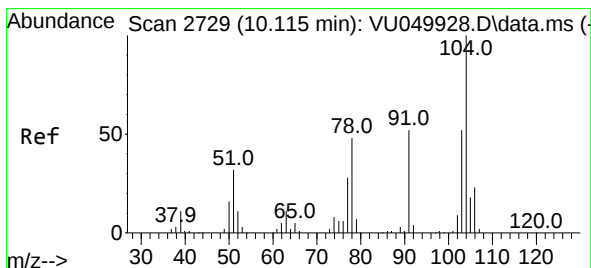
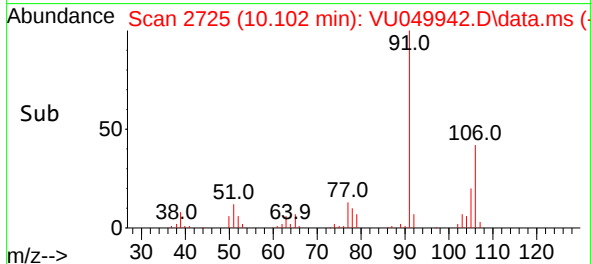
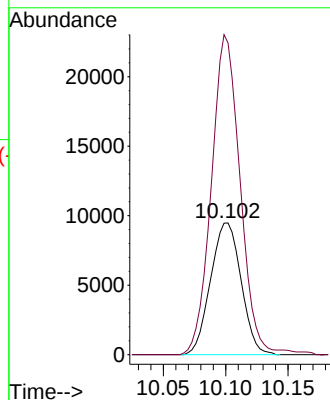
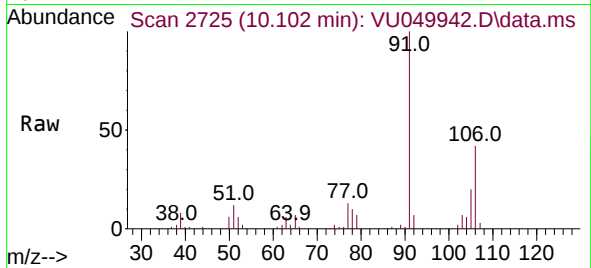




#54
o-Xylene
Concen: 1.588 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

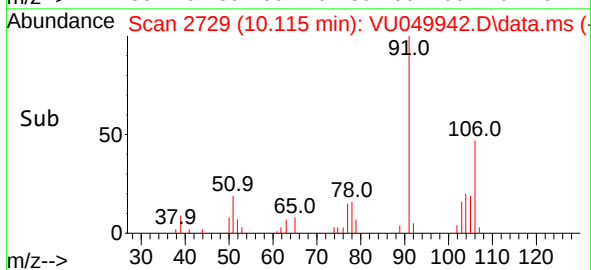
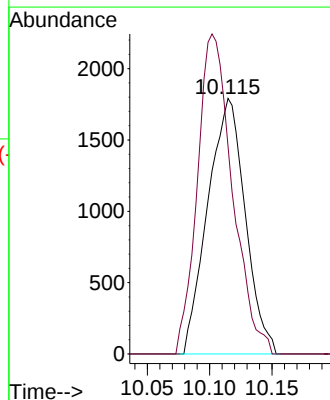
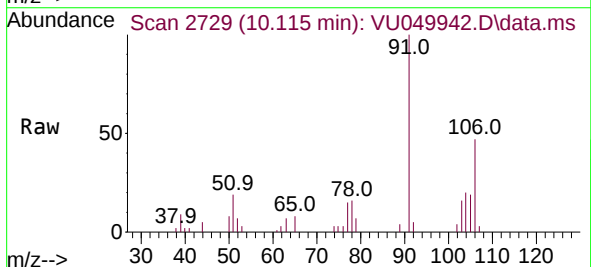
Instrument :
MSVOA_U
ClientSampleId :
DBUH7

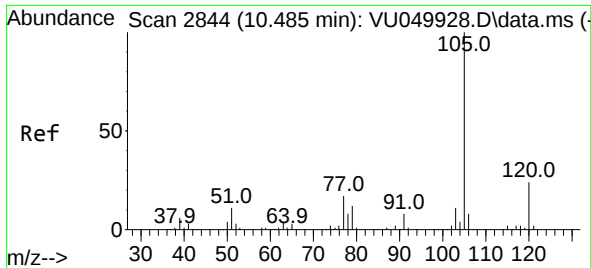
Tgt Ion:106 Resp: 16156
Ion Ratio Lower Upper
106 100
91 236.8 159.4 296.0



#55
Styrene
Concen: 0.217 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

Tgt Ion:104 Resp: 3743
Ion Ratio Lower Upper
104 100
78 81.2 35.1 65.3#

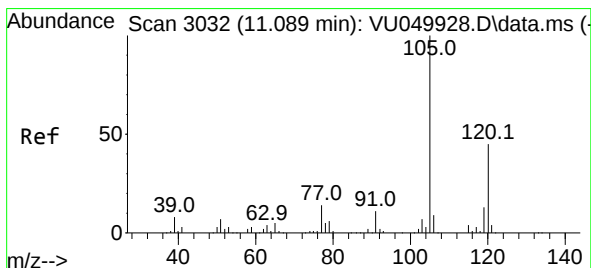
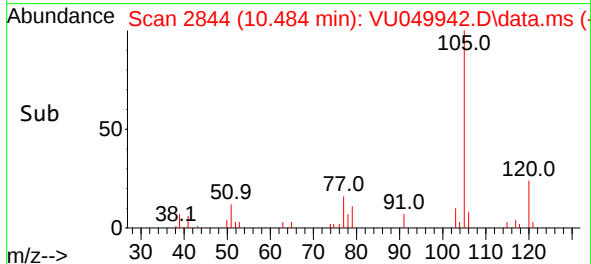
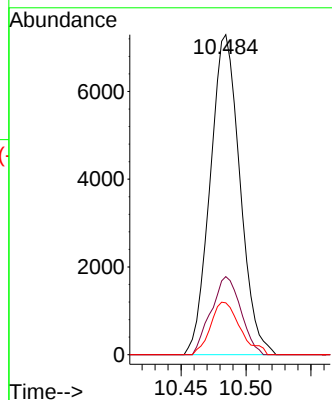
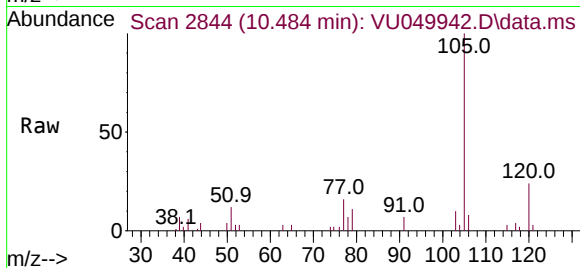




#60
Isopropylbenzene
Concen: 0.487 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049942.D
Acq: 27 Jul 2022 04:12

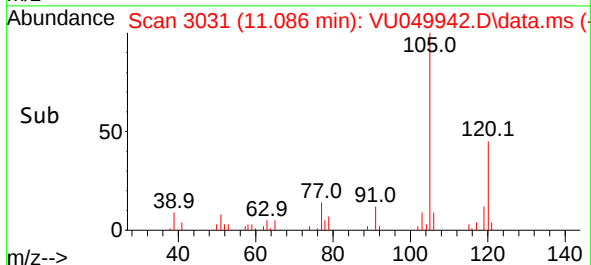
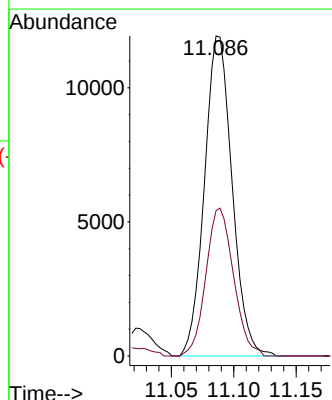
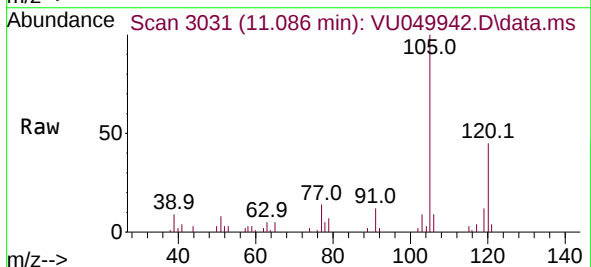
Instrument :
MSVOA_U
ClientSampleId :
DBUH7

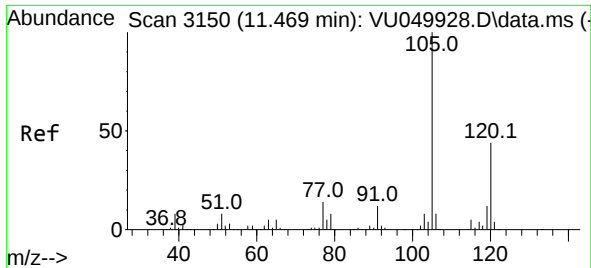
Tgt Ion:105 Resp: 11600
Ion Ratio Lower Upper
105 100
120 24.3 20.4 30.6
77 16.3 13.8 20.8



#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

