

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044264.D
 Acq On : 30 Jun 2021 16:47
 Operator : SY/MD
 Sample : M2905-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK54

Quant Time: Jul 01 02:39:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	158066	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	150603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	86294	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33428	3.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.916	69	38324	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.575	65	18392	4.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.649	46	154630	49.066	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.140%
24) Chloroform-d	5.073	84	86292	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.713	65	51646	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.735	84	173689	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.700	67	57352	4.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.906	98	162948	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.189	79	24545	4.365	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.645	63	129989	48.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	49706	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.201	152	70065	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.938	64	84889	11.169	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	177707	18.978	ug/L	96
16) Methylene chloride	3.054	84	5292	0.430	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	425515	15.721	ug/L	100
31) Carbon tetrachloride	5.533	117	48015	3.321	ug/L	100
33) Benzene	5.784	78	165153	4.180	ug/L	100
34) Trichloroethene	6.549	95	169754	15.865	ug/L	94
37) 1,2-Dichloropropane	6.800	63	42024	4.028	ug/L	99
42) Toluene	7.976	91	363663	8.358	ug/L	99
47) Tetrachloroethene	8.562	164	92598	11.706	ug/L	94
51) Chlorobenzene	9.455	112	150242	5.391	ug/L	99
52) Ethylbenzene	9.578	91	317071	6.313	ug/L	100
53) m,p-Xylene	9.703	106	125513	6.599	ug/L	97
54) o-Xylene	10.108	106	78708	4.257	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	50861	2.147	ug/L	95
67) 1,2-Dichlorobenzene	12.221	146	165267	7.419	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	75111	5.689	ug/L	99

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ALS Vial : 11 Sample Multiplier: 1

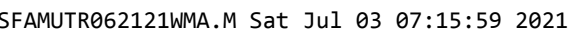
Instrument :
MSVOA_U
ClientSampleId :
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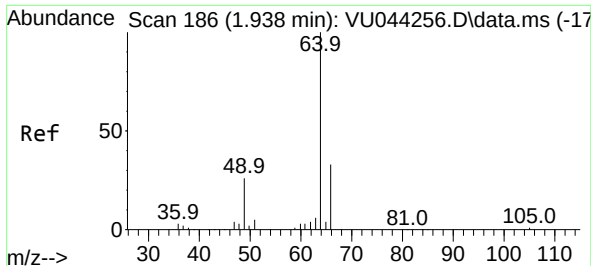
Quant Time: Jul 01 02:39:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 01 02:36:13 2021
Response via : Initial Calibration

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

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

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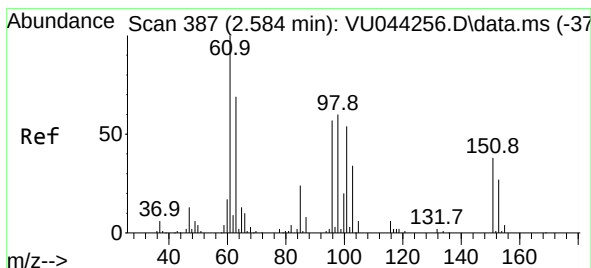
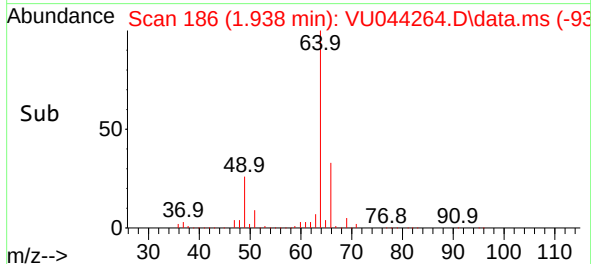
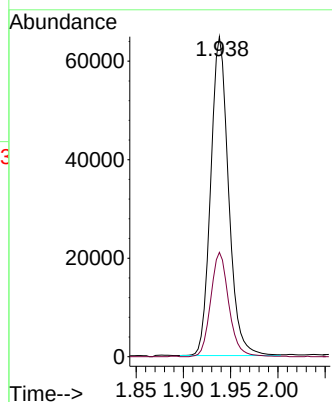
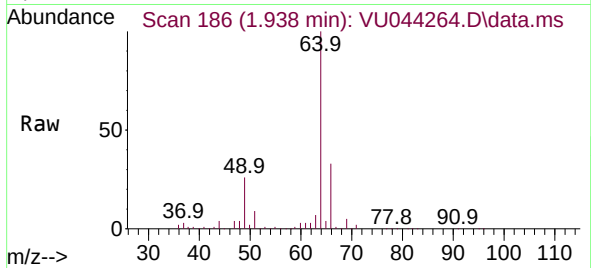




#8
Chloroethane
Concen: 11.169 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

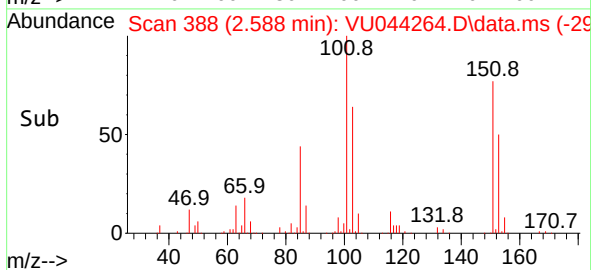
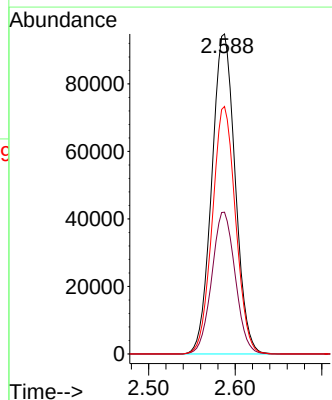
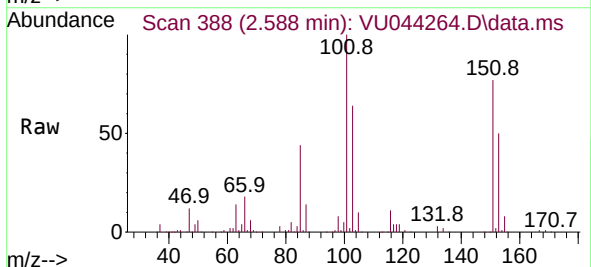
Instrument :
MSVOA_U
ClientSampleId :
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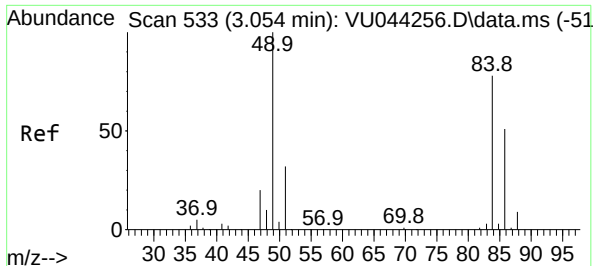
Tgt Ion: 64 Resp: 84889
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.978 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

Tgt Ion:101 Resp: 177707
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.4
151 77.1 58.1 87.1

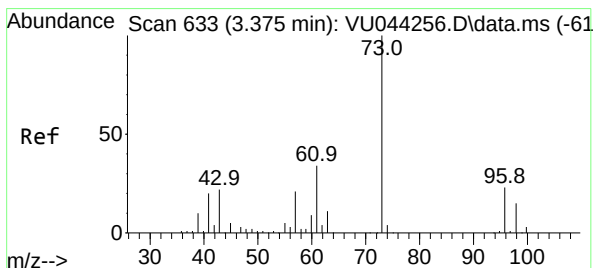
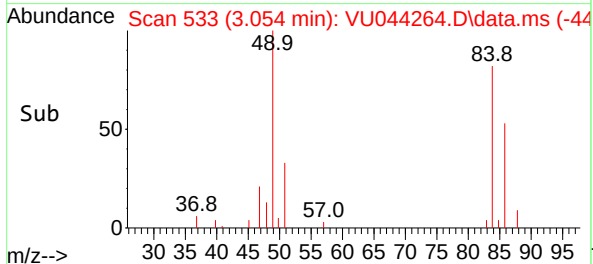
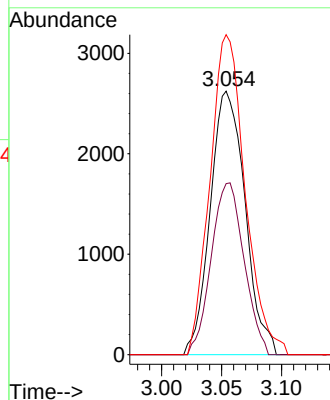
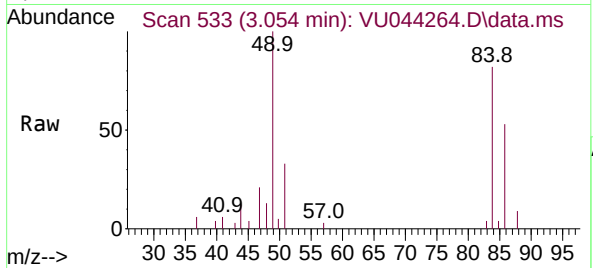




#16
Methylene chloride
Concen: 0.430 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

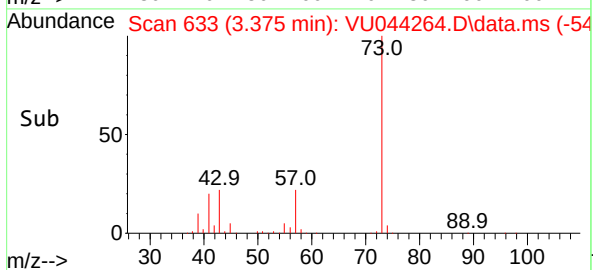
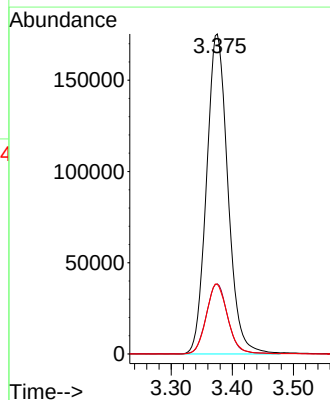
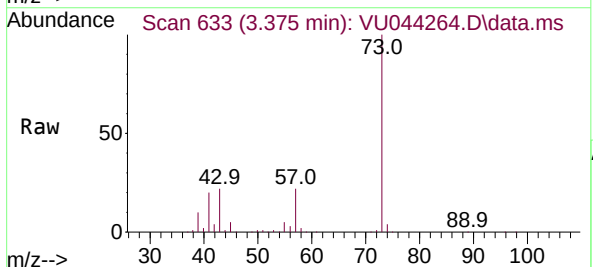
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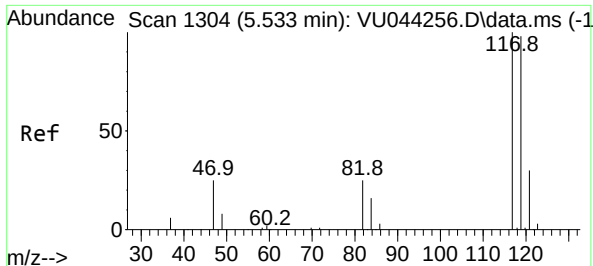
Tgt Ion:	84	Resp:	5292
Ion	Ratio	Lower	Upper
84	100		
86	64.9	46.1	85.5
49	127.6	88.4	164.2



#17
Methyl tert-butyl Ether
Concen: 15.721 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

Tgt Ion:	73	Resp:	425515
Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.6	26.4
57	22.0	17.8	26.8

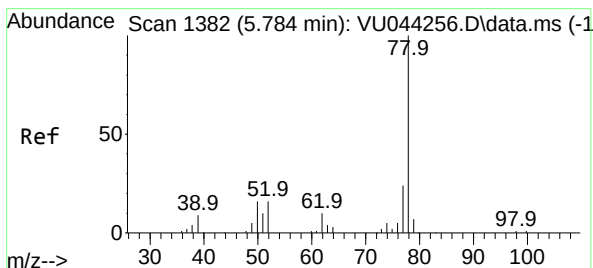
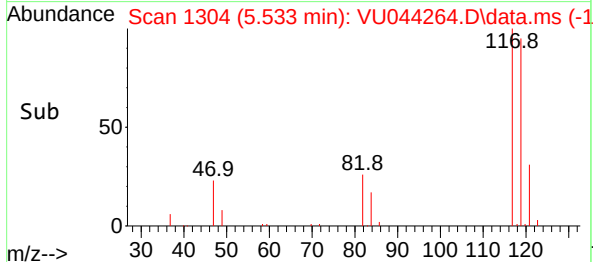
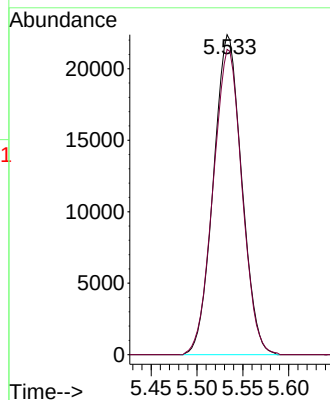
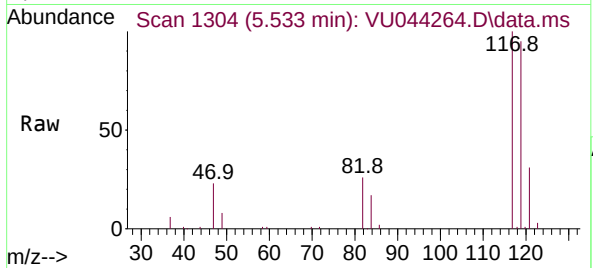




#31
Carbon tetrachloride
Concen: 3.321 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

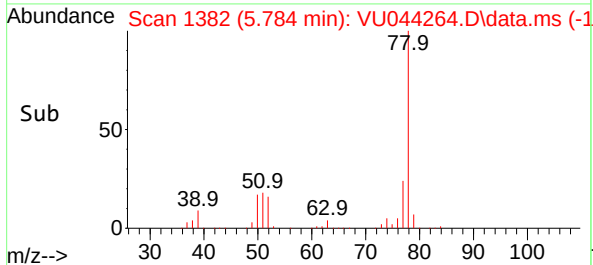
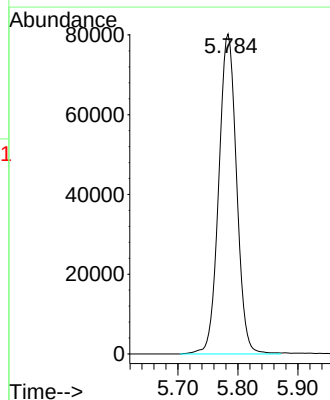
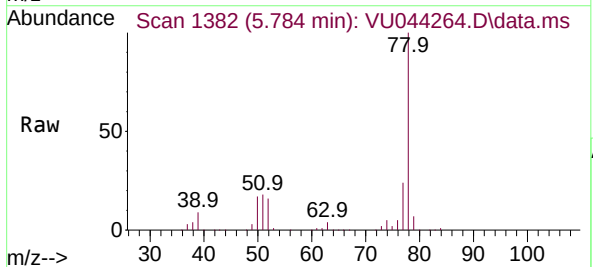
Instrument :
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ClientSampled :
DBK54

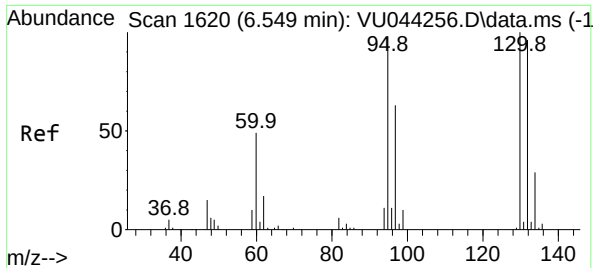
Tgt Ion:117 Resp: 48015
Ion Ratio Lower Upper
117 100
119 97.5 77.7 116.5



#33
Benzene
Concen: 4.180 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

Tgt Ion: 78 Resp: 165153

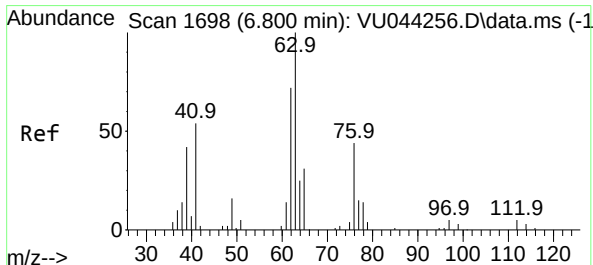
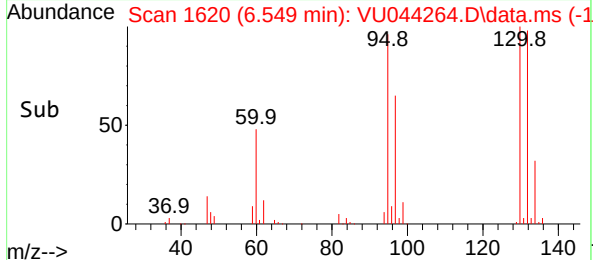
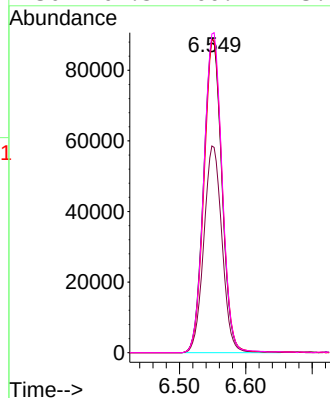
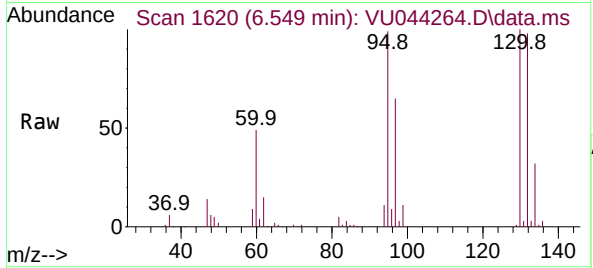




#34
Trichloroethene
Concen: 15.865 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

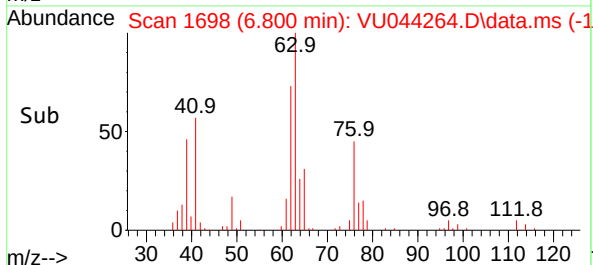
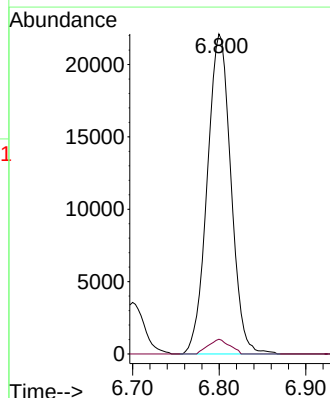
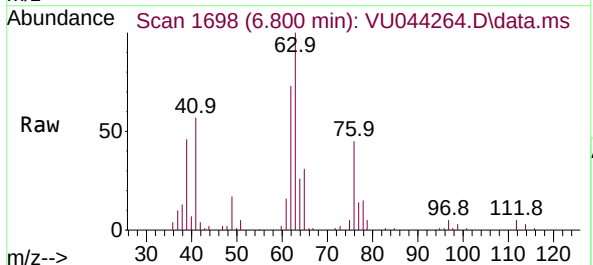
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ClientSampled :
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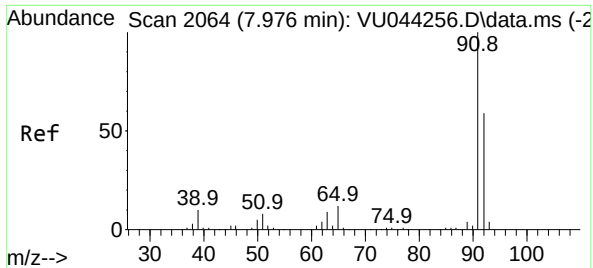
Tgt Ion: 95 Resp: 169754
Ion Ratio Lower Upper
95 100
97 65.8 44.3 82.3
132 99.6 64.3 119.5
130 101.5 66.4 123.2



#37
1,2-Dichloropropane
Concen: 4.028 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

Tgt Ion: 63 Resp: 42024
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3

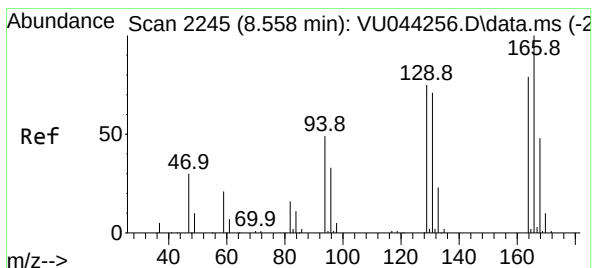
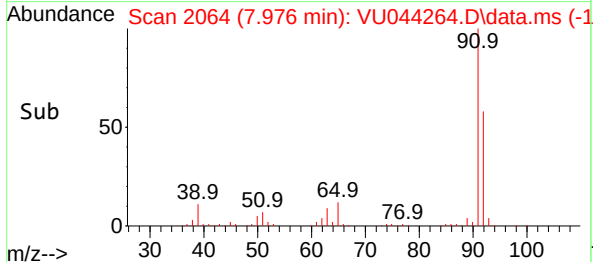
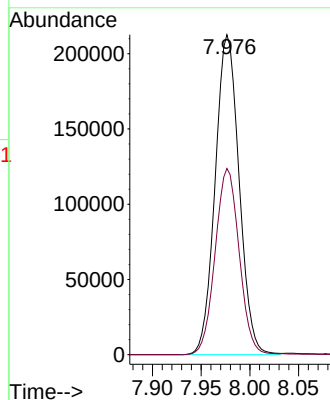
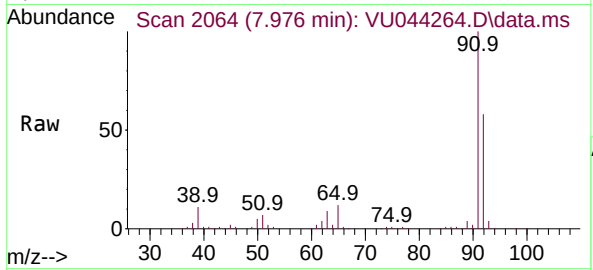




#42
Toluene
Concen: 8.358 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

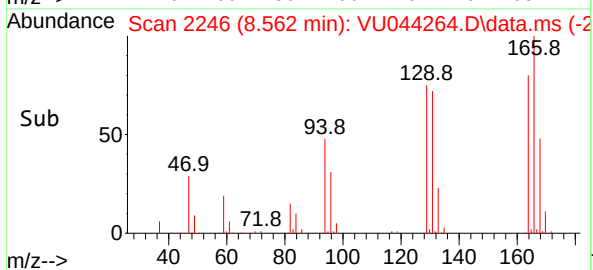
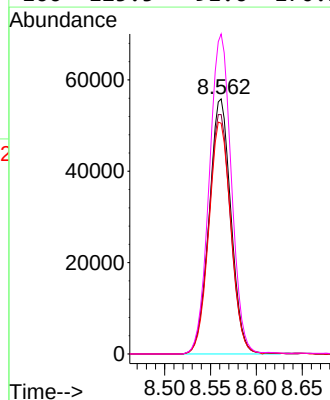
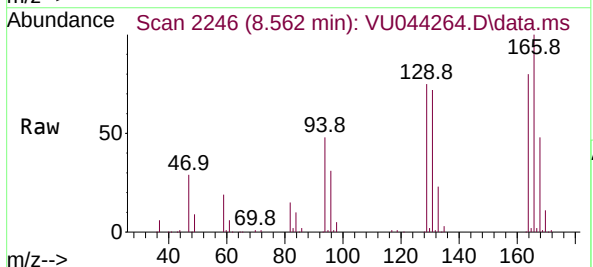
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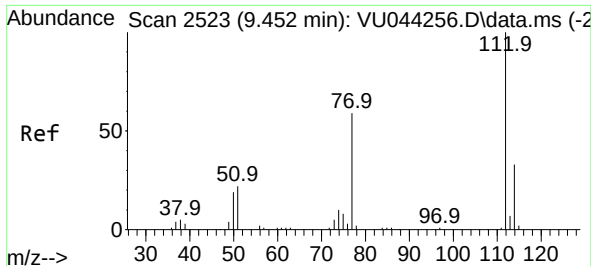
Tgt Ion: 91 Resp: 363663
Ion Ratio Lower Upper
91 100
92 58.2 41.2 76.6



#47
Tetrachloroethene
Concen: 11.706 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

Tgt Ion: 164 Resp: 92598
Ion Ratio Lower Upper
164 100
129 93.9 71.8 133.4
131 90.5 66.4 123.2
166 125.5 91.6 170.2

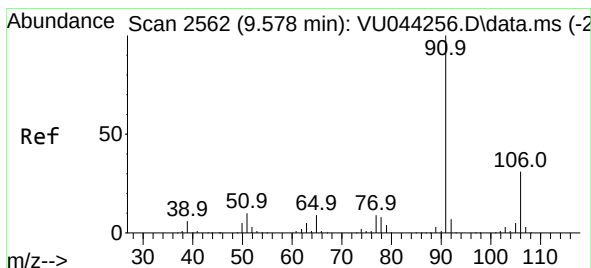
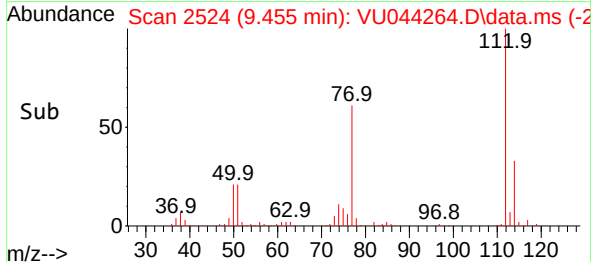
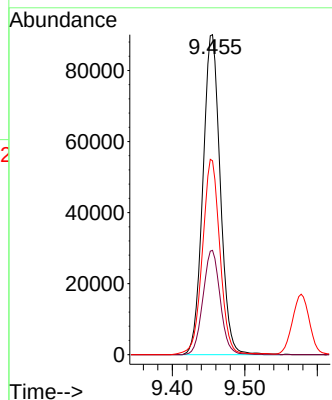
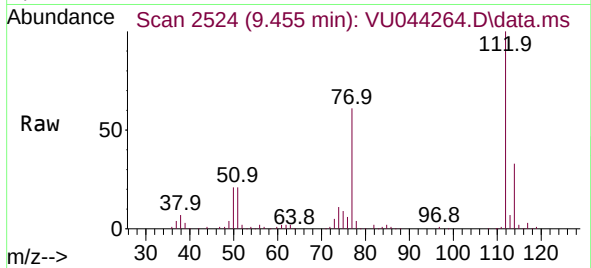




#51
Chlorobenzene
Concen: 5.391 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

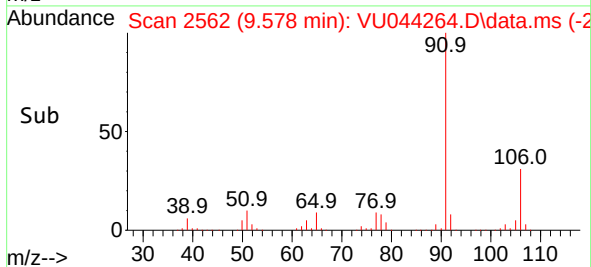
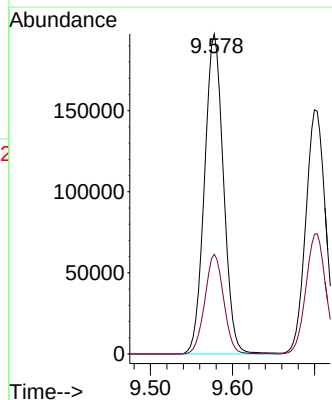
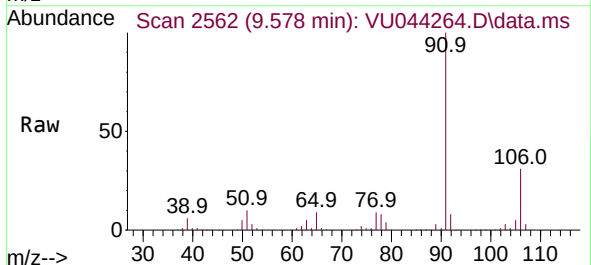
Instrument :
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ClientSampled :
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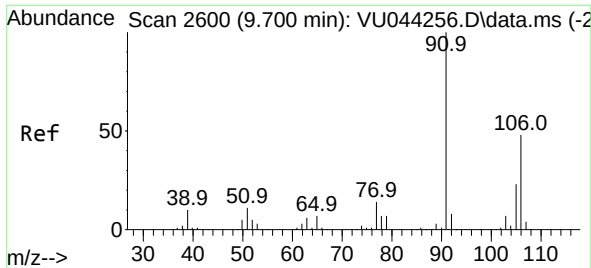
Tgt Ion:	112	Resp:	150242
Ion Ratio	Lower	Upper	
112	100		
114	32.6	22.0	41.0
77	60.6	48.9	73.3



#52
Ethylbenzene
Concen: 6.313 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

Tgt Ion:	91	Resp:	317071
Ion Ratio	Lower	Upper	
91	100		
106	31.2	21.6	40.2

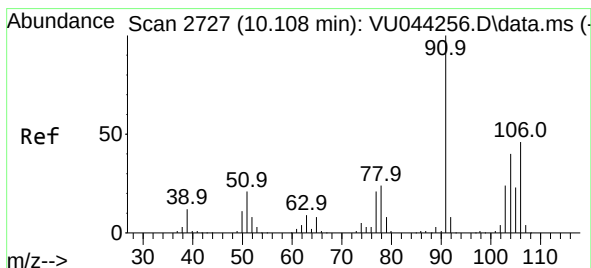
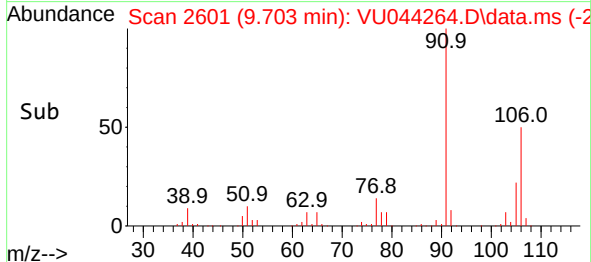
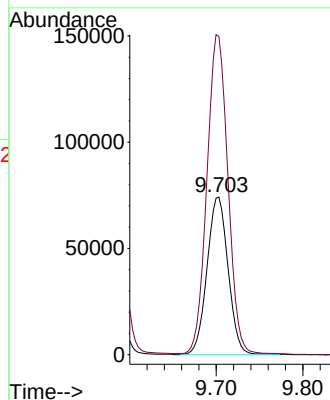
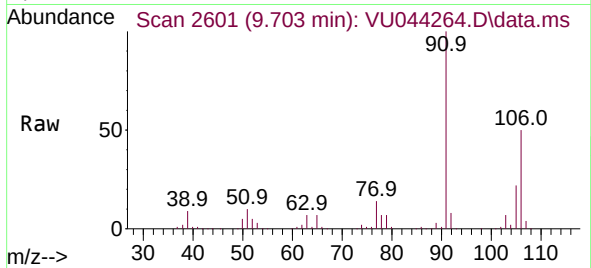




#53
m,p-Xylene
Concen: 6.599 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

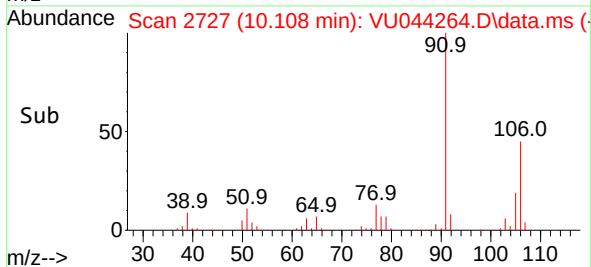
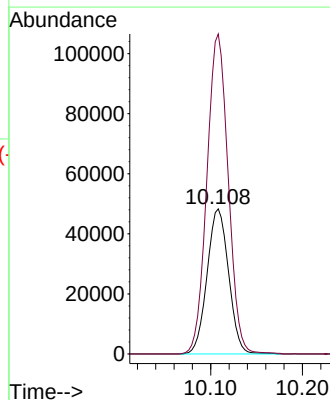
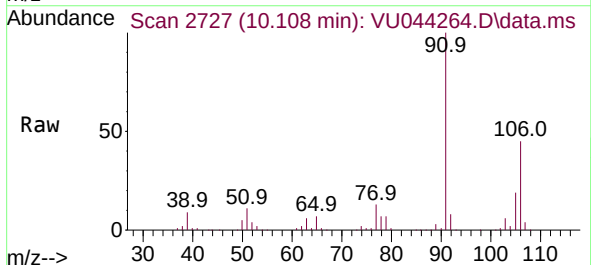
Instrument :
MSVOA_U
ClientSampled :
DBK54

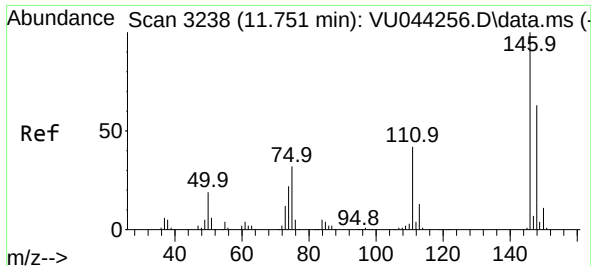
Tgt Ion:106 Resp: 125513
Ion Ratio Lower Upper
106 100
91 201.8 144.8 269.0



#54
o-Xylene
Concen: 4.257 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

Tgt Ion:106 Resp: 78708
Ion Ratio Lower Upper
106 100
91 220.6 154.8 287.4

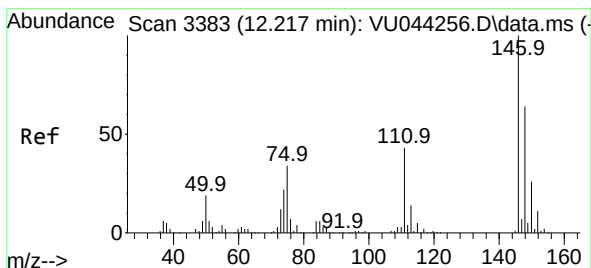
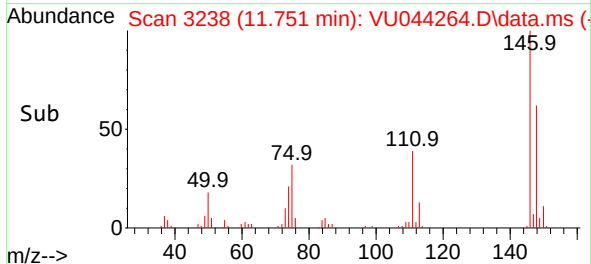
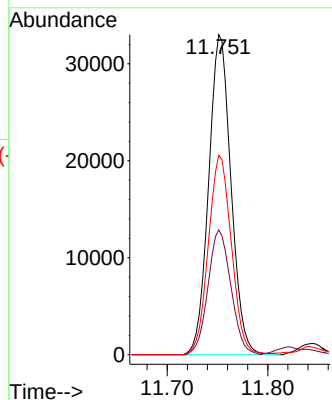
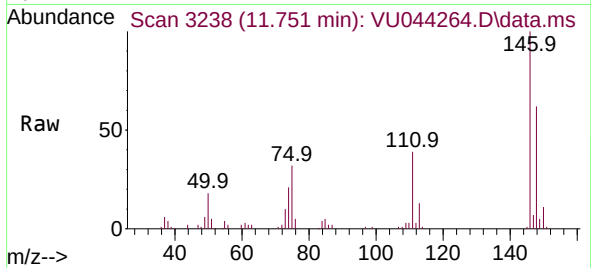




#64
1,3-Dichlorobenzene
Concen: 2.147 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

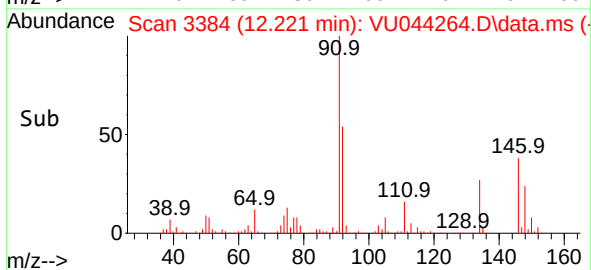
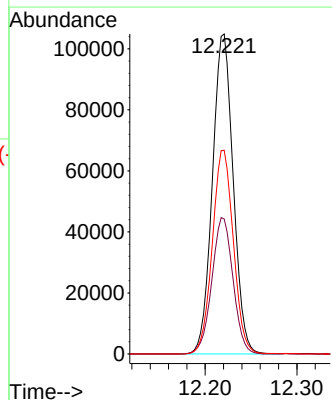
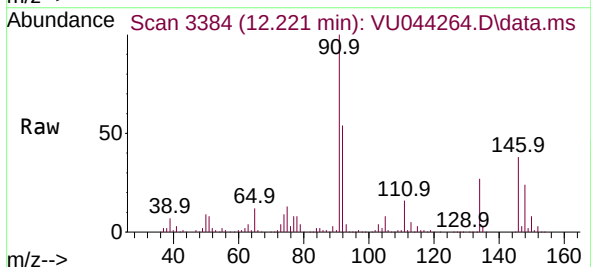
Instrument :
MSVOA_U
ClientSampled :
DBK54

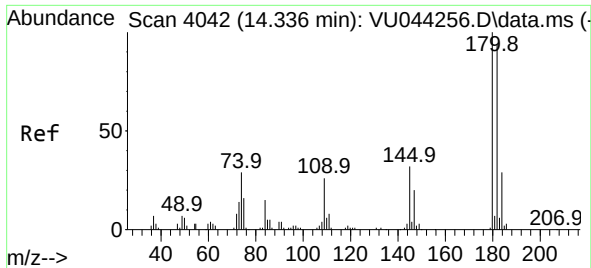
Tgt Ion:146 Resp: 50861
Ion Ratio Lower Upper
146 100
111 39.0 29.8 55.3
148 62.3 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 7.419 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044264.D
Acq: 30 Jun 2021 16:47

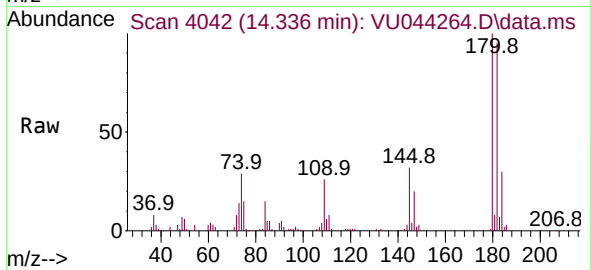
Tgt Ion:146 Resp: 165267
Ion Ratio Lower Upper
146 100
111 42.2 35.0 52.6
148 63.6 51.2 76.8





#72
 1,2,3-Trichlorobenzene
 Concen: 5.689 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VU044264.D
 Acq: 30 Jun 2021 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK54



Tgt Ion:180 Resp: 75111
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.4 114.6
 145 31.6 26.5 39.7

