

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
 Data File : VU044658.D
 Acq On : 16 Sep 2021 13:25
 Operator : SY/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 4:35:10 PM

Quant Time: Sep 17 04:30:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 17 02:59:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	123500	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	124261	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26425	3.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.919	69	31382	4.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.572	65	14898	4.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.645	46	160767m	52.630	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.260%
24) Chloroform-d	5.073	84	72489	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.710	65	43530	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.735	84	136256	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.697	67	49006	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.906	98	110221	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.185	79	15399	4.198	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.649	63	116886	49.583	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.160%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44317	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	41155	4.452	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2033	0.206	ug/L	97
3) Chloromethane	1.520	50	3239	0.274	ug/L	99
5) Vinyl chloride	1.607	62	2993	0.248	ug/L #	64
6) Bromomethane	1.861	94	1765	0.285	ug/L	85
8) Chloroethane	1.941	64	2074m	0.269	ug/L	
9) Trichlorofluoromethane	2.144	101	3313	0.244	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2181	0.261	ug/L #	82
12) 1,1-Dichloroethene	2.584	96	2005	0.253	ug/L #	1
13) Acetone	2.655	43	2833	1.424	ug/L	87
14) Carbon disulfide	2.800	76	5347	0.213	ug/L	97
15) Methyl Acetate	2.967	43	937	0.261	ug/L #	68
16) Methylene chloride	3.054	84	78978	6.260	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	4828	0.220	ug/L	94
18) trans-1,2-Dichloroethene	3.363	96	1886	0.224	ug/L	92
19) 1,1-Dichloroethane	3.880	63	4052	0.238	ug/L	98
21) 2-Butanone	4.726	43	6832m	2.057	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	2160	0.232	ug/L	89
23) Bromochloromethane	4.977	128	922m	0.234	ug/L	
25) Chloroform	5.096	83	6641	0.365	ug/L	94

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Manual Integrations
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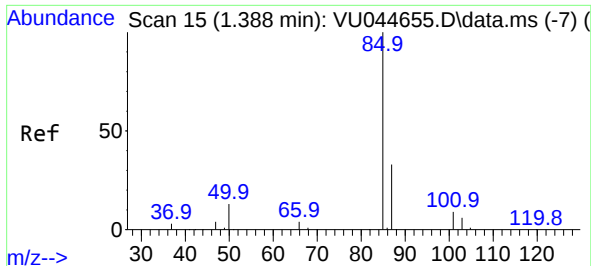
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Quant Time: Sep 17 04:30:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.800	62	3021	0.254	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	3087	0.228	ug/L	95
30) Cyclohexane	5.398	56	3044	0.196	ug/L	93
31) Carbon tetrachloride	5.530	117	2185	0.206	ug/L	96
33) Benzene	5.780	78	8629	0.234	ug/L	100
34) Trichloroethene	6.549	95	2105	0.231	ug/L	93
35) Methylcyclohexane	6.771	83	3025	0.202	ug/L #	90
37) 1,2-Dichloropropane	6.800	63	2512	0.254	ug/L #	88
38) Bromodichloromethane	7.115	83	2704	0.226	ug/L	90
39) cis-1,3-Dichloropropene	7.613	75	3145	0.225	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	16819	2.187	ug/L #	90
42) Toluene	7.976	91	10465	0.272	ug/L	91
44) trans-1,3-Dichloropropene	8.218	75	3064	0.256	ug/L	89
45) 1,1,2-Trichloroethane	8.407	97	1606	0.229	ug/L	97
47) Tetrachloroethene	8.558	164	1391	0.219	ug/L	94
48) 2-Hexanone	8.697	43	19194	3.352	ug/L #	87
49) Dibromochloromethane	8.816	129	1554	0.211	ug/L	98
50) 1,2-Dibromoethane	8.931	107	1433	0.217	ug/L #	79
51) Chlorobenzene	9.452	112	5759	0.241	ug/L	96
52) Ethylbenzene	9.575	91	8527	0.204	ug/L	100
53) m,p-Xylene	9.700	106	3092	0.195	ug/L	98
54) o-Xylene	10.105	106	2953	0.195	ug/L	89
55) Styrene	10.121	104	4711	0.178	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	2448	0.259	ug/L #	93
59) Bromoform	10.298	173	649	0.186	ug/L #	94
60) Isopropylbenzene	10.491	105	7601	0.217	ug/L	98
61) 1,2,3-Trichloropropane	10.828	75	1623	0.262	ug/L	93
62) 1,3,5-Trimethylbenzene	11.092	105	5863	0.201	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	5767	0.193	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	3667	0.224	ug/L	97
65) 1,4-Dichlorobenzene	11.845	146	3734	0.221	ug/L	96
67) 1,2-Dichlorobenzene	12.217	146	3890	0.251	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	2291	0.184	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	1802	0.172	ug/L #	94
71) Naphthalene	14.095	128	3323	0.162	ug/L #	87
72) 1,2,3-Trichlorobenzene	14.333	180	1666	0.173	ug/L	96

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



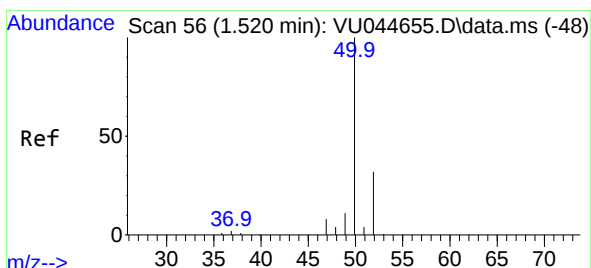
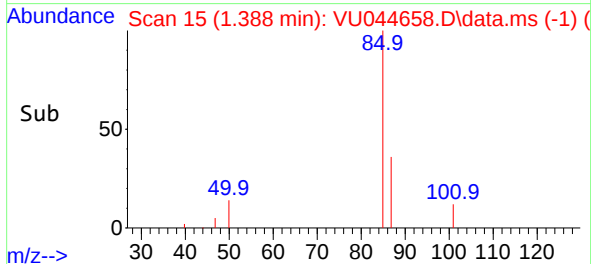
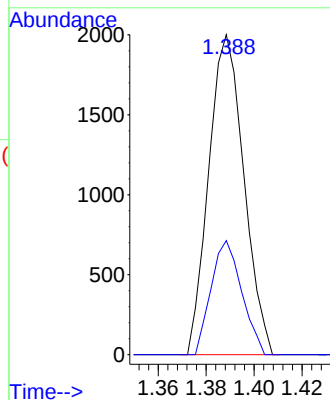
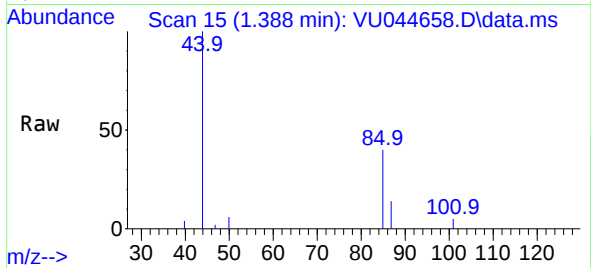
#2
Dichlorodifluoromethane
Concen: 0.206 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 85 Resp: 2033
Ion Ratio Lower Upper
85 100
87 31.0 26.0 39.0

Instrument :
MSVOA_U
ClientSampled :
MDL06

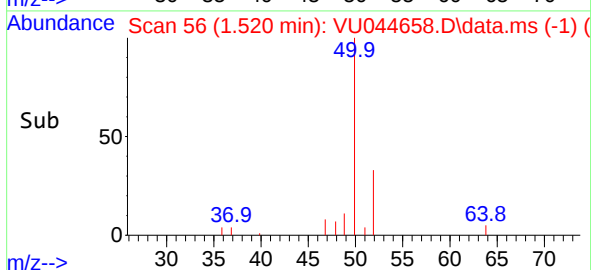
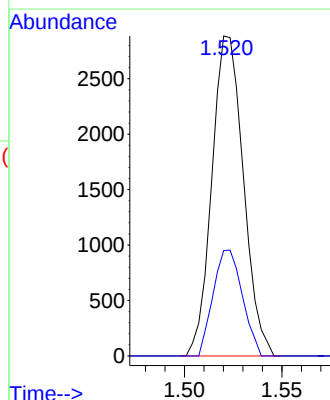
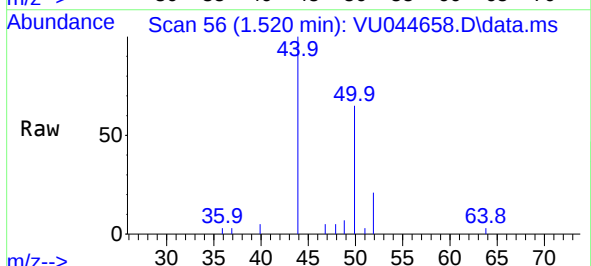
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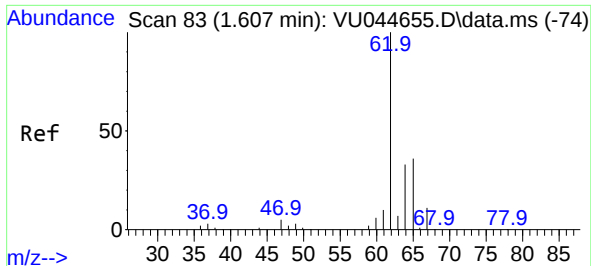
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#3
Chloromethane
Concen: 0.274 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

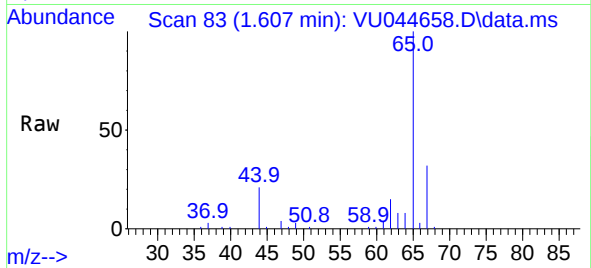
Tgt Ion: 50 Resp: 3239
Ion Ratio Lower Upper
50 100
52 32.9 22.6 42.0





#5
 Vinyl chloride
 Concen: 0.248 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044658.D
 Acq: 16 Sep 2021 13:25

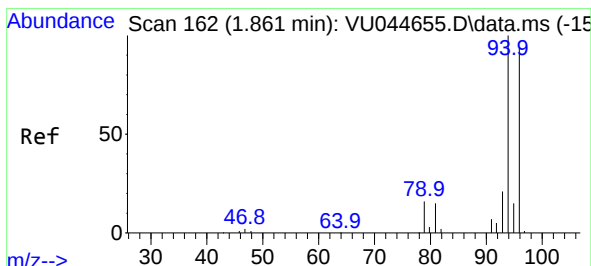
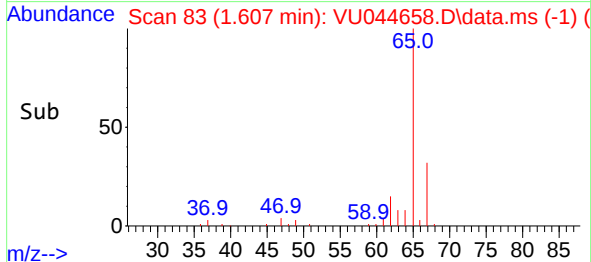
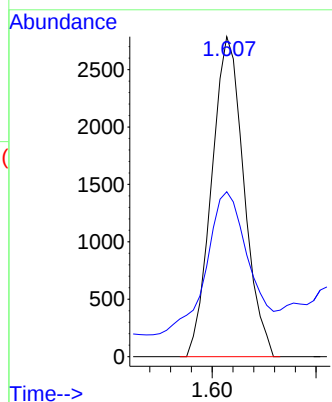
Instrument :
 MSVOA_U
 ClientSampled :
 MDL06



Tgt Ion: 62 Resp: 2993
 Ion Ratio Lower Upper
 62 100
 64 51.6 22.0 40.8#

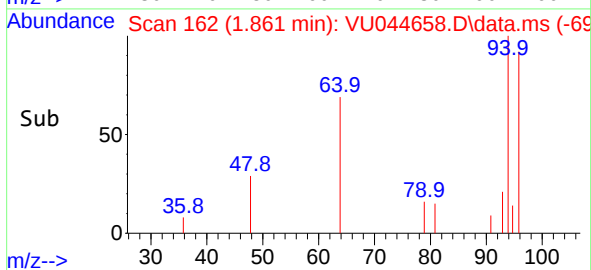
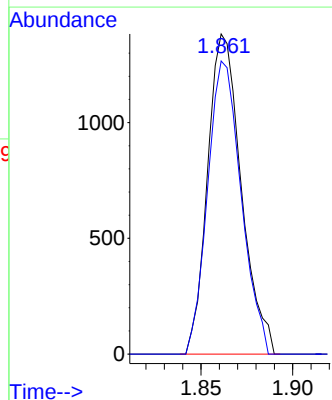
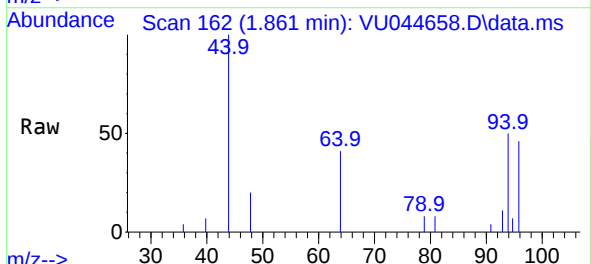
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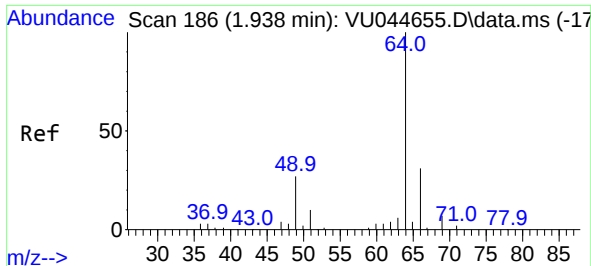
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#6
 Bromomethane
 Concen: 0.285 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044658.D
 Acq: 16 Sep 2021 13:25

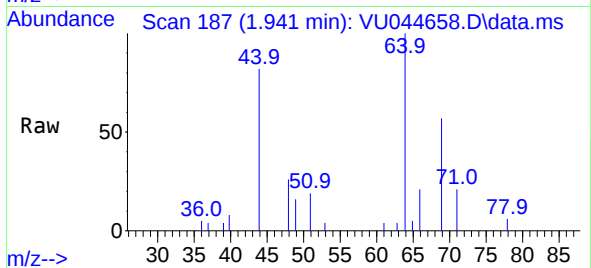
Tgt Ion: 94 Resp: 1765
 Ion Ratio Lower Upper
 94 100
 96 80.6 66.4 123.4





#8
Chloroethane
Concen: 0.269 ug/L m
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

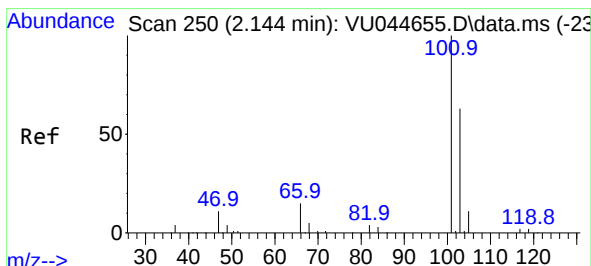
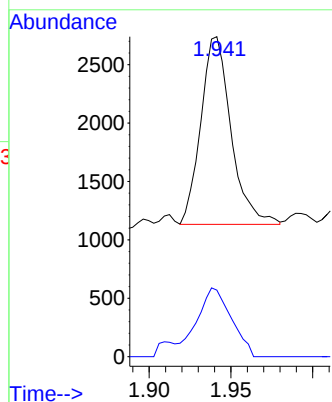
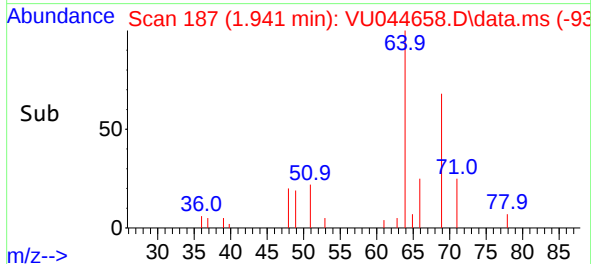
Instrument :
MSVOA_U
ClientSampleId :
MDL06



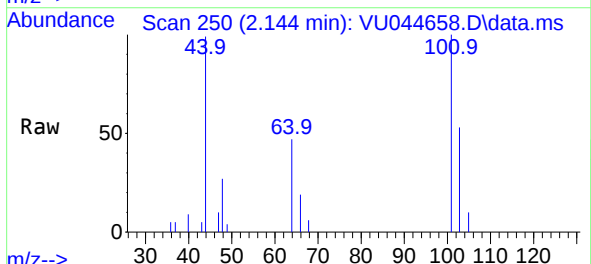
Tgt Ion: 64 Resp: 2074
Ion Ratio Lower Upper
64 100
66 20.8 22.1 41.1#

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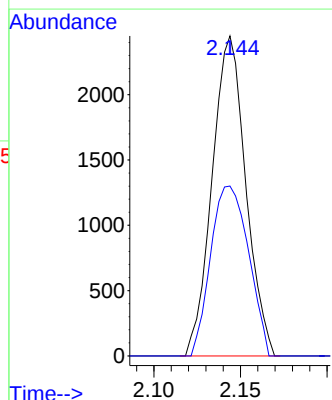
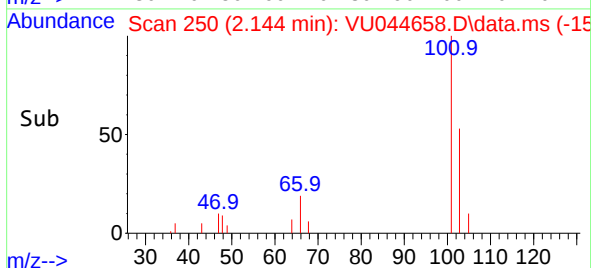
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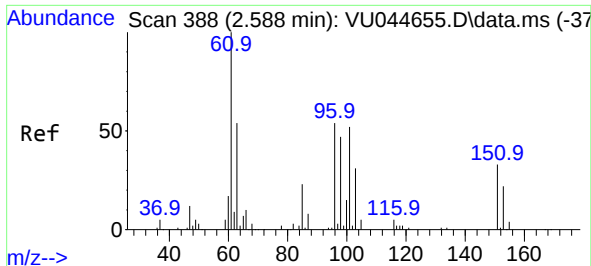


#9
Trichlorofluoromethane
Concen: 0.244 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



Tgt Ion: 101 Resp: 3313
Ion Ratio Lower Upper
101 100
103 59.7 51.2 76.8





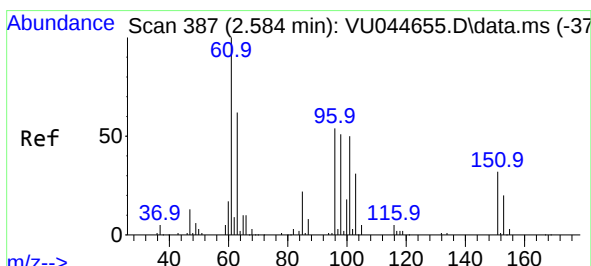
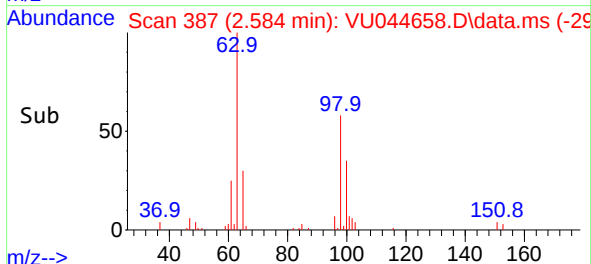
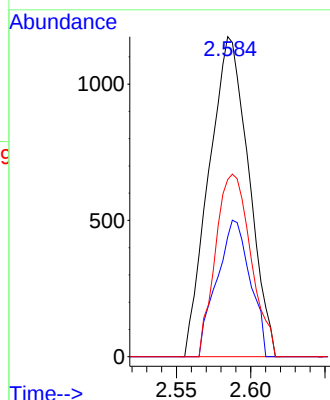
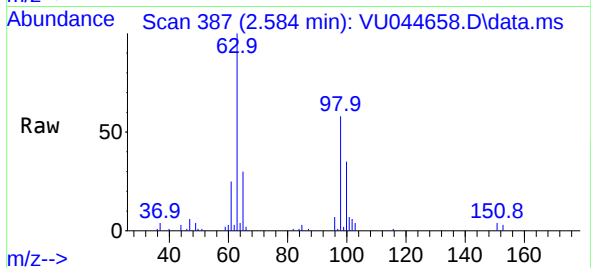
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.261 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:101 Resp: 2181
Ion Ratio Lower Upper
101 100
85 35.7 35.4 53.2
151 50.9 53.9 80.9#

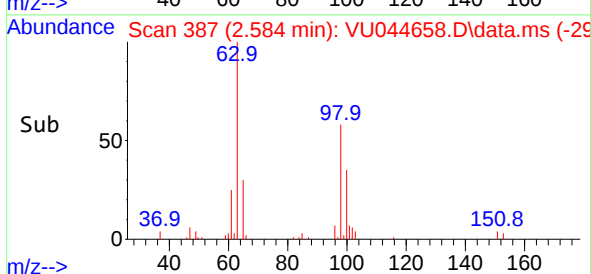
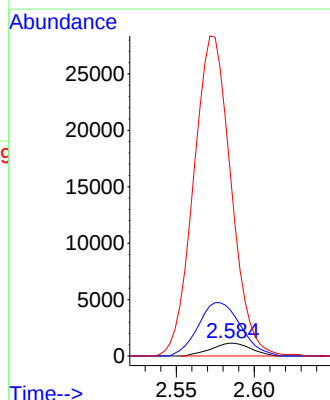
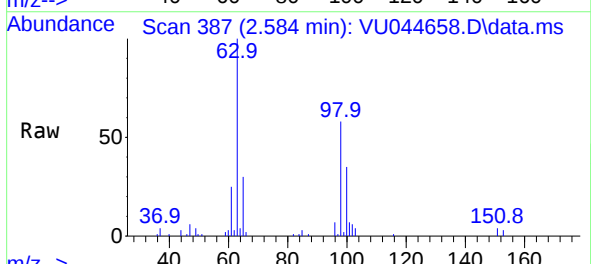
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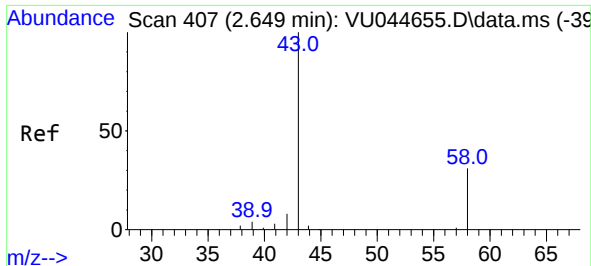
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#12
1,1-Dichloroethene
Concen: 0.253 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

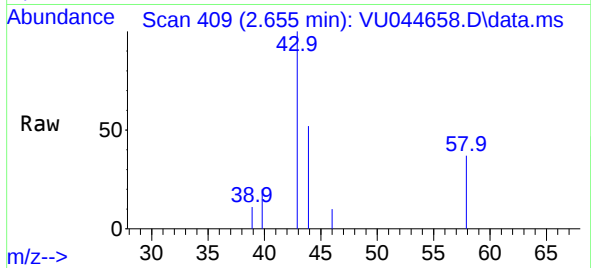
Tgt Ion: 96 Resp: 2005
Ion Ratio Lower Upper
96 100
61 359.9 129.3 240.1#
63 1439.9 91.3 169.5#





#13
Acetone
Concen: 1.424 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.007 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

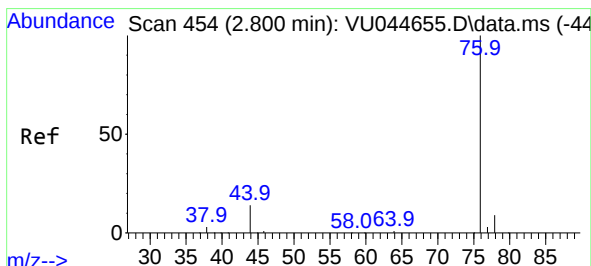
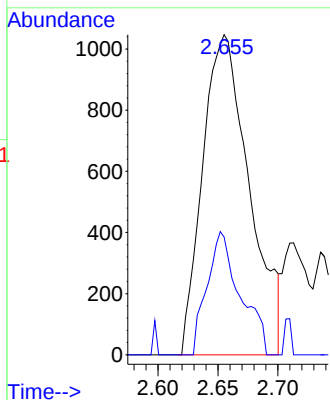
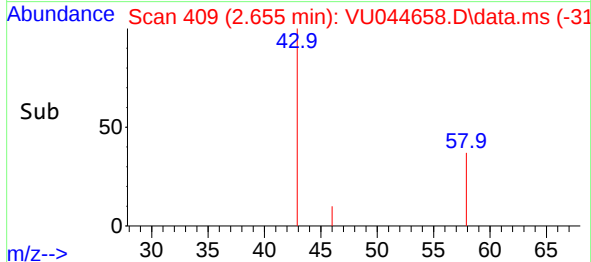
Instrument :
MSVOA_U
ClientSampled :
MDL06



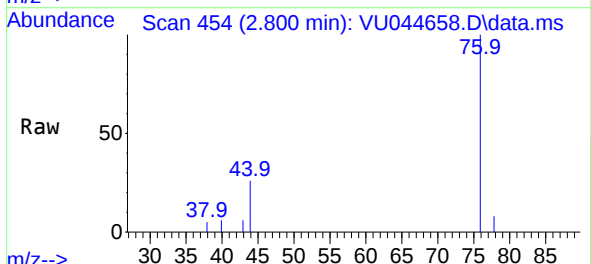
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Ion Ratio Lower Upper
43 100
58 27.4 0.0 42.4

Manual Integrations
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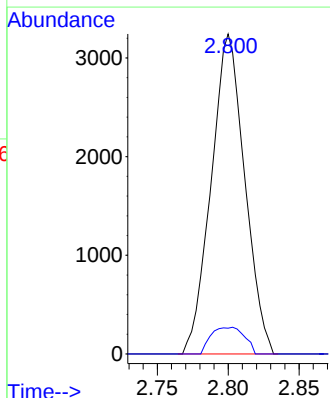
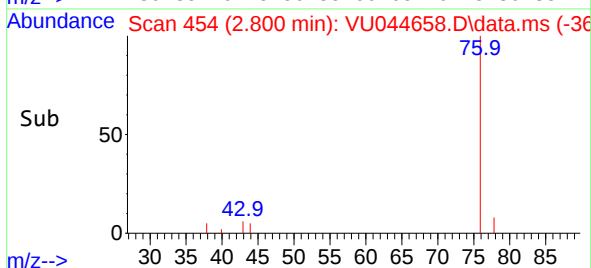
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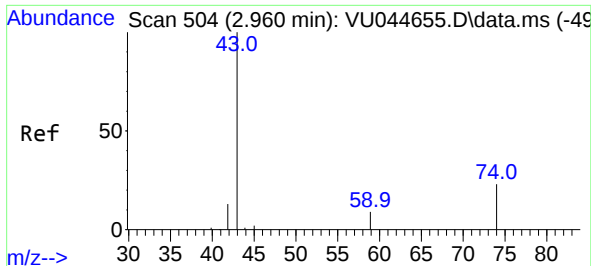


#14
Carbon disulfide
Concen: 0.213 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



Tgt Ion: 76 Resp: 5347
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0





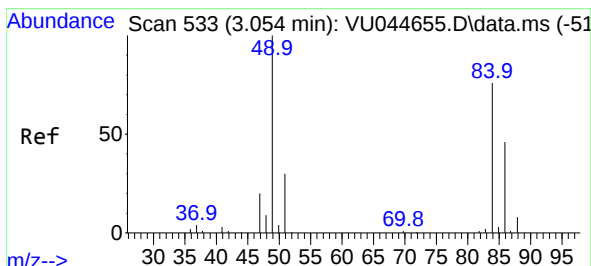
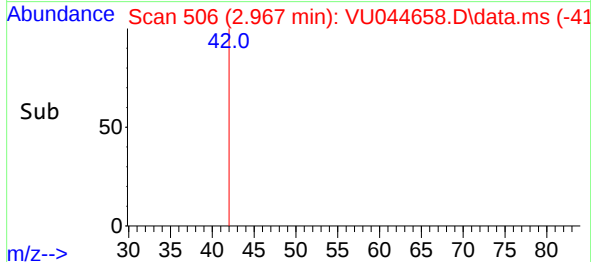
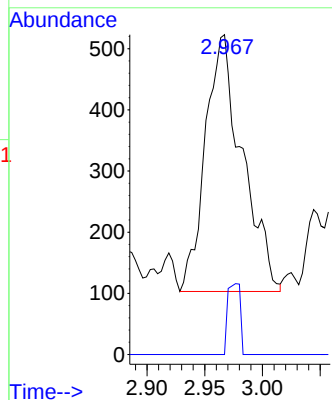
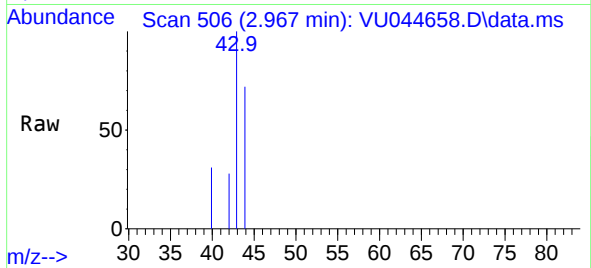
#15
Methyl Acetate
Concen: 0.261 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.007 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
74 9.3 20.6 30.8#

Instrument :
MSVOA_U
ClientSampled :
MDL06

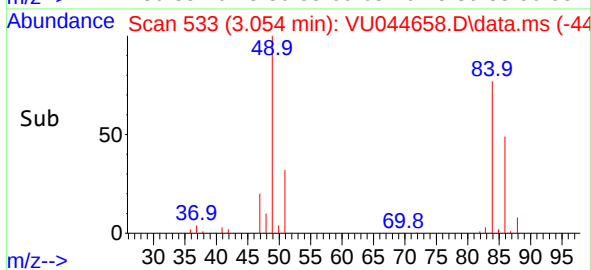
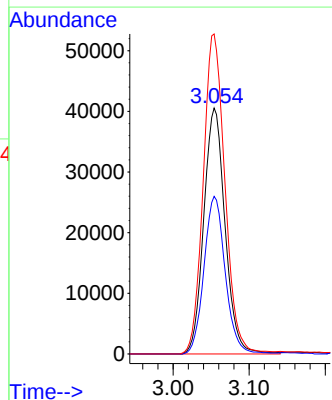
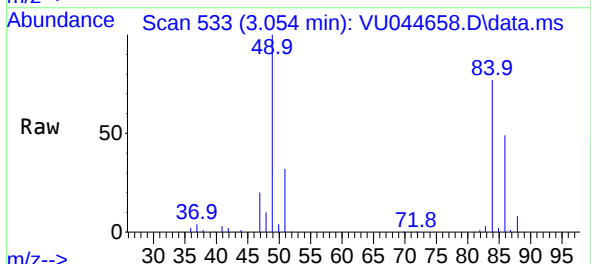
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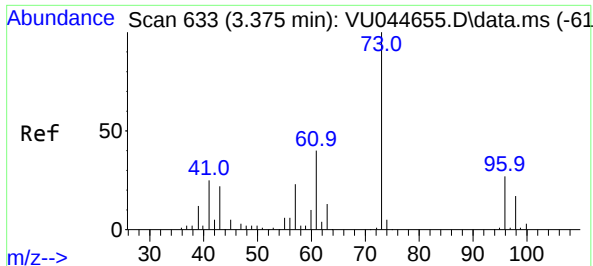
MMDadoda
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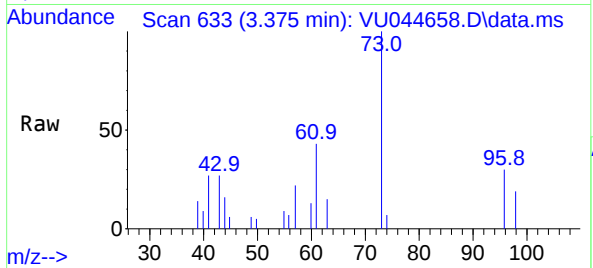
#16
Methylene chloride
Concen: 6.260 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 84 Resp: 78978
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.2
49 130.1 92.9 172.5



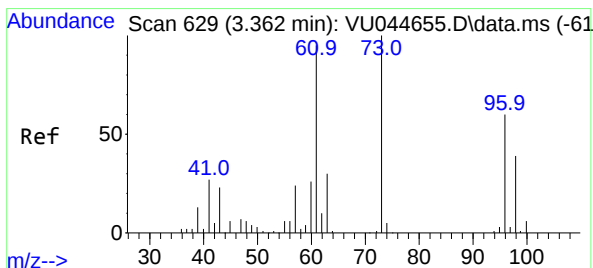
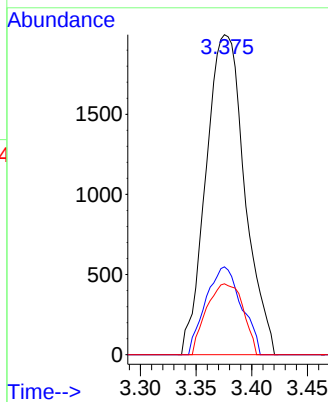
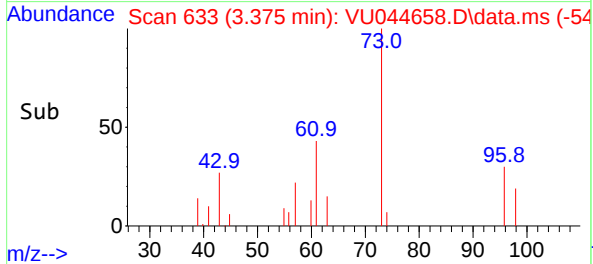


#17
Methyl tert-butyl Ether
Concen: 0.220 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

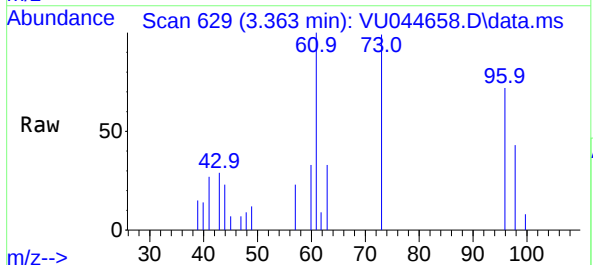


Tgt Ion: 73 Resp: 4828

Ion	Ratio	Lower	Upper
73	100		
43	25.5	17.8	26.6
57	20.9	18.6	27.8

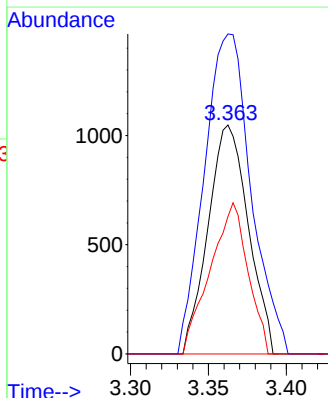
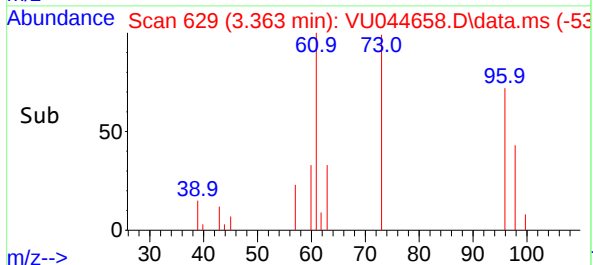


#18
trans-1,2-Dichloroethene
Concen: 0.224 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



Tgt Ion: 96 Resp: 1886

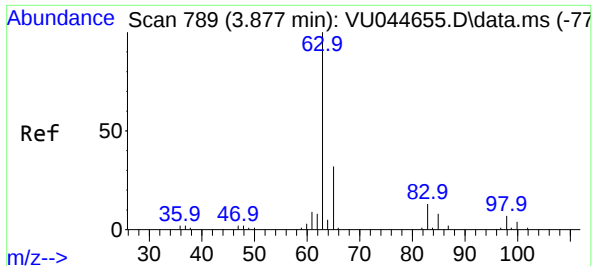
Ion	Ratio	Lower	Upper
96	100		
61	139.8	107.2	199.0
98	60.0	42.8	79.6



Instrument :
MSVOA_U
ClientSampled :
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#19

1,1-Dichloroethane

Concen: 0.238 ug/L

RT: 3.880 min Scan# 790

Delta R.T. 0.003 min

Lab File: VU044658.D

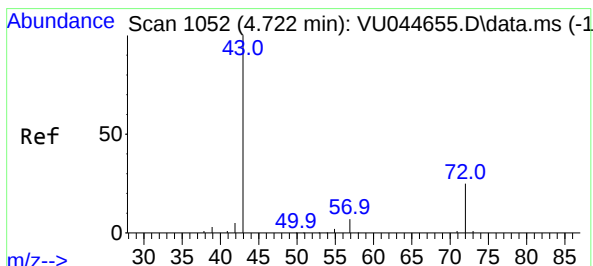
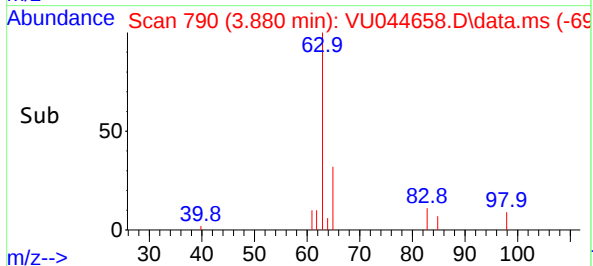
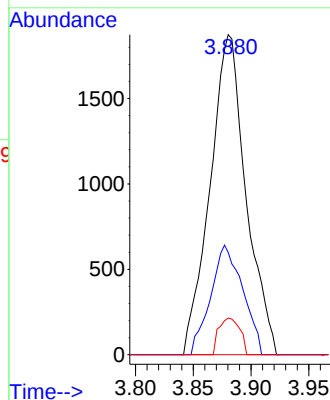
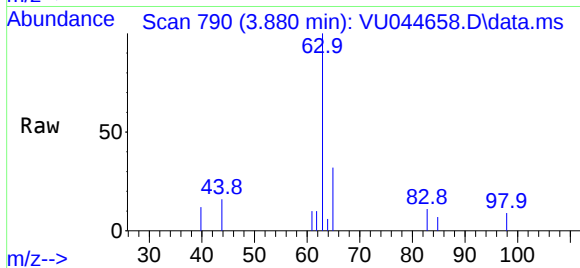
Acq: 16 Sep 2021 13:25

Tgt Ion:	63	Resp:	4052
Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.8	40.6
83	11.5	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations
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#21

2-Butanone

Concen: 2.057 ug/L m

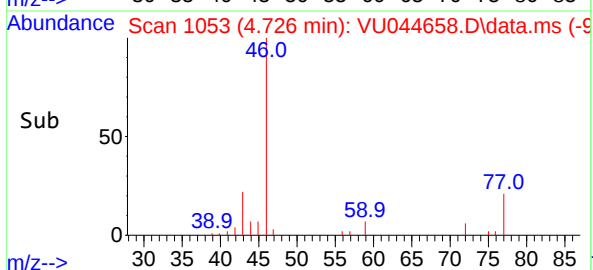
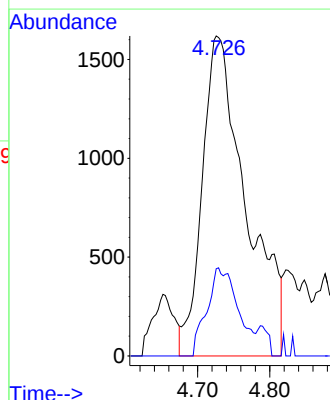
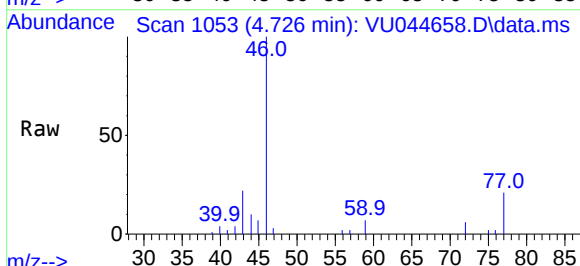
RT: 4.726 min Scan# 1053

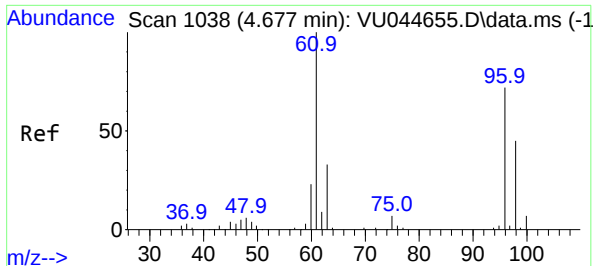
Delta R.T. 0.003 min

Lab File: VU044658.D

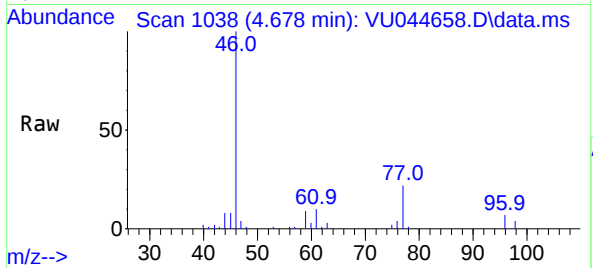
Acq: 16 Sep 2021 13:25

Tgt Ion:	43	Resp:	6832
Ion	Ratio	Lower	Upper
43	100		
72	19.6	9.2	27.4

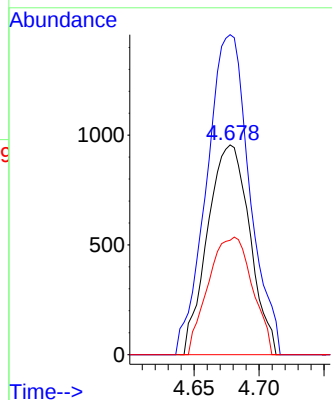




#22
cis-1,2-Dichloroethene
Concen: 0.232 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



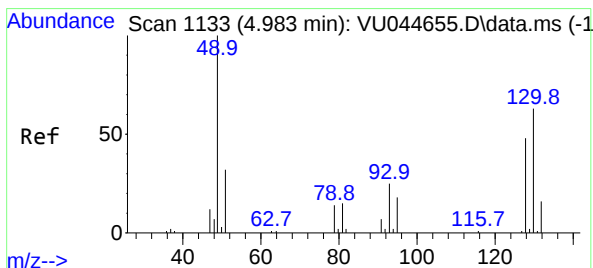
Tgt Ion:	96	Resp:	2160
Ion	Ratio	Lower	Upper
96	100		
61	152.5	96.9	179.9
98	54.5	43.5	80.7



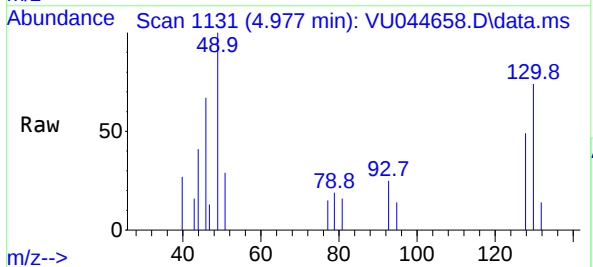
Instrument :
MSVOA_U
ClientSampled :
MDL06

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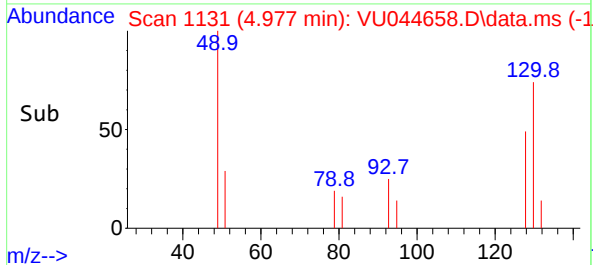
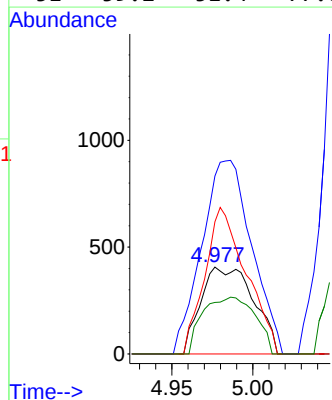
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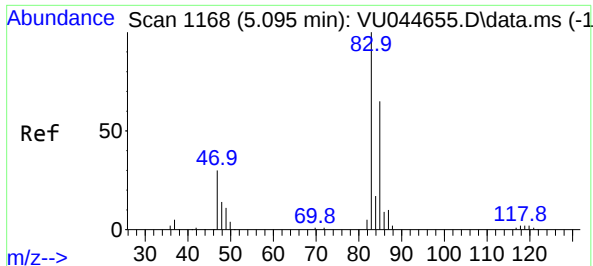


#23
Bromochloromethane
Concen: 0.234 ug/L m
RT: 4.977 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



Tgt Ion:	128	Resp:	922
Ion	Ratio	Lower	Upper
128	100		
49	204.7	141.4	262.6
130	152.1	94.3	175.1
51	59.2	51.4	77.0





#25

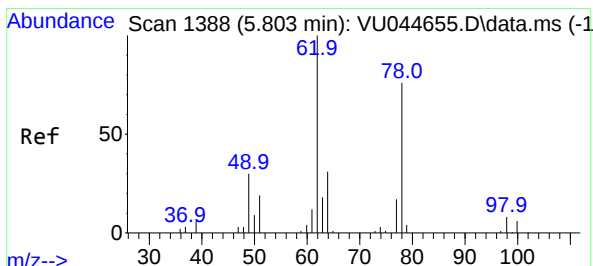
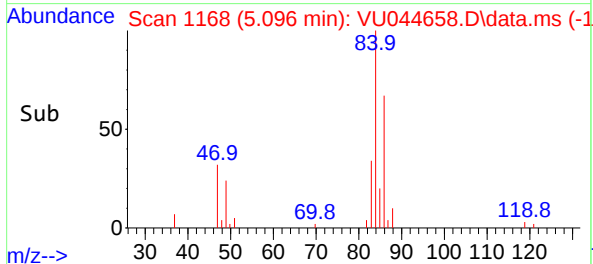
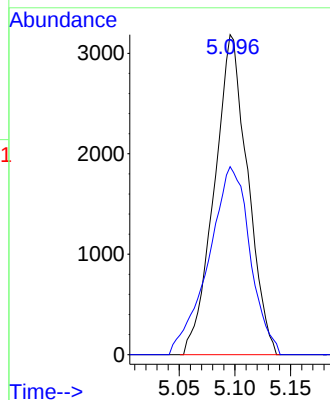
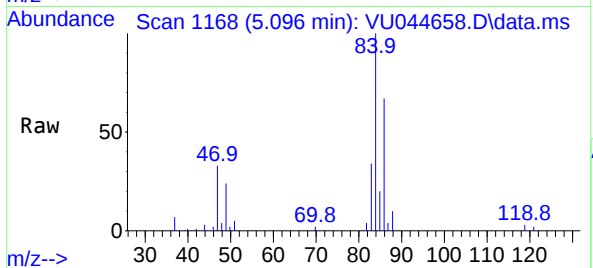
Chloroform
Concen: 0.365 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 83 Resp: 6641
Ion Ratio Lower Upper
83 100
85 58.7 44.2 82.0

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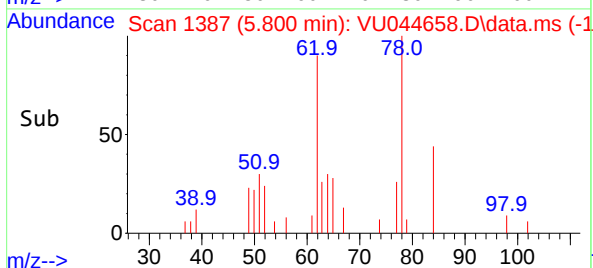
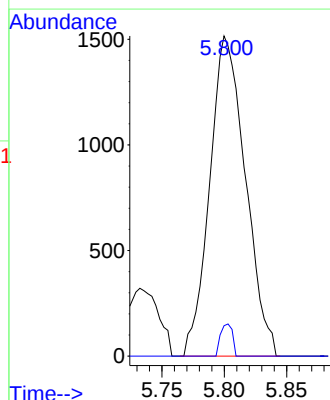
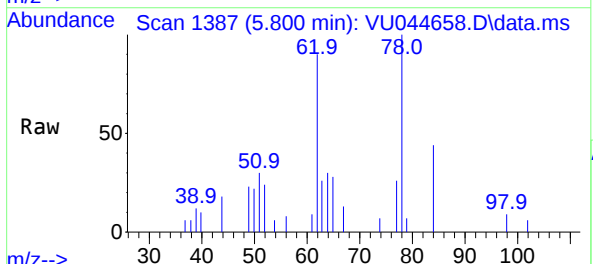
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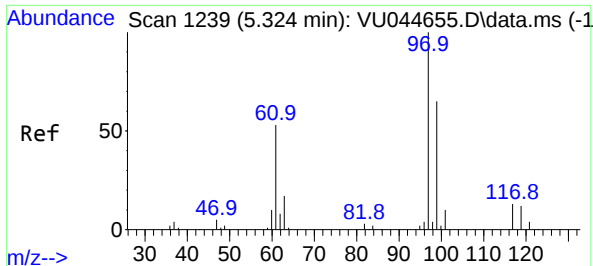


#27

1,2-Dichloroethane
Concen: 0.254 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 62 Resp: 3021
Ion Ratio Lower Upper
62 100
98 9.5 6.6 10.0





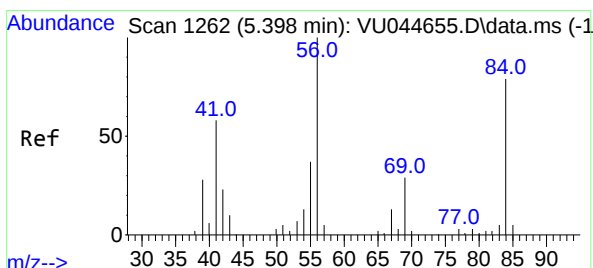
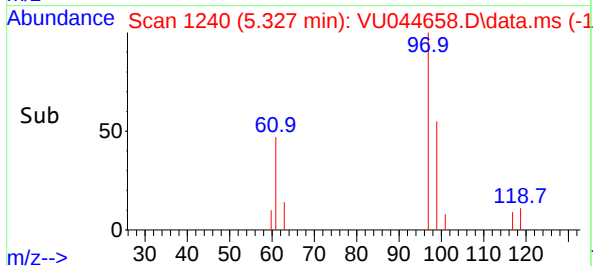
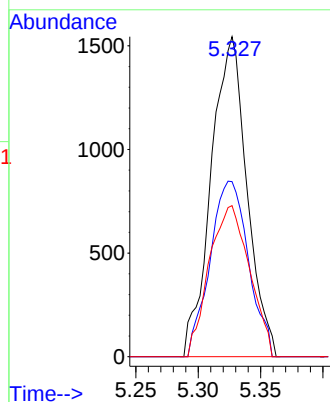
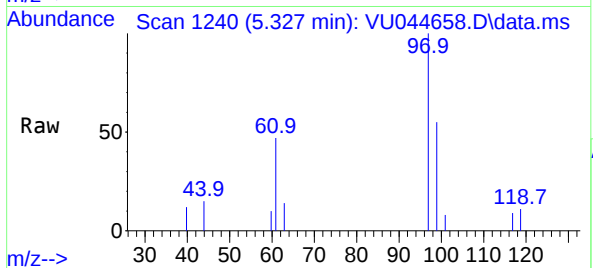
#29
1,1,1-Trichloroethane
Concen: 0.228 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion:	97	Resp:	3087
Ion	Ratio	Lower	Upper
97	100		
99	58.8	50.7	76.1
61	53.0	40.6	60.8

Instrument :
MSVOA_U
ClientSampled :
MDL06

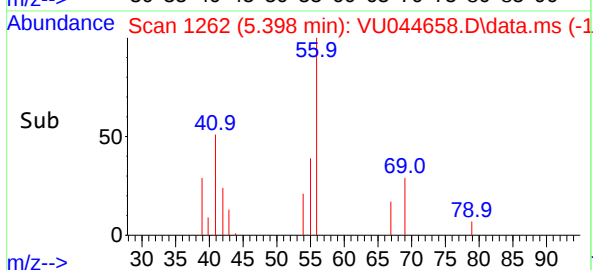
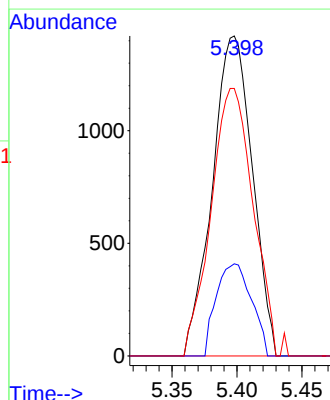
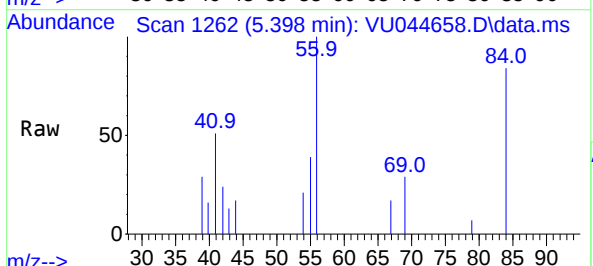
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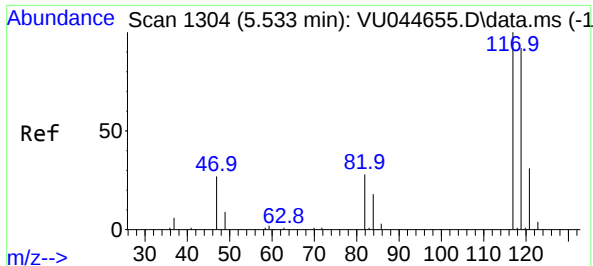
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#30
Cyclohexane
Concen: 0.196 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion:	56	Resp:	3044
Ion	Ratio	Lower	Upper
56	100		
69	25.3	23.4	35.2
84	87.7	65.5	98.3





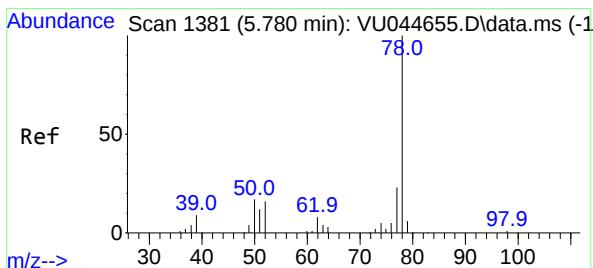
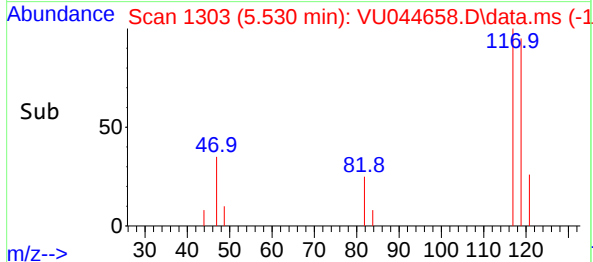
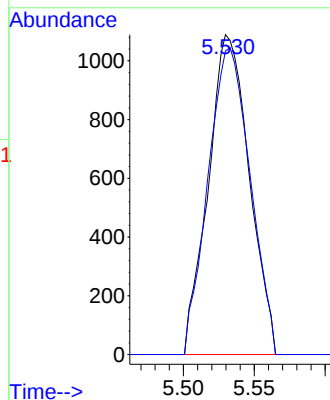
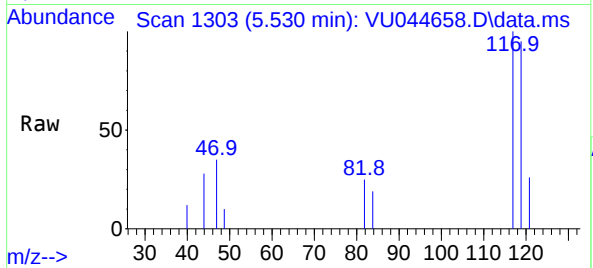
#31
Carbon tetrachloride
Concen: 0.206 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:117 Resp: 2185
Ion Ratio Lower Upper
117 100
119 99.0 76.4 114.6

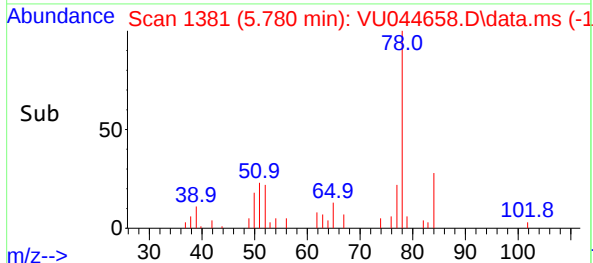
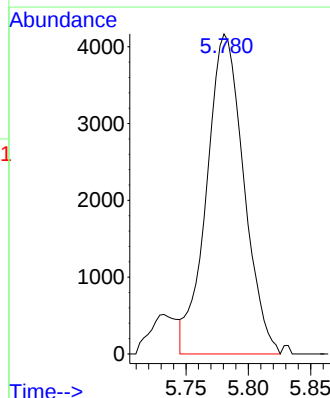
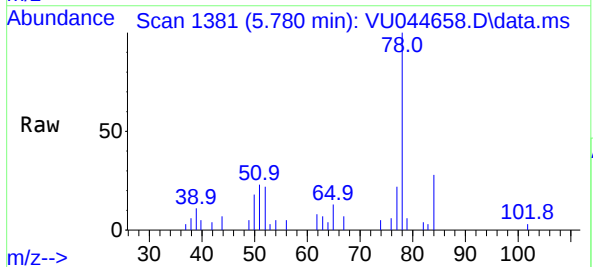
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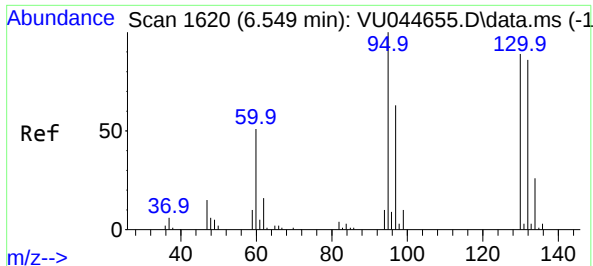
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#33
Benzene
Concen: 0.234 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

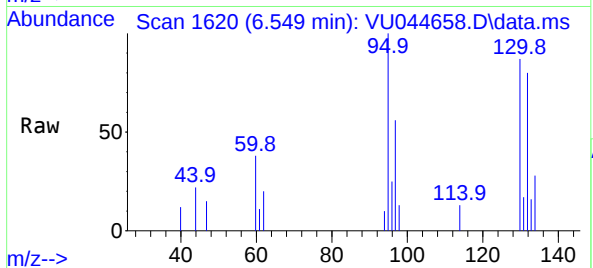
Tgt Ion: 78 Resp: 8629





#34
Trichloroethene
Concen: 0.231 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Instrument :
MSVOA_U
ClientSampled :
MDL06

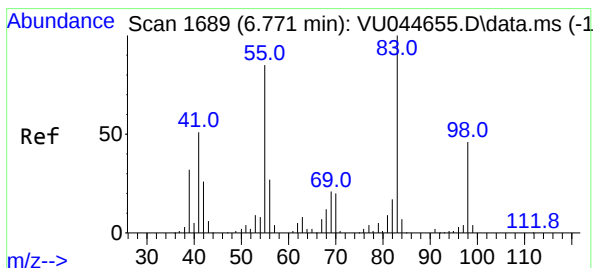
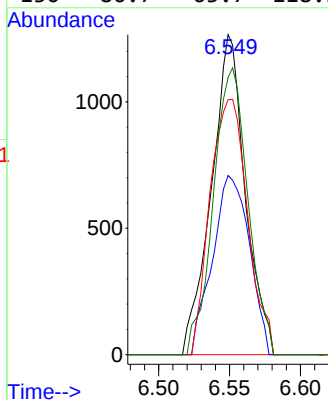
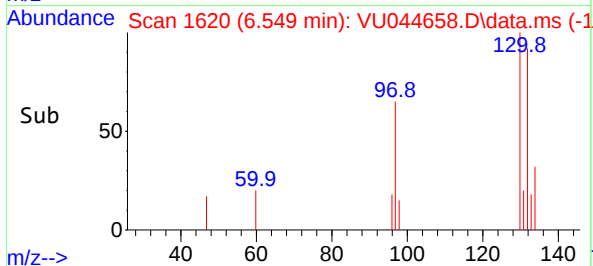


Tgt Ion: 95 Resp: 2105

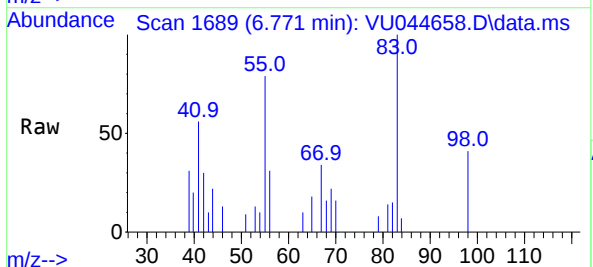
Ion	Ratio	Lower	Upper
95	100		
97	56.0	44.7	82.9
132	79.7	60.3	111.9
130	86.7	63.7	118.3

Manual Integrations
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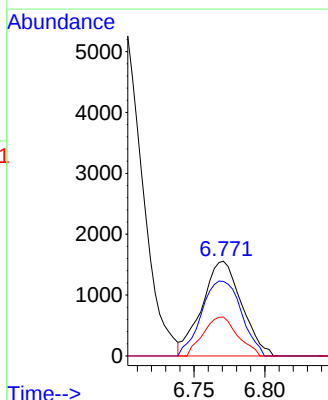
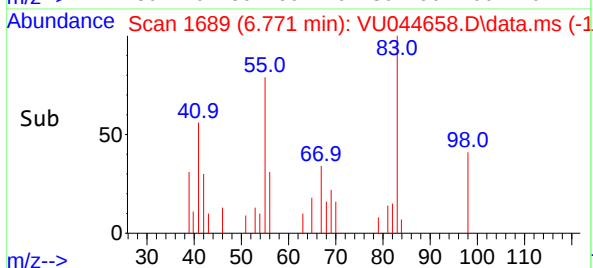


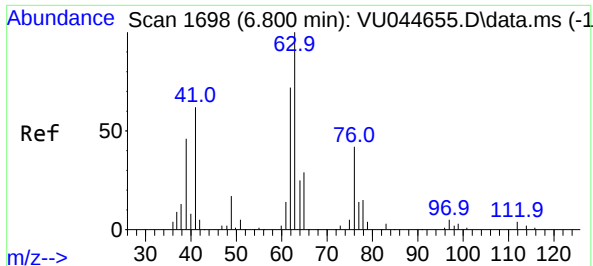
#35
Methylcyclohexane
Concen: 0.202 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



Tgt Ion: 83 Resp: 3025

Ion	Ratio	Lower	Upper
83	100		
55	79.4	68.3	102.5
98	35.6	37.3	55.9#





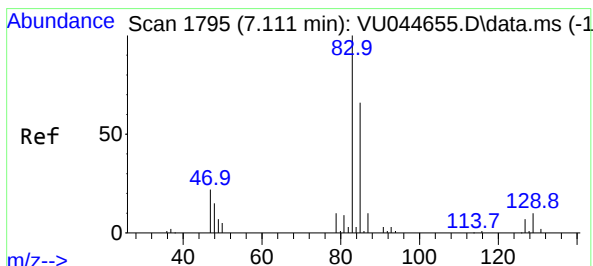
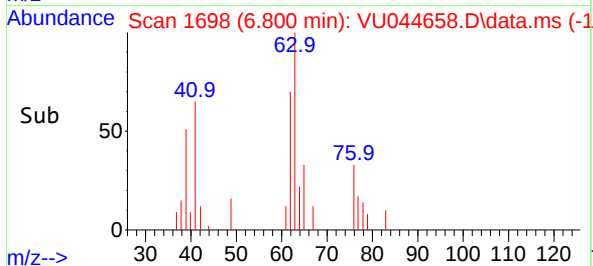
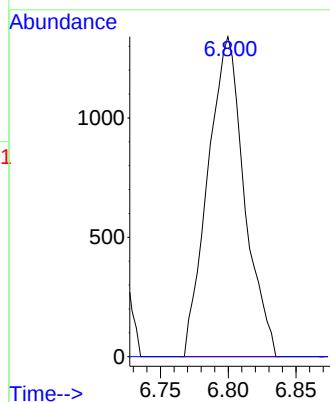
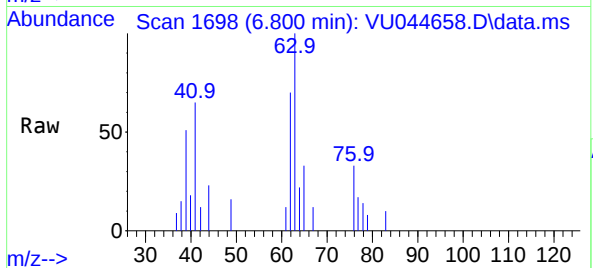
#37
1,2-Dichloropropane
Concen: 0.254 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 63 Resp: 2512
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

Instrument :
MSVOA_U
ClientSampled :
MDL06

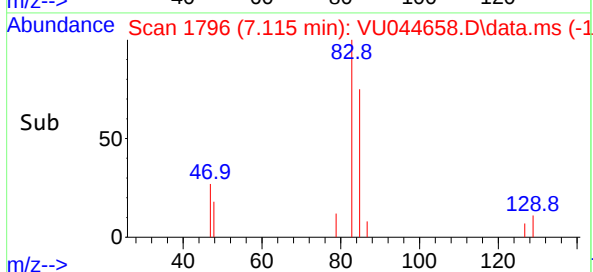
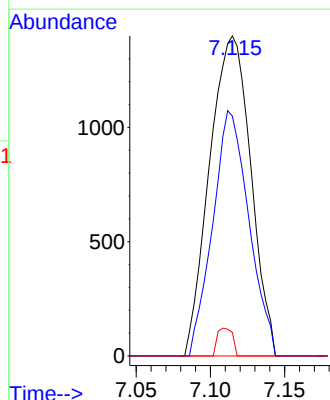
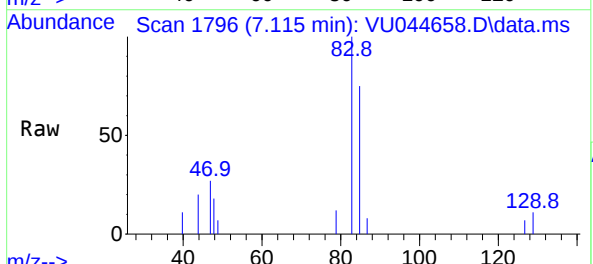
Manual Integrations
APPROVED

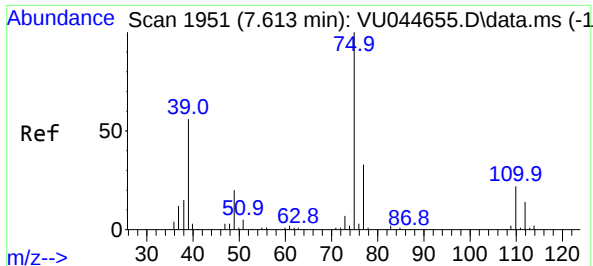
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#38
Bromodichloromethane
Concen: 0.226 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 83 Resp: 2704
Ion Ratio Lower Upper
83 100
85 74.9 46.3 86.1
127 7.4 6.0 9.0





#39

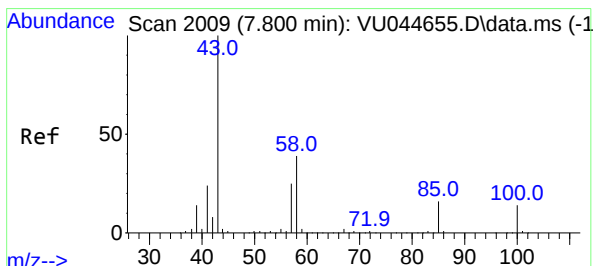
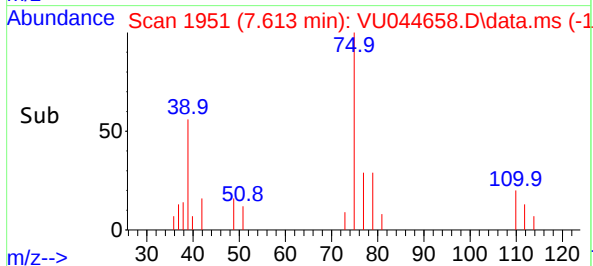
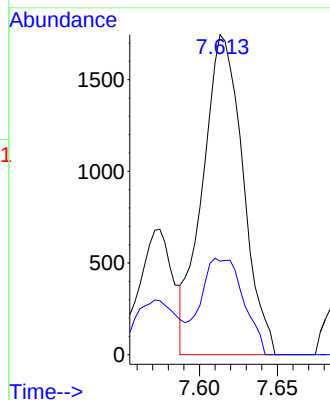
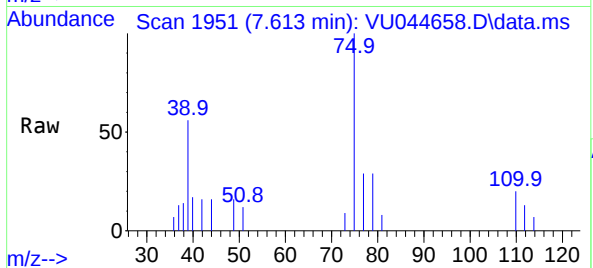
cis-1,3-Dichloropropene
Concen: 0.225 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 75 Resp: 3145
Ion Ratio Lower Upper
75 100
77 29.2 21.5 39.9

Instrument :
MSVOA_U
ClientSampled :
MDL06

Manual Integrations
APPROVED

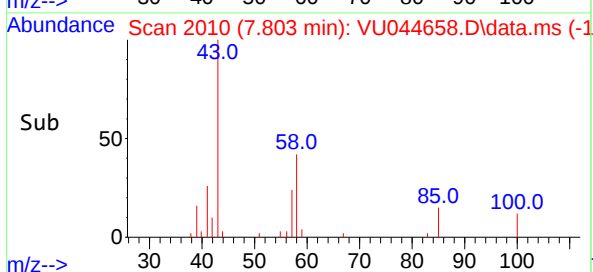
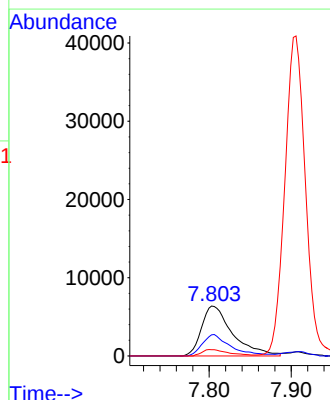
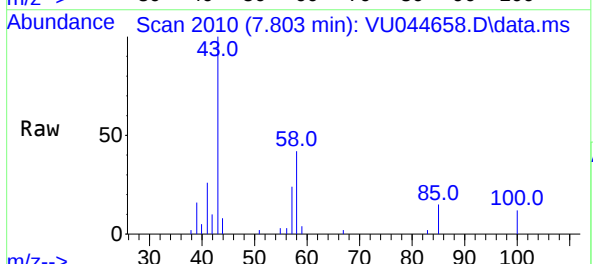
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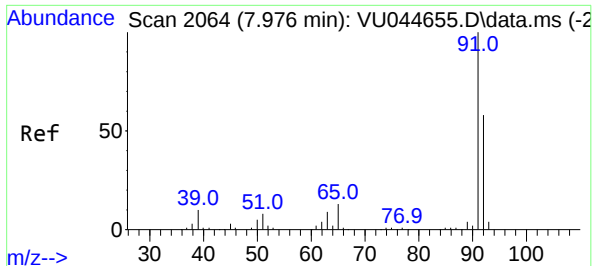


#40

4-Methyl-2-pentanone
Concen: 2.187 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

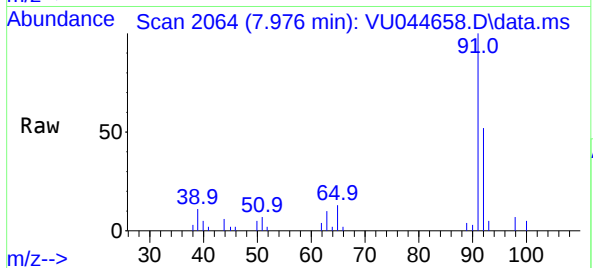
Tgt Ion: 43 Resp: 16819
Ion Ratio Lower Upper
43 100
58 39.3 31.2 46.8
100 0.0 11.4 17.0#





#42
Toluene
Concen: 0.272 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

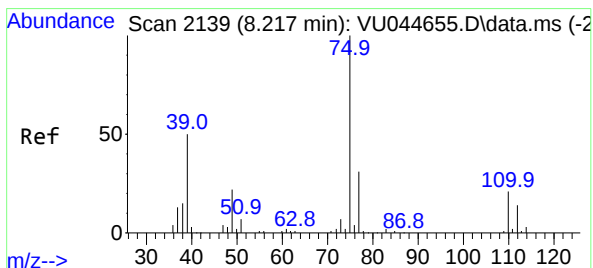
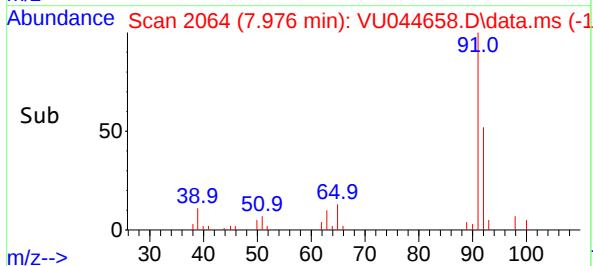
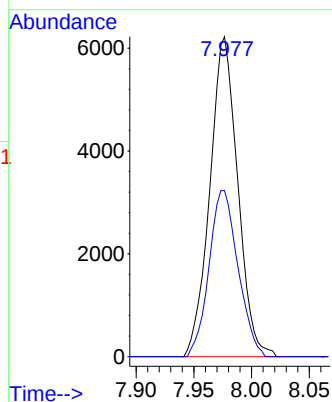
Instrument :
MSVOA_U
ClientSampled :
MDL06



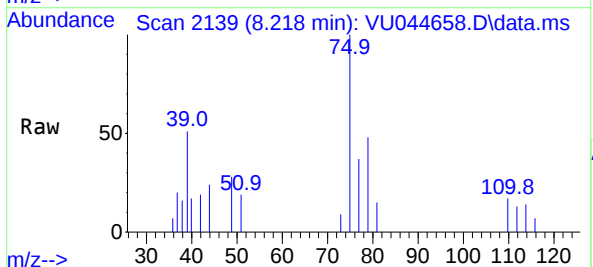
Tgt Ion: 91 Resp: 10465
Ion Ratio Lower Upper
91 100
92 51.9 41.1 76.3

Manual Integrations
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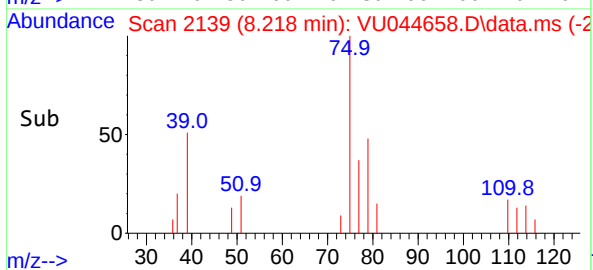
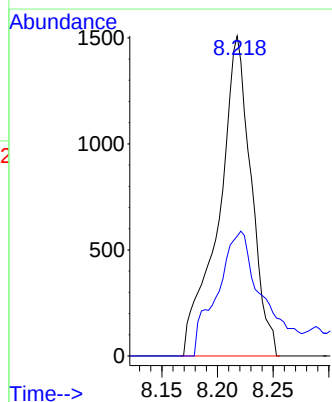
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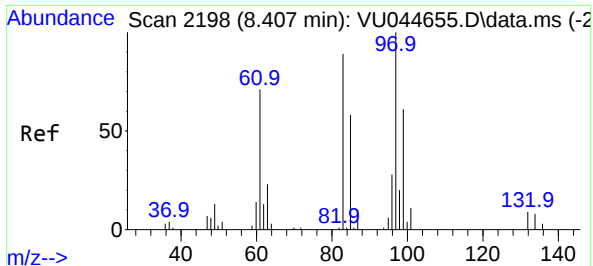


#44
trans-1,3-Dichloropropene
Concen: 0.256 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



Tgt Ion: 75 Resp: 3064
Ion Ratio Lower Upper
75 100
77 37.4 22.0 41.0





#45
1,1,2-Trichloroethane
Concen: 0.229 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

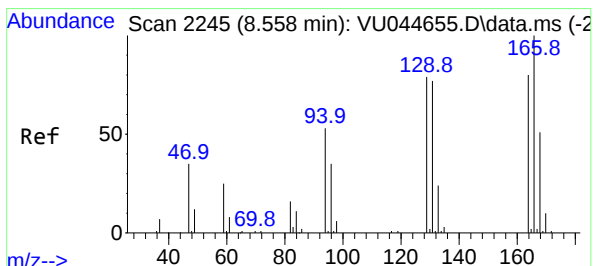
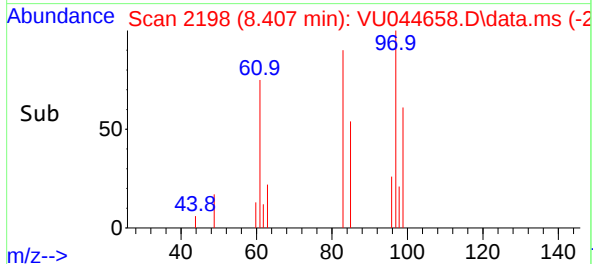
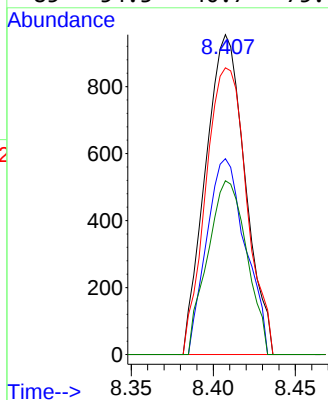
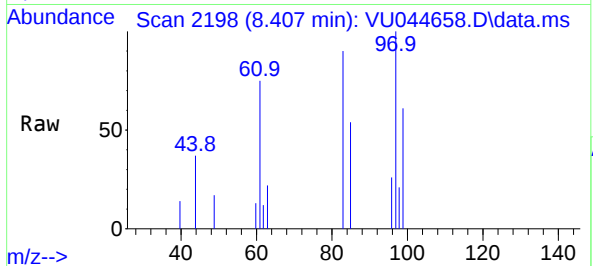
Tgt Ion: 97 Resp: 1606

Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.8	83.2
83	89.6	63.6	118.0
85	54.3	40.7	75.7

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations
APPROVED

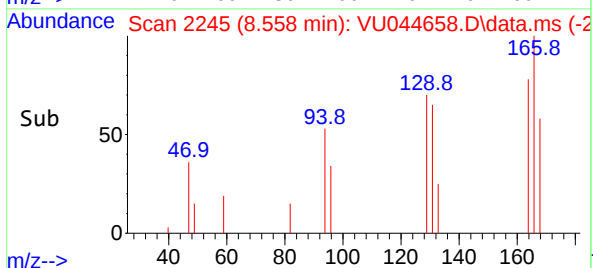
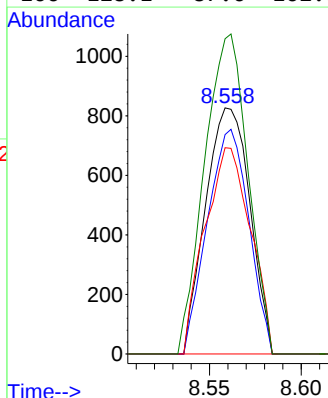
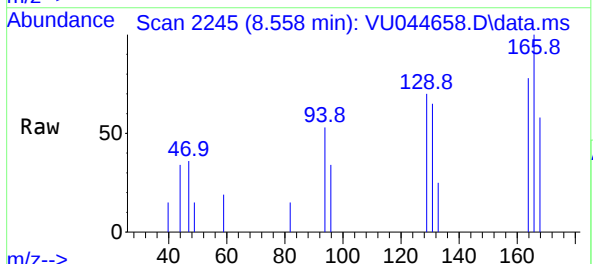
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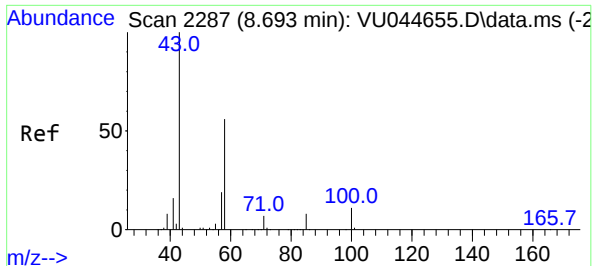


#47
Tetrachloroethene
Concen: 0.219 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 164 Resp: 1391

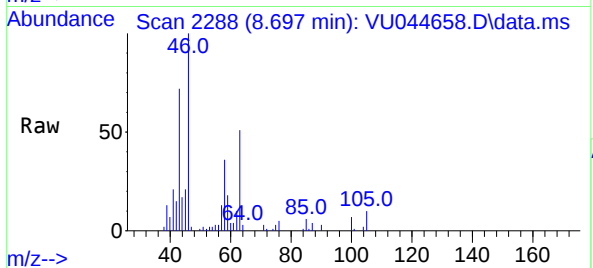
Ion	Ratio	Lower	Upper
164	100		
129	89.1	67.0	124.4
131	83.8	65.2	121.0
166	128.1	87.6	162.8





#48
2-Hexanone
Concen: 3.352 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

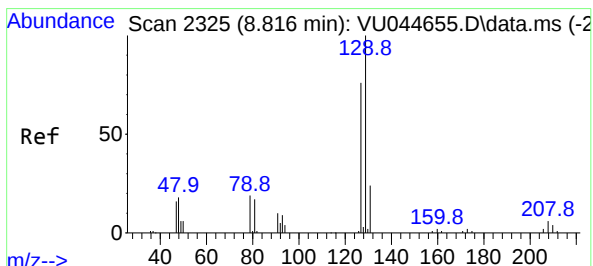
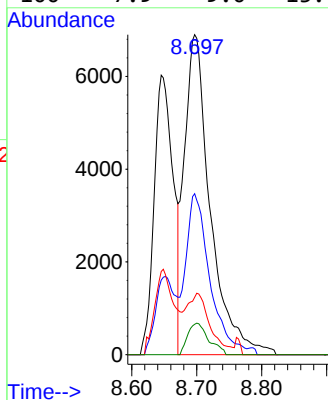
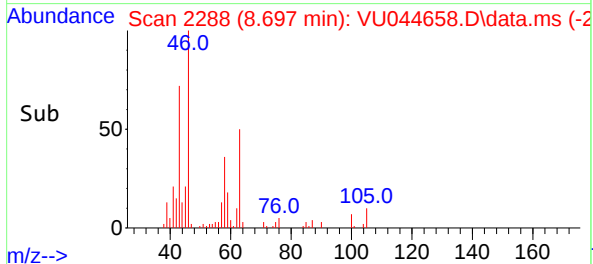
Instrument :
MSVOA_U
ClientSampled :
MDL06



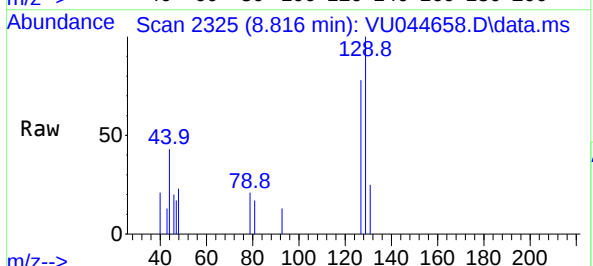
Tgt Ion: 43 Resp: 19194
Ion Ratio Lower Upper
43 100
58 42.9 44.6 66.8#
57 17.3 14.8 22.2
100 7.9 9.0 13.4#

Manual Integrations
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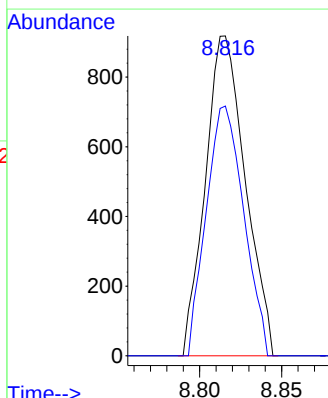
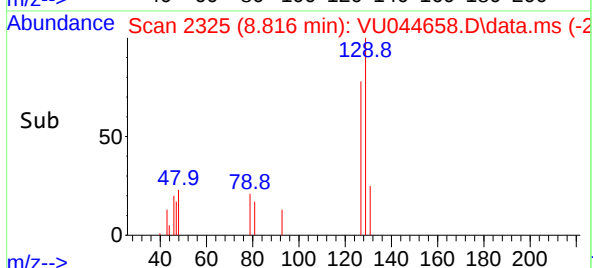
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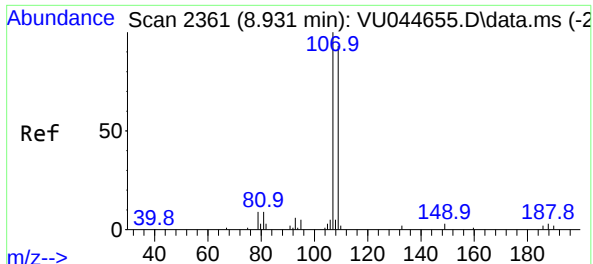


#49
Dibromochloromethane
Concen: 0.211 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



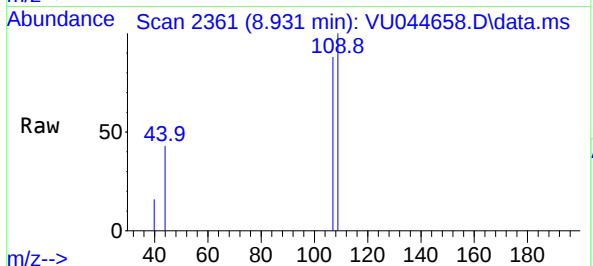
Tgt Ion: 129 Resp: 1554
Ion Ratio Lower Upper
129 100
127 78.1 53.3 99.1





#50
1,2-Dibromoethane
Concen: 0.217 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

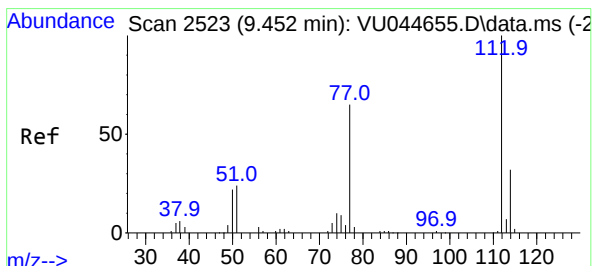
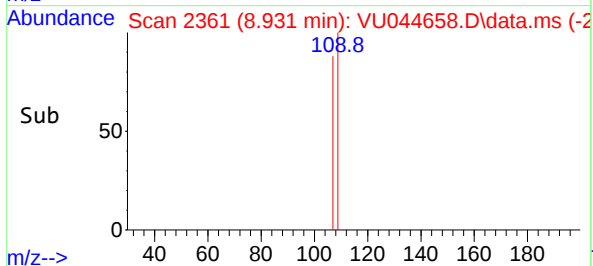
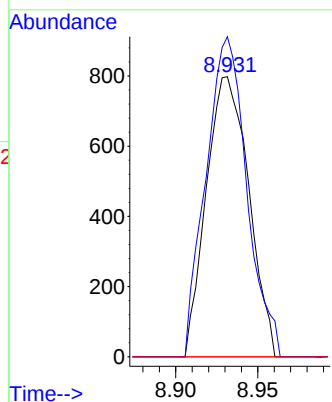
Instrument :
MSVOA_U
ClientSampled :
MDL06



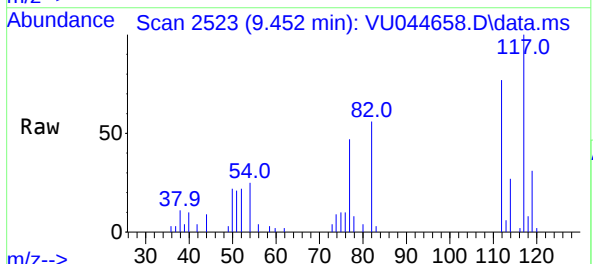
Tgt Ion:107 Resp: 1433
Ion Ratio Lower Upper
107 100
109 114.3 65.5 121.7
188 0.0 3.0 4.4#

Manual Integrations
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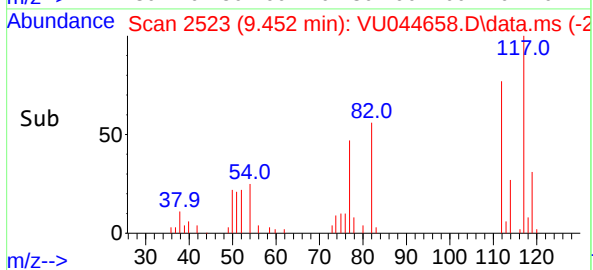
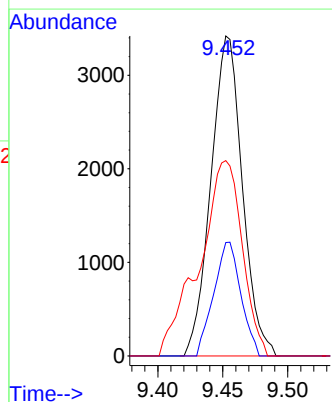
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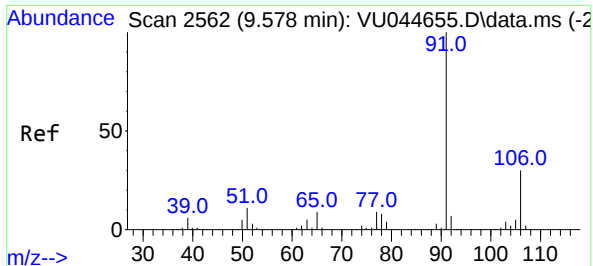


#51
Chlorobenzene
Concen: 0.241 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



Tgt Ion:112 Resp: 5759
Ion Ratio Lower Upper
112 100
114 35.4 22.8 42.4
77 61.0 51.4 77.0





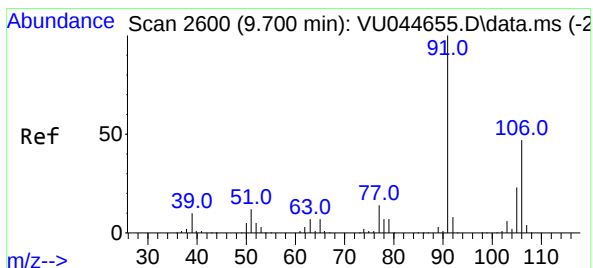
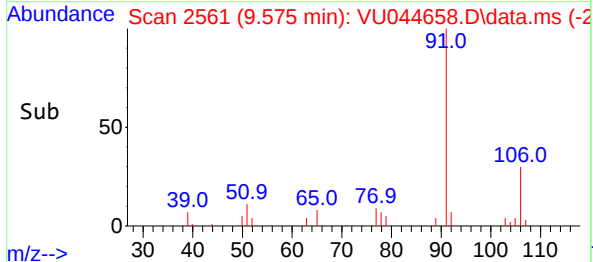
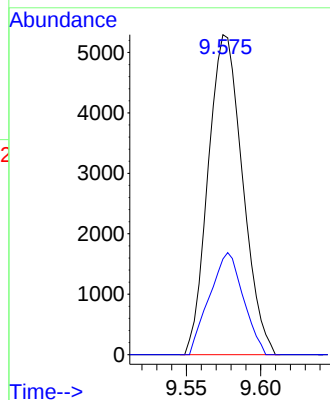
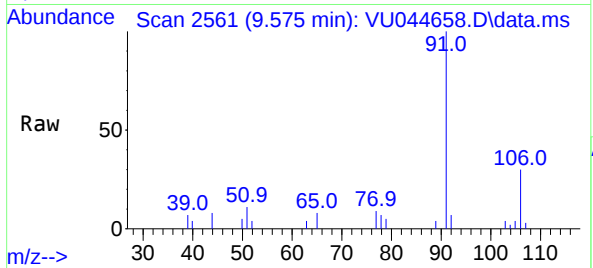
#52
Ethylbenzene
Concen: 0.204 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 91 Resp: 8527
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

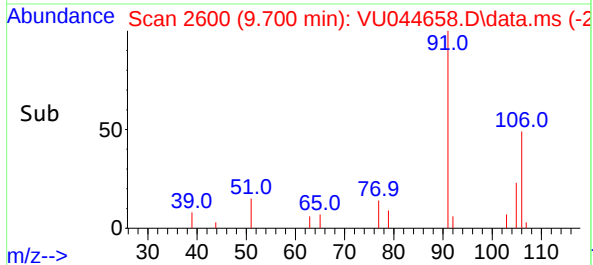
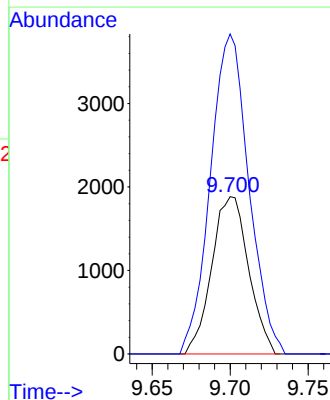
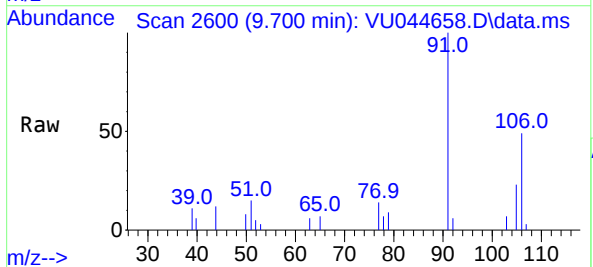
Manual Integrations
APPROVED

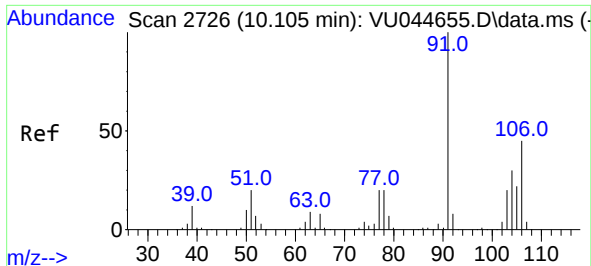
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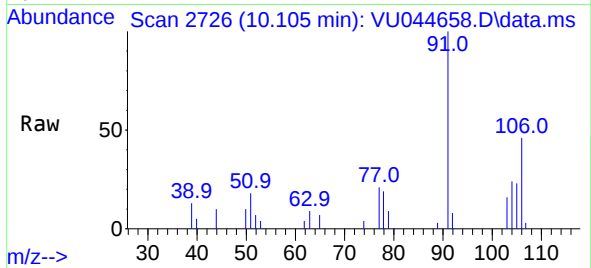
#53
m,p-Xylene
Concen: 0.195 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion: 106 Resp: 3092
Ion Ratio Lower Upper
106 100
91 203.5 144.6 268.6

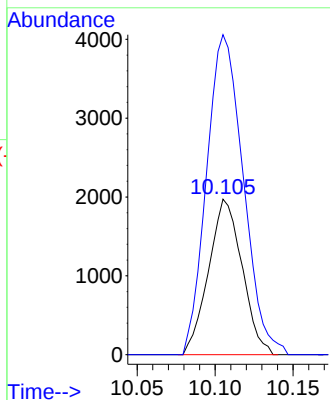
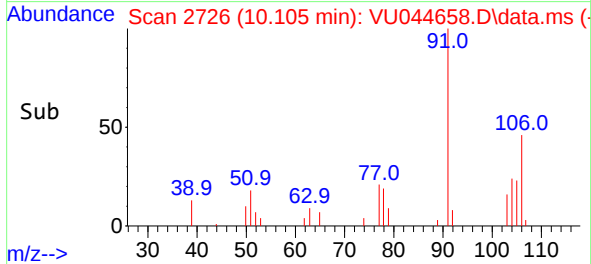




#54
o-Xylene
Concen: 0.195 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



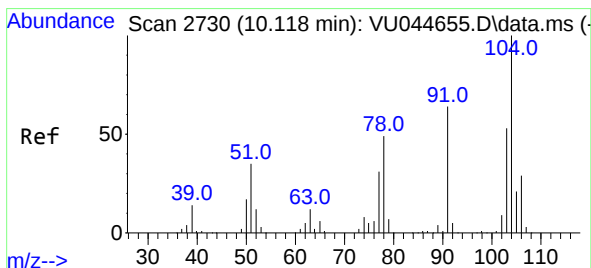
Tgt Ion:106 Resp: 2953
Ion Ratio Lower Upper
106 100
91 205.8 156.2 290.0



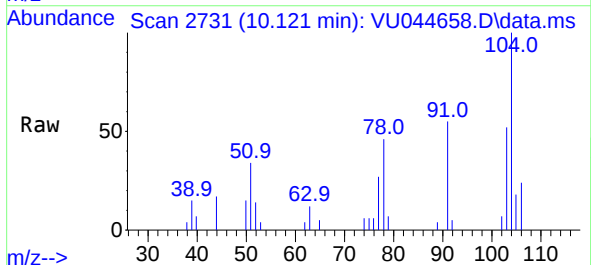
Instrument :
MSVOA_U
ClientSampled :
MDL06

Manual Integrations
APPROVED

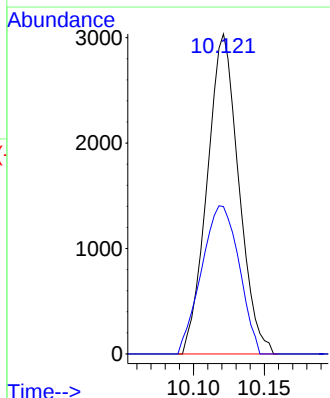
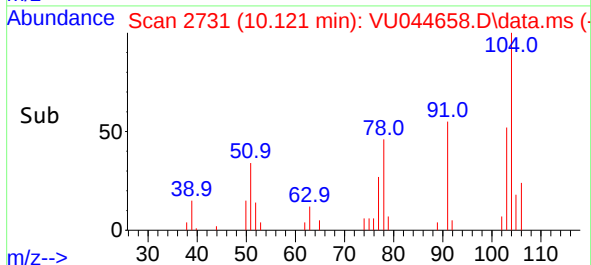
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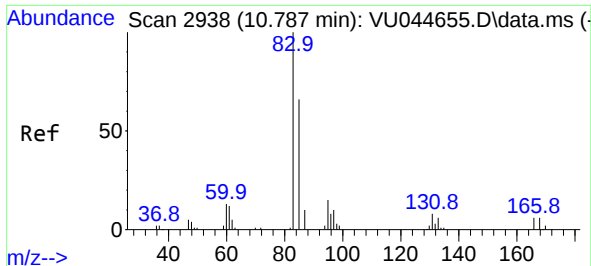


#55
Styrene
Concen: 0.178 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



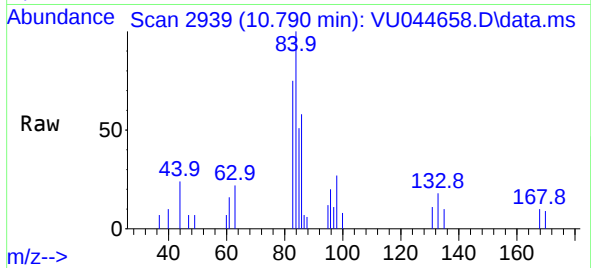
Tgt Ion:104 Resp: 4711
Ion Ratio Lower Upper
104 100
78 46.0 33.6 62.4





#57
1,1,2,2-Tetrachloroethane
Concen: 0.259 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

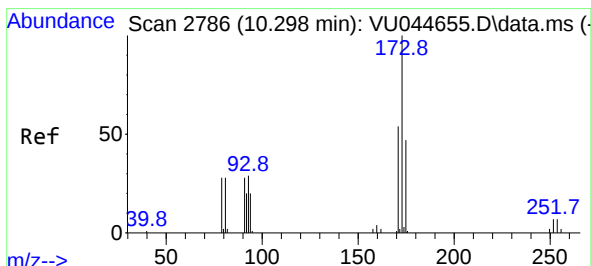
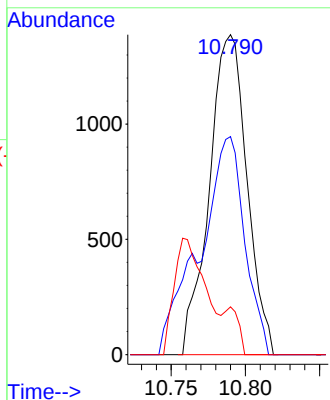
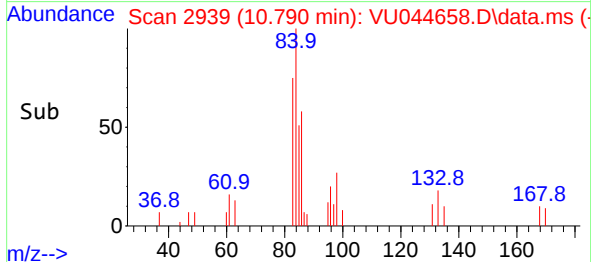
Instrument :
MSVOA_U
ClientSampled :
MDL06



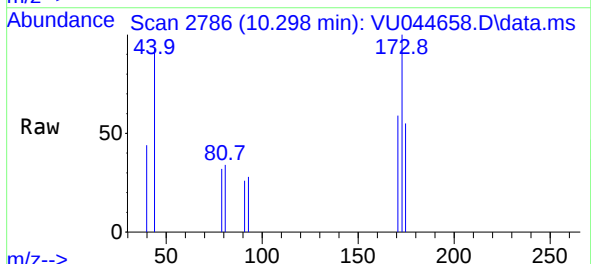
Tgt Ion: 83 Resp: 2448
Ion Ratio Lower Upper
83 100
85 68.2 44.5 82.7
131 14.9 6.6 10.0#

Manual Integrations
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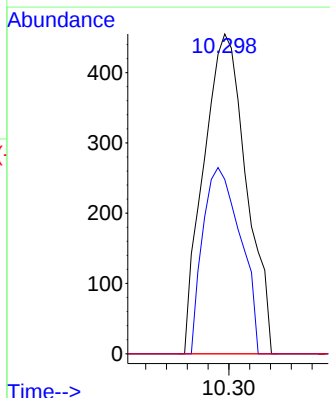
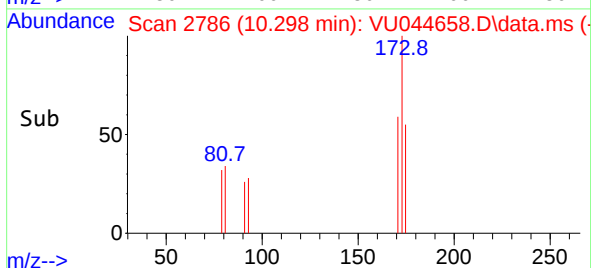
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9/17/2021 4:35:10 PM

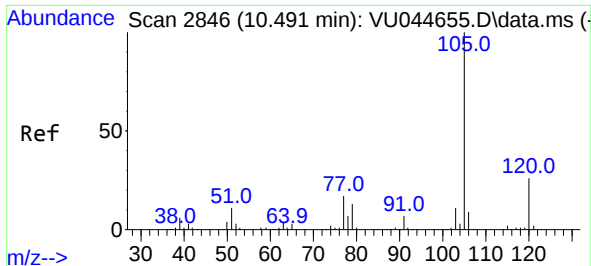


#59
Bromoform
Concen: 0.186 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

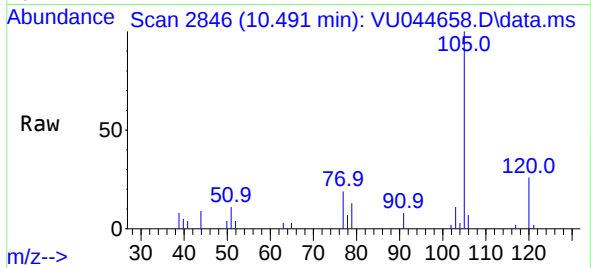


Tgt Ion: 173 Resp: 649
Ion Ratio Lower Upper
173 100
175 51.3 38.8 58.2
254 0.0 4.9 7.3#

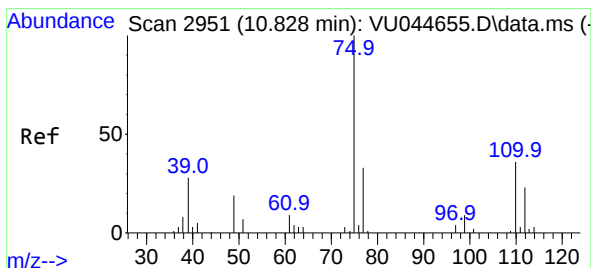
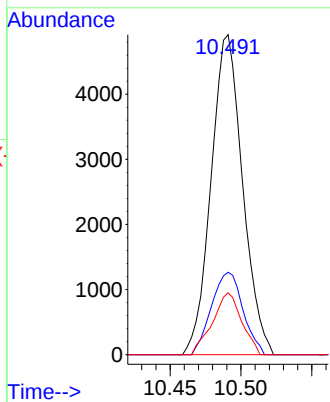
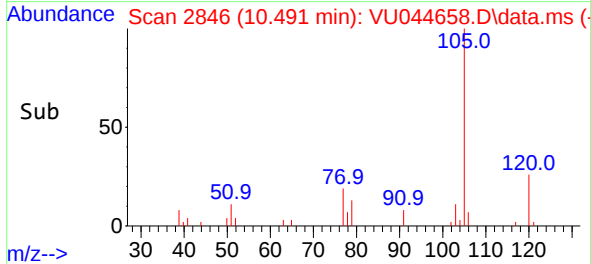




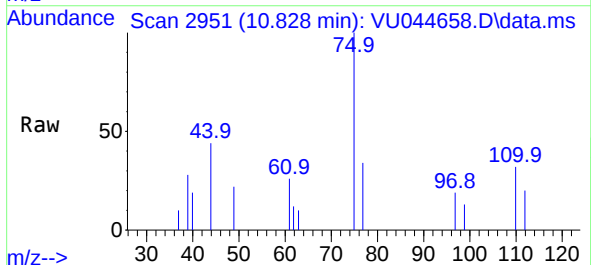
#60
Isopropylbenzene
Concen: 0.217 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



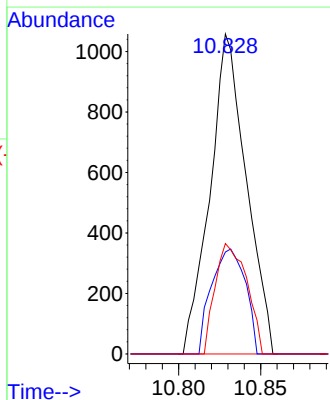
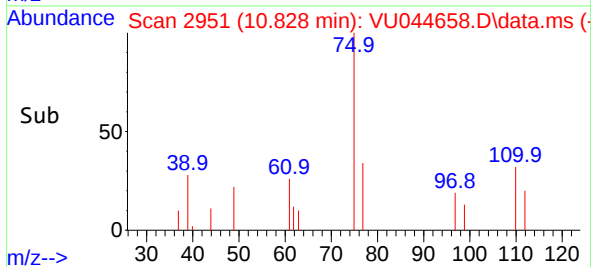
Tgt Ion: 105 Resp: 7601
Ion Ratio Lower Upper
105 100
120 25.8 20.2 30.2
77 17.9 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 0.262 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



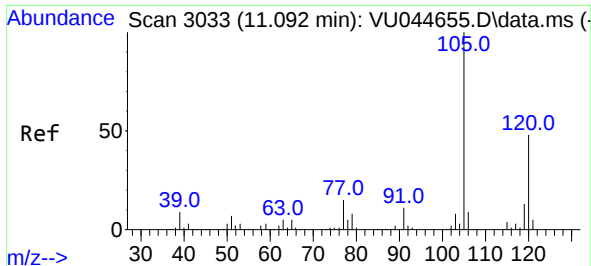
Tgt Ion: 75 Resp: 1623
Ion Ratio Lower Upper
75 100
110 30.6 28.8 43.2
77 30.0 25.9 38.9



Instrument :
MSVOA_U
ClientSampled :
MDL06

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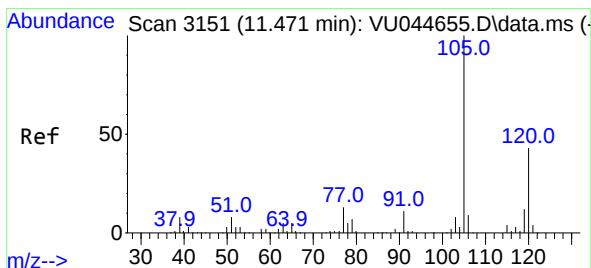
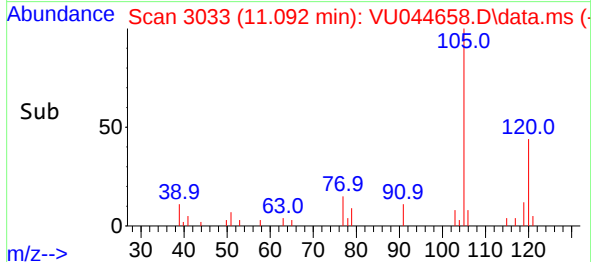
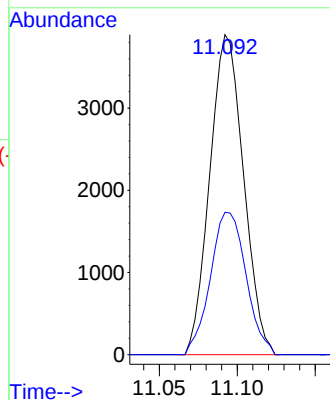
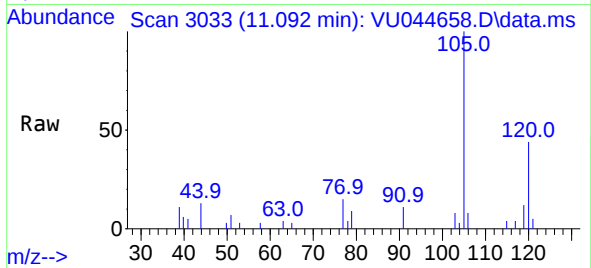
#62
1,3,5-Trimethylbenzene
Concen: 0.201 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion:105 Resp: 5863
Ion Ratio Lower Upper
105 100
120 47.0 38.2 57.2

Instrument :
MSVOA_U
ClientSampled :
MDL06

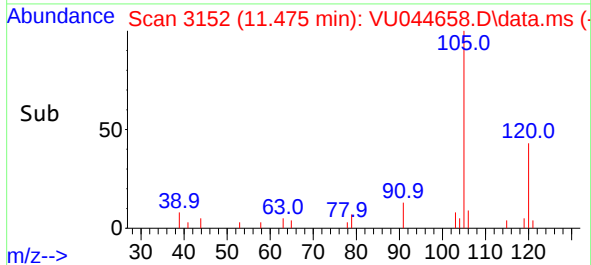
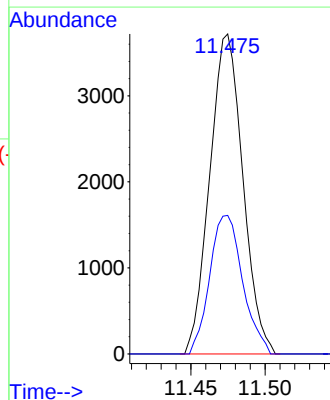
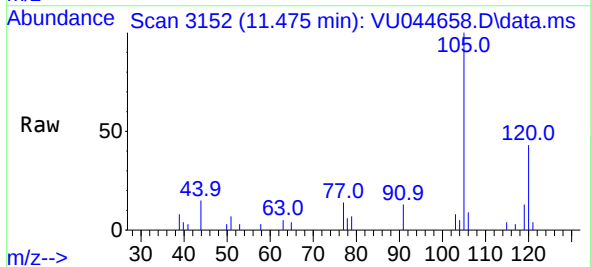
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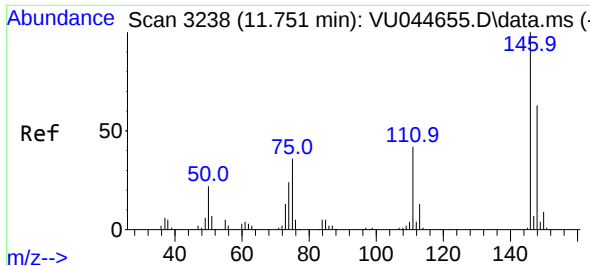
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#63
1,2,4-Trimethylbenzene
Concen: 0.193 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion:105 Resp: 5767
Ion Ratio Lower Upper
105 100
120 43.0 35.4 53.2





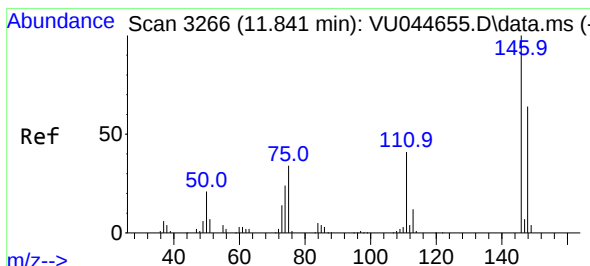
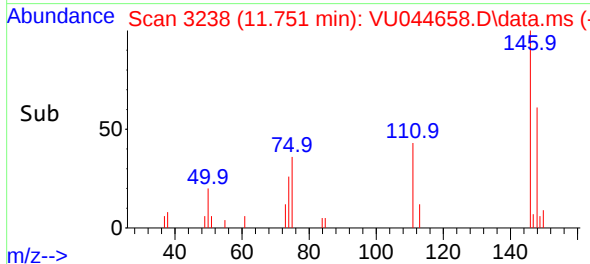
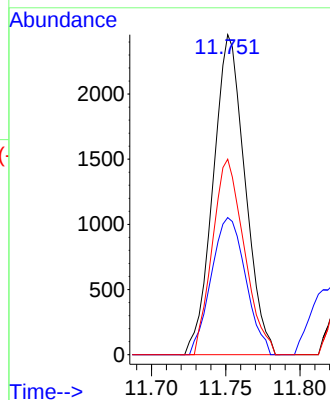
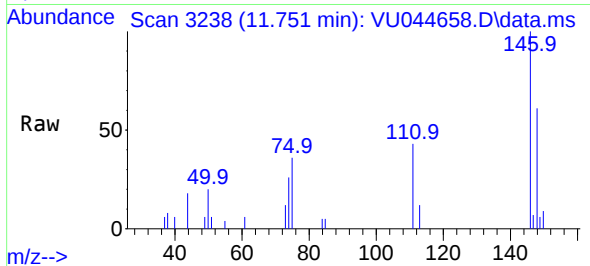
#64
1,3-Dichlorobenzene
Concen: 0.224 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

Tgt Ion:146 Resp: 3667
Ion Ratio Lower Upper
146 100
111 42.8 29.8 55.4
148 61.1 45.2 84.0

Instrument :
MSVOA_U
ClientSampled :
MDL06

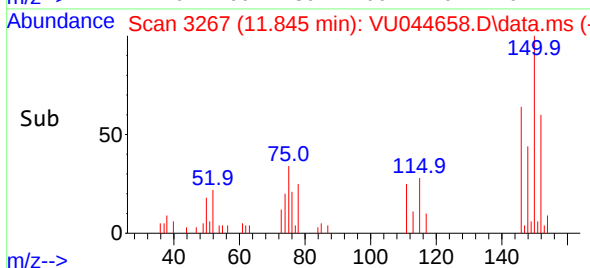
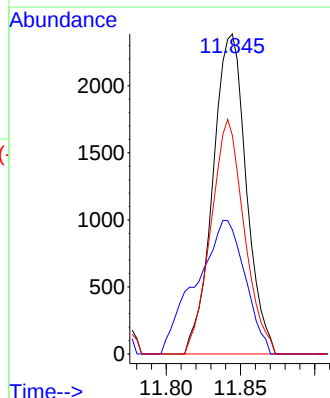
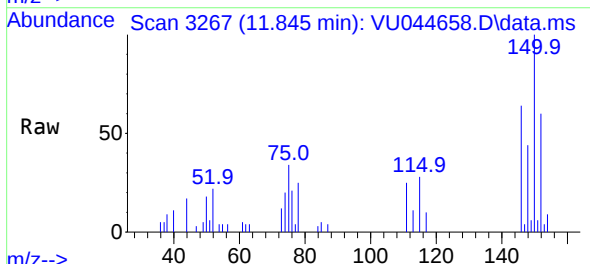
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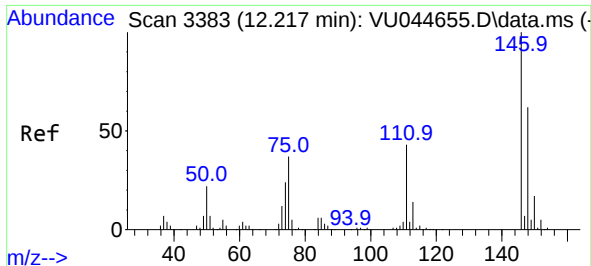
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#65
1,4-Dichlorobenzene
Concen: 0.221 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

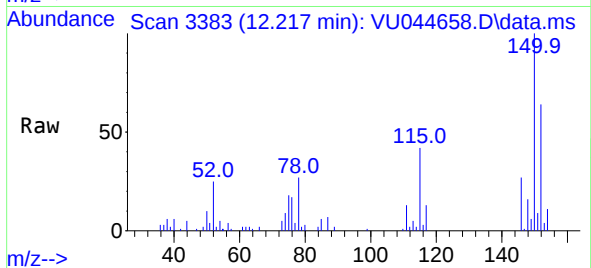
Tgt Ion:146 Resp: 3734
Ion Ratio Lower Upper
146 100
111 38.8 28.7 53.3
148 68.3 45.4 84.4





#67
1,2-Dichlorobenzene
Concen: 0.251 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

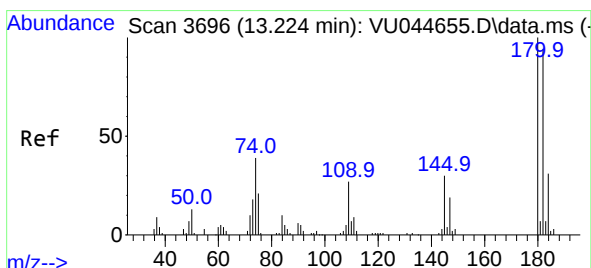
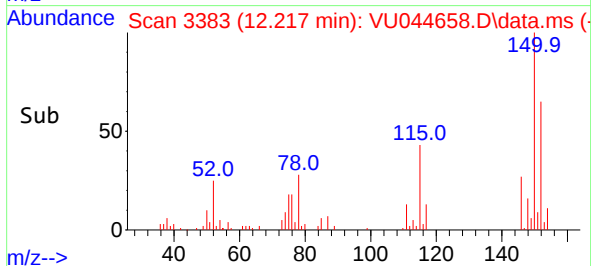
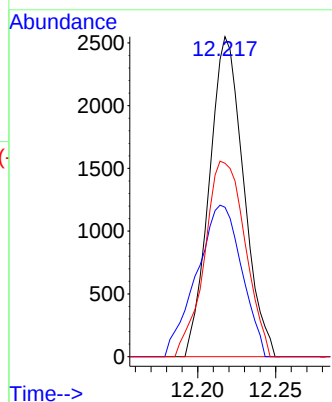
Instrument :
MSVOA_U
ClientSampled :
MDL06



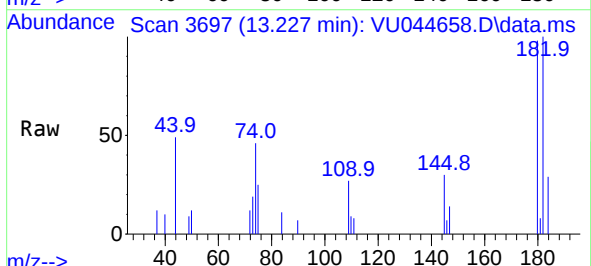
Tgt Ion:146 Resp: 3890
Ion Ratio Lower Upper
146 100
111 46.7 34.6 51.8
148 60.4 51.3 76.9

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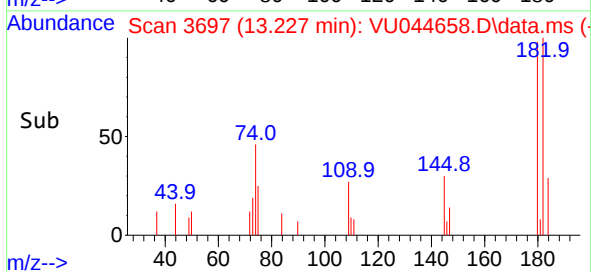
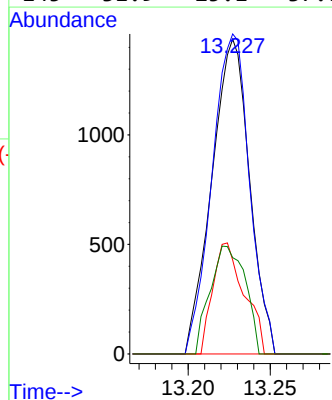
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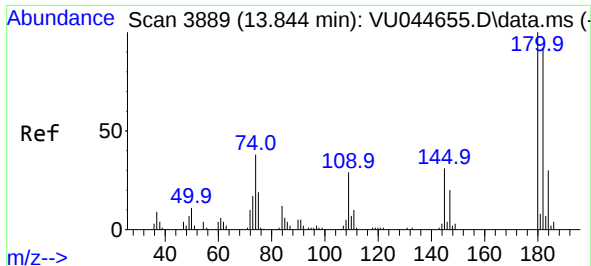


#69
1,3,5-Trichlorobenzene
Concen: 0.184 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



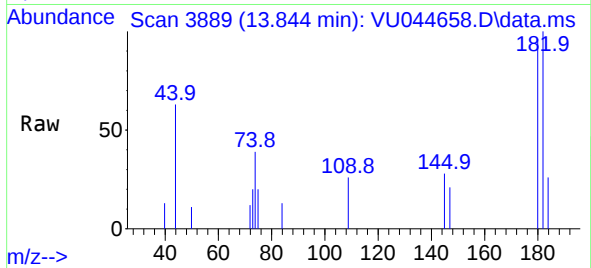
Tgt Ion:180 Resp: 2291
Ion Ratio Lower Upper
180 100
182 100.9 76.9 115.3
184 29.5 24.1 36.1
145 31.9 25.1 37.7





#70
1,2,4-trichlorobenzene
Concen: 0.172 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25

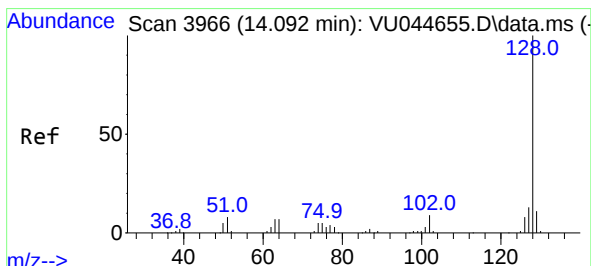
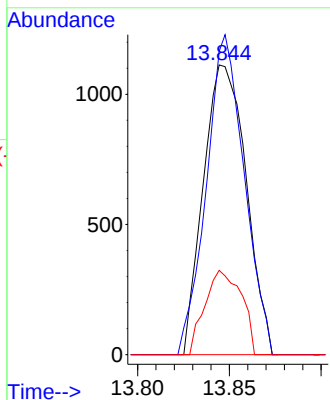
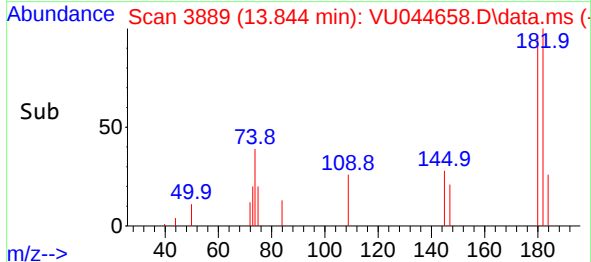
Instrument :
MSVOA_U
ClientSampled :
MDL06



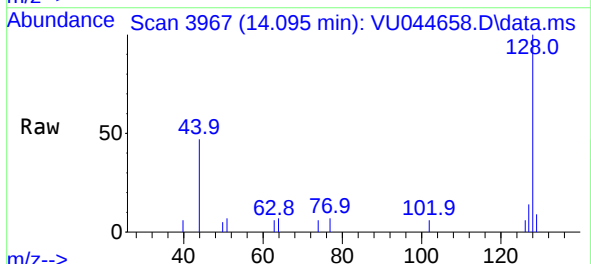
Tgt Ion:180 Resp: 1802
Ion Ratio Lower Upper
180 100
182 97.8 75.4 113.0
145 24.8 25.2 37.8#

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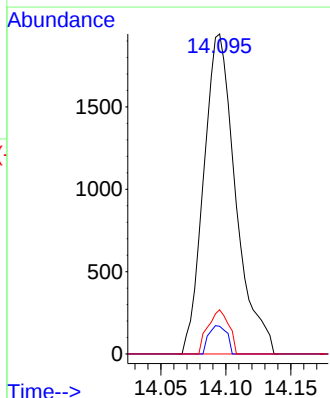
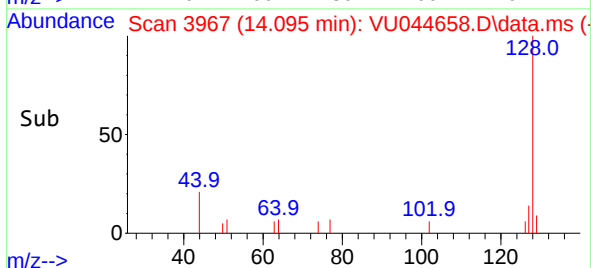
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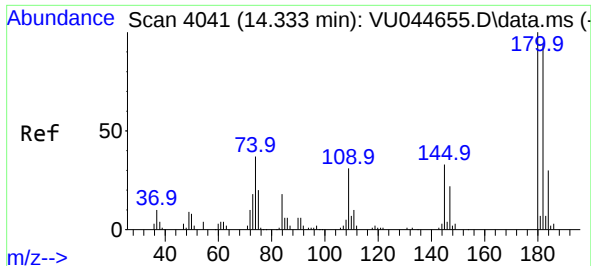


#71
Naphthalene
Concen: 0.162 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044658.D
Acq: 16 Sep 2021 13:25



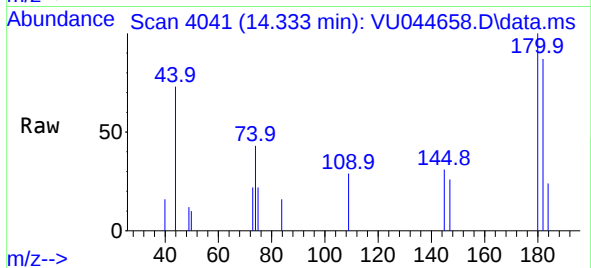
Tgt Ion:128 Resp: 3323
Ion Ratio Lower Upper
128 100
129 5.0 8.7 13.1#
127 9.0 10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.173 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VU044658.D
 Acq: 16 Sep 2021 13:25

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06



Tgt Ion:	180	Resp:	1666
Ion Ratio	Lower	Upper	
180	100		
182	98.7	75.9	113.9
145	31.6	27.0	40.6

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