

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044628.D
 Acq On : 14 Sep 2021 14:24
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

MMDadoda

9/15/2021 9:54:49 AM

Quant Time: Sep 15 01:43:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	136447	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	138922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	66710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33549	4.167	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.919	69	36499	4.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.575	65	18139	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.645	46	165202m	48.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.900%
24) Chloroform-d	5.073	84	78792	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.713	65	48440	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.735	84	156627	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.697	67	54878	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.906	98	129592	4.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.185	79	17958	4.379	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.645	63	122754	46.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.160%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	47750	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	49205	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1890	0.174	ug/L	99
3) Chloromethane	1.523	50	2624	0.201	ug/L	91
5) Vinyl chloride	1.607	62	2666	0.200	ug/L #	66
6) Bromomethane	1.861	94	1390	0.203	ug/L	92
8) Chloroethane	1.941	64	2102	0.247	ug/L	86
9) Trichlorofluoromethane	2.144	101	2990	0.199	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2209	0.240	ug/L	87
12) 1,1-Dichloroethene	2.588	96	2009	0.229	ug/L #	1
13) Acetone	2.655	43	2728m	1.241	ug/L	
14) Carbon disulfide	2.800	76	5068	0.183	ug/L	98
15) Methyl Acetate	2.967	43	1134	0.286	ug/L #	49
16) Methylene chloride	3.054	84	6589	0.473	ug/L	95
17) Methyl tert-butyl Ether	3.378	73	4679	0.193	ug/L #	91
18) trans-1,2-Dichloroethene	3.366	96	1760	0.189	ug/L	95
19) 1,1-Dichloroethane	3.877	63	3619	0.192	ug/L	98
22) cis-1,2-Dichloroethene	4.684	96	1937	0.189	ug/L	86
23) Bromochloromethane	4.986	128	754	0.173	ug/L #	87
25) Chloroform	5.099	83	8786	0.438	ug/L	90
27) 1,2-Dichloroethane	5.806	62	2485	0.189	ug/L #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.321	97	2783	0.184	ug/L	94
30) Cyclohexane	5.401	56	2776	0.160	ug/L	89
31) Carbon tetrachloride	5.530	117	2140	0.181	ug/L	99
33) Benzene	5.784	78	7811	0.189	ug/L	100
34) Trichloroethene	6.552	95	1899	0.186	ug/L	91
35) Methylcyclohexane	6.767	83	3285	0.196	ug/L	87
37) 1,2-Dichloropropane	6.800	63	2227	0.202	ug/L #	88
38) Bromodichloromethane	7.115	83	2449	0.183	ug/L #	94
39) cis-1,3-Dichloropropene	7.616	75	2863	0.183	ug/L	86
40) 4-Methyl-2-pentanone	7.803	43	14941	1.737	ug/L #	89
42) Toluene	7.976	91	9648	0.224	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	3015m	0.226	ug/L	
45) 1,1,2-Trichloroethane	8.407	97	1516	0.193	ug/L	96
47) Tetrachloroethene	8.558	164	1378	0.194	ug/L	91
48) 2-Hexanone	8.697	43	18313	2.861	ug/L #	94
49) Dibromochloromethane	8.812	129	1323	0.160	ug/L	89
50) 1,2-Dibromoethane	8.931	107	1332	0.180	ug/L #	96
51) Chlorobenzene	9.452	112	4956	0.186	ug/L	96
52) Ethylbenzene	9.574	91	8275	0.177	ug/L	98
53) m,p-Xylene	9.697	106	3052	0.172	ug/L	84
54) o-Xylene	10.105	106	2747	0.162	ug/L	91
55) Styrene	10.121	104	4526	0.153	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	2224	0.211	ug/L	87
59) Bromoform	10.295	173	686	0.165	ug/L #	84
60) Isopropylbenzene	10.491	105	7261	0.174	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	1461	0.198	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	5738	0.165	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	5930	0.166	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	3787	0.195	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	4020	0.200	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	3705	0.200	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	2729m	0.184	ug/L	
70) 1,2,4-trichlorobenzene	13.848	180	1878	0.150	ug/L	91
71) Naphthalene	14.092	128	3622	0.149	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.336	180	1806	0.157	ug/L	99

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

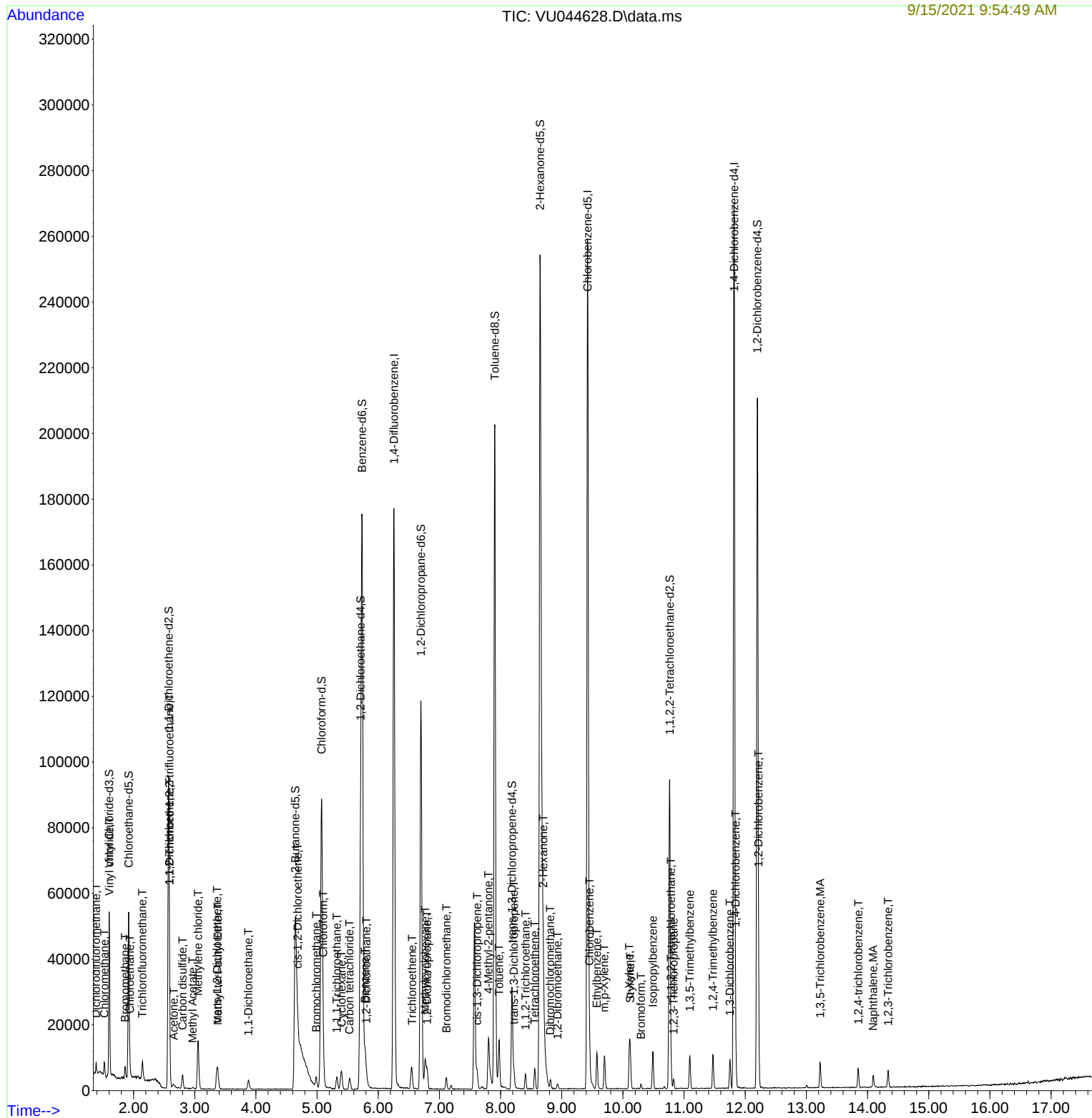
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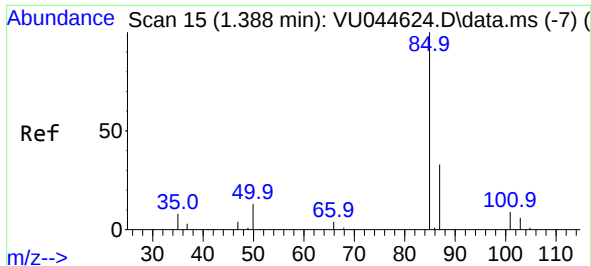
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#2
Dichlorodifluoromethane
Concen: 0.174 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

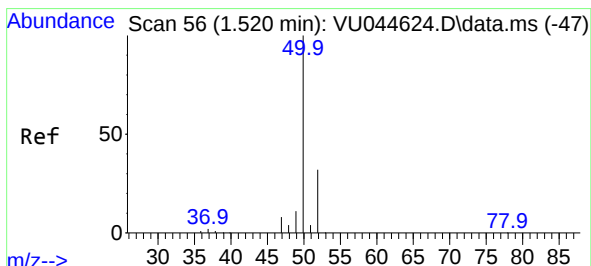
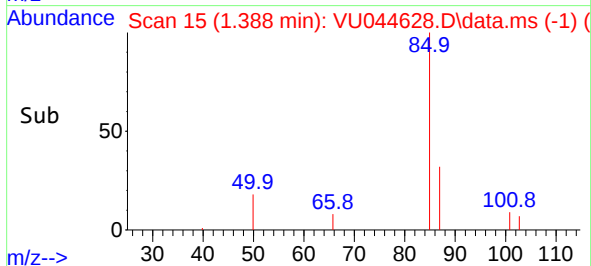
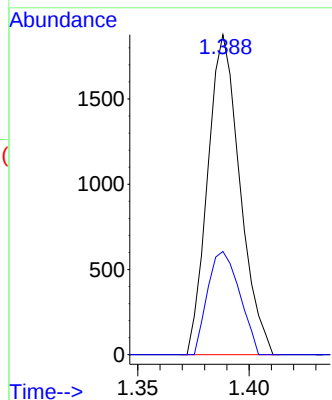
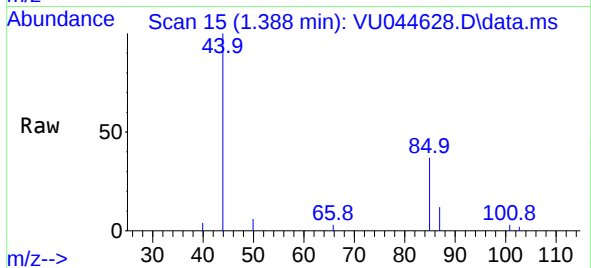
Tgt Ion: 85 Resp: 1890
Ion Ratio Lower Upper
85 100
87 31.9 26.0 39.0

Instrument :
MSVOA_U
ClientSampled :
MDL02

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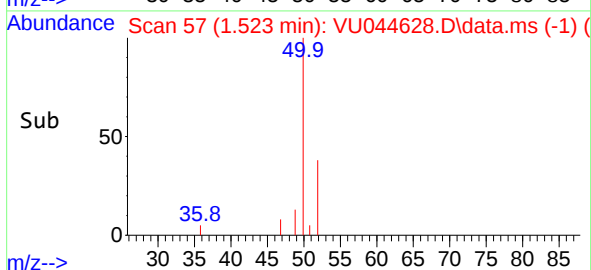
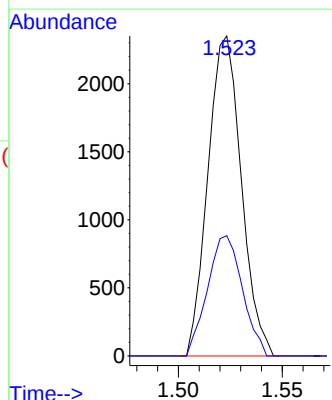
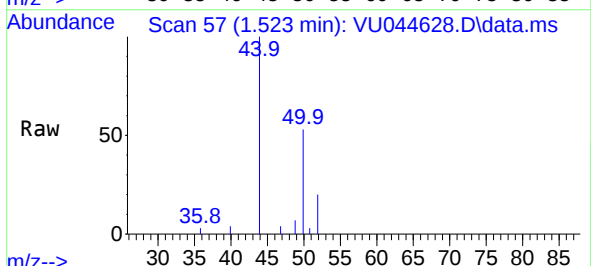
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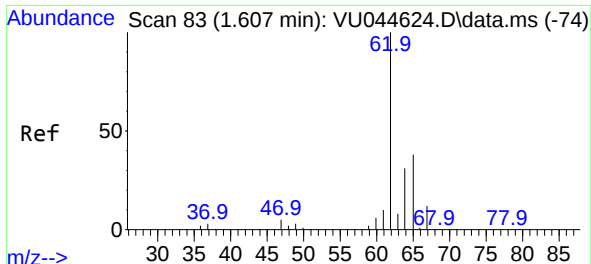
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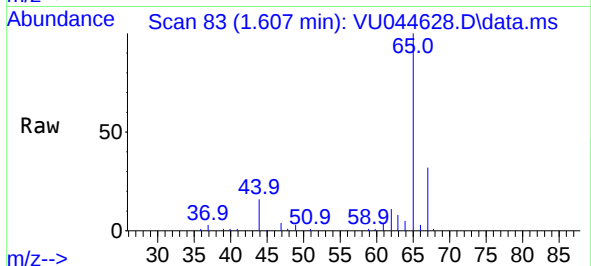
#3
Chloromethane
Concen: 0.201 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 50 Resp: 2624
Ion Ratio Lower Upper
50 100
52 37.6 22.6 42.0

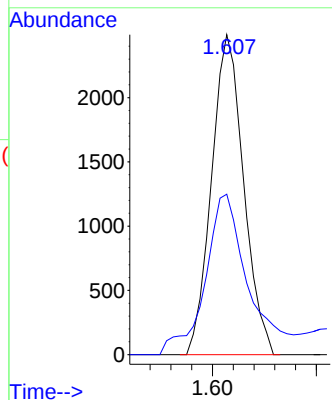
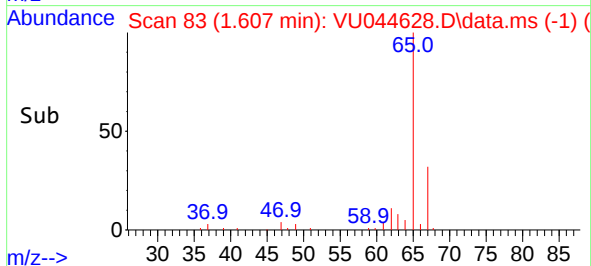




#5
 Vinyl chloride
 Concen: 0.200 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044628.D
 Acq: 14 Sep 2021 14:24



Tgt Ion: 62 Resp: 2666
 Ion Ratio Lower Upper
 62 100
 64 50.2 22.0 40.8#

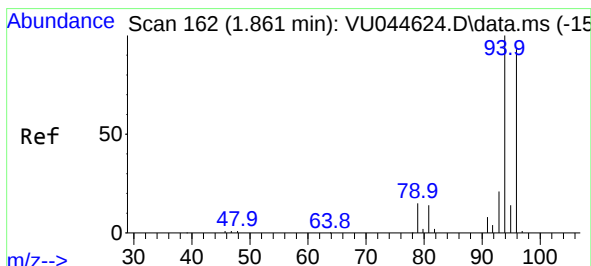


Instrument :
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 ClientSampled :
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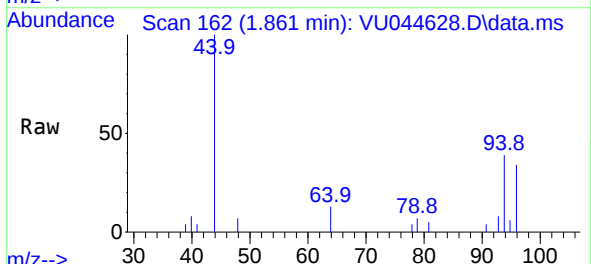
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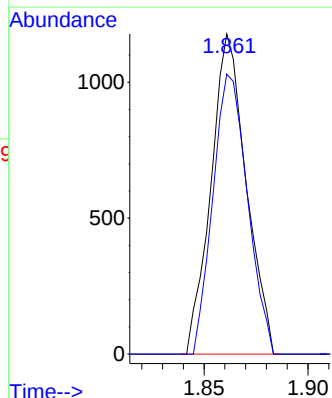
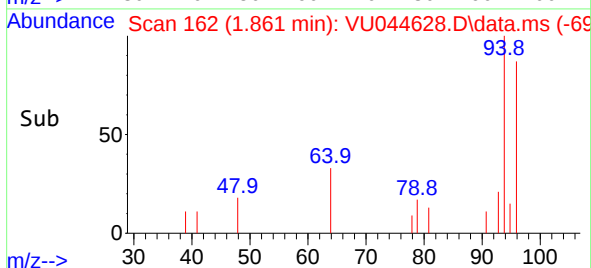
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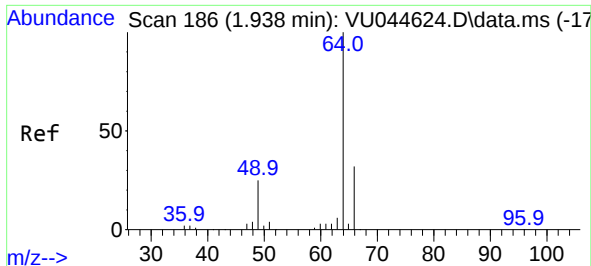


#6
 Bromomethane
 Concen: 0.203 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044628.D
 Acq: 14 Sep 2021 14:24



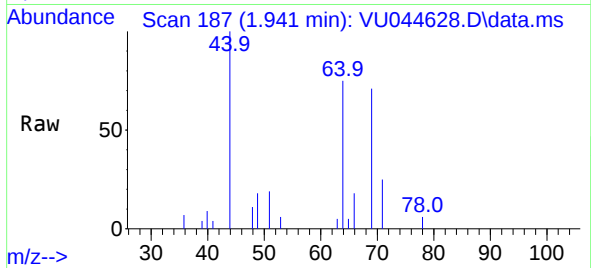
Tgt Ion: 94 Resp: 1390
 Ion Ratio Lower Upper
 94 100
 96 87.4 66.4 123.4





#8
Chloroethane
Concen: 0.247 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Instrument :
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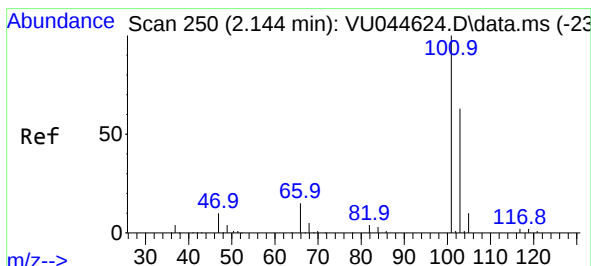
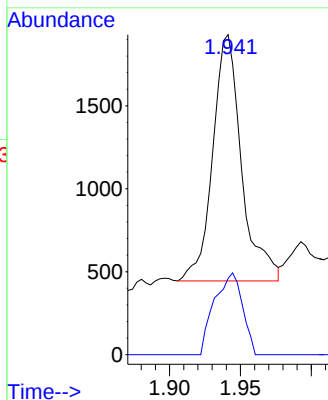
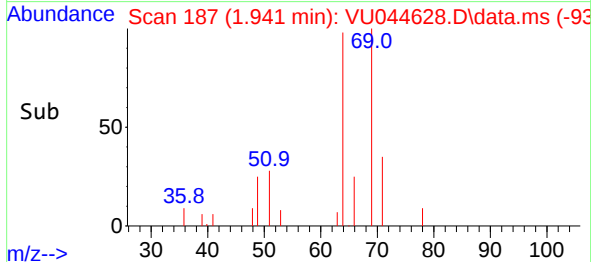


Tgt Ion: 64 Resp: 2102
Ion Ratio Lower Upper
64 100
66 23.8 22.1 41.1

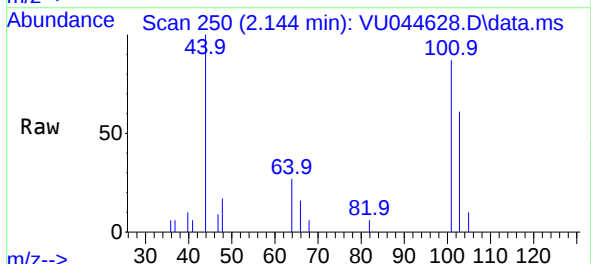
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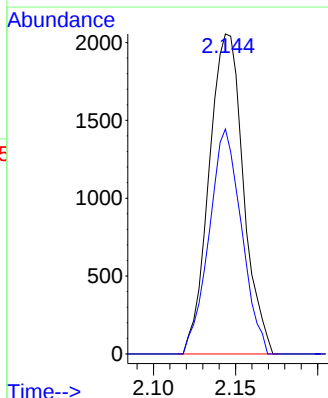
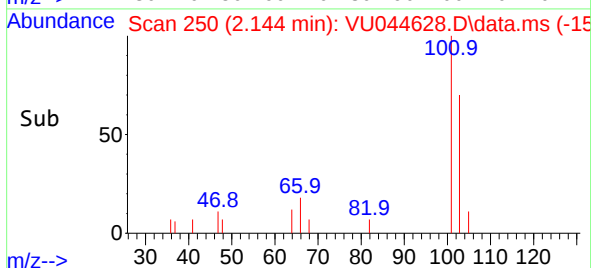
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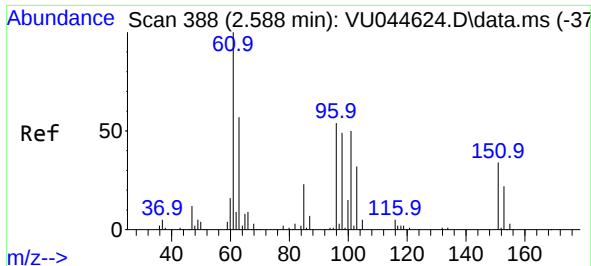


#9
Trichlorofluoromethane
Concen: 0.199 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24



Tgt Ion: 101 Resp: 2990
Ion Ratio Lower Upper
101 100
103 66.2 51.2 76.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.240 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

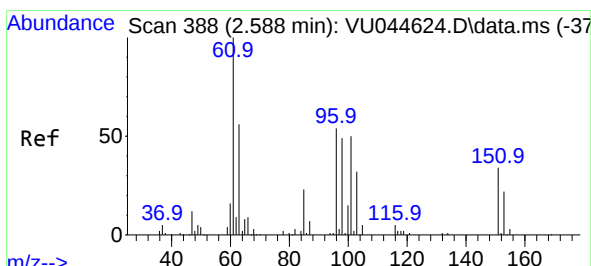
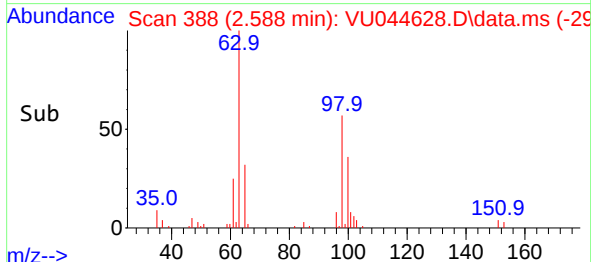
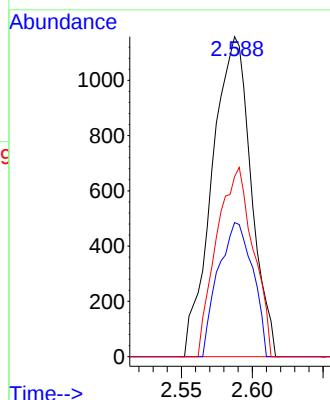
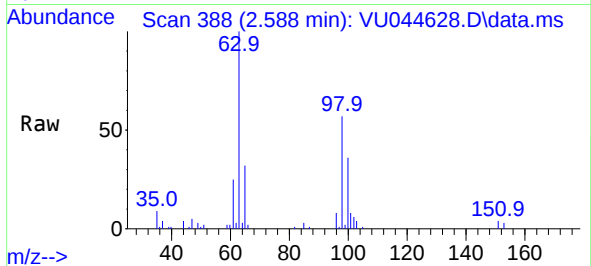
Tgt Ion: 101 Resp: 2209
Ion Ratio Lower Upper
101 100
85 37.2 35.4 53.2
151 55.7 53.9 80.9

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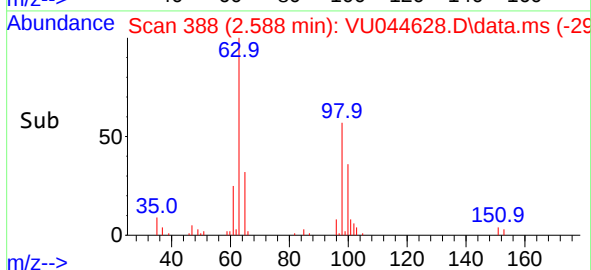
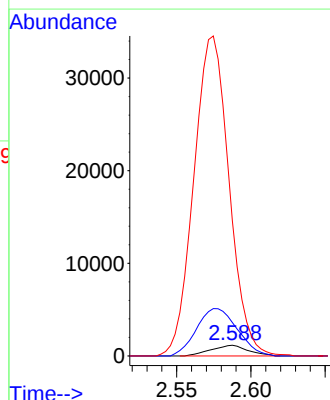
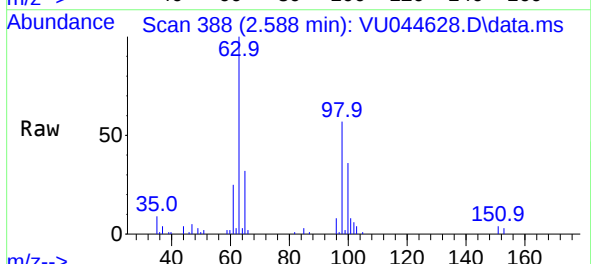
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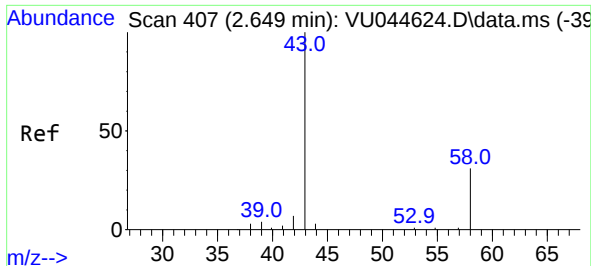
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#12
1,1-Dichloroethene
Concen: 0.229 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 96 Resp: 2009
Ion Ratio Lower Upper
96 100
61 309.8 129.3 240.1#
63 1252.1 91.3 169.5#





#13
Acetone
Concen: 1.241 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. 0.006 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

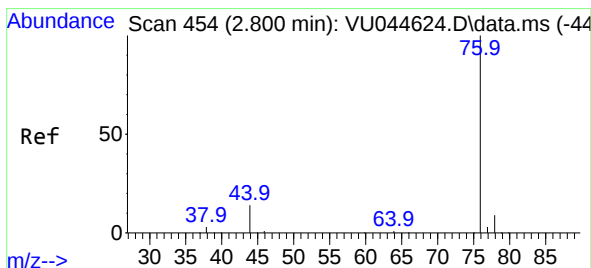
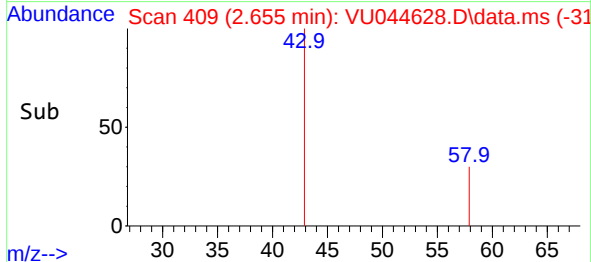
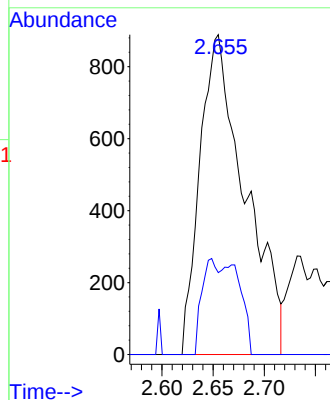
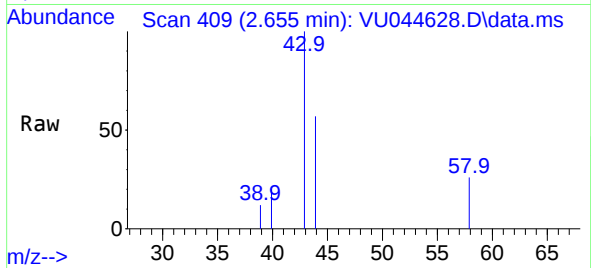
Tgt Ion: 43 Resp: 2728
Ion Ratio Lower Upper
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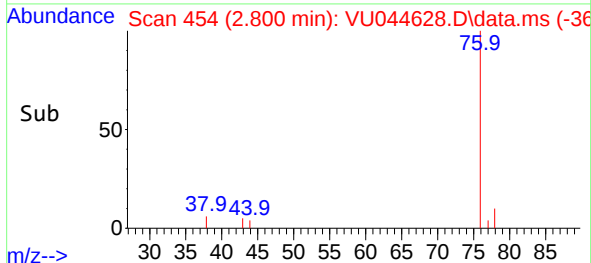
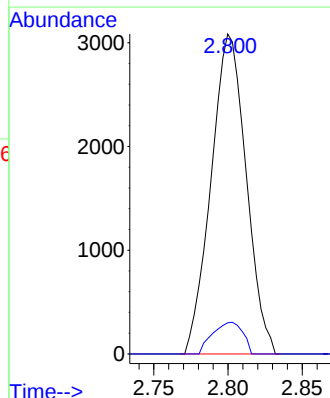
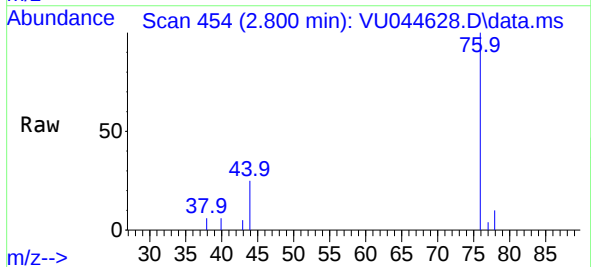
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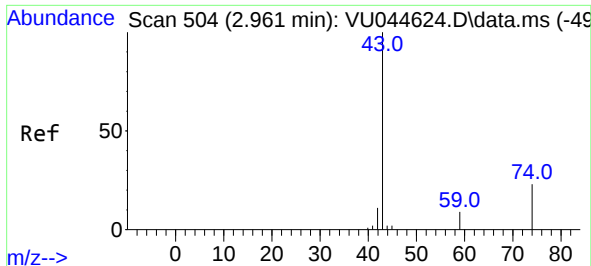
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#14
Carbon disulfide
Concen: 0.183 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 76 Resp: 5068
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0





#15
Methyl Acetate
Concen: 0.286 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.006 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

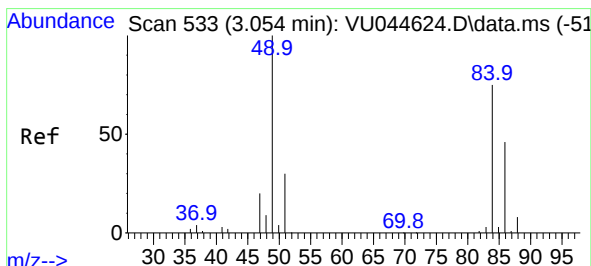
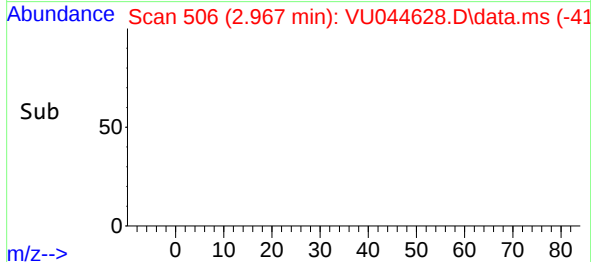
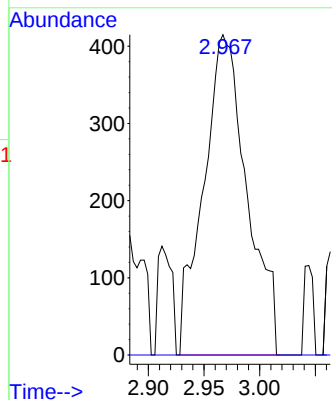
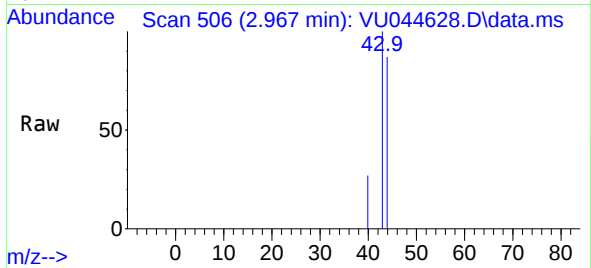
Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
APPROVED

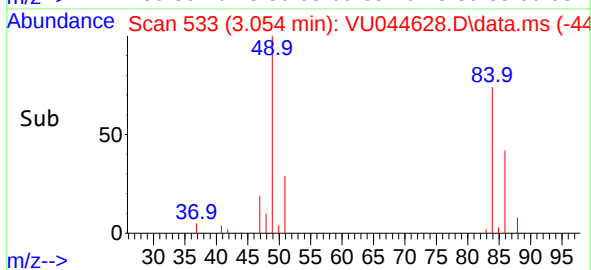
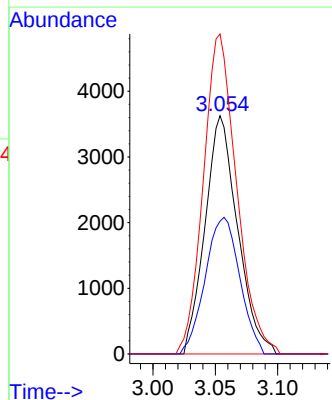
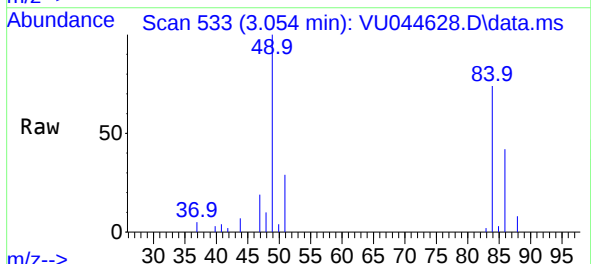
MMDadoda

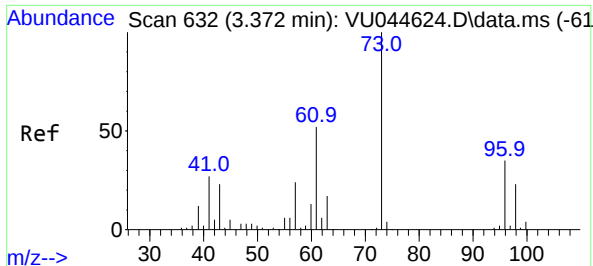
9/15/2021 9:54:49 AM



#16
Methylene chloride
Concen: 0.473 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 84 Resp: 6589
Ion Ratio Lower Upper
84 100
86 55.8 45.8 85.2
49 134.3 92.9 172.5





#17
Methyl tert-butyl Ether
Concen: 0.193 ug/L
RT: 3.378 min Scan# 634
Delta R.T. 0.006 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

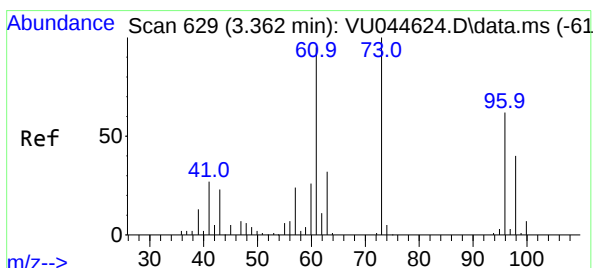
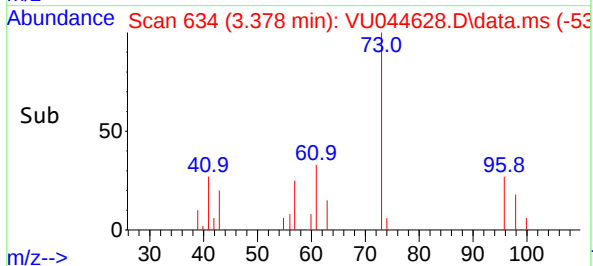
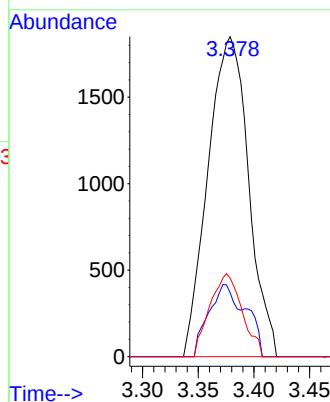
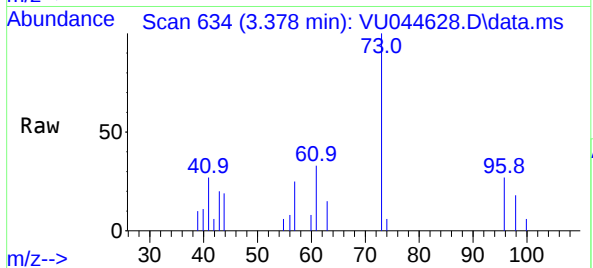
Tgt Ion: 73	Resp: 4679
Ion Ratio	Lower Upper
73 100	
43 15.6	17.8 26.6#
57 20.6	18.6 27.8

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
APPROVED

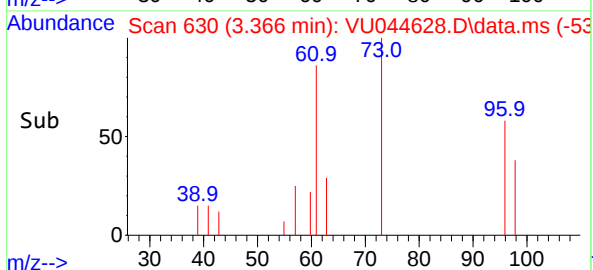
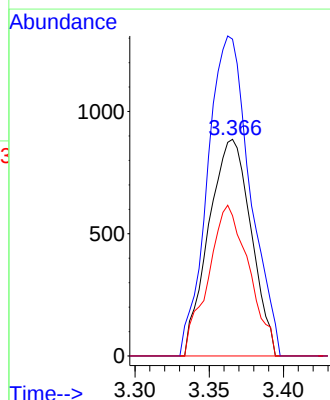
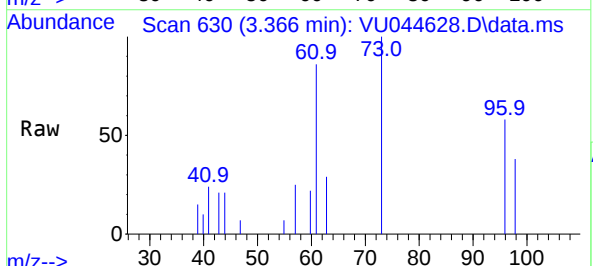
MMDadoda

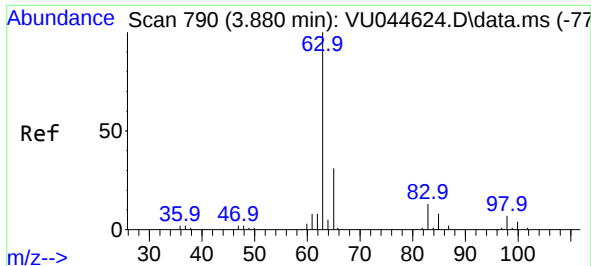
9/15/2021 9:54:49 AM



#18
trans-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 96	Resp: 1760		
Ion Ratio	Lower	Upper	
96	100		
61	146.3	107.2	199.0
98	64.8	42.8	79.6





#19
1,1-Dichloroethane
Concen: 0.192 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

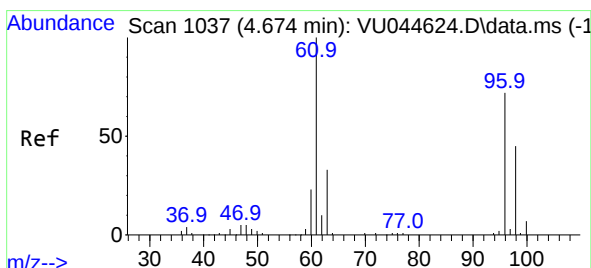
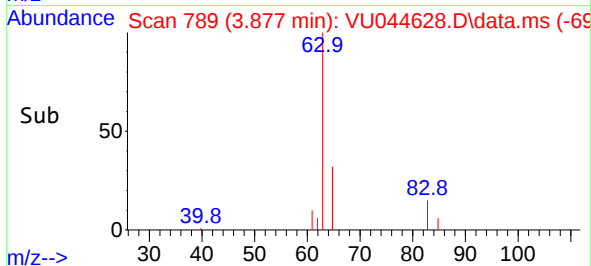
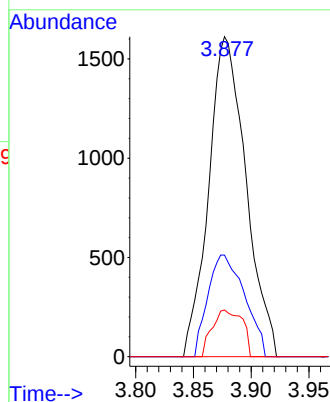
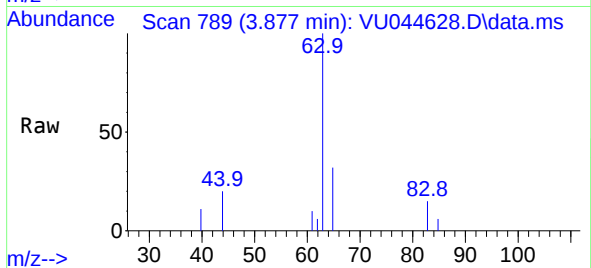
Tgt Ion:	63	Resp:	3619
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.8	40.6
83	14.6	8.8	16.3

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
APPROVED

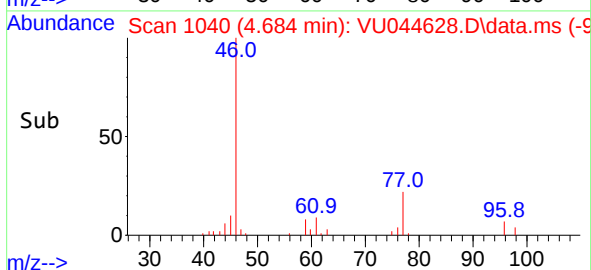
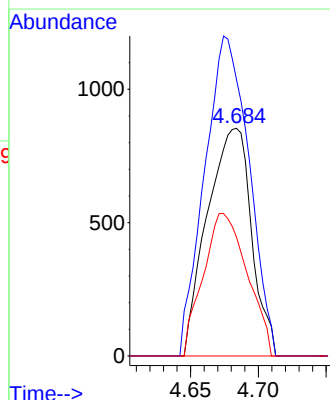
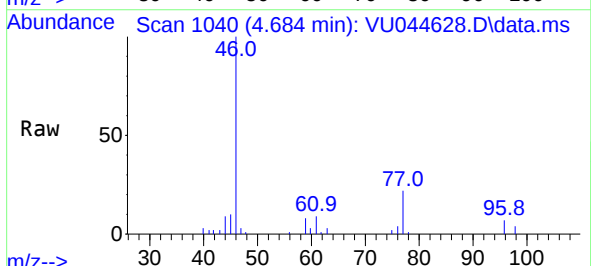
MMDadoda

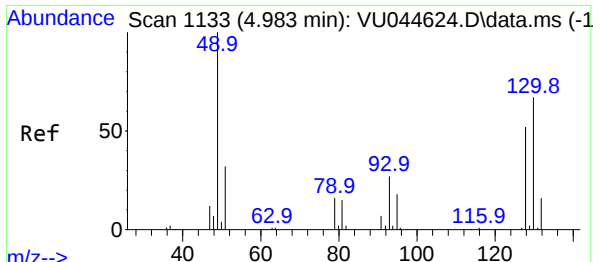
9/15/2021 9:54:49 AM



#22
cis-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.010 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion:	96	Resp:	1937
Ion	Ratio	Lower	Upper
96	100		
61	121.3	96.9	179.9
98	52.1	43.5	80.7





#23
Bromochloromethane
Concen: 0.173 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

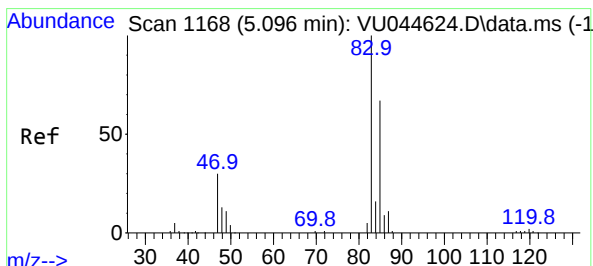
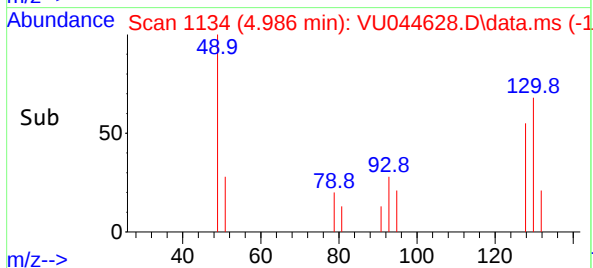
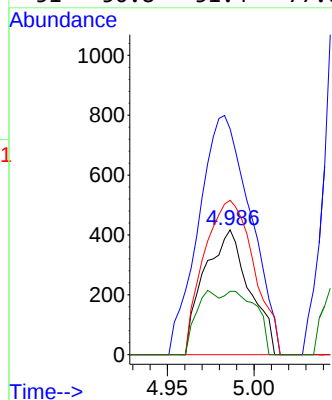
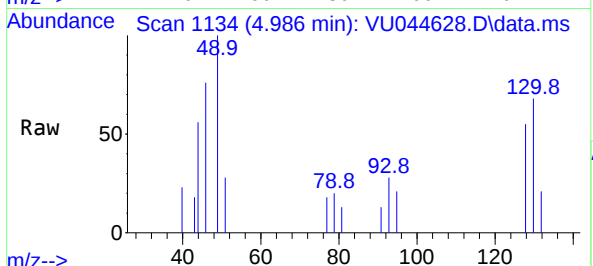
Tgt Ion:	128	Resp:	754
Ion	Ratio	Lower	Upper
128	100		
49	180.8	141.4	262.6
130	123.7	94.3	175.1
51	50.8	51.4	77.0#

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
APPROVED

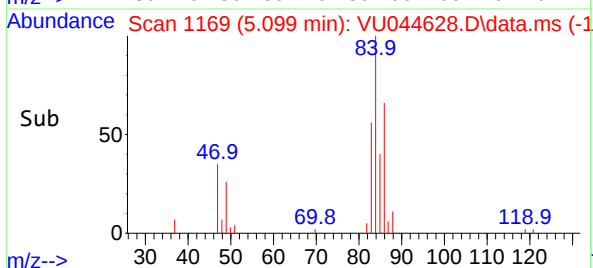
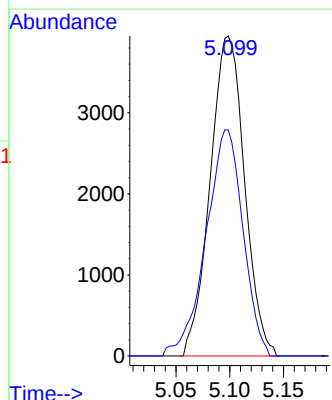
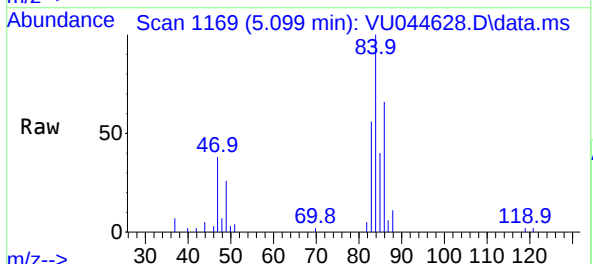
MMDadoda

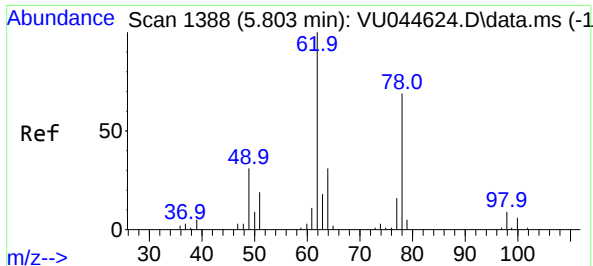
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#25
Chloroform
Concen: 0.438 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion:	83	Resp:	8786
Ion	Ratio	Lower	Upper
83	100		
85	70.5	44.2	82.0





#27
1,2-Dichloroethane
Concen: 0.189 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

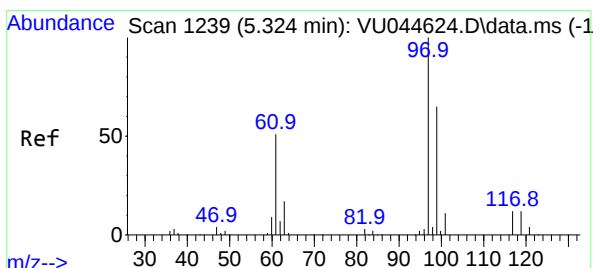
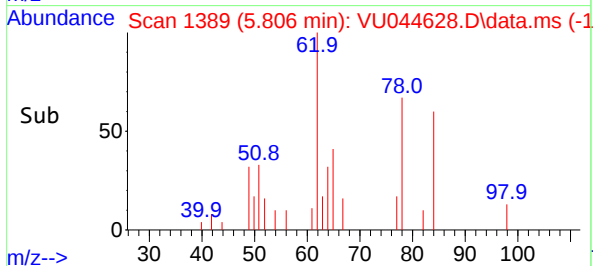
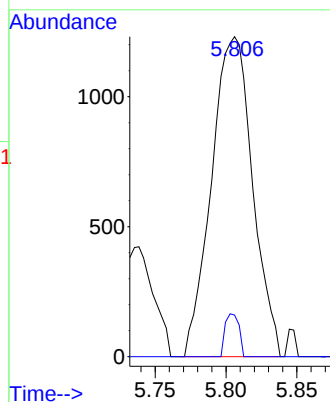
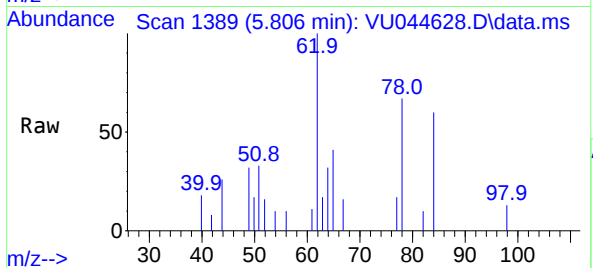
Tgt Ion: 62 Resp: 2485
Ion Ratio Lower Upper
62 100
98 13.0 6.6 10.0#

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
APPROVED

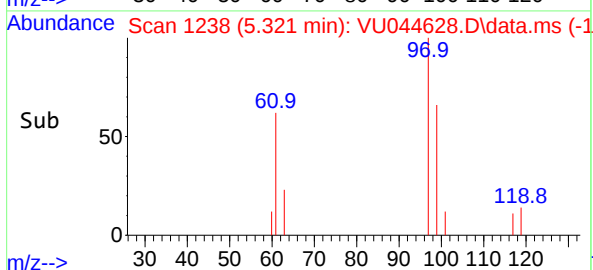
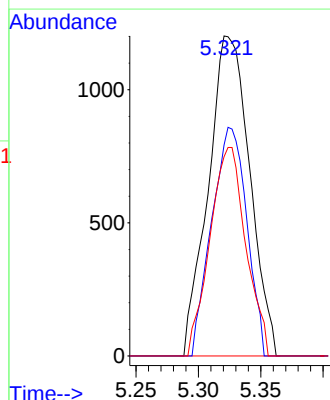
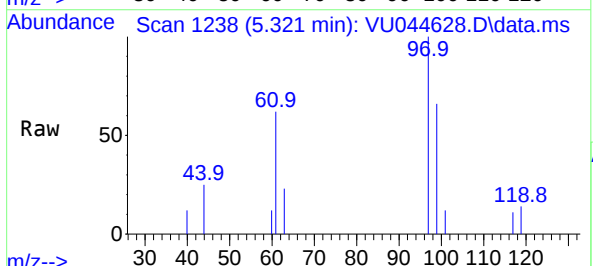
MMDadoda

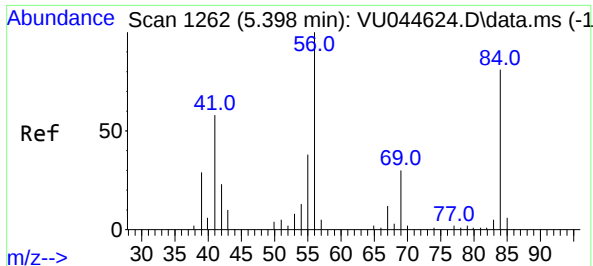
9/15/2021 9:54:49 AM



#29
1,1,1-Trichloroethane
Concen: 0.184 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 97 Resp: 2783
Ion Ratio Lower Upper
97 100
99 60.5 50.7 76.1
61 56.4 40.6 60.8





#30
Cyclohexane
Concen: 0.160 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

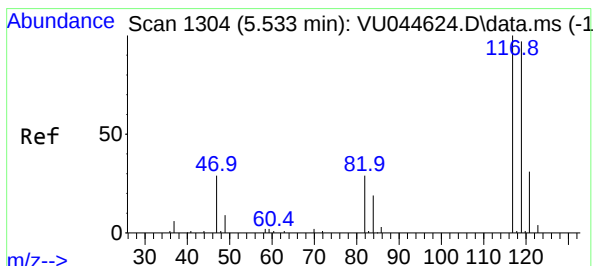
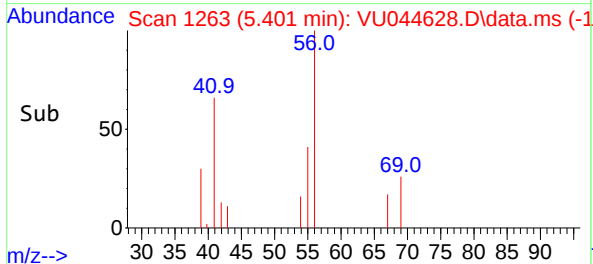
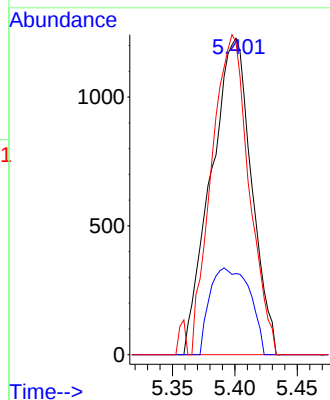
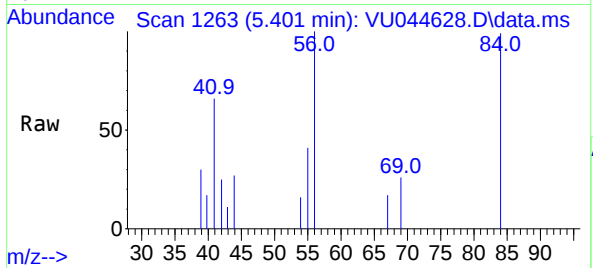
Tgt Ion:	56	Resp:	2776
Ion Ratio	Lower	Upper	
56	100		
69	26.9	23.4	35.2
84	93.3	65.5	98.3

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
APPROVED

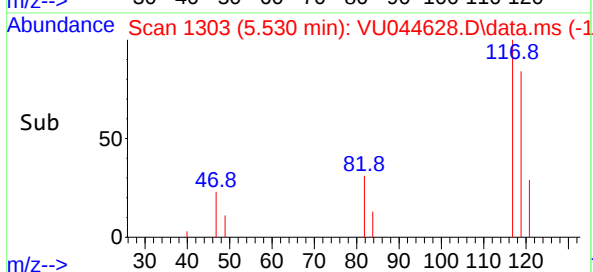
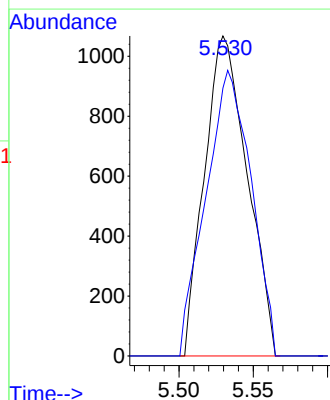
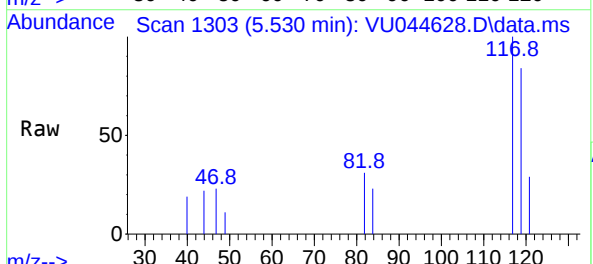
MMDadoda

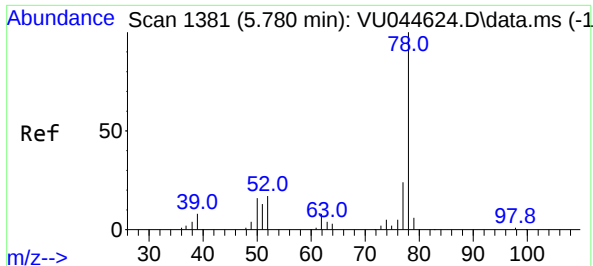
9/15/2021 9:54:49 AM



#31
Carbon tetrachloride
Concen: 0.181 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion:	117	Resp:	2140
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.4	114.6





Benzene
Concen: 0.189 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

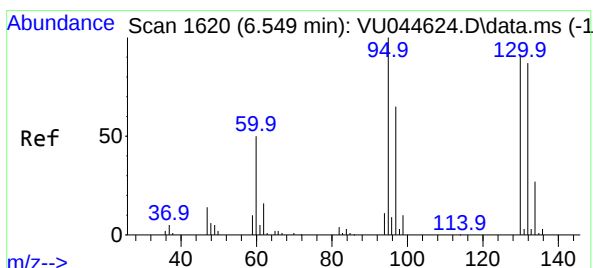
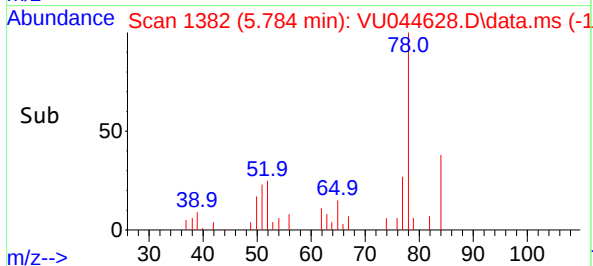
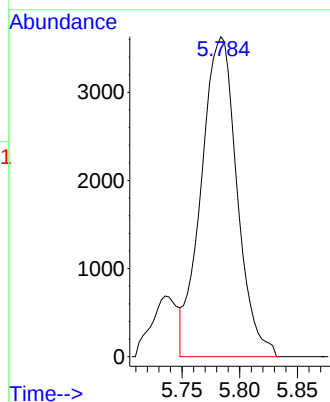
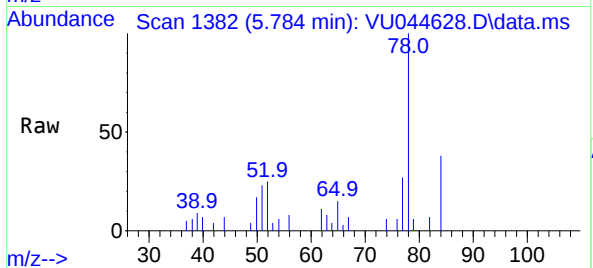
Tgt Ion: 78 Resp: 7811

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
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MMDadoda

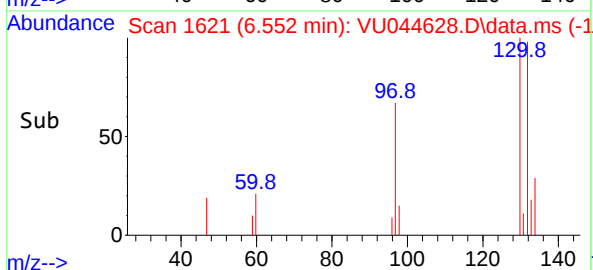
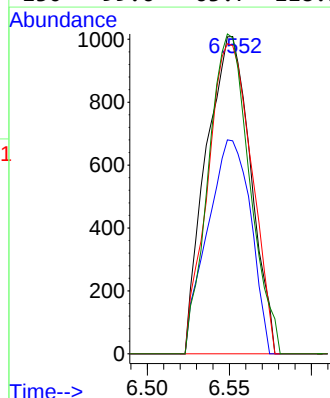
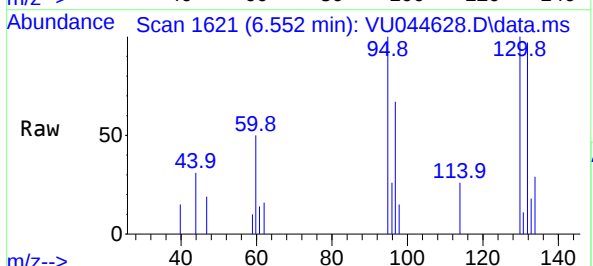
9/15/2021 9:54:49 AM

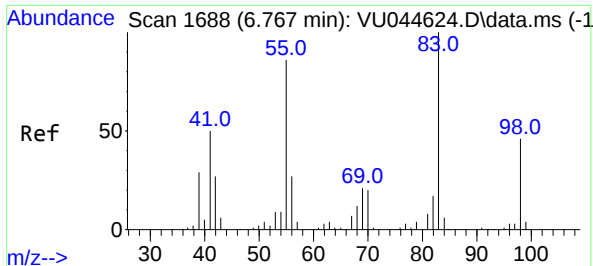


Trichloroethene
Concen: 0.186 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 95 Resp: 1899

Ion	Ratio	Lower	Upper
95	100		
97	67.1	44.7	82.9
132	97.1	60.3	111.9
130	99.6	63.7	118.3





#35
Methylcyclohexane
Concen: 0.196 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

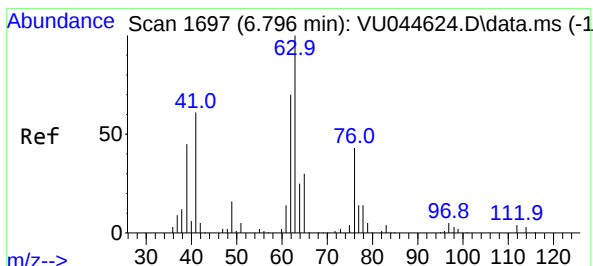
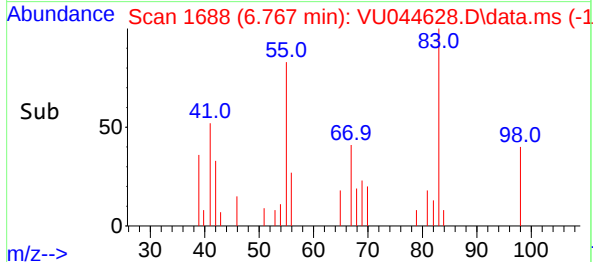
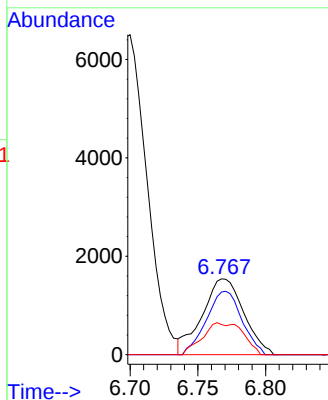
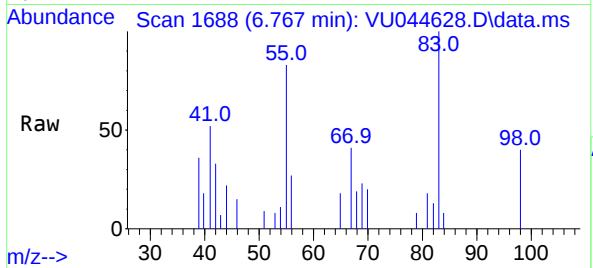
Tgt Ion:	83	Resp:	3285
Ion	Ratio	Lower	Upper
83	100		
55	71.4	68.3	102.5
98	41.1	37.3	55.9

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations
APPROVED

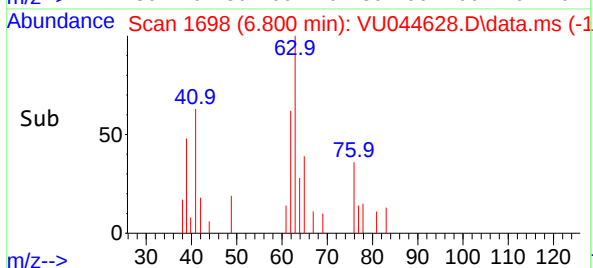
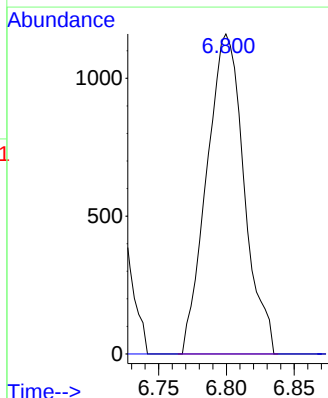
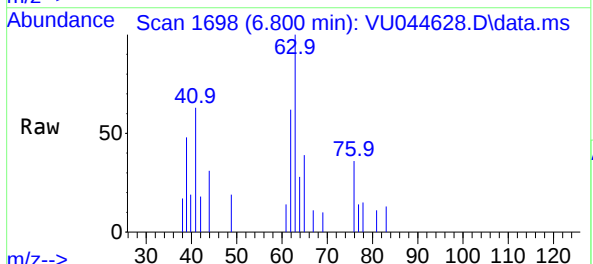
MMDadoda

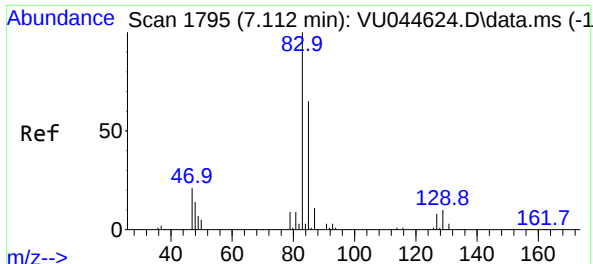
9/15/2021 9:54:49 AM



#37
1,2-Dichloropropane
Concen: 0.202 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion:	63	Resp:	2227
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#38
Bromodichloromethane
Concen: 0.183 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

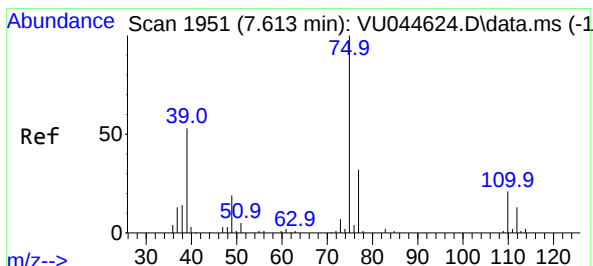
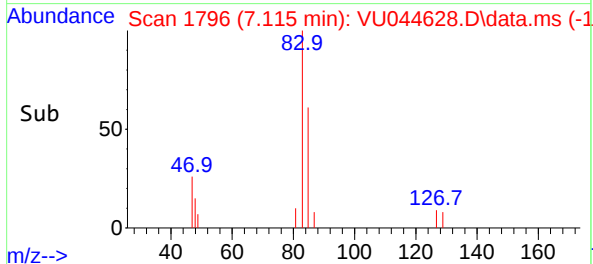
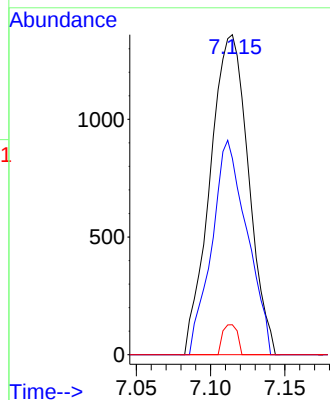
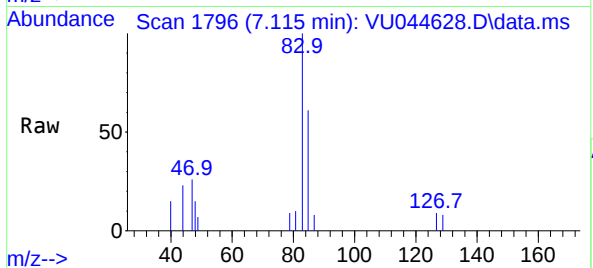
Tgt Ion: 83 Resp: 2449
Ion Ratio Lower Upper
83 100
85 61.3 46.3 86.1
127 9.3 6.0 9.0#

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
APPROVED

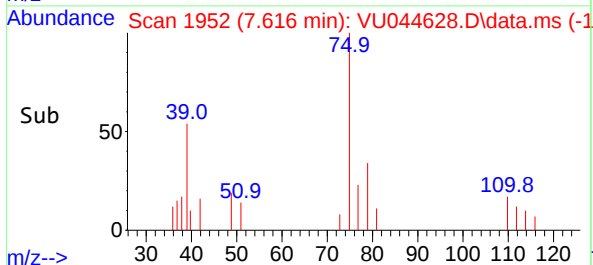
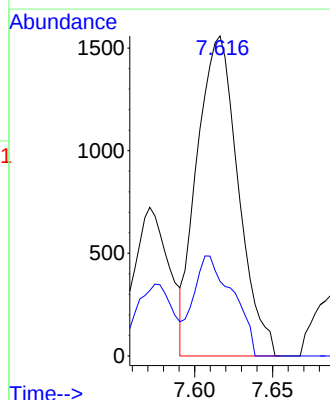
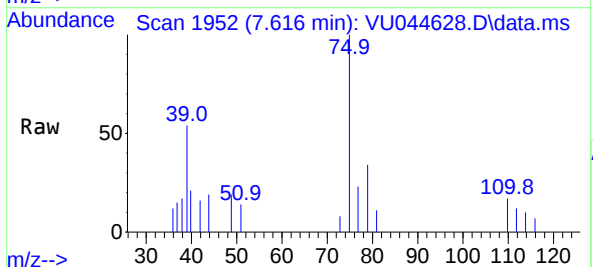
MMDadoda

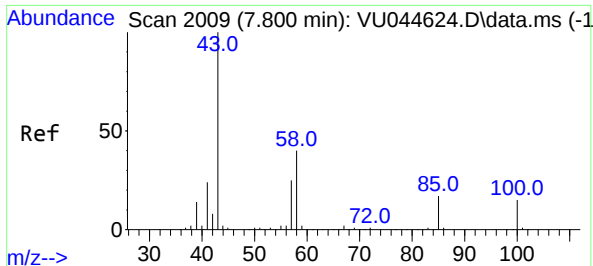
9/15/2021 9:54:49 AM



#39
cis-1,3-Dichloropropene
Concen: 0.183 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 75 Resp: 2863
Ion Ratio Lower Upper
75 100
77 23.3 21.5 39.9





#40

4-Methyl-2-pentanone

Concen: 1.737 ug/L

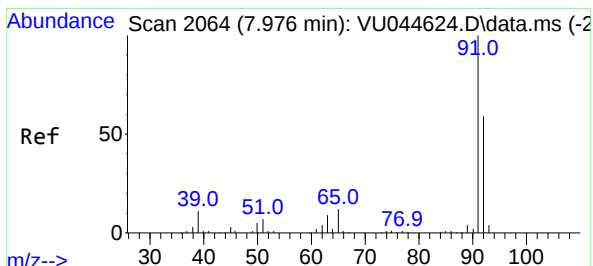
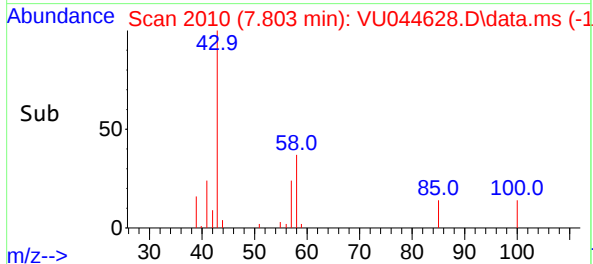
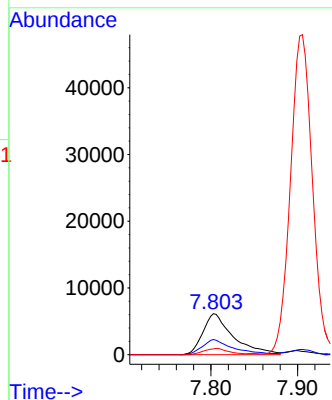
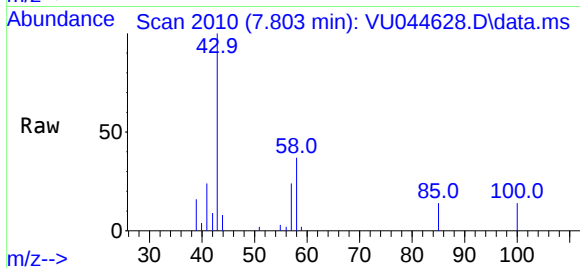
RT: 7.803 min Scan# 2010

Delta R.T. 0.003 min

Lab File: VU044628.D

Acq: 14 Sep 2021 14:24

Tgt Ion:	43	Resp:	14941
Ion	Ratio	Lower	Upper
43	100		
58	37.3	31.2	46.8
100	0.0	11.4	17.0



#42

Toluene

Concen: 0.224 ug/L

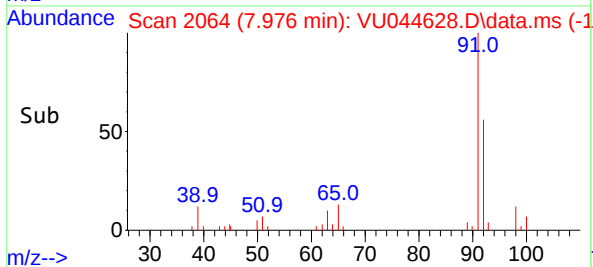
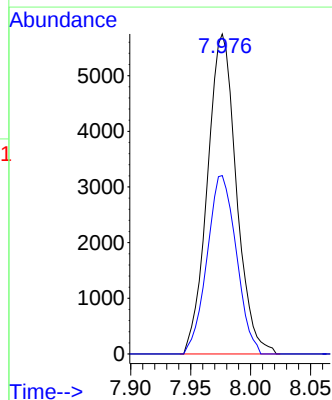
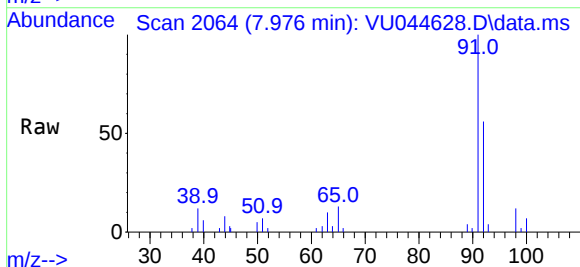
RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU044628.D

Acq: 14 Sep 2021 14:24

Tgt Ion:	91	Resp:	9648
Ion	Ratio	Lower	Upper
91	100		
92	55.7	41.1	76.3

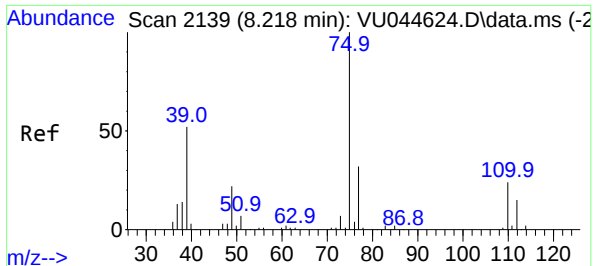


Instrument :
MSVOA_U
ClientSampled :
MDL02

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#44
trans-1,3-Dichloropropene
Concen: 0.226 ug/L m
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

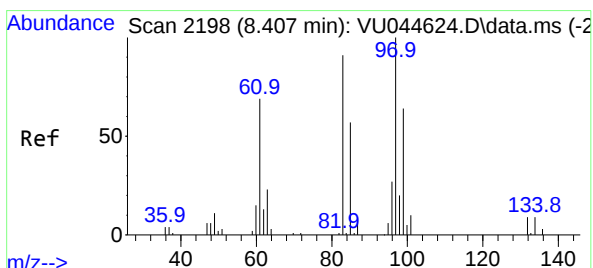
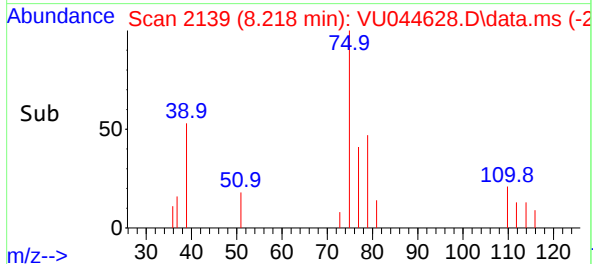
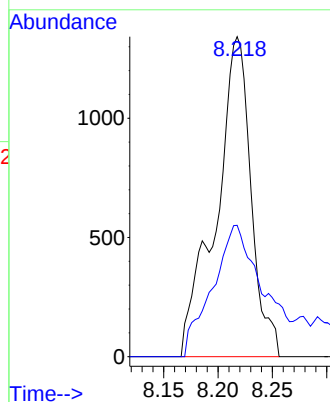
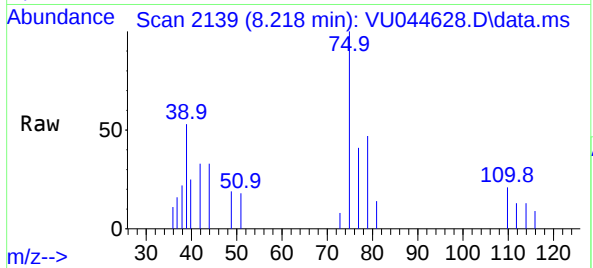
Tgt Ion: 75 Resp: 3015
Ion Ratio Lower Upper
75 100
77 41.1 22.0 41.0#

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
APPROVED

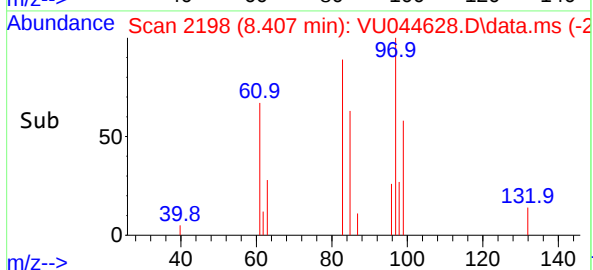
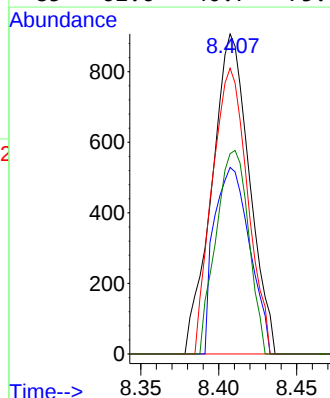
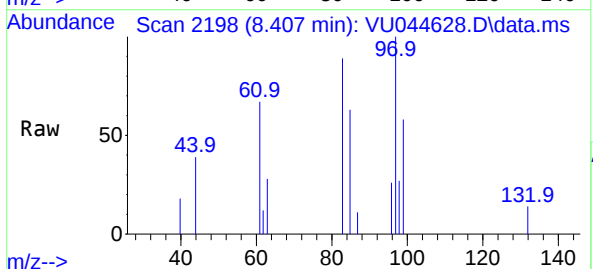
MMDadoda

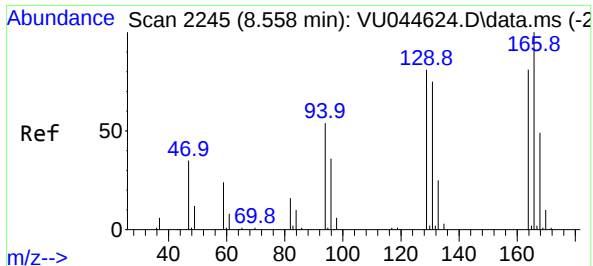
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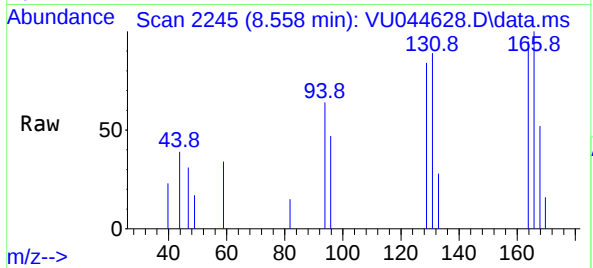
#45
1,1,2-Trichloroethane
Concen: 0.193 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 97 Resp: 1516
Ion Ratio Lower Upper
97 100
99 58.3 44.8 83.2
83 89.3 63.6 118.0
85 62.6 40.7 75.7



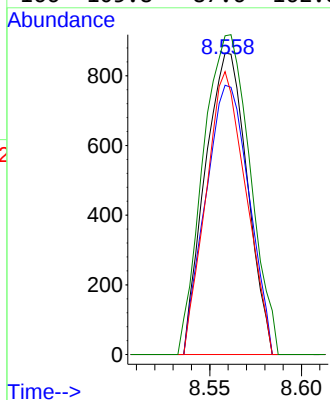


#47
Tetrachloroethene
Concen: 0.194 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24



Tgt Ion:164 Resp: 1378

Ion	Ratio	Lower	Upper
164	100		
129	89.4	67.0	124.4
131	93.9	65.2	121.0
166	105.8	87.6	162.8

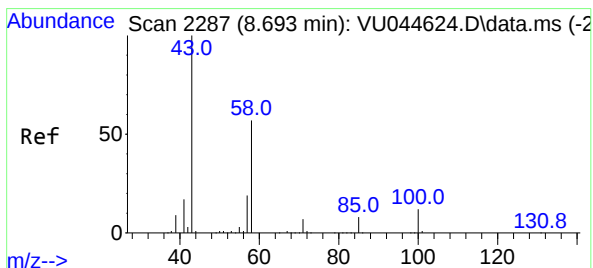


Instrument :
MSVOA_U
ClientSampleId :
MDL02

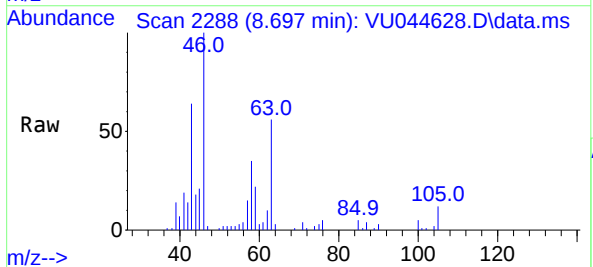
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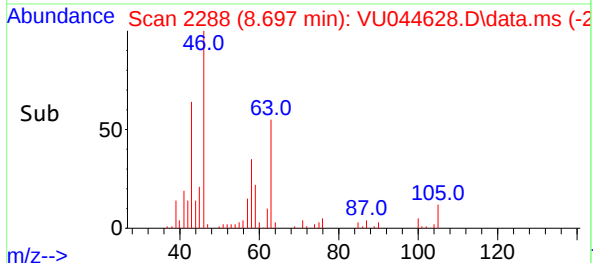
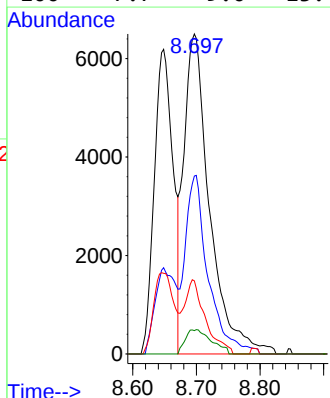


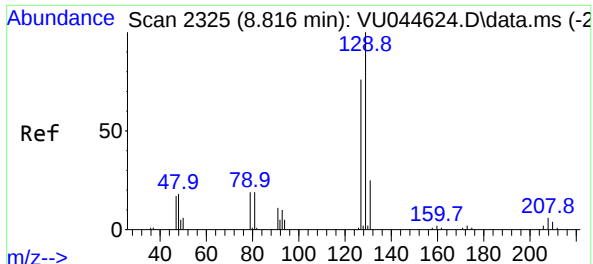
#48
2-Hexanone
Concen: 2.861 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24



Tgt Ion: 43 Resp: 18313

Ion	Ratio	Lower	Upper
43	100		
58	50.0	44.6	66.8
57	18.5	14.8	22.2
100	7.7	9.0	13.4





#49

Dibromochloromethane

Concen: 0.160 ug/L

RT: 8.812 min Scan# 2324

Delta R.T. -0.003 min

Lab File: VU044628.D

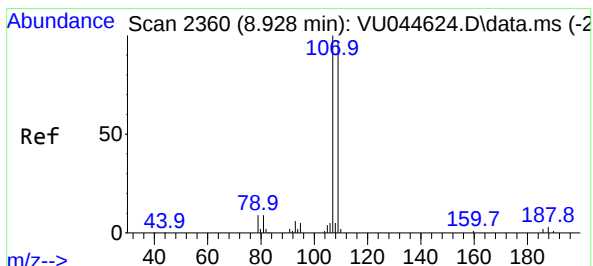
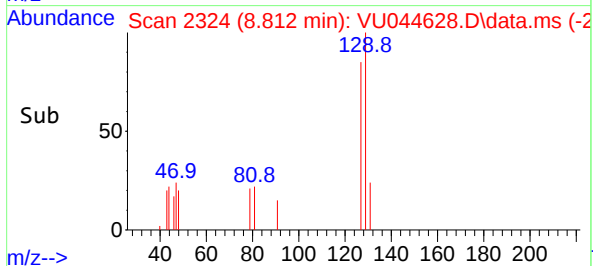
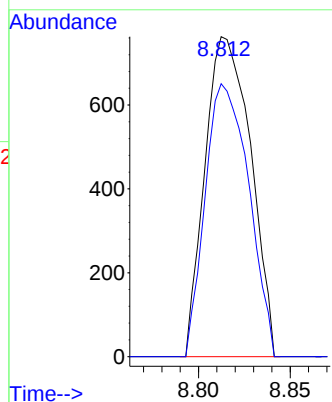
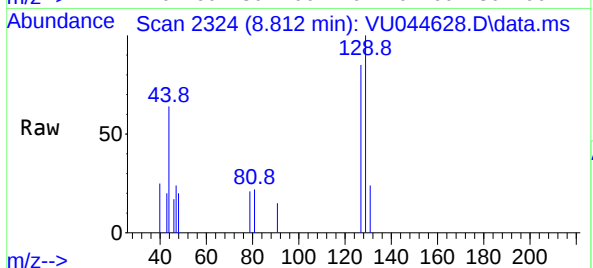
Acq: 14 Sep 2021 14:24

Tgt Ion:129 Resp: 1323

Ion Ratio Lower Upper

129 100

127 85.3 53.3 99.1



#50

1,2-Dibromoethane

Concen: 0.180 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.003 min

Lab File: VU044628.D

Acq: 14 Sep 2021 14:24

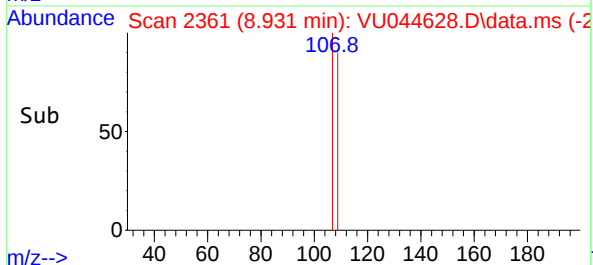
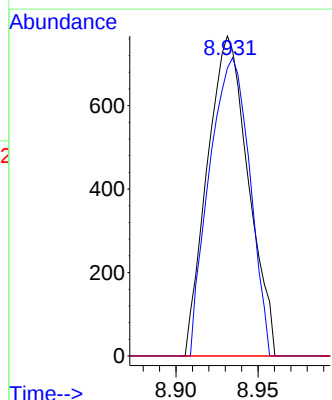
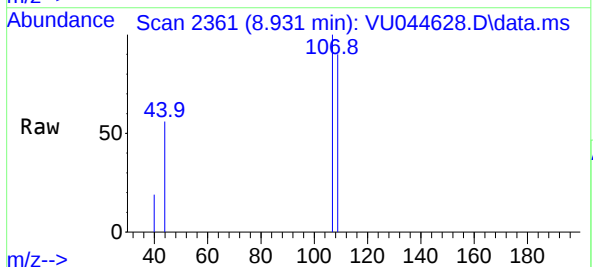
Tgt Ion:107 Resp: 1332

Ion Ratio Lower Upper

107 100

109 90.0 65.5 121.7

188 0.0 3.0 4.4#



Instrument :

MSVOA_U

ClientSampleId :

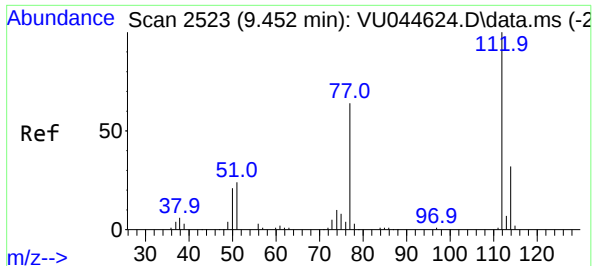
MDL02

Manual Integrations

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#51
Chlorobenzene
Concen: 0.186 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

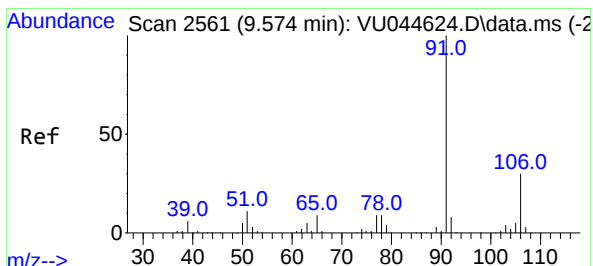
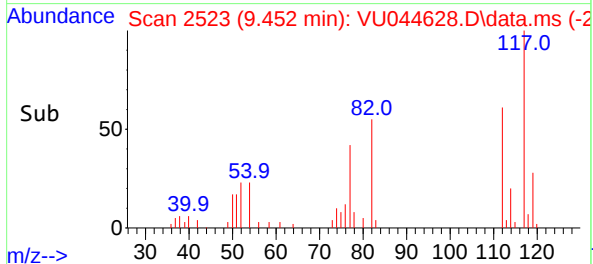
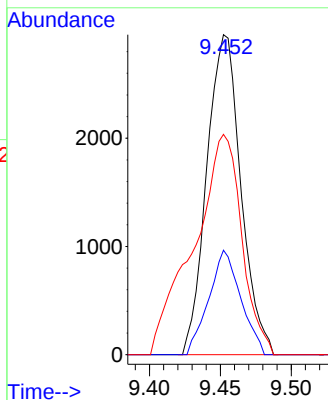
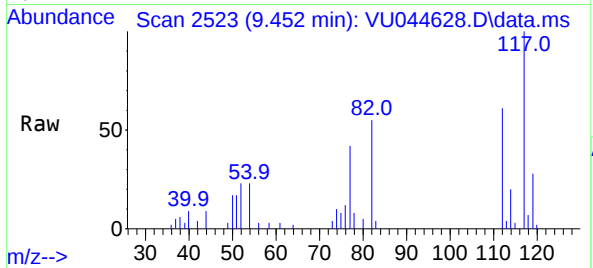
Tgt Ion:	112	Resp:	4956
Ion Ratio	Lower	Upper	
112	100		
114	32.7	22.8	42.4
77	68.9	51.4	77.0

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
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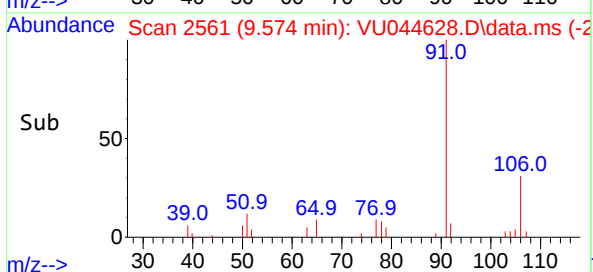
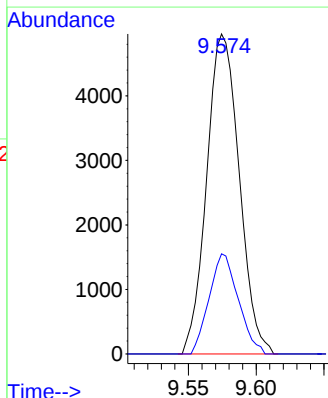
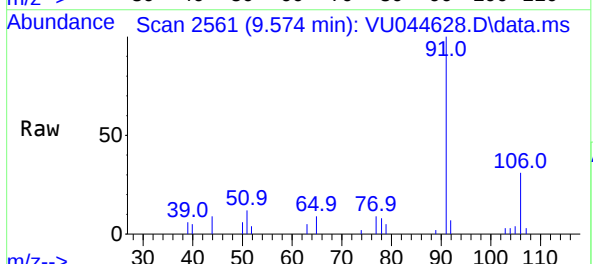
MMDadoda

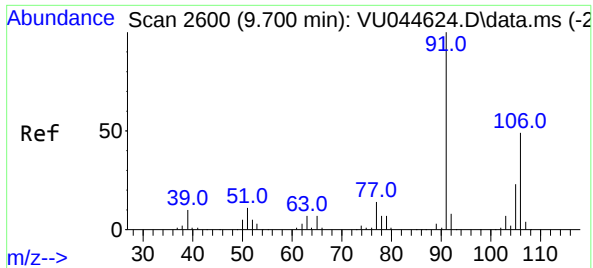
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#52
Ethylbenzene
Concen: 0.177 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion:	91	Resp:	8275
Ion Ratio	Lower	Upper	
91	100		
106	31.3	21.1	39.1





#53
m,p-Xylene
Concen: 0.172 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

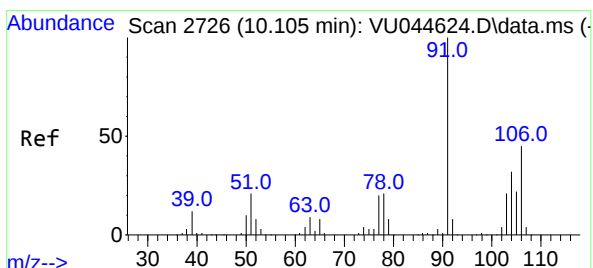
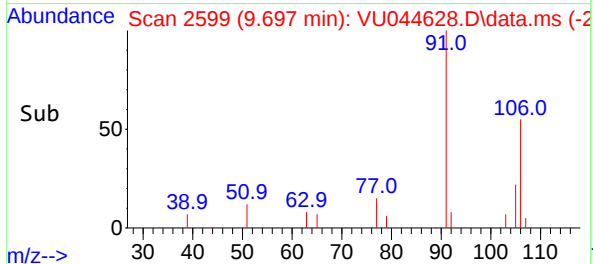
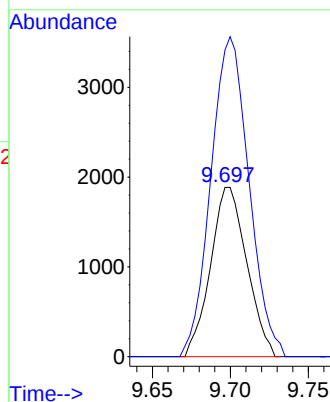
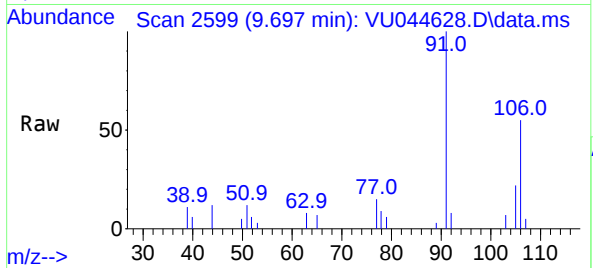
Tgt Ion:106 Resp: 3052
Ion Ratio Lower Upper
106 100
91 181.2 144.6 268.6

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
APPROVED

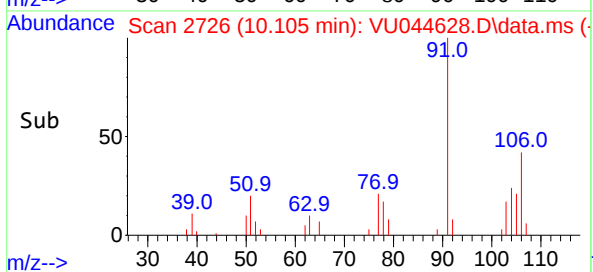
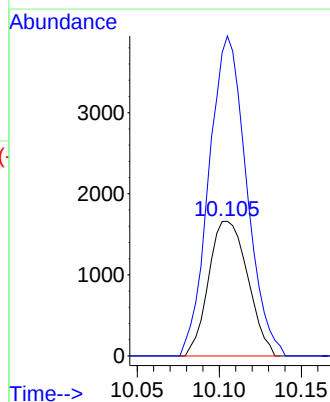
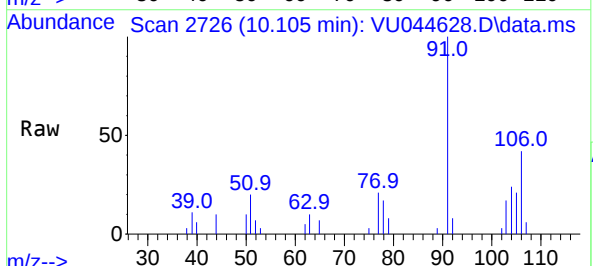
MMDadoda

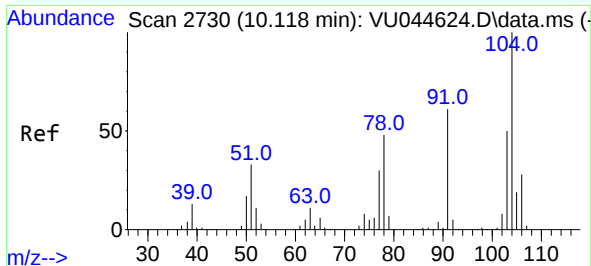
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#54
o-Xylene
Concen: 0.162 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion:106 Resp: 2747
Ion Ratio Lower Upper
106 100
91 237.4 156.2 290.0





#55
Styrene
Concen: 0.153 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

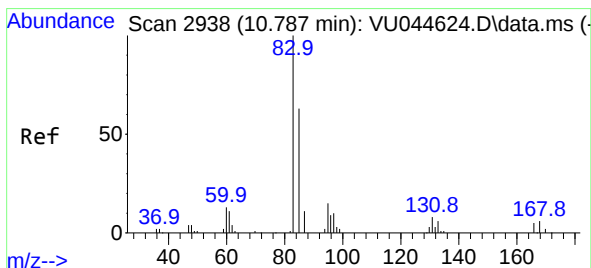
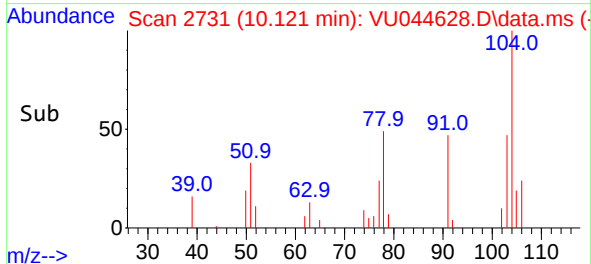
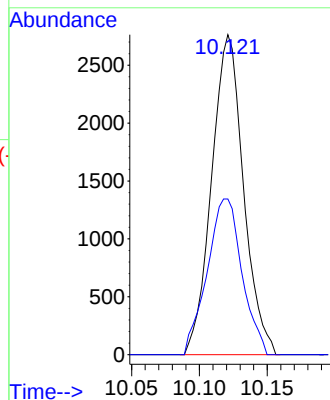
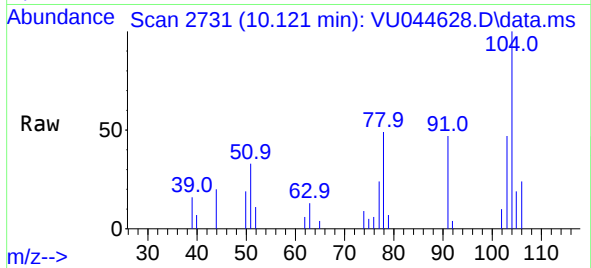
Tgt Ion: 104 Resp: 4526
Ion Ratio Lower Upper
104 100
78 48.6 33.6 62.4

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
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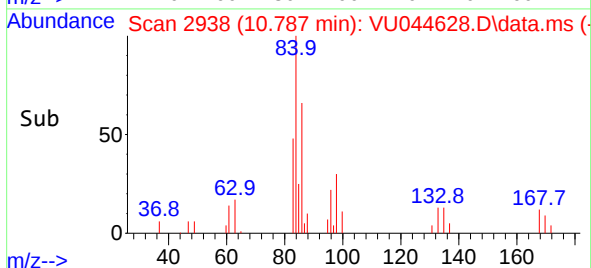
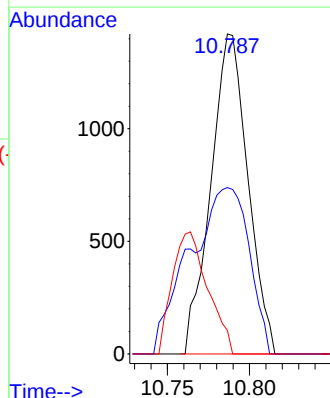
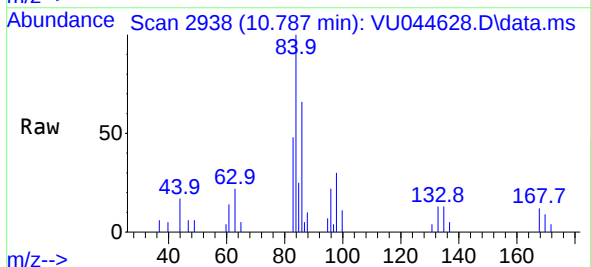
MMDadoda

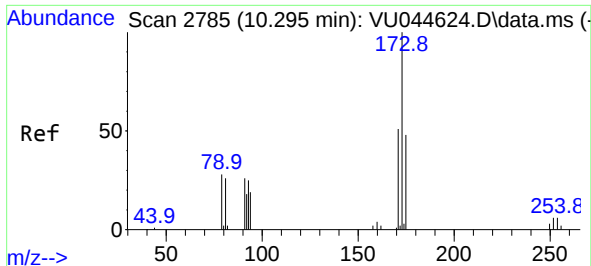
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#57
1,1,2,2-Tetrachloroethane
Concen: 0.211 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

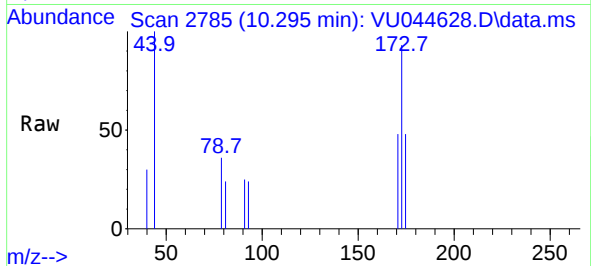
Tgt Ion: 83 Resp: 2224
Ion Ratio Lower Upper
83 100
85 52.0 44.5 82.7
131 7.3 6.6 10.0





#59
Bromoform
Concen: 0.165 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Instrument :
MSVOA_U
ClientSampled :
MDL02

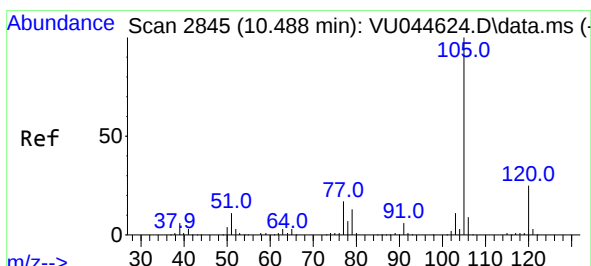
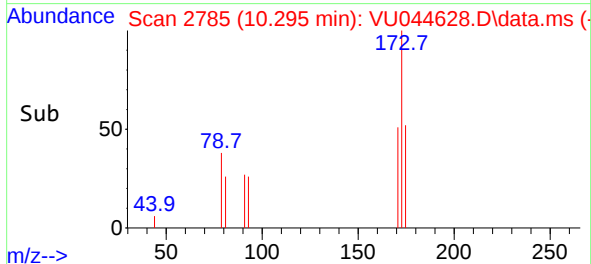
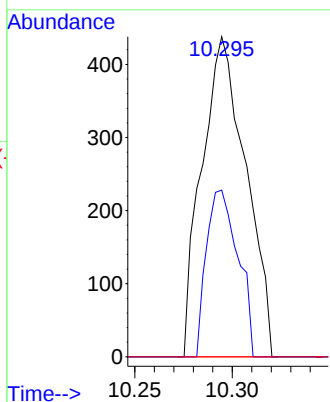


Tgt Ion:173 Resp: 686
Ion Ratio Lower Upper
173 100
175 37.5 38.8 58.2#
254 0.0 4.9 7.3#

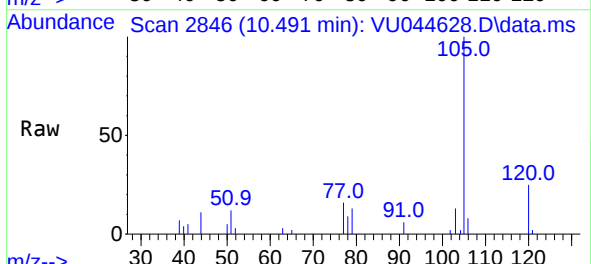
Manual Integrations
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MMDadoda

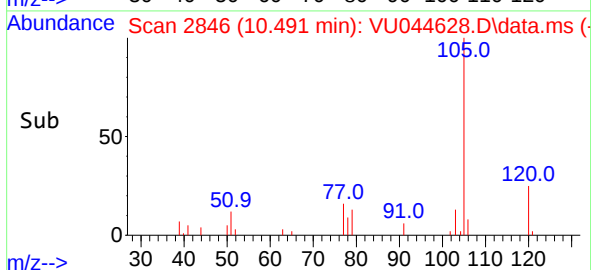
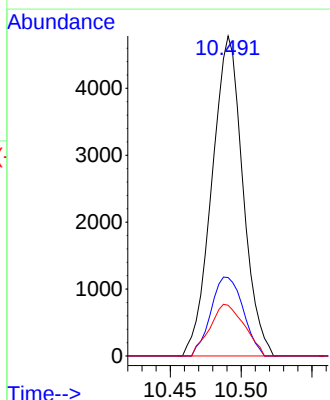
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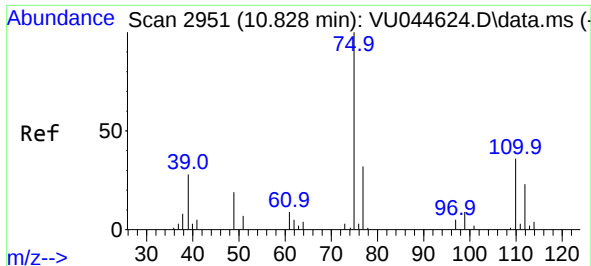


#60
Isopropylbenzene
Concen: 0.174 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24



Tgt Ion:105 Resp: 7261
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.2
77 17.9 13.6 20.4





#61
1,2,3-Trichloropropane
Concen: 0.198 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

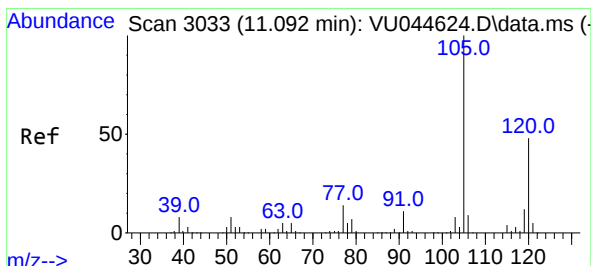
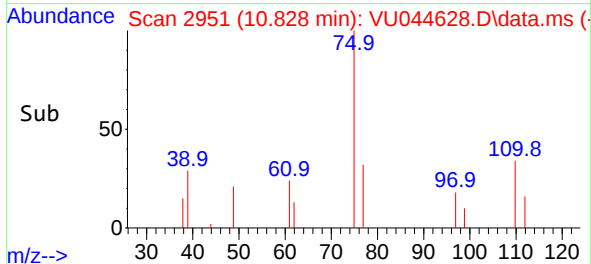
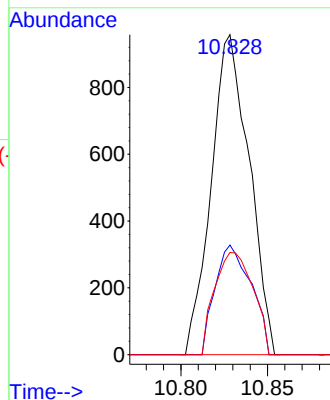
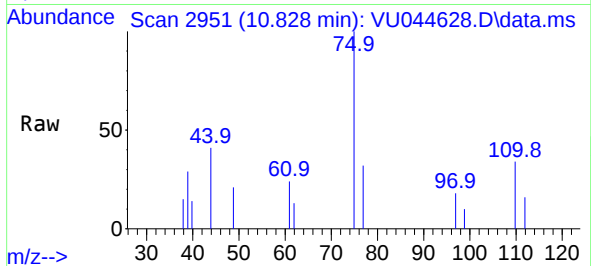
Tgt Ion: 75 Resp: 1461
Ion Ratio Lower Upper
75 100
110 32.6 28.8 43.2
77 32.4 25.9 38.9

Instrument :
MSVOA_U
ClientSampled :
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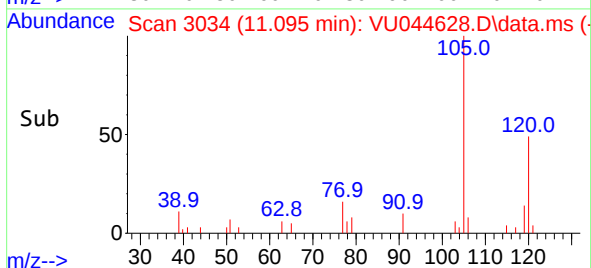
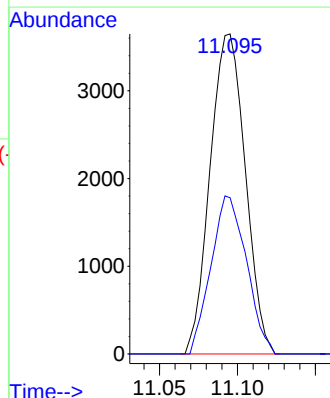
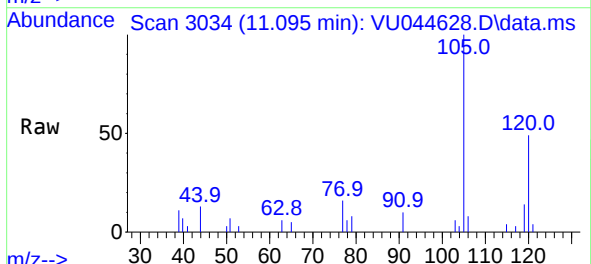
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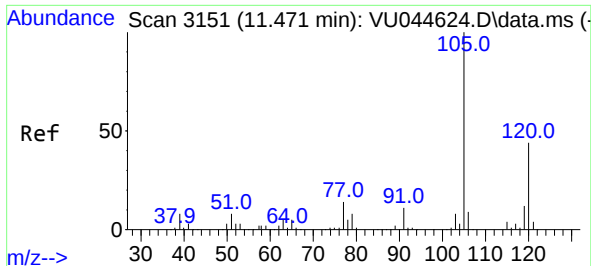
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#62
1,3,5-Trimethylbenzene
Concen: 0.165 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion: 105 Resp: 5738
Ion Ratio Lower Upper
105 100
120 49.8 38.2 57.2





#63
1,2,4-Trimethylbenzene
Concen: 0.166 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

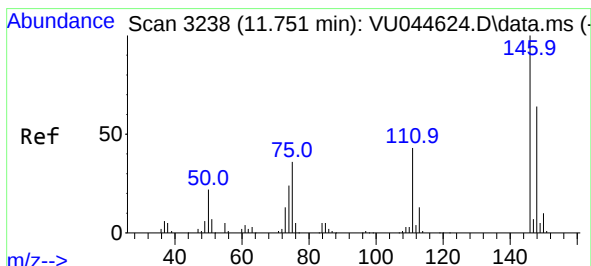
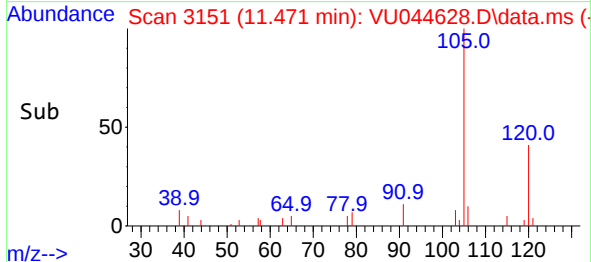
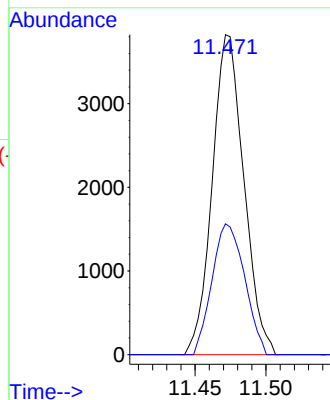
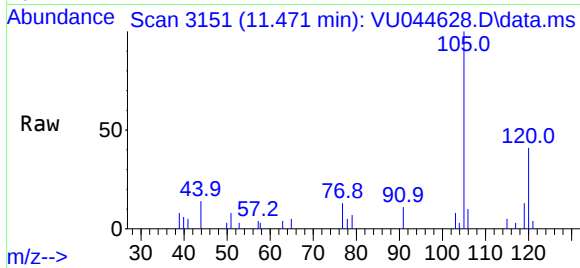
Tgt Ion:105 Resp: 5930
Ion Ratio Lower Upper
105 100
120 42.1 35.4 53.2

Instrument :
MSVOA_U
ClientSampled :
MDL02

Manual Integrations
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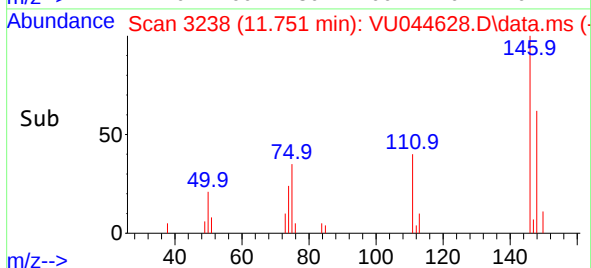
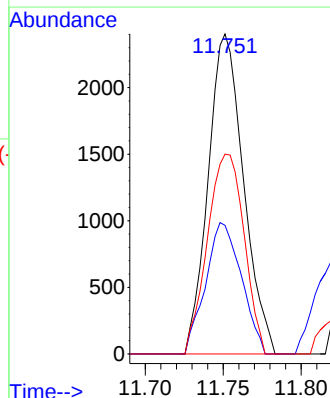
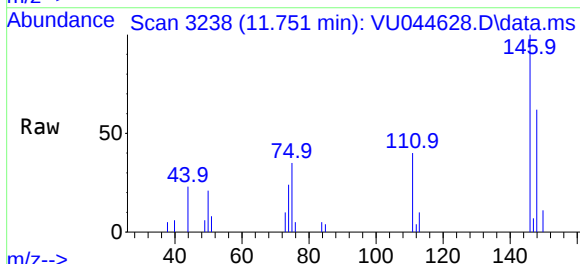
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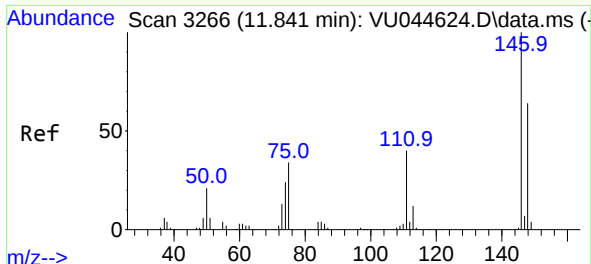
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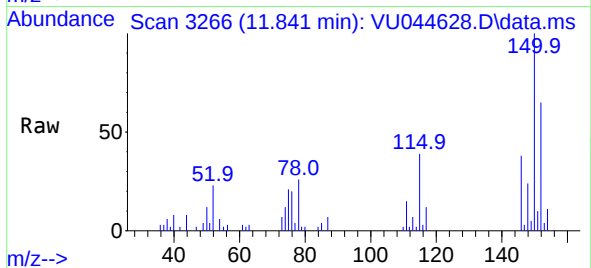
#64
1,3-Dichlorobenzene
Concen: 0.195 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

Tgt Ion:146 Resp: 3787
Ion Ratio Lower Upper
146 100
111 40.2 29.8 55.4
148 62.5 45.2 84.0



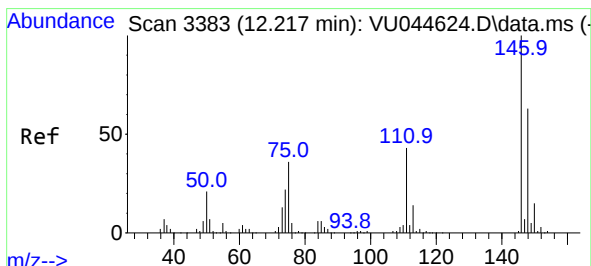
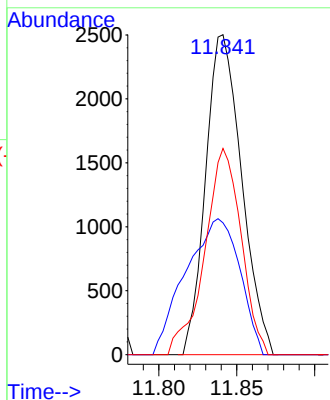
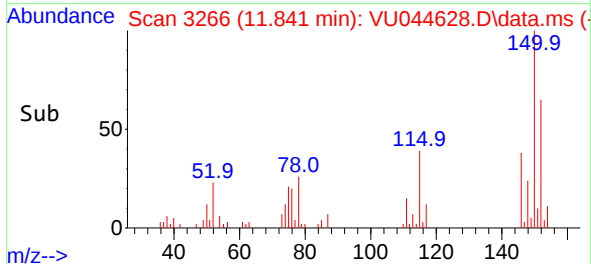


#65
1,4-Dichlorobenzene
Concen: 0.200 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24

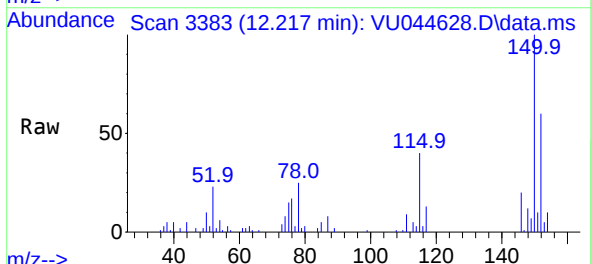


Tgt Ion:146 Resp: 4020

Ion	Ratio	Lower	Upper
146	100		
111	41.2	28.7	53.3
148	64.5	45.4	84.4

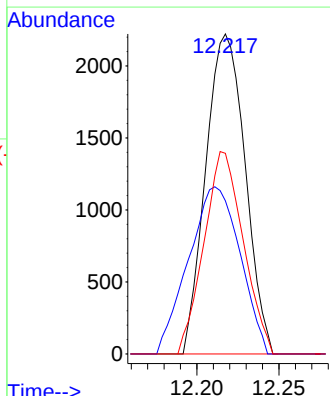
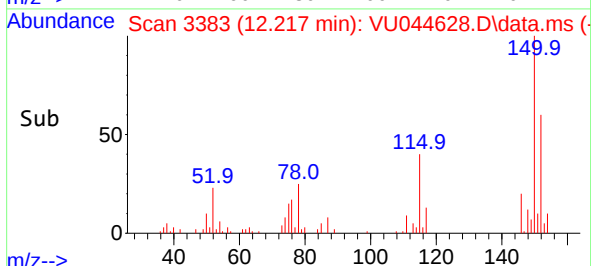


#67
1,2-Dichlorobenzene
Concen: 0.200 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24



Tgt Ion:146 Resp: 3705

Ion	Ratio	Lower	Upper
146	100		
111	47.8	34.6	51.8
148	62.7	51.3	76.9

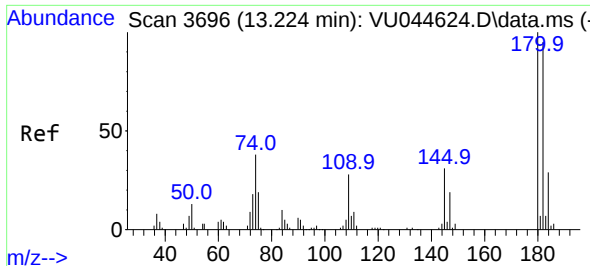


Instrument :
MSVOA_U
ClientSampled :
MDL02

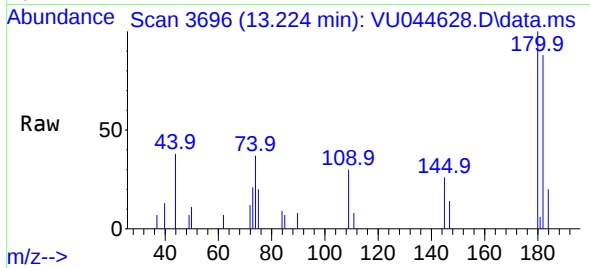
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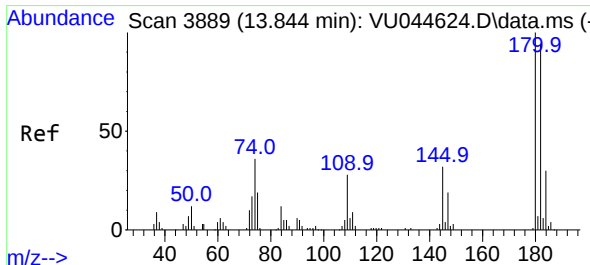
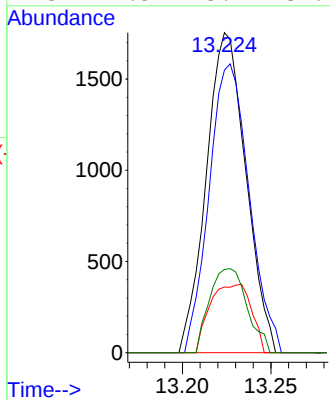
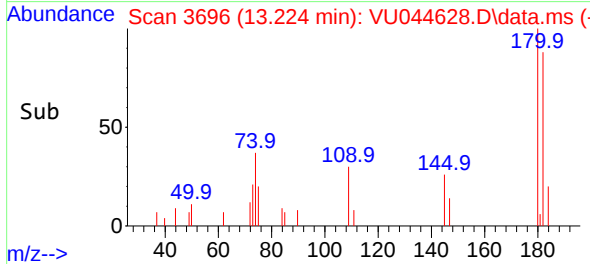
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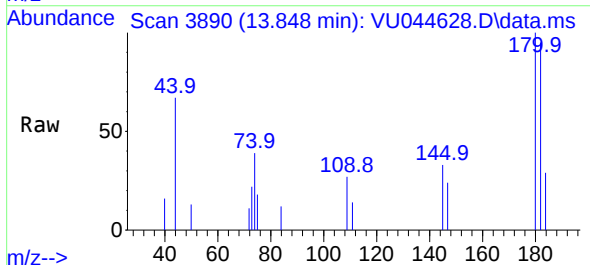
#69
1,3,5-Trichlorobenzene
Concen: 0.184 ug/L m
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24



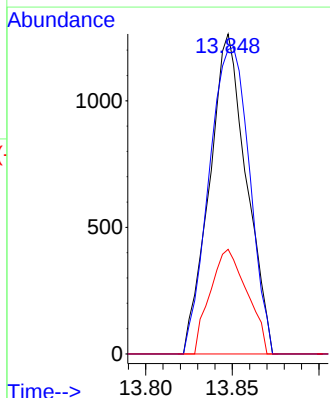
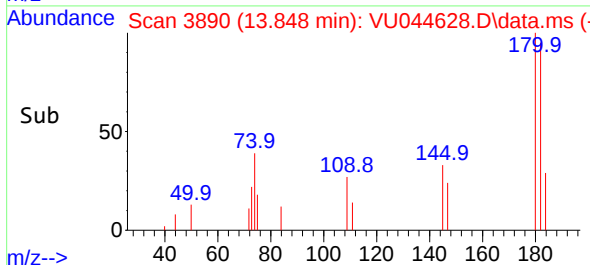
Tgt Ion:180 Resp: 2729
Ion Ratio Lower Upper
180 100
182 72.1 76.9 115.3#
184 21.5 24.1 36.1#
145 22.5 25.1 37.7#



#70
1,2,4-trichlorobenzene
Concen: 0.150 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24



Tgt Ion:180 Resp: 1878
Ion Ratio Lower Upper
180 100
182 104.8 75.4 113.0
145 32.6 25.2 37.8

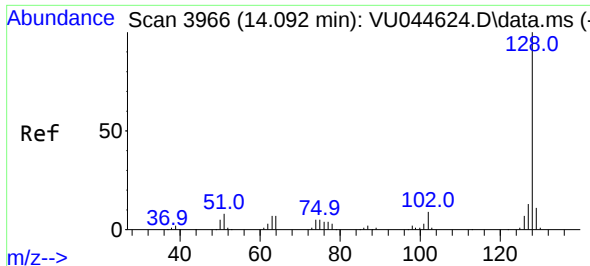


Instrument :
MSVOA_U
ClientSampleId :
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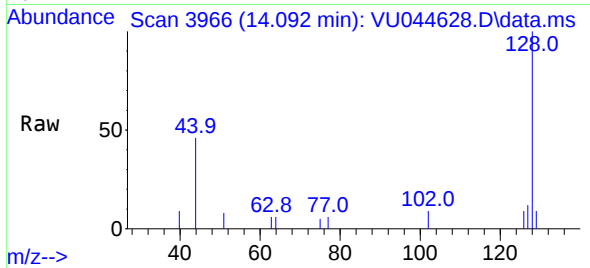
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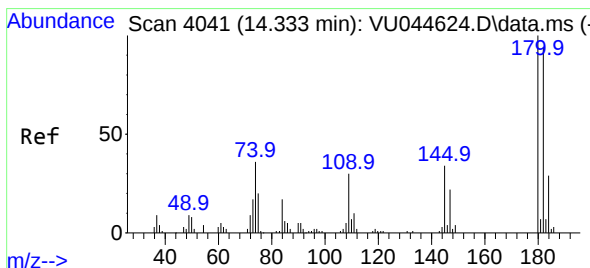
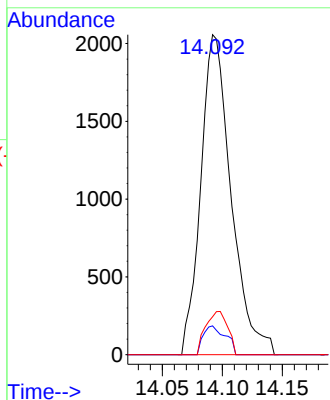
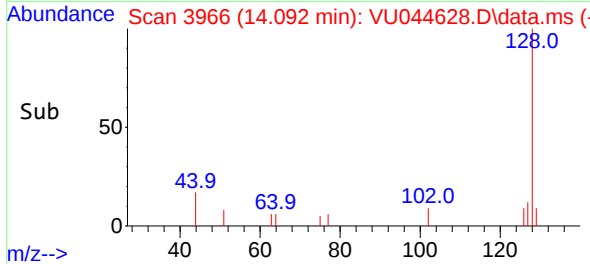
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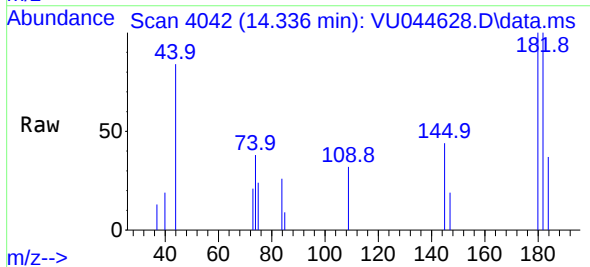
#71
Naphthalene
Concen: 0.149 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24



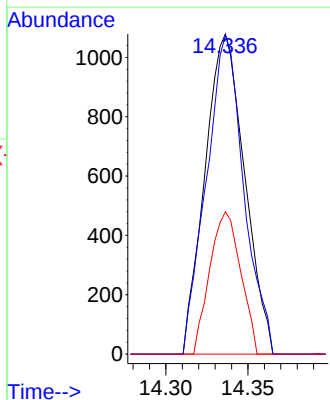
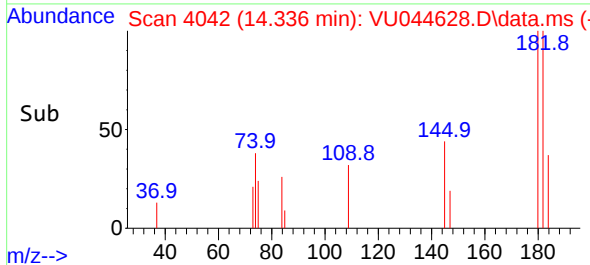
Tgt Ion:128 Resp: 3622
Ion Ratio Lower Upper
128 100
129 6.6 8.7 13.1#
127 9.7 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.157 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044628.D
Acq: 14 Sep 2021 14:24



Tgt Ion:180 Resp: 1806
Ion Ratio Lower Upper
180 100
182 94.1 75.9 113.9
145 34.6 27.0 40.6



Instrument :
MSVOA_U
ClientSampled :
MDL02

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