

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
 Data File : VU044751.D
 Acq On : 22 Sep 2021 11:53
 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
 9/24/2021 1:35:24 PM

Quant Time: Sep 23 04:59:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 23 02:59:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	128524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	129357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	59667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34413	4.538	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.916	69	33695	4.354	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.571	65	14937	3.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.639	46	135949	42.766	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.540%
24) Chloroform-d	5.070	84	74198	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.710	65	44106	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.735	84	137952	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.700	67	48748	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.906	98	112619	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.185	79	16099	4.216	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.642	63	104788	42.700	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.400%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42304	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	44502	4.520	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2250	0.220	ug/L	100
3) Chloromethane	1.520	50	3369	0.273	ug/L	100
5) Vinyl chloride	1.607	62	2573	0.205	ug/L #	9
6) Bromomethane	1.861	94	1541	0.239	ug/L	88
8) Chloroethane	1.938	64	2320	0.290	ug/L #	71
9) Trichlorofluoromethane	2.144	101	3165	0.224	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2380	0.274	ug/L #	86
12) 1,1-Dichloroethene	2.581	96	1876	0.227	ug/L #	1
13) Acetone	2.639	43	6726	3.249	ug/L	77
14) Carbon disulfide	2.800	76	5060	0.194	ug/L	99
15) Methyl Acetate	2.964	43	1159	0.310	ug/L #	65
16) Methylene chloride	3.054	84	2889	0.220	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	4813	0.211	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	1804	0.206	ug/L	97
19) 1,1-Dichloroethane	3.877	63	4086	0.230	ug/L #	85
21) 2-Butanone	4.722	43	7707m	2.229	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	2112	0.218	ug/L	94
23) Bromochloromethane	4.980	128	859	0.210	ug/L	90
25) Chloroform	5.095	83	5921	0.313	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	3182	0.257	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	3150	0.223	ug/L	100
30) Cyclohexane	5.398	56	2817	0.175	ug/L	93
31) Carbon tetrachloride	5.533	117	2510	0.228	ug/L	93
33) Benzene	5.780	78	12759	0.332	ug/L	100
34) Trichloroethene	6.552	95	2033	0.214	ug/L	95
35) Methylcyclohexane	6.767	83	2847	0.182	ug/L	91
37) 1,2-Dichloropropane	6.796	63	2291	0.223	ug/L #	88
38) Bromodichloromethane	7.115	83	2647	0.212	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	2717	0.186	ug/L	93
40) 4-Methyl-2-pentanone	7.803	43	15758	1.968	ug/L #	88
42) Toluene	7.976	91	10989	0.274	ug/L	98
44) trans-1,3-Dichloropropene	8.217	75	2756	0.222	ug/L	87
45) 1,1,2-Trichloroethane	8.404	97	1651	0.226	ug/L	89
47) Tetrachloroethene	8.562	164	1499	0.227	ug/L	97
48) 2-Hexanone	8.697	43	15603	2.618	ug/L	97
49) Dibromochloromethane	8.816	129	1628	0.212	ug/L	99
50) 1,2-Dibromoethane	8.931	107	1416	0.206	ug/L #	98
51) Chlorobenzene	9.452	112	5418	0.218	ug/L	98
52) Ethylbenzene	9.574	91	8295	0.191	ug/L	94
53) m,p-Xylene	9.700	106	3402	0.206	ug/L	88
54) o-Xylene	10.105	106	2984	0.189	ug/L	96
55) Styrene	10.121	104	4567	0.165	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	2241	0.228	ug/L #	99
59) Bromoform	10.298	173	787	0.212	ug/L #	84
60) Isopropylbenzene	10.491	105	7684	0.206	ug/L	96
61) 1,2,3-Trichloropropane	10.828	75	1516	0.230	ug/L	93
62) 1,3,5-Trimethylbenzene	11.095	105	5825	0.188	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	5981	0.188	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	3800	0.218	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	3662	0.204	ug/L	95
67) 1,2-Dichlorobenzene	12.217	146	3637	0.220	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.227	180	2553	0.193	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	1893	0.170	ug/L	99
71) Naphthalene	14.092	128	3820	0.175	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.336	180	1665	0.162	ug/L	96

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

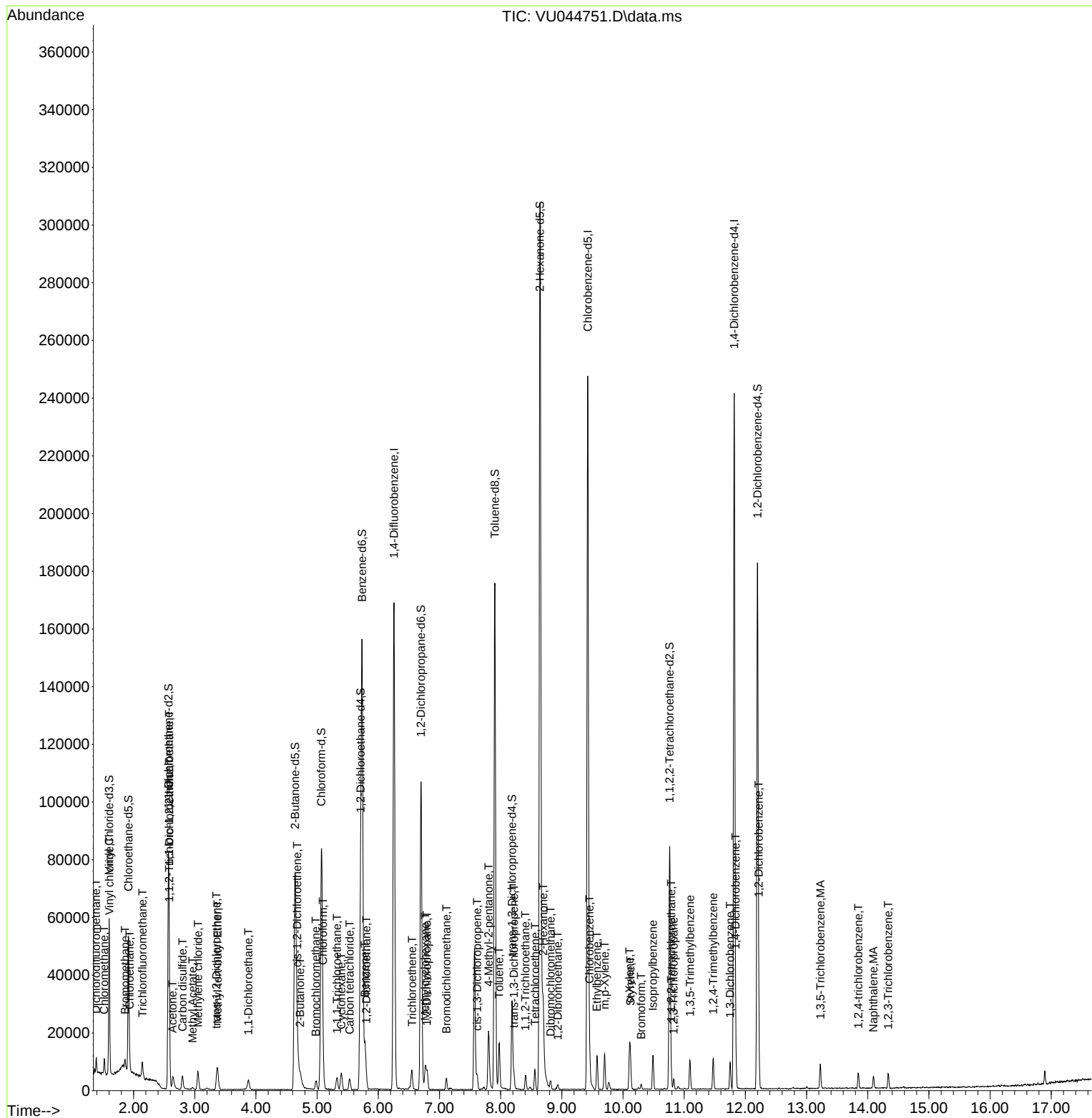
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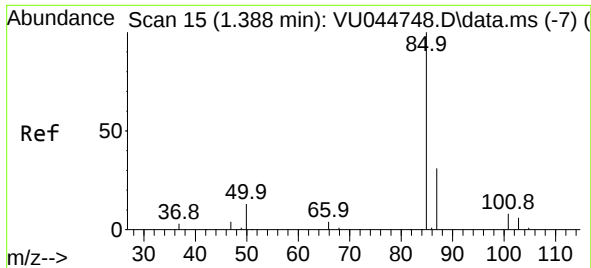
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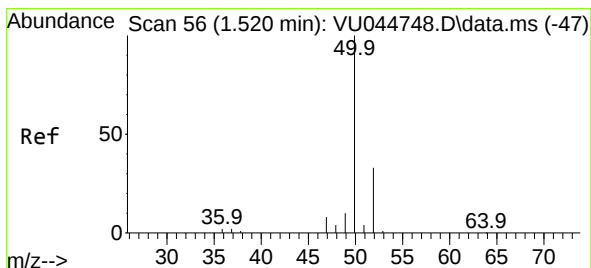
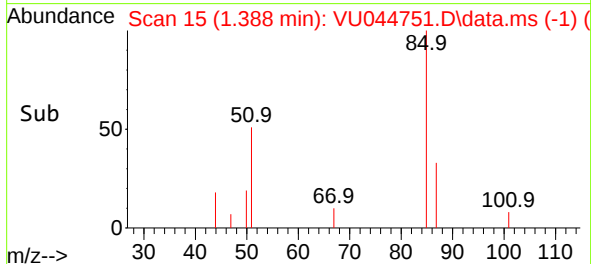
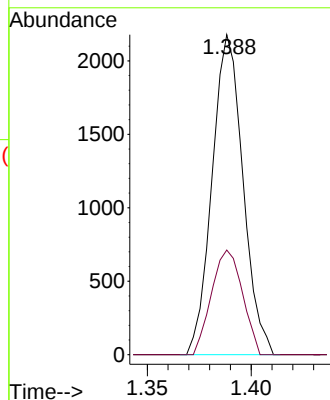
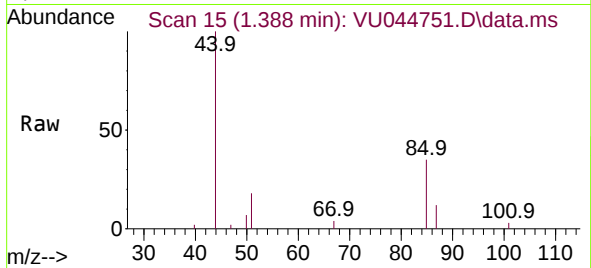
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Dichlorodifluoromethane
Concen: 0.220 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 85 Resp: 2250
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0

Instrument :
MSVOA_U
ClientSampleId :
MDL06

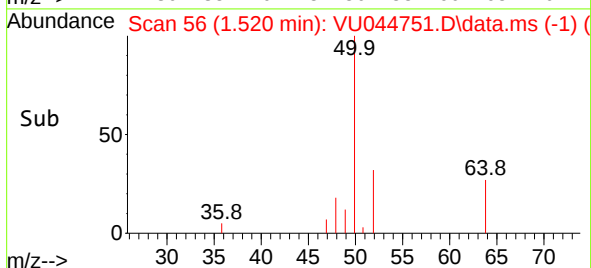
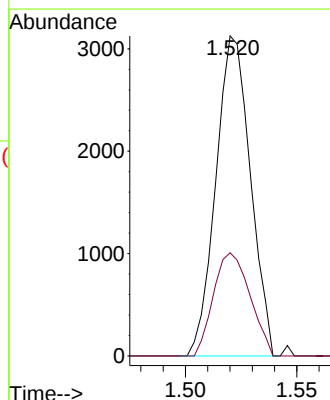
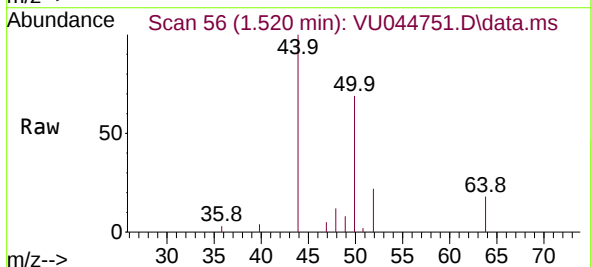
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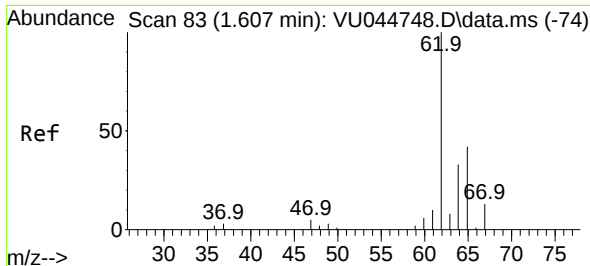
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#3
Chloromethane
Concen: 0.273 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

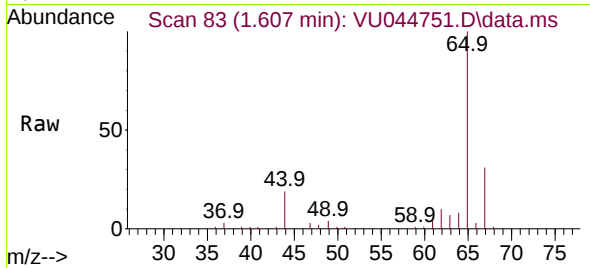
Tgt Ion: 50 Resp: 3369
Ion Ratio Lower Upper
50 100
52 32.2 22.6 42.0





#5
 Vinyl chloride
 Concen: 0.205 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044751.D
 Acq: 22 Sep 2021 11:53

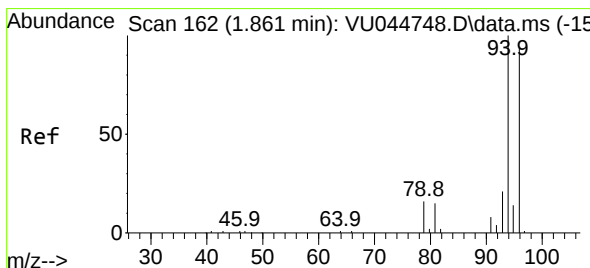
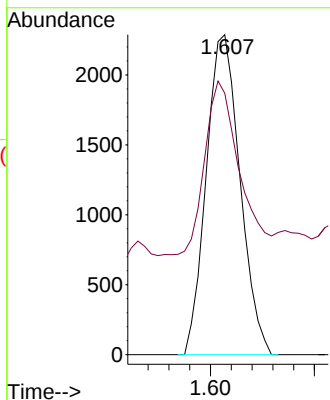
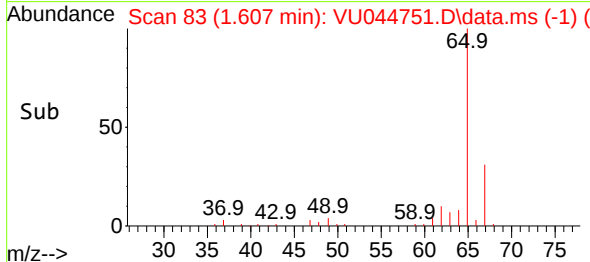
Instrument :
 MSVOA_U
 ClientSampled :
 MDL06



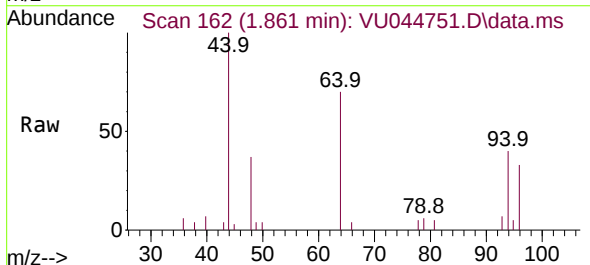
Tgt Ion: 62 Resp: 2573
 Ion Ratio Lower Upper
 62 100
 64 81.7 22.0 40.8#

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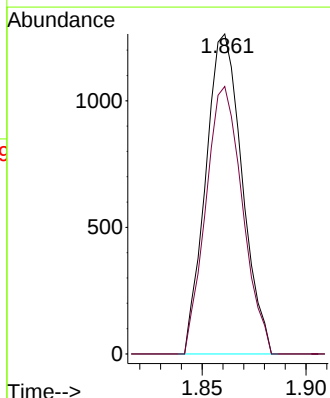
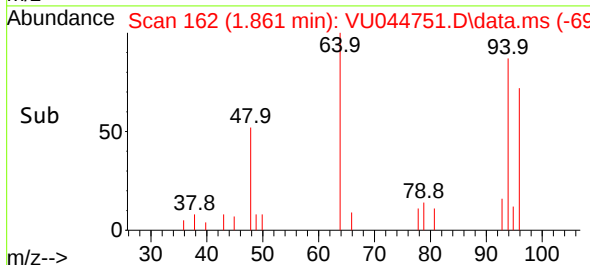
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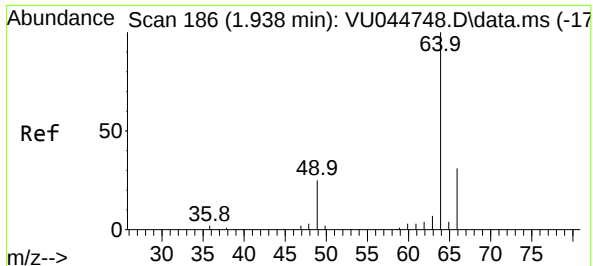


#6
 Bromomethane
 Concen: 0.239 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044751.D
 Acq: 22 Sep 2021 11:53



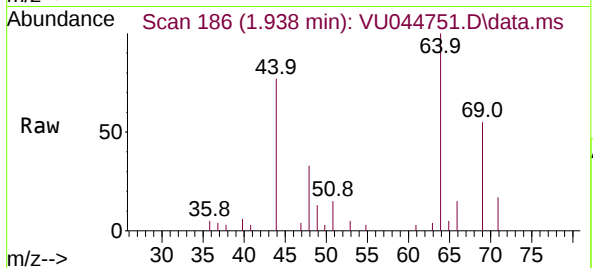
Tgt Ion: 94 Resp: 1541
 Ion Ratio Lower Upper
 94 100
 96 83.6 66.4 123.4





#8
Chloroethane
Concen: 0.290 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

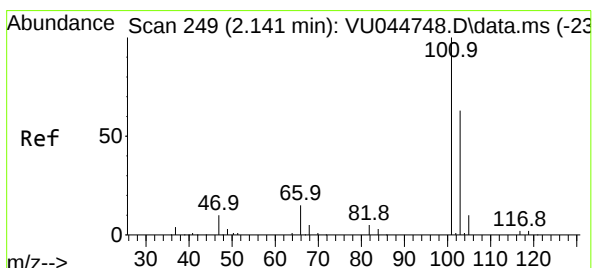
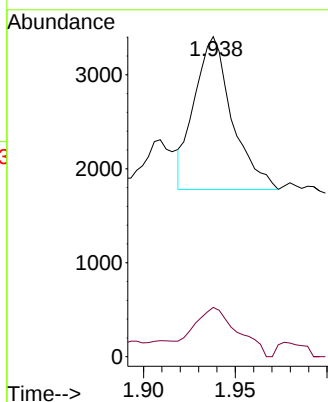
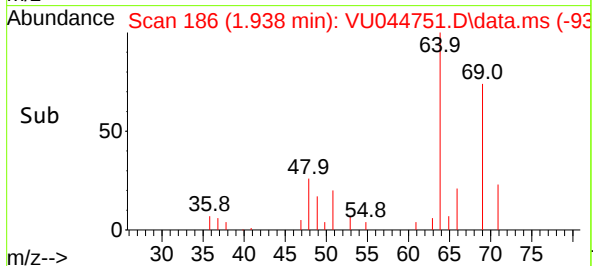
Instrument :
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ClientSampled :
MDL06



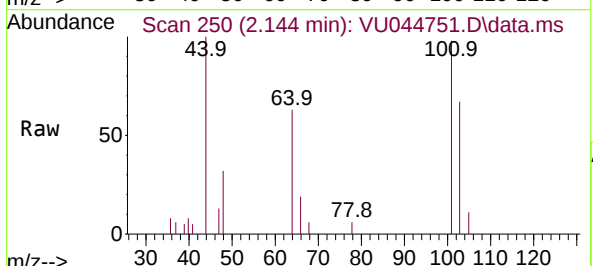
Tgt Ion: 64 Resp: 2320
Ion Ratio Lower Upper
64 100
66 15.4 22.1 41.1#

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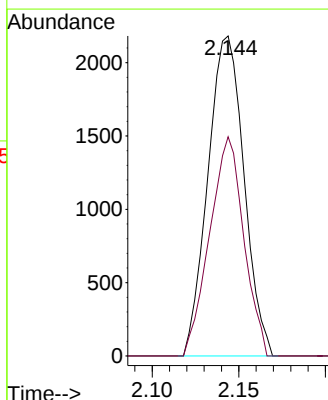
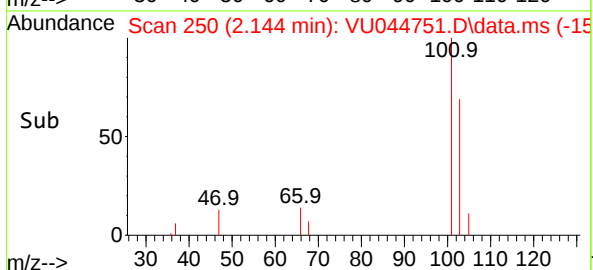
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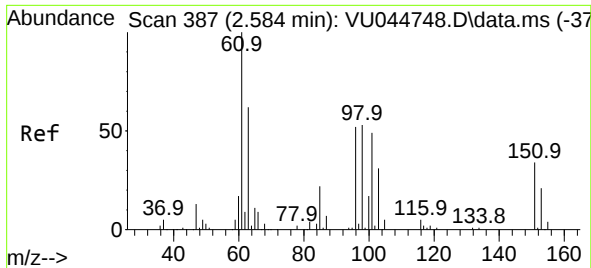


#9
Trichlorofluoromethane
Concen: 0.224 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53



Tgt Ion: 101 Resp: 3165
Ion Ratio Lower Upper
101 100
103 64.7 51.2 76.8





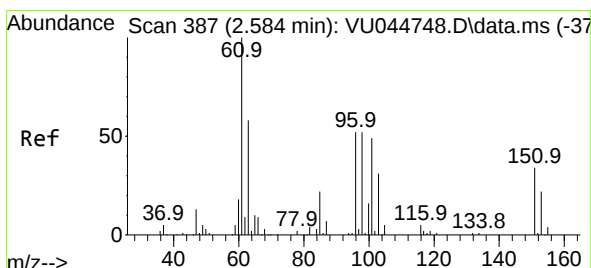
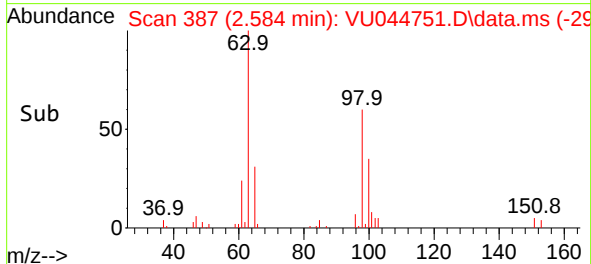
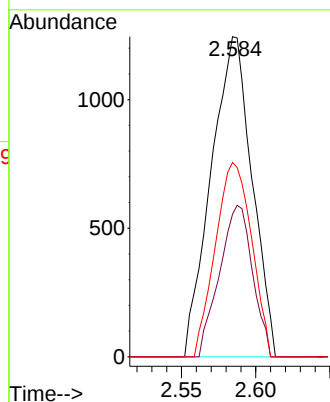
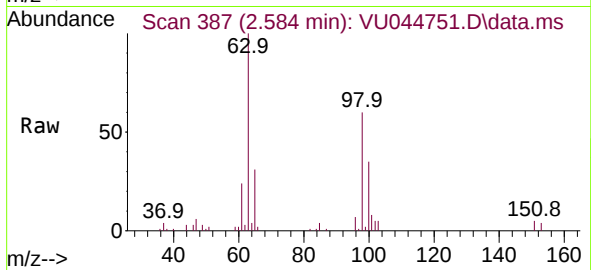
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.274 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU044751.D
 Acq: 22 Sep 2021 11:53

Instrument :
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Tgt Ion:101 Resp: 2380
 Ion Ratio Lower Upper
 101 100
 85 38.2 35.4 53.2
 151 53.9 53.9 80.9#

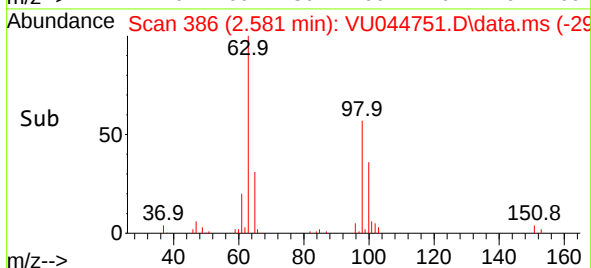
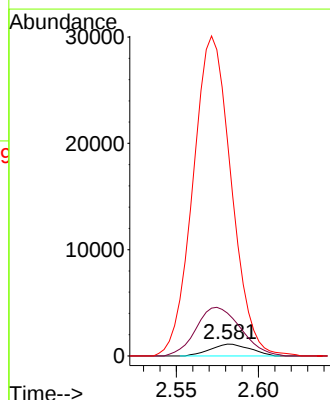
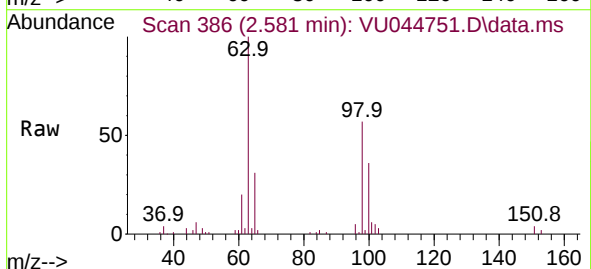
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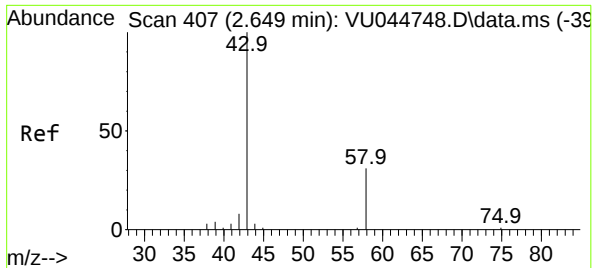
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#12
 1,1-Dichloroethene
 Concen: 0.227 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU044751.D
 Acq: 22 Sep 2021 11:53

Tgt Ion: 96 Resp: 1876
 Ion Ratio Lower Upper
 96 100
 61 360.9 129.3 240.1#
 63 1820.8 91.3 169.5#





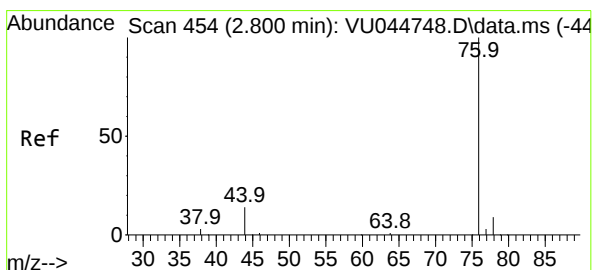
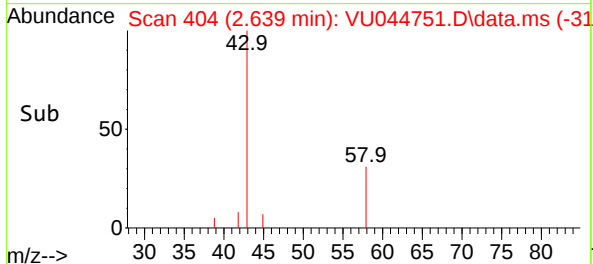
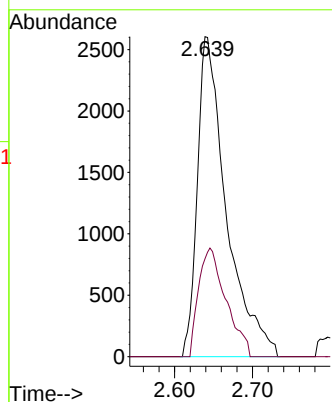
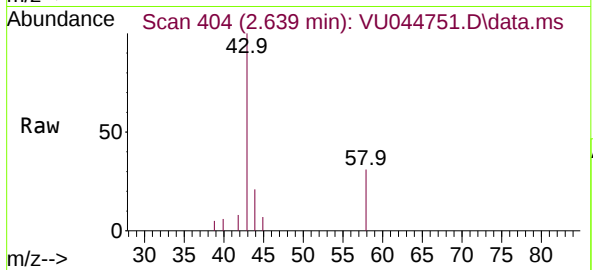
#13
Acetone
Concen: 3.249 ug/L
RT: 2.639 min Scan# 404
Delta R.T. -0.010 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 6726
Ion Ratio Lower Upper
43 100
58 32.0 0.0 42.4

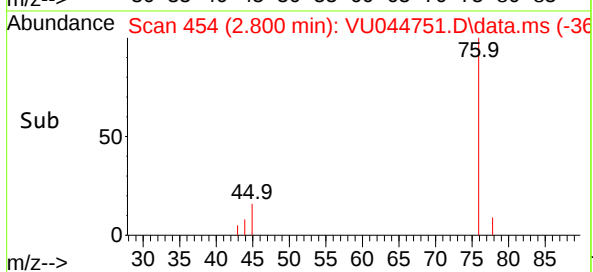
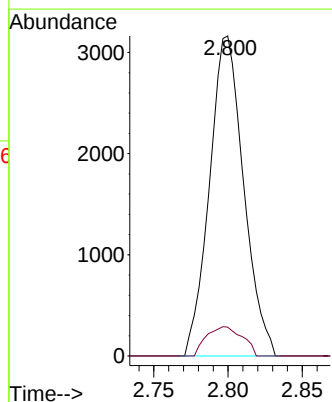
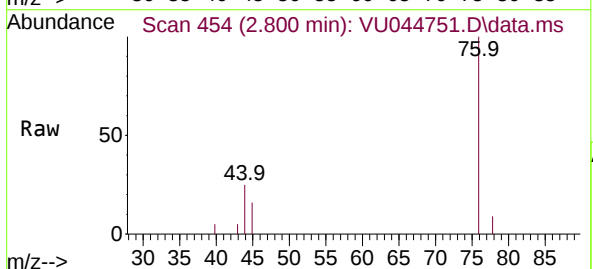
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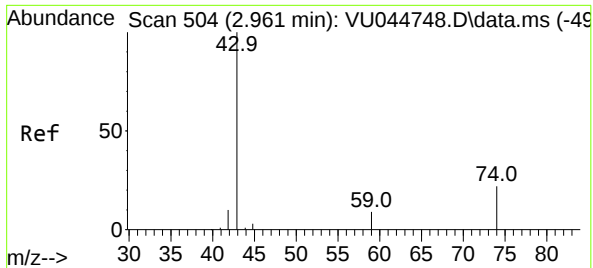
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#14
Carbon disulfide
Concen: 0.194 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 76 Resp: 5060
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





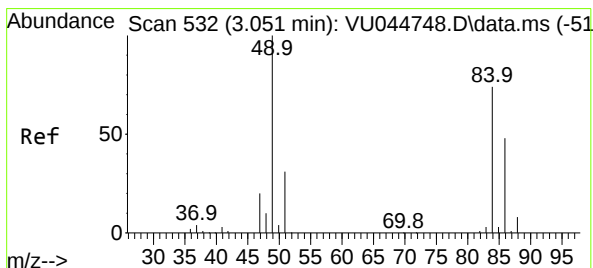
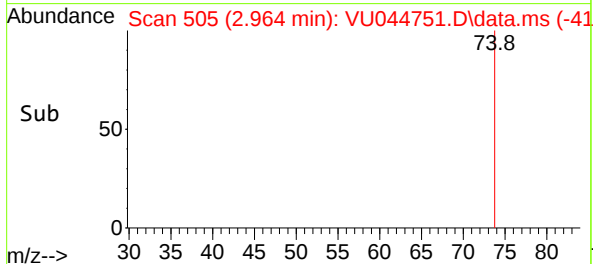
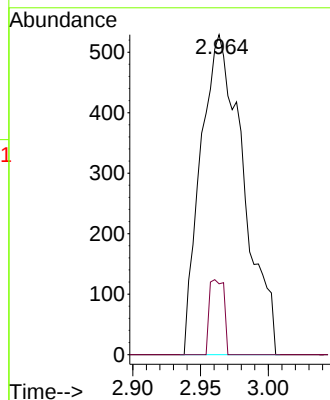
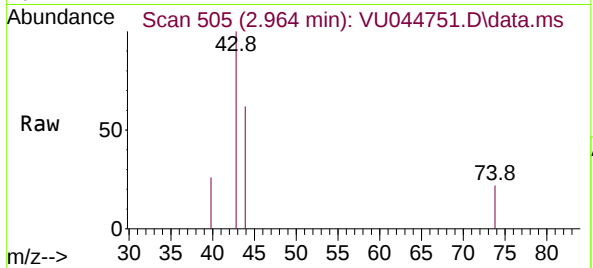
#15
Methyl Acetate
Concen: 0.310 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
74 8.0 20.6 30.8#

Instrument :
MSVOA_U
ClientSampleId :
MDL06

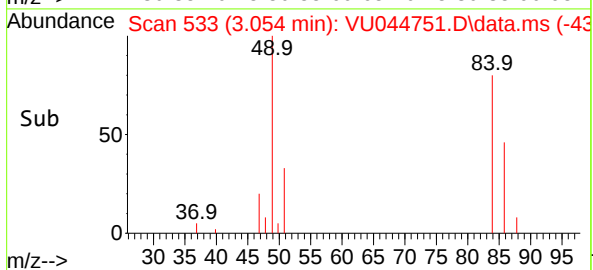
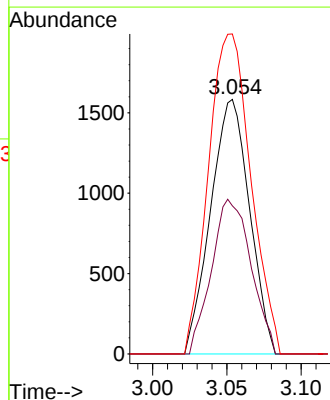
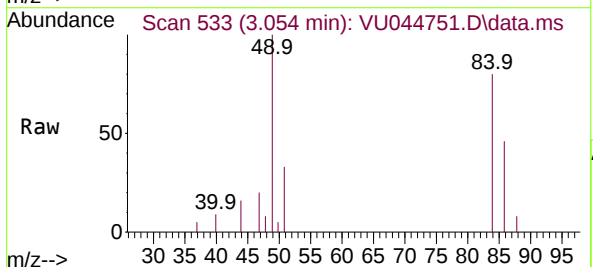
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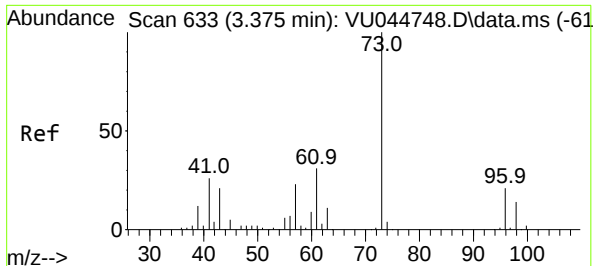
MMDadoda
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#16
Methylene chloride
Concen: 0.220 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 84 Resp: 2889
Ion Ratio Lower Upper
84 100
86 58.2 45.8 85.2
49 132.3 92.9 172.5





#17

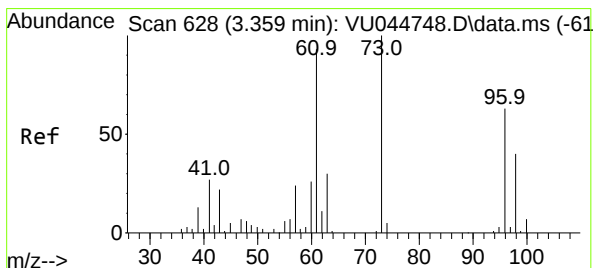
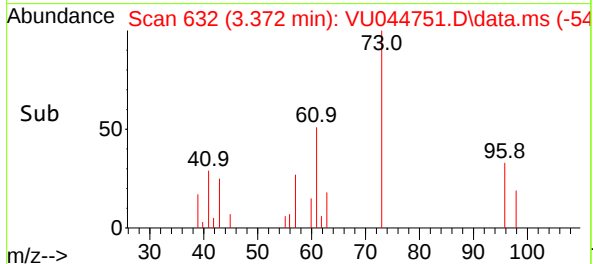
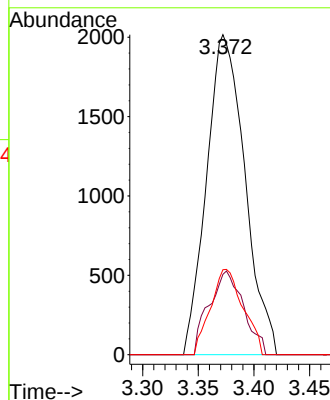
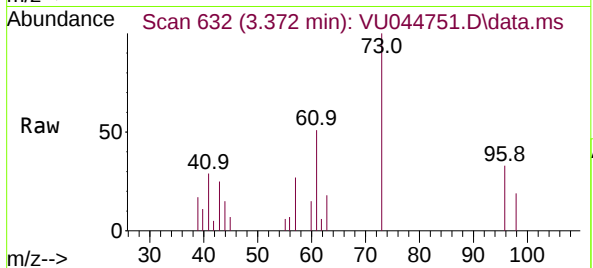
Methyl tert-butyl Ether
Concen: 0.211 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 73	Resp: 4813
Ion Ratio	Lower Upper
73 100	
43 23.6	17.8 26.6
57 22.8	18.6 27.8

Instrument :
MSVOA_U
ClientSampled :
MDL06

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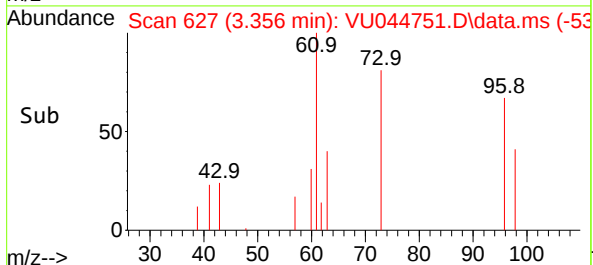
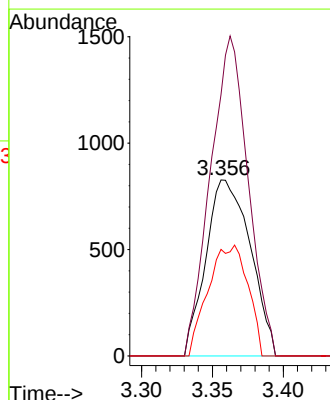
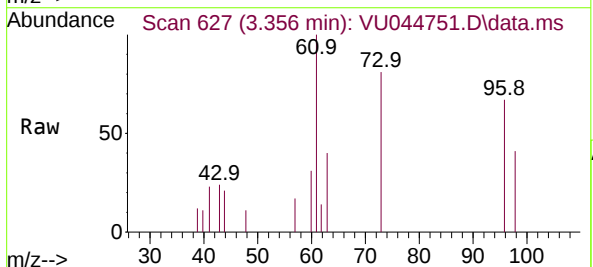
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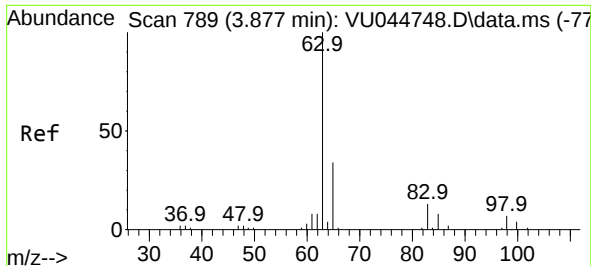


#18

trans-1,2-Dichloroethene
Concen: 0.206 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 96	Resp: 1804		
Ion Ratio	Lower	Upper	
96	100		
61	148.5	107.2	199.0
98	60.6	42.8	79.6





#19

1,1-Dichloroethane

Concen: 0.230 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU044751.D

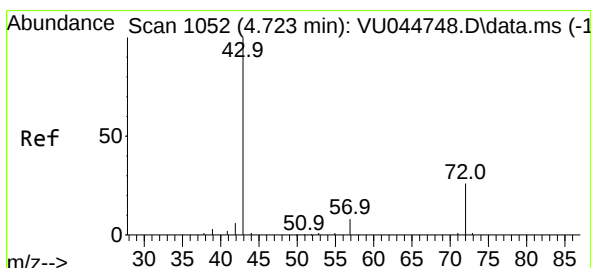
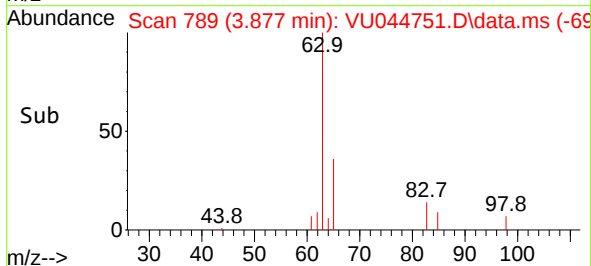
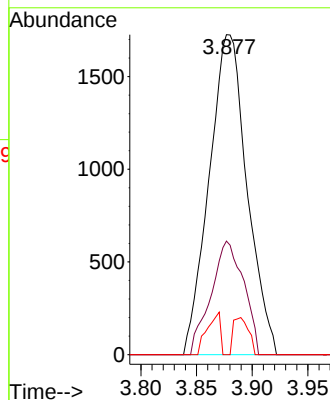
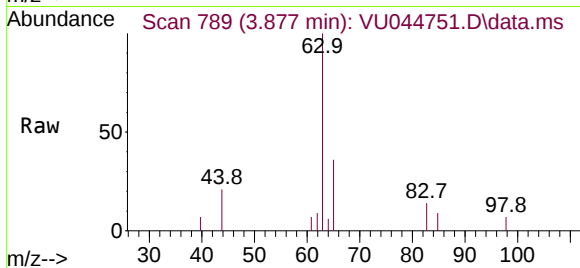
Acq: 22 Sep 2021 11:53

Tgt Ion:	63	Resp:	4086
Ion Ratio	Lower	Upper	
63	100		
65	35.5	21.8	40.6
83	0.0	8.8	16.3#

Instrument :
MSVOA_U
ClientSampleId :
MDL06

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#21

2-Butanone

Concen: 2.229 ug/L m

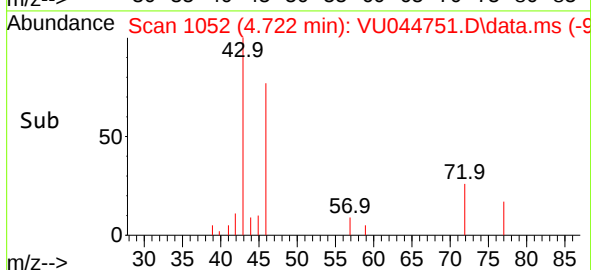
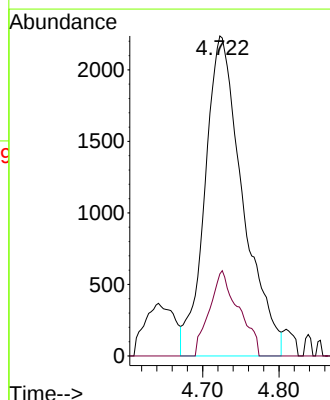
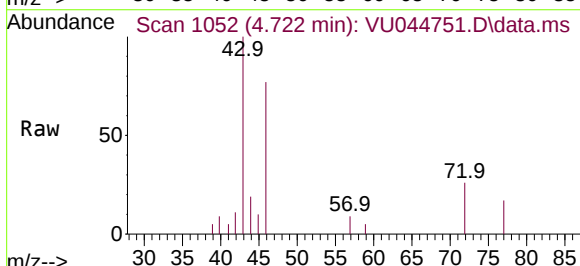
RT: 4.722 min Scan# 1052

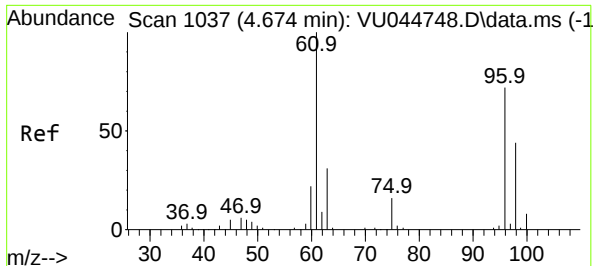
Delta R.T. -0.000 min

Lab File: VU044751.D

Acq: 22 Sep 2021 11:53

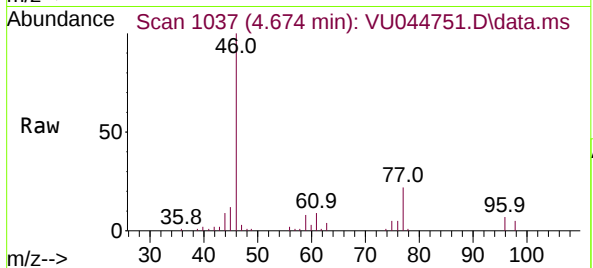
Tgt Ion:	43	Resp:	7707
Ion Ratio	Lower	Upper	
43	100		
72	20.6	9.2	27.4





#22
cis-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

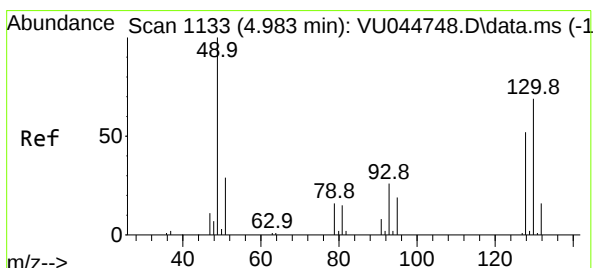
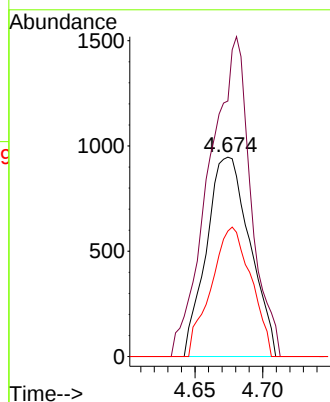
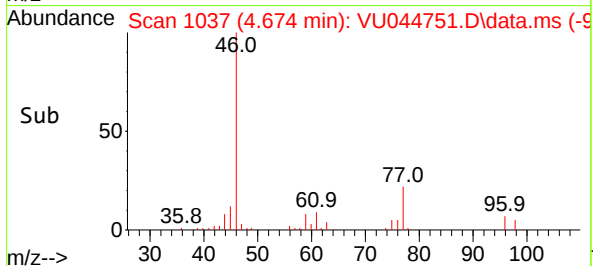
Instrument :
MSVOA_U
ClientSampled :
MDL06



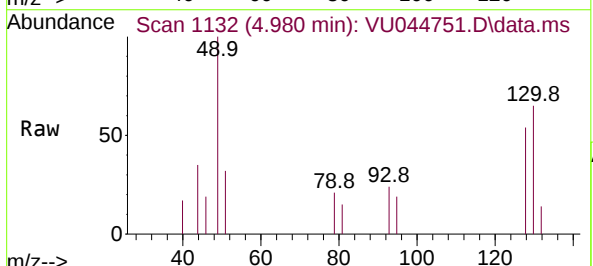
Tgt Ion: 96 Resp: 2112
Ion Ratio Lower Upper
96 100
61 128.2 96.9 179.9
98 62.9 43.5 80.7

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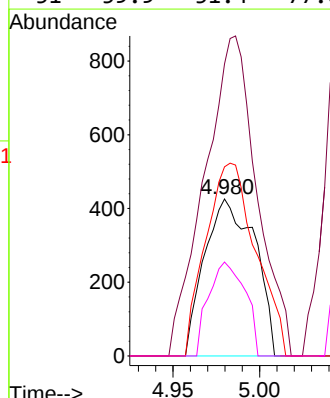
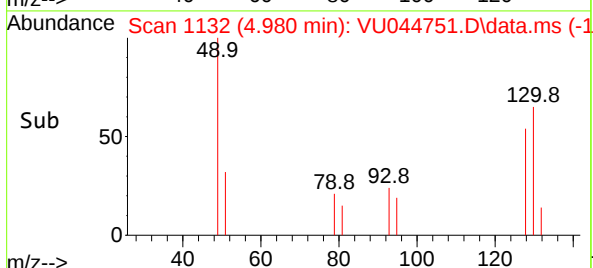
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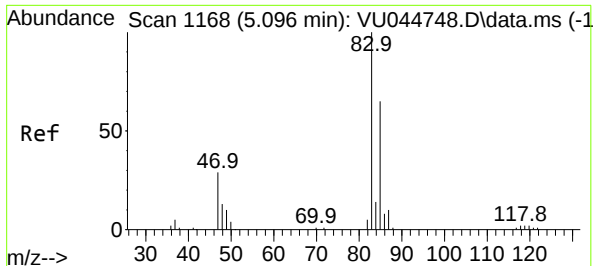


#23
Bromochloromethane
Concen: 0.210 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53



Tgt Ion: 128 Resp: 859
Ion Ratio Lower Upper
128 100
49 185.9 141.4 262.6
130 120.4 94.3 175.1
51 59.9 51.4 77.0





#25

Chloroform

Concen: 0.313 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU044751.D

Acq: 22 Sep 2021 11:53

Tgt Ion: 83 Resp: 5921

Ion Ratio Lower Upper

83 100

85 62.3 44.2 82.0

Instrument :

MSVOA_U

ClientSampled :

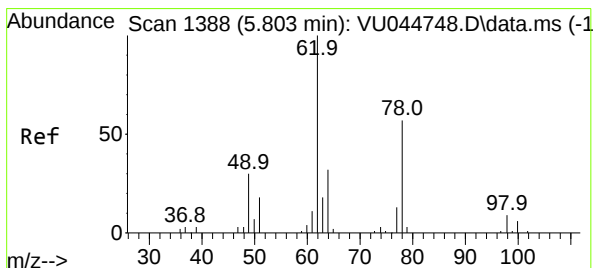
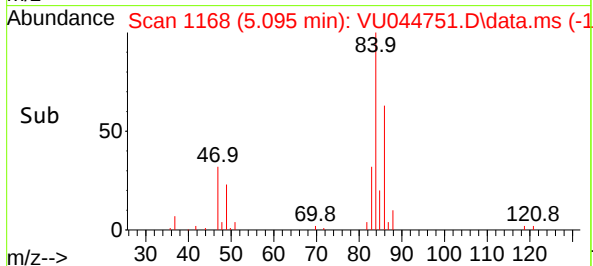
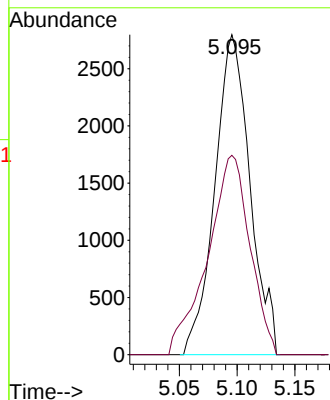
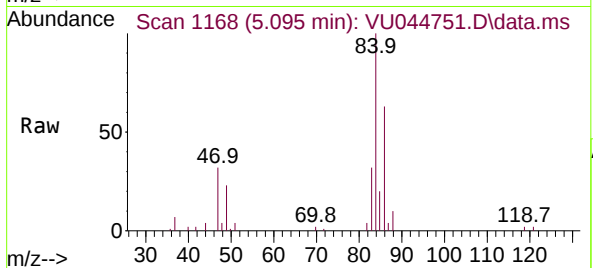
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#27

1,2-Dichloroethane

Concen: 0.257 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VU044751.D

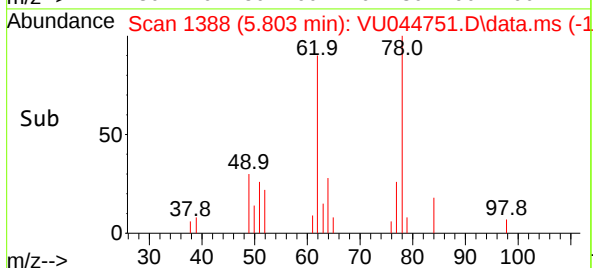
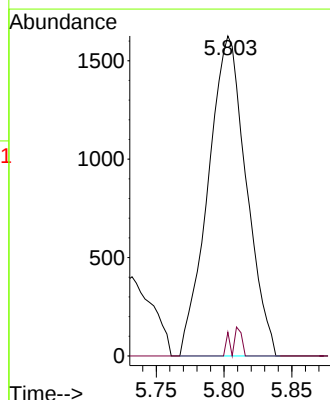
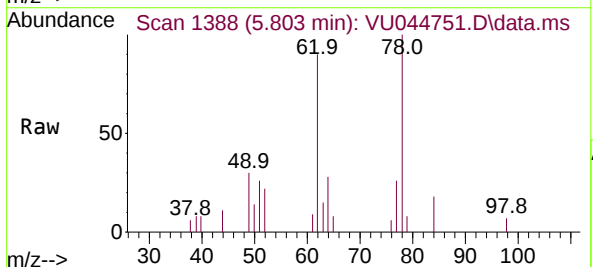
Acq: 22 Sep 2021 11:53

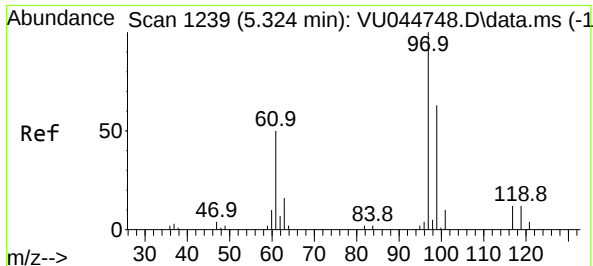
Tgt Ion: 62 Resp: 3182

Ion Ratio Lower Upper

62 100

98 7.4 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 0.223 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU044751.D

Acq: 22 Sep 2021 11:53

Tgt Ion:	97	Resp:	3150
Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.7	76.1
61	51.1	40.6	60.8

Instrument :

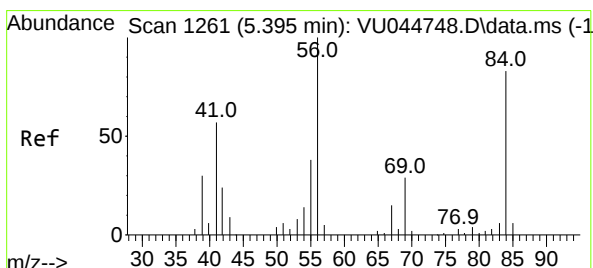
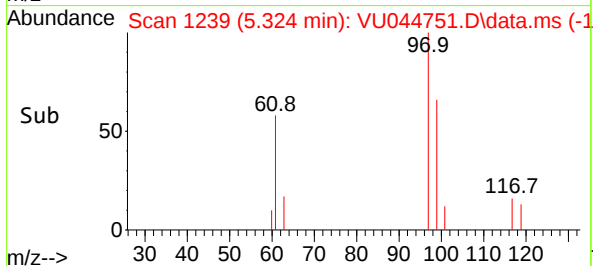
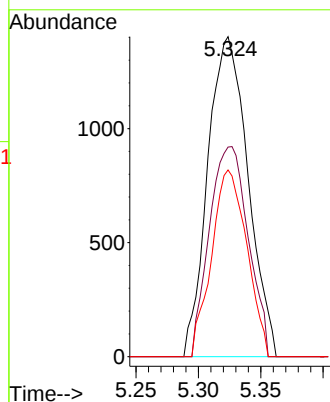
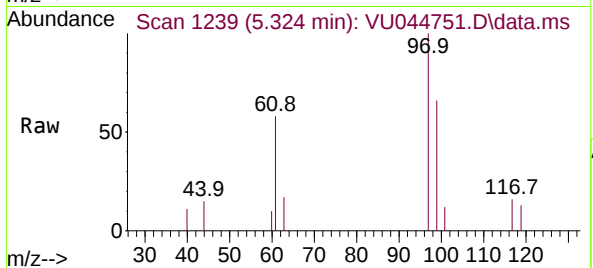
MSVOA_U

ClientSampled :

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#30

Cyclohexane

Concen: 0.175 ug/L

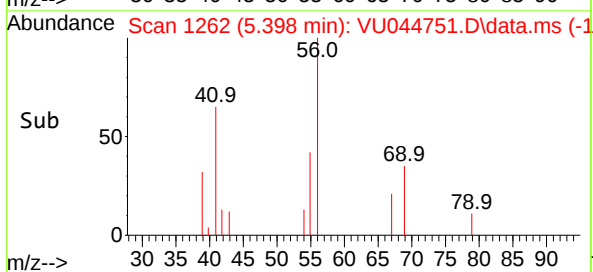
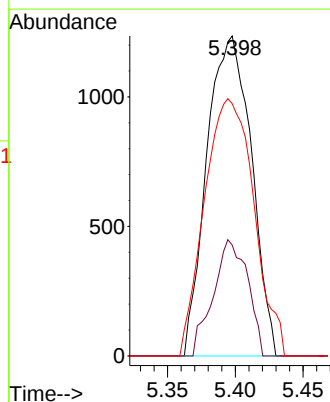
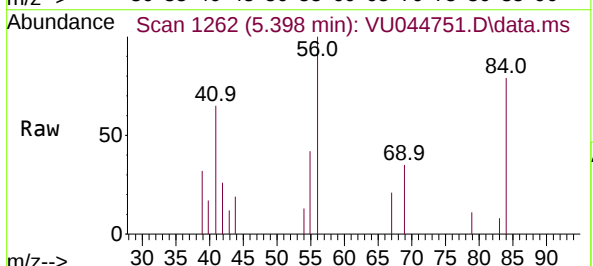
RT: 5.398 min Scan# 1262

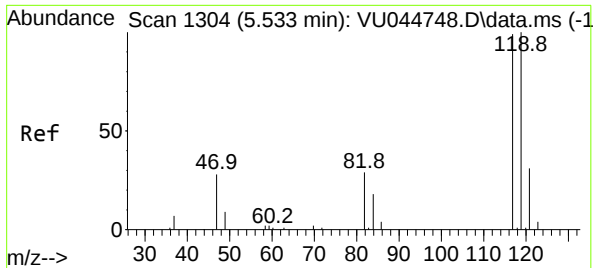
Delta R.T. 0.003 min

Lab File: VU044751.D

Acq: 22 Sep 2021 11:53

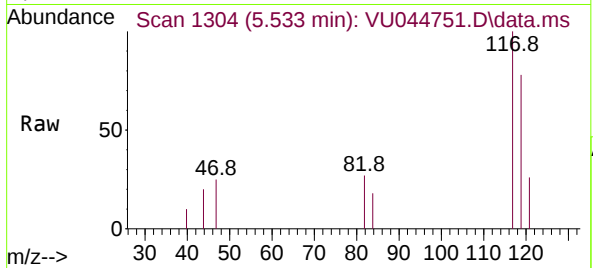
Tgt Ion:	56	Resp:	2817
Ion	Ratio	Lower	Upper
56	100		
69	28.1	23.4	35.2
84	89.3	65.5	98.3





#31
Carbon tetrachloride
Concen: 0.228 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

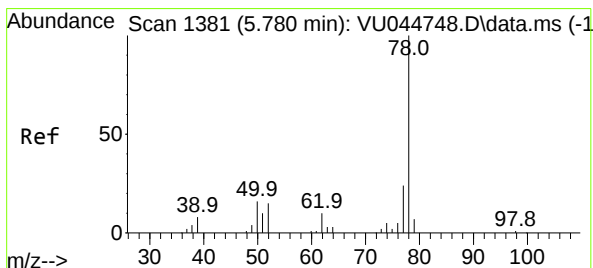
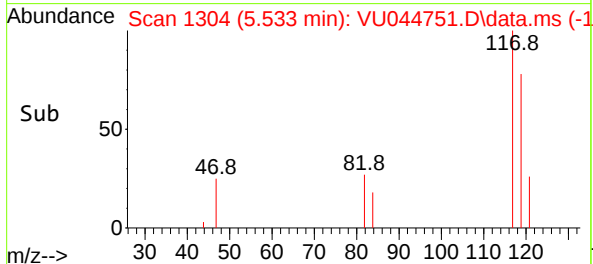
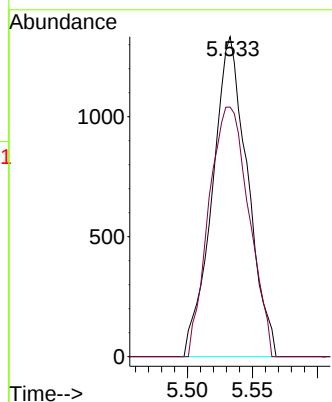
Instrument :
MSVOA_U
ClientSampleId :
MDL06



Tgt Ion:117 Resp: 2510
Ion Ratio Lower Upper
117 100
119 88.8 76.4 114.6

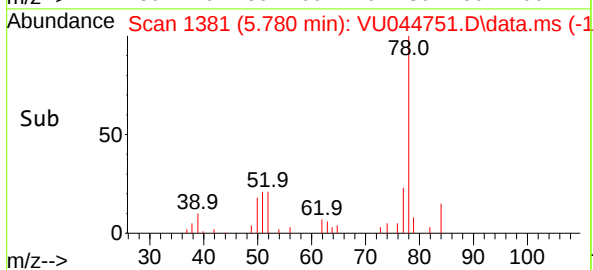
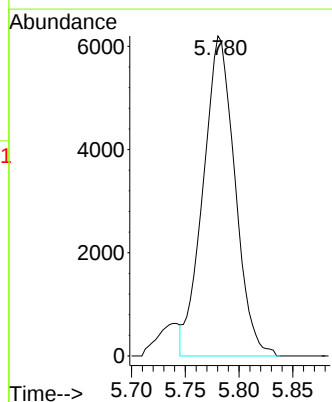
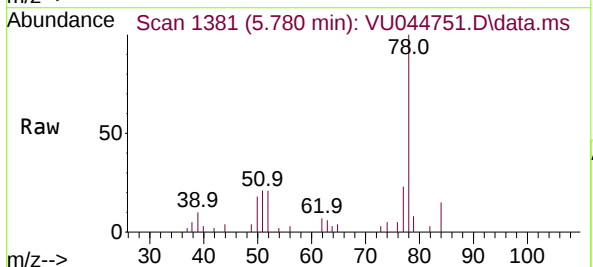
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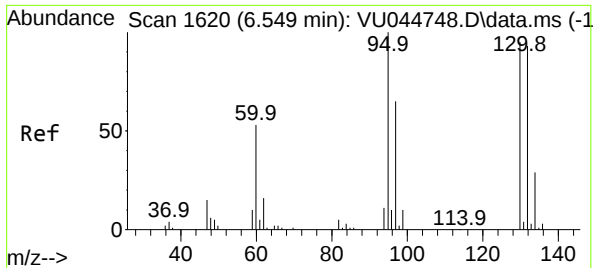
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#33
Benzene
Concen: 0.332 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 78 Resp: 12759





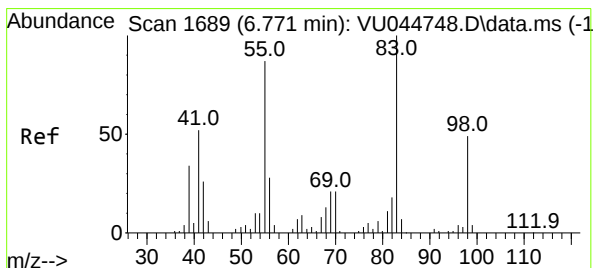
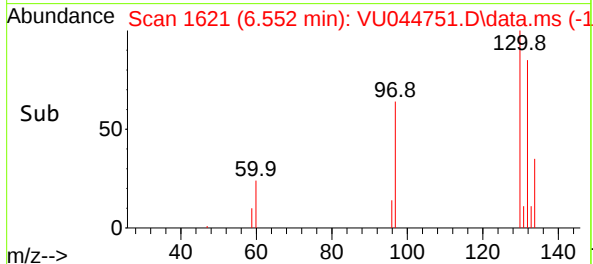
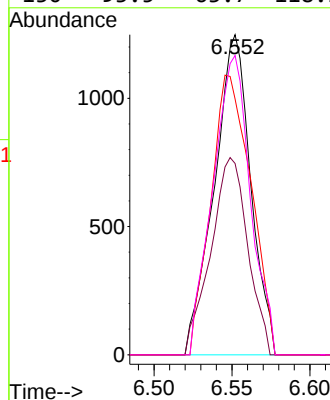
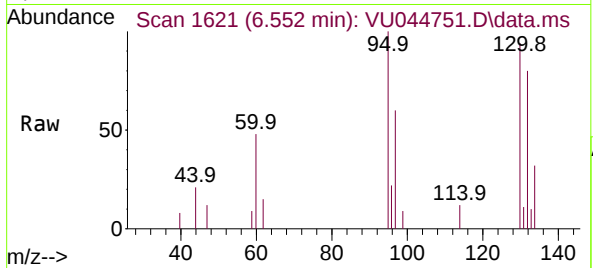
#34
Trichloroethene
Concen: 0.214 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion:	95	Resp:	2033
Ion	Ratio	Lower	Upper
95	100		
97	59.8	44.7	82.9
132	79.9	60.3	111.9
130	93.5	63.7	118.3

Instrument :
MSVOA_U
ClientSampled :
MDL06

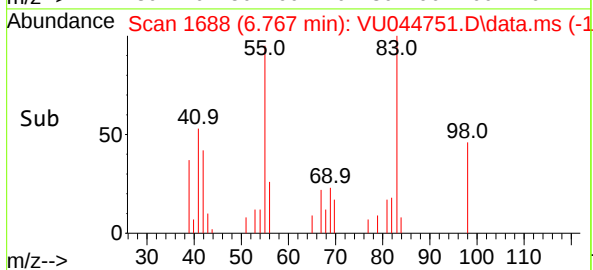
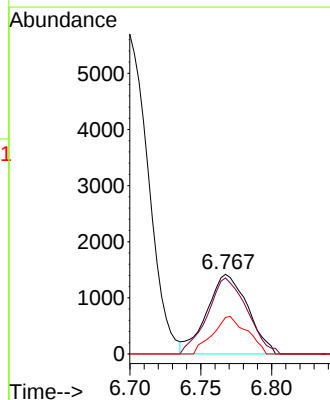
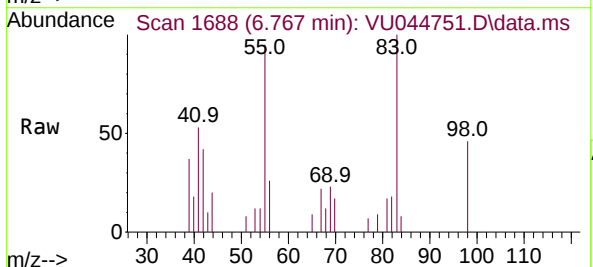
Manual Integrations
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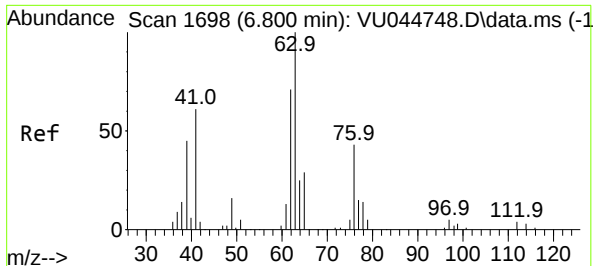
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#35
Methylcyclohexane
Concen: 0.182 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

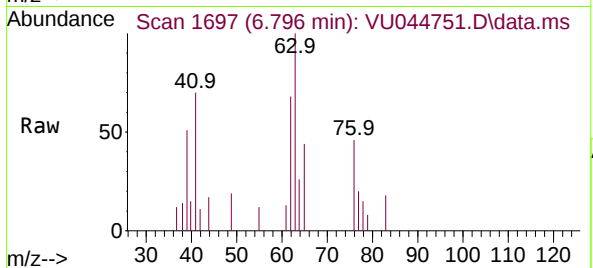
Tgt Ion:	83	Resp:	2847
Ion	Ratio	Lower	Upper
83	100		
55	92.1	68.3	102.5
98	39.4	37.3	55.9





#37
1,2-Dichloropropane
Concen: 0.223 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

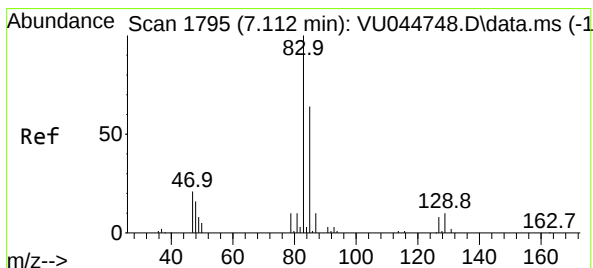
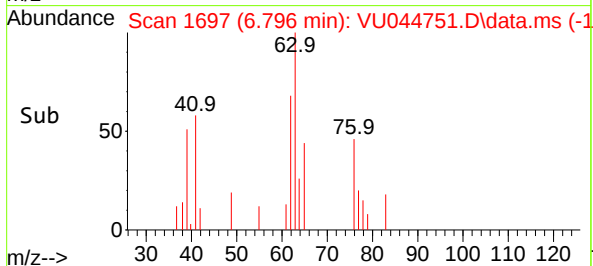
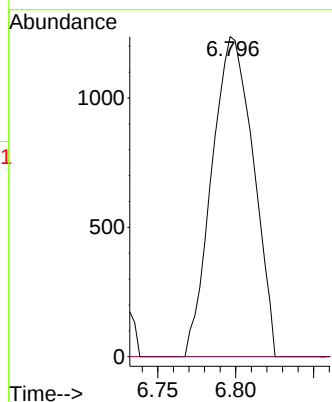
Instrument :
MSVOA_U
ClientSampled :
MDL06



Tgt Ion: 63 Resp: 2291
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

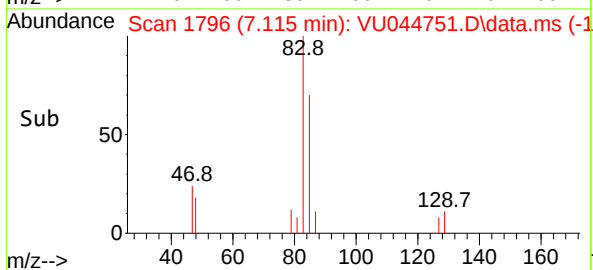
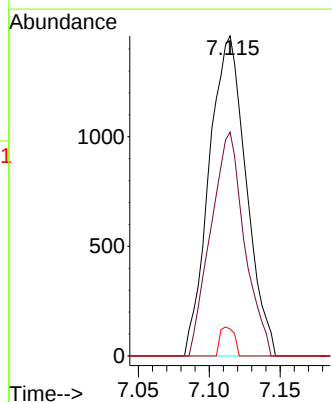
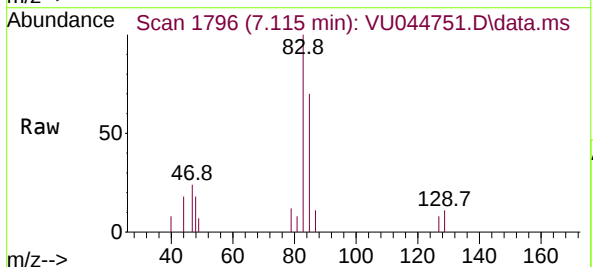
Manual Integrations
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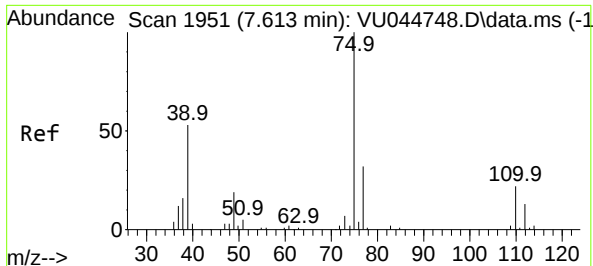
MMDadoda
9/24/2021 1:35:24 PM



#38
Bromodichloromethane
Concen: 0.212 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

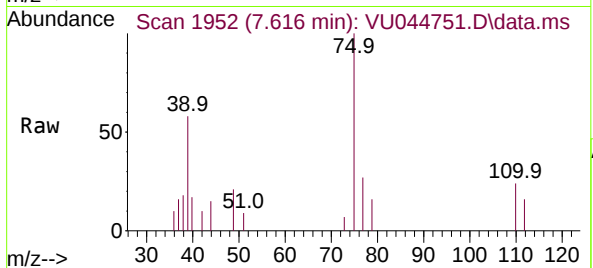
Tgt Ion: 83 Resp: 2647
Ion Ratio Lower Upper
83 100
85 69.9 46.3 86.1
127 8.4 6.0 9.0





#39
 cis-1,3-Dichloropropene
 Concen: 0.186 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.003 min
 Lab File: VU044751.D
 Acq: 22 Sep 2021 11:53

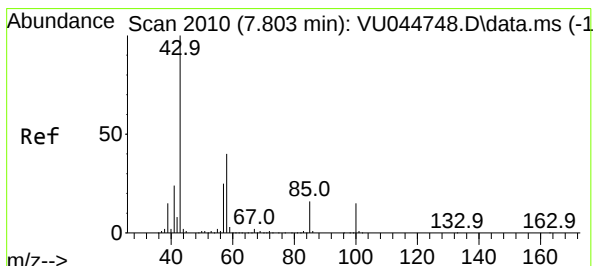
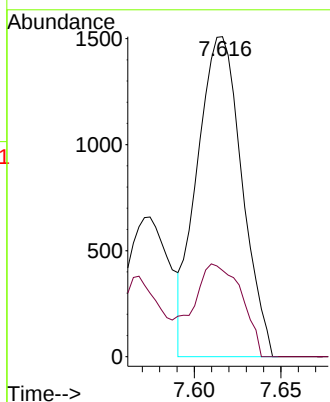
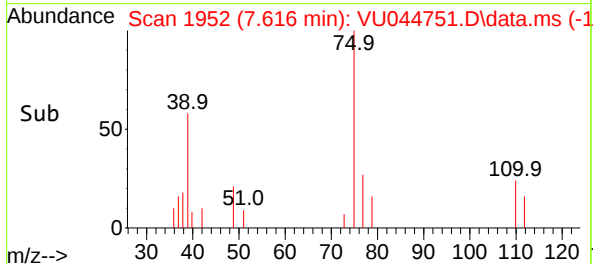
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06



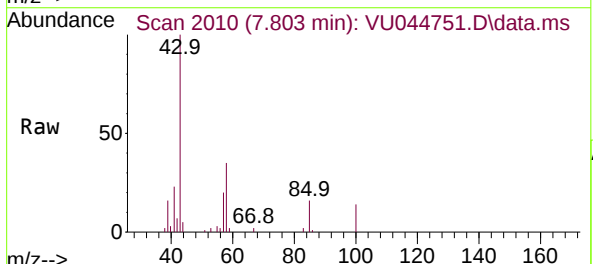
Tgt Ion: 75 Resp: 2717
 Ion Ratio Lower Upper
 75 100
 77 27.0 21.5 39.9

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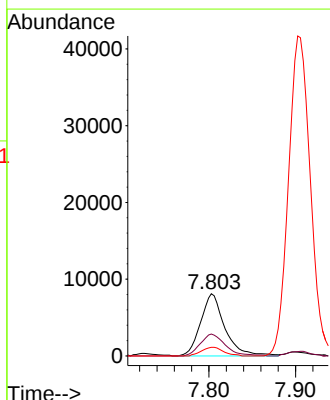
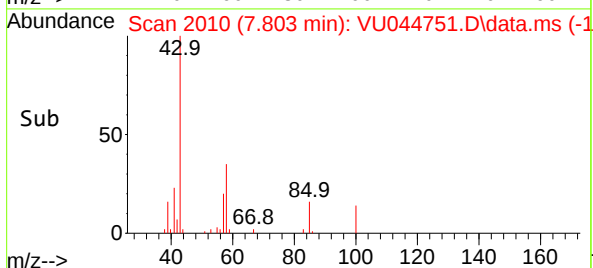
MMDadoda
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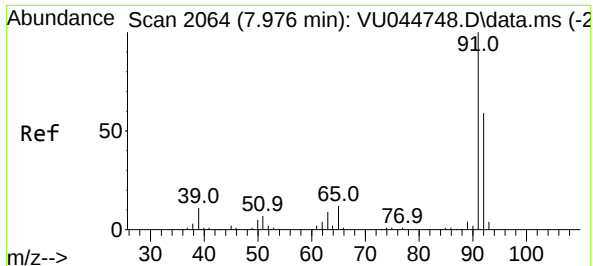


#40
 4-Methyl-2-pentanone
 Concen: 1.968 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.000 min
 Lab File: VU044751.D
 Acq: 22 Sep 2021 11:53



Tgt Ion: 43 Resp: 15758
 Ion Ratio Lower Upper
 43 100
 58 36.6 31.2 46.8
 100 0.0 11.4 17.0#





#42

Toluene

Concen: 0.274 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU044751.D

Acq: 22 Sep 2021 11:53

Tgt Ion: 91 Resp: 10989

Ion Ratio Lower Upper

91 100

92 56.9 41.1 76.3

Instrument :

MSVOA_U

ClientSampleId :

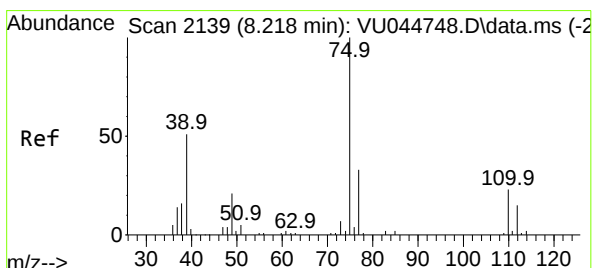
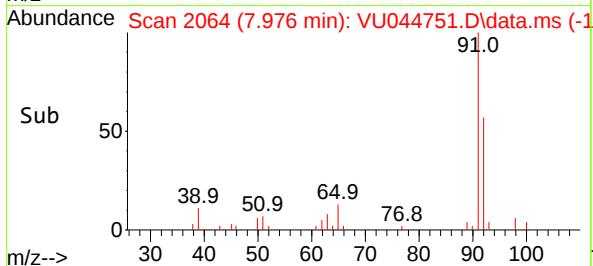
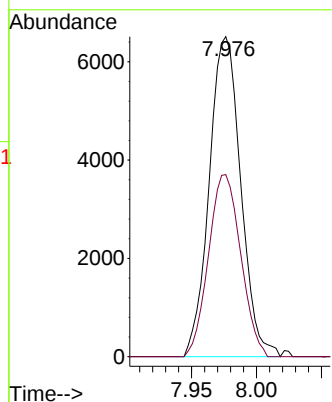
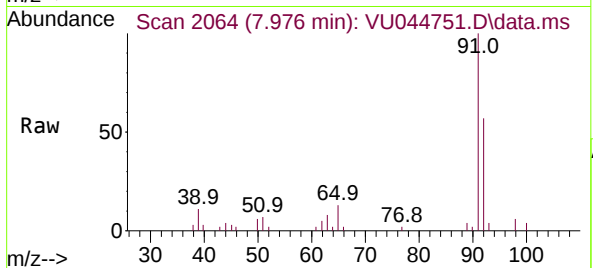
MDL06

Manual Integrations

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#44

trans-1,3-Dichloropropene

Concen: 0.222 ug/L

RT: 8.217 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU044751.D

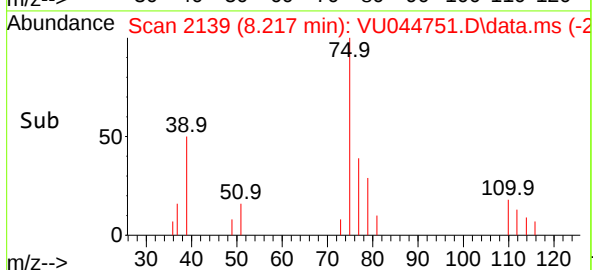
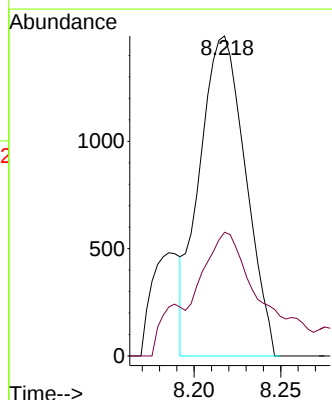
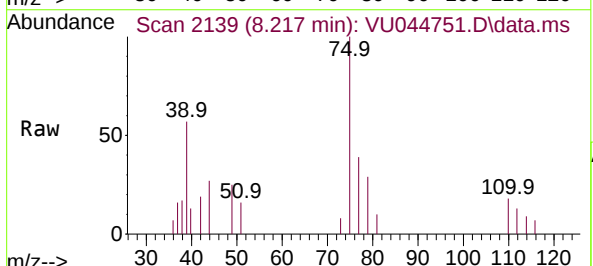
Acq: 22 Sep 2021 11:53

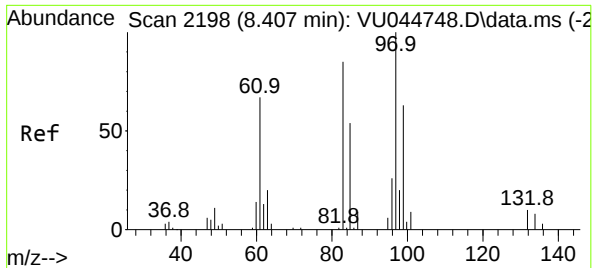
Tgt Ion: 75 Resp: 2756

Ion Ratio Lower Upper

75 100

77 38.6 22.0 41.0





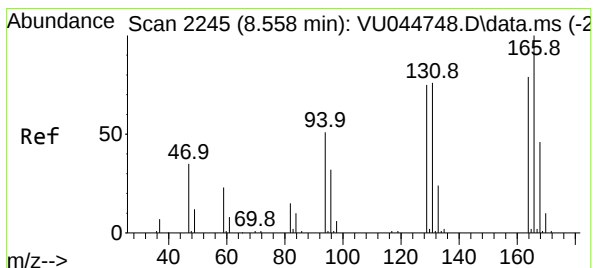
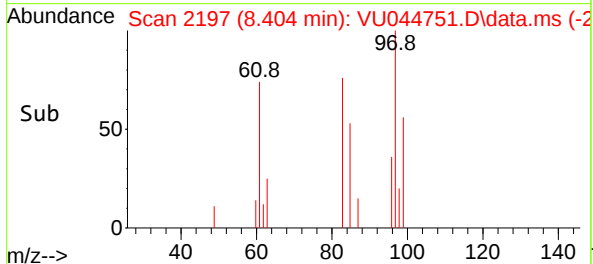
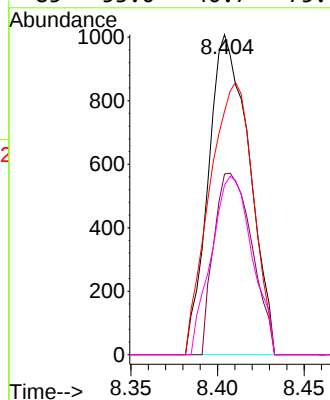
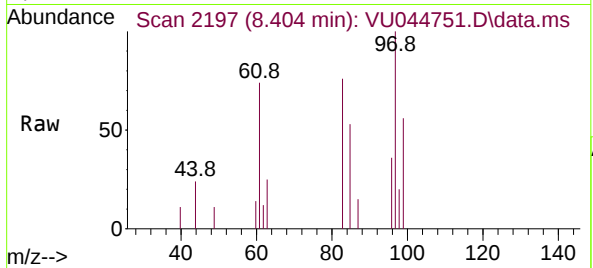
#45
1,1,2-Trichloroethane
Concen: 0.226 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion:	97	Resp:	1651
Ion	Ratio	Lower	Upper
97	100		
99	56.4	44.8	83.2
83	76.0	63.6	118.0
85	53.0	40.7	75.7

Instrument :
MSVOA_U
ClientSampleId :
MDL06

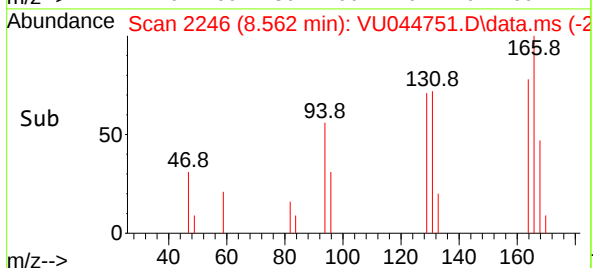
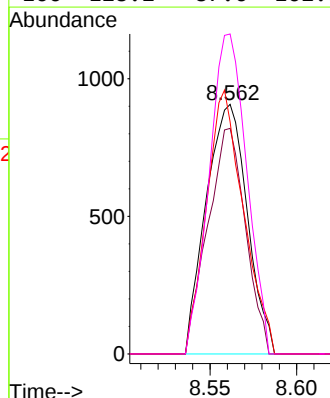
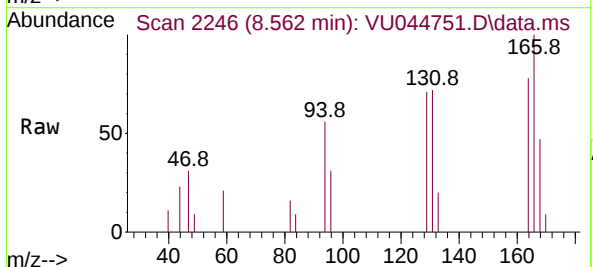
Manual Integrations
APPROVED

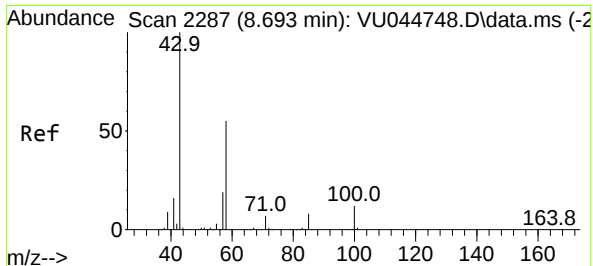
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#47
Tetrachloroethene
Concen: 0.227 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

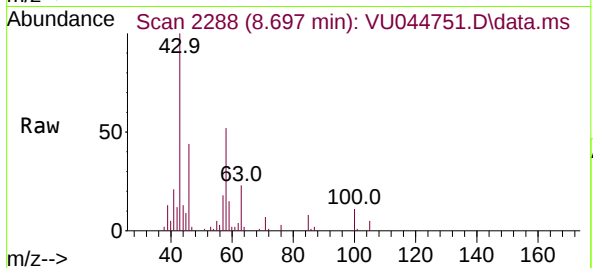
Tgt Ion:	164	Resp:	1499
Ion	Ratio	Lower	Upper
164	100		
129	90.4	67.0	124.4
131	92.9	65.2	121.0
166	128.2	87.6	162.8





#48
2-Hexanone
Concen: 2.618 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

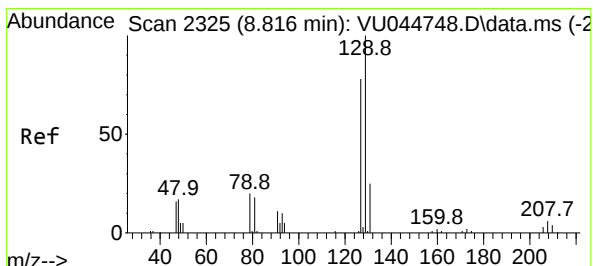
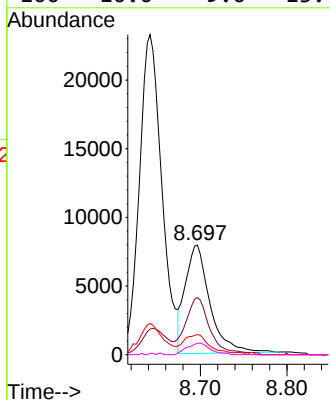
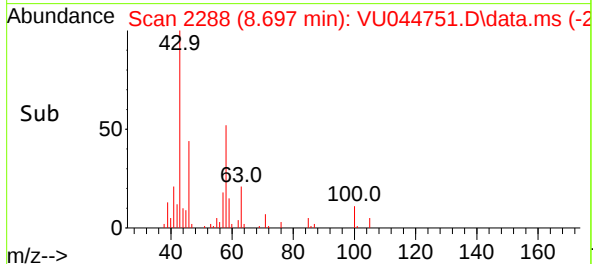
Instrument :
MSVOA_U
ClientSampled :
MDL06



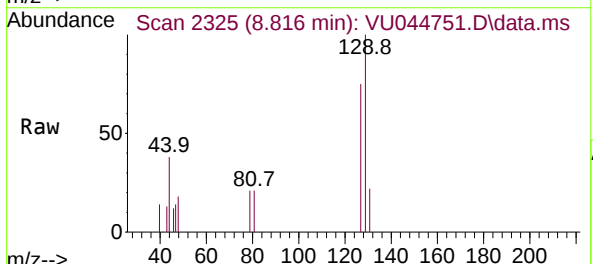
Tgt Ion: 43 Resp: 15603
Ion Ratio Lower Upper
43 100
58 53.3 44.6 66.8
57 19.9 14.8 22.2
100 10.0 9.0 13.4

Manual Integrations
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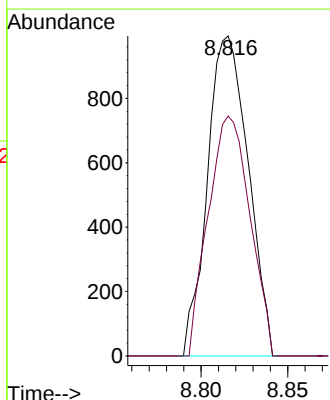
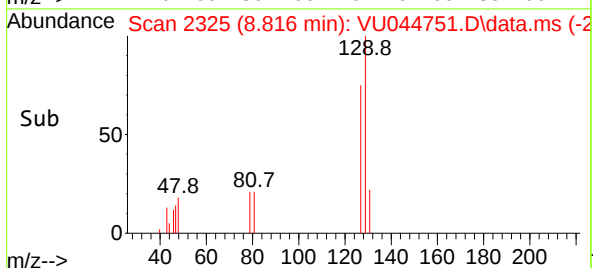
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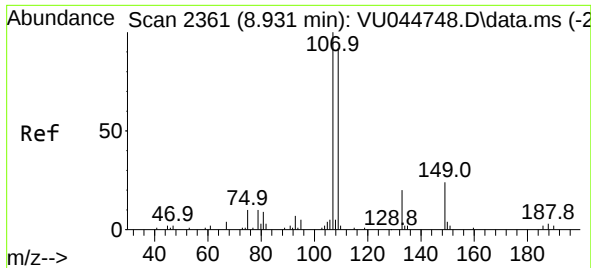


#49
Dibromochloromethane
Concen: 0.212 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53



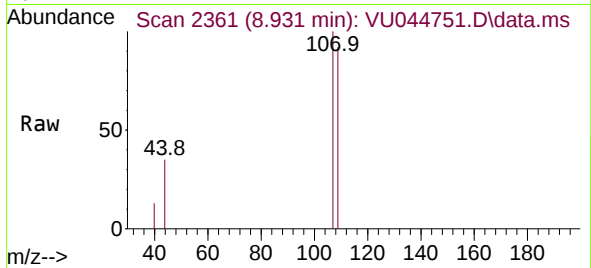
Tgt Ion: 129 Resp: 1628
Ion Ratio Lower Upper
129 100
127 74.9 53.3 99.1





#50
1,2-Dibromoethane
Concen: 0.206 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

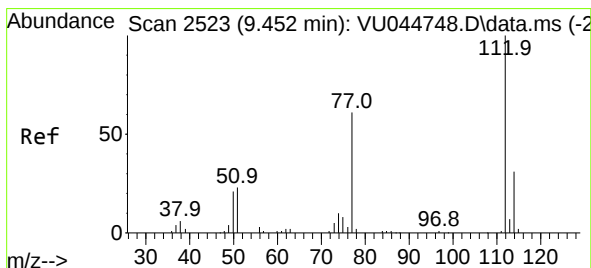
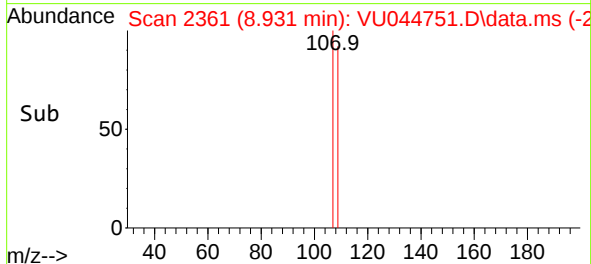
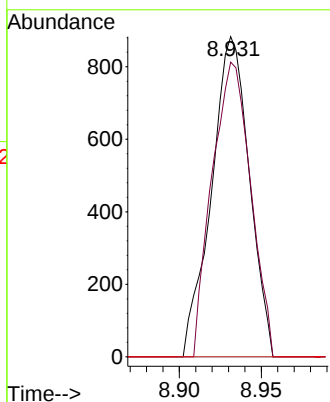
Instrument :
MSVOA_U
ClientSampleId :
MDL06



Tgt Ion:107 Resp: 1416
Ion Ratio Lower Upper
107 100
109 92.1 65.5 121.7
188 0.0 3.0 4.4#

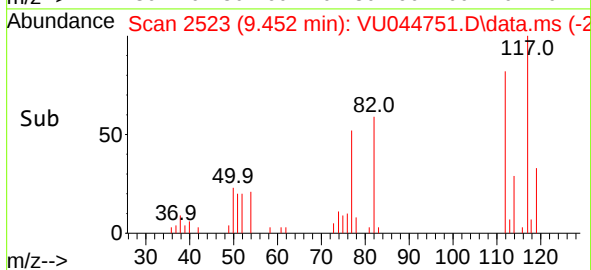
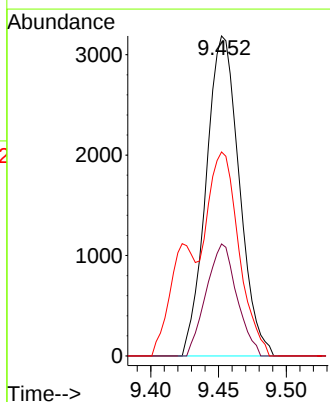
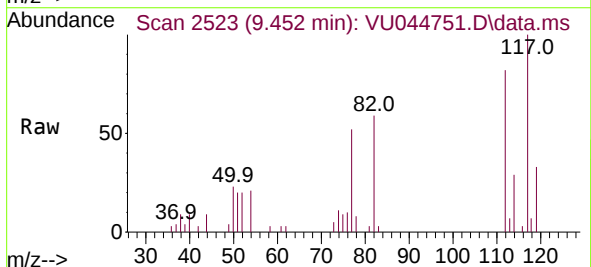
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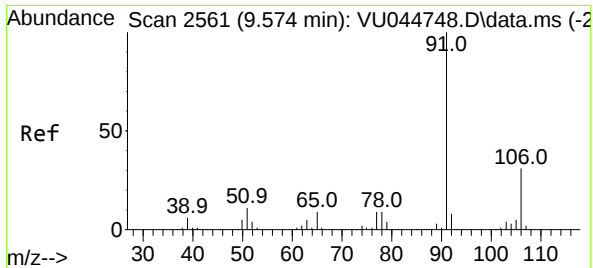
MMDadoda
9/24/2021 1:35:24 PM



#51
Chlorobenzene
Concen: 0.218 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion:112 Resp: 5418
Ion Ratio Lower Upper
112 100
114 35.0 22.8 42.4
77 63.8 51.4 77.0





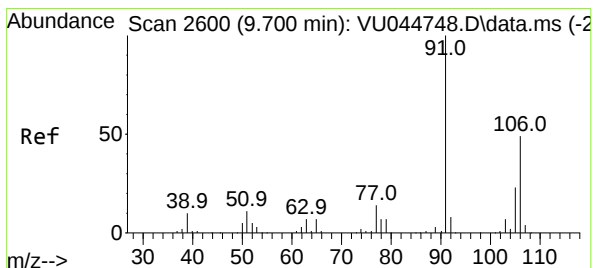
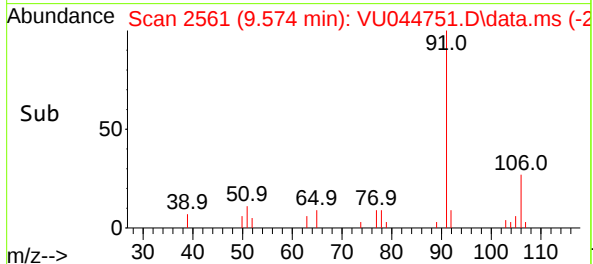
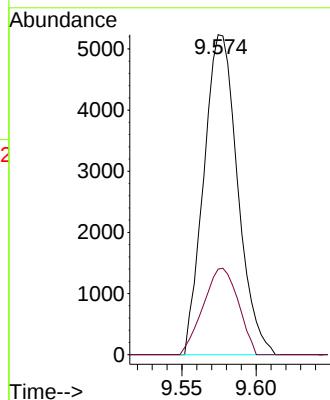
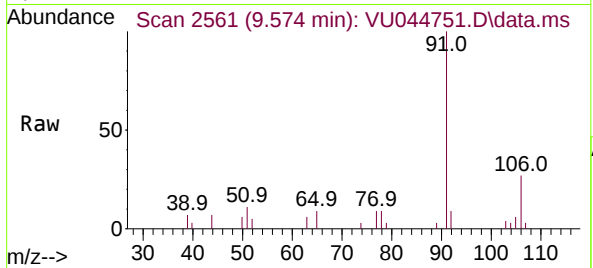
#52
Ethylbenzene
Concen: 0.191 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 91 Resp: 8295
Ion Ratio Lower Upper
91 100
106 26.7 21.1 39.1

Instrument :
MSVOA_U
ClientSampled :
MDL06

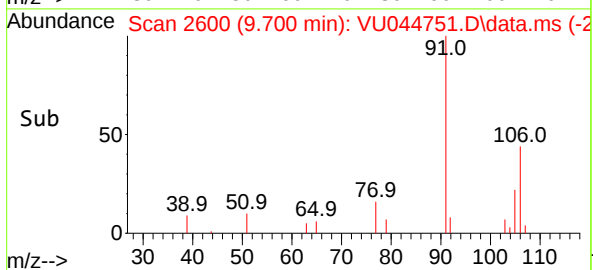
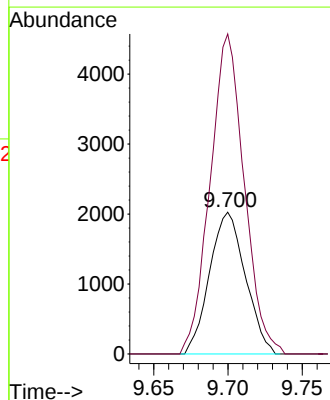
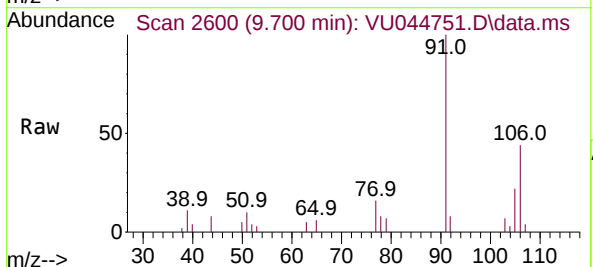
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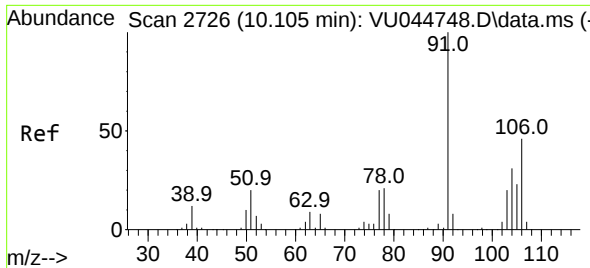
MMDadoda
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#53
m,p-Xylene
Concen: 0.206 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 106 Resp: 3402
Ion Ratio Lower Upper
106 100
91 225.8 144.6 268.6





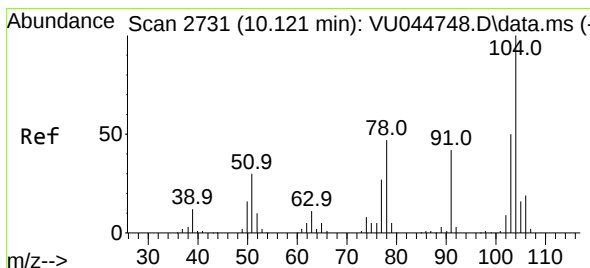
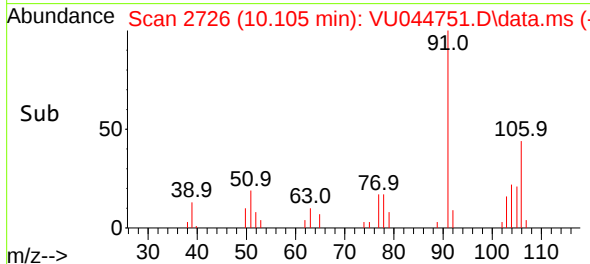
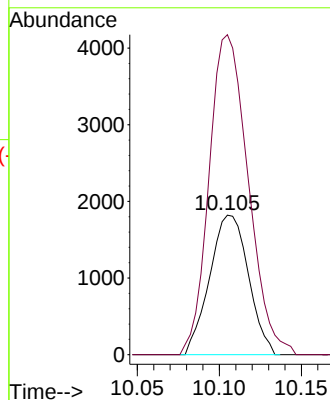
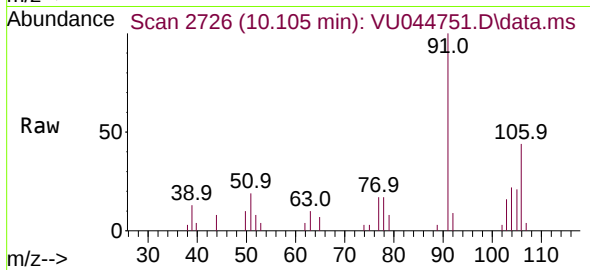
#54
o-Xylene
Concen: 0.189 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Instrument :
MSVOA_U
ClientSampled :
MDL06

Tgt Ion:106 Resp: 2984
Ion Ratio Lower Upper
106 100
91 229.3 156.2 290.0

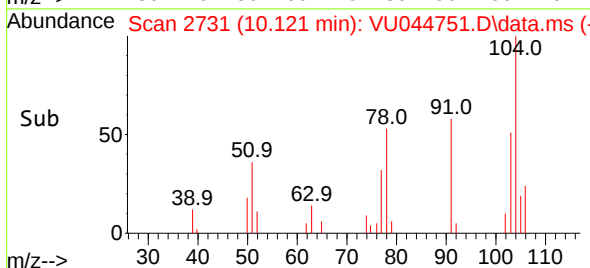
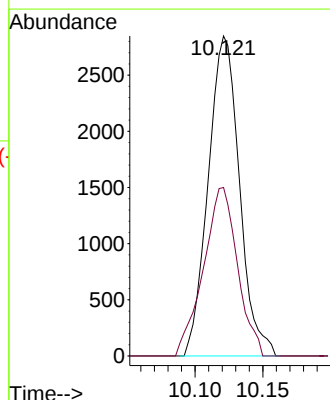
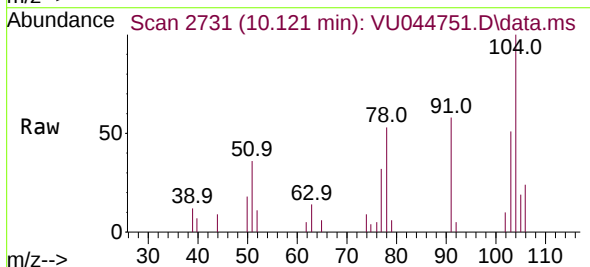
Manual Integrations
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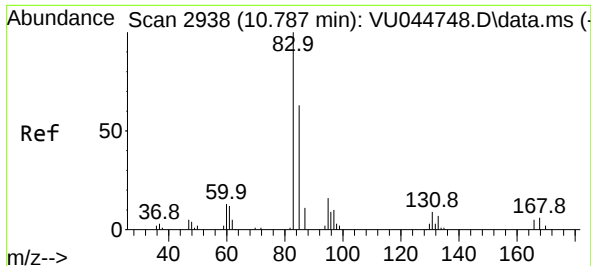
MMDadoda
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#55
Styrene
Concen: 0.165 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion:104 Resp: 4567
Ion Ratio Lower Upper
104 100
78 52.7 33.6 62.4





#57

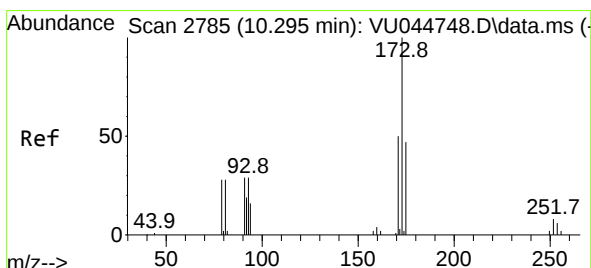
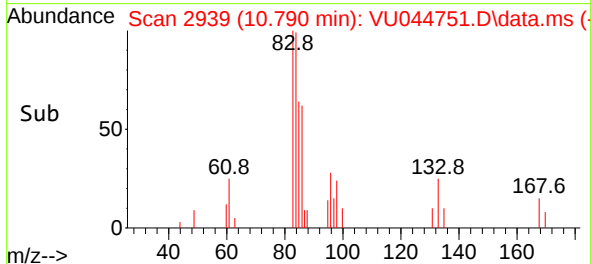
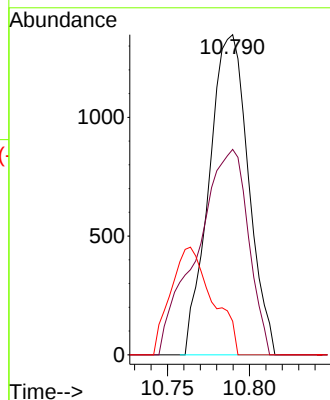
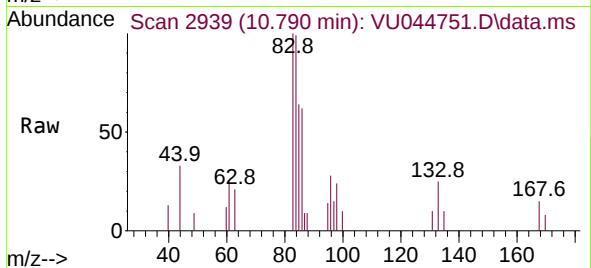
1,1,2,2-Tetrachloroethane
Concen: 0.228 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion:	83	Resp:	2241
Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.5	82.7
131	10.5	6.6	10.0#

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations
APPROVED

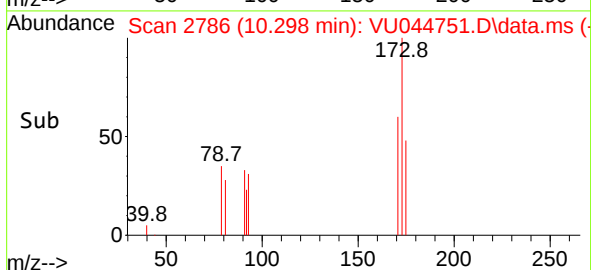
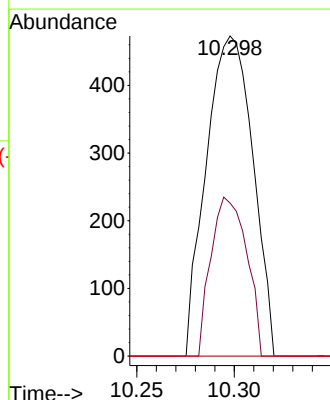
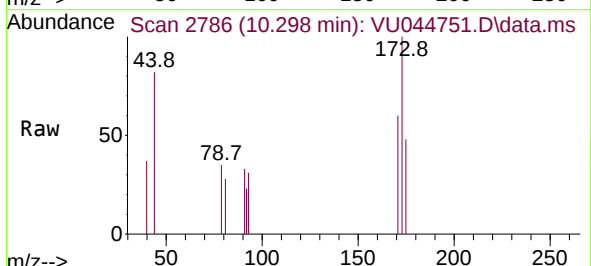
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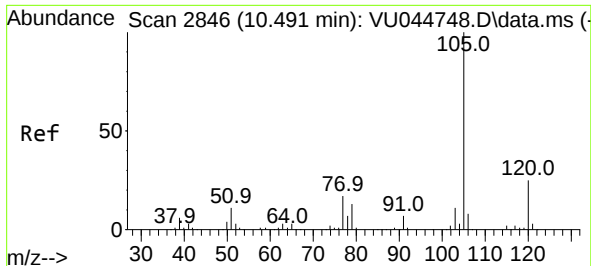


#59

Bromoform
Concen: 0.212 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion:	173	Resp:	787
Ion	Ratio	Lower	Upper
173	100		
175	38.0	38.8	58.2#
254	0.0	4.9	7.3#





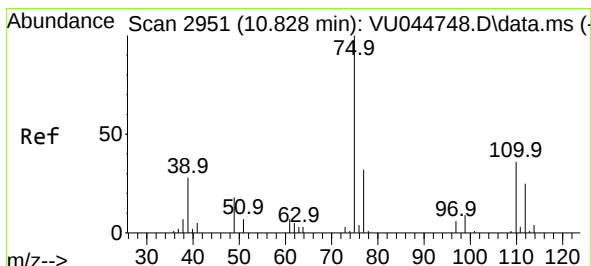
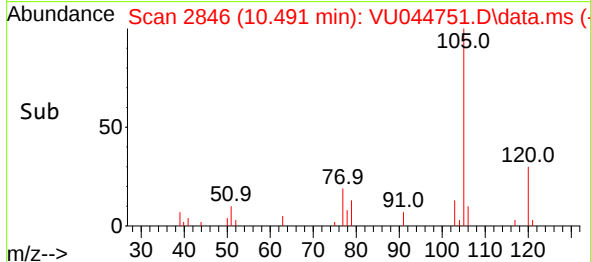
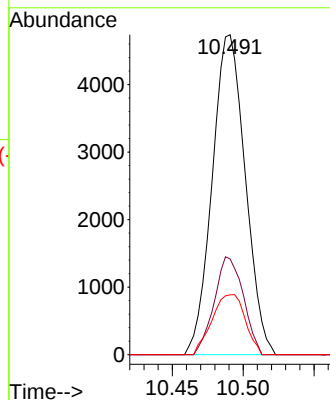
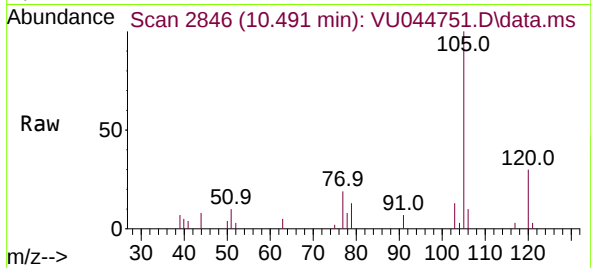
#60
Isopropylbenzene
Concen: 0.206 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Instrument :
MSVOA_U
ClientSampled :
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Tgt Ion:105 Resp: 7684
Ion Ratio Lower Upper
105 100
120 26.9 20.2 30.2
77 18.8 13.6 20.4

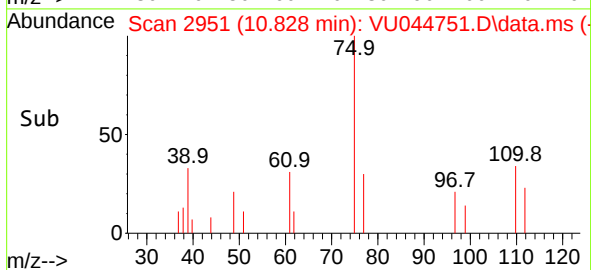
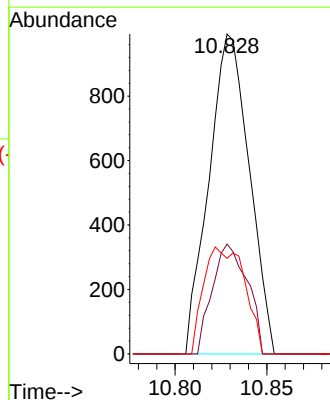
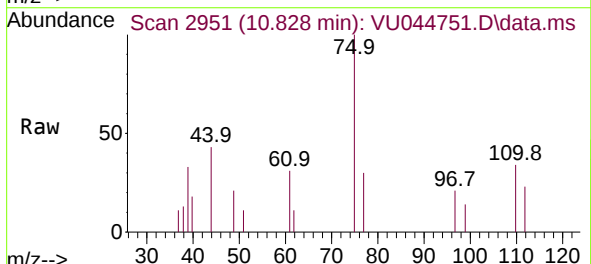
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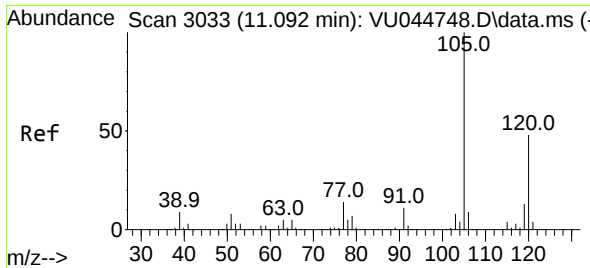
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#61
1,2,3-Trichloropropane
Concen: 0.230 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion: 75 Resp: 1516
Ion Ratio Lower Upper
75 100
110 29.9 28.8 43.2
77 34.1 25.9 38.9





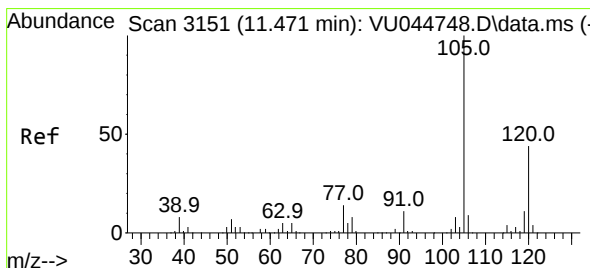
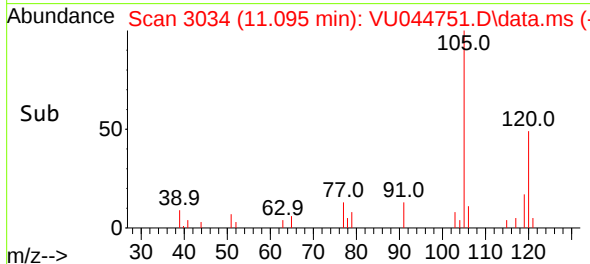
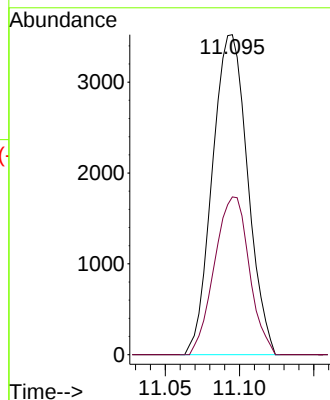
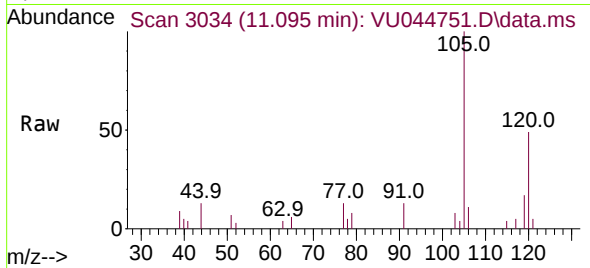
#62
1,3,5-Trimethylbenzene
Concen: 0.188 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion:105 Resp: 5825
Ion Ratio Lower Upper
105 100
120 48.5 38.2 57.2

Instrument :
MSVOA_U
ClientSampleId :
MDL06

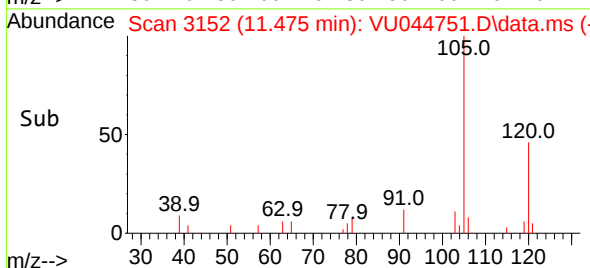
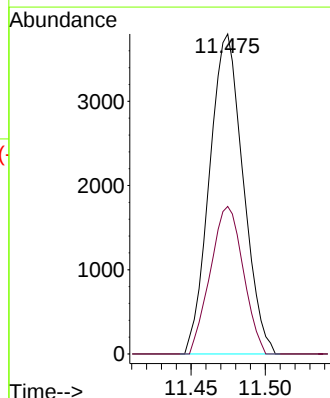
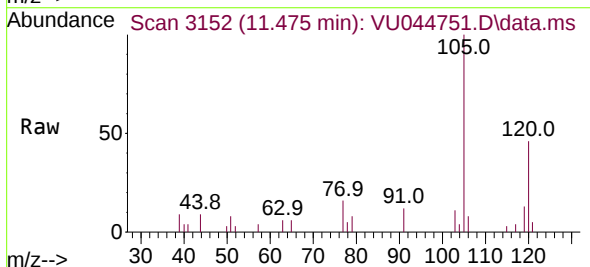
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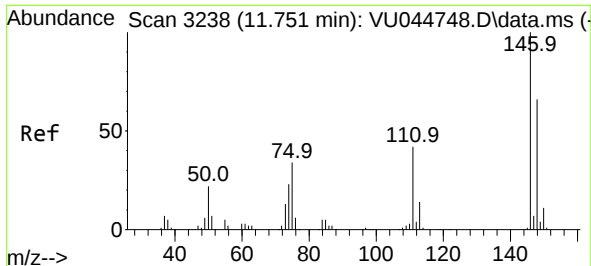
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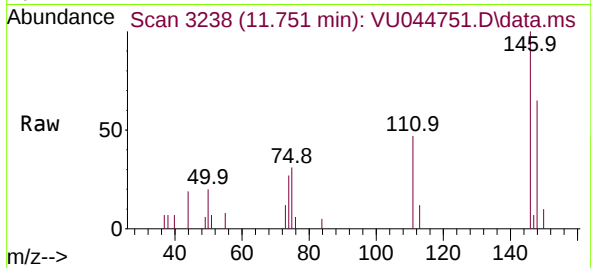
#63
1,2,4-Trimethylbenzene
Concen: 0.188 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

Tgt Ion:105 Resp: 5981
Ion Ratio Lower Upper
105 100
120 45.0 35.4 53.2

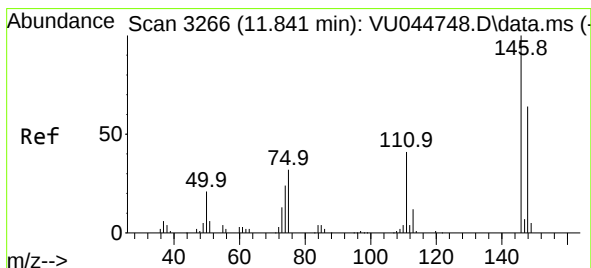
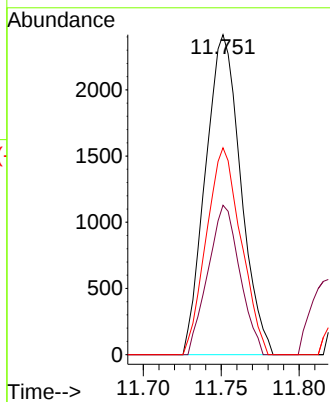
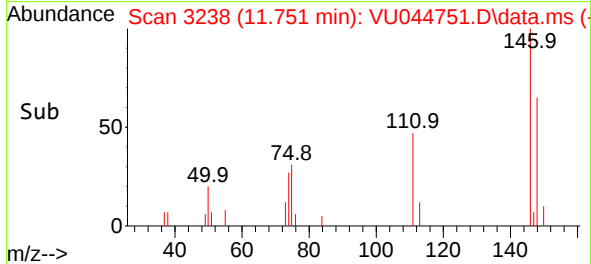




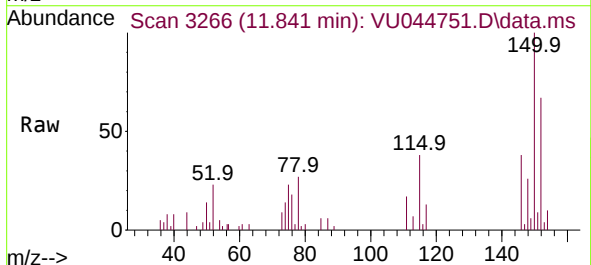
#64
1,3-Dichlorobenzene
Concen: 0.218 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53



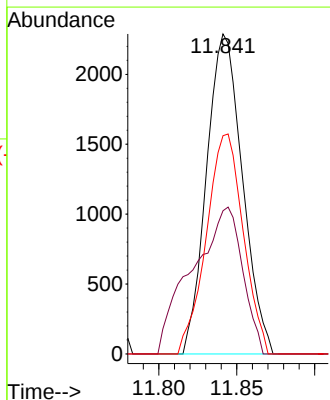
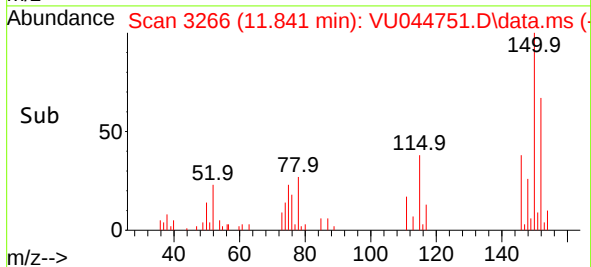
Tgt Ion:146 Resp: 3800
Ion Ratio Lower Upper
146 100
111 46.7 29.8 55.4
148 64.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 0.204 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53



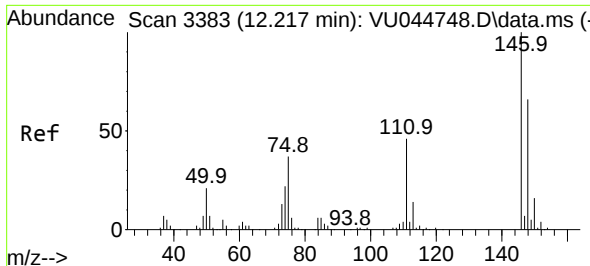
Tgt Ion:146 Resp: 3662
Ion Ratio Lower Upper
146 100
111 44.7 28.7 53.3
148 68.2 45.4 84.4



Instrument :
MSVOA_U
ClientSampled :
MDL06

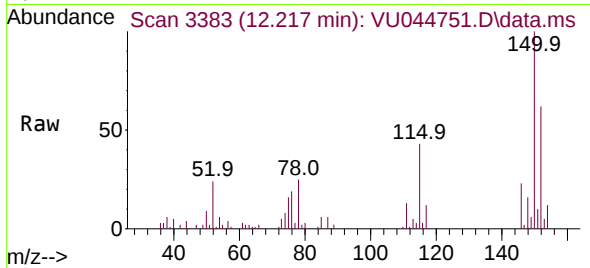
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#67
1,2-Dichlorobenzene
Concen: 0.220 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

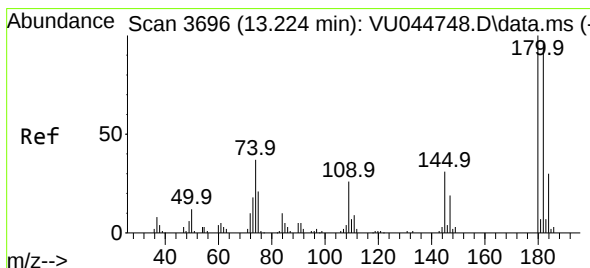
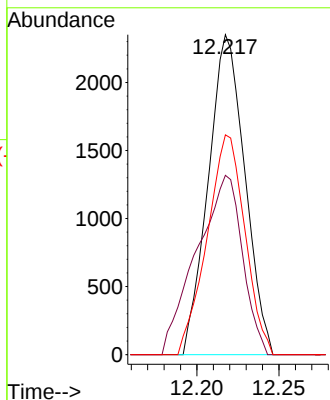
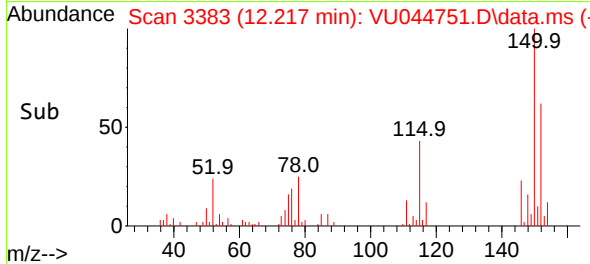
Instrument :
MSVOA_U
ClientSampled :
MDL06



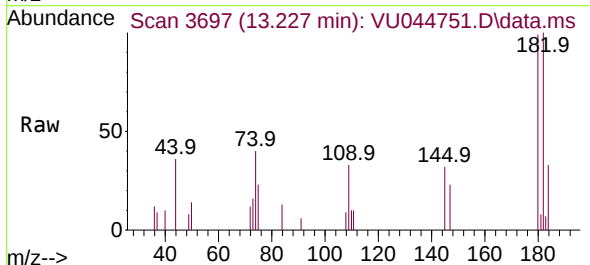
Tgt Ion:146 Resp: 3637
Ion Ratio Lower Upper
146 100
111 56.0 34.6 51.8#
148 68.7 51.3 76.9

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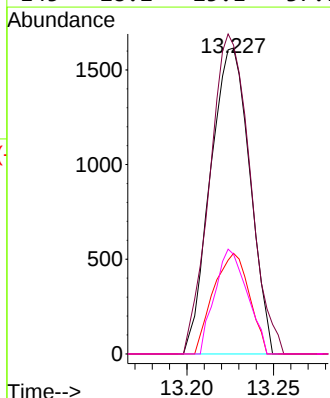
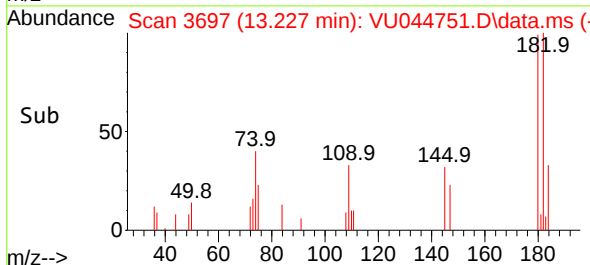
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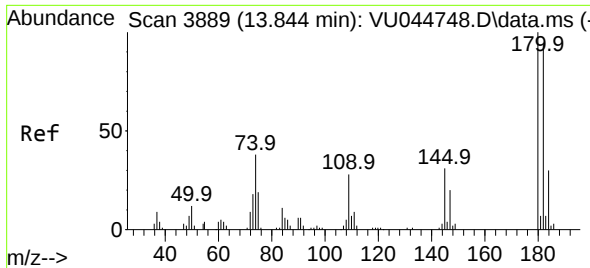


#69
1,3,5-Trichlorobenzene
Concen: 0.193 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53



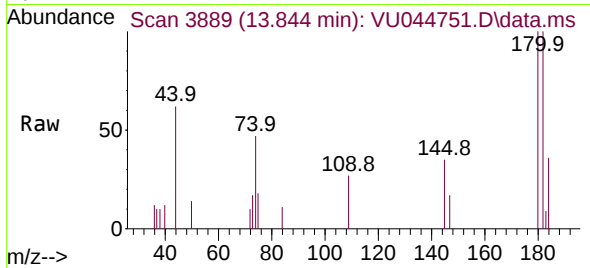
Tgt Ion:180 Resp: 2553
Ion Ratio Lower Upper
180 100
182 106.3 76.9 115.3
184 30.0 24.1 36.1
145 28.2 25.1 37.7





#70
1,2,4-trichlorobenzene
Concen: 0.170 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

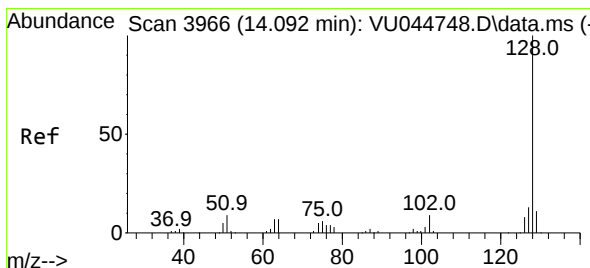
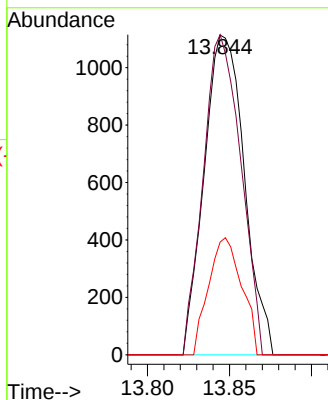
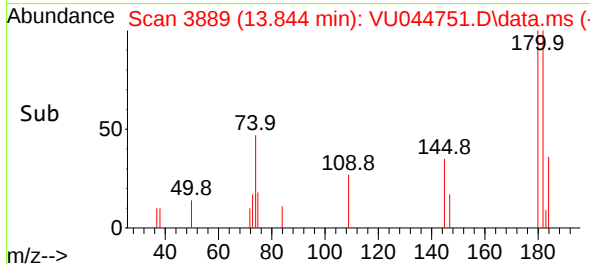
Instrument :
MSVOA_U
ClientSampled :
MDL06



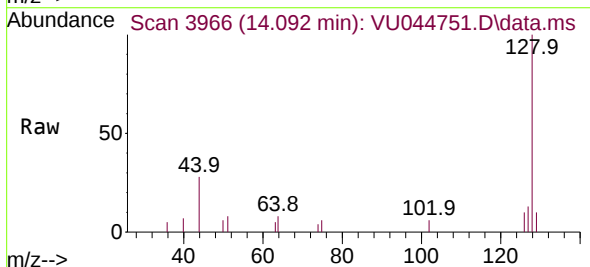
Tgt Ion:180 Resp: 1893
Ion Ratio Lower Upper
180 100
182 93.6 75.4 113.0
145 30.2 25.2 37.8

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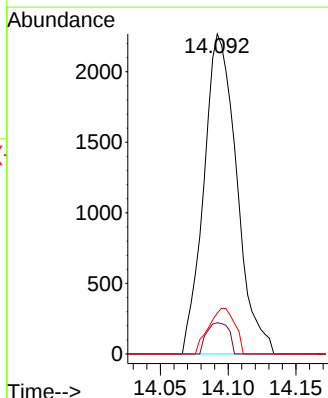
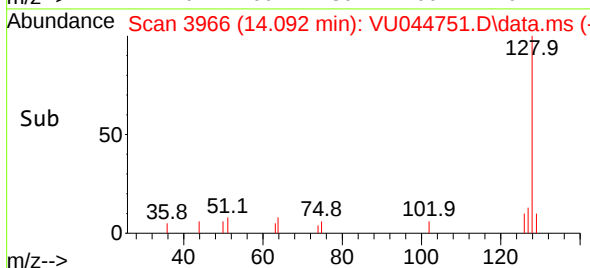
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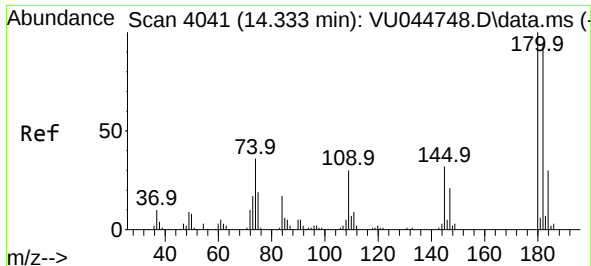


#71
Naphthalene
Concen: 0.175 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044751.D
Acq: 22 Sep 2021 11:53

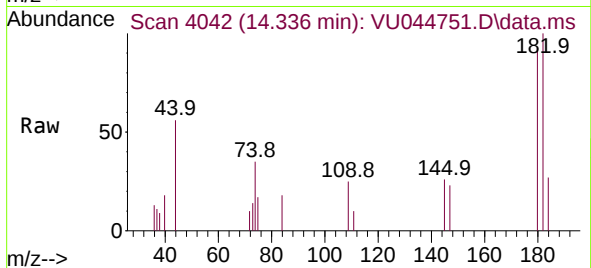


Tgt Ion:128 Resp: 3820
Ion Ratio Lower Upper
128 100
129 6.6 8.7 13.1#
127 11.4 10.4 15.6

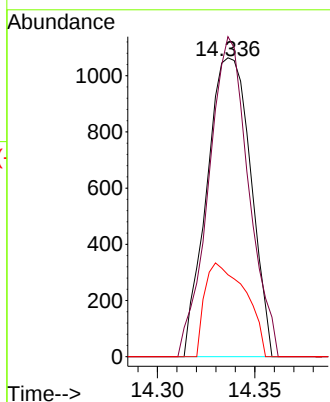
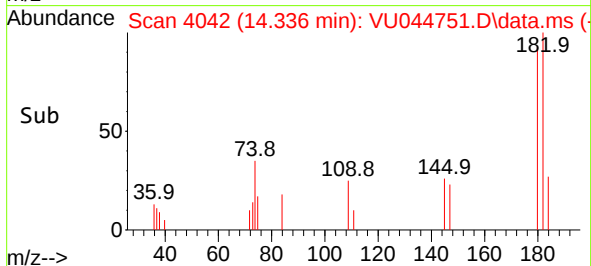




#72
 1,2,3-Trichlorobenzene
 Concen: 0.162 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044751.D
 Acq: 22 Sep 2021 11:53



Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.9	113.9
145	29.1	27.0	40.6



Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

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