

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
 Data File : VU044642.D
 Acq On : 15 Sep 2021 14:58
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 12:12:34 PM

Quant Time: Sep 16 02:40:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 16 01:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	131431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	136418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	65233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29500	3.804	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.919	69	34072	4.305	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.575	65	15859	4.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.642	46	161898m	49.802	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.600%
24) Chloroform-d	5.073	84	74385	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.710	65	44558	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.735	84	146176	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.700	67	51539	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.906	98	121219	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.185	79	16141	4.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.645	63	118206	45.674	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.340%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46329	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	47474	4.410	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1953	0.186	ug/L	97
3) Chloromethane	1.520	50	2796	0.222	ug/L	96
5) Vinyl chloride	1.607	62	2858	0.222	ug/L #	76
6) Bromomethane	1.864	94	1536	0.233	ug/L	92
8) Chloroethane	1.941	64	1955	0.239	ug/L	88
9) Trichlorofluoromethane	2.144	101	3086	0.213	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2192	0.247	ug/L #	85
12) 1,1-Dichloroethene	2.584	96	2043	0.242	ug/L #	1
13) Acetone	2.652	43	3480m	1.644	ug/L	
14) Carbon disulfide	2.800	76	5224	0.195	ug/L	99
15) Methyl Acetate	2.967	43	1050	0.275	ug/L #	49
16) Methylene chloride	3.054	84	11576	0.862	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	4434	0.190	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	1832	0.204	ug/L	98
19) 1,1-Dichloroethane	3.874	63	3921	0.216	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	2088	0.211	ug/L	88
23) Bromochloromethane	4.983	128	771	0.184	ug/L	93
25) Chloroform	5.096	83	9009	0.466	ug/L	99
27) 1,2-Dichloroethane	5.803	62	2861	0.226	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	3073	0.207	ug/L	95
30) Cyclohexane	5.395	56	3049	0.179	ug/L	94
31) Carbon tetrachloride	5.533	117	2222	0.191	ug/L	97
33) Benzene	5.784	78	8450	0.209	ug/L	100
34) Trichloroethene	6.552	95	2115	0.211	ug/L	89
35) Methylcyclohexane	6.764	83	3454	0.210	ug/L #	86
37) 1,2-Dichloropropane	6.796	63	2317	0.214	ug/L #	88
38) Bromodichloromethane	7.115	83	2606	0.198	ug/L #	90
39) cis-1,3-Dichloropropene	7.616	75	2972	0.193	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	15388	1.822	ug/L #	89
42) Toluene	7.976	91	9944	0.235	ug/L	95
44) trans-1,3-Dichloropropene	8.214	75	2458	0.187	ug/L	84
45) 1,1,2-Trichloroethane	8.411	97	1514	0.196	ug/L	97
47) Tetrachloroethene	8.558	164	1311	0.188	ug/L	92
48) 2-Hexanone	8.700	43	16322	2.597	ug/L #	95
49) Dibromochloromethane	8.816	129	1495	0.184	ug/L	84
50) 1,2-Dibromoethane	8.931	107	1331	0.183	ug/L #	85
51) Chlorobenzene	9.452	112	5592	0.213	ug/L	94
52) Ethylbenzene	9.575	91	8267	0.180	ug/L	97
53) m,p-Xylene	9.700	106	3046	0.175	ug/L	99
54) o-Xylene	10.105	106	2827	0.170	ug/L	86
55) Styrene	10.121	104	4755	0.163	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	2197	0.212	ug/L #	99
59) Bromoform	10.298	173	808	0.199	ug/L #	79
60) Isopropylbenzene	10.491	105	7605	0.186	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	1448	0.201	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	6231	0.184	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	6154	0.177	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	3837	0.202	ug/L	91
65) 1,4-Dichlorobenzene	11.845	146	4042	0.206	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	3816	0.211	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.008	75	298	0.188	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.227	180	2682	0.185	ug/L	95
70) 1,2,4-trichlorobenzene	13.848	180	2061	0.169	ug/L	95
71) Naphthalene	14.095	128	3565	0.150	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.336	180	1859	0.165	ug/L	96

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

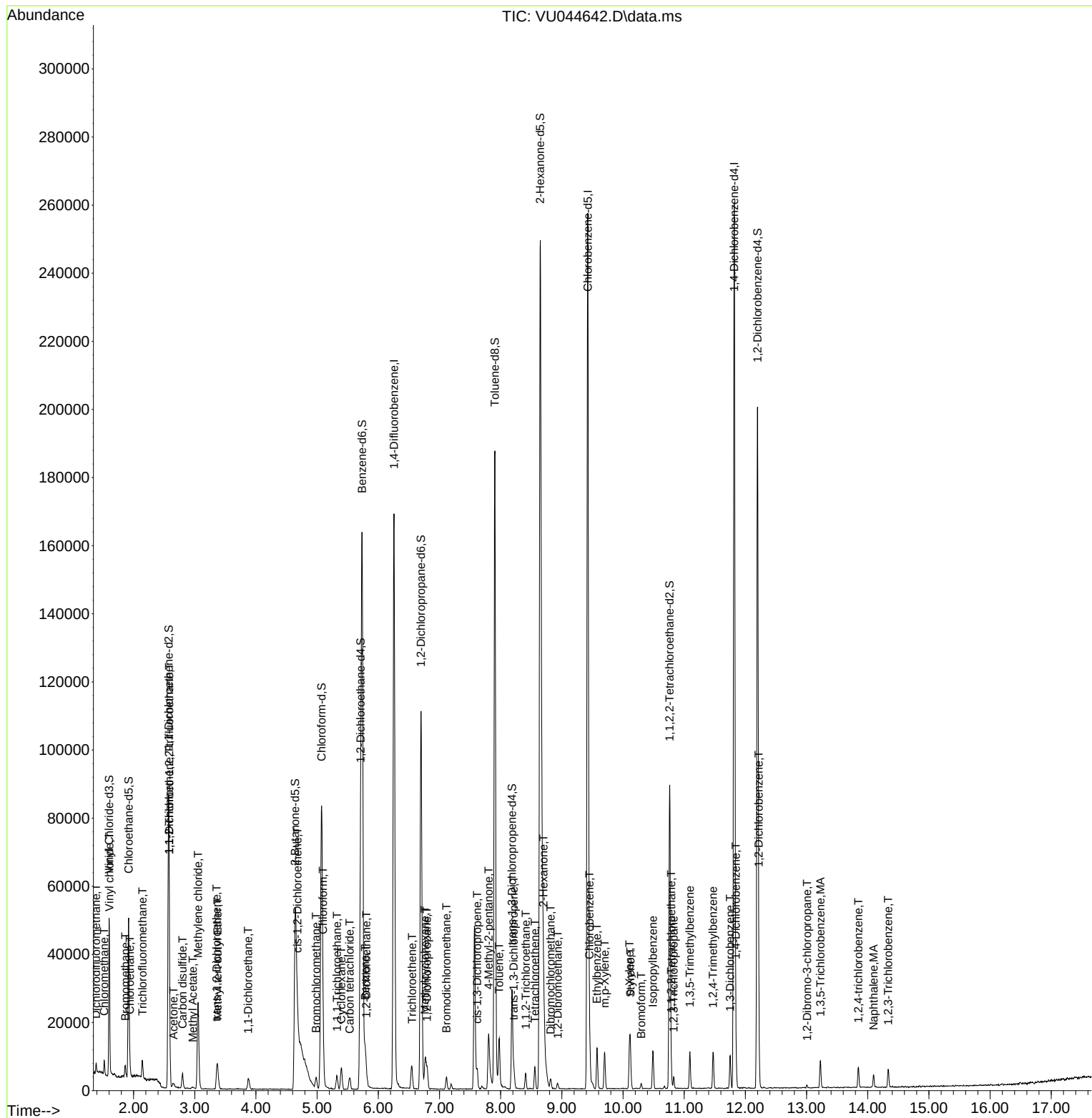
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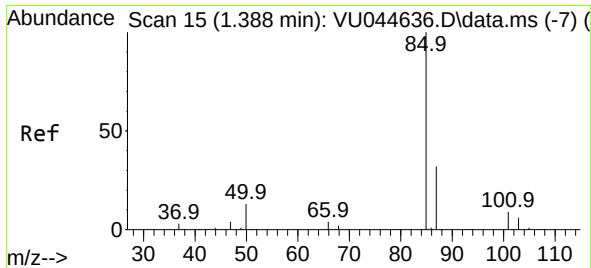
Instrument :
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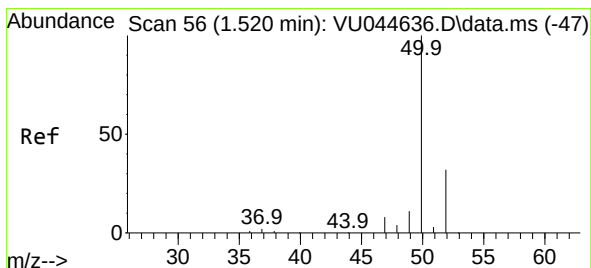
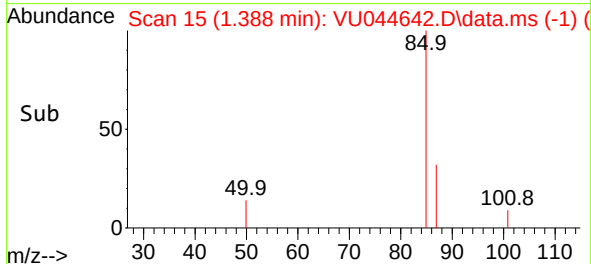
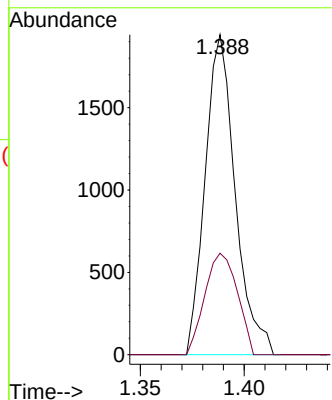
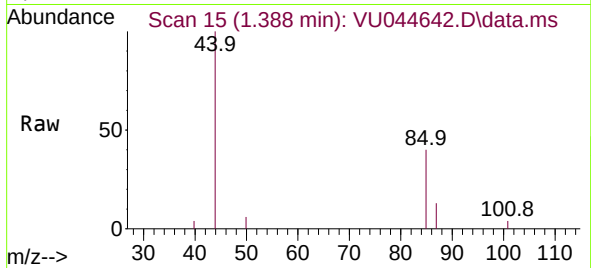
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Dichlorodifluoromethane
Concen: 0.186 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 85 Resp: 1953
Ion Ratio Lower Upper
85 100
87 34.3 26.0 39.0

Instrument :
MSVOA_U
ClientSampled :
MDL05

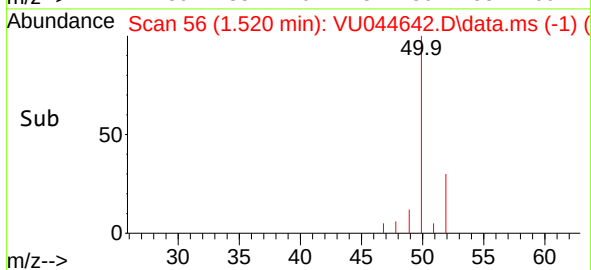
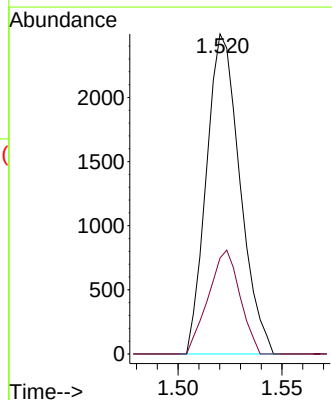
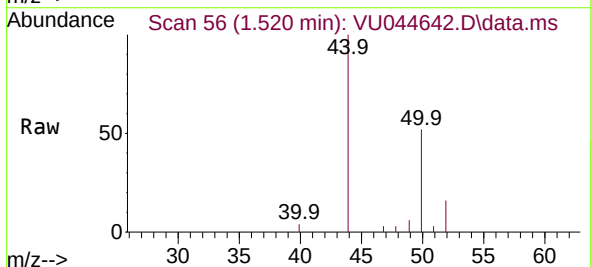
Manual Integrations
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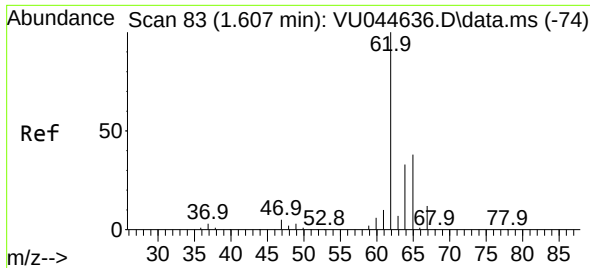
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#3
Chloromethane
Concen: 0.222 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

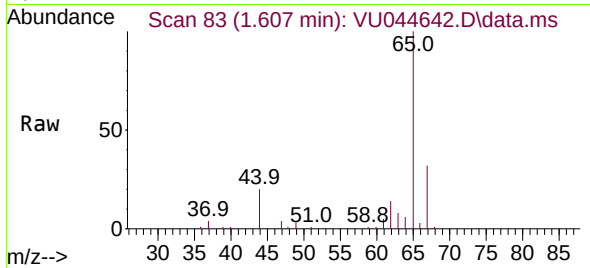
Tgt Ion: 50 Resp: 2796
Ion Ratio Lower Upper
50 100
52 30.0 22.6 42.0





#5
 Vinyl chloride
 Concen: 0.222 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044642.D
 Acq: 15 Sep 2021 14:58

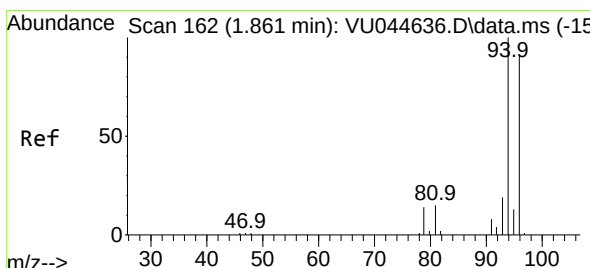
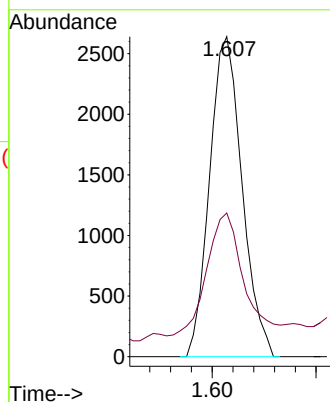
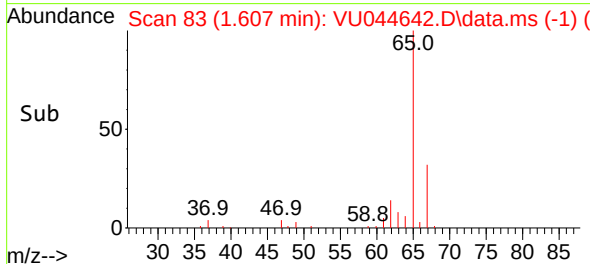
Instrument :
 MSVOA_U
 ClientSampled :
 MDL05



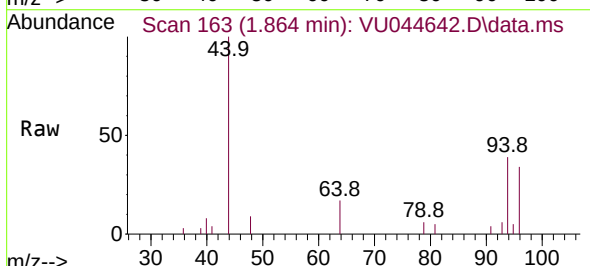
Tgt Ion: 62 Resp: 2858
 Ion Ratio Lower Upper
 62 100
 64 44.9 22.0 40.8#

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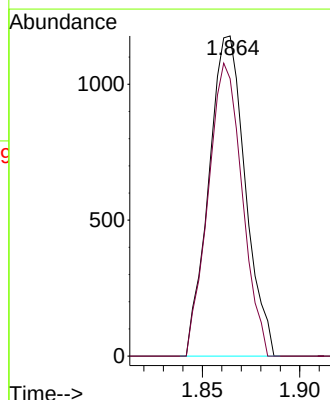
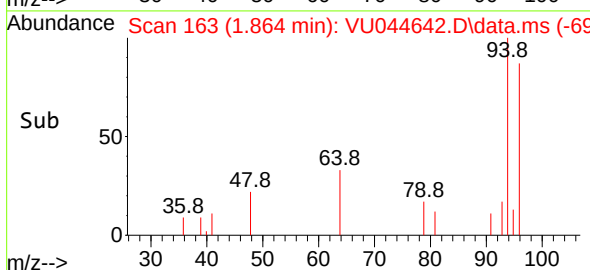
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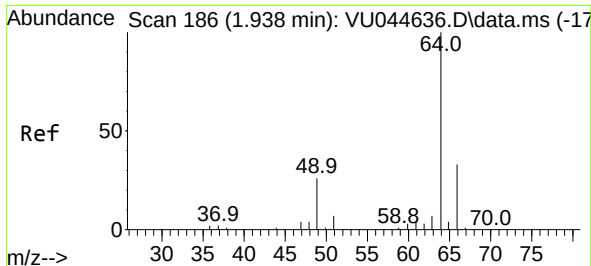


#6
 Bromomethane
 Concen: 0.233 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU044642.D
 Acq: 15 Sep 2021 14:58



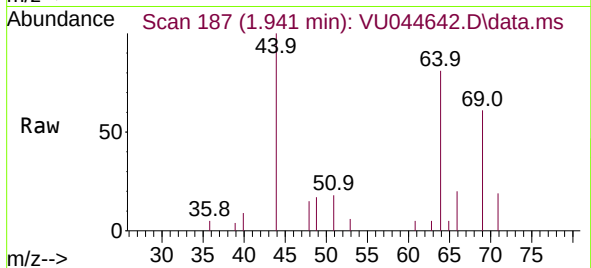
Tgt Ion: 94 Resp: 1536
 Ion Ratio Lower Upper
 94 100
 96 86.7 66.4 123.4





#8
Chloroethane
Concen: 0.239 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

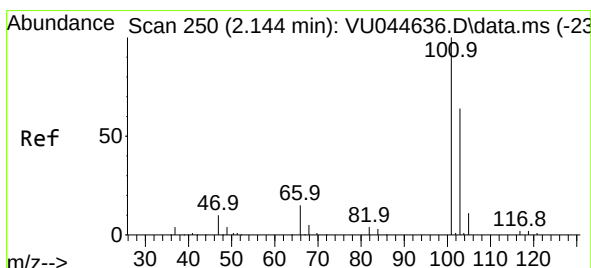
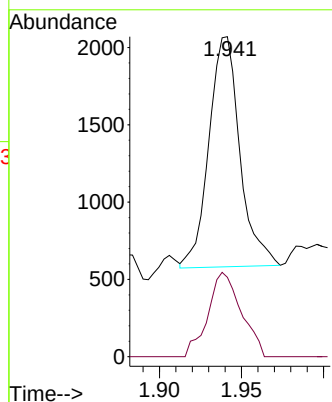
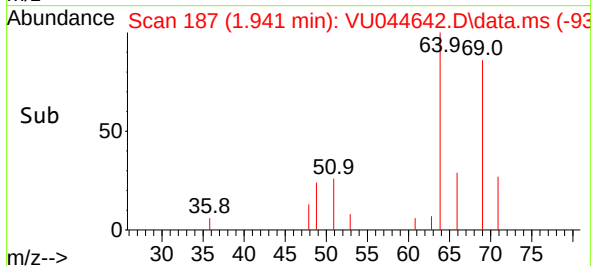
Instrument :
MSVOA_U
ClientSampled :
MDL05



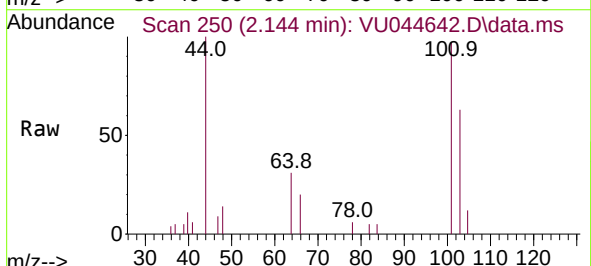
Tgt Ion: 64 Resp: 1955
Ion Ratio Lower Upper
64 100
66 24.8 22.1 41.1

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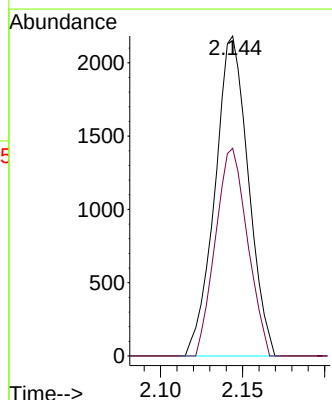
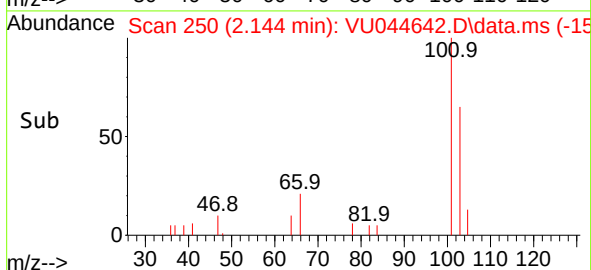
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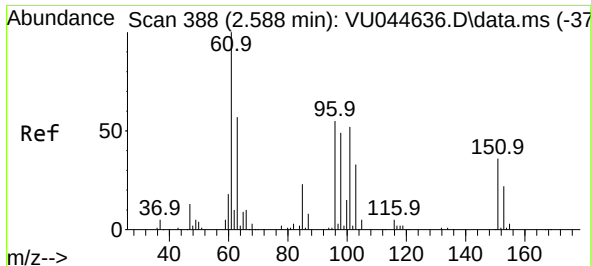


#9
Trichlorofluoromethane
Concen: 0.213 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58



Tgt Ion: 101 Resp: 3086
Ion Ratio Lower Upper
101 100
103 62.1 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.247 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU044642.D

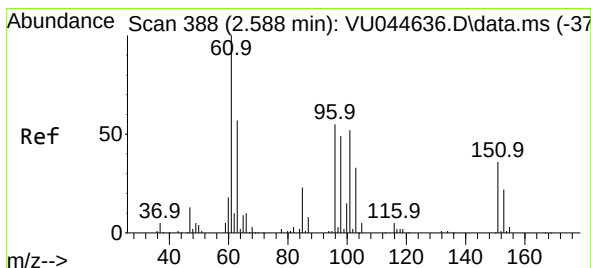
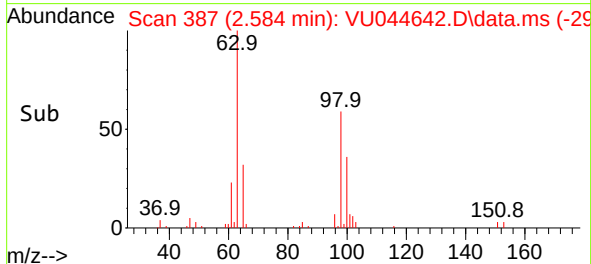
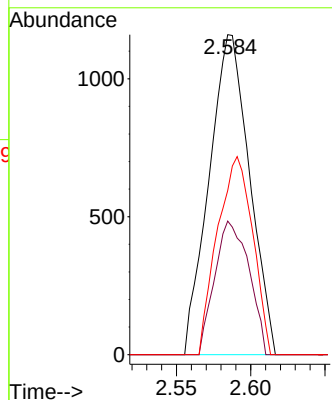
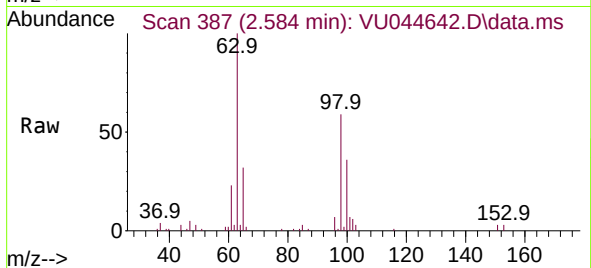
Acq: 15 Sep 2021 14:58

Tgt Ion:	101	Resp:	2192
Ion Ratio	Lower	Upper	
101	100		
85	35.4	35.4	53.2#
151	54.1	53.9	80.9

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Manual Integrations
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#12

1,1-Dichloroethene

Concen: 0.242 ug/L

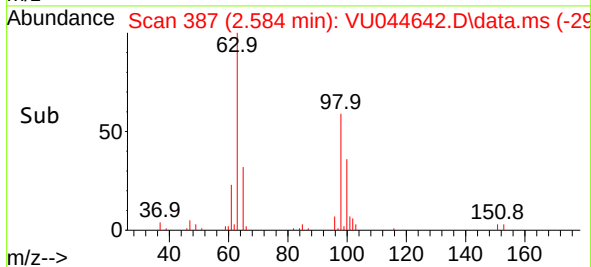
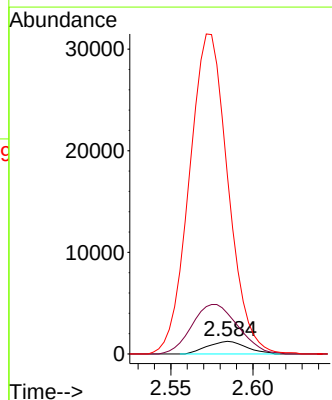
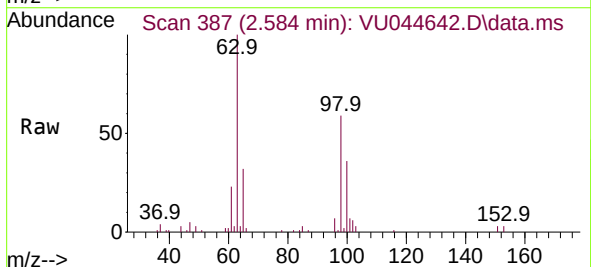
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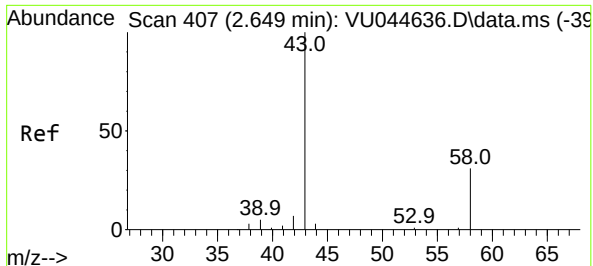
Delta R.T. -0.003 min

Lab File: VU044642.D

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Tgt Ion:	96	Resp:	2043
Ion Ratio	Lower	Upper	
96	100		
61	319.6	129.3	240.1#
63	1403.7	91.3	169.5#





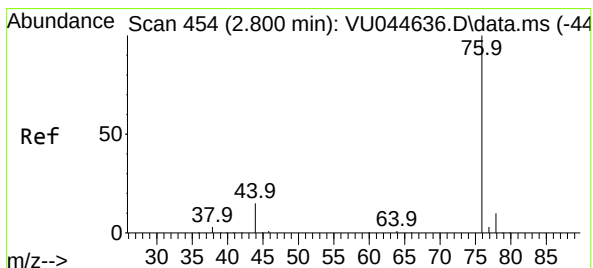
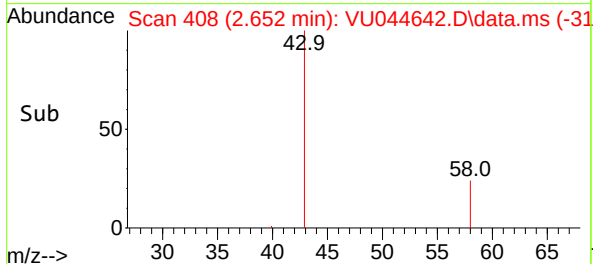
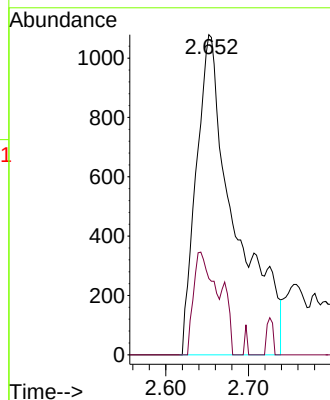
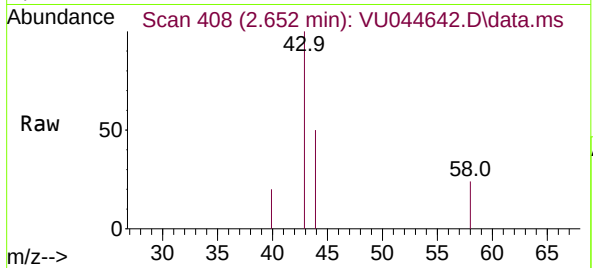
#13
Acetone
Concen: 1.644 ug/L m
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 43 Resp: 3480
Ion Ratio Lower Upper
43 100
58 16.8 0.0 42.4

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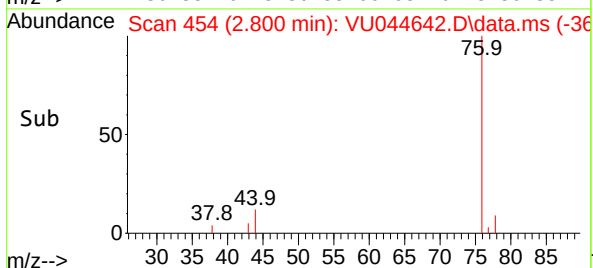
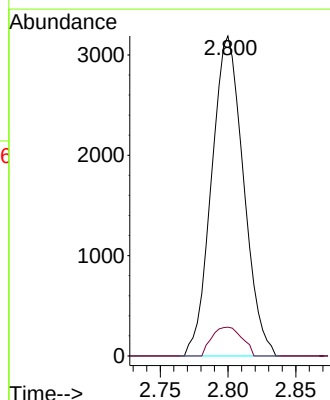
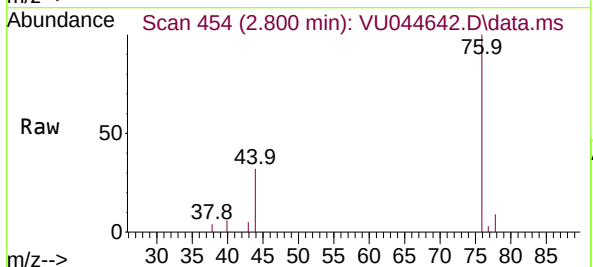
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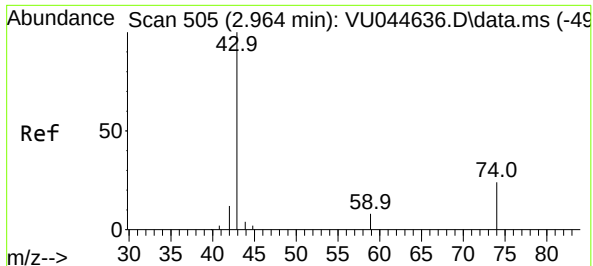
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#14
Carbon disulfide
Concen: 0.195 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 76 Resp: 5224
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





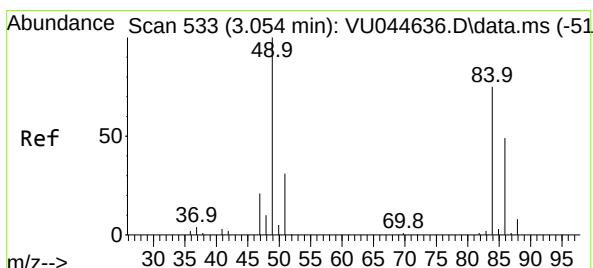
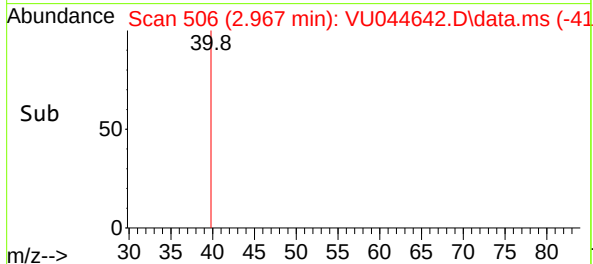
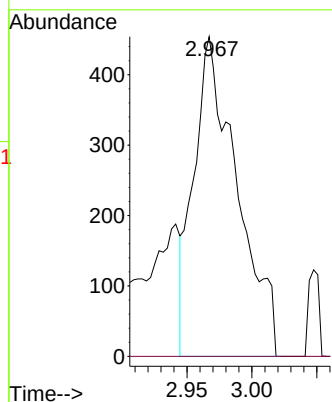
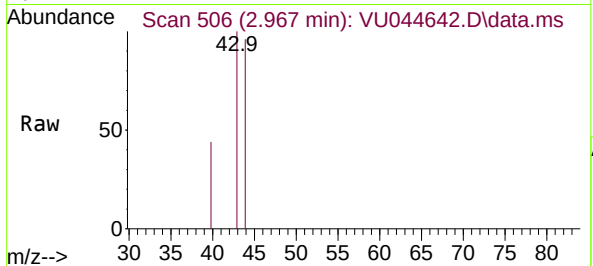
#15
Methyl Acetate
Concen: 0.275 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#

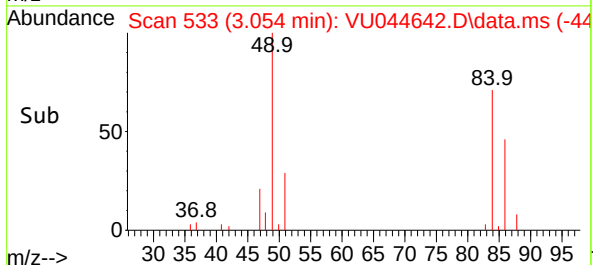
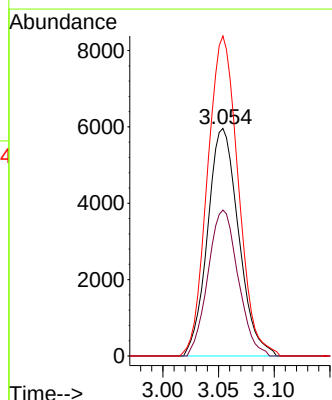
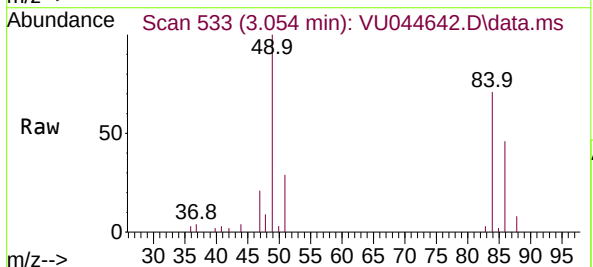
Manual Integrations
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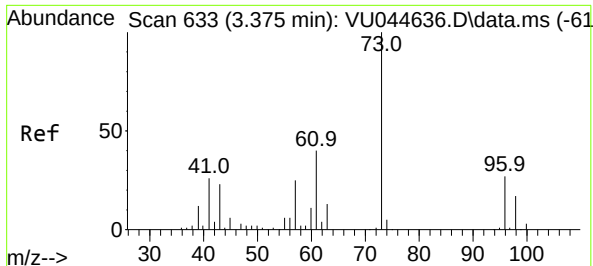
MMDadoda
9/16/2021 12:12:34 PM



#16
Methylene chloride
Concen: 0.862 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 84 Resp: 11576
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.2
49 140.7 92.9 172.5





#17

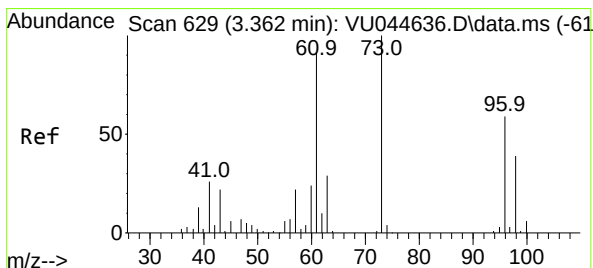
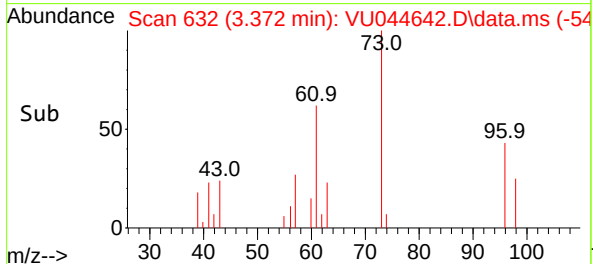
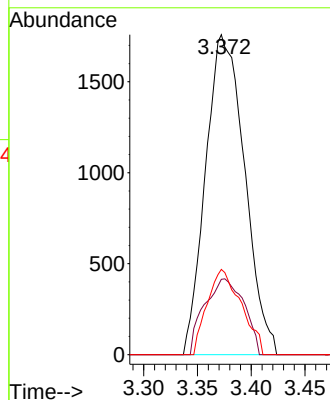
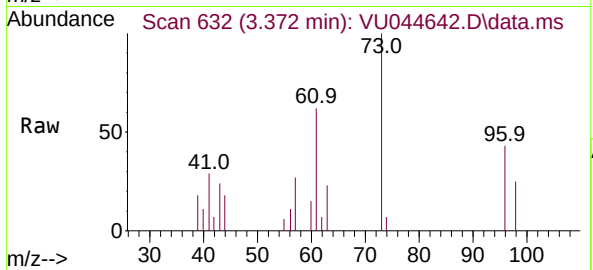
Methyl tert-butyl Ether
Concen: 0.190 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 73	Resp: 4434
Ion Ratio	Lower Upper
73 100	
43 24.0	17.8 26.6
57 23.3	18.6 27.8

Instrument :
MSVOA_U
ClientSampled :
MDL05

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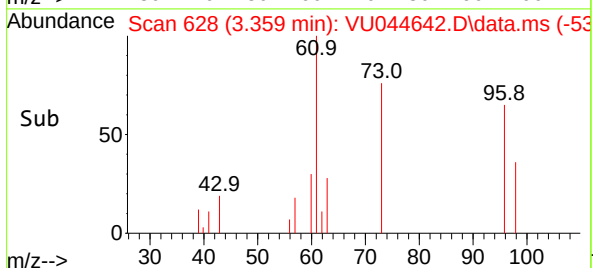
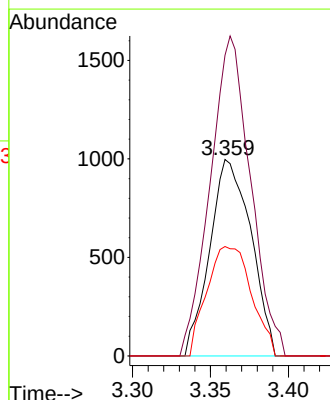
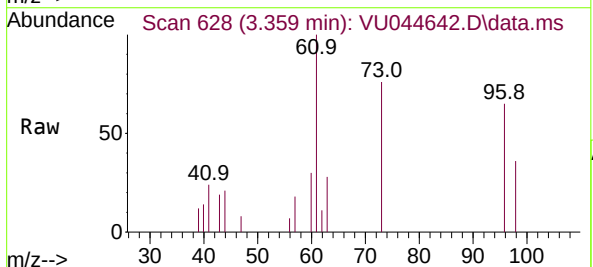
MMDadoda
9/16/2021 12:12:34 PM

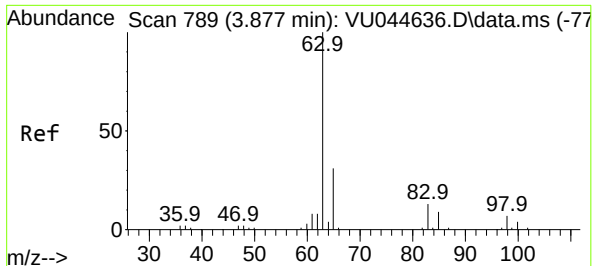


#18

trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 96	Resp: 1832
Ion Ratio	Lower Upper
96 100	
61 153.1	107.2 199.0
98 55.7	42.8 79.6





#19

1,1-Dichloroethane

Concen: 0.216 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU044642.D

Acq: 15 Sep 2021 14:58

Tgt Ion:	63	Resp:	3921
Ion	Ratio	Lower	Upper
63	100		
65	30.7	21.8	40.6
83	13.6	8.8	16.3

Instrument :

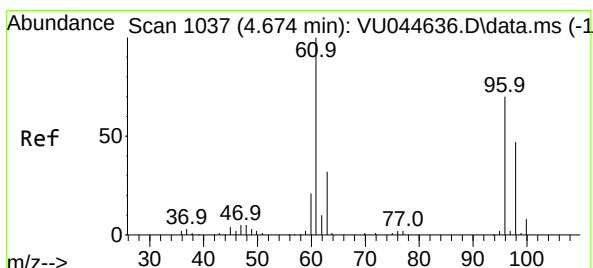
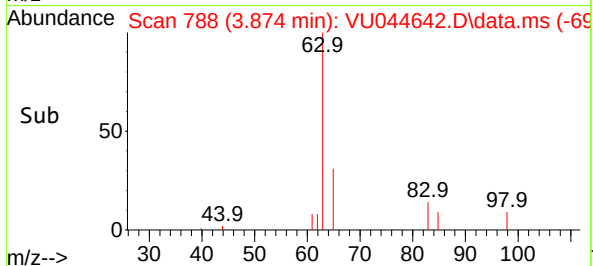
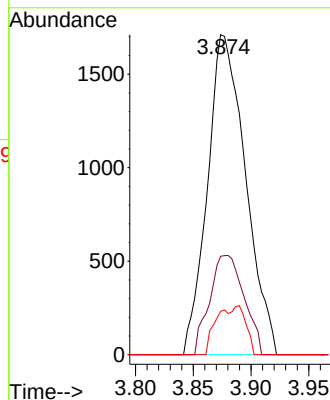
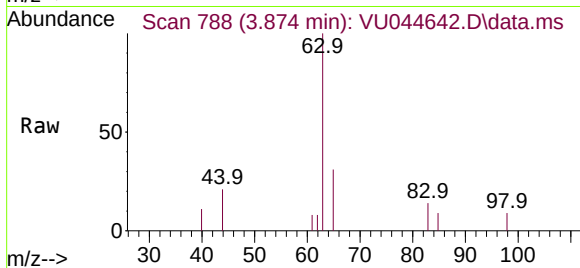
MSVOA_U

ClientSampled :

MDL05

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#22

cis-1,2-Dichloroethene

Concen: 0.211 ug/L

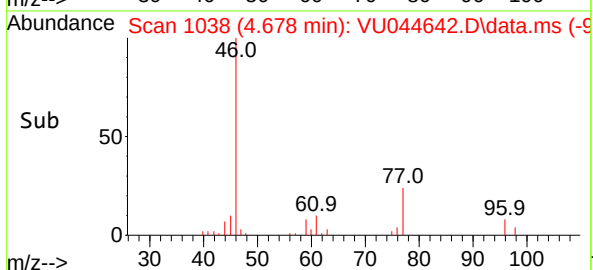
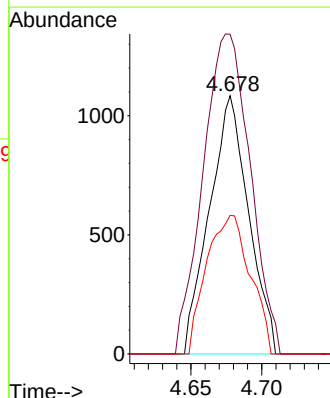
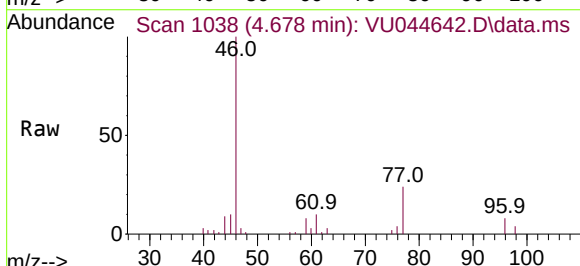
RT: 4.678 min Scan# 1038

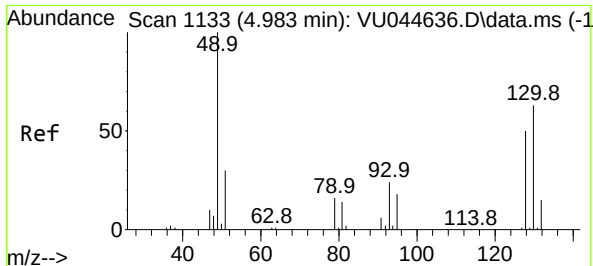
Delta R.T. 0.003 min

Lab File: VU044642.D

Acq: 15 Sep 2021 14:58

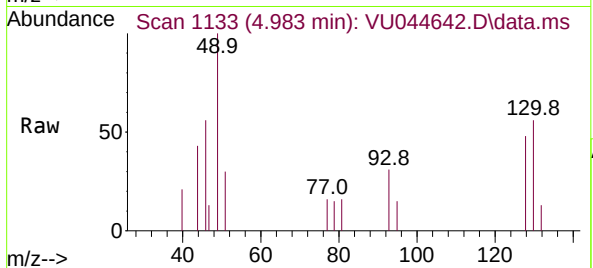
Tgt Ion:	96	Resp:	2088
Ion	Ratio	Lower	Upper
96	100		
61	123.8	96.9	179.9
98	53.7	43.5	80.7





#23
Bromochloromethane
Concen: 0.184 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

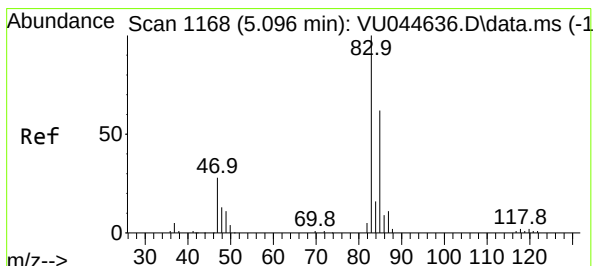
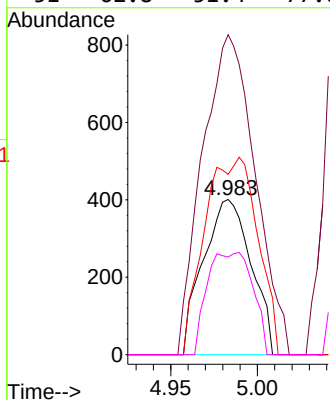
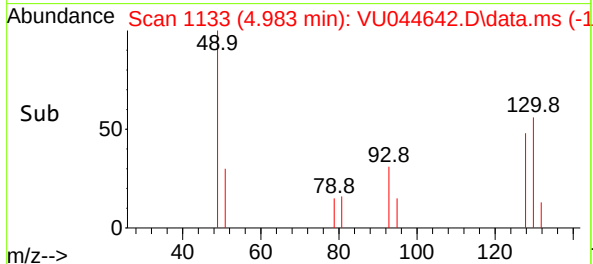
Instrument :
MSVOA_U
ClientSampled :
MDL05



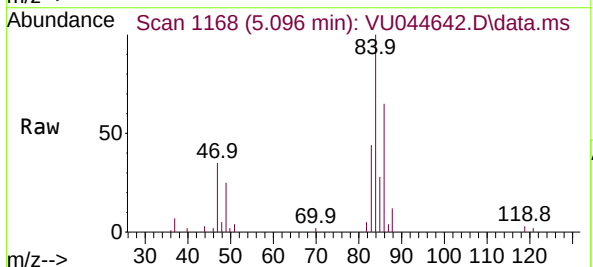
Tgt Ion:128 Resp: 771
Ion Ratio Lower Upper
128 100
49 206.2 141.4 262.6
130 116.2 94.3 175.1
51 62.8 51.4 77.0

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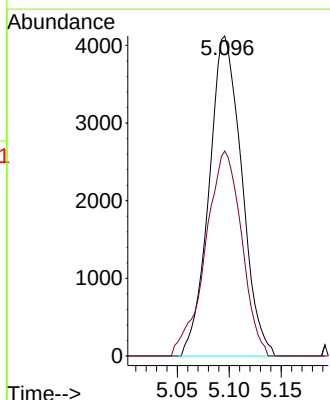
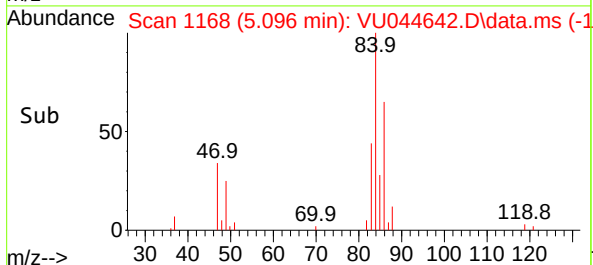
MMDadoda
9/16/2021 12:12:34 PM

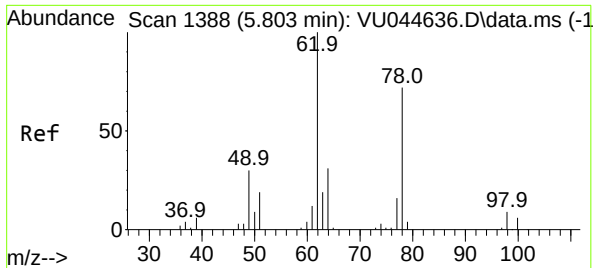


#25
Chloroform
Concen: 0.466 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58



Tgt Ion: 83 Resp: 9009
Ion Ratio Lower Upper
83 100
85 64.0 44.2 82.0





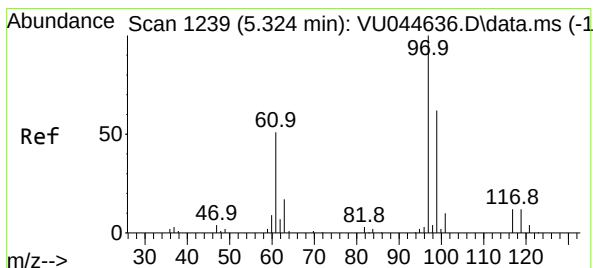
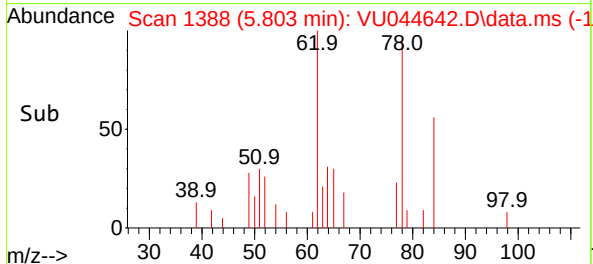
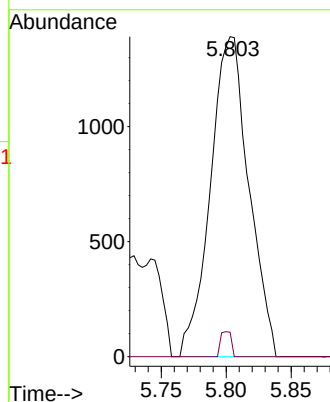
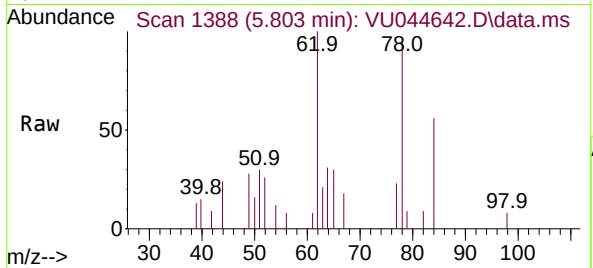
#27
1,2-Dichloroethane
Concen: 0.226 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tgt Ion: 62 Resp: 2861
Ion Ratio Lower Upper
62 100
98 7.6 6.6 10.0

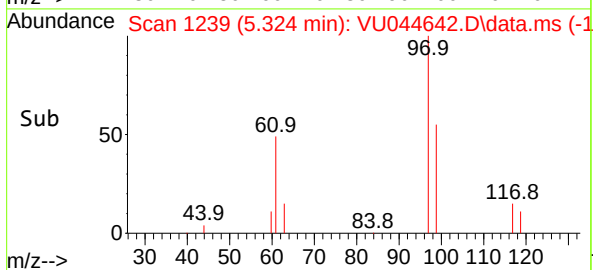
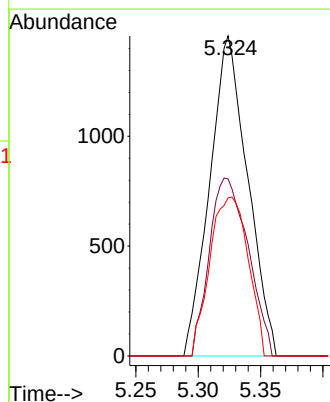
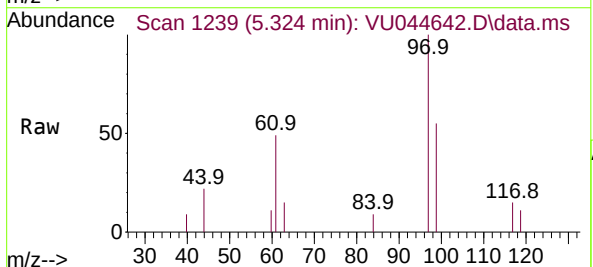
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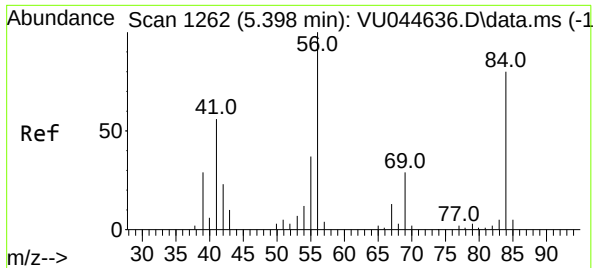
MMDadoda
9/16/2021 12:12:34 PM



#29
1,1,1-Trichloroethane
Concen: 0.207 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

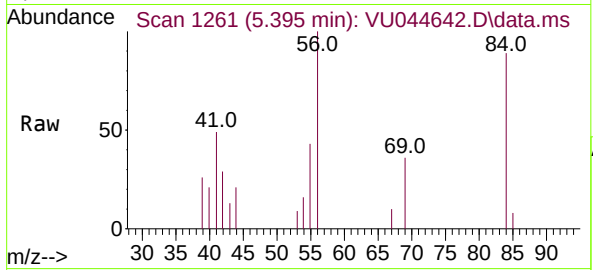
Tgt Ion: 97 Resp: 3073
Ion Ratio Lower Upper
97 100
99 57.2 50.7 76.1
61 50.3 40.6 60.8





#30
Cyclohexane
Concen: 0.179 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

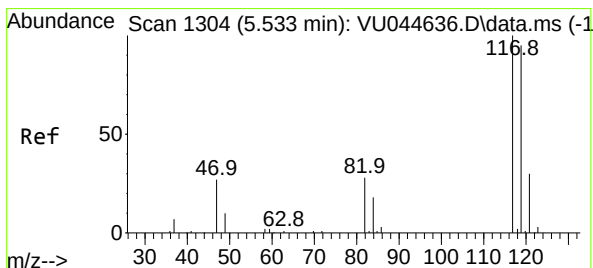
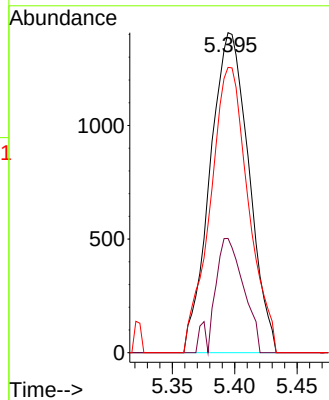
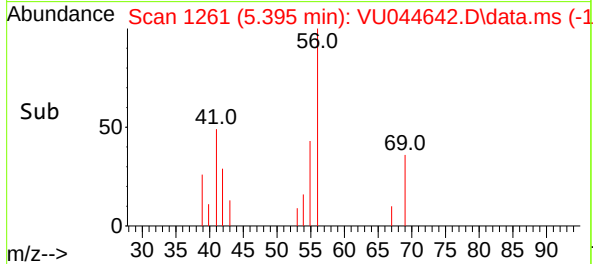
Instrument :
MSVOA_U
ClientSampled :
MDL05



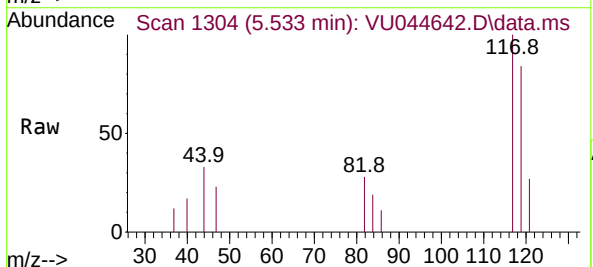
Tgt Ion:	56	Resp:	3049
Ion Ratio	100	Lower	Upper
56	100		
69	26.6	23.4	35.2
84	87.6	65.5	98.3

Manual Integrations
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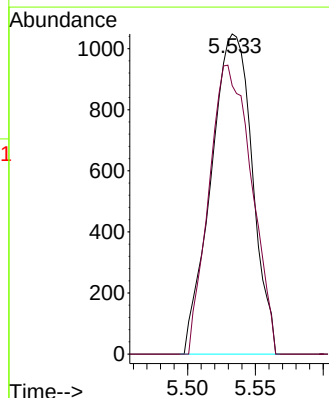
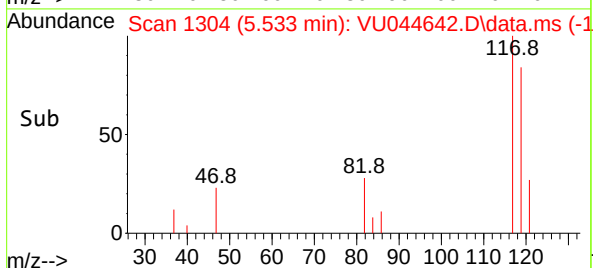
MMDadoda
9/16/2021 12:12:34 PM

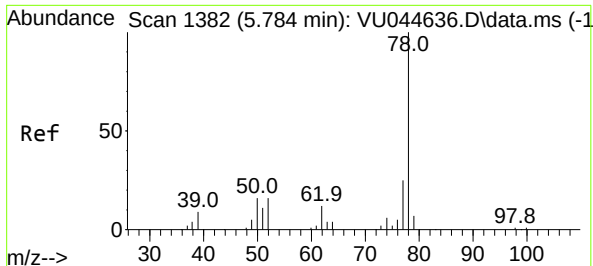


#31
Carbon tetrachloride
Concen: 0.191 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58



Tgt Ion:	117	Resp:	2222
Ion Ratio	100	Lower	Upper
117	100		
119	92.9	76.4	114.6





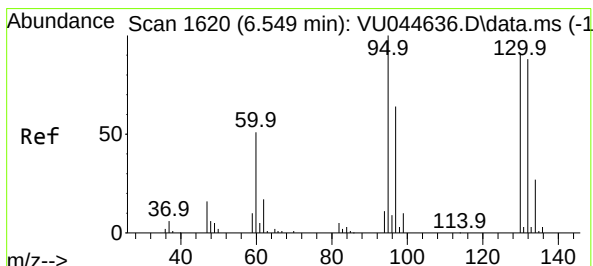
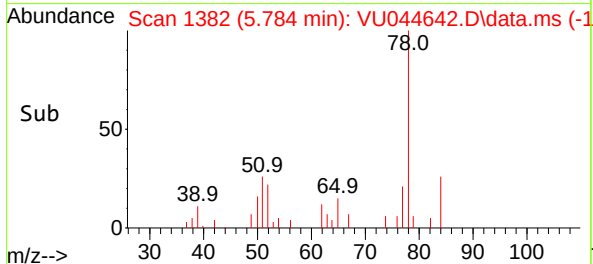
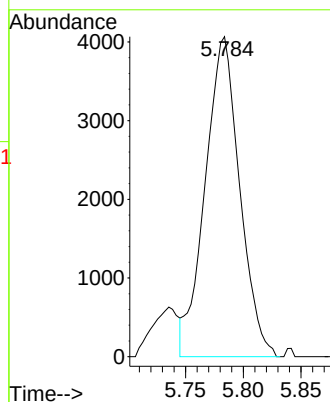
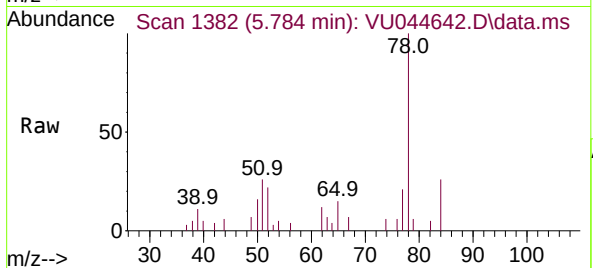
#33
Benzene
Concen: 0.209 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 78 Resp: 8450

Instrument :
MSVOA_U
ClientSampled :
MDL05

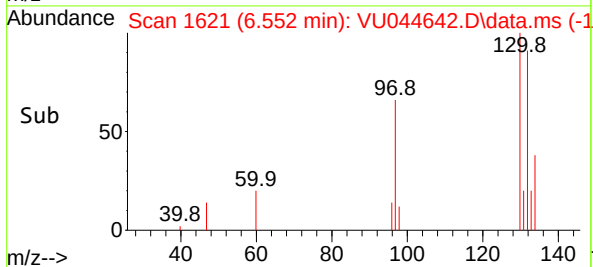
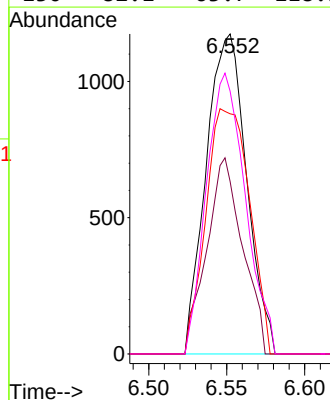
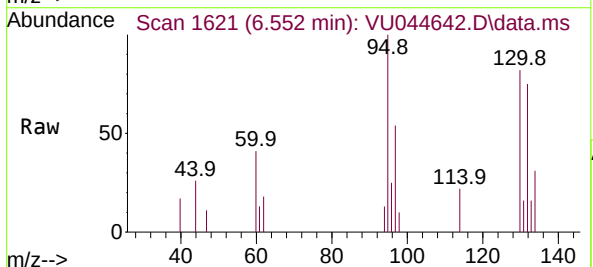
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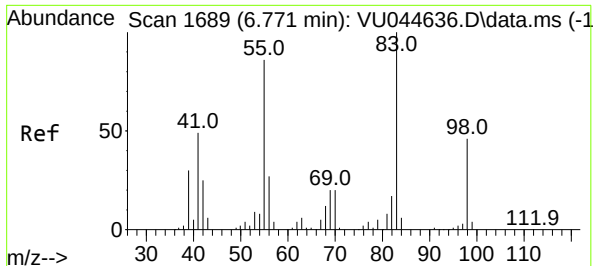
MMDadoda
9/16/2021 12:12:34 PM



#34
Trichloroethene
Concen: 0.211 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 95 Resp: 2115
Ion Ratio Lower Upper
95 100
97 53.9 44.7 82.9
132 75.0 60.3 111.9
130 82.1 63.7 118.3





#35

Methylcyclohexane

Concen: 0.210 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VU044642.D

Acq: 15 Sep 2021 14:58

Tgt Ion:	83	Resp:	3454
Ion Ratio	Lower	Upper	
83	100		
55	73.8	68.3	102.5
98	36.4	37.3	55.9#

Instrument :

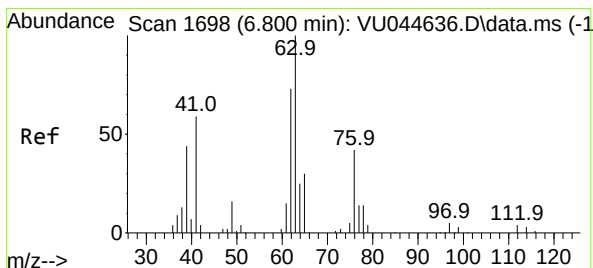
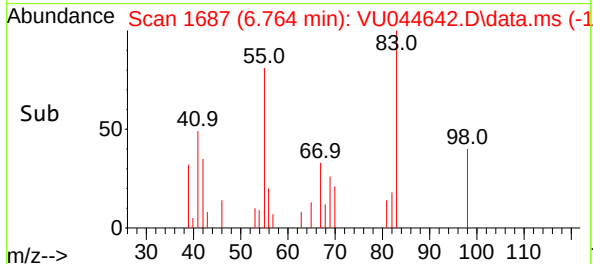
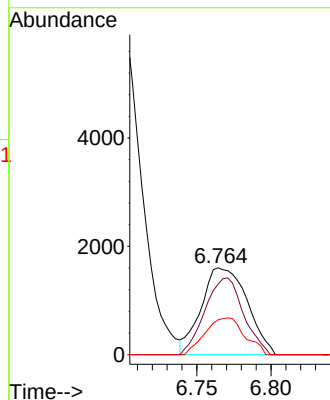
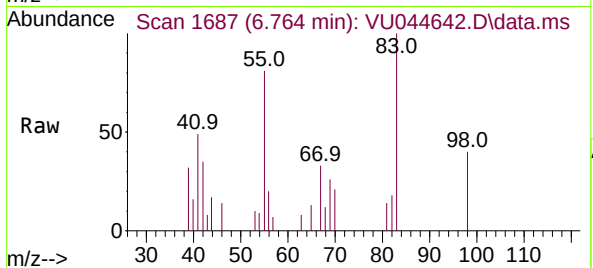
MSVOA_U

ClientSampleId :

MDL05

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#37

1,2-Dichloropropane

Concen: 0.214 ug/L

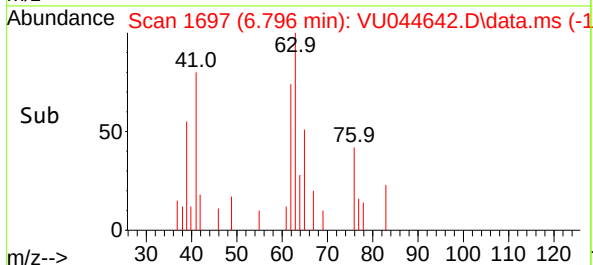
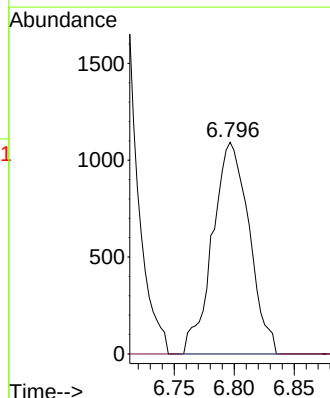
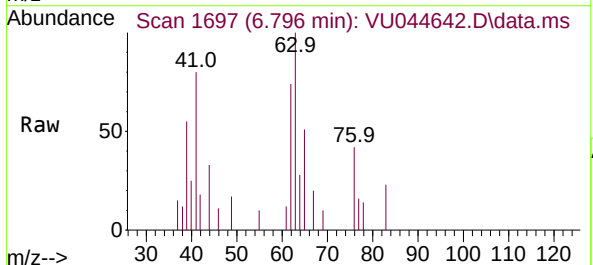
RT: 6.796 min Scan# 1697

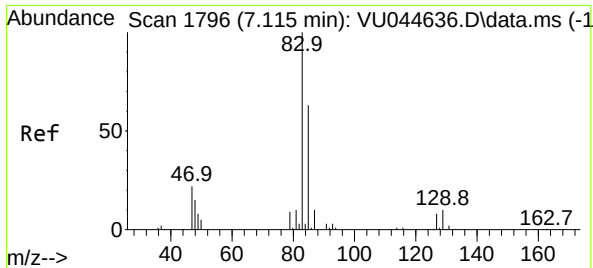
Delta R.T. -0.003 min

Lab File: VU044642.D

Acq: 15 Sep 2021 14:58

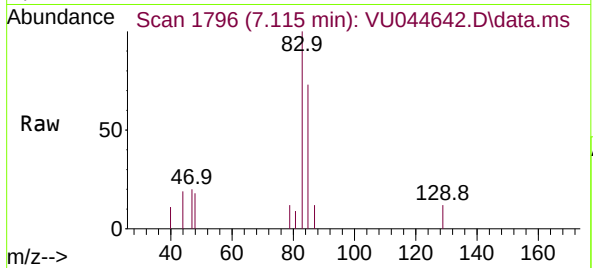
Tgt Ion:	63	Resp:	2317
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.1	4.7#





#38
Bromodichloromethane
Concen: 0.198 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

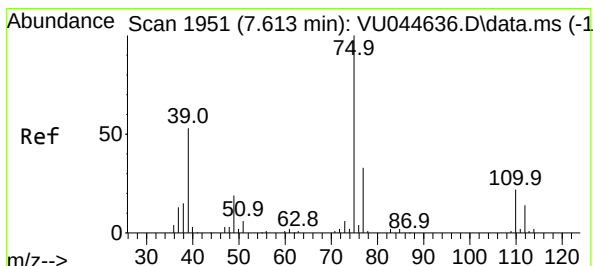
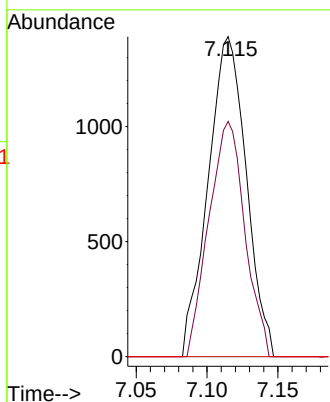
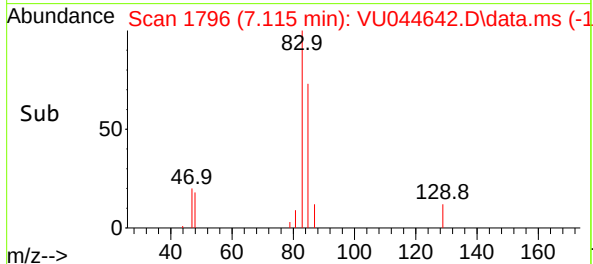
Instrument :
MSVOA_U
ClientSampleId :
MDL05



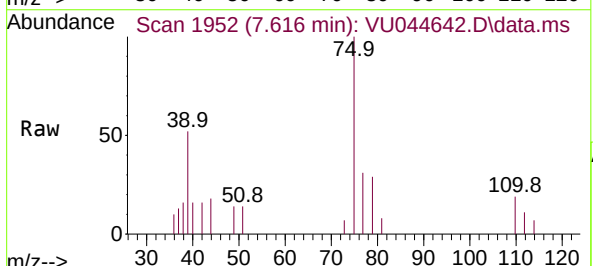
Tgt Ion: 83 Resp: 2606
Ion Ratio Lower Upper
83 100
85 73.5 46.3 86.1
127 0.0 6.0 9.0#

Manual Integrations
APPROVED

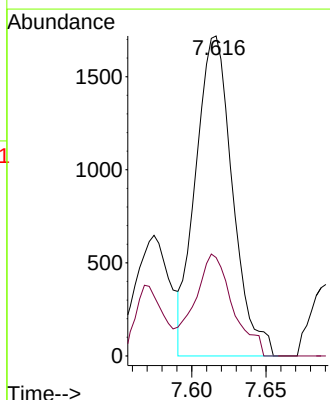
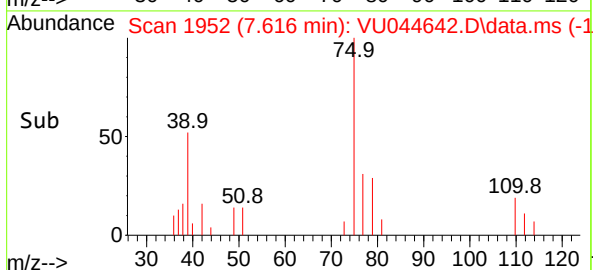
MMDadoda
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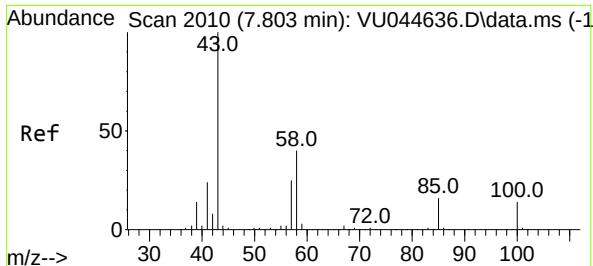


#39
cis-1,3-Dichloropropene
Concen: 0.193 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58



Tgt Ion: 75 Resp: 2972
Ion Ratio Lower Upper
75 100
77 30.7 21.5 39.9





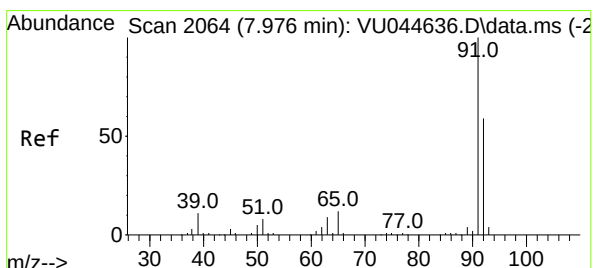
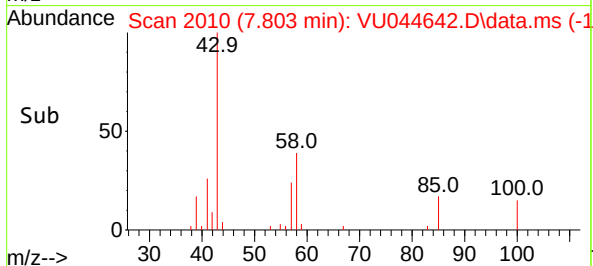
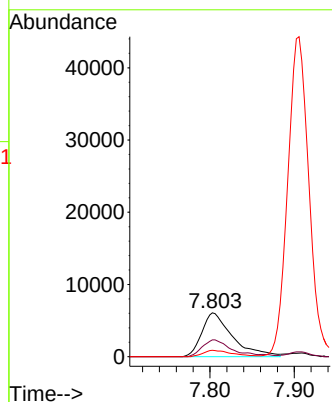
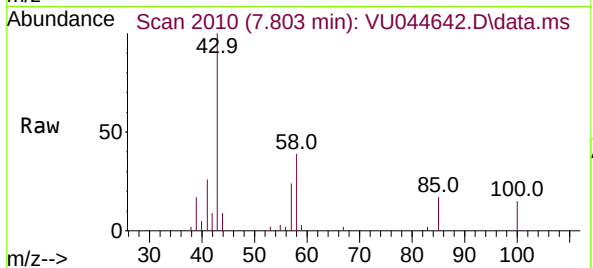
#40
4-Methyl-2-pentanone
Concen: 1.822 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 43 Resp: 15388
Ion Ratio Lower Upper
43 100
58 37.6 31.2 46.8
100 0.0 11.4 17.0#

Instrument :
MSVOA_U
ClientSampled :
MDL05

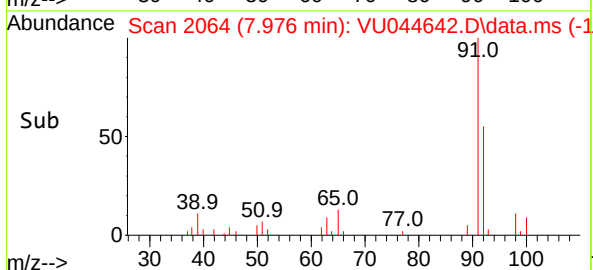
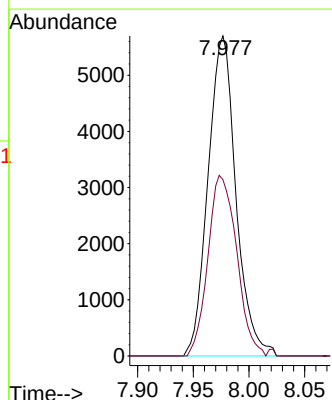
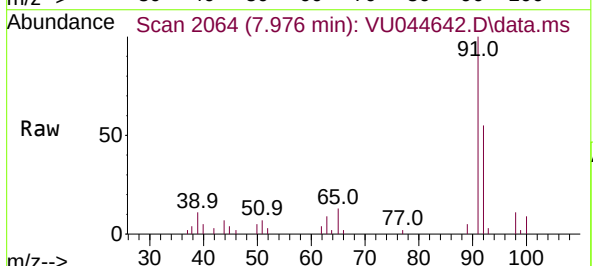
Manual Integrations
APPROVED

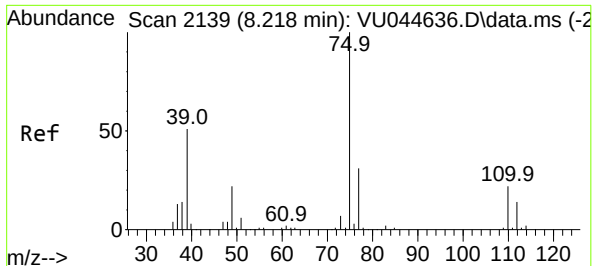
MMDadoda
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#42
Toluene
Concen: 0.235 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

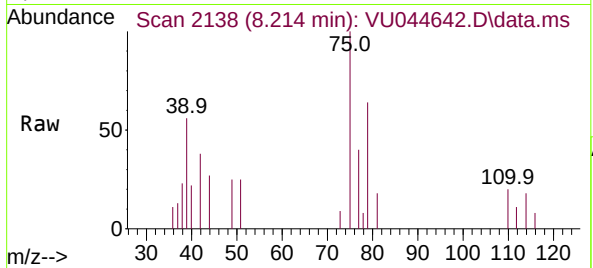
Tgt Ion: 91 Resp: 9944
Ion Ratio Lower Upper
91 100
92 55.1 41.1 76.3





#44
trans-1,3-Dichloropropene
Concen: 0.187 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

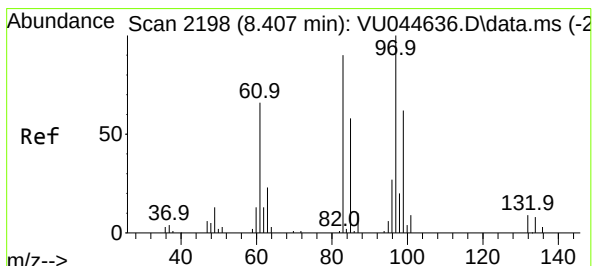
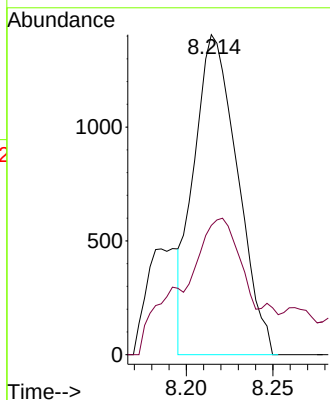
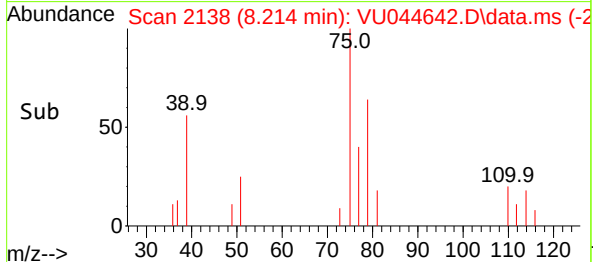
Instrument :
MSVOA_U
ClientSampleId :
MDL05



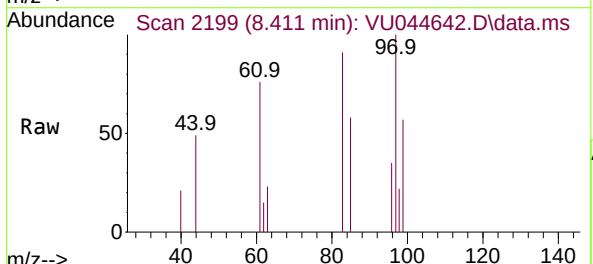
Tgt Ion: 75 Resp: 2458
Ion Ratio Lower Upper
75 100
77 40.4 22.0 41.0

Manual Integrations
APPROVED

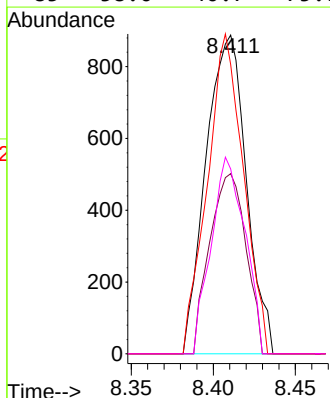
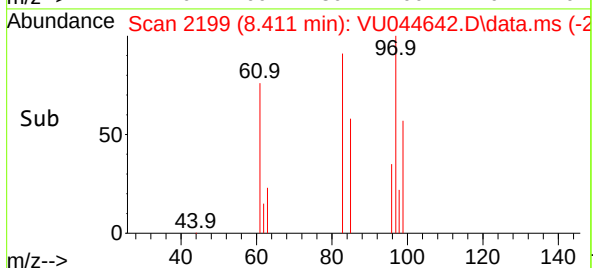
MMDadoda
9/16/2021 12:12:34 PM

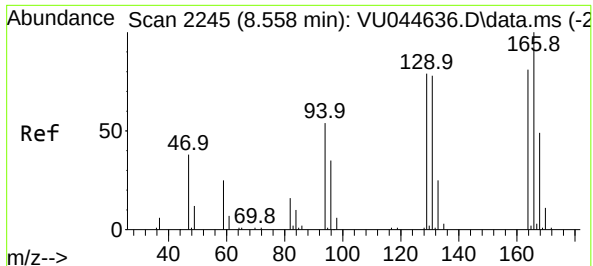


#45
1,1,2-Trichloroethane
Concen: 0.196 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58



Tgt Ion: 97 Resp: 1514
Ion Ratio Lower Upper
97 100
99 56.5 44.8 83.2
83 90.8 63.6 118.0
85 58.0 40.7 75.7





#47

Tetrachloroethene

Concen: 0.188 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU044642.D

Acq: 15 Sep 2021 14:58

Tgt Ion:164 Resp: 1311

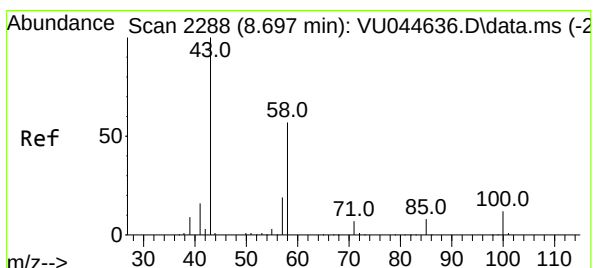
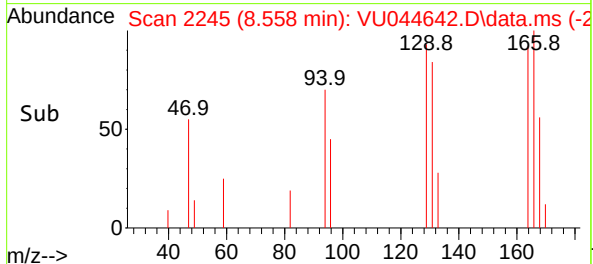
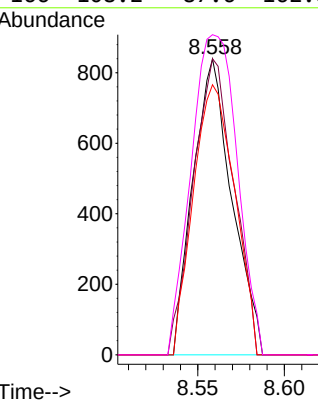
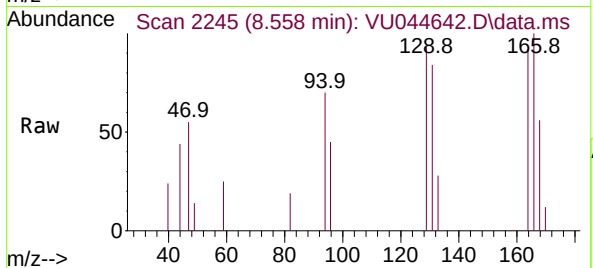
Ion Ratio Lower Upper

164 100

129 100.1 67.0 124.4

131 91.3 65.2 121.0

166 108.2 87.6 162.8



#48

2-Hexanone

Concen: 2.597 ug/L

RT: 8.700 min Scan# 2289

Delta R.T. 0.003 min

Lab File: VU044642.D

Acq: 15 Sep 2021 14:58

Tgt Ion: 43 Resp: 16322

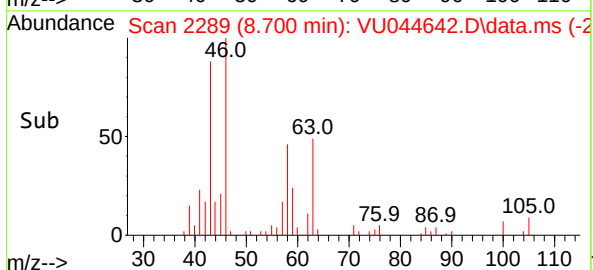
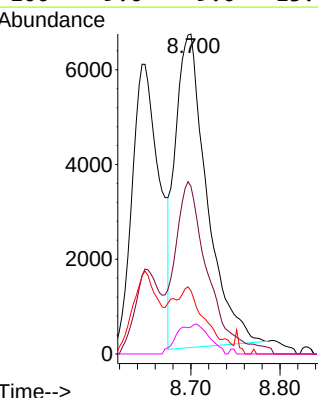
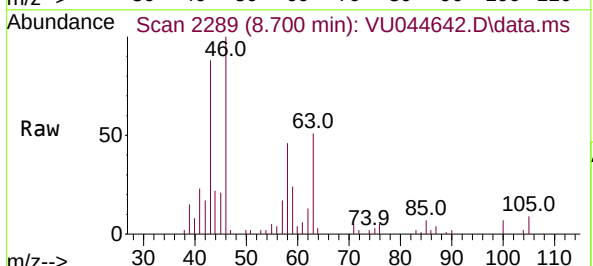
Ion Ratio Lower Upper

43 100

58 58.6 44.6 66.8

57 22.9 14.8 22.2#

100 9.6 9.0 13.4



Instrument :

MSVOA_U

ClientSampled :

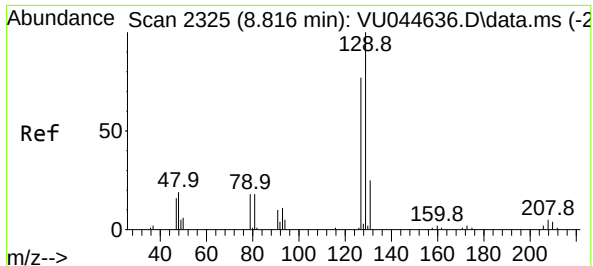
MDL05

Manual Integrations

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#49

Dibromochloromethane

Concen: 0.184 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VU044642.D

Acq: 15 Sep 2021 14:58

Tgt Ion:129 Resp: 1495

Ion Ratio Lower Upper

129 100

127 62.7 53.3 99.1

Instrument :

MSVOA_U

ClientSampled :

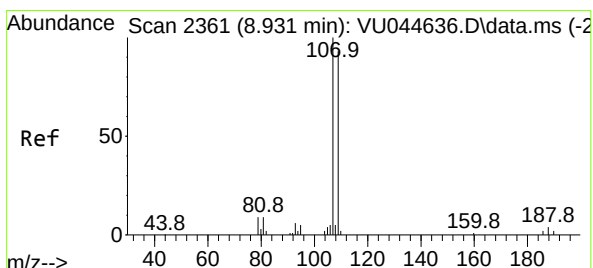
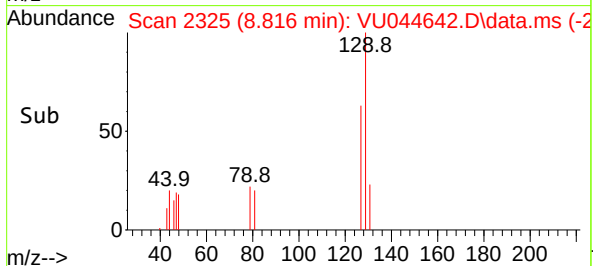
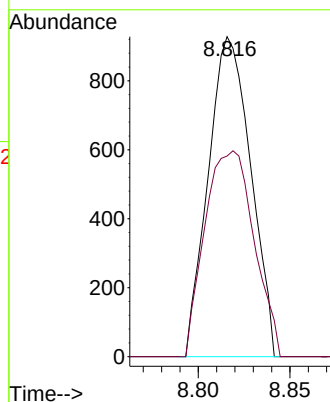
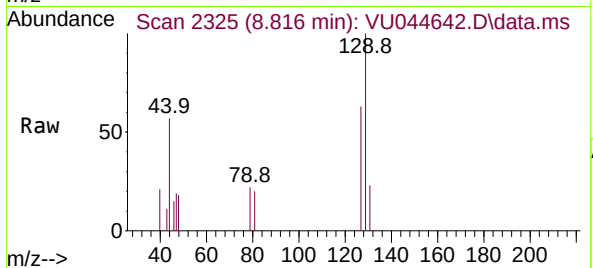
MDL05

Manual Integrations

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#50

1,2-Dibromoethane

Concen: 0.183 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU044642.D

Acq: 15 Sep 2021 14:58

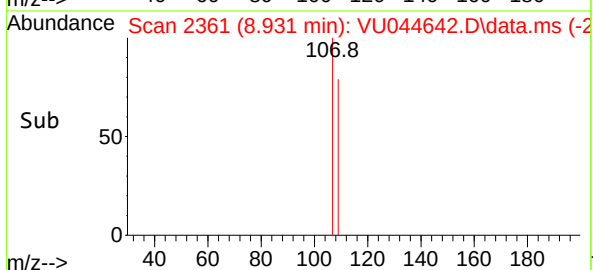
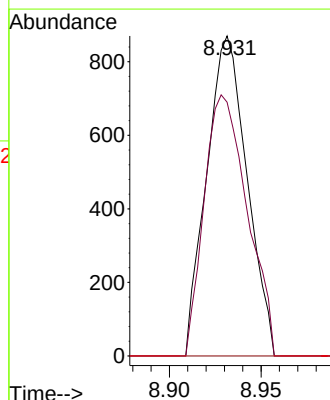
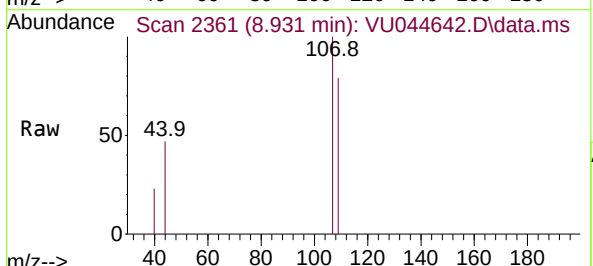
Tgt Ion:107 Resp: 1331

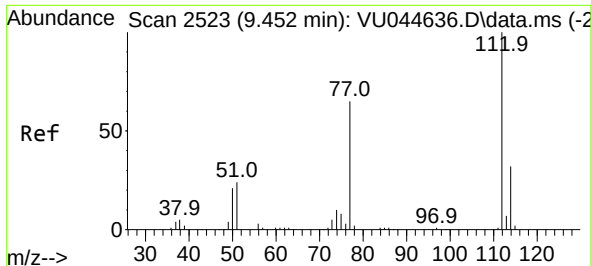
Ion Ratio Lower Upper

107 100

109 79.3 65.5 121.7

188 0.0 3.0 4.4#





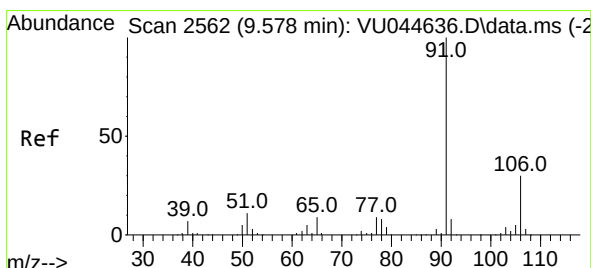
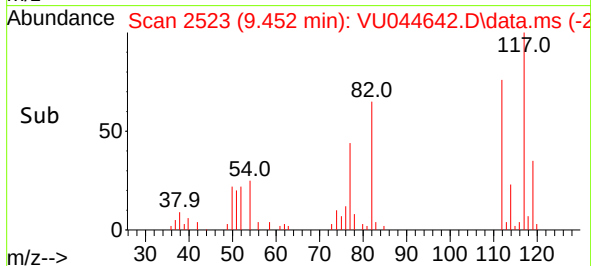
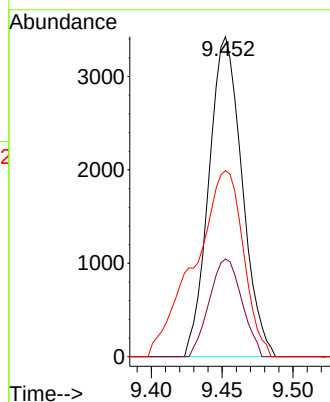
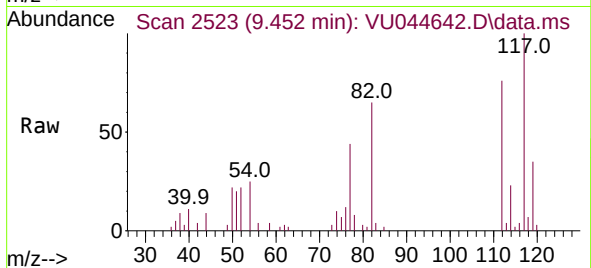
#51
Chlorobenzene
Concen: 0.213 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion:	112	Resp:	5592
Ion Ratio	Lower	Upper	
112	100		
114	30.5	22.8	42.4
77	58.1	51.4	77.0

Instrument :
MSVOA_U
ClientSampleId :
MDL05

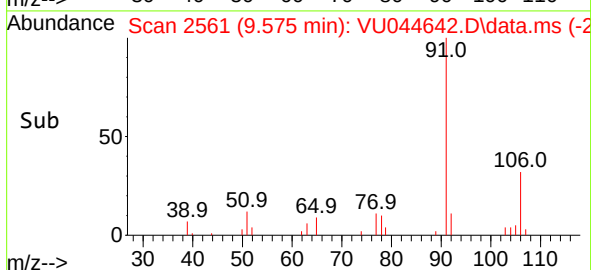
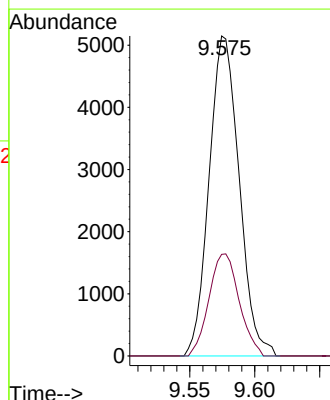
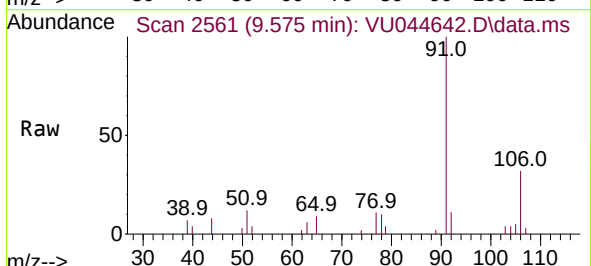
Manual Integrations
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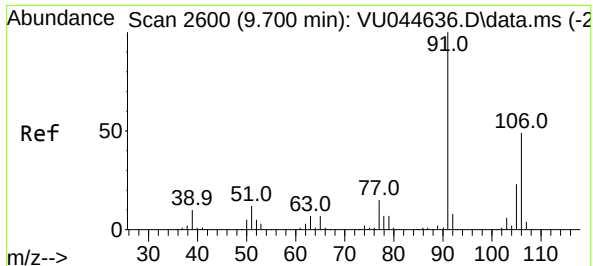
MMDadoda
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#52
Ethylbenzene
Concen: 0.180 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion:	91	Resp:	8267
Ion Ratio	Lower	Upper	
91	100		
106	31.8	21.1	39.1





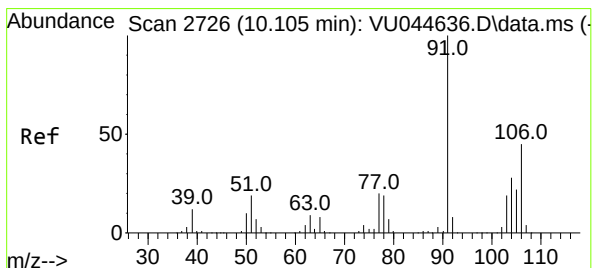
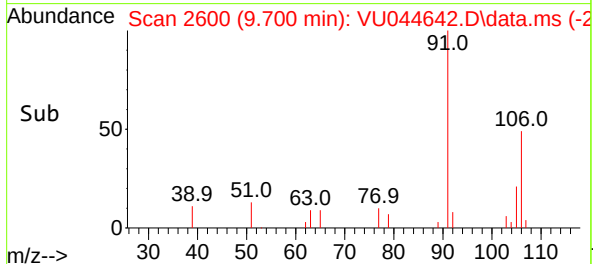
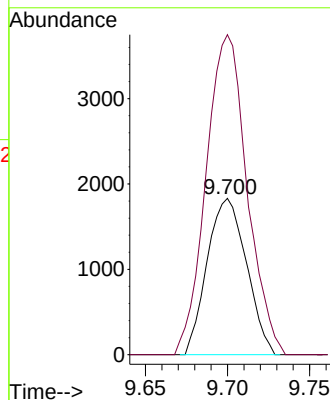
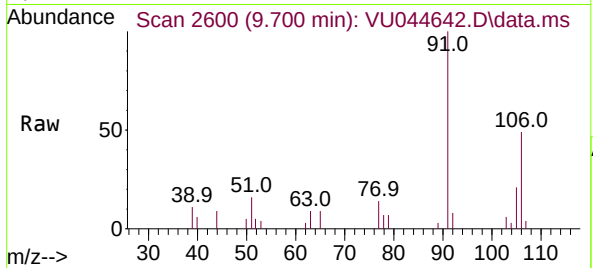
#53
m,p-Xylene
Concen: 0.175 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion:106 Resp: 3046
Ion Ratio Lower Upper
106 100
91 204.8 144.6 268.6

Instrument :
MSVOA_U
ClientSampled :
MDL05

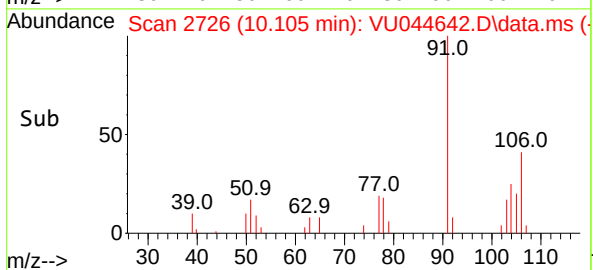
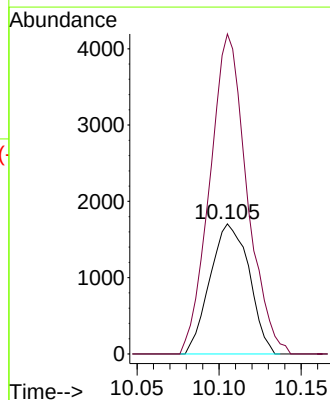
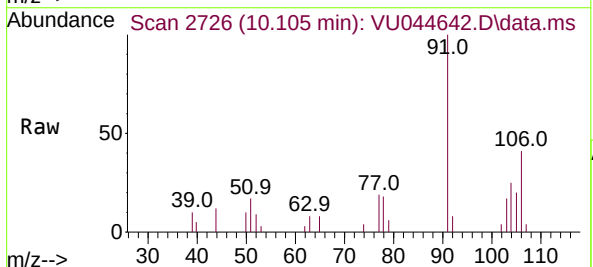
Manual Integrations
APPROVED

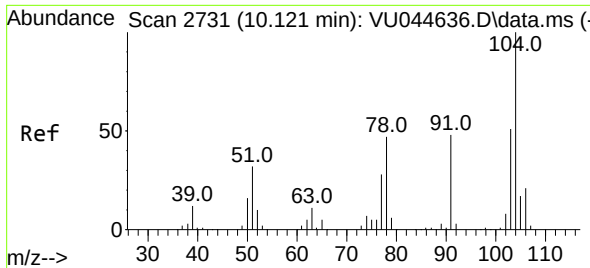
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#54
o-Xylene
Concen: 0.170 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion:106 Resp: 2827
Ion Ratio Lower Upper
106 100
91 246.1 156.2 290.0





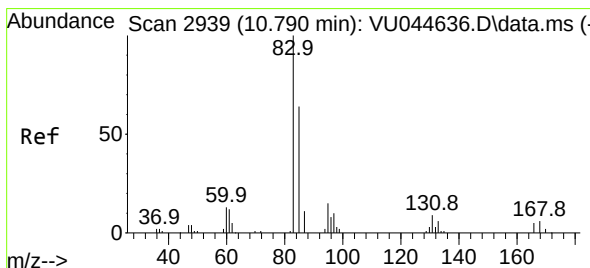
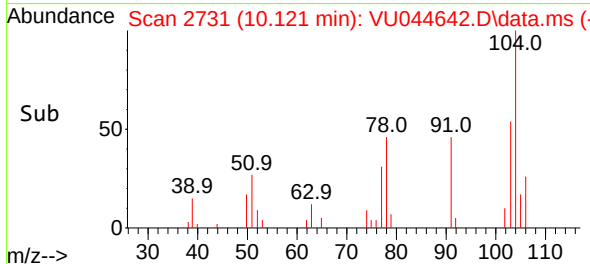
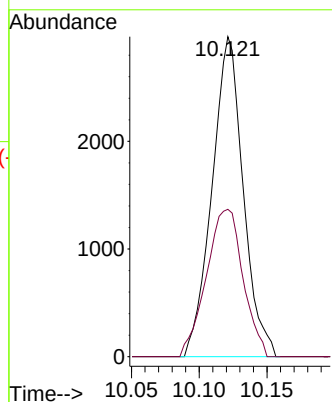
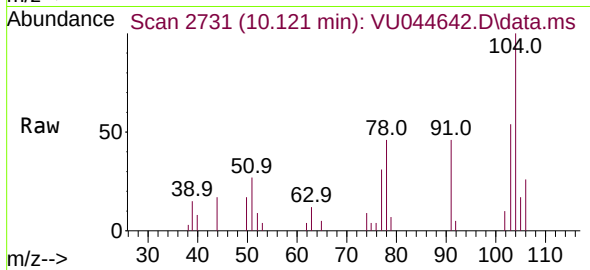
#55
Styrene
Concen: 0.163 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tgt Ion:104 Resp: 4755
Ion Ratio Lower Upper
104 100
78 46.0 33.6 62.4

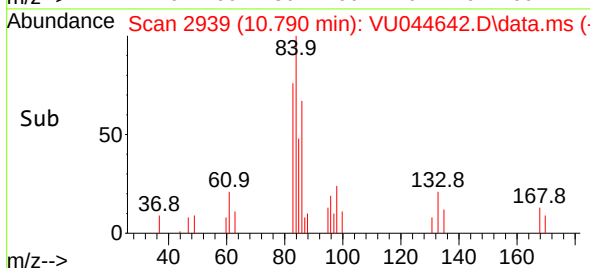
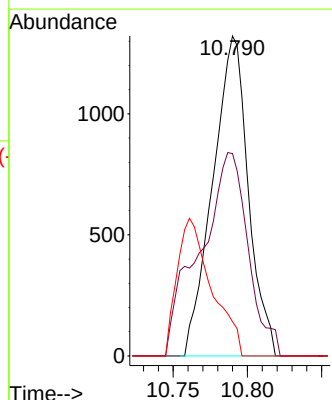
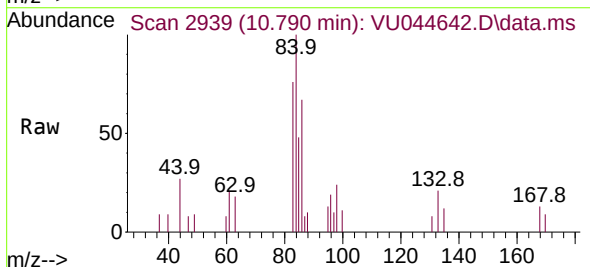
Manual Integrations
APPROVED

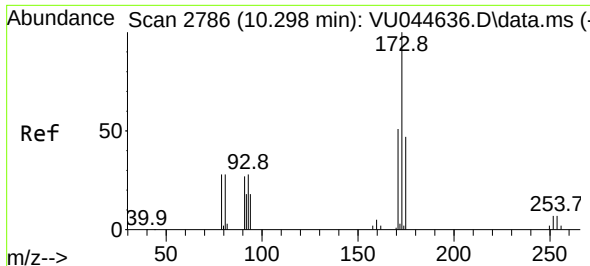
MMDadoda
9/16/2021 12:12:34 PM



#57
1,1,2,2-Tetrachloroethane
Concen: 0.212 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

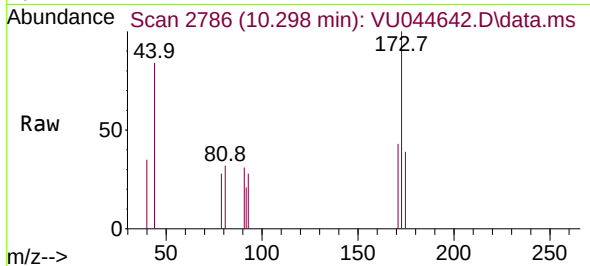
Tgt Ion: 83 Resp: 2197
Ion Ratio Lower Upper
83 100
85 63.2 44.5 82.7
131 10.7 6.6 10.0#





#59
Bromoform
Concen: 0.199 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

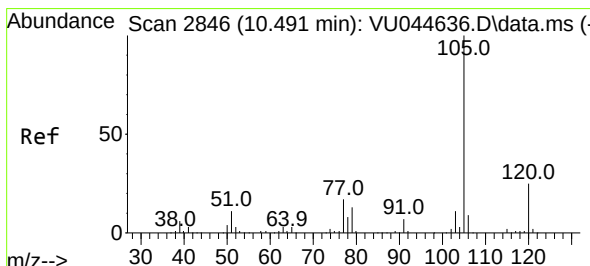
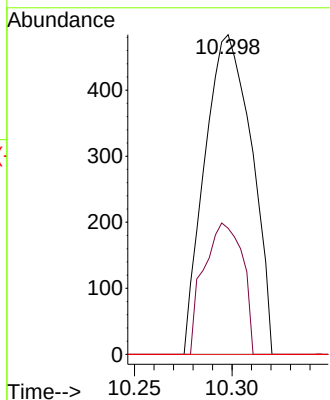
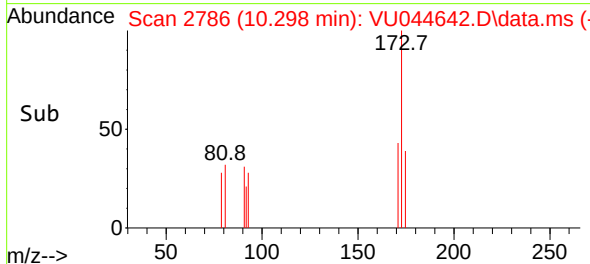
Instrument :
MSVOA_U
ClientSampled :
MDL05



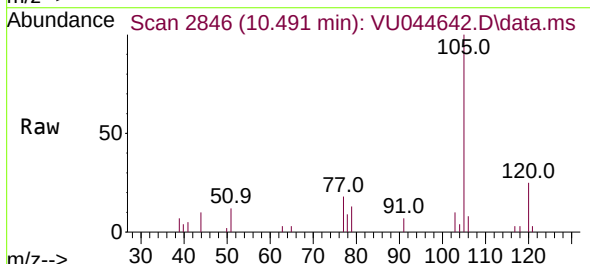
Tgt Ion:173 Resp: 808
Ion Ratio Lower Upper
173 100
175 33.9 38.8 58.2#
254 0.0 4.9 7.3#

Manual Integrations
APPROVED

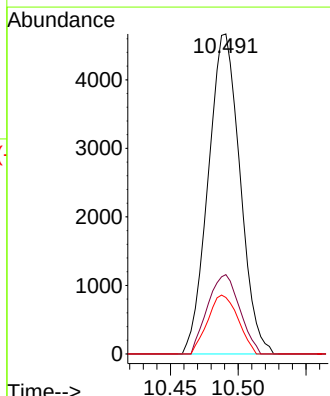
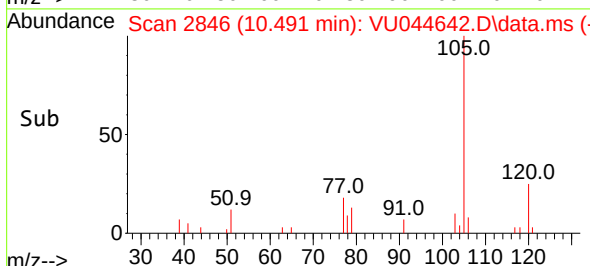
MMDadoda
9/16/2021 12:12:34 PM

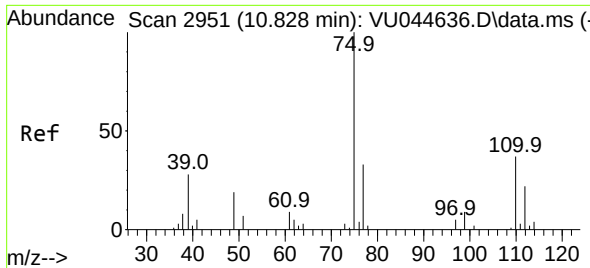


#60
Isopropylbenzene
Concen: 0.186 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58



Tgt Ion:105 Resp: 7605
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.2
77 17.5 13.6 20.4





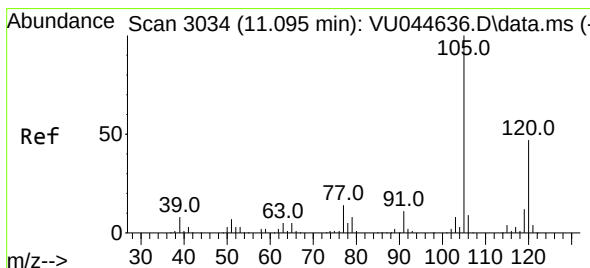
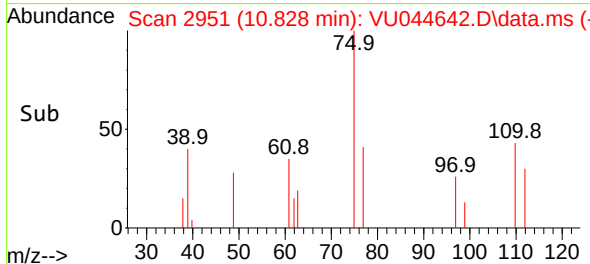
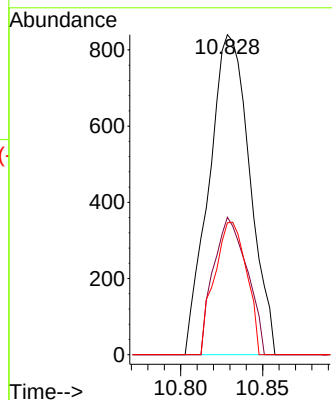
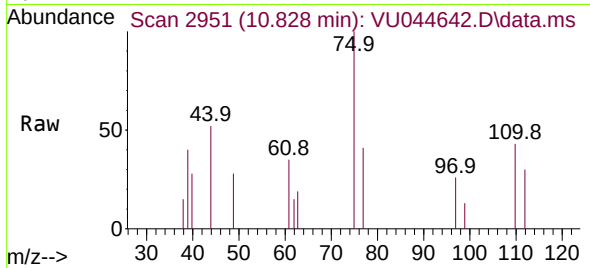
#61
1,2,3-Trichloropropane
Concen: 0.201 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 75 Resp: 1448
Ion Ratio Lower Upper
75 100
110 35.4 28.8 43.2
77 32.6 25.9 38.9

Instrument :
MSVOA_U
ClientSampleId :
MDL05

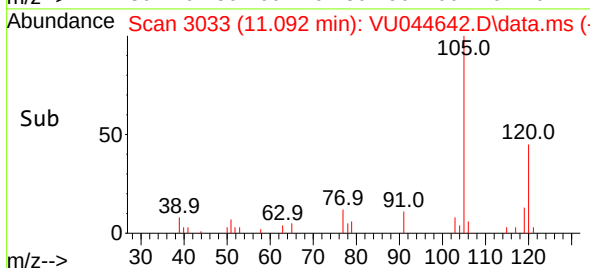
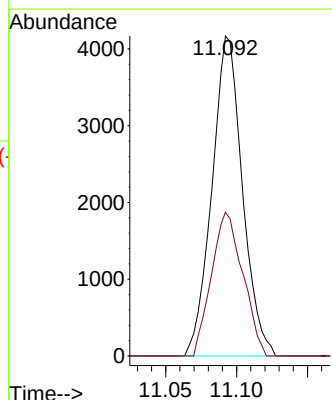
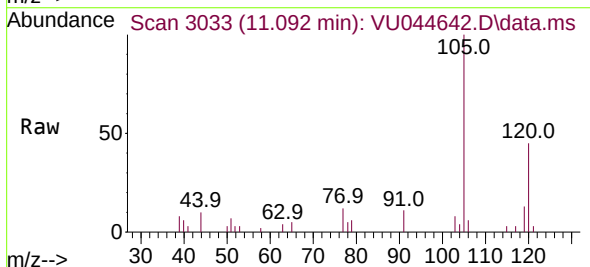
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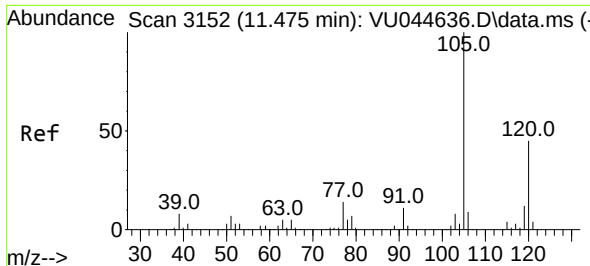
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#62
1,3,5-Trimethylbenzene
Concen: 0.184 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion: 105 Resp: 6231
Ion Ratio Lower Upper
105 100
120 46.2 38.2 57.2





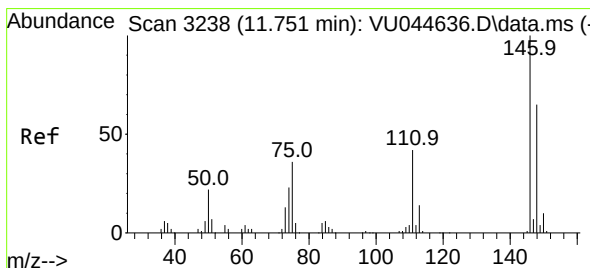
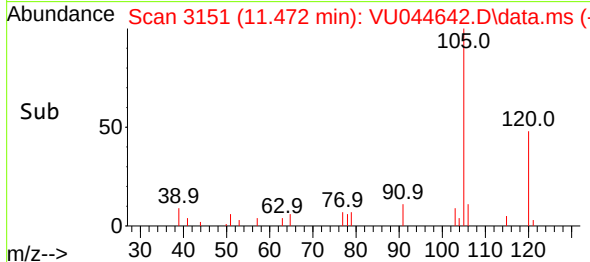
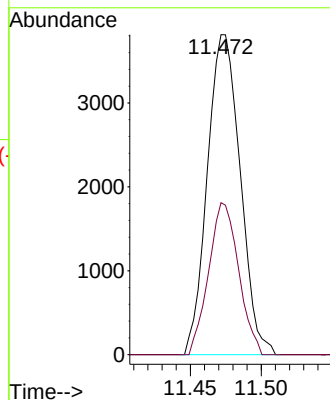
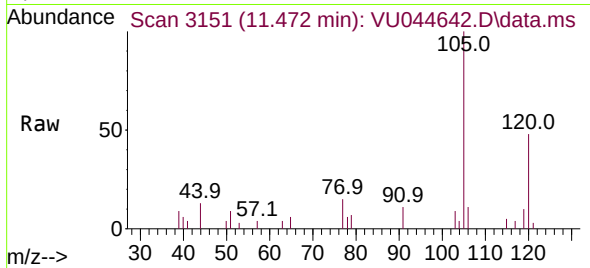
#63
1,2,4-Trimethylbenzene
Concen: 0.177 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

Tgt Ion:105 Resp: 6154
Ion Ratio Lower Upper
105 100
120 43.2 35.4 53.2

Instrument :
MSVOA_U
ClientSampled :
MDL05

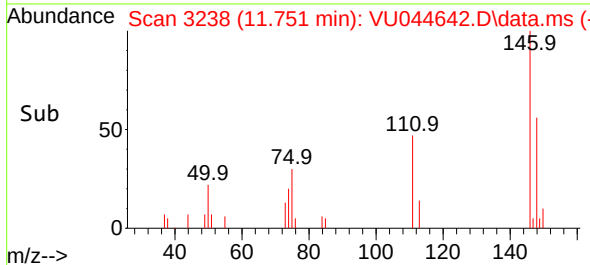
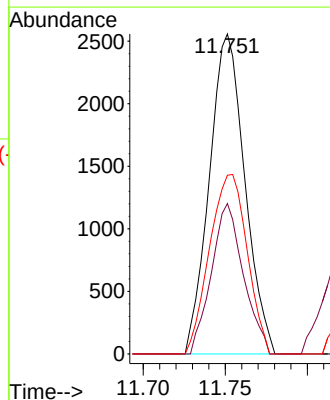
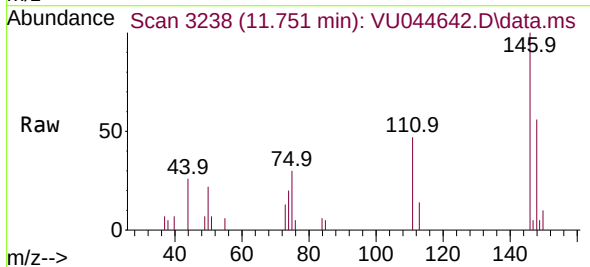
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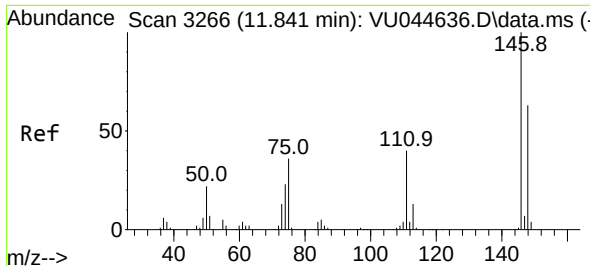
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#64
1,3-Dichlorobenzene
Concen: 0.202 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

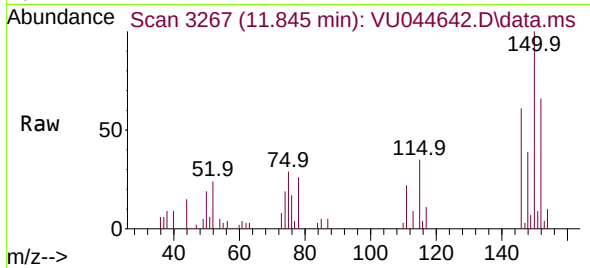
Tgt Ion:146 Resp: 3837
Ion Ratio Lower Upper
146 100
111 47.0 29.8 55.4
148 55.9 45.2 84.0





#65
1,4-Dichlorobenzene
Concen: 0.206 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

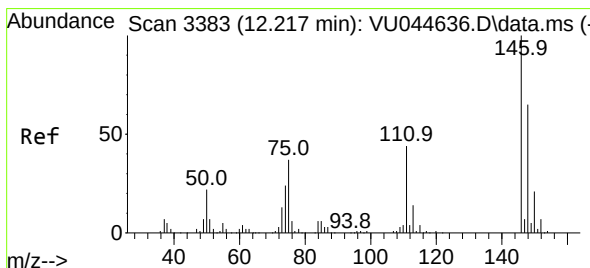
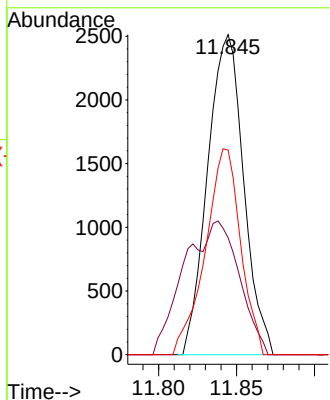
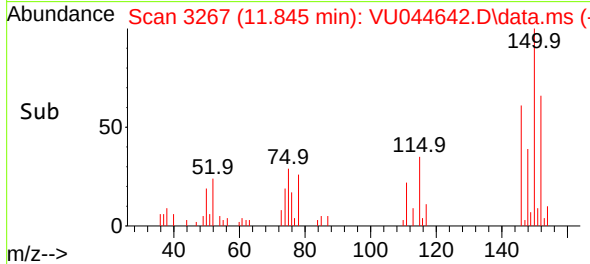
Instrument :
MSVOA_U
ClientSampled :
MDL05



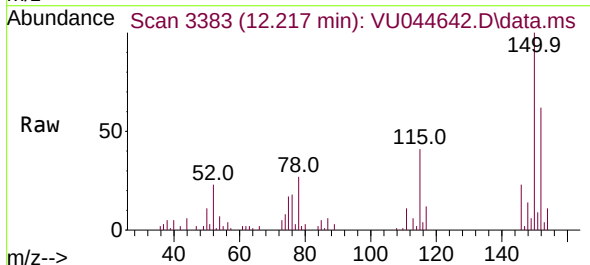
Tgt Ion:146 Resp: 4042
Ion Ratio Lower Upper
146 100
111 36.6 28.7 53.3
148 64.0 45.4 84.4

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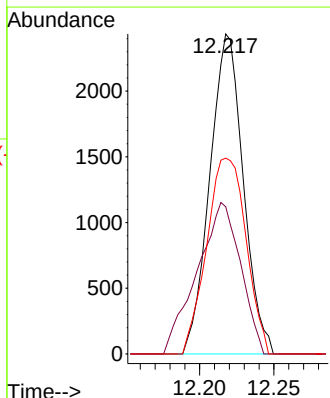
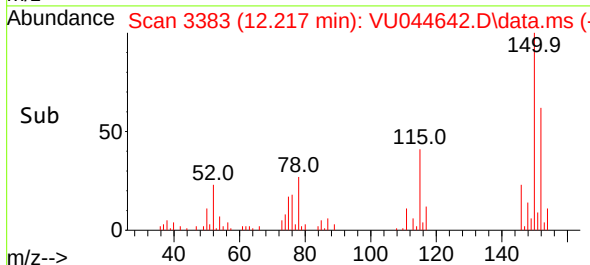
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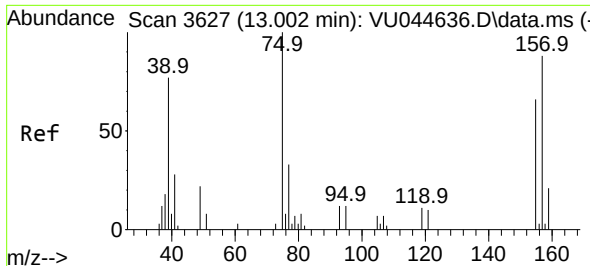


#67
1,2-Dichlorobenzene
Concen: 0.211 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58



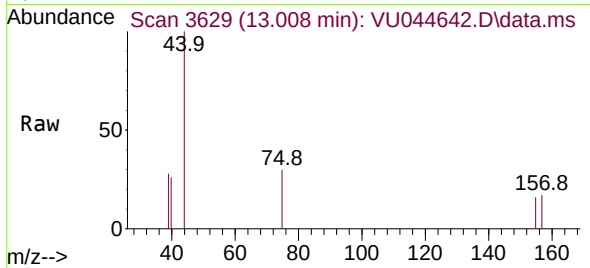
Tgt Ion:146 Resp: 3816
Ion Ratio Lower Upper
146 100
111 46.0 34.6 51.8
148 61.2 51.3 76.9





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.188 ug/L
 RT: 13.008 min Scan# 3629
 Delta R.T. 0.006 min
 Lab File: VU044642.D
 Acq: 15 Sep 2021 14:58

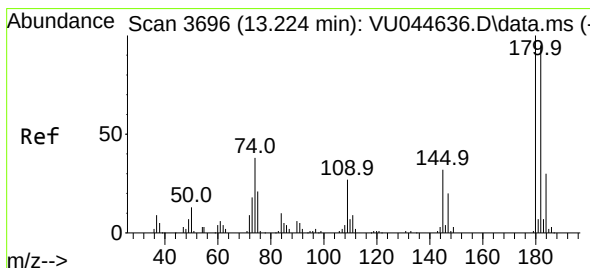
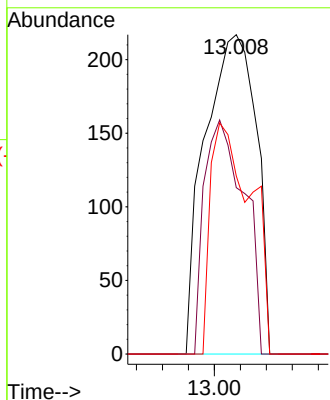
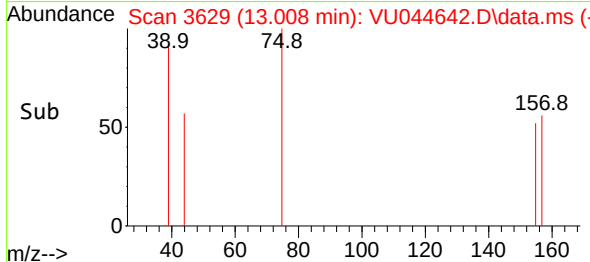
Instrument :
 MSVOA_U
 ClientSampled :
 MDL05



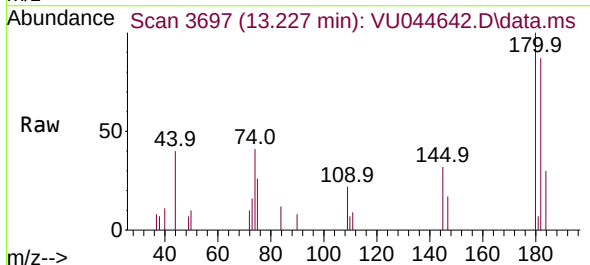
Tgt Ion: 75 Resp: 298
 Ion Ratio Lower Upper
 75 100
 155 52.1 54.0 81.0#
 157 55.8 65.4 98.2#

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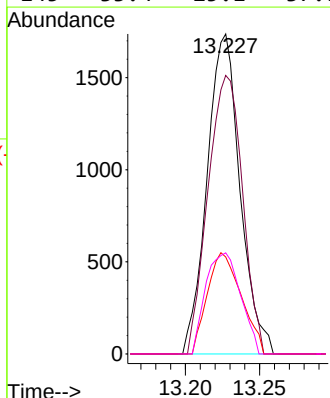
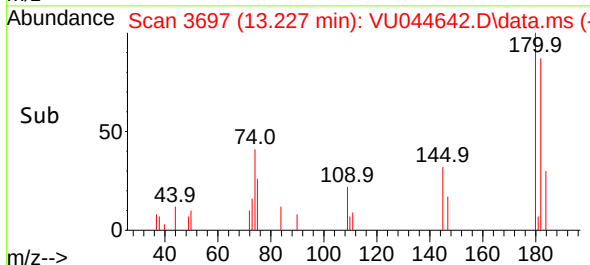
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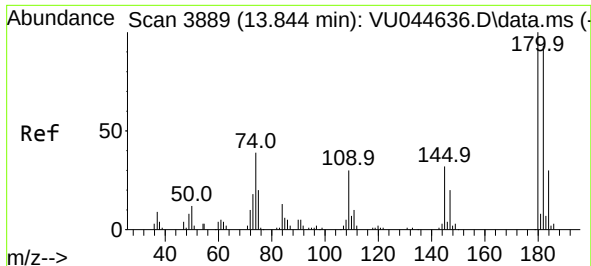


#69
 1,3,5-Trichlorobenzene
 Concen: 0.185 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.003 min
 Lab File: VU044642.D
 Acq: 15 Sep 2021 14:58



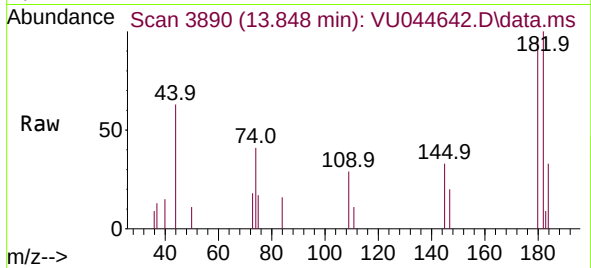
Tgt Ion: 180 Resp: 2682
 Ion Ratio Lower Upper
 180 100
 182 90.9 76.9 115.3
 184 32.6 24.1 36.1
 145 33.4 25.1 37.7





#70
1,2,4-trichlorobenzene
Concen: 0.169 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58

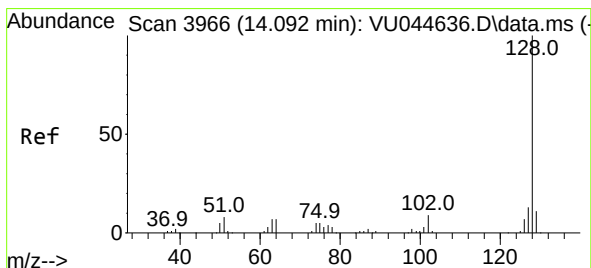
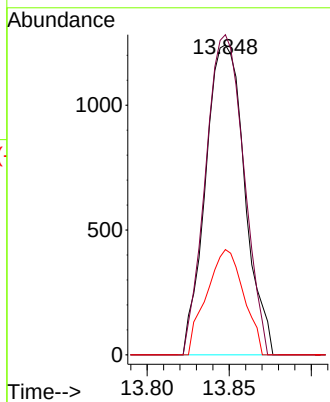
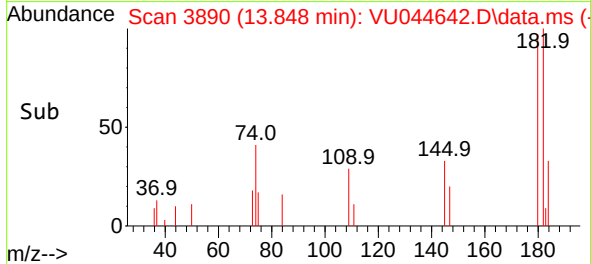
Instrument :
MSVOA_U
ClientSampleId :
MDL05



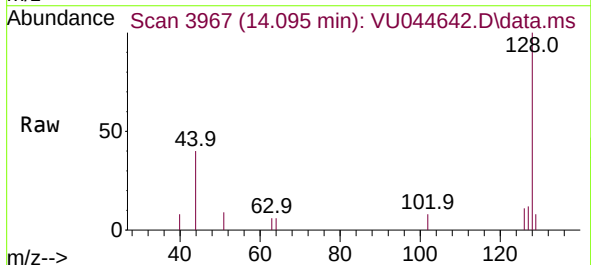
Tgt Ion:180 Resp: 2061
Ion Ratio Lower Upper
180 100
182 100.5 75.4 113.0
145 32.2 25.2 37.8

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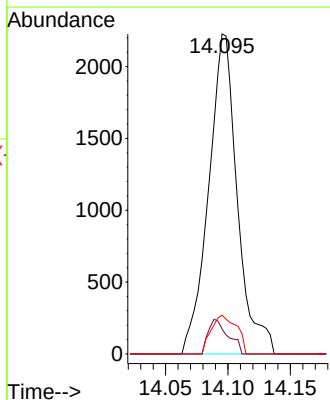
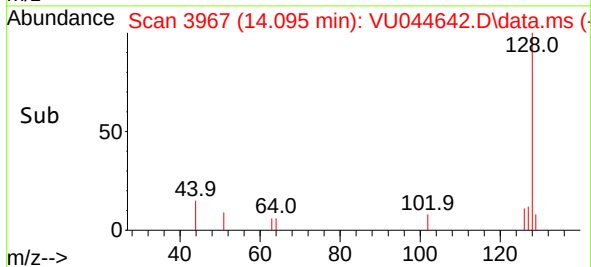
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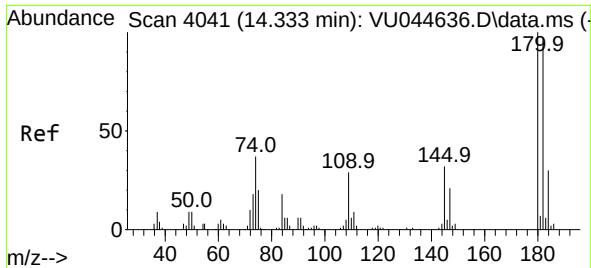


#71
Naphthalene
Concen: 0.150 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044642.D
Acq: 15 Sep 2021 14:58



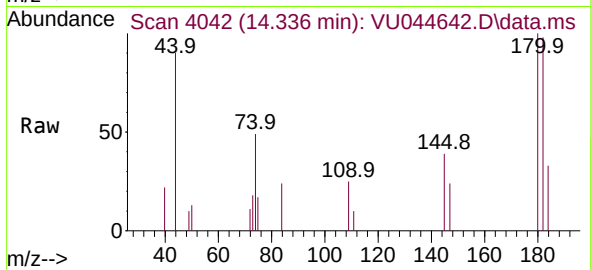
Tgt Ion:128 Resp: 3565
Ion Ratio Lower Upper
128 100
129 7.5 8.7 13.1#
127 10.7 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.165 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044642.D
 Acq: 15 Sep 2021 14:58

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



Tgt Ion:	180	Resp:	1859
Ion Ratio	Lower	Upper	
180	100		
182	89.4	75.9	113.9
145	34.4	27.0	40.6

Manual Integrations
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