

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
 Data File : VU044640.D
 Acq On : 15 Sep 2021 13:15
 Operator : SY/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 12:12:26 PM

Quant Time: Sep 16 02:31:11 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	130908	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	133480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	63436	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29565	3.828	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.919	69	33026	4.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.571	65	15907	4.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.645	46	155334m	47.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.940%
24) Chloroform-d	5.073	84	73078	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.710	65	44693	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.735	84	143982	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.700	67	51319	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.906	98	119134	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.185	79	15957	4.050	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.645	63	114080	45.050	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.100%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44232	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	46637	4.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2376	0.228	ug/L	100
3) Chloromethane	1.520	50	3282	0.262	ug/L	95
5) Vinyl chloride	1.607	62	3254	0.254	ug/L	85
6) Bromomethane	1.861	94	1776	0.271	ug/L	87
8) Chloroethane	1.938	64	2621	0.321	ug/L #	74
9) Trichlorofluoromethane	2.144	101	3637	0.252	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2435	0.275	ug/L	89
12) 1,1-Dichloroethene	2.588	96	2348	0.279	ug/L #	1
13) Acetone	2.652	43	3222	1.528	ug/L	90
14) Carbon disulfide	2.803	76	5650	0.212	ug/L	99
15) Methyl Acetate	2.964	43	1470m	0.386	ug/L	
16) Methylene chloride	3.057	84	4931	0.369	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	5446	0.234	ug/L	96
18) trans-1,2-Dichloroethene	3.362	96	2134	0.239	ug/L	91
19) 1,1-Dichloroethane	3.880	63	4366	0.242	ug/L	90
22) cis-1,2-Dichloroethene	4.671	96	2334	0.237	ug/L	93
23) Bromochloromethane	4.983	128	1046	0.251	ug/L	87
25) Chloroform	5.096	83	9221	0.479	ug/L	92
27) 1,2-Dichloroethane	5.806	62	3168	0.251	ug/L #	77

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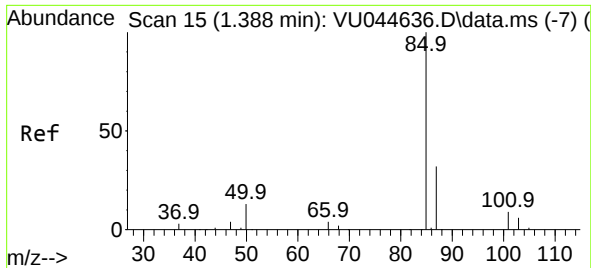
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Quant Time: Sep 16 02:31:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

29) 1,1,1-Trichloroethane	5.324	97	3416	0.235	ug/L	95
30) Cyclohexane	5.395	56	3437	0.206	ug/L	91
31) Carbon tetrachloride	5.533	117	2553	0.224	ug/L	97
33) Benzene	5.784	78	9773	0.247	ug/L	100
34) Trichloroethene	6.549	95	2234	0.228	ug/L	88
35) Methylcyclohexane	6.767	83	3628	0.225	ug/L	95
37) 1,2-Dichloropropane	6.796	63	2761	0.260	ug/L #	88
38) Bromodichloromethane	7.115	83	3049	0.237	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	3269	0.217	ug/L	90
40) 4-Methyl-2-pentanone	7.803	43	17099	2.069	ug/L #	89
42) Toluene	7.973	91	11057	0.267	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	3054	0.238	ug/L	86
45) 1,1,2-Trichloroethane	8.407	97	1827	0.242	ug/L	96
47) Tetrachloroethene	8.562	164	1498	0.220	ug/L	92
48) 2-Hexanone	8.697	43	19125	3.110	ug/L	90
49) Dibromochloromethane	8.819	129	1685	0.212	ug/L	89
50) 1,2-Dibromoethane	8.931	107	1607	0.226	ug/L #	92
51) Chlorobenzene	9.455	112	6251	0.244	ug/L	96
52) Ethylbenzene	9.574	91	9442	0.211	ug/L	100
53) m,p-Xylene	9.700	106	3453	0.203	ug/L	83
54) o-Xylene	10.105	106	3194	0.196	ug/L	97
55) Styrene	10.121	104	5436	0.191	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	2359	0.233	ug/L	92
59) Bromoform	10.295	173	973	0.247	ug/L #	74
60) Isopropylbenzene	10.491	105	8650	0.218	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	1779	0.254	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	6675	0.202	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	6840	0.202	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	4469	0.241	ug/L	94
65) 1,4-Dichlorobenzene	11.844	146	4601	0.241	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	4452	0.253	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	3089	0.219	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	2289	0.193	ug/L	94
71) Naphthalene	14.095	128	3434	0.148	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.333	180	1989	0.182	ug/L	94

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



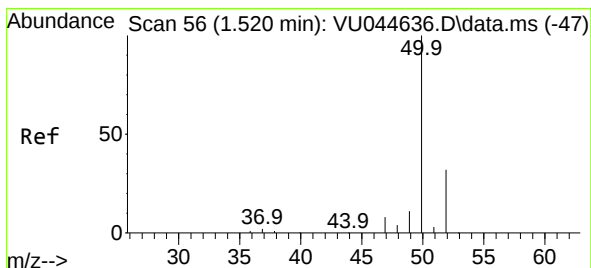
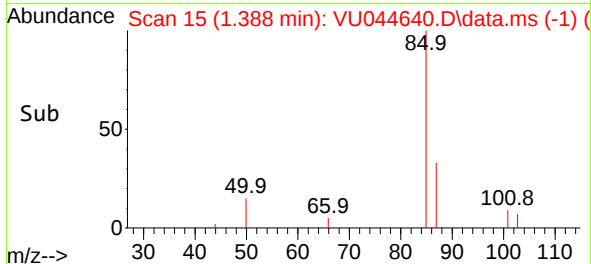
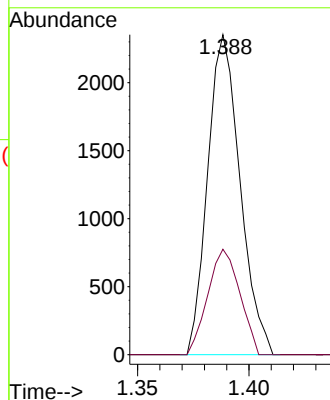
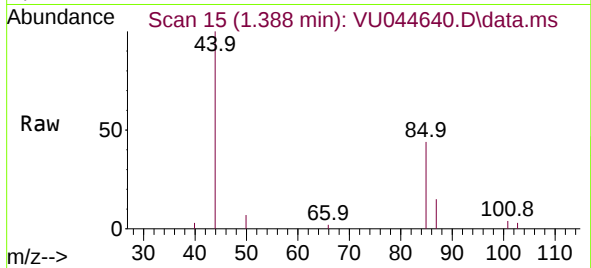
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Dichlorodifluoromethane
Concen: 0.228 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion: 85 Resp: 2376
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0

Instrument :
MSVOA_U
ClientSampled :
MDL03

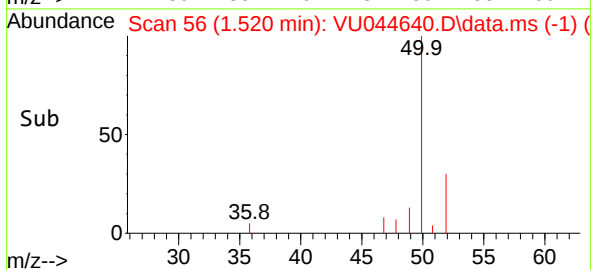
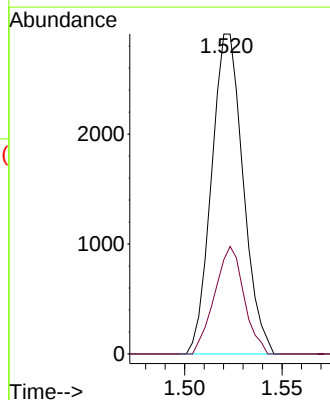
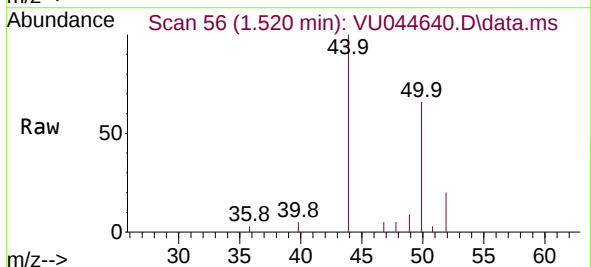
Manual Integrations
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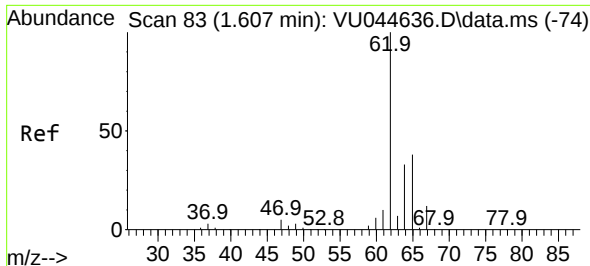
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#3
Chloromethane
Concen: 0.262 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

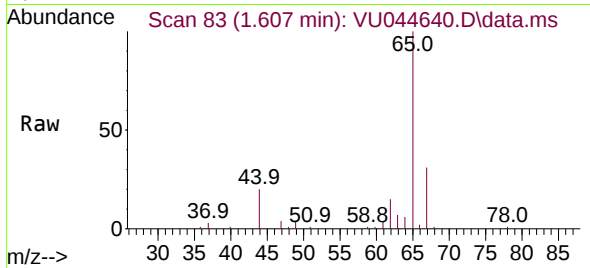
Tgt Ion: 50 Resp: 3282
Ion Ratio Lower Upper
50 100
52 29.5 22.6 42.0





#5
 Vinyl chloride
 Concen: 0.254 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044640.D
 Acq: 15 Sep 2021 13:15

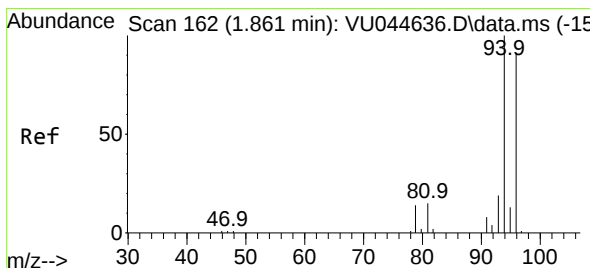
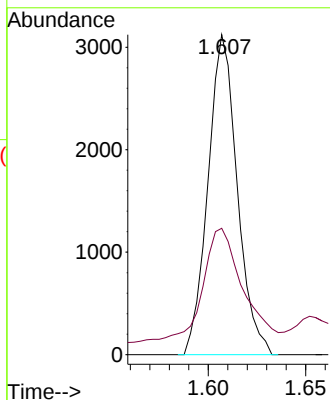
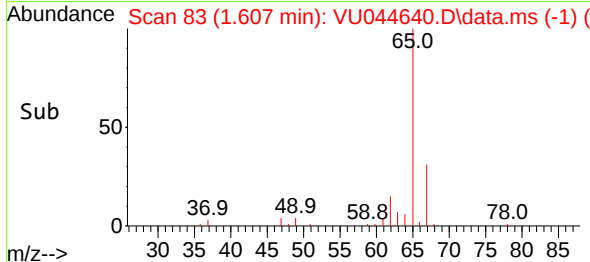
Instrument :
 MSVOA_U
 ClientSampled :
 MDL03



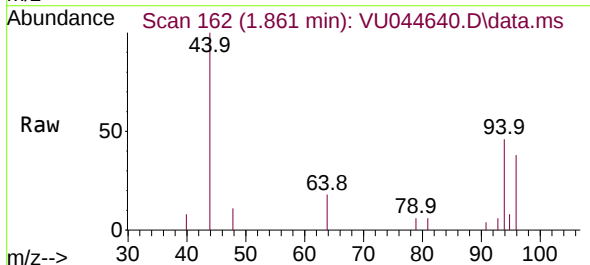
Tgt Ion: 62 Resp: 3254
 Ion Ratio Lower Upper
 62 100
 64 39.5 22.0 40.8

Manual Integrations
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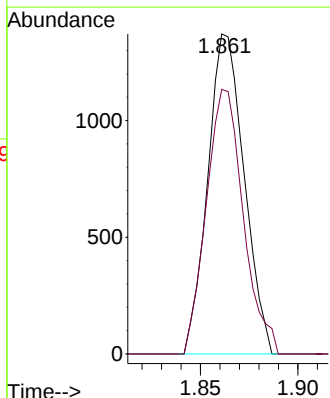
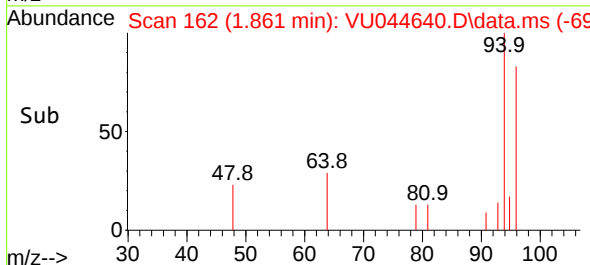
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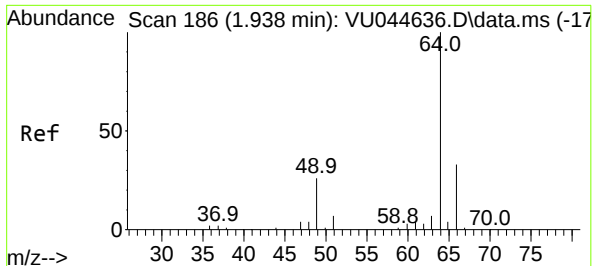


#6
 Bromomethane
 Concen: 0.271 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044640.D
 Acq: 15 Sep 2021 13:15



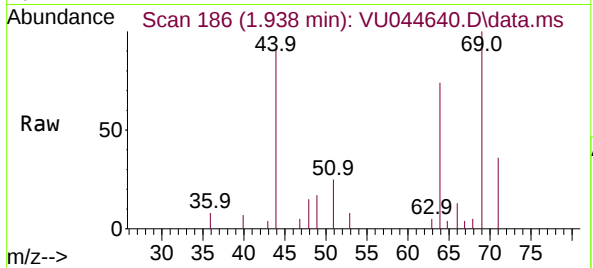
Tgt Ion: 94 Resp: 1776
 Ion Ratio Lower Upper
 94 100
 96 82.6 66.4 123.4



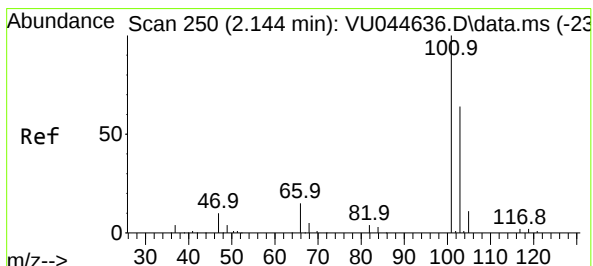
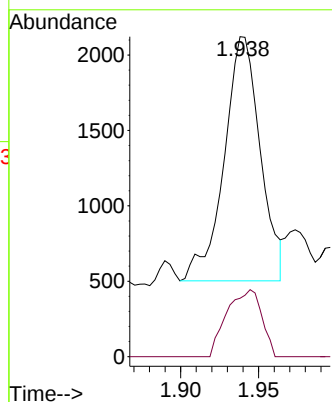
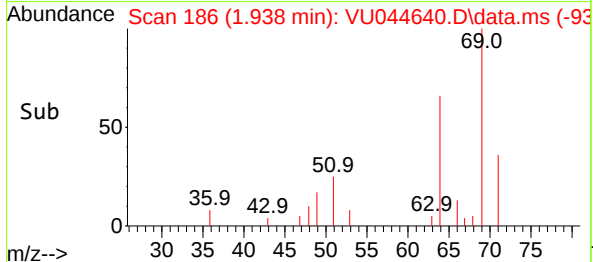


#8
Chloroethane
Concen: 0.321 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

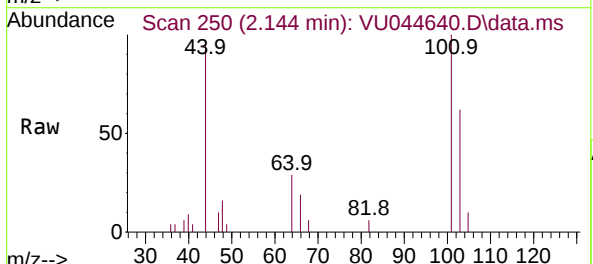
Instrument :
MSVOA_U
ClientSampled :
MDL03



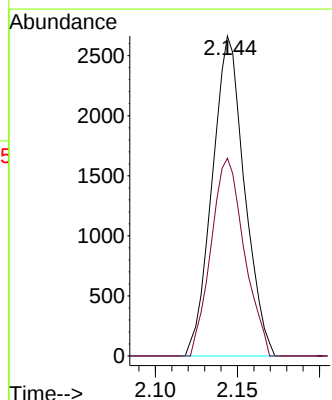
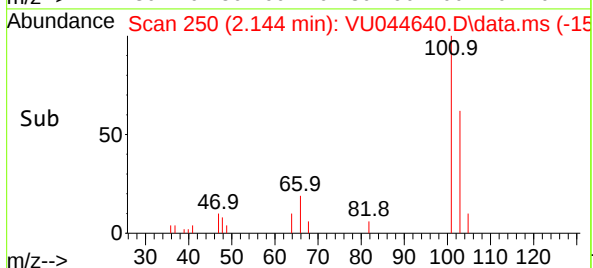
Tgt Ion: 64 Resp: 2621
Ion Ratio Lower Upper
64 100
66 17.2 22.1 41.1#

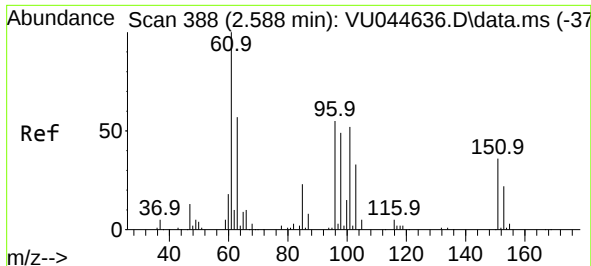


#9
Trichlorofluoromethane
Concen: 0.252 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



Tgt Ion: 101 Resp: 3637
Ion Ratio Lower Upper
101 100
103 63.4 51.2 76.8





#10

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

Concen: 0.275 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion:	101	Resp:	2435
Ion Ratio	Lower	Upper	
101	100		
85	35.8	35.4	53.2
151	59.7	53.9	80.9

Instrument :

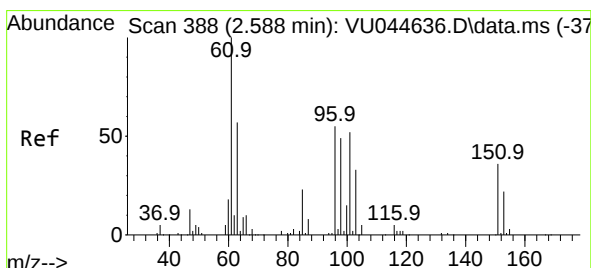
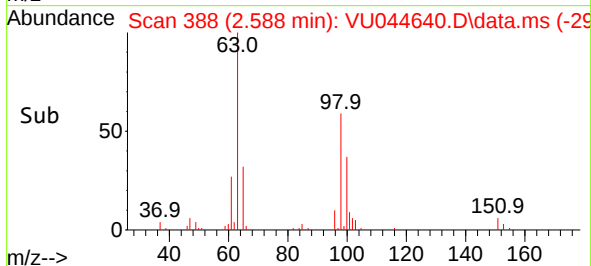
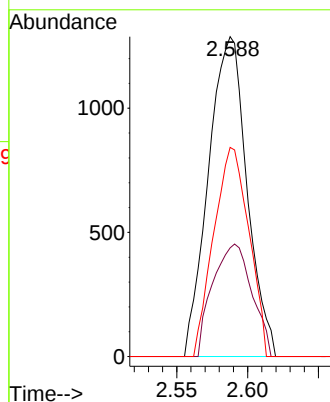
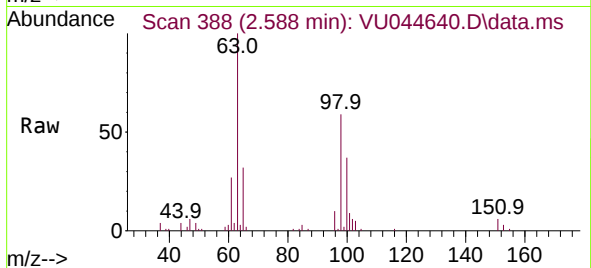
MSVOA_U

ClientSampleId :

MDL03

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#12

1,1-Dichloroethene

Concen: 0.279 ug/L

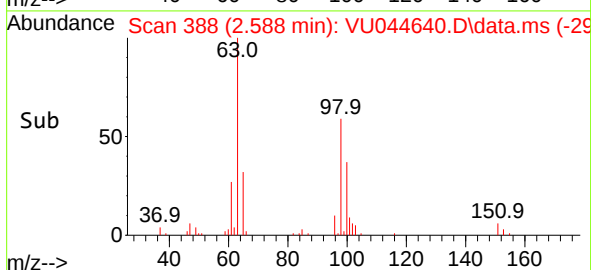
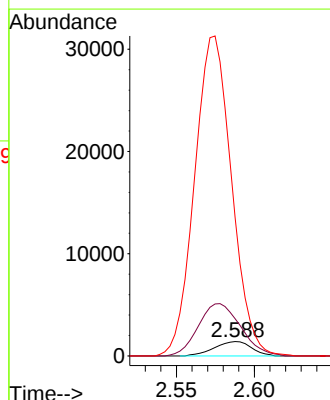
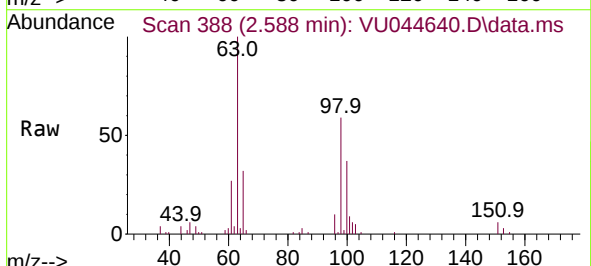
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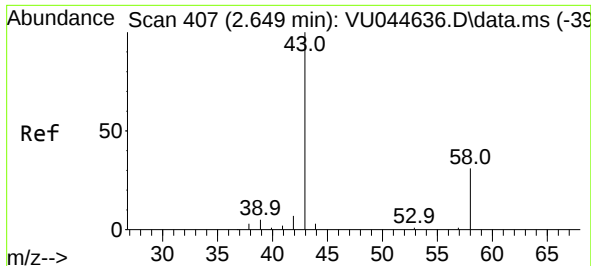
Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion:	96	Resp:	2348
Ion Ratio	Lower	Upper	
96	100		
61	258.6	129.3	240.1#
63	960.6	91.3	169.5#





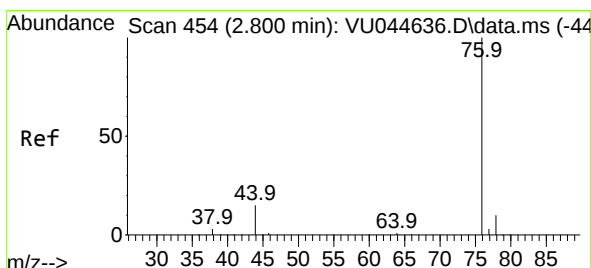
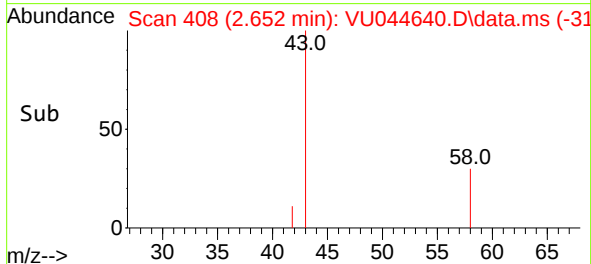
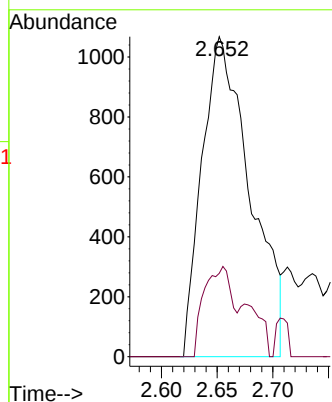
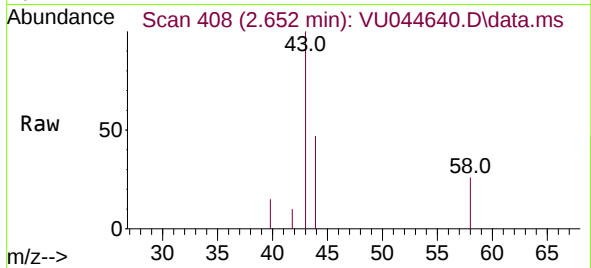
#13
Acetone
Concen: 1.528 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion: 43 Resp: 3222
Ion Ratio Lower Upper
43 100
58 16.4 0.0 42.4

Instrument :
MSVOA_U
ClientSampleId :
MDL03

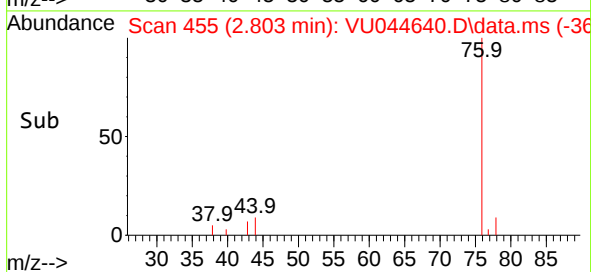
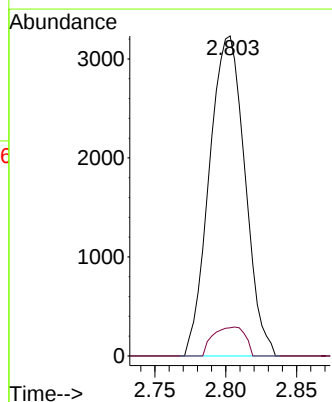
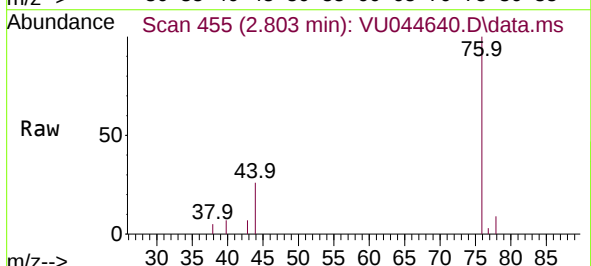
Manual Integrations
APPROVED

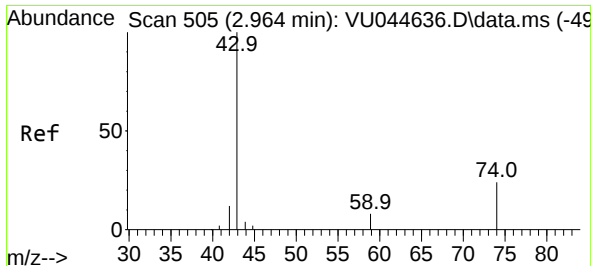
MMDadoda
9/16/2021 12:12:26 PM



#14
Carbon disulfide
Concen: 0.212 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion: 76 Resp: 5650
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0





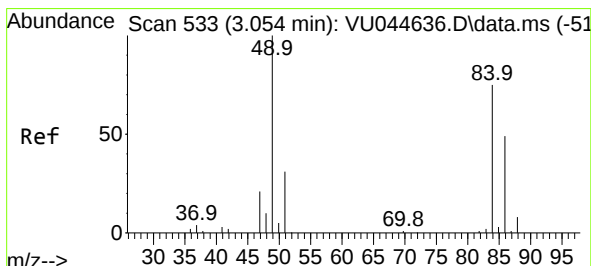
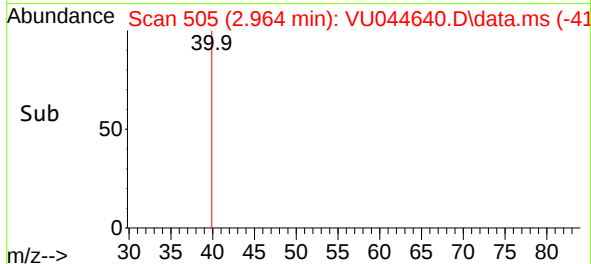
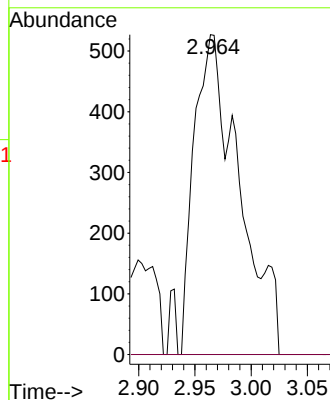
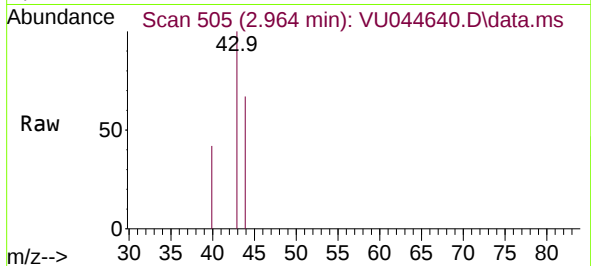
#15
Methyl Acetate
Concen: 0.386 ug/L m
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#

Instrument :
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ClientSampled :
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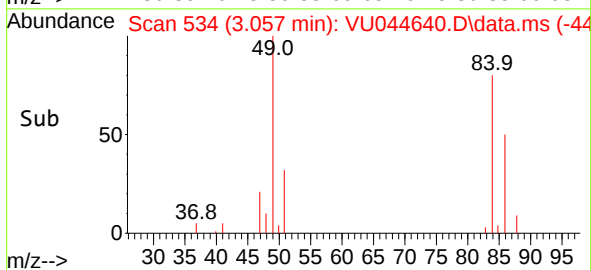
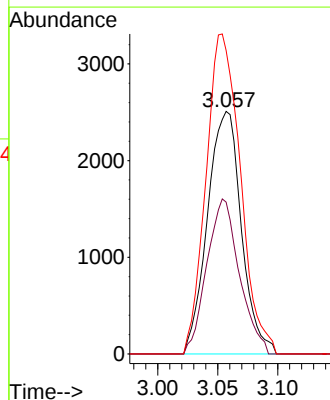
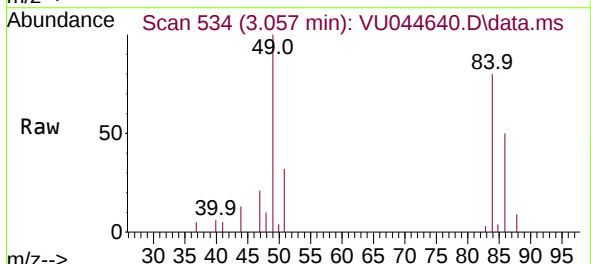
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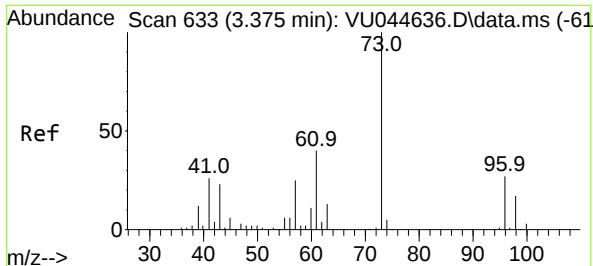
MMDadoda
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#16
Methylene chloride
Concen: 0.369 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion: 84 Resp: 4931
Ion Ratio Lower Upper
84 100
86 62.6 45.8 85.2
49 125.1 92.9 172.5





#17

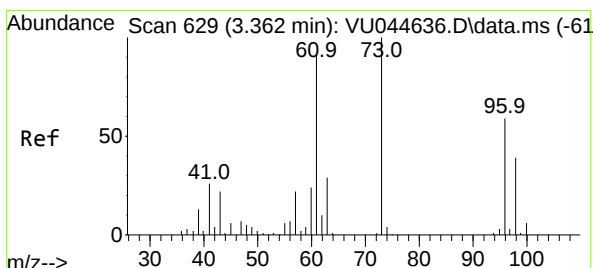
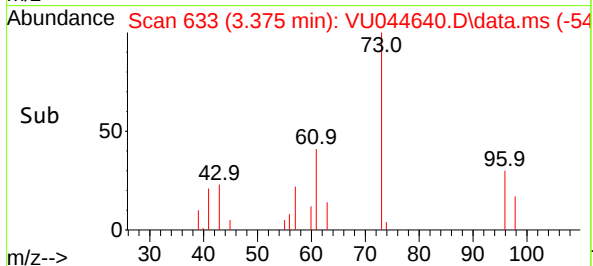
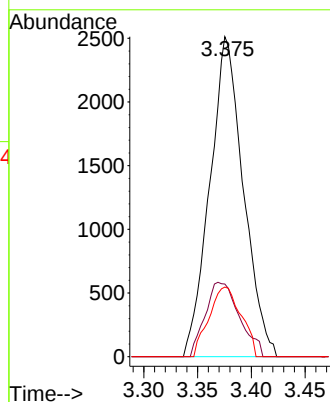
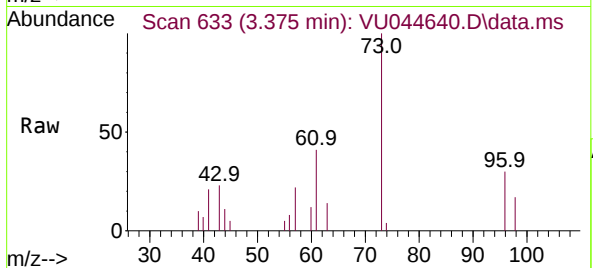
Methyl tert-butyl Ether
 Concen: 0.234 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VU044640.D
 Acq: 15 Sep 2021 13:15

Tgt Ion: 73	Resp:	5446
Ion Ratio	Lower	Upper
73	100	
43	23.8	17.8 26.6
57	20.8	18.6 27.8

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

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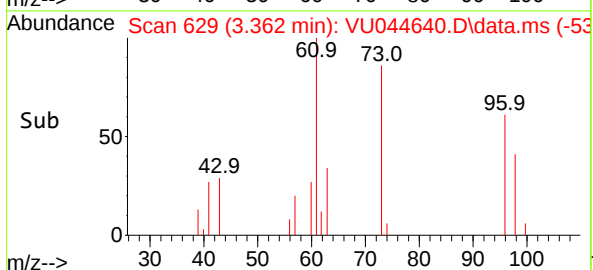
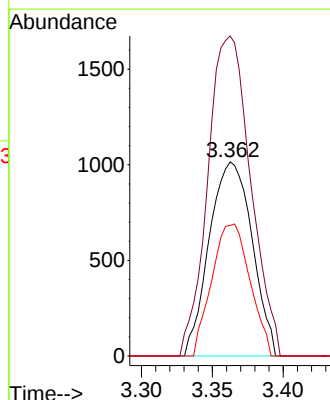
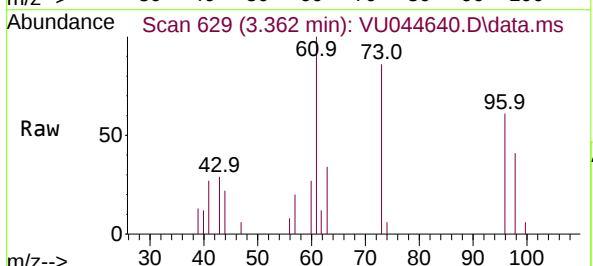
MMDadoda
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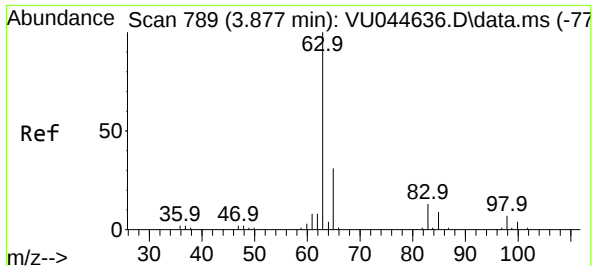


#18

trans-1,2-Dichloroethene
 Concen: 0.239 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: VU044640.D
 Acq: 15 Sep 2021 13:15

Tgt Ion: 96	Resp:	2134
Ion Ratio	Lower	Upper
96	100	
61	164.9	107.2 199.0
98	67.3	42.8 79.6





#19

1,1-Dichloroethane

Concen: 0.242 ug/L

RT: 3.880 min Scan# 790

Delta R.T. 0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion:	63	Resp:	4366
Ion Ratio	Lower	Upper	
63	100		
65	37.6	21.8	40.6
83	15.1	8.8	16.3

Instrument :

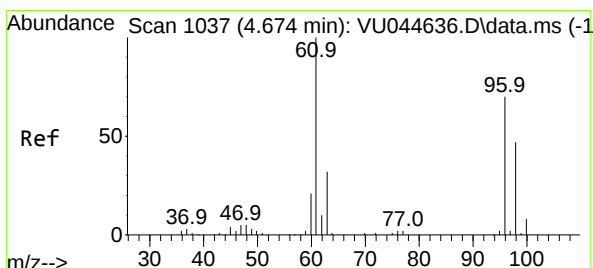
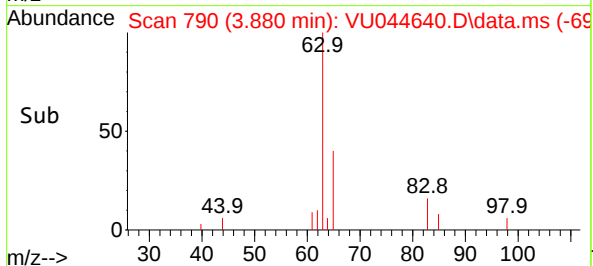
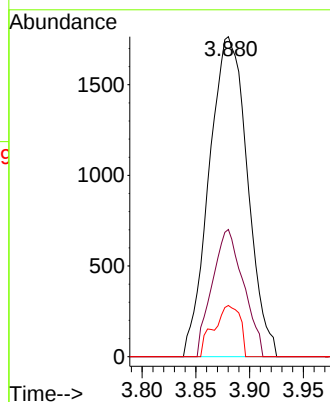
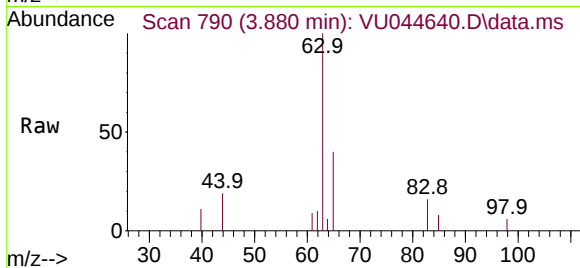
MSVOA_U

ClientSampled :

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#22

cis-1,2-Dichloroethene

Concen: 0.237 ug/L

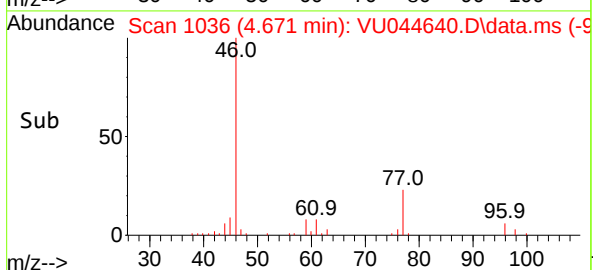
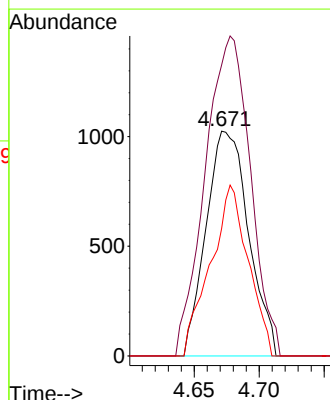
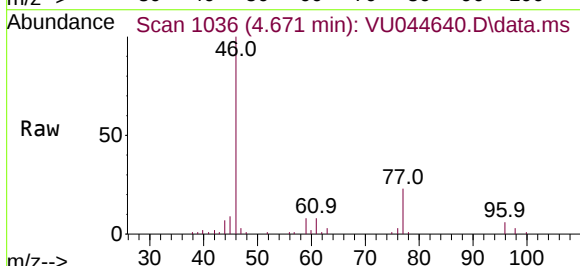
RT: 4.671 min Scan# 1036

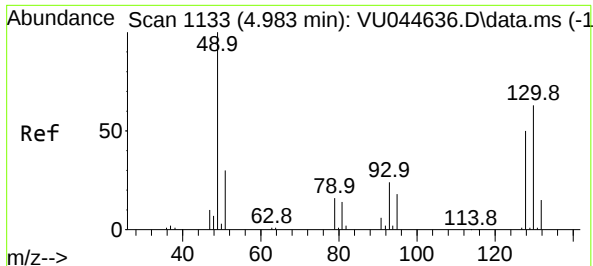
Delta R.T. -0.003 min

Lab File: VU044640.D

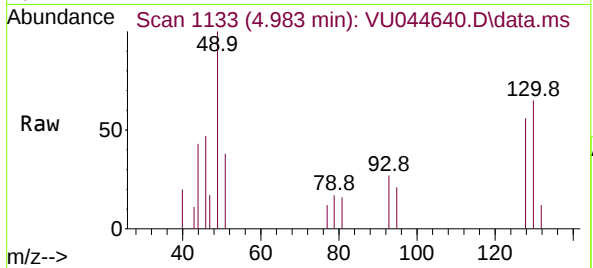
Acq: 15 Sep 2021 13:15

Tgt Ion:	96	Resp:	2334
Ion Ratio	Lower	Upper	
96	100		
61	129.5	96.9	179.9
98	56.7	43.5	80.7

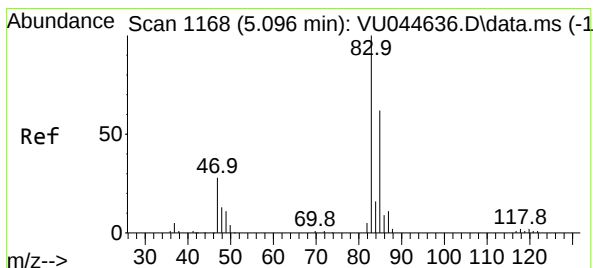
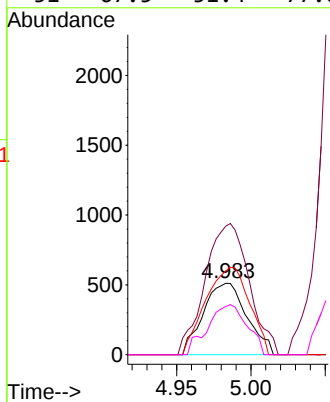
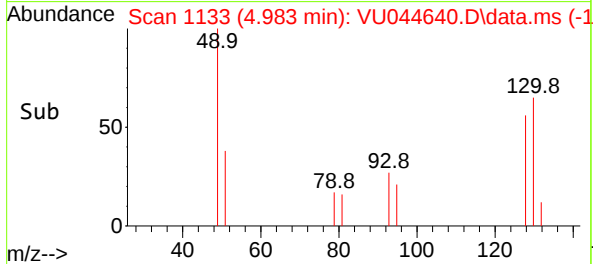




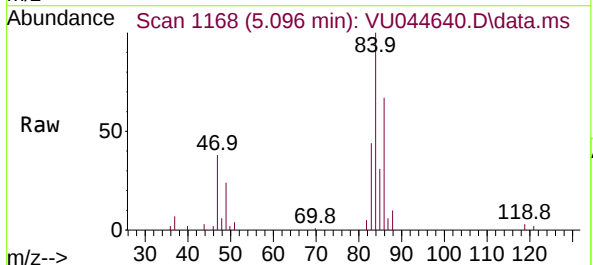
#23
Bromochloromethane
Concen: 0.251 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



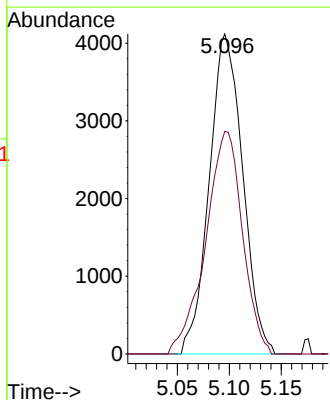
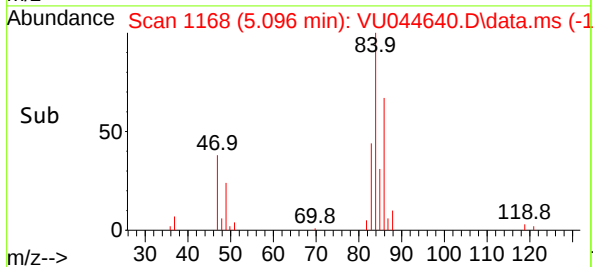
Tgt Ion:128 Resp: 1046
Ion Ratio Lower Upper
128 100
49 180.0 141.4 262.6
130 117.2 94.3 175.1
51 67.5 51.4 77.0



#25
Chloroform
Concen: 0.479 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



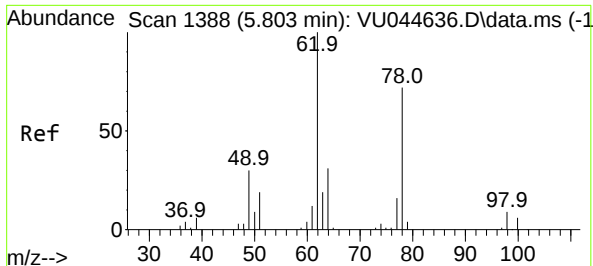
Tgt Ion: 83 Resp: 9221
Ion Ratio Lower Upper
83 100
85 69.6 44.2 82.0



Instrument :
MSVOA_U
ClientSampleId :
MDL03

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#27

1,2-Dichloroethane

Concen: 0.251 ug/L

RT: 5.806 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion: 62 Resp: 3168

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#

Instrument :

MSVOA_U

ClientSampled :

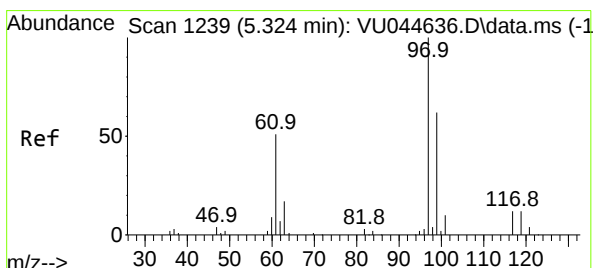
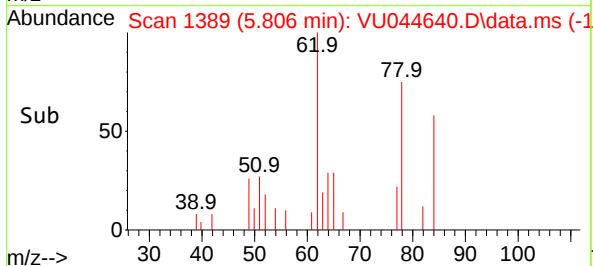
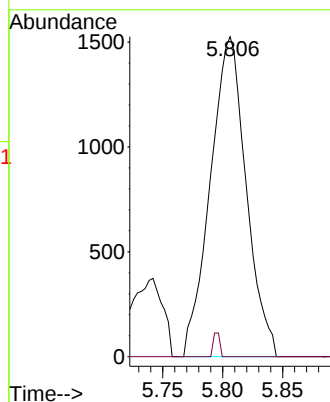
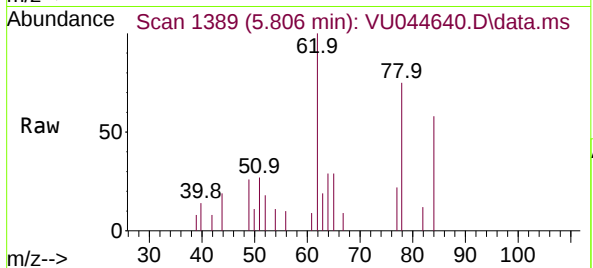
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#29

1,1,1-Trichloroethane

Concen: 0.235 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

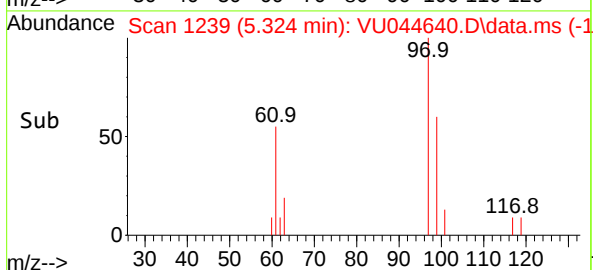
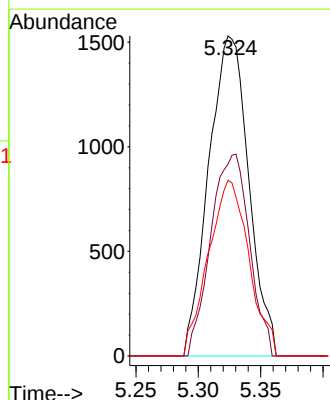
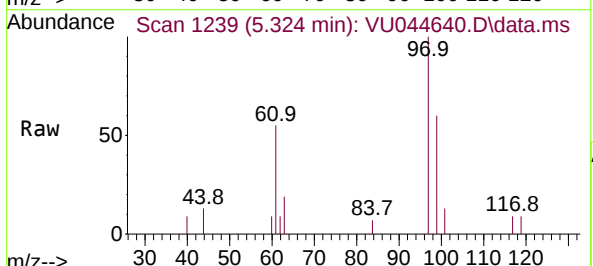
Tgt Ion: 97 Resp: 3416

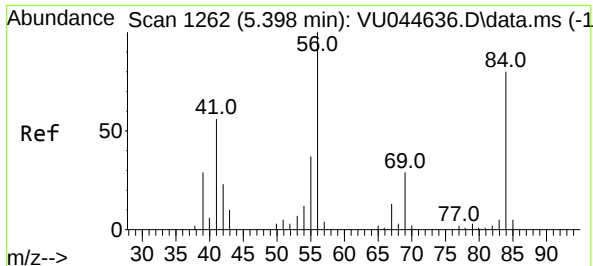
Ion Ratio Lower Upper

97 100

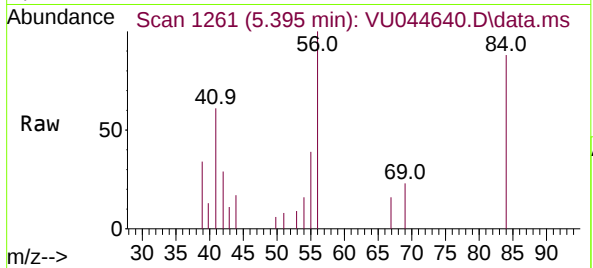
99 61.0 50.7 76.1

61 55.6 40.6 60.8

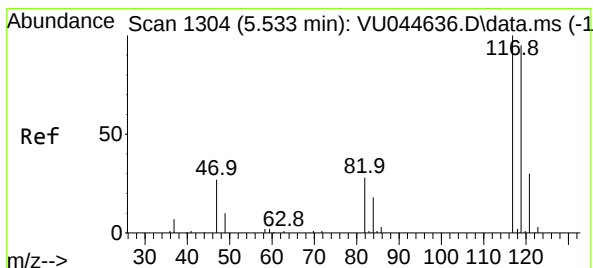
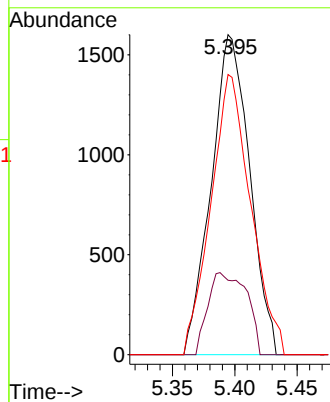
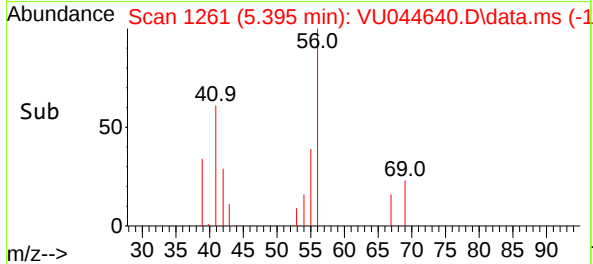




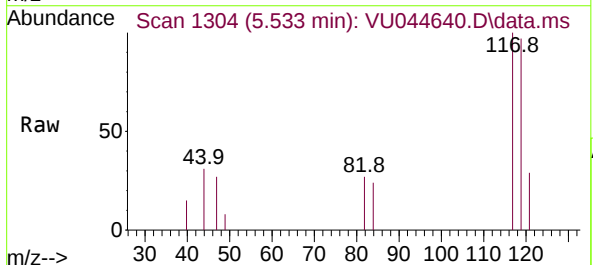
#30
Cyclohexane
Concen: 0.206 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



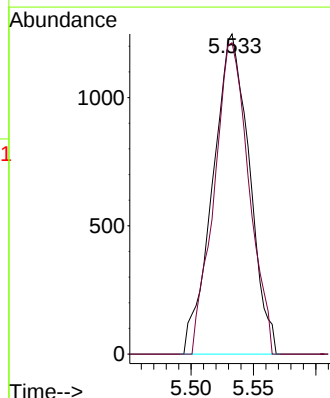
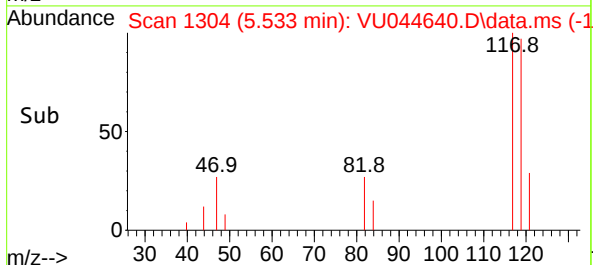
Tgt Ion: 56 Resp: 3437
Ion Ratio Lower Upper
56 100
69 25.7 23.4 35.2
84 90.4 65.5 98.3



#31
Carbon tetrachloride
Concen: 0.224 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



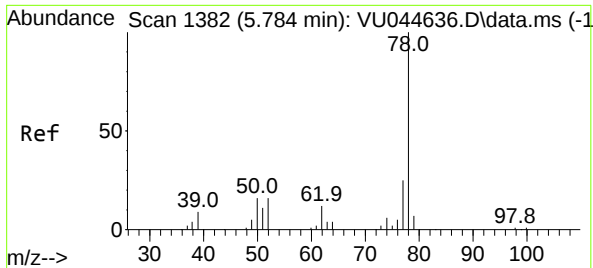
Tgt Ion: 117 Resp: 2553
Ion Ratio Lower Upper
117 100
119 92.2 76.4 114.6



Instrument :
MSVOA_U
ClientSampled :
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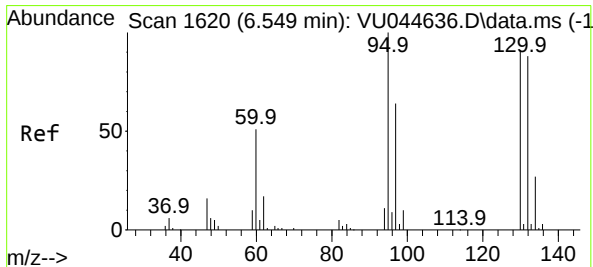
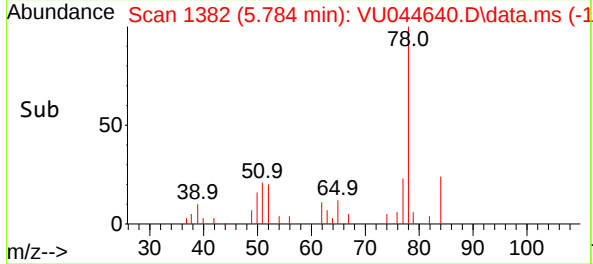
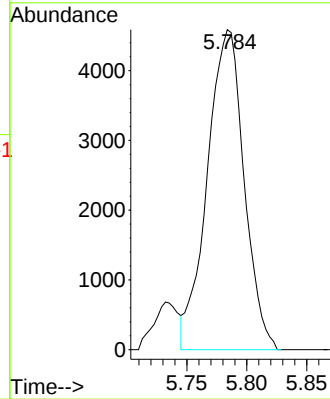
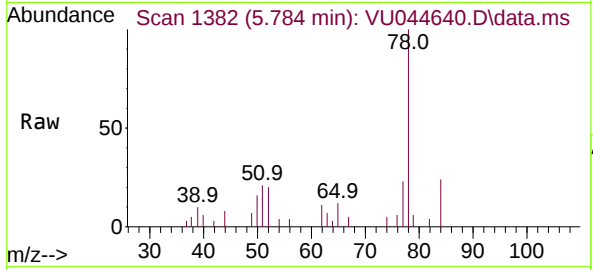
#33
Benzene
Concen: 0.247 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion: 78 Resp: 9773

Instrument :
MSVOA_U
ClientSampled :
MDL03

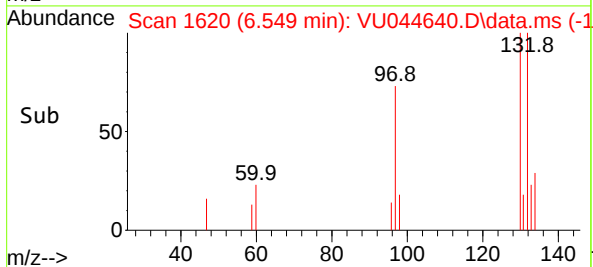
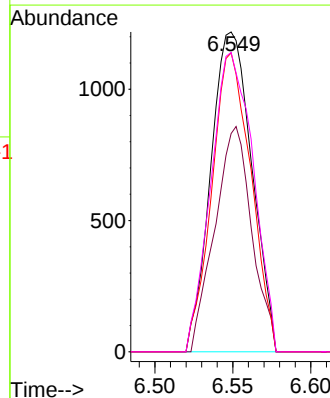
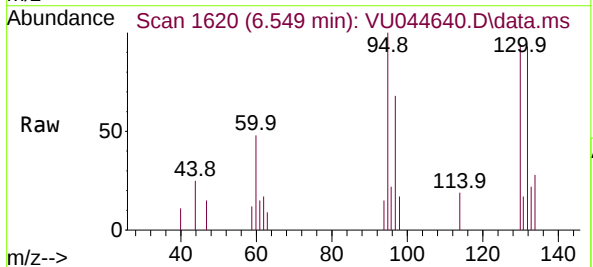
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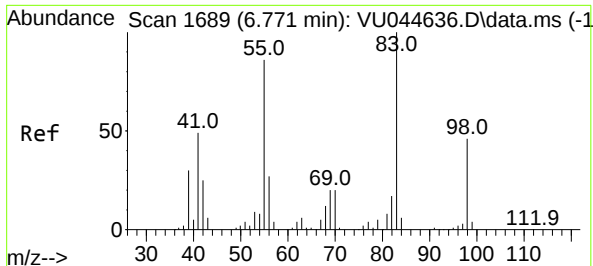
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#34
Trichloroethene
Concen: 0.228 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion: 95 Resp: 2234
Ion Ratio Lower Upper
95 100
97 56.1 44.7 82.9
132 76.8 60.3 111.9
130 76.9 63.7 118.3





#35

Methylcyclohexane

Concen: 0.225 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion:	83	Resp:	3628
Ion	Ratio	Lower	Upper
83	100		
55	80.2	68.3	102.5
98	43.7	37.3	55.9

Instrument :

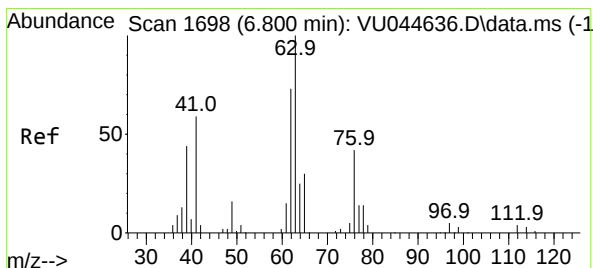
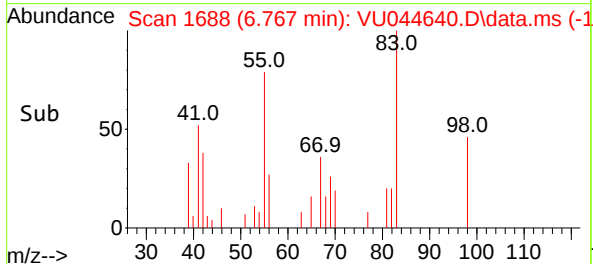
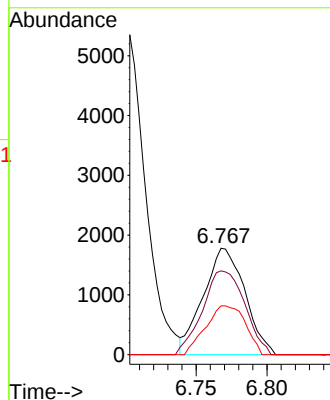
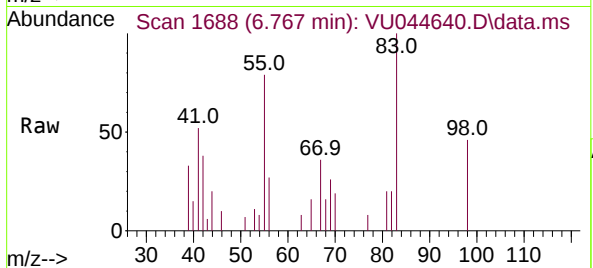
MSVOA_U

ClientSampleId :

MDL03

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#37

1,2-Dichloropropane

Concen: 0.260 ug/L

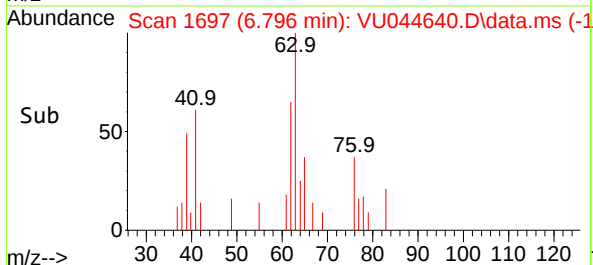
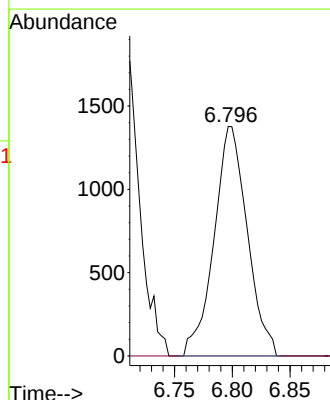
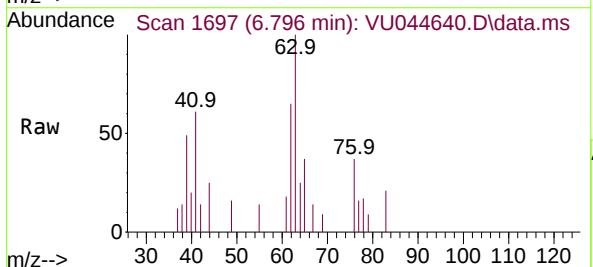
RT: 6.796 min Scan# 1697

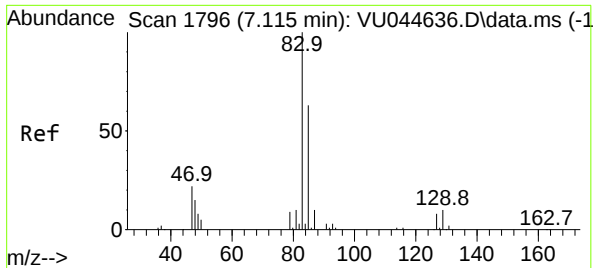
Delta R.T. -0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

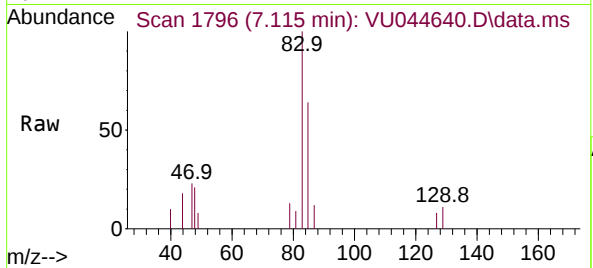
Tgt Ion:	63	Resp:	2761
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#38
Bromodichloromethane
Concen: 0.237 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

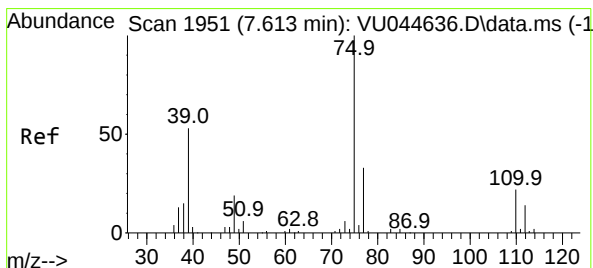
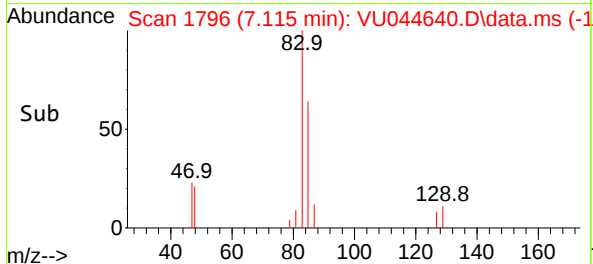
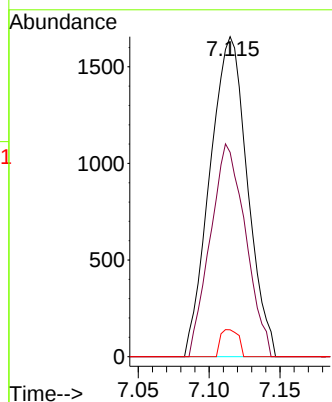
Instrument :
MSVOA_U
ClientSampleId :
MDL03



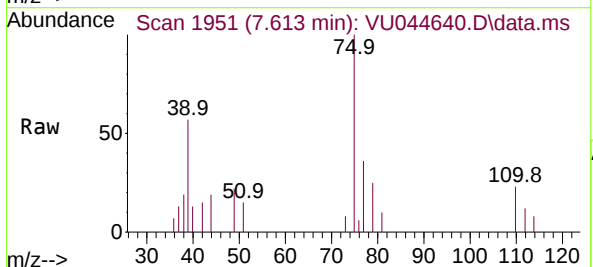
Tgt Ion: 83 Resp: 3049
Ion Ratio Lower Upper
83 100
85 63.8 46.3 86.1
127 8.4 6.0 9.0

Manual Integrations
APPROVED

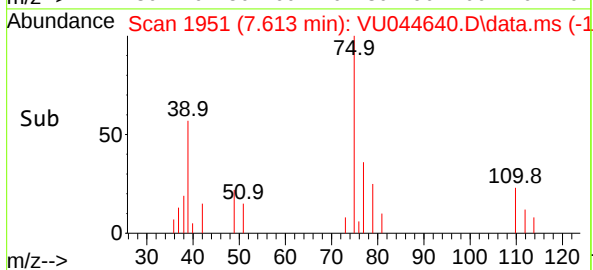
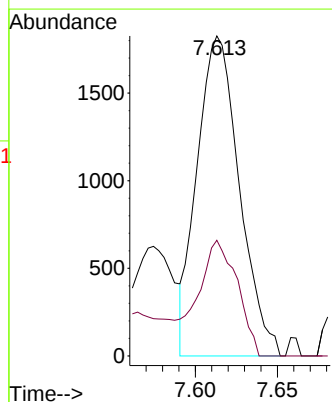
MMDadoda
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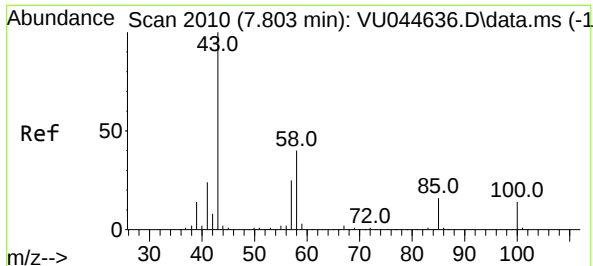


#39
cis-1,3-Dichloropropene
Concen: 0.217 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



Tgt Ion: 75 Resp: 3269
Ion Ratio Lower Upper
75 100
77 36.1 21.5 39.9





#40

4-Methyl-2-pentanone

Concen: 2.069 ug/L

RT: 7.803 min Scan# 2010

Delta R.T. -0.000 min

Lab File: VU044640.D

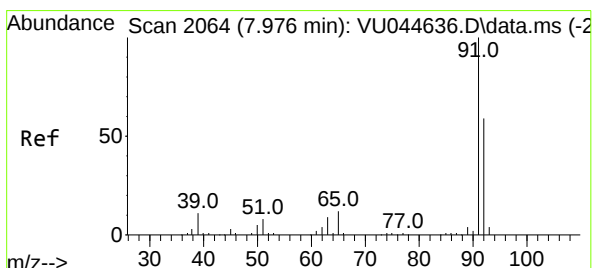
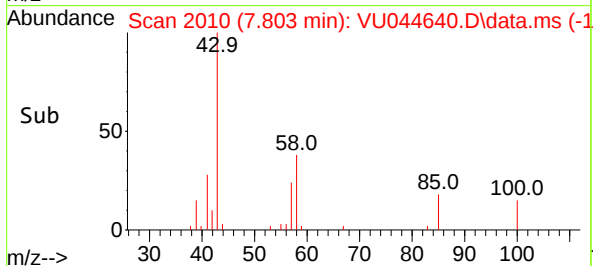
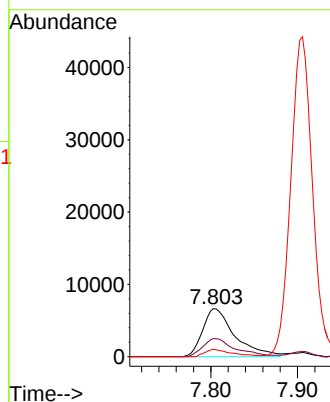
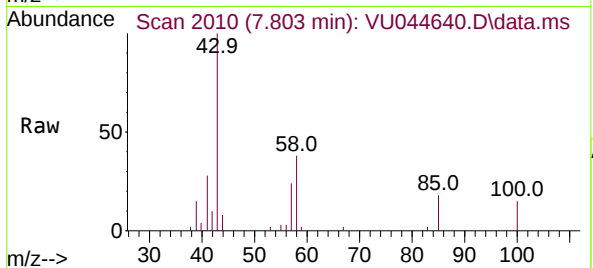
Acq: 15 Sep 2021 13:15

Tgt Ion:	43	Resp:	17099
Ion	Ratio	Lower	Upper
43	100		
58	37.9	31.2	46.8
100	0.0	11.4	17.0#

Instrument :
MSVOA_U
ClientSampled :
MDL03

Manual Integrations
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#42

Toluene

Concen: 0.267 ug/L

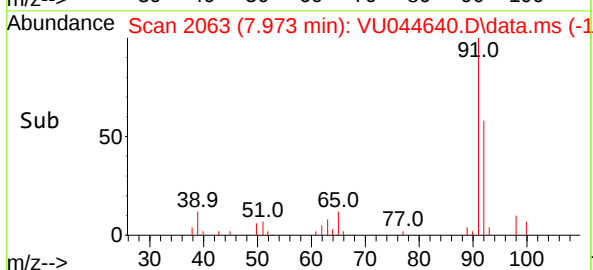
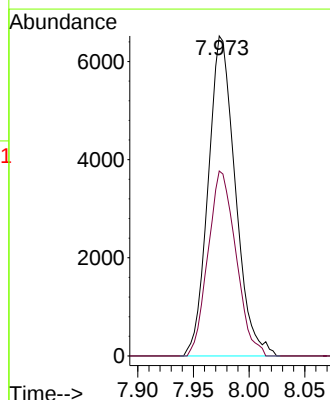
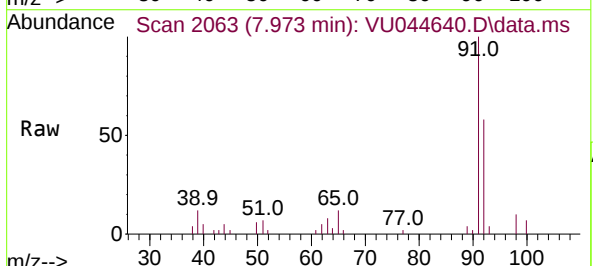
RT: 7.973 min Scan# 2063

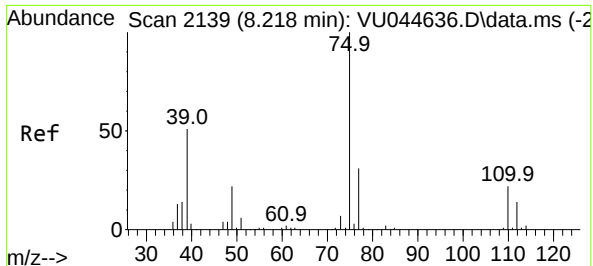
Delta R.T. -0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

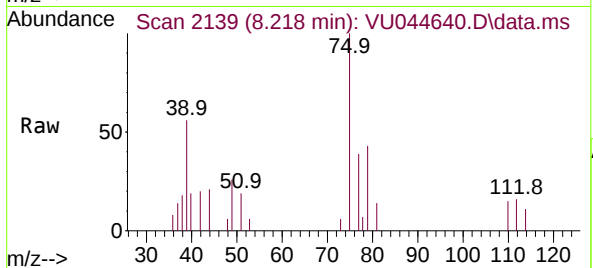
Tgt Ion:	91	Resp:	11057
Ion	Ratio	Lower	Upper
91	100		
92	57.8	41.1	76.3





#44
trans-1,3-Dichloropropene
Concen: 0.238 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

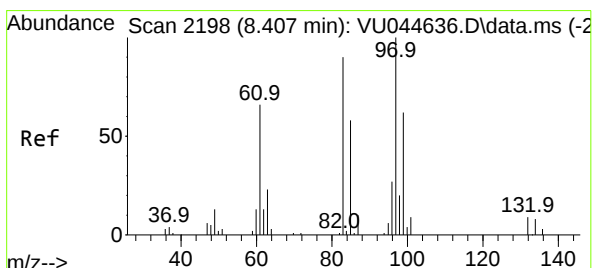
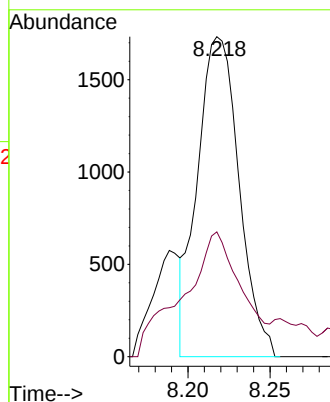
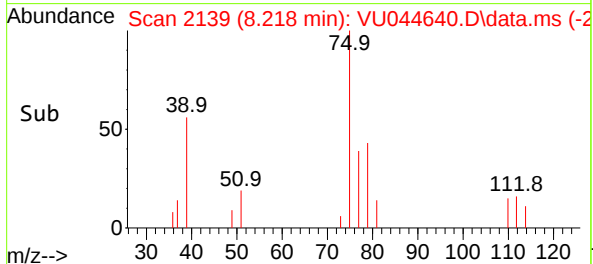
Instrument :
MSVOA_U
ClientSampled :
MDL03



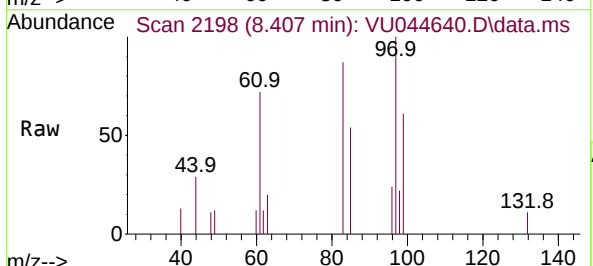
Tgt Ion: 75 Resp: 3054
Ion Ratio Lower Upper
75 100
77 39.0 22.0 41.0

Manual Integrations
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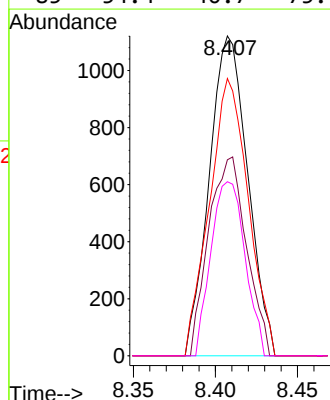
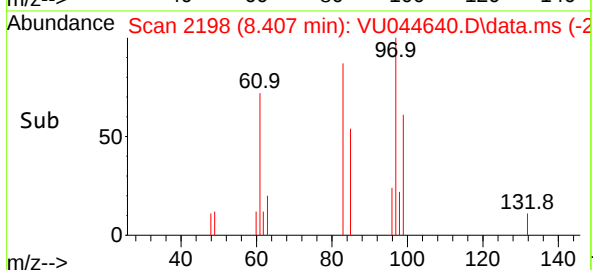
MMDadoda
9/16/2021 12:12:26 PM

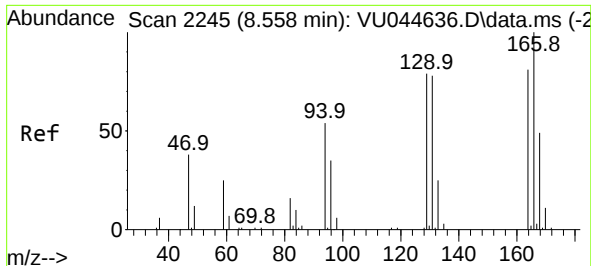


#45
1,1,2-Trichloroethane
Concen: 0.242 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



Tgt Ion: 97 Resp: 1827
Ion Ratio Lower Upper
97 100
99 61.3 44.8 83.2
83 86.7 63.6 118.0
85 54.4 40.7 75.7





#47

Tetrachloroethene

Concen: 0.220 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion:164 Resp: 1498

Ion Ratio Lower Upper

164 100

129 100.2 67.0 124.4

131 87.2 65.2 121.0

166 139.4 87.6 162.8

Instrument :

MSVOA_U

ClientSampled :

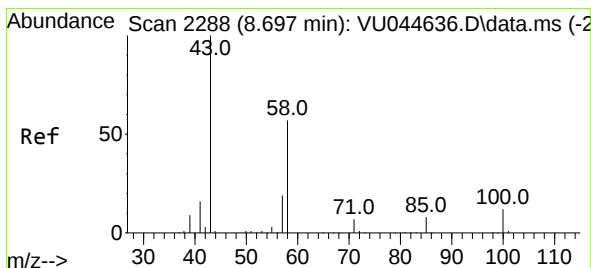
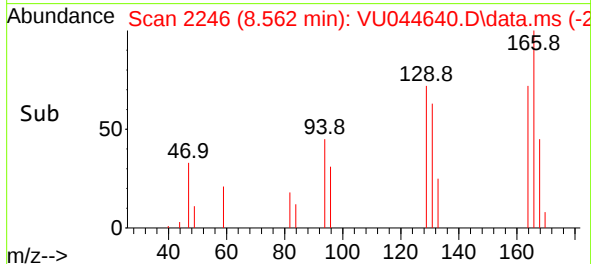
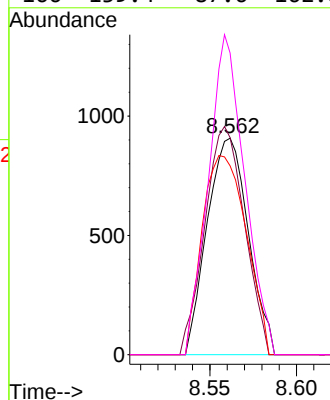
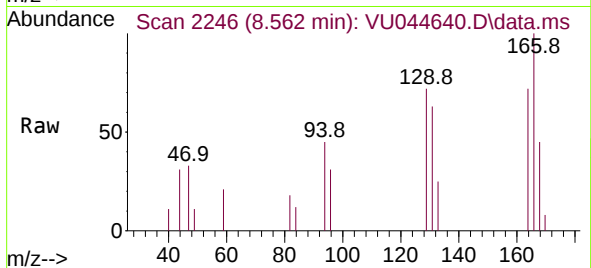
MDL03

Manual Integrations

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#48

2-Hexanone

Concen: 3.110 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion: 43 Resp: 19125

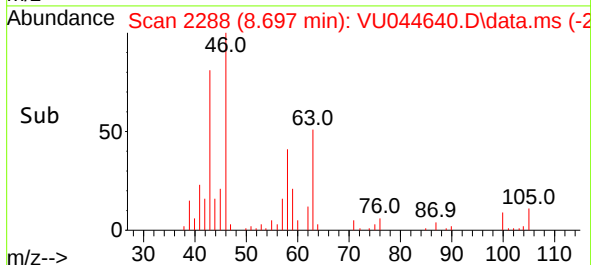
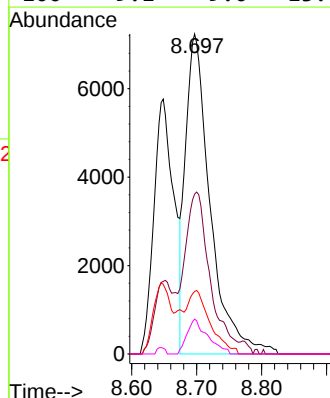
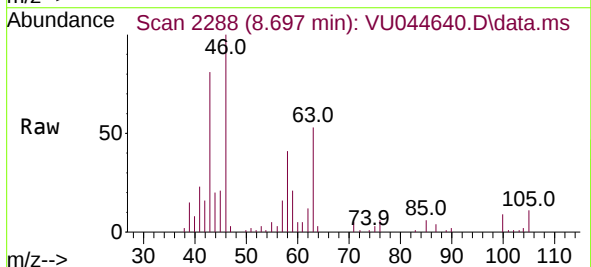
Ion Ratio Lower Upper

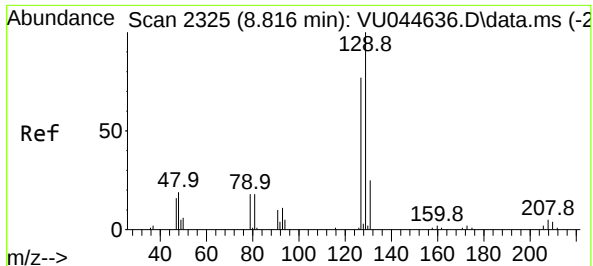
43 100

58 45.7 44.6 66.8

57 18.1 14.8 22.2

100 9.1 9.0 13.4





#49

Dibromochloromethane

Concen: 0.212 ug/L

RT: 8.819 min Scan# 2326

Delta R.T. 0.003 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

Tgt Ion:129 Resp: 1685

Ion Ratio Lower Upper

129 100

127 85.4 53.3 99.1

Instrument :

MSVOA_U

ClientSampled :

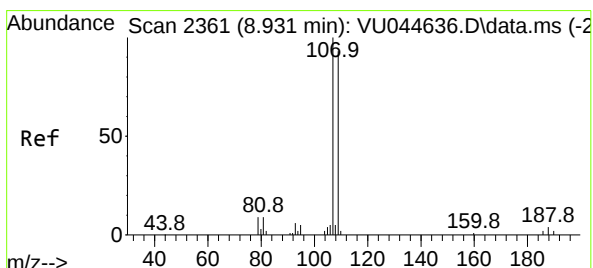
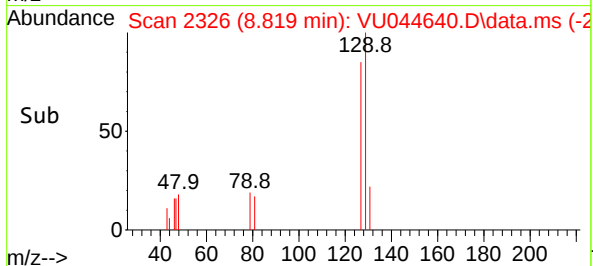
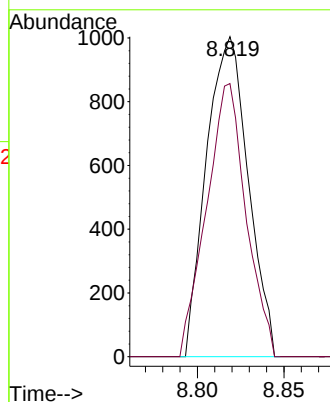
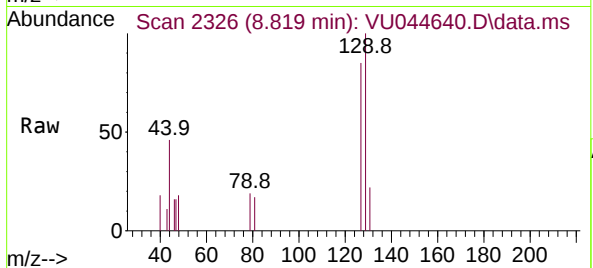
MDL03

Manual Integrations

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#50

1,2-Dibromoethane

Concen: 0.226 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU044640.D

Acq: 15 Sep 2021 13:15

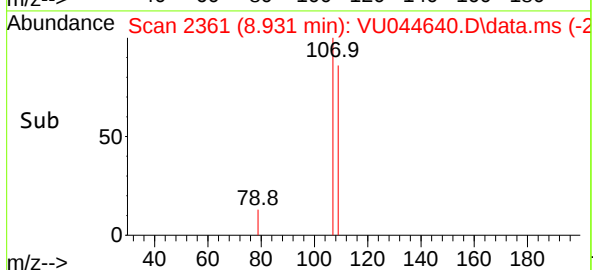
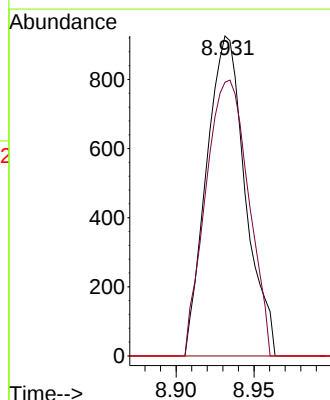
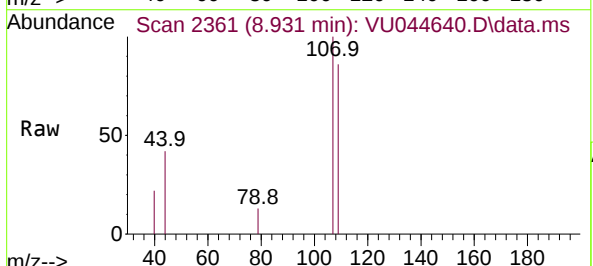
Tgt Ion:107 Resp: 1607

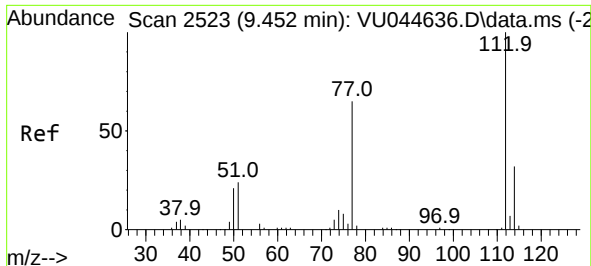
Ion Ratio Lower Upper

107 100

109 85.5 65.5 121.7

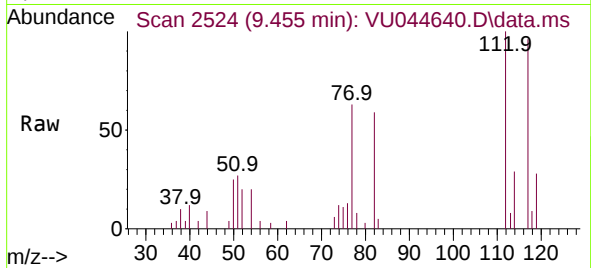
188 0.0 3.0 4.4#





#51
Chlorobenzene
Concen: 0.244 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

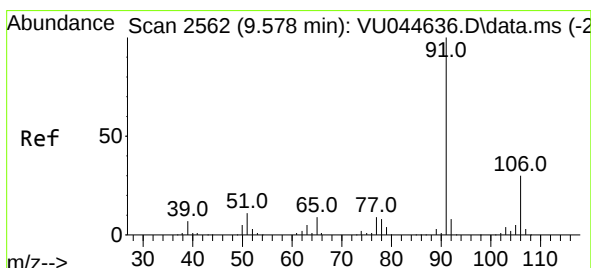
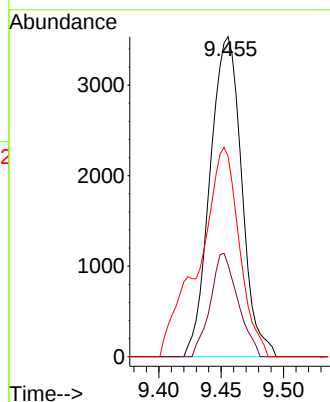
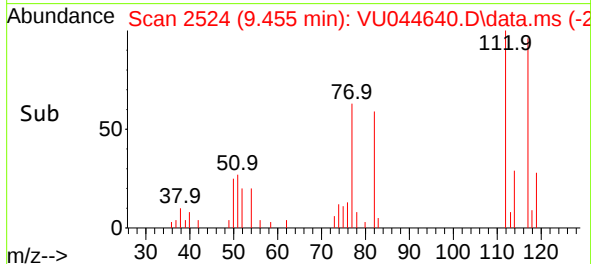
Instrument :
MSVOA_U
ClientSampleId :
MDL03



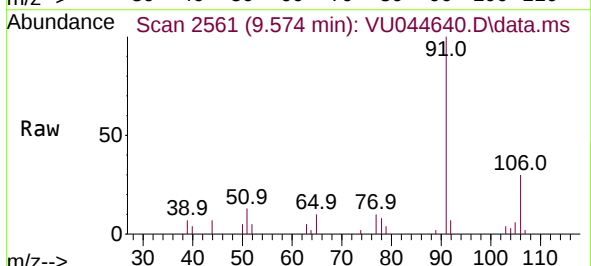
Tgt Ion:112 Resp: 6251
Ion Ratio Lower Upper
112 100
114 28.7 22.8 42.4
77 62.7 51.4 77.0

Manual Integrations
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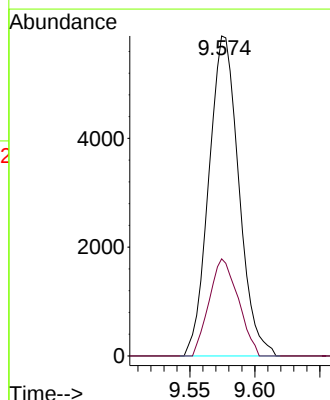
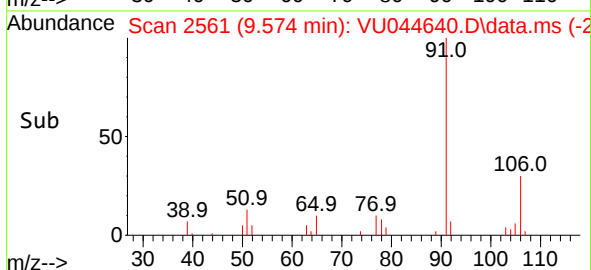
MMDadoda
9/16/2021 12:12:26 PM

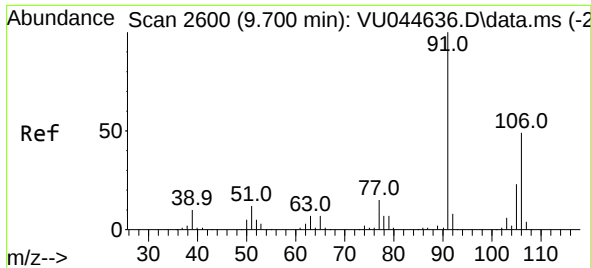


#52
Ethylbenzene
Concen: 0.211 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



Tgt Ion: 91 Resp: 9442
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.1





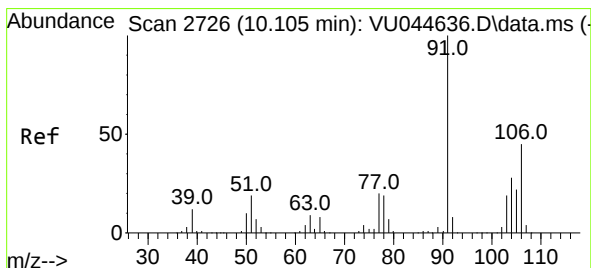
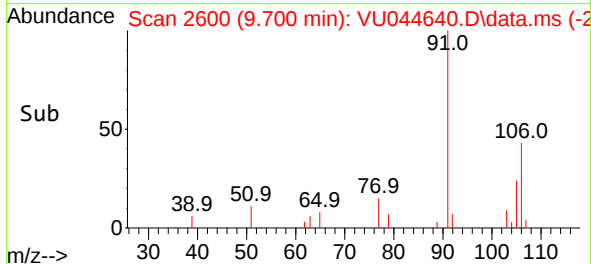
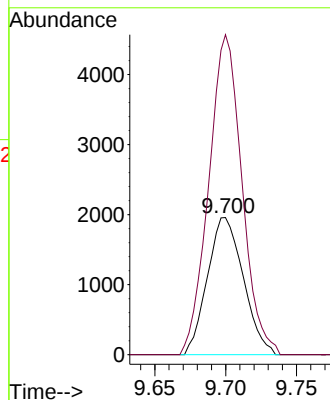
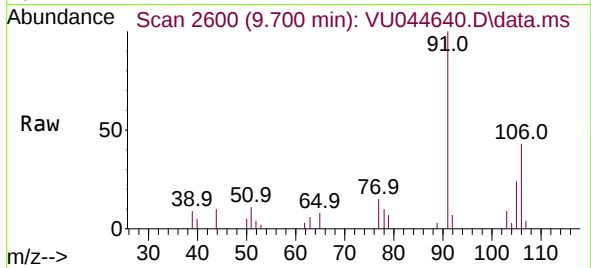
#53
m,p-Xylene
Concen: 0.203 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion:106 Resp: 3453
Ion Ratio Lower Upper
106 100
91 233.2 144.6 268.6

Instrument :
MSVOA_U
ClientSampled :
MDL03

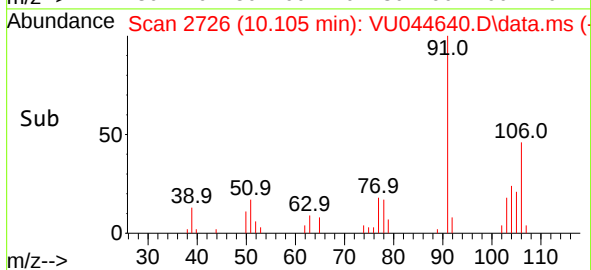
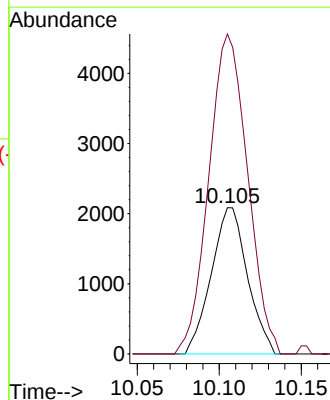
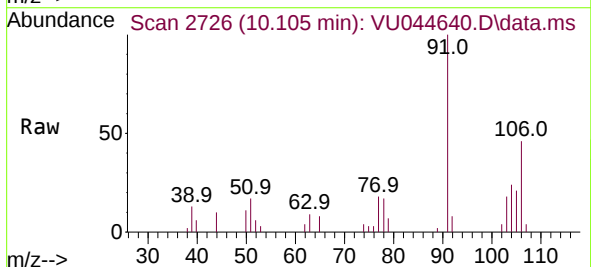
Manual Integrations
APPROVED

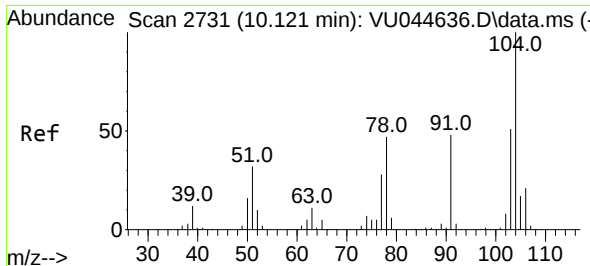
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#54
o-Xylene
Concen: 0.196 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

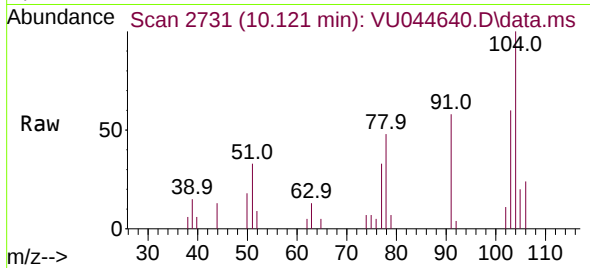
Tgt Ion:106 Resp: 3194
Ion Ratio Lower Upper
106 100
91 218.8 156.2 290.0





#55
Styrene
Concen: 0.191 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

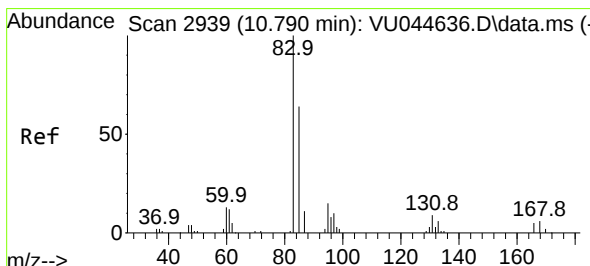
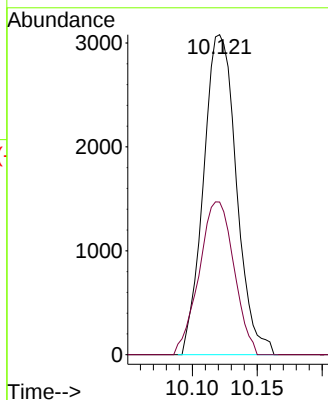
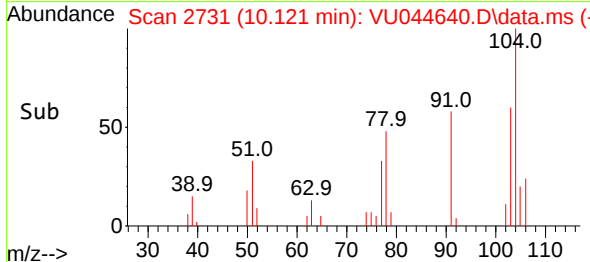
Instrument :
MSVOA_U
ClientSampled :
MDL03



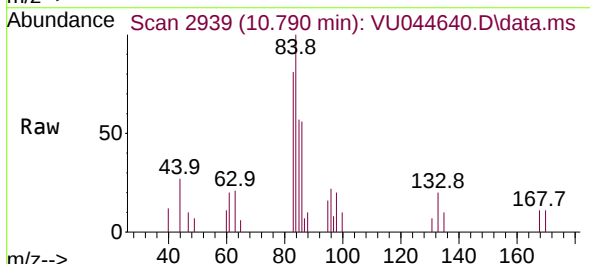
Tgt Ion:104 Resp: 5436
Ion Ratio Lower Upper
104 100
78 47.7 33.6 62.4

Manual Integrations
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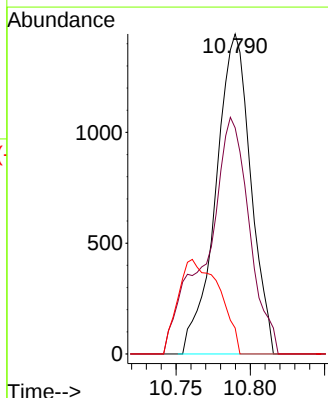
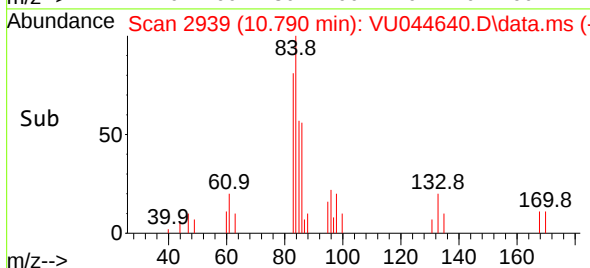
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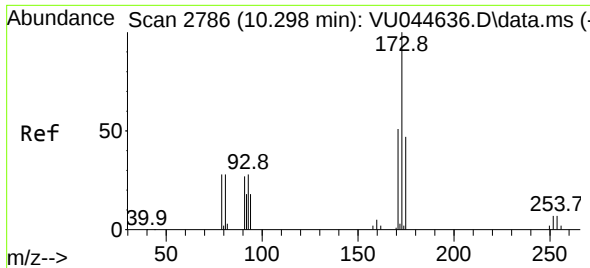


#57
1,1,2,2-Tetrachloroethane
Concen: 0.233 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



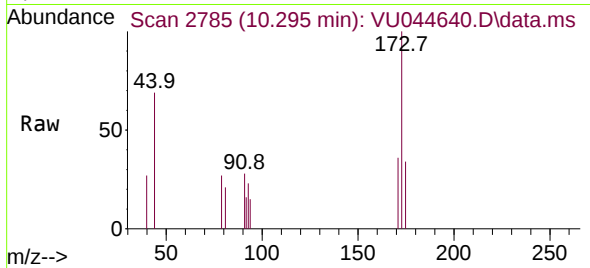
Tgt Ion: 83 Resp: 2359
Ion Ratio Lower Upper
83 100
85 70.6 44.5 82.7
131 8.1 6.6 10.0





#59
Bromoform
Concen: 0.247 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

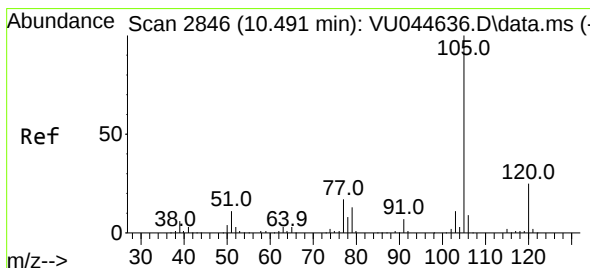
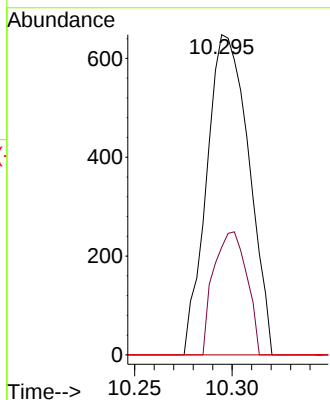
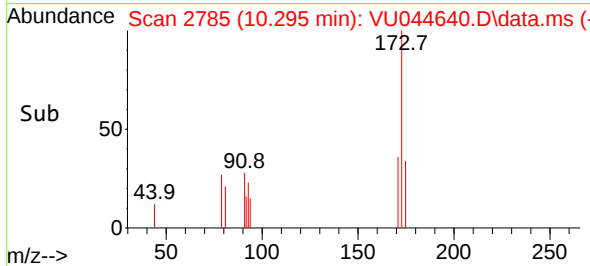
Instrument :
MSVOA_U
ClientSampleId :
MDL03



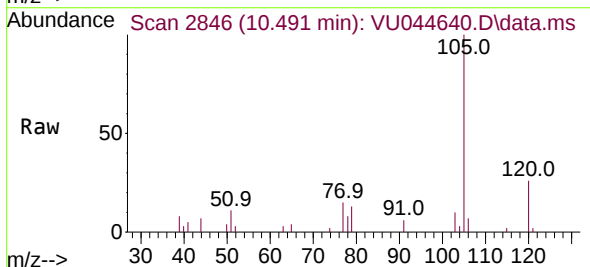
Tgt Ion:173 Resp: 973
Ion Ratio Lower Upper
173 100
175 30.1 38.8 58.2#
254 0.0 4.9 7.3#

Manual Integrations
APPROVED

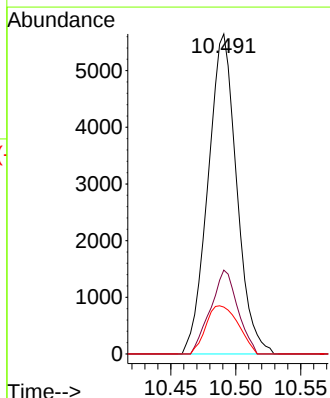
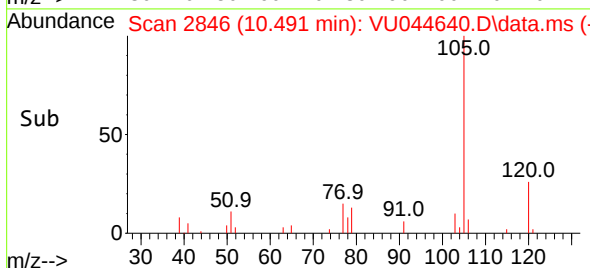
MMDadoda
9/16/2021 12:12:26 PM

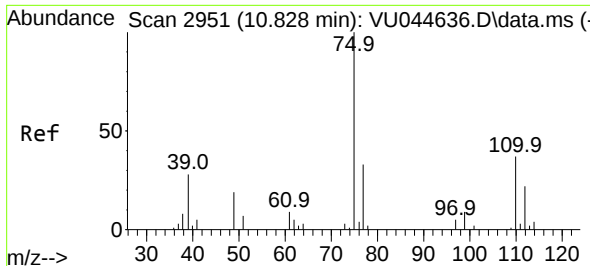


#60
Isopropylbenzene
Concen: 0.218 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



Tgt Ion:105 Resp: 8650
Ion Ratio Lower Upper
105 100
120 24.9 20.2 30.2
77 17.0 13.6 20.4





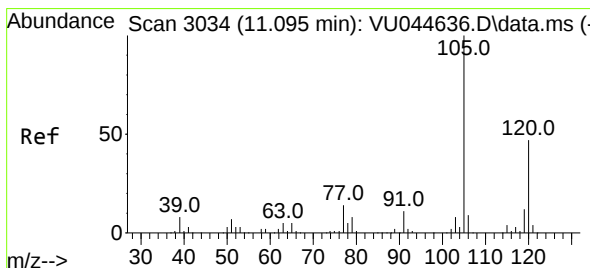
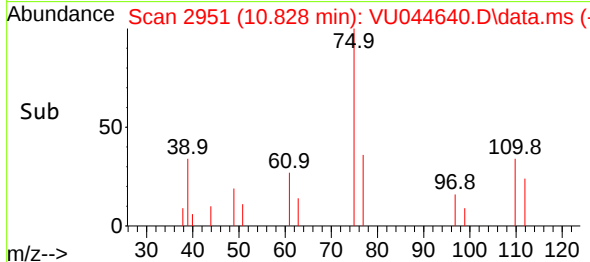
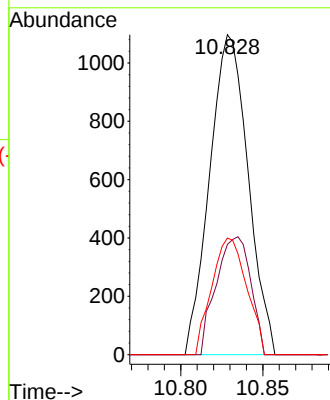
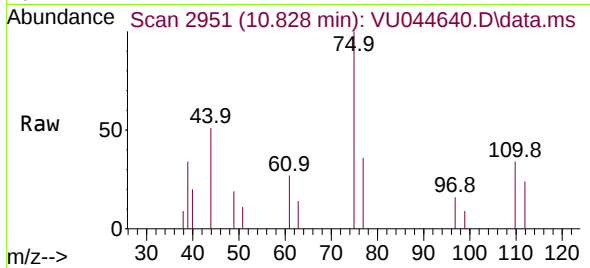
#61
1,2,3-Trichloropropane
Concen: 0.254 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion:	75	Resp:	1779
Ion	Ratio	Lower	Upper
75	100		
110	33.2	28.8	43.2
77	33.2	25.9	38.9

Instrument :
MSVOA_U
ClientSampleId :
MDL03

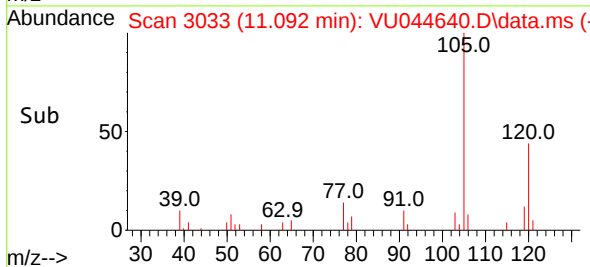
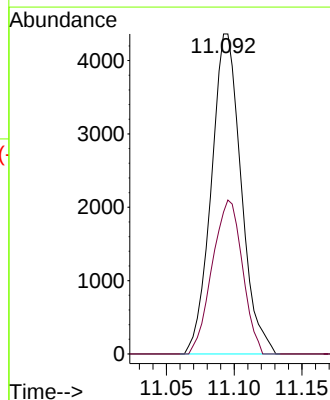
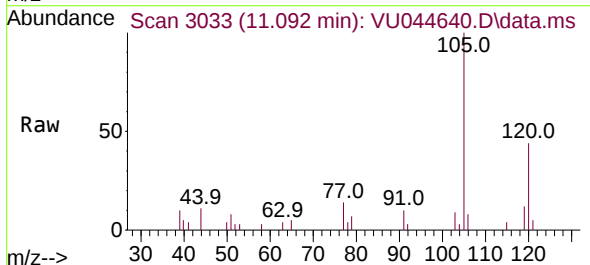
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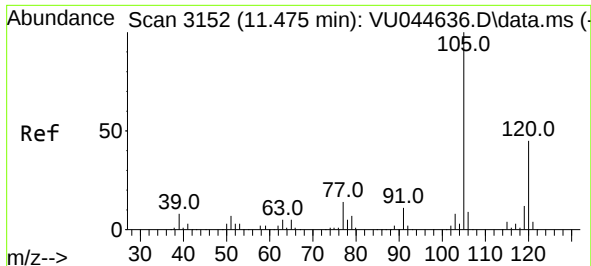
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#62
1,3,5-Trimethylbenzene
Concen: 0.202 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion:	105	Resp:	6675
Ion	Ratio	Lower	Upper
105	100		
120	48.5	38.2	57.2





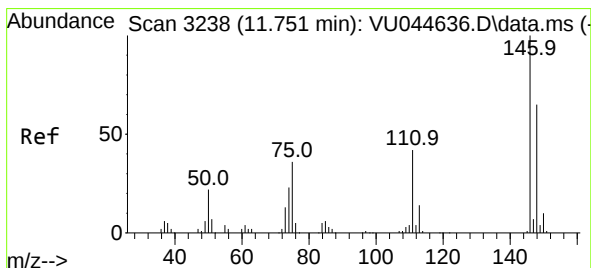
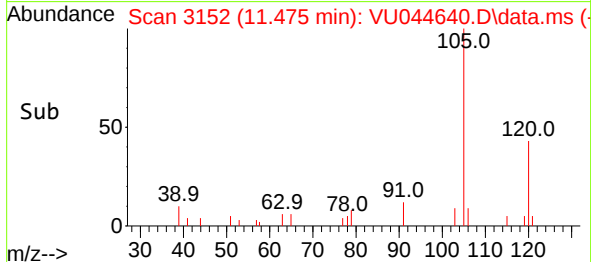
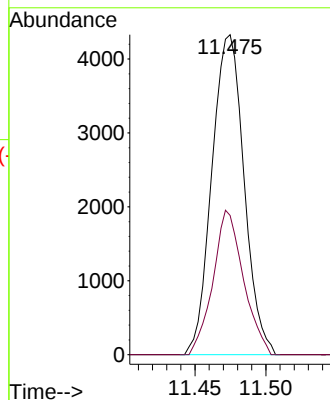
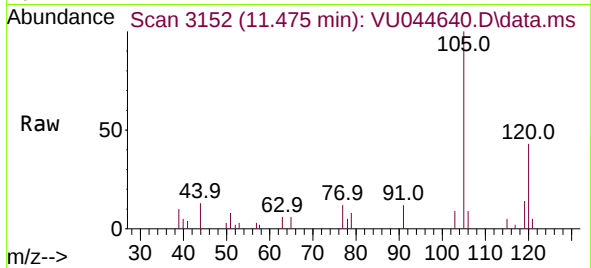
#63
1,2,4-Trimethylbenzene
Concen: 0.202 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion:105 Resp: 6840
Ion Ratio Lower Upper
105 100
120 42.6 35.4 53.2

Instrument :
MSVOA_U
ClientSampled :
MDL03

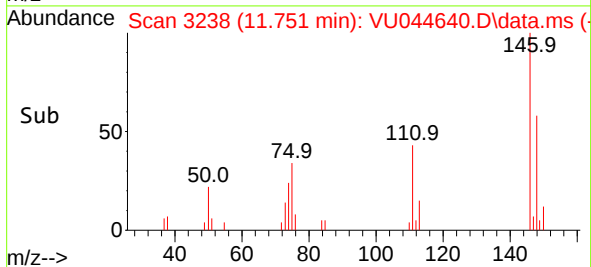
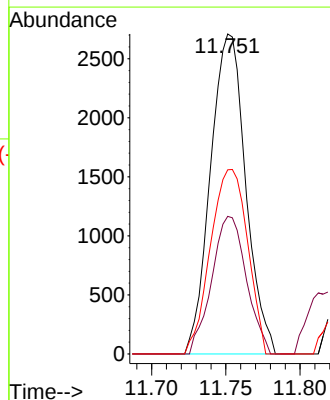
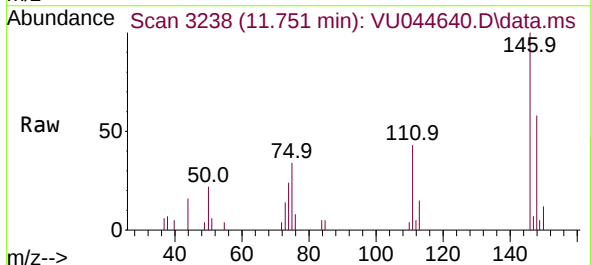
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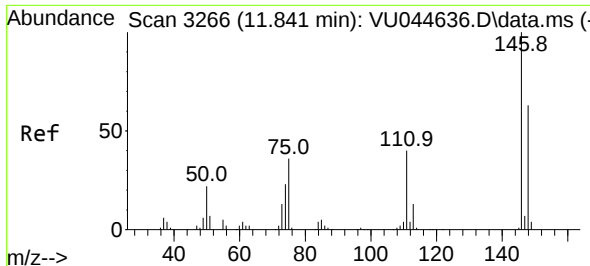
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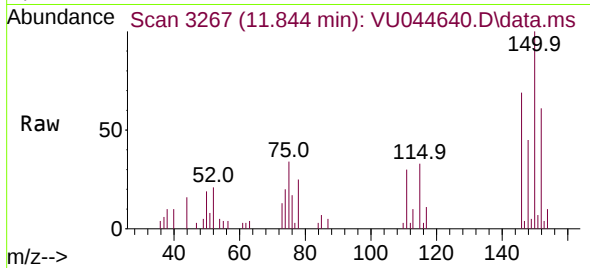
#64
1,3-Dichlorobenzene
Concen: 0.241 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

Tgt Ion:146 Resp: 4469
Ion Ratio Lower Upper
146 100
111 43.0 29.8 55.4
148 57.6 45.2 84.0





#65
1,4-Dichlorobenzene
Concen: 0.241 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

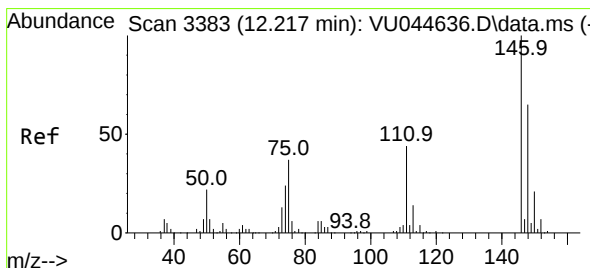
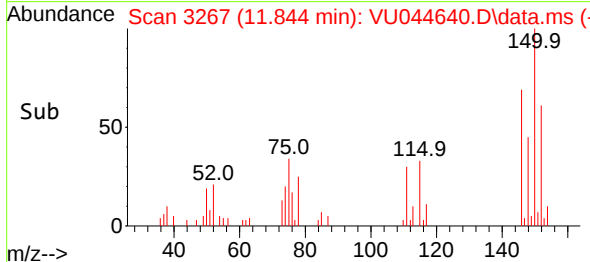
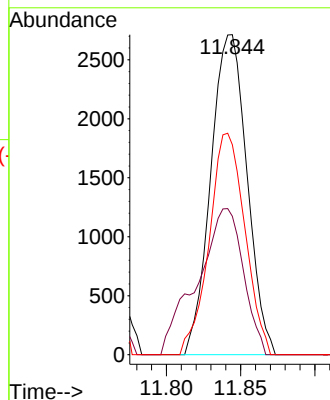


Tgt Ion:146 Resp: 4601
Ion Ratio Lower Upper
146 100
111 43.2 28.7 53.3
148 65.6 45.4 84.4

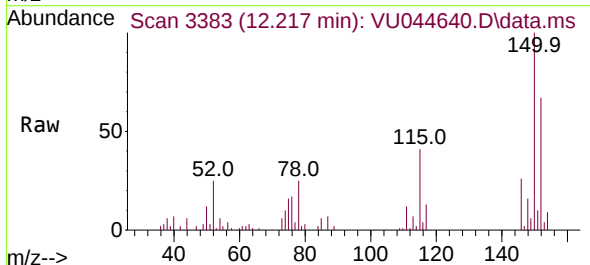
Instrument :
MSVOA_U
ClientSampled :
MDL03

Manual Integrations
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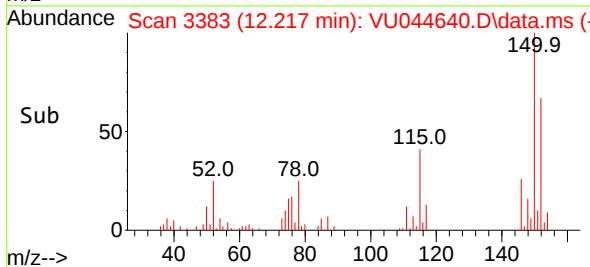
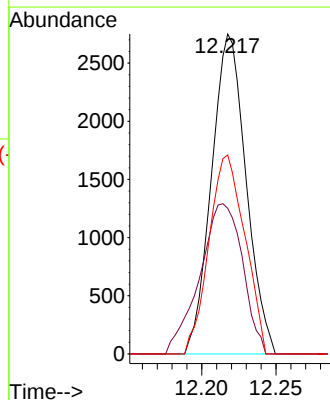
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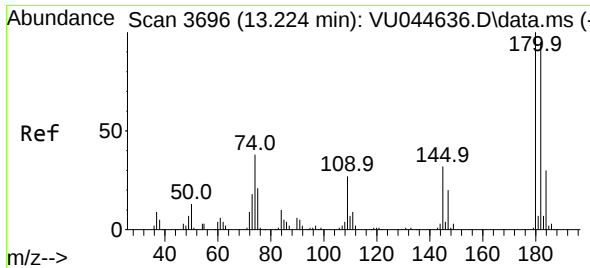


#67
1,2-Dichlorobenzene
Concen: 0.253 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



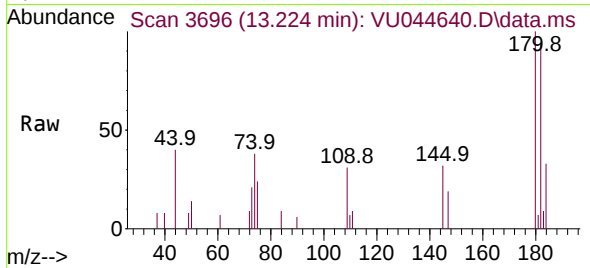
Tgt Ion:146 Resp: 4452
Ion Ratio Lower Upper
146 100
111 45.5 34.6 51.8
148 62.2 51.3 76.9





#69
1,3,5-Trichlorobenzene
Concen: 0.219 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

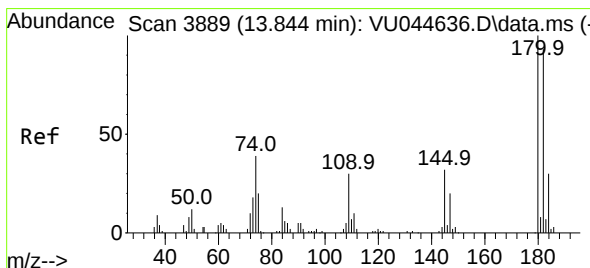
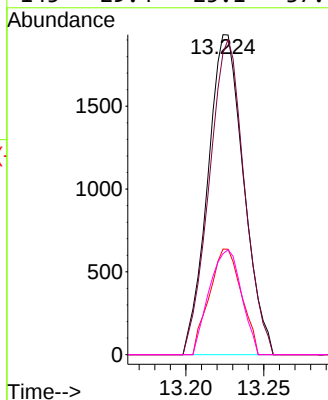
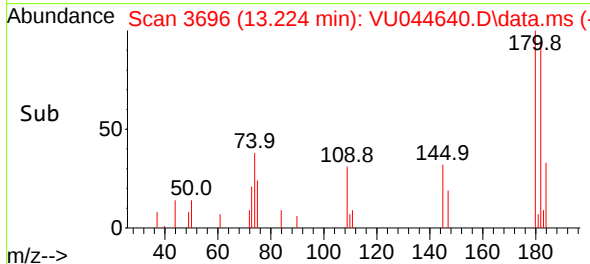
Instrument :
MSVOA_U
ClientSampleId :
MDL03



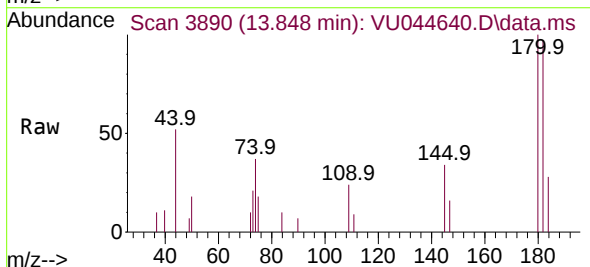
Tgt Ion:	180	Resp:	3089
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.9	115.3
184	29.4	24.1	36.1
145	29.4	25.1	37.7

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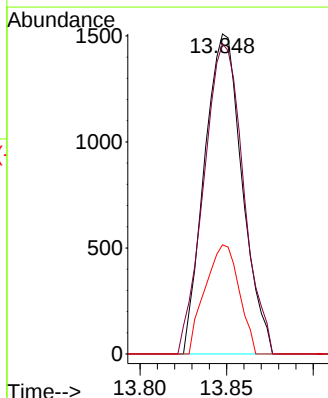
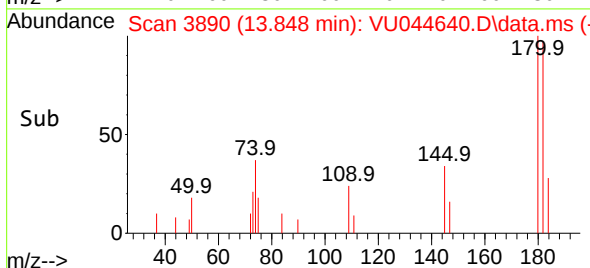
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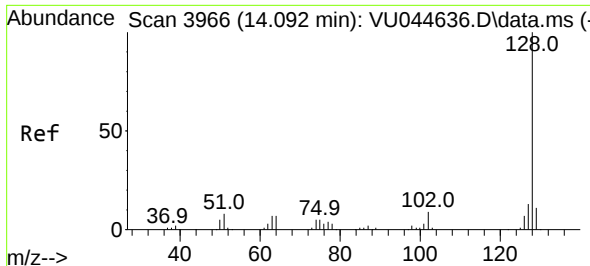


#70
1,2,4-trichlorobenzene
Concen: 0.193 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



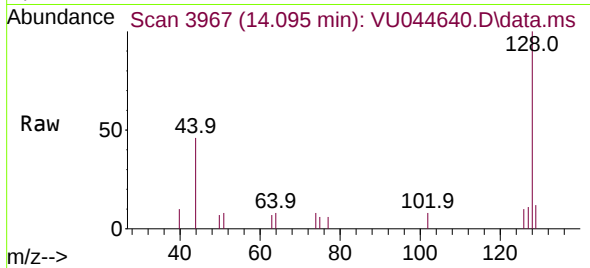
Tgt Ion:	180	Resp:	2289
Ion Ratio	Lower	Upper	
180	100		
182	101.2	75.4	113.0
145	30.6	25.2	37.8





#71
Naphthalene
Concen: 0.148 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15

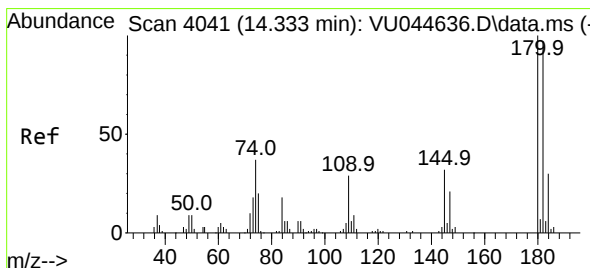
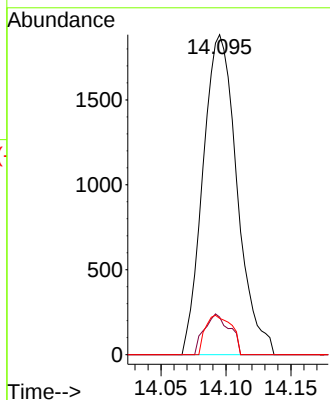
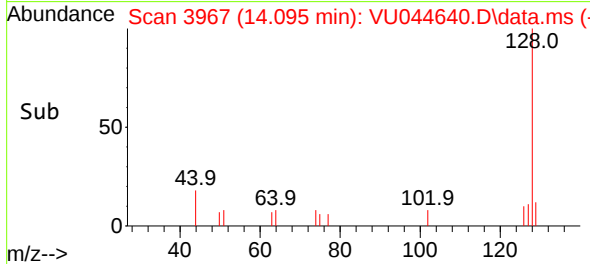
Instrument :
MSVOA_U
ClientSampled :
MDL03



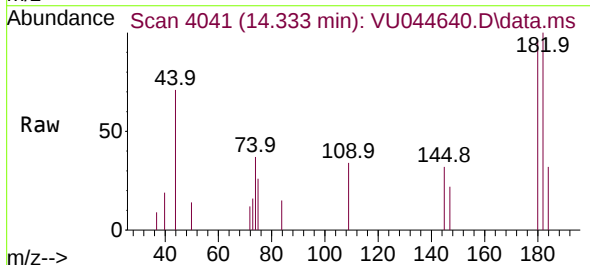
Tgt Ion:128 Resp: 3434
Ion Ratio Lower Upper
128 100
129 9.5 8.7 13.1
127 9.4 10.4 15.6#

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#72
1,2,3-Trichlorobenzene
Concen: 0.182 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044640.D
Acq: 15 Sep 2021 13:15



Tgt Ion:180 Resp: 1989
Ion Ratio Lower Upper
180 100
182 100.9 75.9 113.9
145 31.5 27.0 40.6

