

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021172.D
 Acq On : 12 Mar 2021 10:16
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Mar 12 11:49:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 11:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.976	128	13927	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	78268	30.00	ug/l	# 0.00
57) Chlorobenzene-d5	10.094	117	72686	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.023	65	40414	39.00	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	= 130.00%#	
60) 4-Bromofluorobenzene	11.118	95	39417	32.03	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 106.77%	
63) Toluene-d8	8.694	98	99424	29.99	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.97%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	4945	6.31	ug/l	92
3) Chloromethane	1.311	50	5265	6.30	ug/l	98
4) Vinyl Chloride	1.393	62	5181	5.45	ug/l	98
5) Bromomethane	1.623	94	3359	8.24	ug/l	94
6) Chloroethane	1.711	64	3363	5.60	ug/l	90
7) Trichlorofluoromethane	1.917	101	8213	6.42	ug/l	96
8) Diethyl Ether	2.170	74	2622	4.81	ug/l	66
9) 1,1,2-Trichlorotrifluo...	2.370	101	4481	5.84	ug/l	94
10) 1,1-Dichloroethene	2.358	96	4207	5.38	ug/l	98
11) Methyl Iodide	2.493	142	4844	4.84	ug/l	95
12) Methyl Acetate	2.752	43	6027m	6.24	ug/l	
13) Acrolein	2.270	56	4741	35.80	ug/l	95
14) Acrylonitrile	3.111	53	12274	27.29	ug/l	97
15) Acetone	2.417	58	3594	27.89	ug/l	# 65
16) Carbon Disulfide	2.552	76	12346	5.55	ug/l	98
17) Allyl chloride	2.705	41	8751	6.65	ug/l	86
18) Methylene Chloride	2.829	84	5071	5.63	ug/l	84
19) trans-1,2-Dichloroethene	3.140	96	4597	5.28	ug/l	# 78
20) Diisopropyl ether	3.823	45	16735	6.30	ug/l	88
21) 1,1-Dichloroethane	3.670	63	8858	5.76	ug/l	100
22) cis-1,2-Dichloroethene	4.558	96	5145	5.14	ug/l	84
23) tert-Butyl Alcohol	3.011	59	6269	30.82	ug/l	# 100
24) Methyl tert-Butyl Ether	3.164	73	14736	5.25	ug/l	# 82
25) Chloroform	5.170	83	9281	5.86	ug/l	99
26) Cyclohexane	5.547	56	8108	5.86	ug/l	# 85
29) 1,1-Dichloropropene	5.764	75	6656	5.52	ug/l	93
30) 2-Butanone	4.635	43	18060	29.38	ug/l	# 90
31) 2,2-Dichloropropane	4.546	77	7432	5.37	ug/l	95
32) 1,1,1-Trichloroethane	5.464	97	8318	6.03	ug/l	95
33) Carbon Tetrachloride	5.747	117	6971	5.81	ug/l	97
34) Benzene	6.106	78	19075	5.30	ug/l	98
35) Methacrylonitrile	5.005	41	4129	6.15	ug/l	92
36) 1,2-Dichloroethane	6.158	62	8375	6.51	ug/l	# 92
37) Trichloroethene	7.188	130	5066	5.26	ug/l	99
38) Methylcyclohexane	7.441	83	7612	5.11	ug/l	90
39) 1,2-Dichloropropane	7.488	63	5143	5.65	ug/l	91
40) Dibromomethane	7.635	93	3752	5.97	ug/l	84
41) Bromodichloromethane	7.870	83	7681	5.85	ug/l	95
42) Vinyl Acetate	3.782	43	69649	30.29	ug/l	# 92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.794	43	7556	6.37	ug/l #	76
44) Isopropyl Acetate	6.411	43	11854	5.95	ug/l	92
45) 1,4-Dioxane	7.717	88	2307	103.77	ug/l #	84
46) Methyl methacrylate	7.741	41	6533	6.48	ug/l	78
47) n-amyl Acetate	10.877	43	9641	5.75	ug/l	92
48) t-1,3-Dichloropropene	9.024	75	7186	5.00	ug/l	92
49) cis-1,3-Dichloropropene	8.418	75	8141	5.22	ug/l #	87
50) 1,1,2-Trichloroethane	9.194	97	4805	5.33	ug/l	96
51) Ethyl methacrylate	9.159	69	7190	5.04	ug/l #	65
52) 1,3-Dichloropropane	9.353	76	8390	5.45	ug/l	98
53) Dibromochloromethane	9.565	129	5524	5.66	ug/l	99
54) 1,2-Dibromoethane	9.653	107	4966	5.25	ug/l	95
55) 2-Chloroethyl vinyl ether	8.288	63	19084	27.60	ug/l	96
56) Bromoform	10.836	173	3679	5.39	ug/l #	99
58) 4-Methyl-2-Pentanone	8.618	43	36257	29.58	ug/l #	88
59) 2-Hexanone	9.471	43	27176	29.38	ug/l	87
61) Tetrachloroethene	9.318	164	4804	5.50	ug/l #	86
62) Toluene	8.765	91	20326	5.03	ug/l	100
64) Chlorobenzene	10.118	112	12634	5.09	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.200	131	4781	5.20	ug/l	97
66) Ethyl Benzene	10.235	91	23453	5.20	ug/l	95
67) m/p-Xylenes	10.341	106	16355	9.80	ug/l	91
68) o-Xylene	10.683	106	8065	5.06	ug/l	90
69) Styrene	10.694	104	13151	4.77	ug/l	93
70) Isopropylbenzene	11.000	105	22263	5.17	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.253	83	7113	5.27	ug/l	99
72) 1,2,3-Trichloropropane	11.277	75	7398m	5.99	ug/l	
73) Bromobenzene	11.236	156	4941	4.88	ug/l	82
74) n-propylbenzene	11.341	91	25457	5.15	ug/l	95
75) 2-Chlorotoluene	11.400	91	15797	5.34	ug/l	96
76) 1,3,5-Trimethylbenzene	11.489	105	18502	5.20	ug/l	98
77) t-1,4-Dichloro-2-butene	11.059	75	2149	4.31	ug/l	77
78) 4-Chlorotoluene	11.494	91	18312	5.38	ug/l	98
79) tert-butylbenzene	11.753	119	16910	4.97	ug/l	90
80) 1,2,4-Trimethylbenzene	11.789	105	18910	5.25	ug/l	96
81) sec-Butylbenzene	11.930	105	20200	4.93	ug/l	100
82) p-Isopropyltoluene	12.047	119	18172	4.90	ug/l	96
83) 1,3-Dichlorobenzene	12.006	146	8564	4.65	ug/l	95
84) 1,4-Dichlorobenzene	12.083	146	8734	4.82	ug/l	95
85) n-Butylbenzene	12.371	91	16535	4.92	ug/l	97
86) Hexachloroethane	12.577	117	3353	4.81	ug/l	87
87) 1,2-Dichlorobenzene	12.377	146	8649	4.96	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.983	75	1607	5.13	ug/l #	80
89) 1,2,4-Trichlorobenzene	13.630	180	4920	4.29	ug/l	97
90) Hexachlorobutadiene	13.765	225	2481	5.33	ug/l	97
91) Naphthalene	13.818	128	14632	3.72	ug/l	97
92) 1,2,3-Trichlorobenzene	14.007	180	4762	4.23	ug/l	96

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

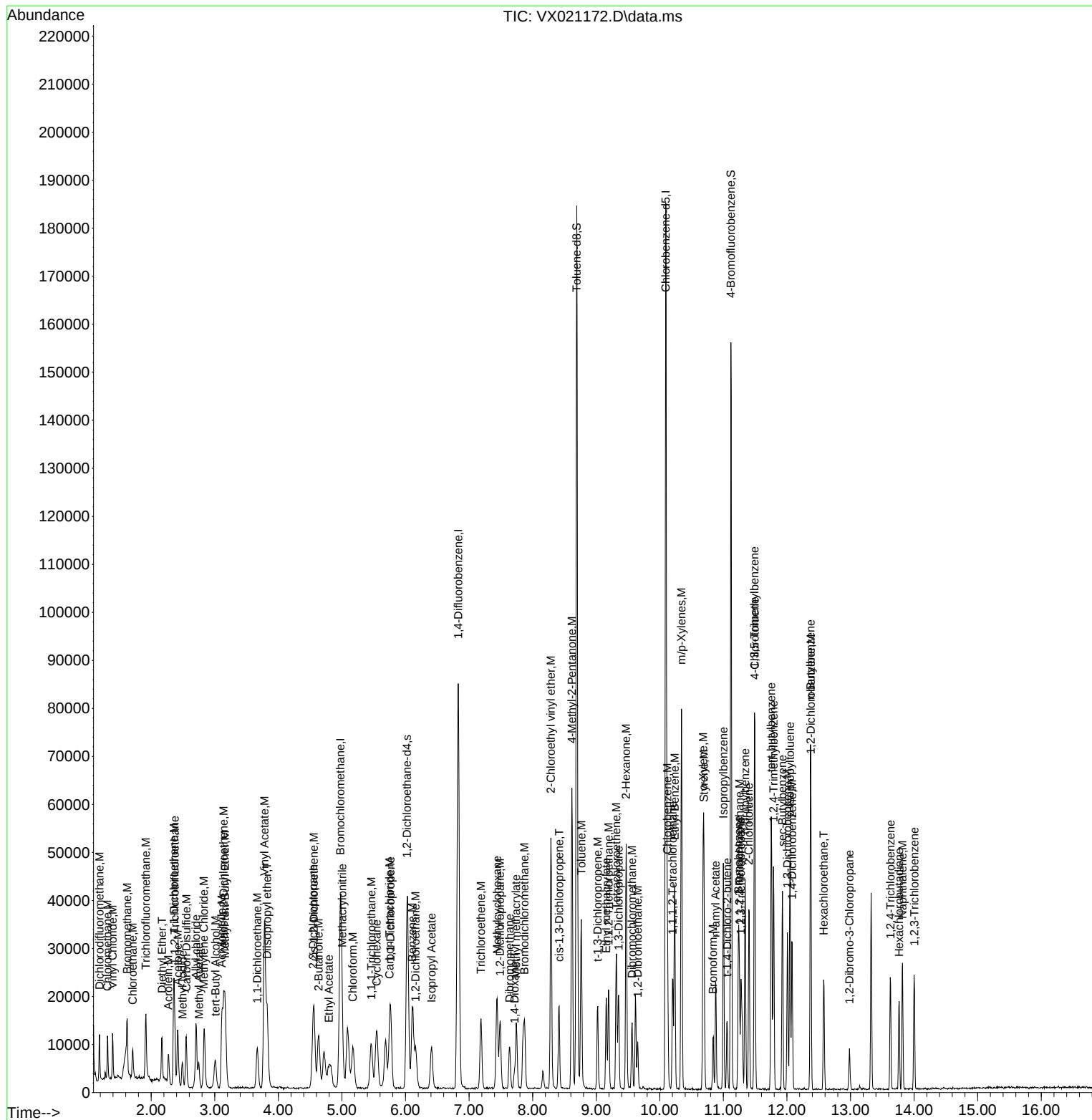
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 Data File : VX021172.D
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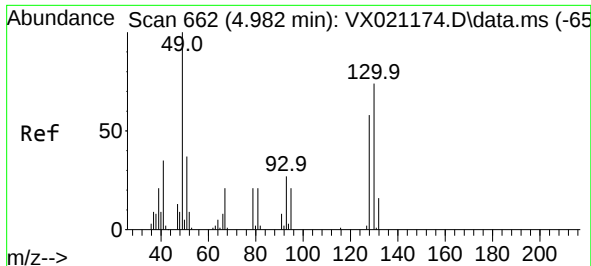
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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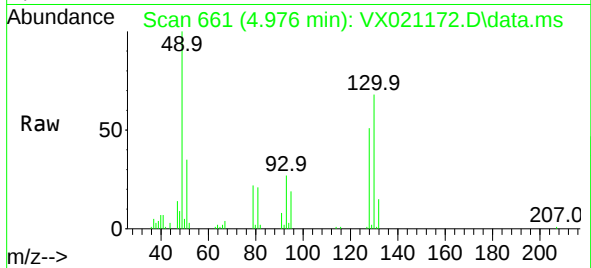
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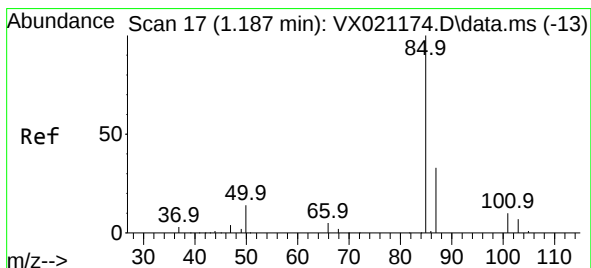
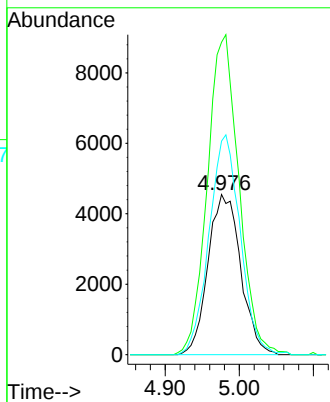
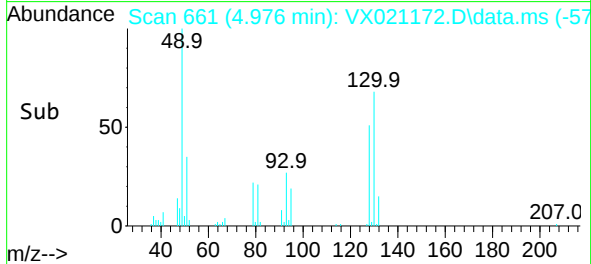




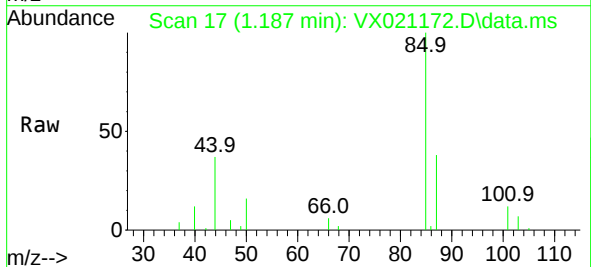
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.976 min Scan# 661
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



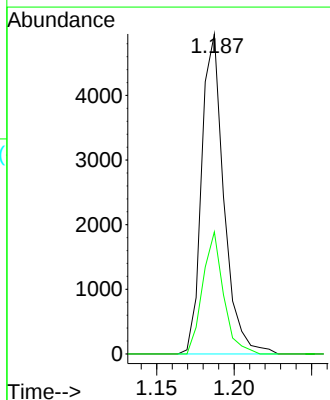
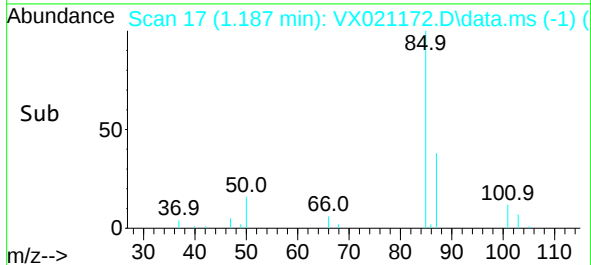
Tgt Ion: 128 Resp: 13927
Ion Ratio Lower Upper
128 100
49 192.6 0.0 367.5
130 130.8 0.0 318.8



#2
Dichlorodifluoromethane
Concen: 6.31 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



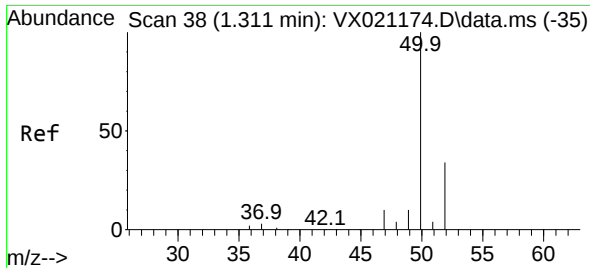
Tgt Ion: 85 Resp: 4945
Ion Ratio Lower Upper
85 100
87 38.2 16.8 50.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

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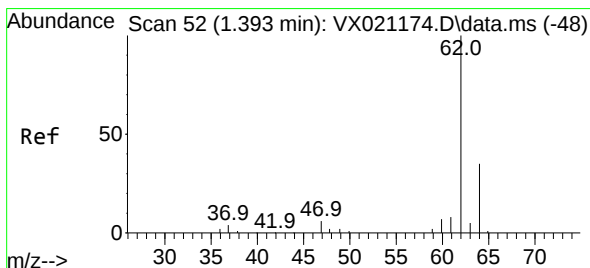
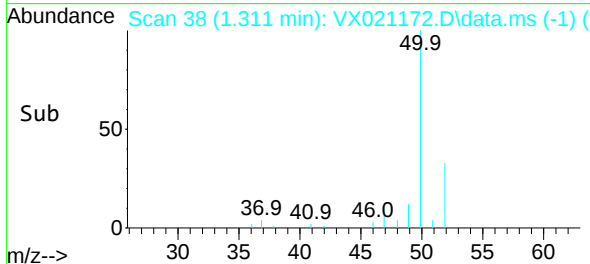
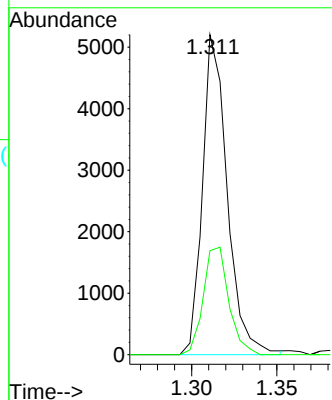
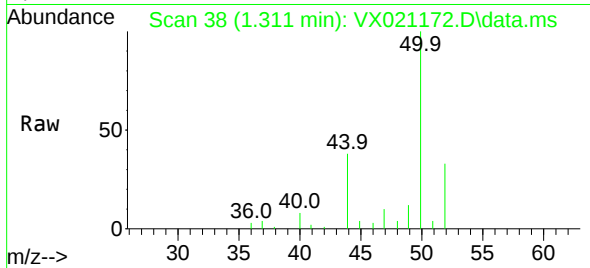
#3
Chloromethane
Concen: 6.30 ug/l
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 50 Resp: 5265
Ion Ratio Lower Upper
50 100
52 32.5 26.9 40.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

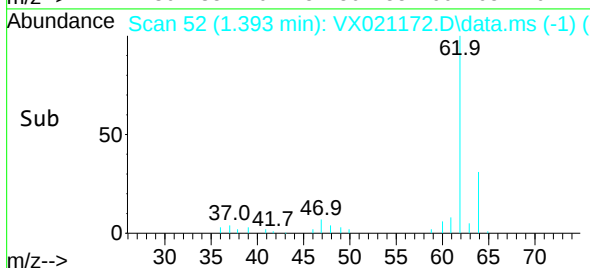
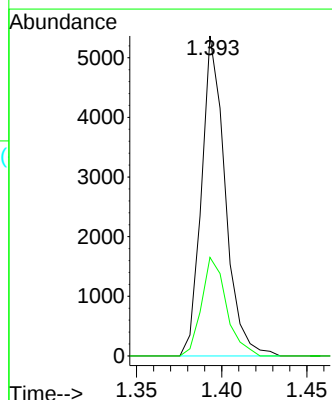
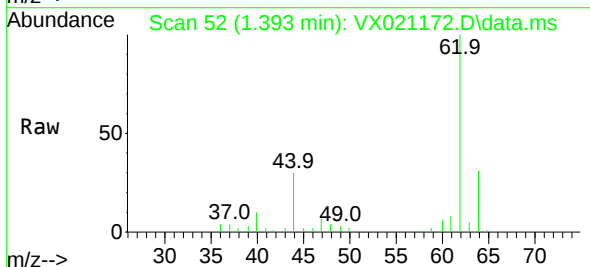
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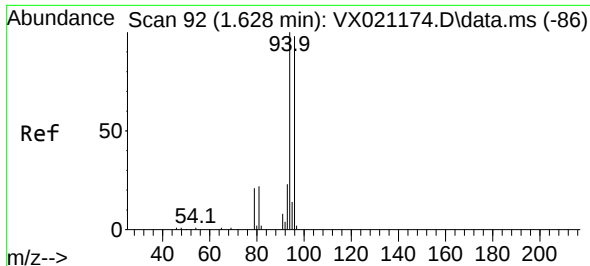
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#4
Vinyl Chloride
Concen: 5.45 ug/l
RT: 1.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 62 Resp: 5181
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.2





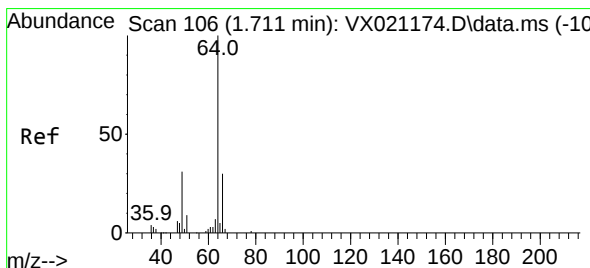
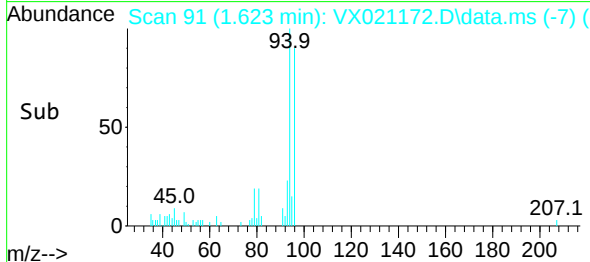
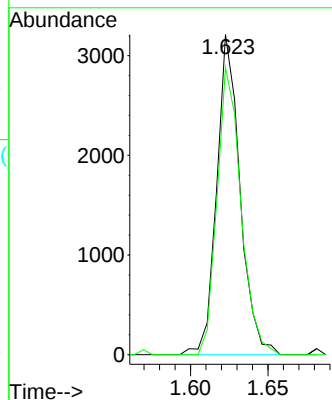
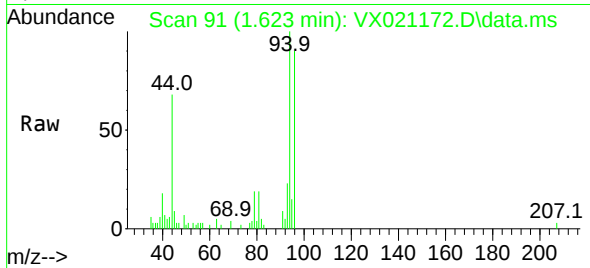
#5
Bromomethane
Concen: 8.24 ug/l
RT: 1.623 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 94 Resp: 3359
Ion Ratio Lower Upper
94 100
96 89.7 76.6 114.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

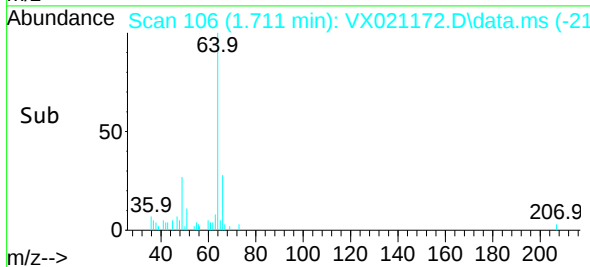
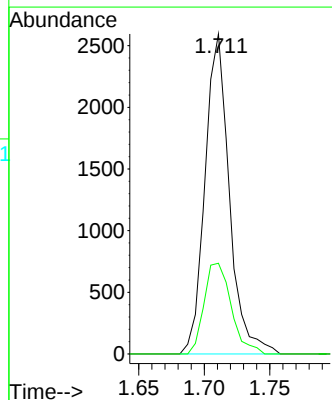
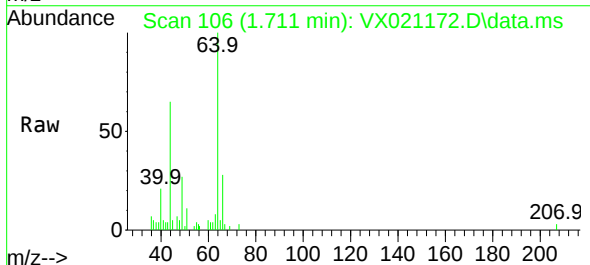
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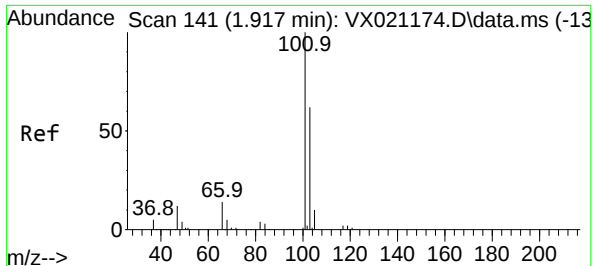
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#6
Chloroethane
Concen: 5.60 ug/l
RT: 1.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 64 Resp: 3363
Ion Ratio Lower Upper
64 100
66 28.3 27.4 41.2





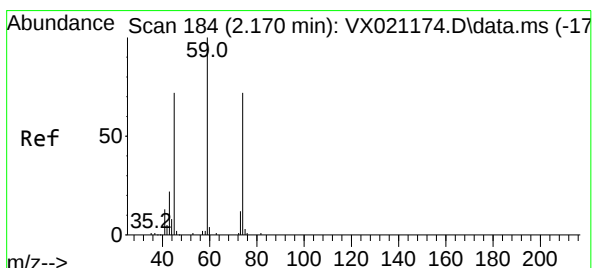
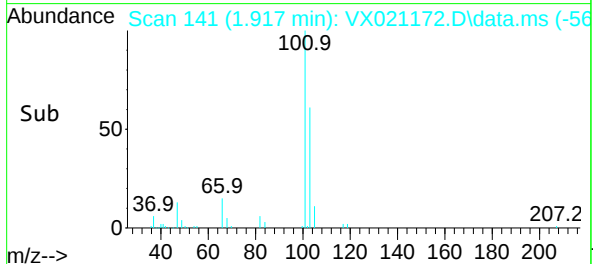
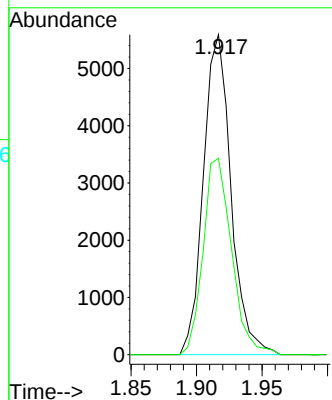
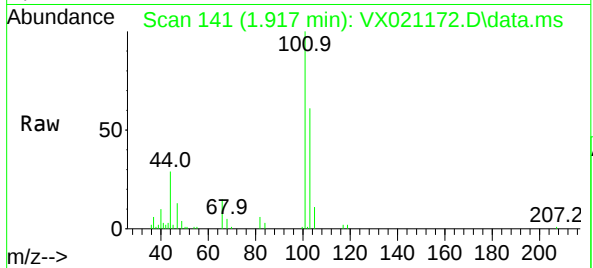
#7
Trichlorofluoromethane
Concen: 6.42 ug/l
RT: 1.917 min Scan# 141
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 101 Resp: 8213
Ion Ratio Lower Upper
101 100
103 61.4 51.4 77.2

Instrument :
MSVOA_X
ClientSampleId :
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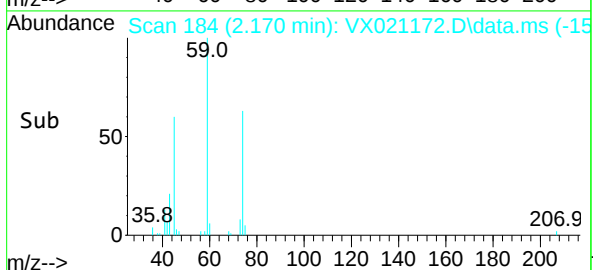
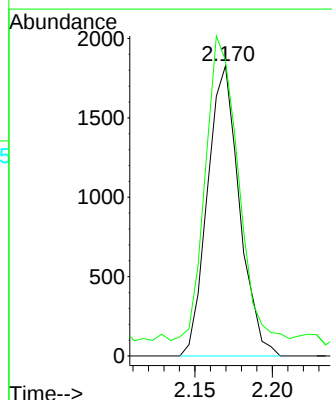
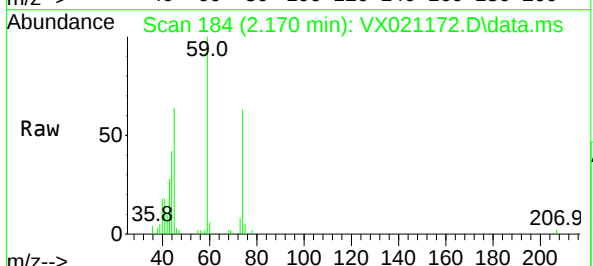
Manual Integrations
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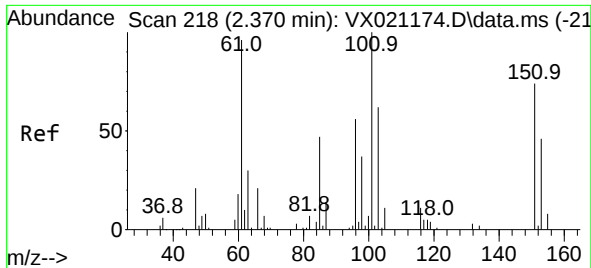
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#8
Diethyl Ether
Concen: 4.81 ug/l
RT: 2.170 min Scan# 184
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 74 Resp: 2622
Ion Ratio Lower Upper
74 100
45 117.6 17.3 155.7





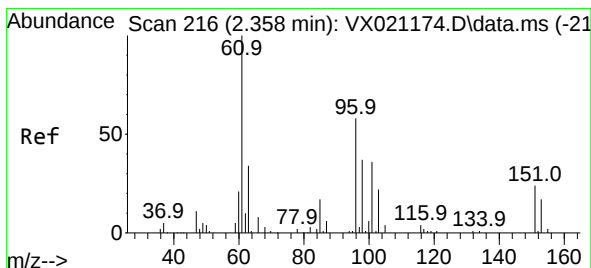
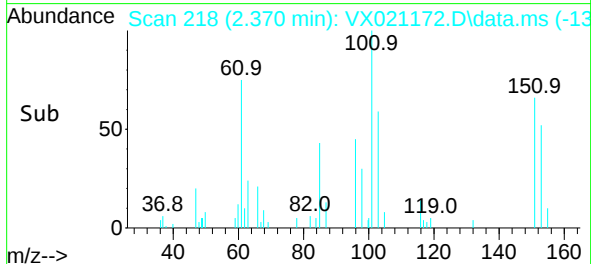
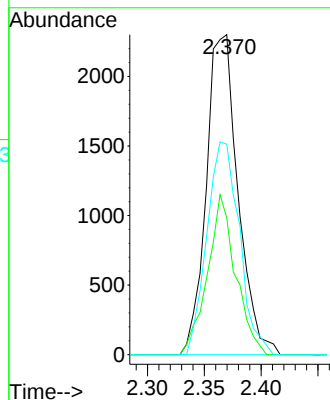
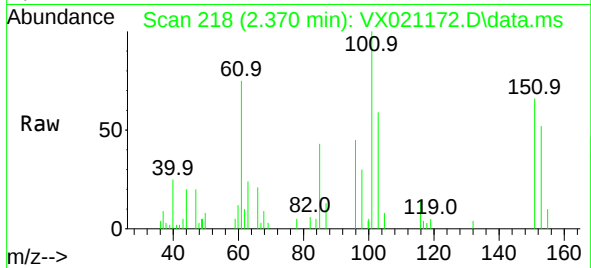
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 1,1,2-Trichlorotrifluoroethane
 Concen: 5.84 ug/l
 RT: 2.370 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VX021172.D
 Acq: 12 Mar 2021 10:16

Tgt Ion: 101 Resp: 4481
 Ion Ratio Lower Upper
 101 100
 85 44.3 0.0 88.0
 151 68.1 0.0 151.8

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

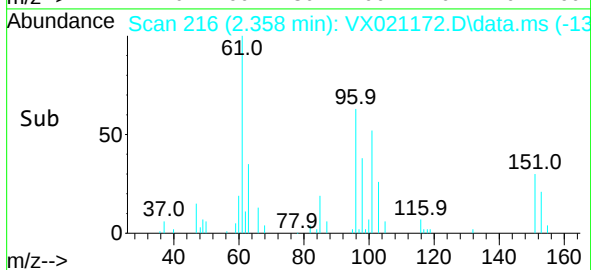
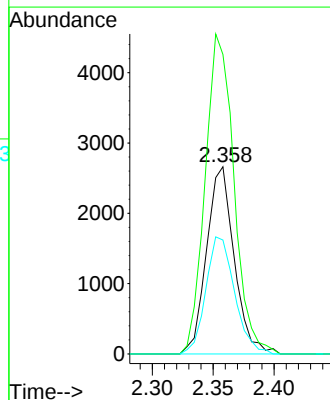
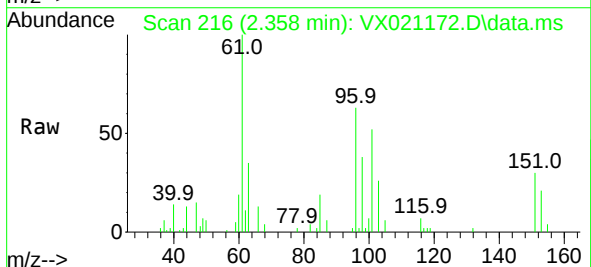
Manual Integrations
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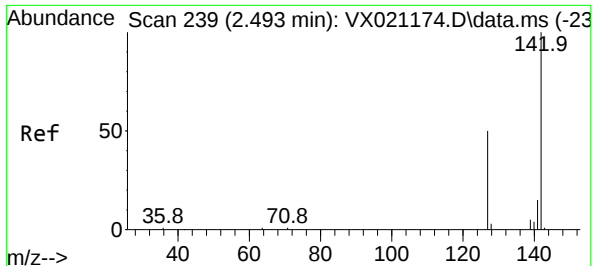
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#10
 1,1-Dichloroethene
 Concen: 5.38 ug/l
 RT: 2.358 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VX021172.D
 Acq: 12 Mar 2021 10:16

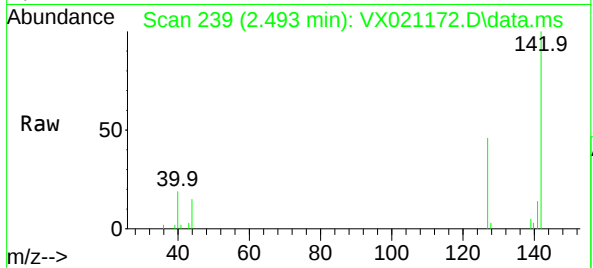
Tgt Ion: 96 Resp: 4207
 Ion Ratio Lower Upper
 96 100
 61 160.0 126.1 189.1
 98 60.9 51.3 76.9





#11
Methyl Iodide
Concen: 4.84 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

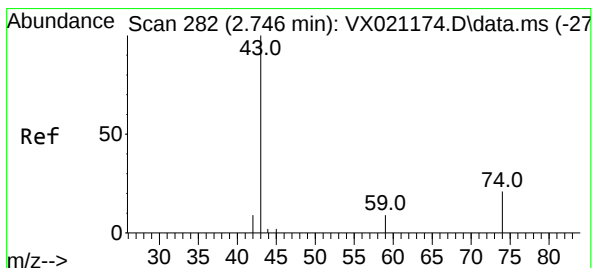
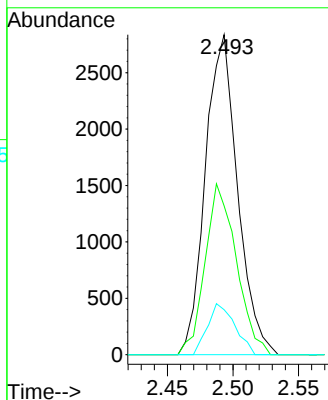
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



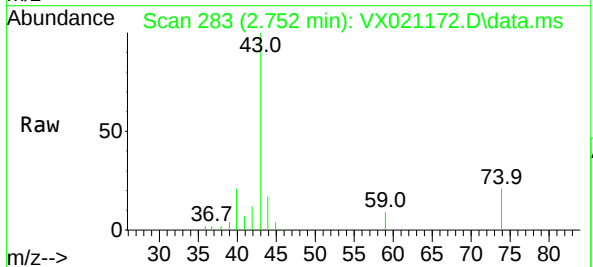
Tgt Ion:142 Resp: 4844
Ion Ratio Lower Upper
142 100
127 46.5 21.4 64.2
141 14.1 6.5 19.4

Manual Integrations
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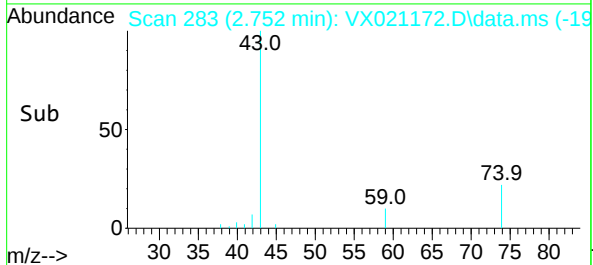
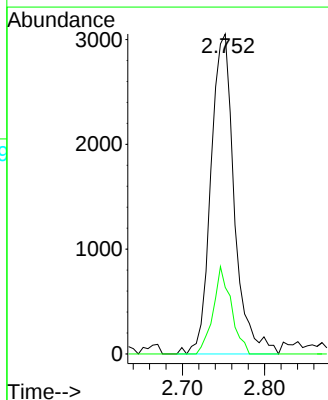
MMDadoda
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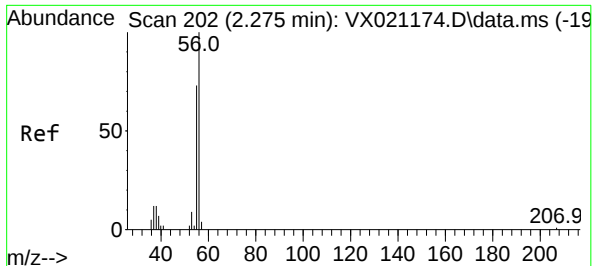


#12
Methyl Acetate
Concen: 6.24 ug/l m
RT: 2.752 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



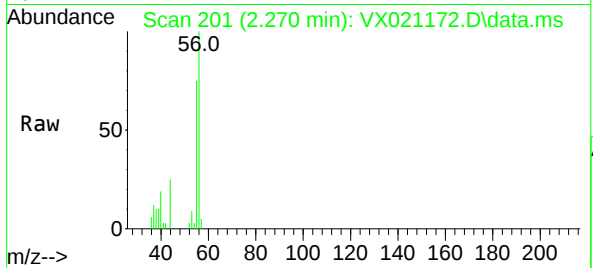
Tgt Ion: 43 Resp: 6027
Ion Ratio Lower Upper
43 100
74 20.8 22.8 34.2#





#13
Acrolein
Concen: 35.80 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

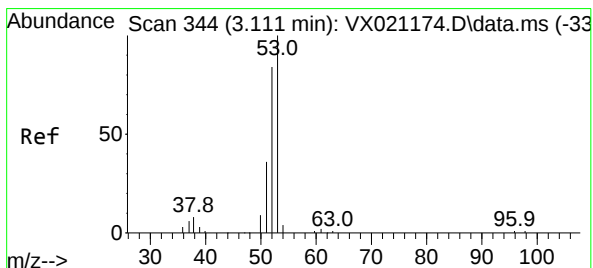
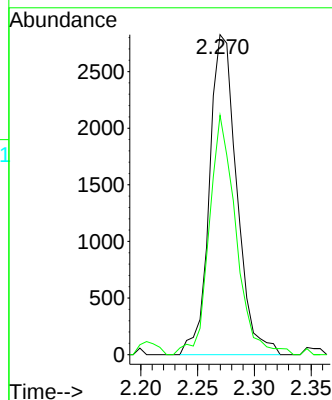
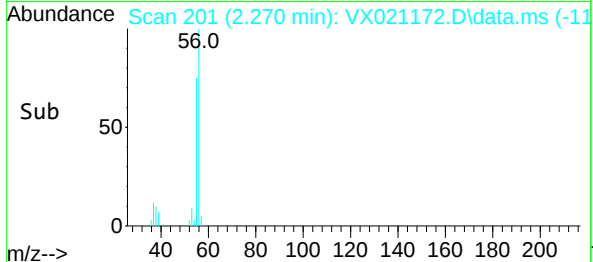
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



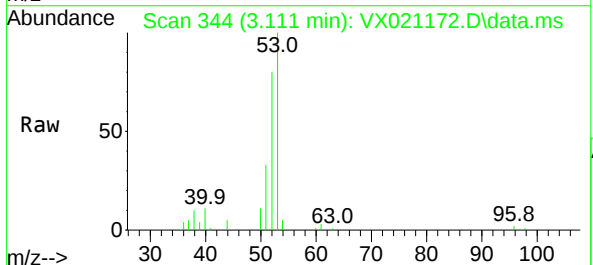
Tgt Ion: 56 Resp: 4741
Ion Ratio Lower Upper
56 100
55 66.1 56.3 84.5

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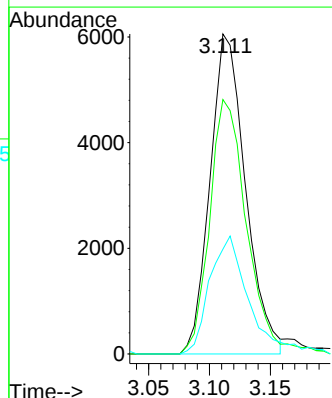
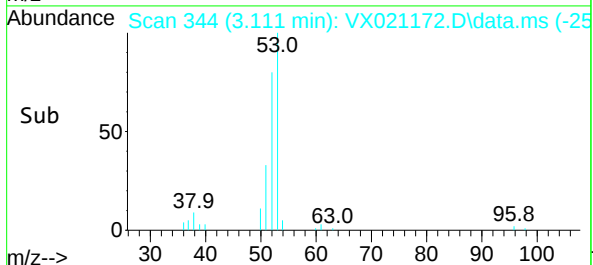
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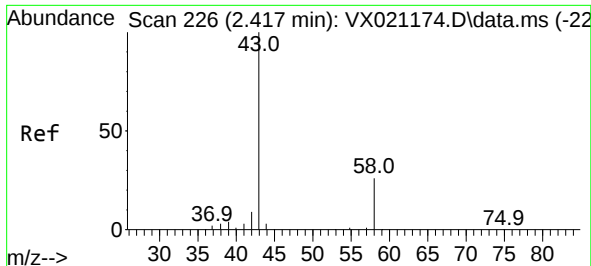


#14
Acrylonitrile
Concen: 27.29 ug/l
RT: 3.111 min Scan# 344
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



Tgt Ion: 53 Resp: 12274
Ion Ratio Lower Upper
53 100
52 83.2 41.1 123.3
51 40.0 17.6 52.9





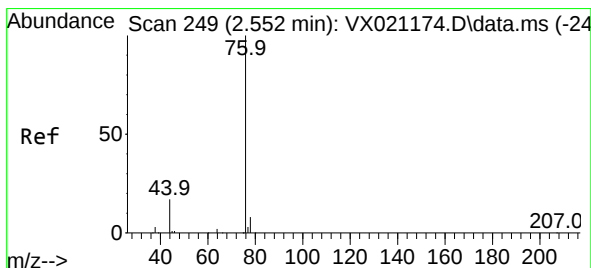
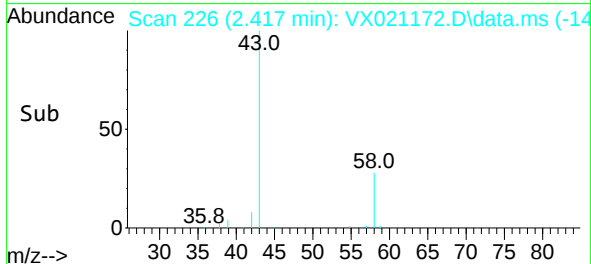
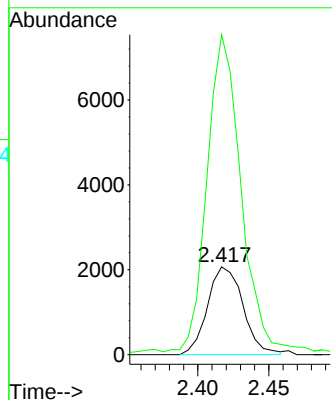
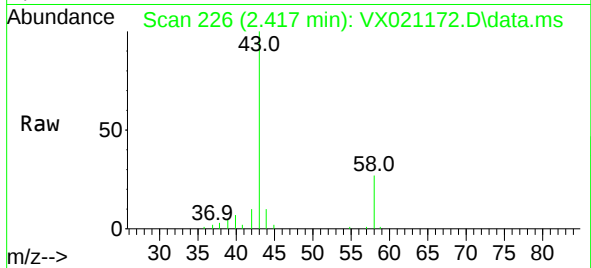
#15
Acetone
Concen: 27.89 ug/l
RT: 2.417 min Scan# 226
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 58 Resp: 3594
Ion Ratio Lower Upper
58 100
43 358.8 232.6 348.8#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

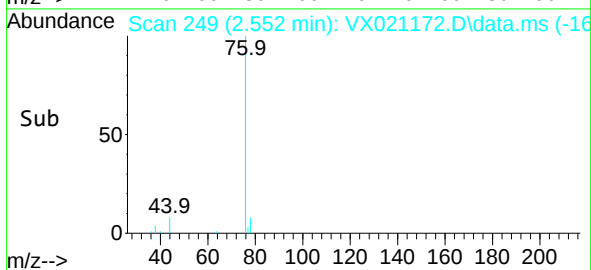
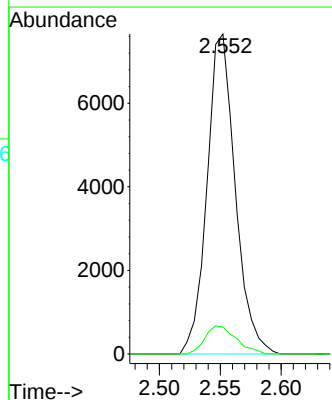
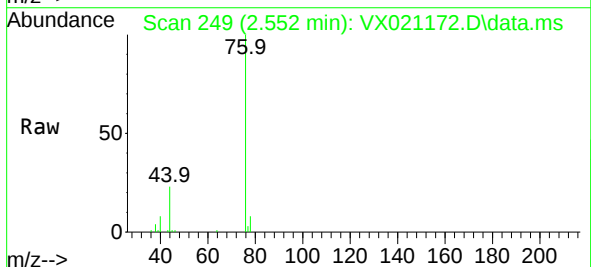
Manual Integrations
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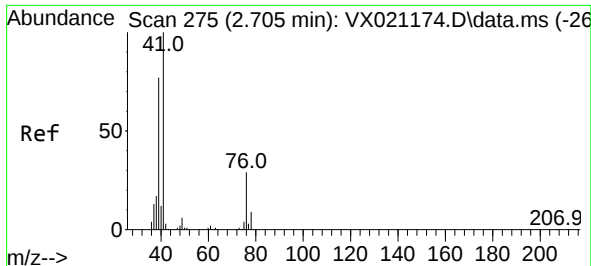
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#16
Carbon Disulfide
Concen: 5.55 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 76 Resp: 12346
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0





#17

Allyl chloride

Concen: 6.65 ug/l

RT: 2.705 min Scan# 275

Delta R.T. 0.000 min

Lab File: VX021172.D

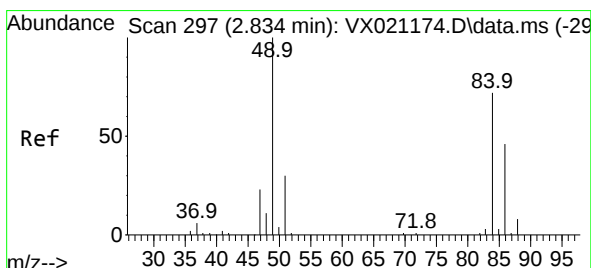
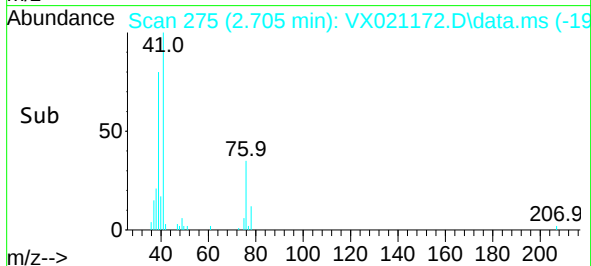
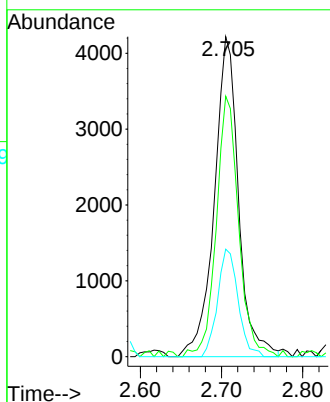
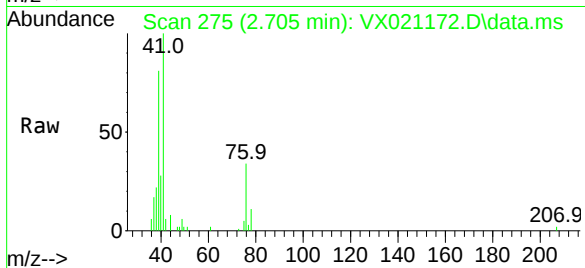
Acq: 12 Mar 2021 10:16

Tgt Ion:	41	Resp:	8751
Ion	Ratio	Lower	Upper
41	100		
39	81.4	34.8	104.4
76	33.6	21.3	63.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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#18

Methylene Chloride

Concen: 5.63 ug/l

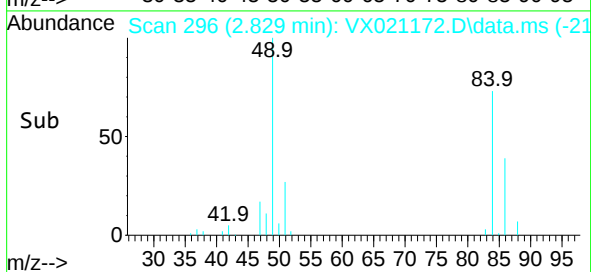
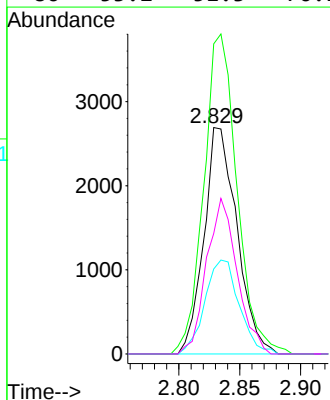
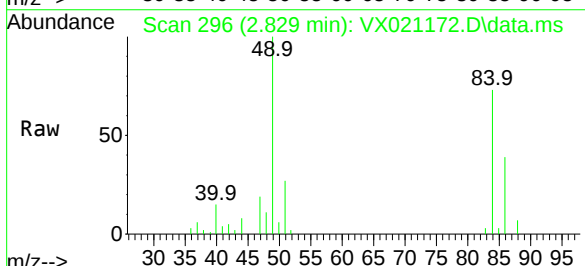
RT: 2.829 min Scan# 296

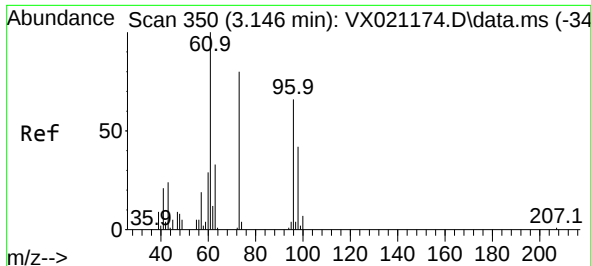
Delta R.T. -0.006 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

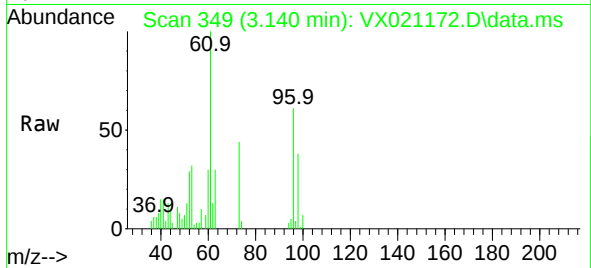
Tgt Ion:	84	Resp:	5071
Ion	Ratio	Lower	Upper
84	100		
49	134.0	90.6	136.0
51	37.5	26.3	39.5
86	53.2	51.3	76.9





#19
trans-1,2-Dichloroethene
Concen: 5.28 ug/l
RT: 3.140 min Scan# 349
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

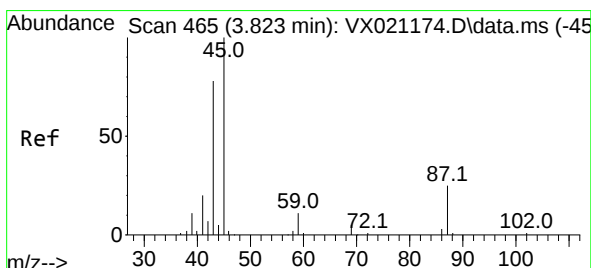
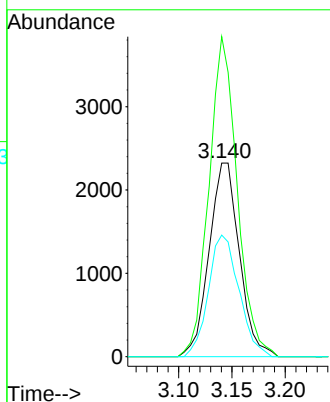
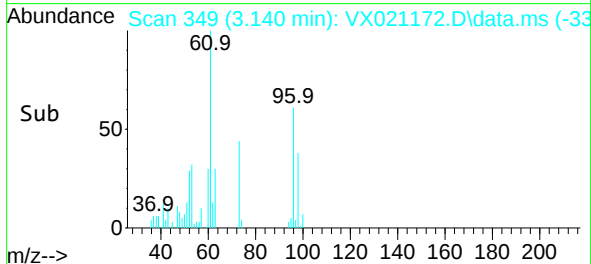
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



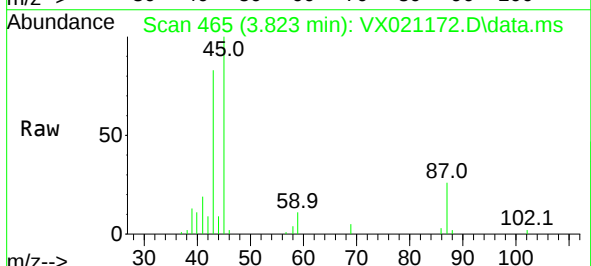
Tgt Ion: 96 Resp: 4597
Ion Ratio Lower Upper
96 100
61 165.2 103.0 154.4#
98 62.8 51.8 77.6

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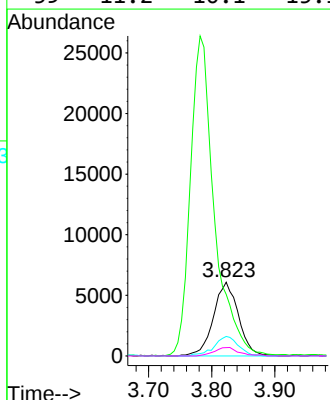
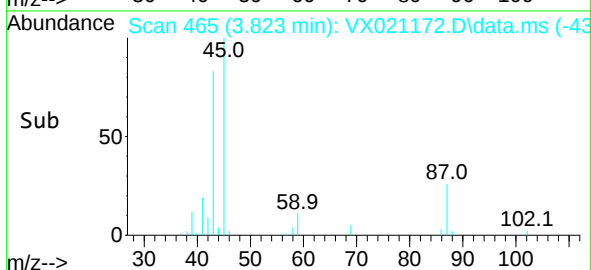
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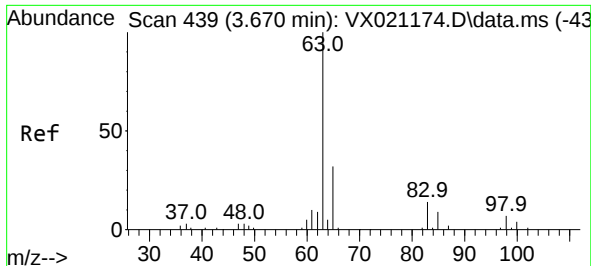


#20
Diisopropyl ether
Concen: 6.30 ug/l
RT: 3.823 min Scan# 465
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



Tgt Ion: 45 Resp: 16735
Ion Ratio Lower Upper
45 100
43 81.6 56.0 84.0
87 26.4 25.4 38.0
59 11.2 10.1 15.1





#21

1,1-Dichloroethane

Concen: 5.76 ug/l

RT: 3.670 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

Tgt Ion:	63	Resp:	8858
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.9	11.7
100	4.9	2.5	7.4

Instrument :

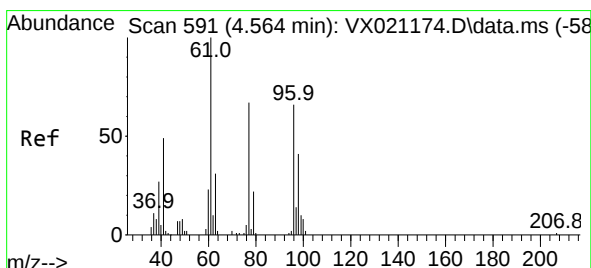
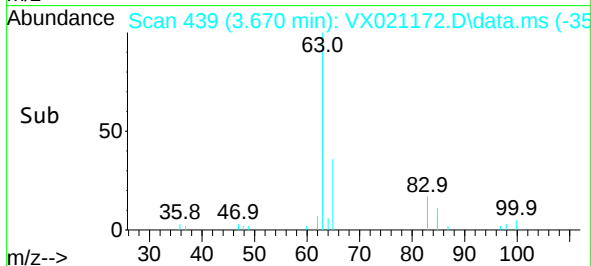
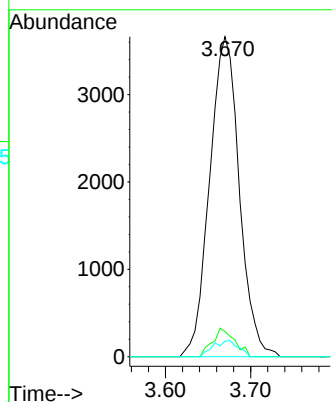
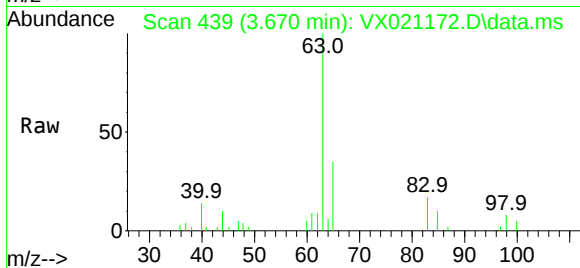
MSVOA_X

ClientSampleId :

VSTDIC005

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 5.14 ug/l

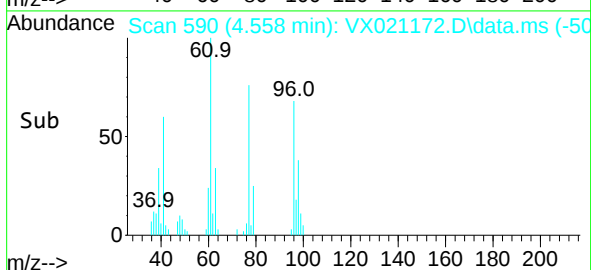
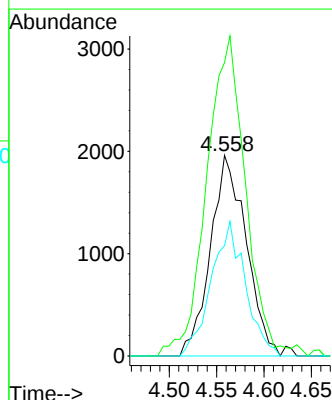
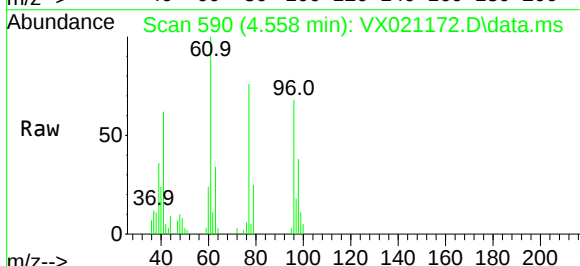
RT: 4.558 min Scan# 590

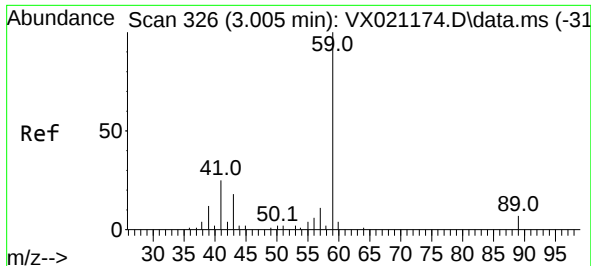
Delta R.T. -0.006 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

Tgt Ion:	96	Resp:	5145
Ion	Ratio	Lower	Upper
96	100		
61	171.0	114.1	171.1
98	63.8	51.8	77.8





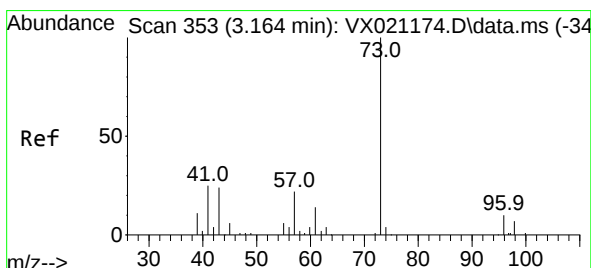
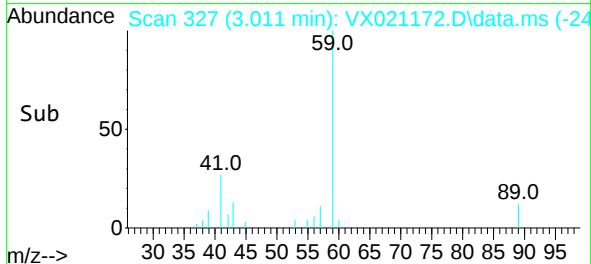
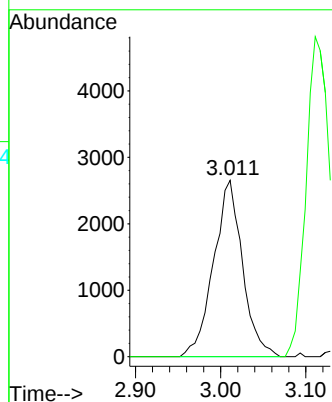
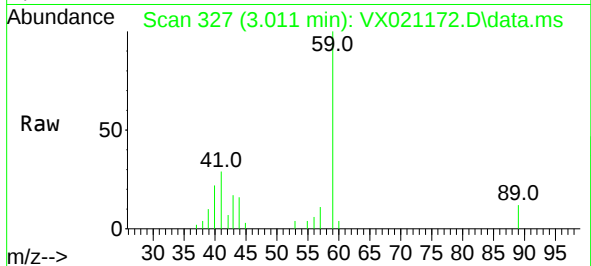
#23
tert-Butyl Alcohol
Concen: 30.82 ug/l
RT: 3.011 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 59 Resp: 6269
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

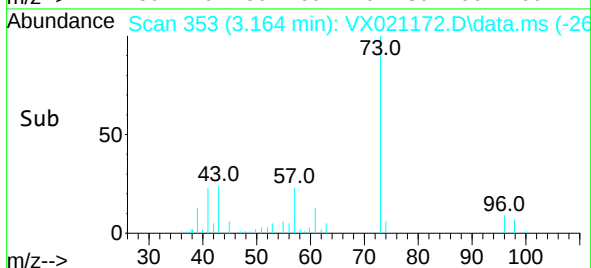
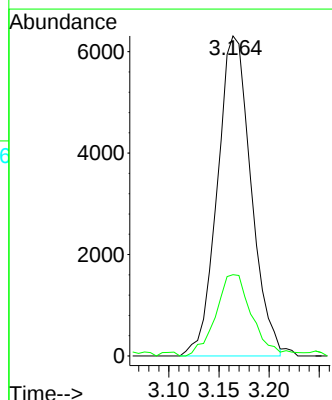
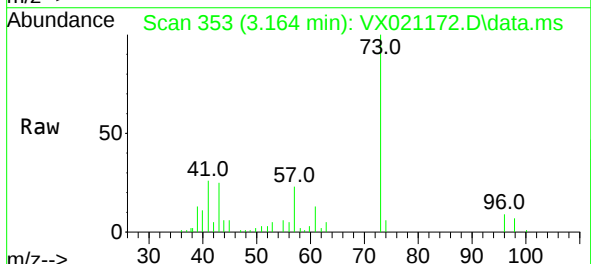
Manual Integrations
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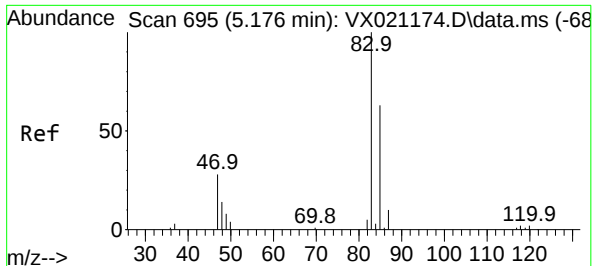
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#24
Methyl tert-Butyl Ether
Concen: 5.25 ug/l
RT: 3.164 min Scan# 353
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

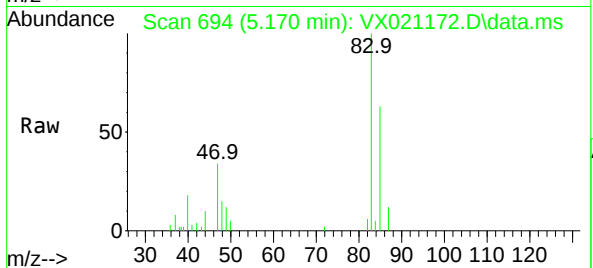
Tgt Ion: 73 Resp: 14736
Ion Ratio Lower Upper
73 100
43 26.7 14.9 22.3#





#25
Chloroform
Concen: 5.86 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

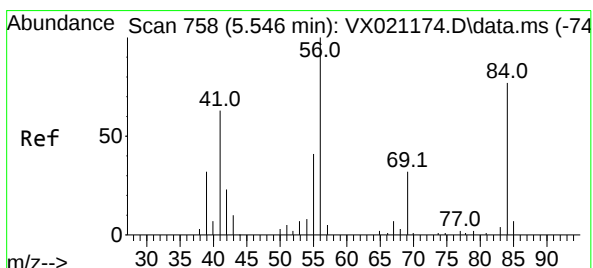
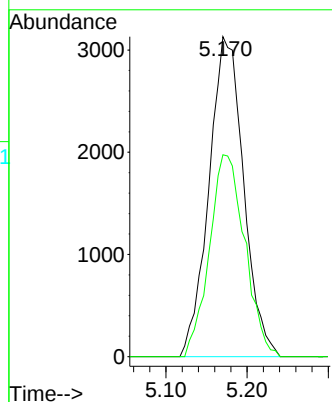
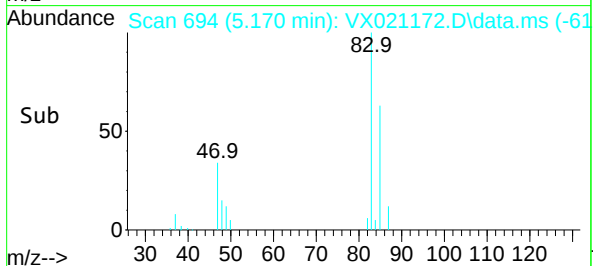
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



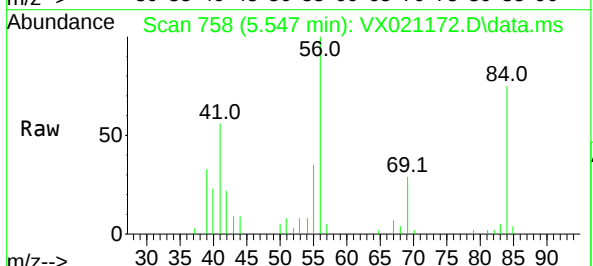
Tgt Ion: 83 Resp: 9281
Ion Ratio Lower Upper
83 100
85 63.1 51.2 76.8

Manual Integrations
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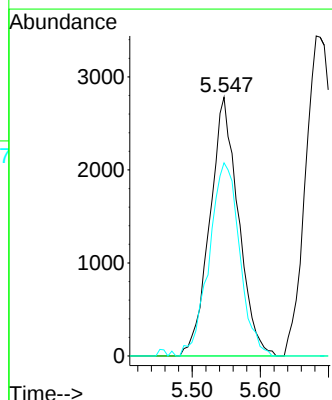
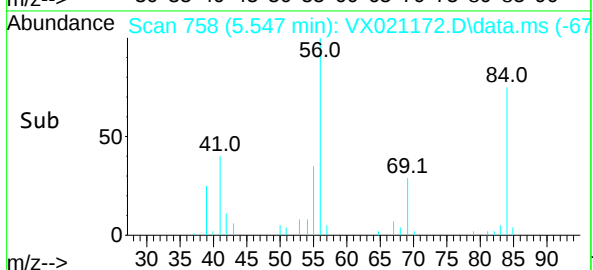
MMDadoda
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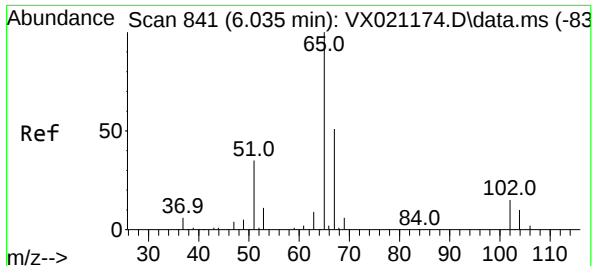


#26
Cyclohexane
Concen: 5.86 ug/l
RT: 5.547 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



Tgt Ion: 56 Resp: 8108
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 78.5 74.1 111.1





#27

1,2-Dichloroethane-d4

Concen: 39.00 ug/l

RT: 6.023 min Scan# 839

Delta R.T. -0.012 min

Lab File: VX021172.D

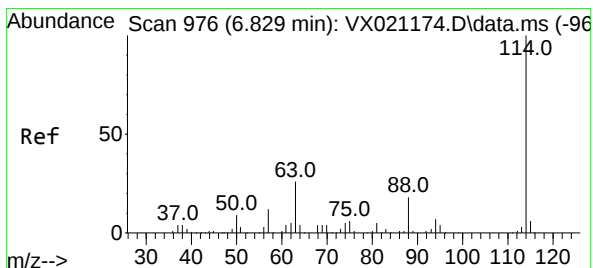
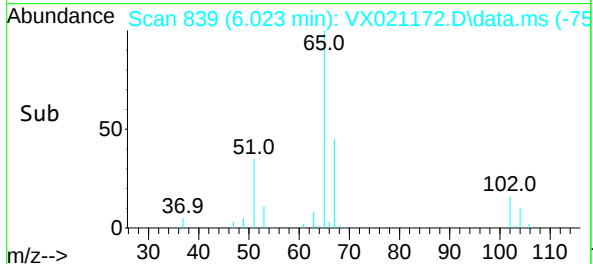
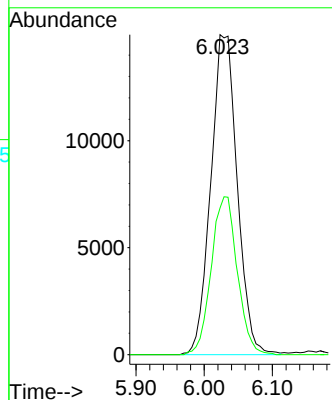
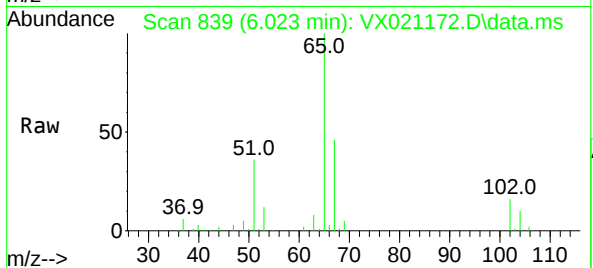
Acq: 12 Mar 2021 10:16

Tgt Ion: 65 Resp: 40414

Ion Ratio Lower Upper

65 100

67 48.6 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

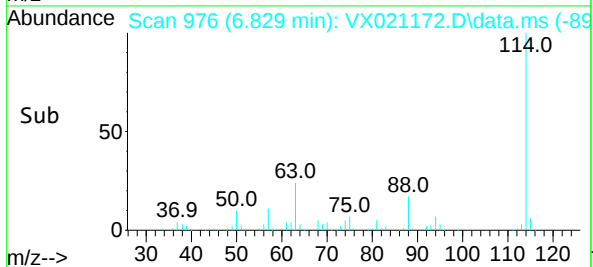
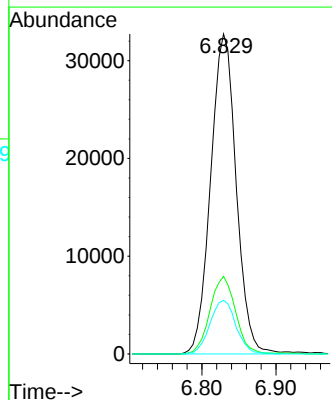
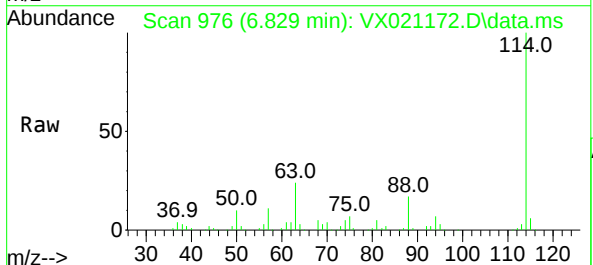
Tgt Ion: 114 Resp: 78268

Ion Ratio Lower Upper

114 100

63 24.2 16.2 24.2#

88 17.0 13.0 19.6



Instrument :

MSVOA_X

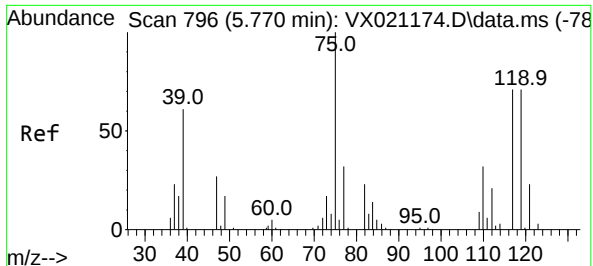
ClientSampleId :

VSTDIC005

Manual Integrations

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#29

1,1-Dichloropropene

Concen: 5.52 ug/l

RT: 5.764 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

Tgt Ion:	75	Resp:	6656
Ion	Ratio	Lower	Upper
75	100		
110	31.0	0.0	72.4
77	34.3	0.0	62.4

Instrument :

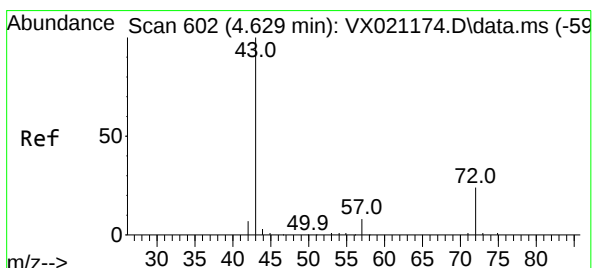
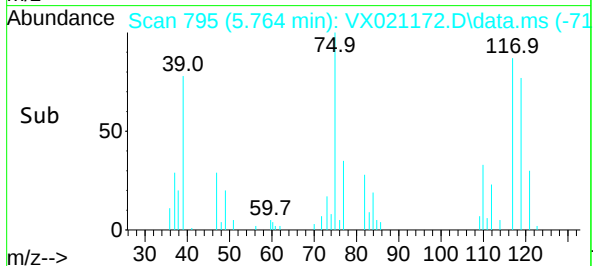
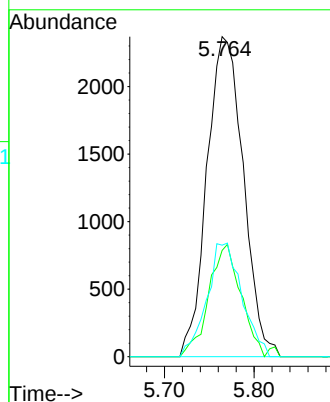
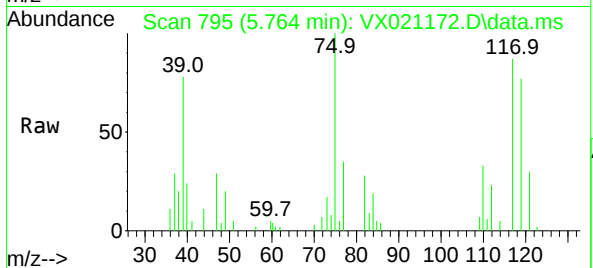
MSVOA_X

ClientSampled :

VSTDIC005

Manual Integrations
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#30

2-Butanone

Concen: 29.38 ug/l

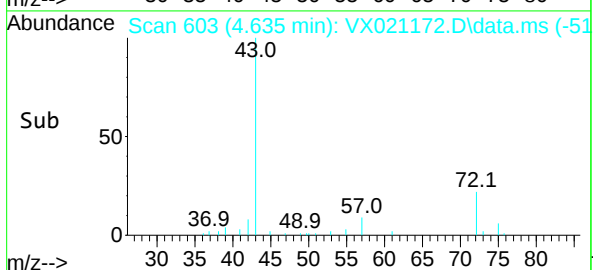
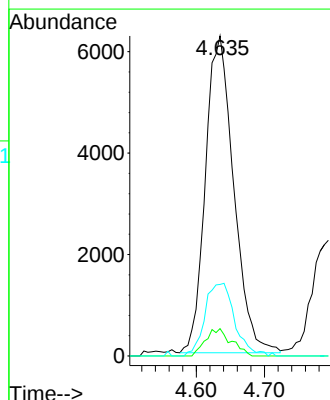
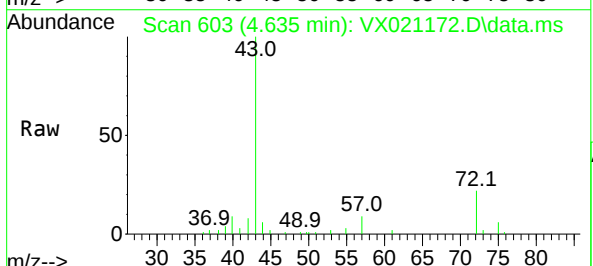
RT: 4.635 min Scan# 603

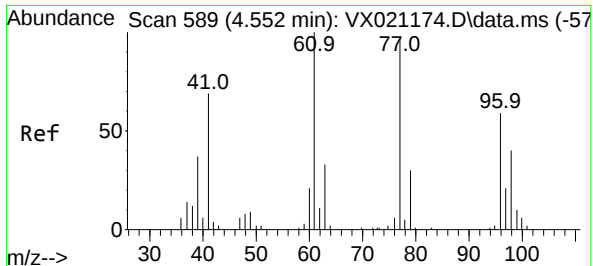
Delta R.T. 0.006 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

Tgt Ion:	43	Resp:	18060
Ion	Ratio	Lower	Upper
43	100		
57	6.1	7.2	10.8#
72	23.6	23.7	35.5#





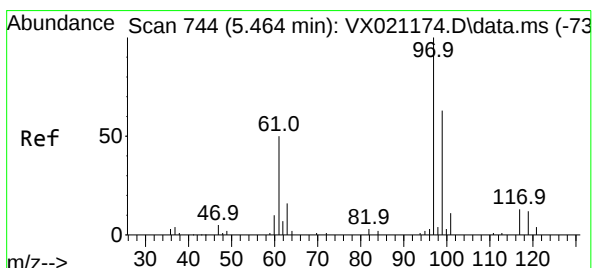
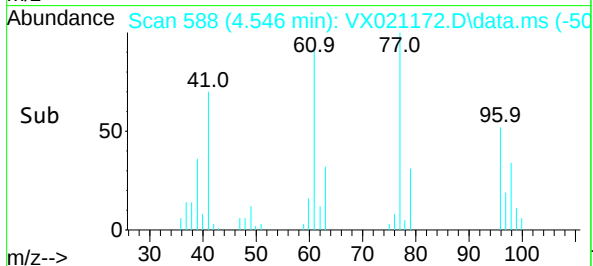
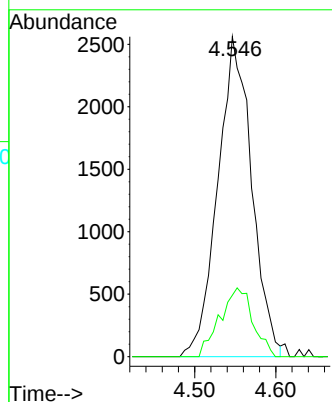
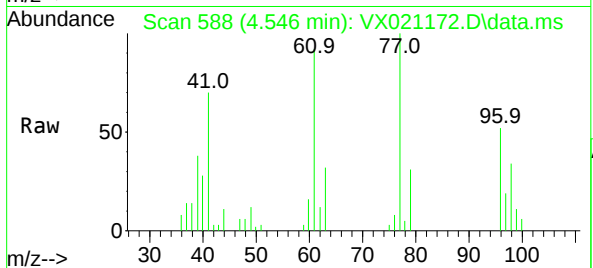
#31
2,2-Dichloropropane
Concen: 5.37 ug/l
RT: 4.546 min Scan# 588
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 77 Resp: 7432
Ion Ratio Lower Upper
77 100
97 20.8 18.6 28.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

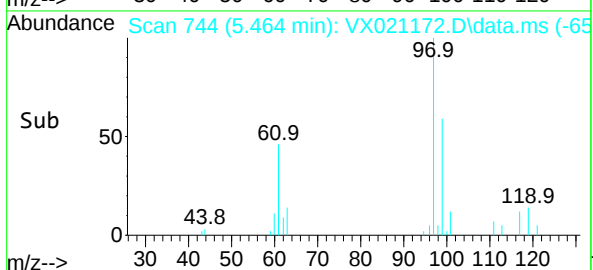
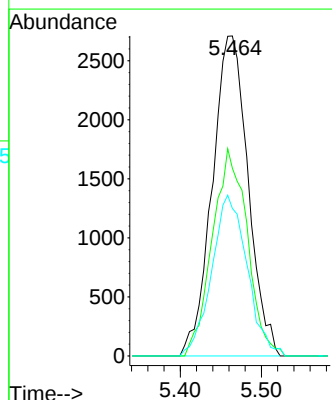
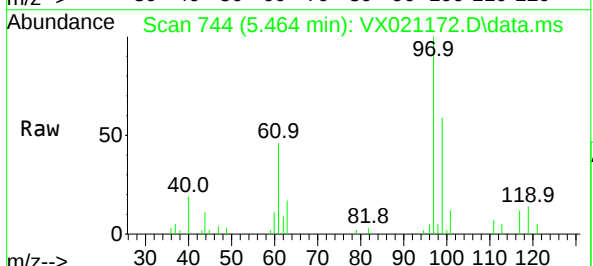
Manual Integrations
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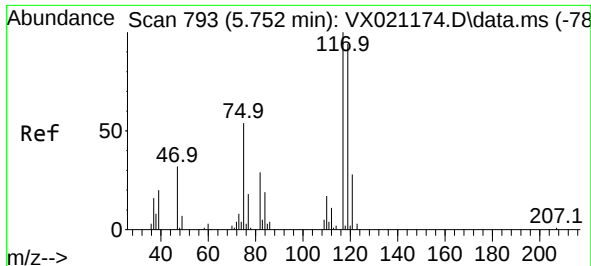
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 6.03 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

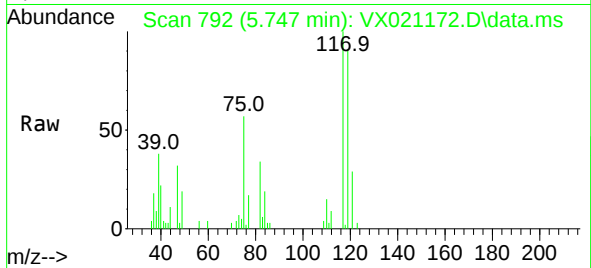
Tgt Ion: 97 Resp: 8318
Ion Ratio Lower Upper
97 100
99 63.0 51.7 77.5
61 49.3 34.3 51.5





#33
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 5.747 min Scan# 792
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

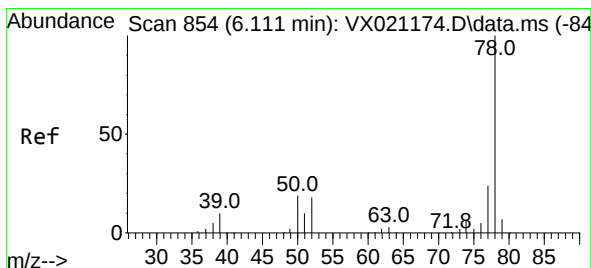
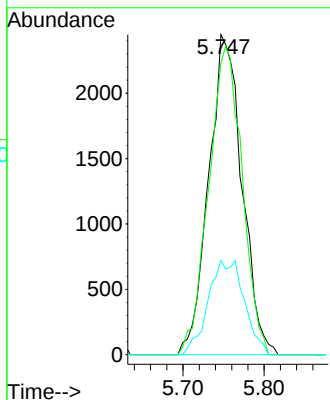
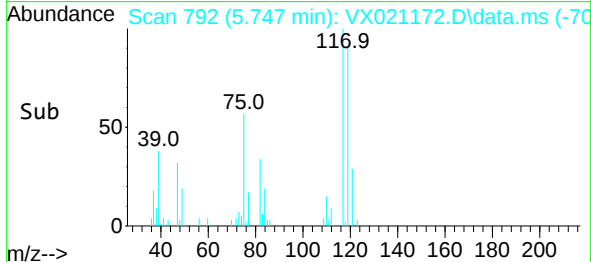
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005



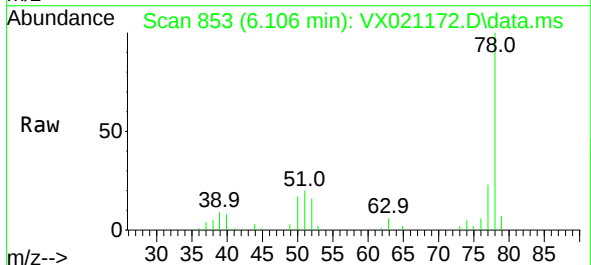
Tgt Ion:117 Resp: 6971
Ion Ratio Lower Upper
117 100
119 91.2 76.1 114.1
121 29.4 24.1 36.1

Manual Integrations
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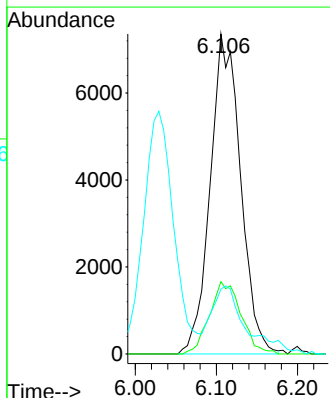
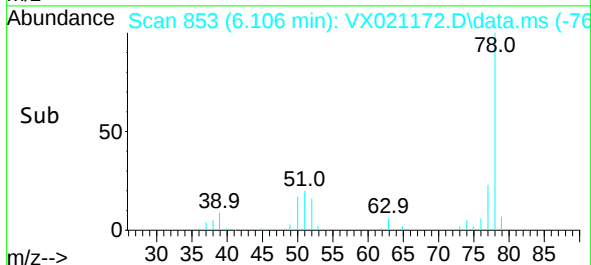
MMDadoda
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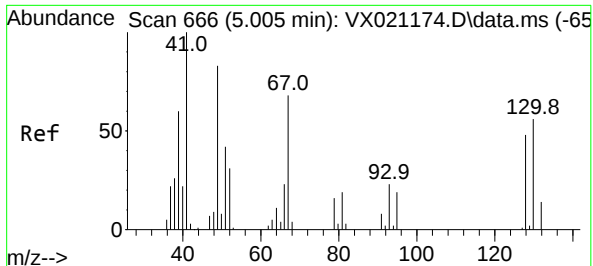


#34
Benzene
Concen: 5.30 ug/l
RT: 6.106 min Scan# 853
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



Tgt Ion: 78 Resp: 19075
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4
51 16.0 12.5 18.7





#35

Methacrylonitrile

Concen: 6.15 ug/l

RT: 5.005 min Scan# 666

Delta R.T. 0.000 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

Tgt Ion: 41 Resp: 4129

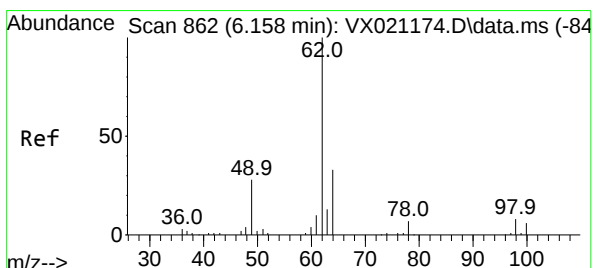
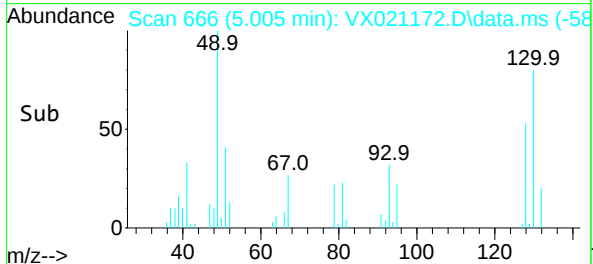
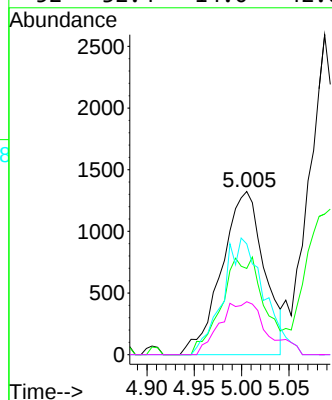
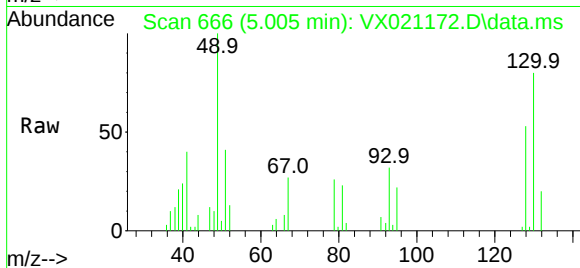
Ion Ratio Lower Upper

41 100

39 52.8 26.8 80.3

67 67.8 39.1 117.2

52 32.4 14.0 42.0



#36

1,2-Dichloroethane

Concen: 6.51 ug/l

RT: 6.158 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX021172.D

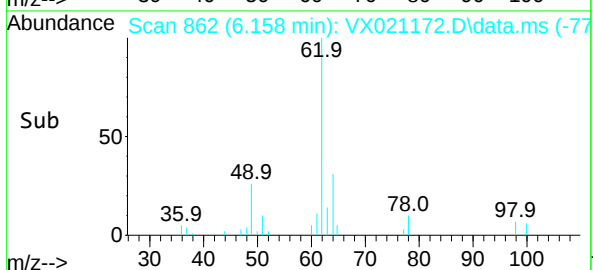
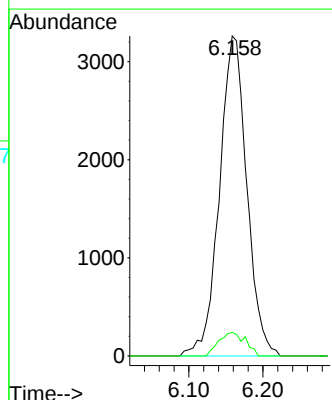
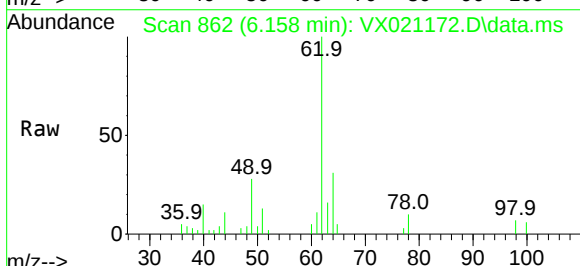
Acq: 12 Mar 2021 10:16

Tgt Ion: 62 Resp: 8375

Ion Ratio Lower Upper

62 100

98 7.1 8.1 12.1#



Instrument :

MSVOA_X

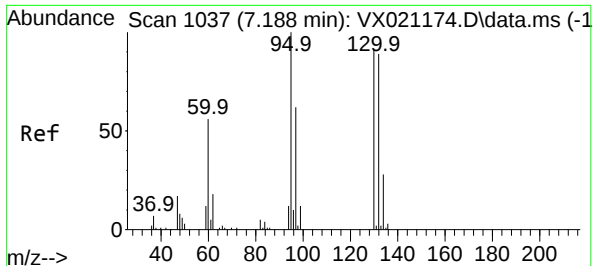
ClientSampleId :

VSTDIC005

Manual Integrations

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#37

Trichloroethene

Concen: 5.26 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VX021172.D

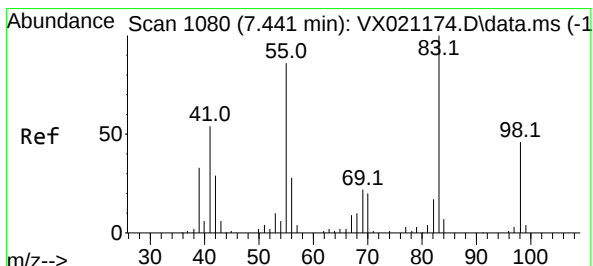
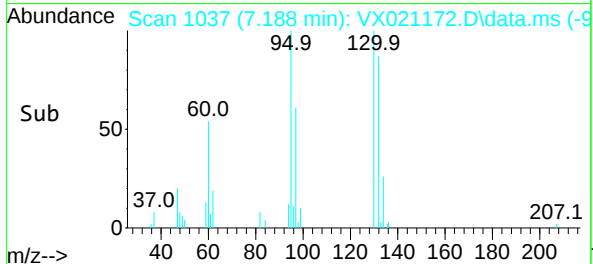
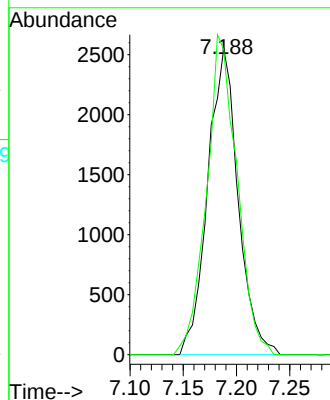
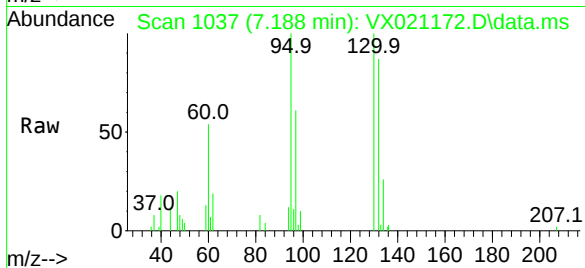
Acq: 12 Mar 2021 10:16

Tgt Ion:130 Resp: 5066

Ion Ratio Lower Upper

130 100

95 99.6 80.2 120.4



#38

Methylcyclohexane

Concen: 5.11 ug/l

RT: 7.441 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

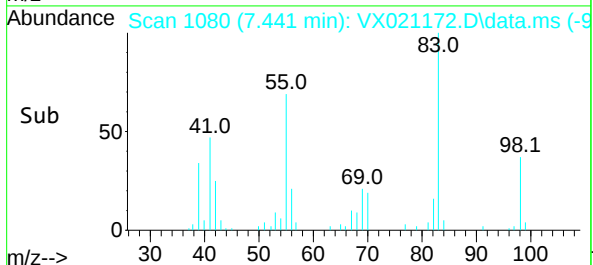
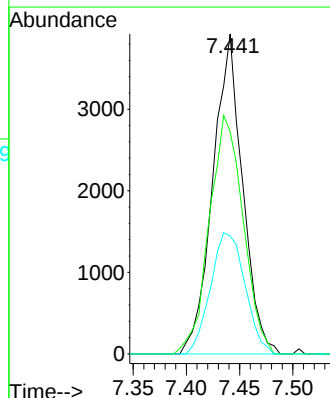
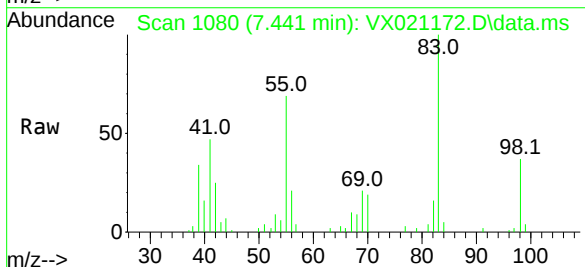
Tgt Ion: 83 Resp: 7612

Ion Ratio Lower Upper

83 100

55 84.6 37.4 112.1

98 43.9 24.7 74.1



Instrument :

MSVOA_X

ClientSampleId :

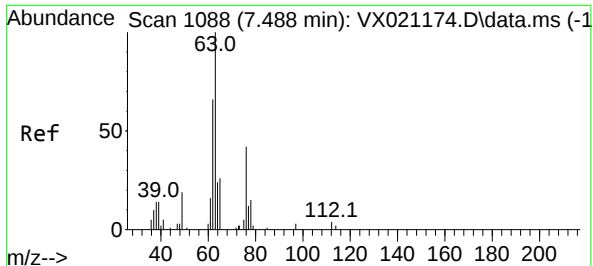
VSTDIC005

Manual Integrations

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#39

1,2-Dichloropropane

Concen: 5.65 ug/l

RT: 7.488 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

Tgt Ion: 63 Resp: 5143

Ion Ratio Lower Upper

63 100

65 27.2 25.6 38.4

Instrument :

MSVOA_X

ClientSampleId :

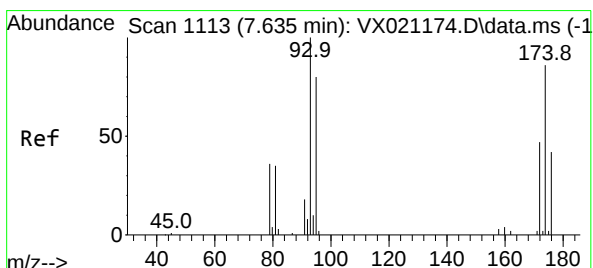
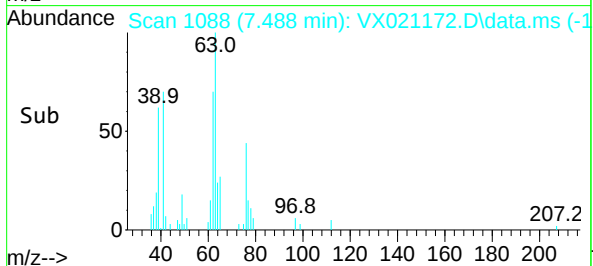
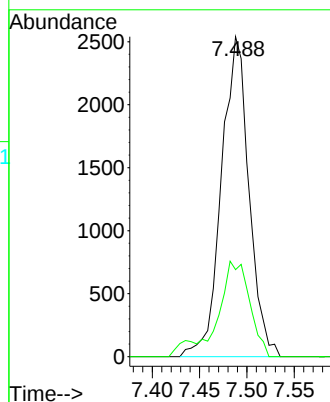
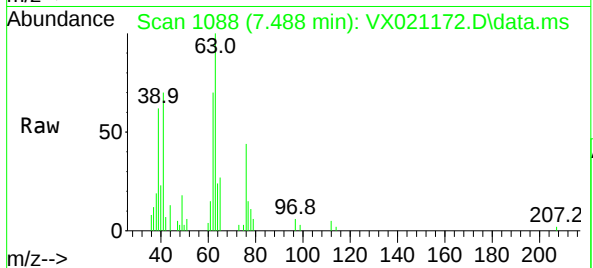
VSTDIC005

Manual Integrations

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#40

Dibromomethane

Concen: 5.97 ug/l

RT: 7.635 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

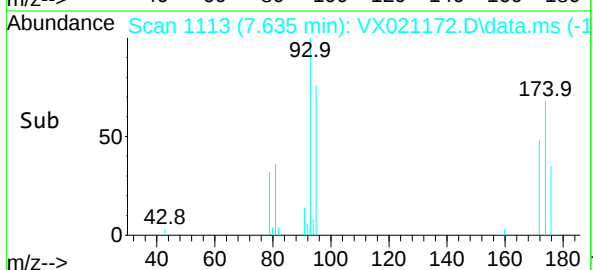
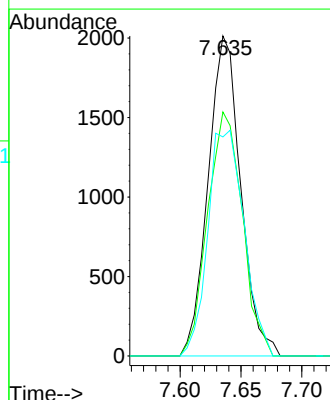
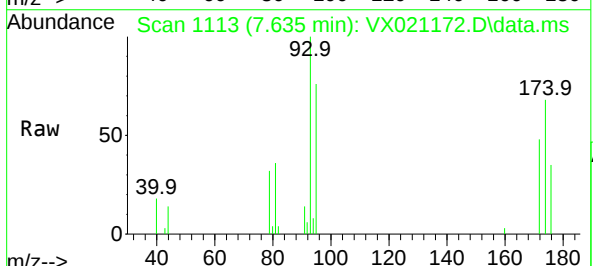
Tgt Ion: 93 Resp: 3752

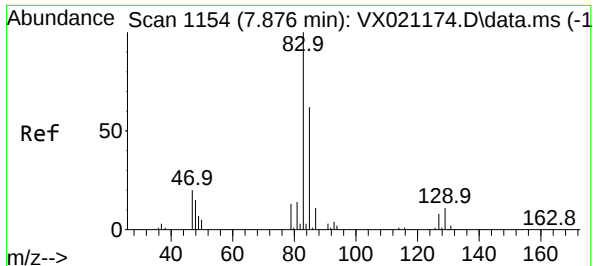
Ion Ratio Lower Upper

93 100

95 81.1 0.0 167.4

174 78.5 0.0 211.8





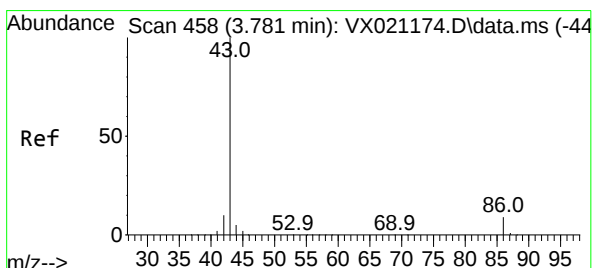
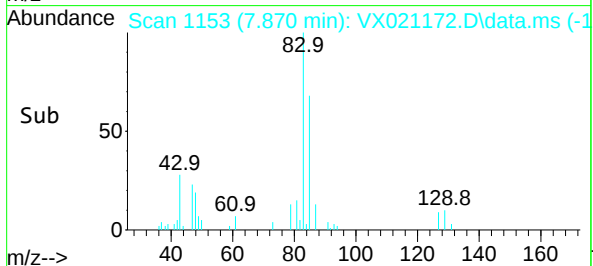
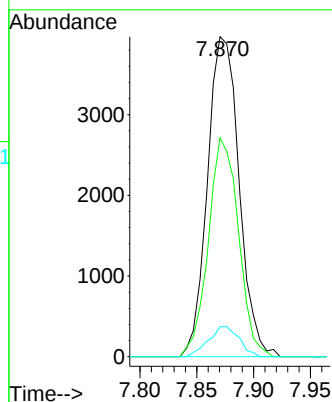
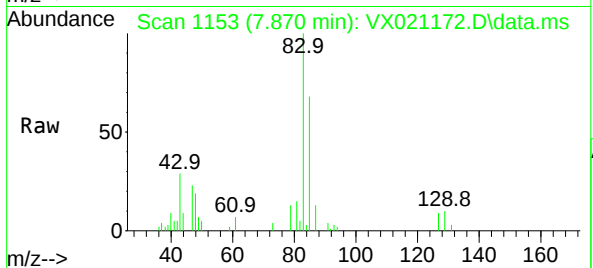
#41
Bromodichloromethane
Concen: 5.85 ug/l
RT: 7.870 min Scan# 1153
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 83 Resp: 7681
Ion Ratio Lower Upper
83 100
85 68.4 51.4 77.0
127 9.3 7.1 10.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

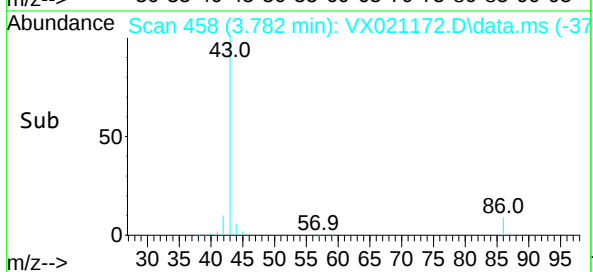
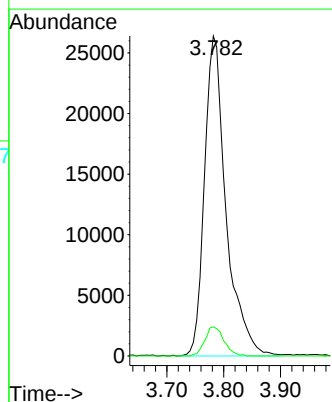
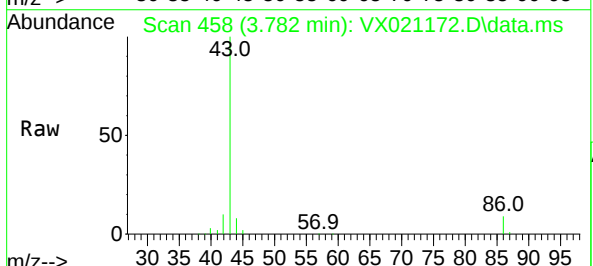
Manual Integrations
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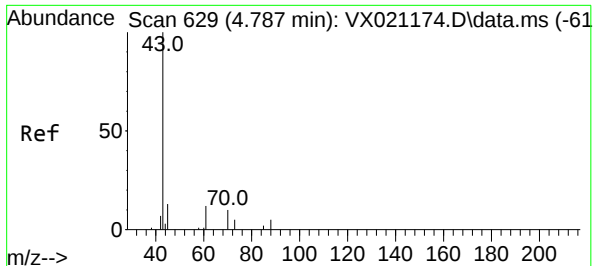
MMDadoda
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#42
Vinyl Acetate
Concen: 30.29 ug/l
RT: 3.782 min Scan# 458
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 43 Resp: 69649
Ion Ratio Lower Upper
43 100
86 8.0 9.0 13.4#





#43

Ethyl Acetate

Concen: 6.37 ug/l

RT: 4.794 min Scan# 630

Delta R.T. 0.006 min

Lab File: VX021172.D

Acq: 12 Mar 2021 10:16

Tgt Ion: 43 Resp: 7556

Ion Ratio Lower Upper

43 100

45 5.4 12.2 18.4#

Instrument :

MSVOA_X

ClientSampleId :

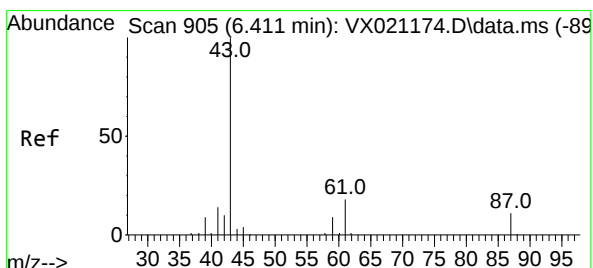
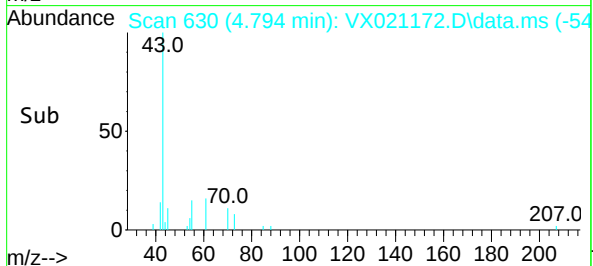
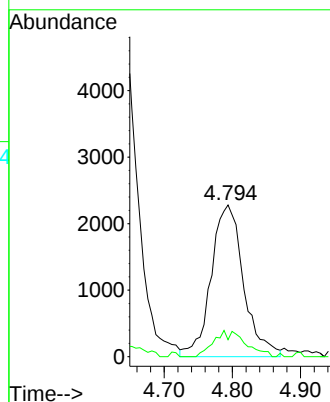
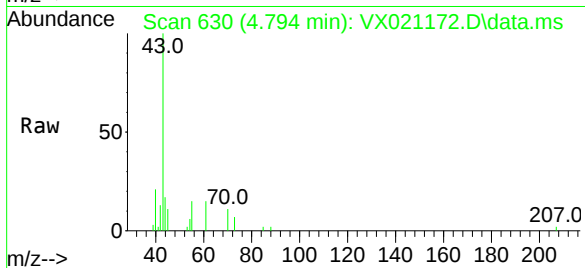
VSTDIC005

Manual Integrations

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#44

Isopropyl Acetate

Concen: 5.95 ug/l

RT: 6.411 min Scan# 905

Delta R.T. 0.000 min

Lab File: VX021172.D

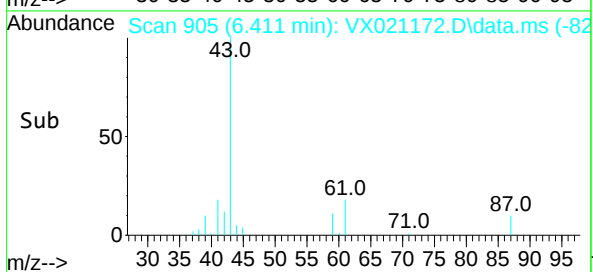
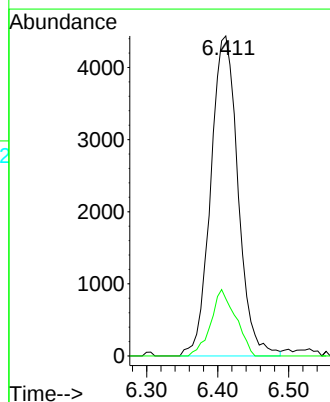
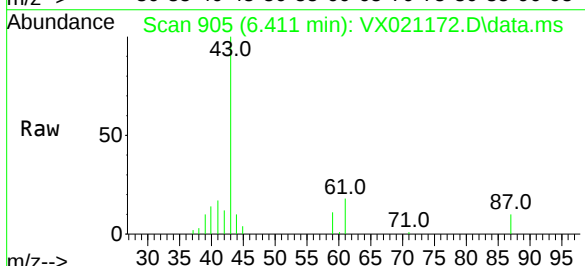
Acq: 12 Mar 2021 10:16

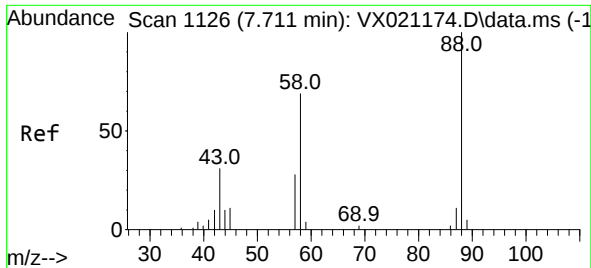
Tgt Ion: 43 Resp: 11854

Ion Ratio Lower Upper

43 100

61 18.9 18.1 27.1





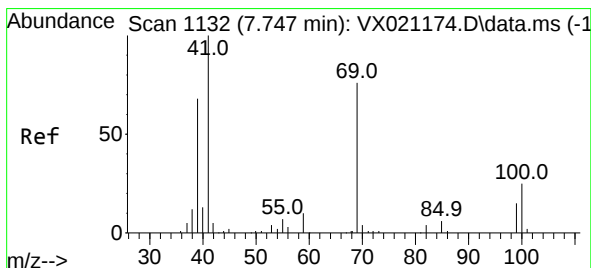
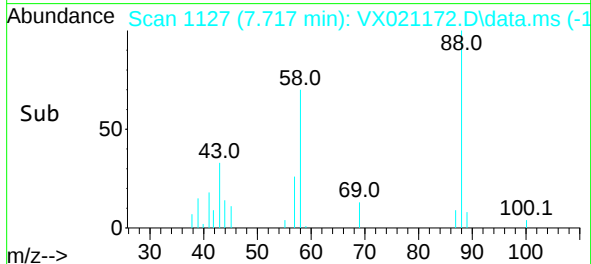
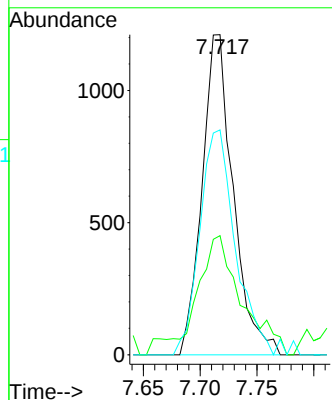
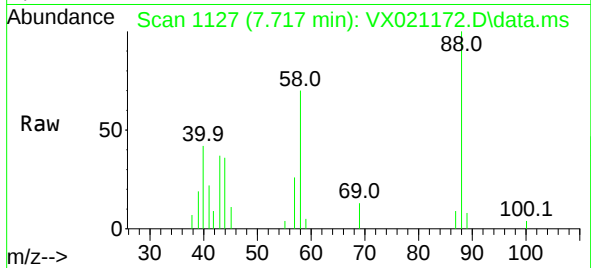
#45
1,4-Dioxane
Concen: 103.77 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 88 Resp: 2307
Ion Ratio Lower Upper
88 100
43 36.6 22.2 33.2#
58 80.1 53.9 80.9

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

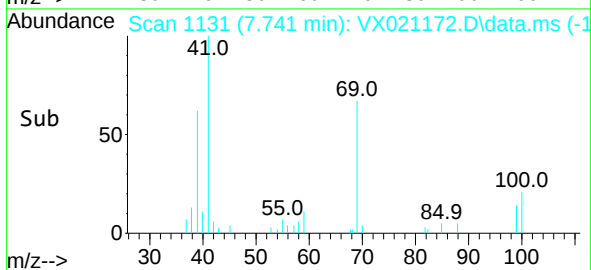
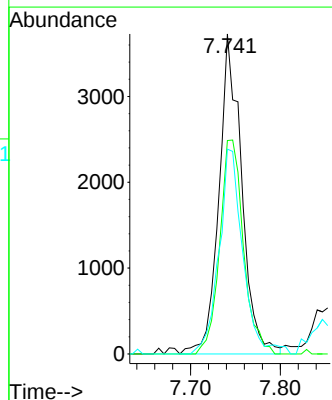
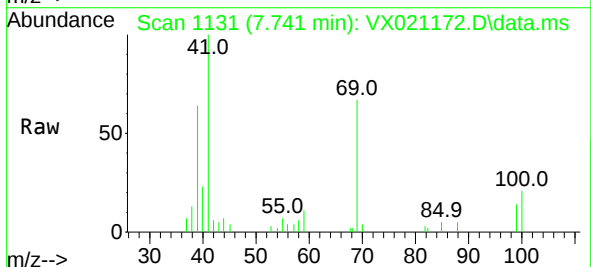
Manual Integrations
APPROVED

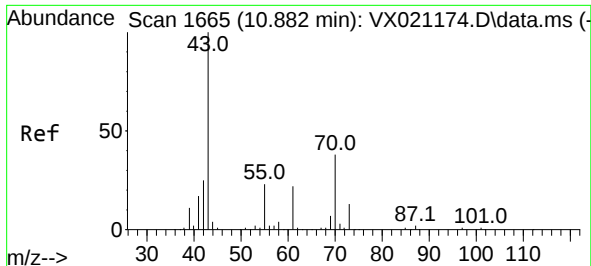
MMDadoda
3/15/2021 3:18:38 PM



#46
Methyl methacrylate
Concen: 6.48 ug/l
RT: 7.741 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 41 Resp: 6533
Ion Ratio Lower Upper
41 100
69 66.7 46.9 140.6
39 64.0 28.0 83.9





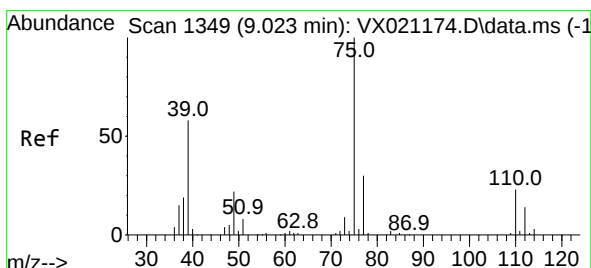
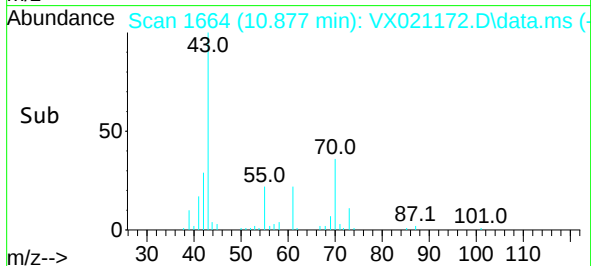
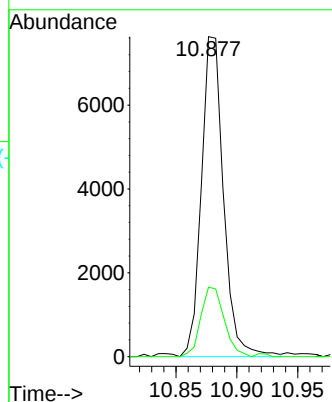
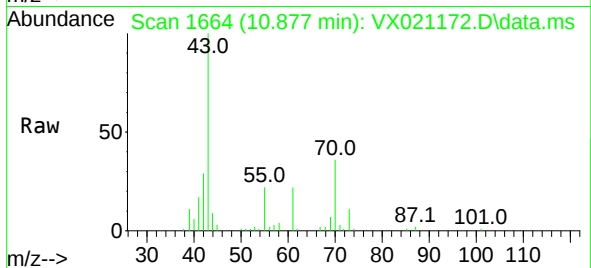
#47
n-amyl Acetate
Concen: 5.75 ug/l
RT: 10.877 min Scan# 1664
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 43 Resp: 9641
Ion Ratio Lower Upper
43 100
55 22.9 21.8 32.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

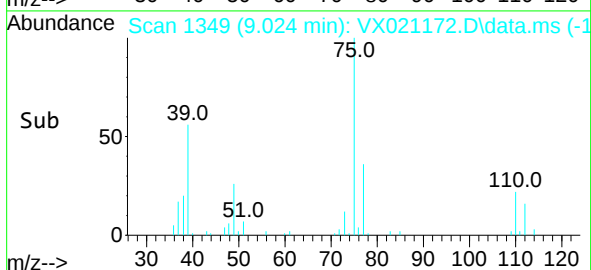
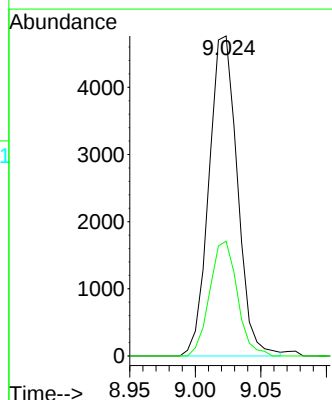
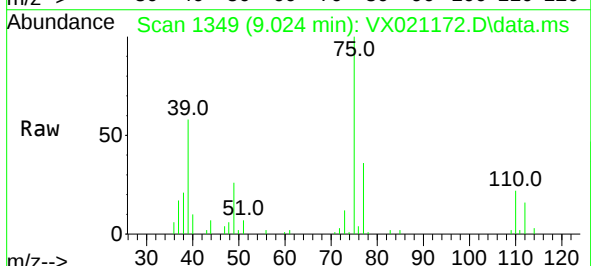
Manual Integrations
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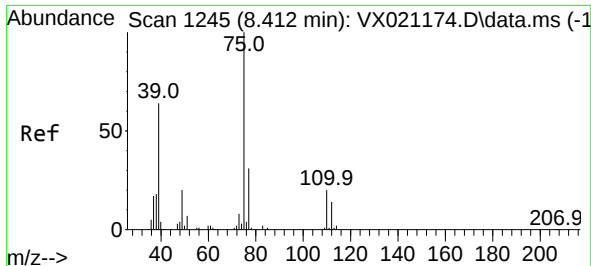
MMDadoda
3/15/2021 3:18:38 PM



#48
t-1,3-Dichloropropene
Concen: 5.00 ug/l
RT: 9.024 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 75 Resp: 7186
Ion Ratio Lower Upper
75 100
77 35.9 25.0 37.6





#49

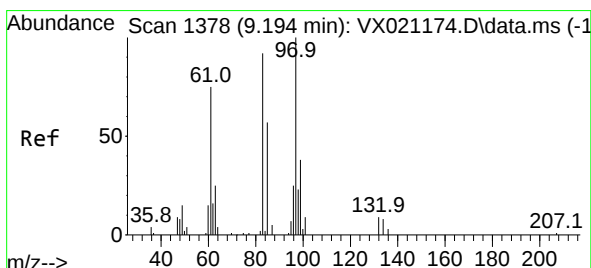
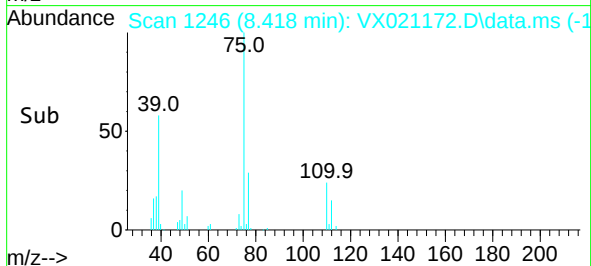
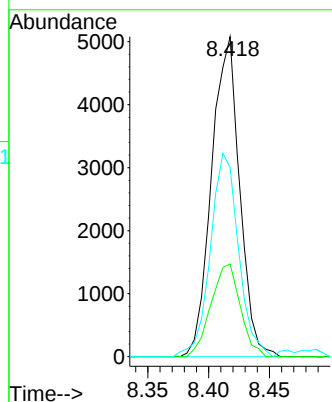
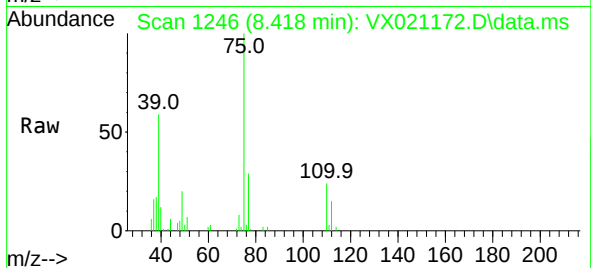
cis-1,3-Dichloropropene
Concen: 5.22 ug/l
RT: 8.418 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:	75	Resp:	8141
Ion	Ratio	Lower	Upper
75	100		
77	29.0	24.4	36.6
39	57.6	35.4	53.0#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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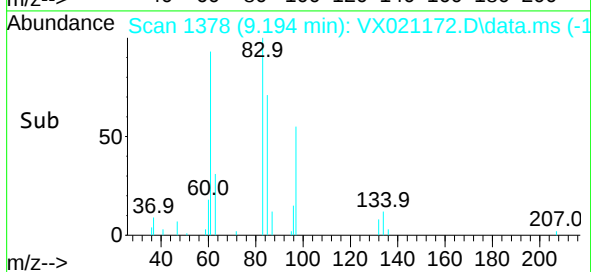
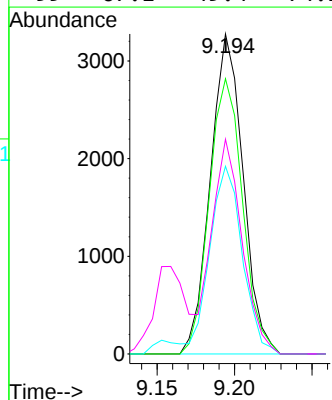
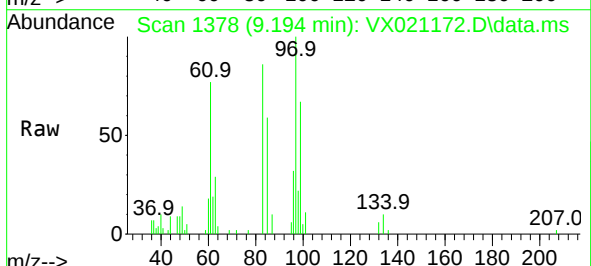
MMDadoda
3/15/2021 3:18:38 PM

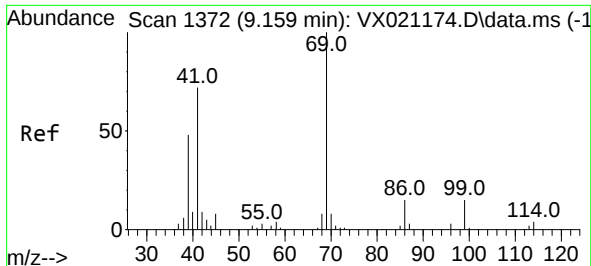


#50

1,1,2-Trichloroethane
Concen: 5.33 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:	97	Resp:	4805
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.5	102.7
85	58.7	43.8	65.6
99	67.1	49.4	74.2





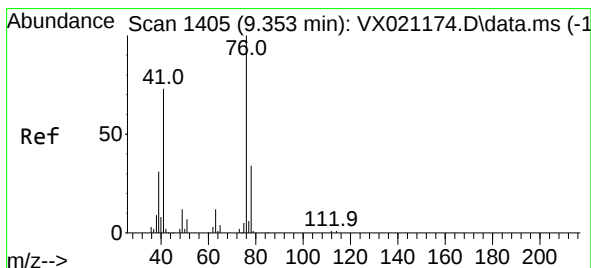
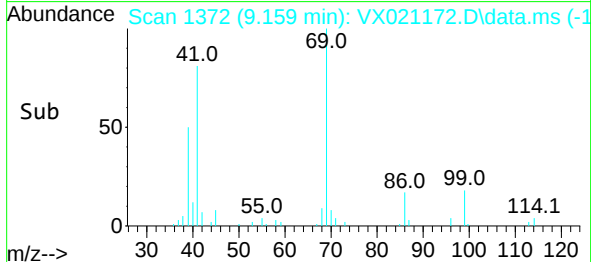
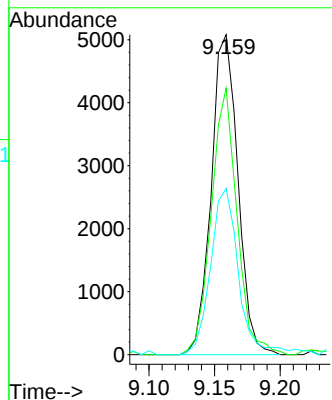
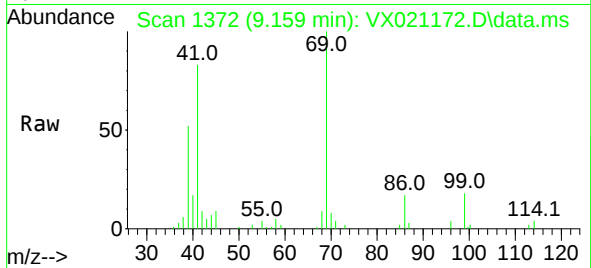
#51
Ethyl methacrylate
Concen: 5.04 ug/l
RT: 9.159 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	83.3	29.1	87.4
39	52.0	15.4	46.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

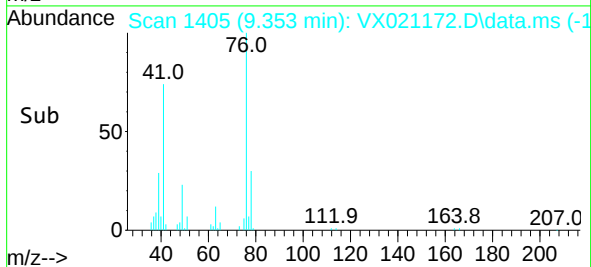
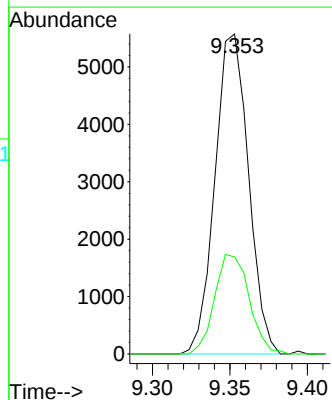
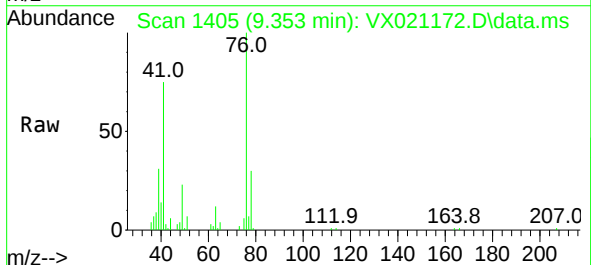
Manual Integrations
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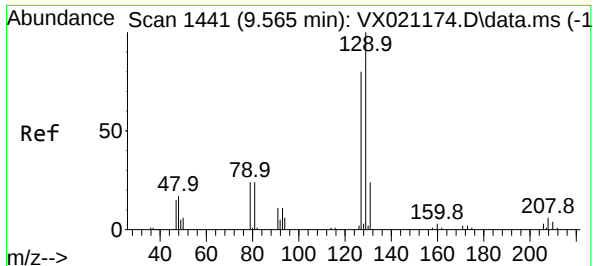
MMDadoda
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#52
1,3-Dichloropropane
Concen: 5.45 ug/l
RT: 9.353 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	66.0





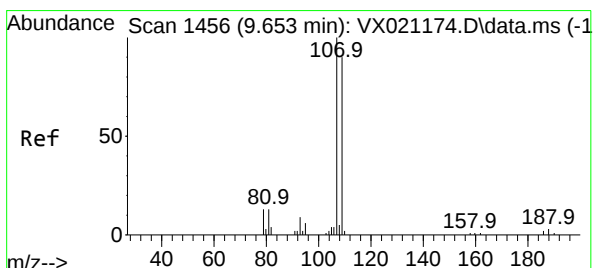
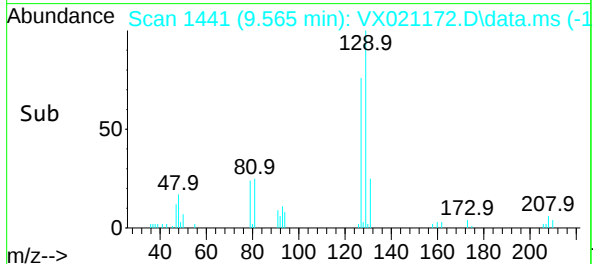
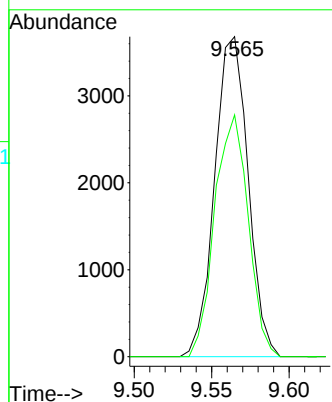
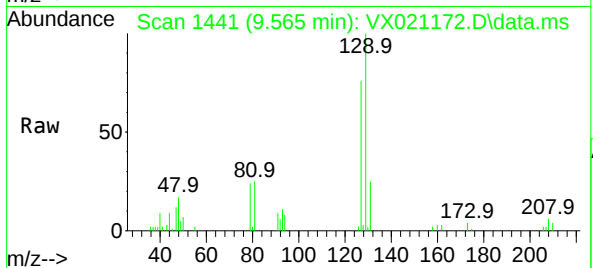
#53
Dibromochloromethane
Concen: 5.66 ug/l
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:129 Resp: 5524
Ion Ratio Lower Upper
129 100
127 75.5 38.4 115.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

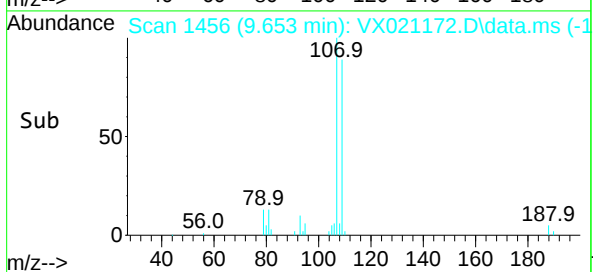
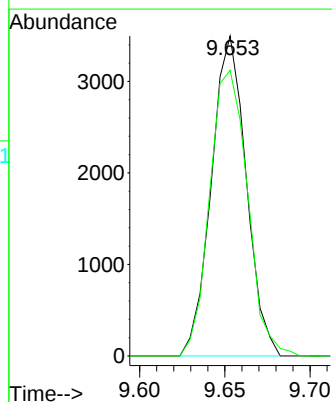
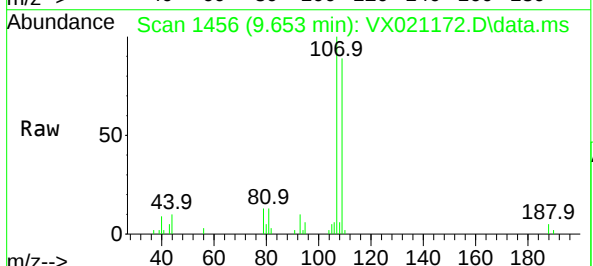
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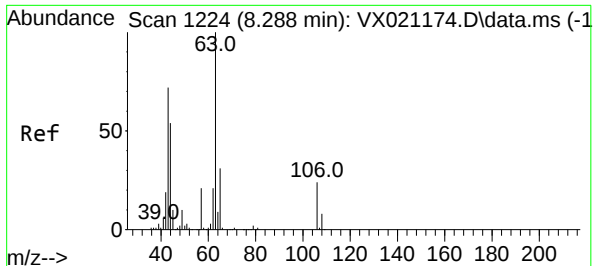
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#54
1,2-Dibromoethane
Concen: 5.25 ug/l
RT: 9.653 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:107 Resp: 4966
Ion Ratio Lower Upper
107 100
109 97.1 73.6 110.4





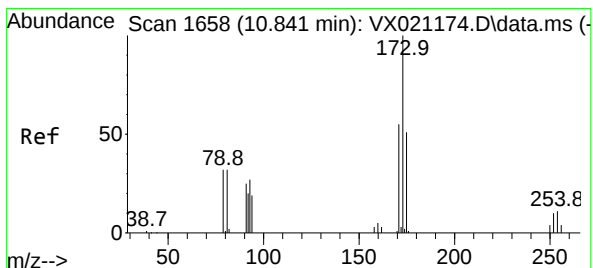
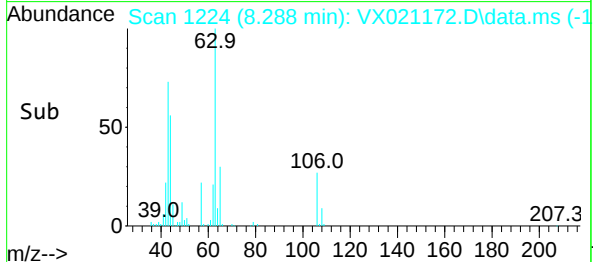
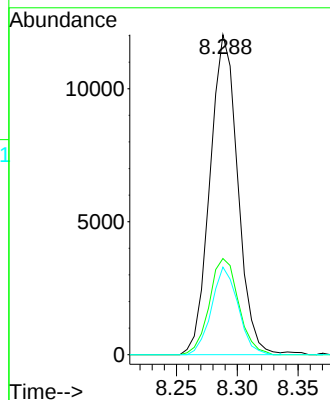
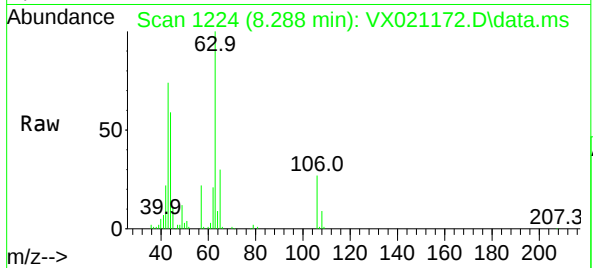
#55
2-Chloroethyl vinyl ether
Concen: 27.60 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:	63	Resp:	19084
Ion Ratio	Lower	Upper	
63	100		
65	31.6	25.9	38.9
106	26.2	23.9	35.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

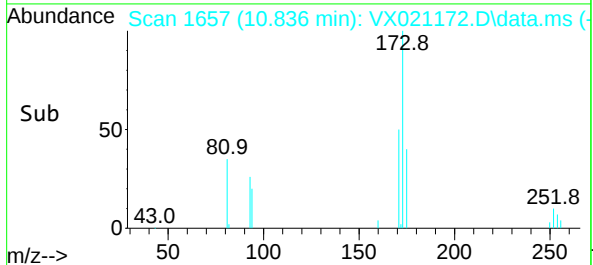
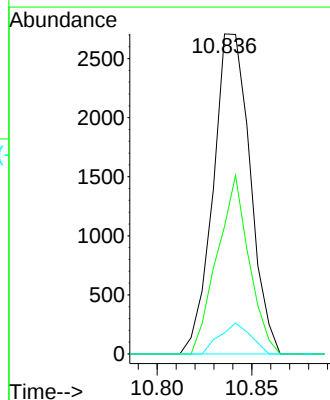
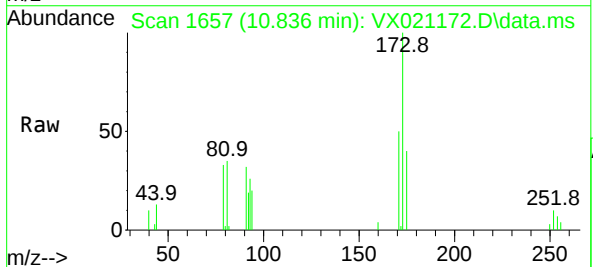
Manual Integrations
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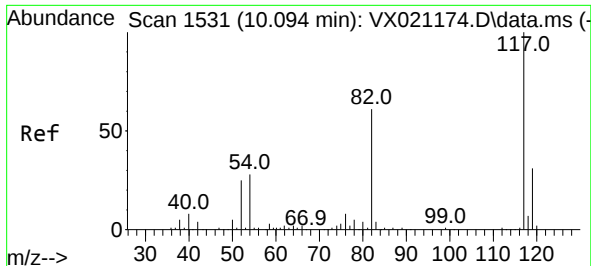
MMDadoda
3/15/2021 3:18:38 PM



#56
Bromoform
Concen: 5.39 ug/l
RT: 10.836 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

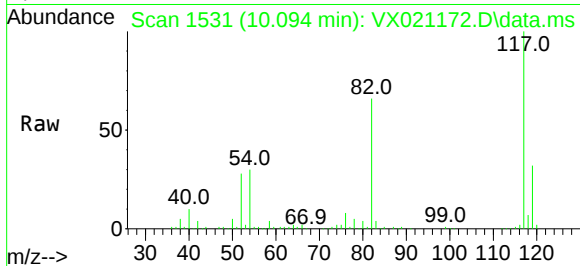
Tgt Ion:	173	Resp:	3679
Ion Ratio	Lower	Upper	
173	100		
175	47.9	38.1	57.1
254	8.1	8.2	12.4#





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

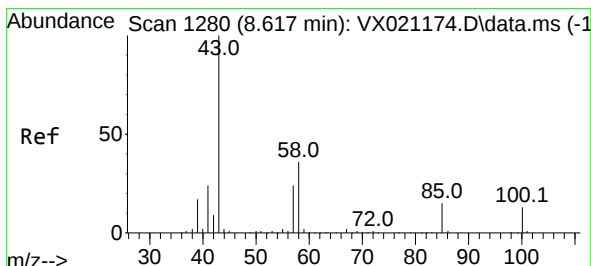
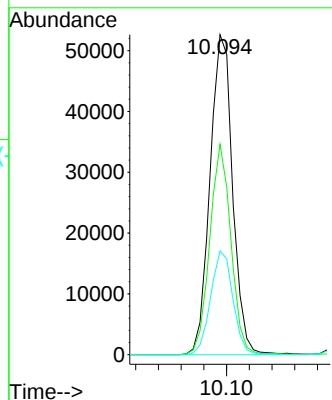
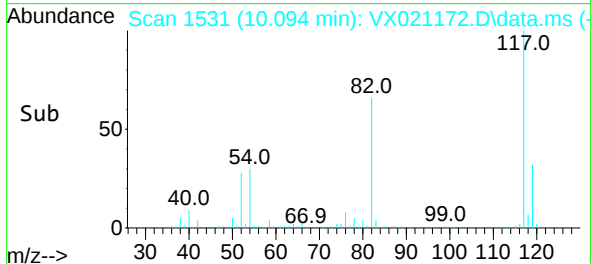
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



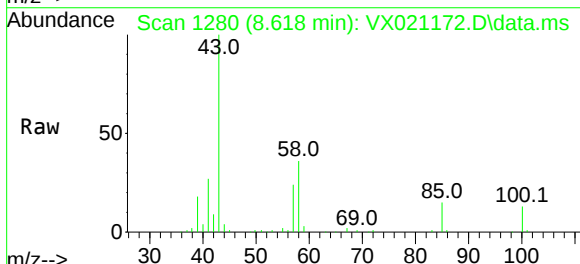
Tgt Ion: 117 Resp: 72686
Ion Ratio Lower Upper
117 100
82 61.5 45.0 67.6
119 32.0 25.6 38.4

Manual Integrations
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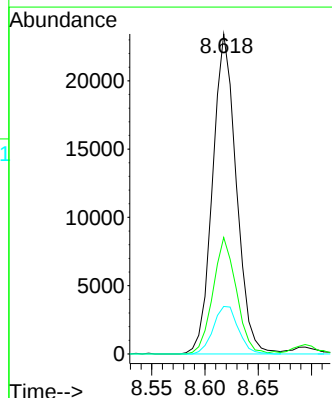
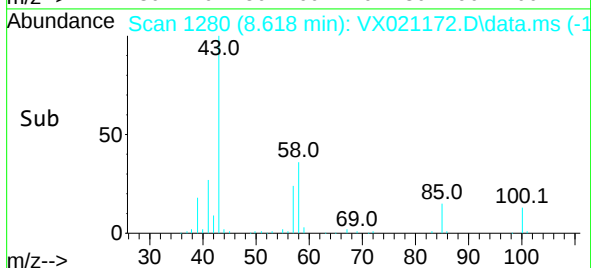
MMDadoda
3/15/2021 3:18:38 PM

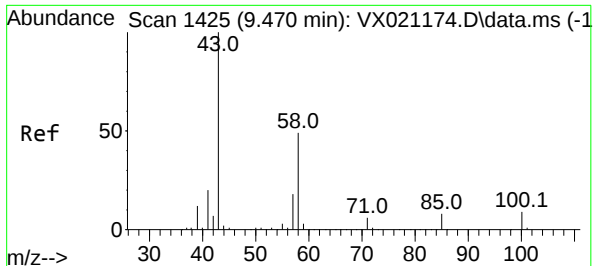


#58
4-Methyl-2-Pentanone
Concen: 29.58 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



Tgt Ion: 43 Resp: 36257
Ion Ratio Lower Upper
43 100
58 35.9 35.2 52.8
85 15.6 16.8 25.2#





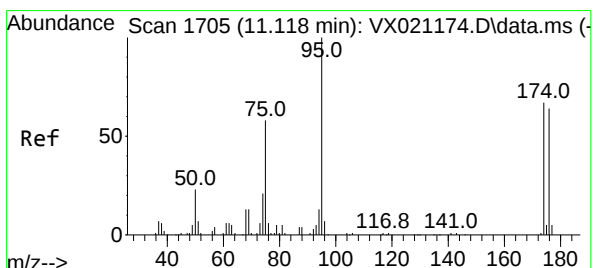
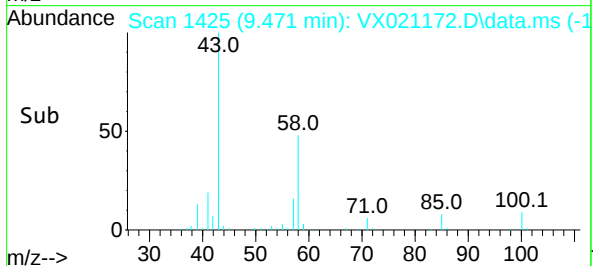
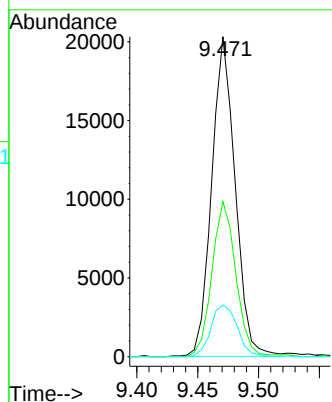
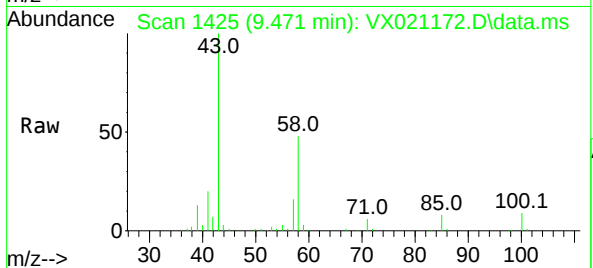
#59
2-Hexanone
Concen: 29.38 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 43 Resp: 27176
Ion Ratio Lower Upper
43 100
58 49.5 49.0 73.6
57 18.2 17.1 25.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

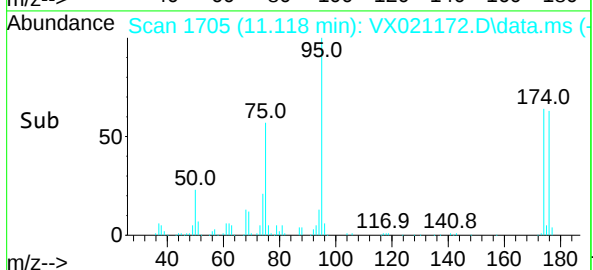
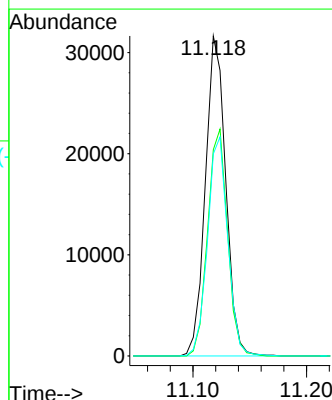
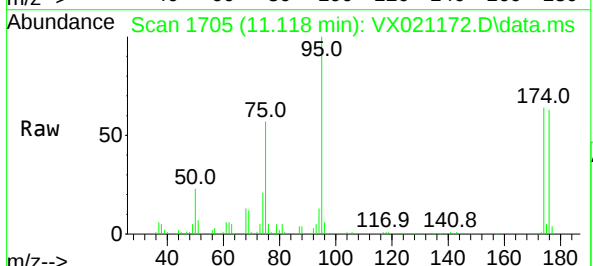
Manual Integrations
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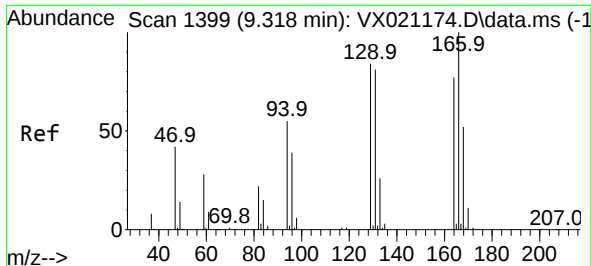
MMDadoda
3/15/2021 3:18:38 PM



#60
4-Bromofluorobenzene
Concen: 32.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

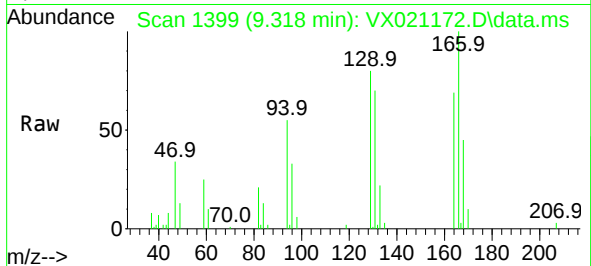
Tgt Ion: 95 Resp: 39417
Ion Ratio Lower Upper
95 100
174 69.1 63.0 94.4
176 67.8 59.9 89.9





#61
Tetrachloroethene
Concen: 5.50 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

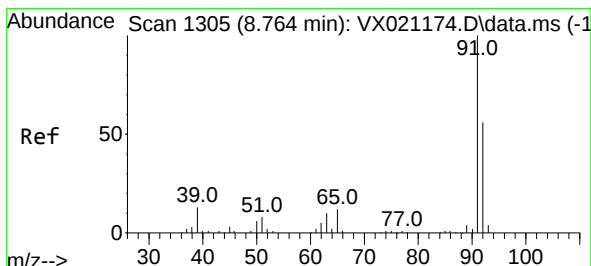
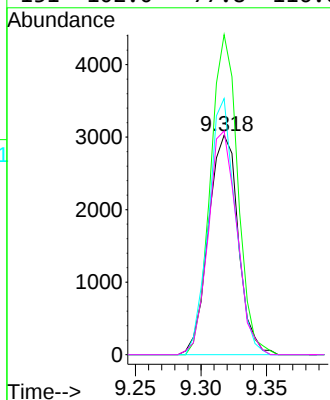
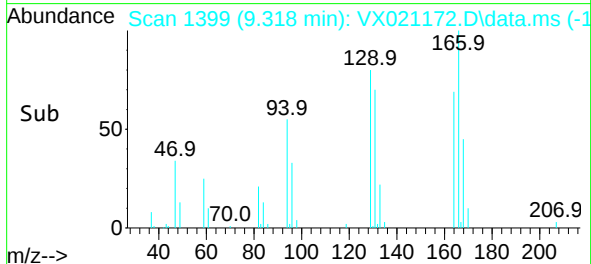
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



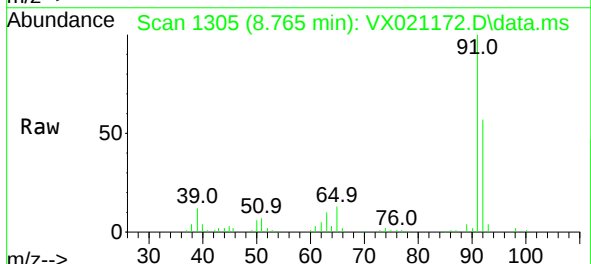
Tgt Ion:164 Resp: 4804
Ion Ratio Lower Upper
164 100
166 145.9 102.8 154.2
129 116.8 75.8 113.8#
131 102.0 77.8 116.6

Manual Integrations
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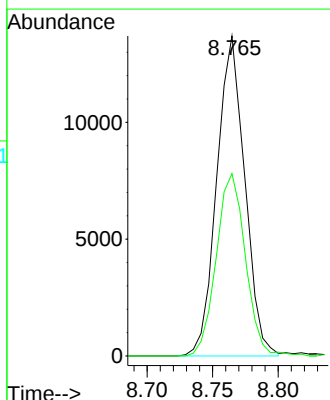
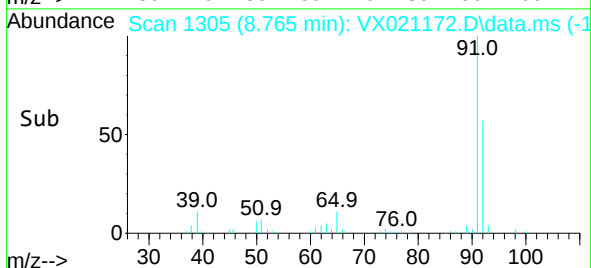
MMDadoda
3/15/2021 3:18:38 PM

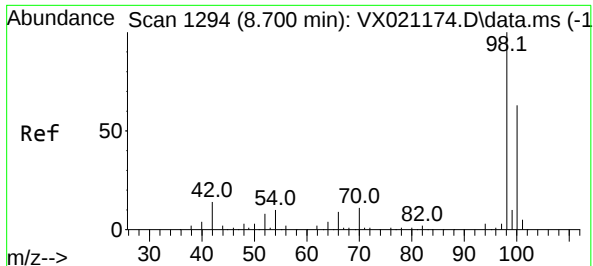


#62
Toluene
Concen: 5.03 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



Tgt Ion: 91 Resp: 20326
Ion Ratio Lower Upper
91 100
92 58.7 47.2 70.8





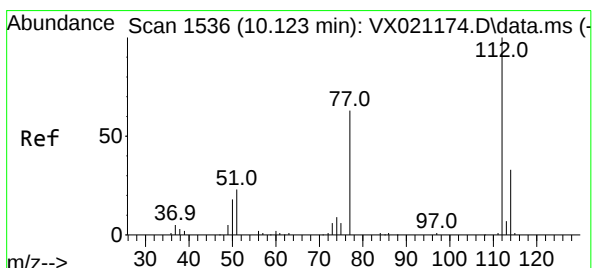
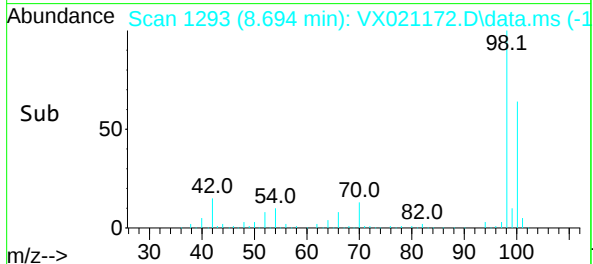
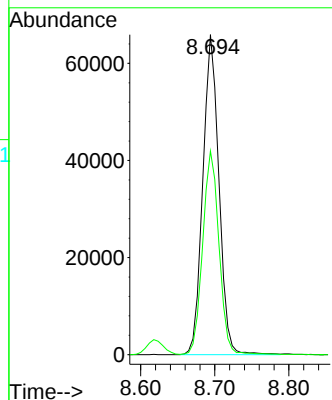
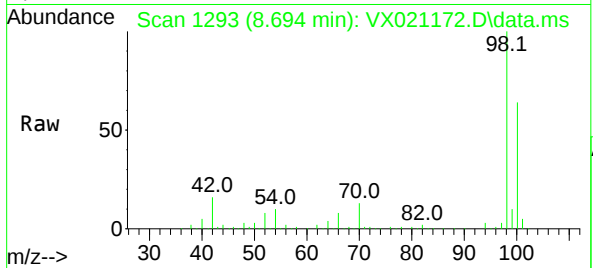
#63
Toluene-d8
Concen: 29.99 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 98 Resp: 99424
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

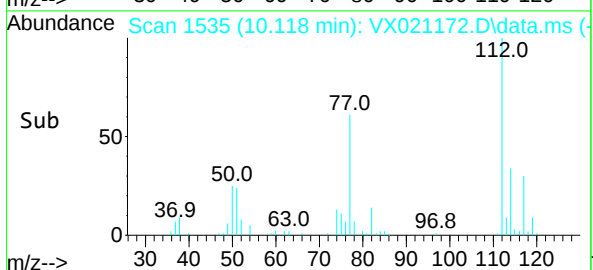
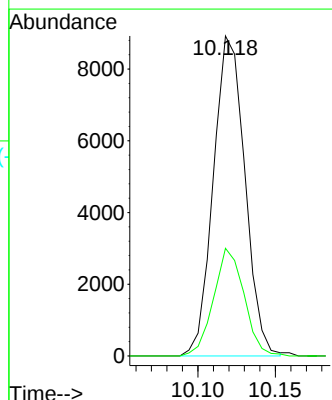
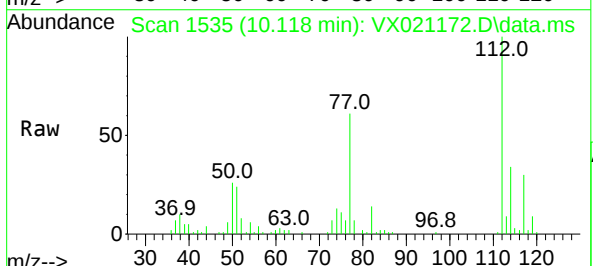
Manual Integrations
APPROVED

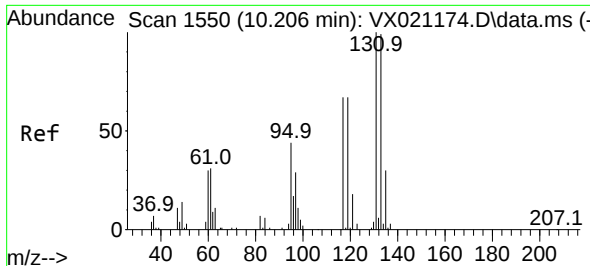
MMDadoda
3/15/2021 3:18:38 PM



#64
Chlorobenzene
Concen: 5.09 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

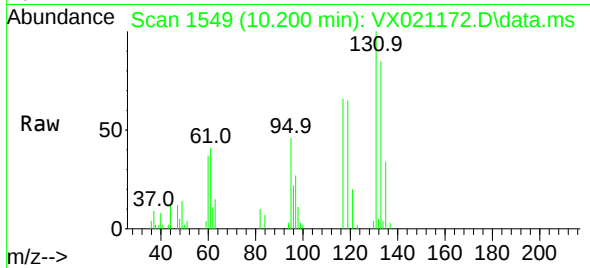
Tgt Ion: 112 Resp: 12634
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 5.20 ug/l
RT: 10.200 min Scan# 1549
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

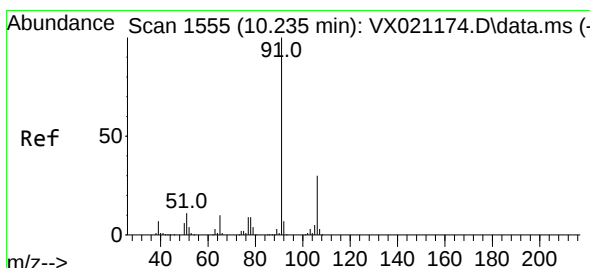
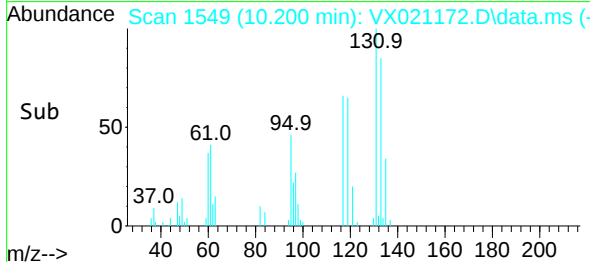
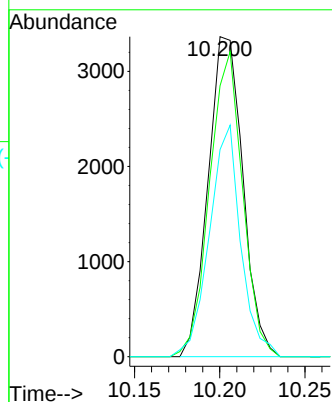
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
131	100		
133	90.6	0.0	189.6
119	65.1	0.0	129.0

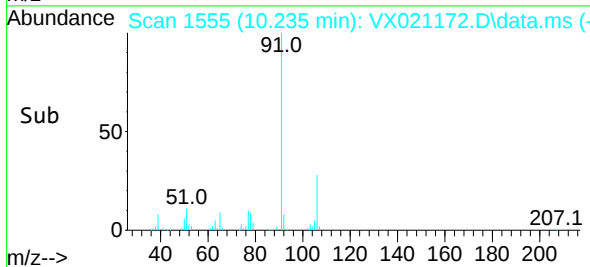
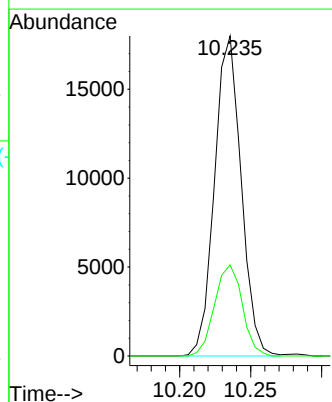
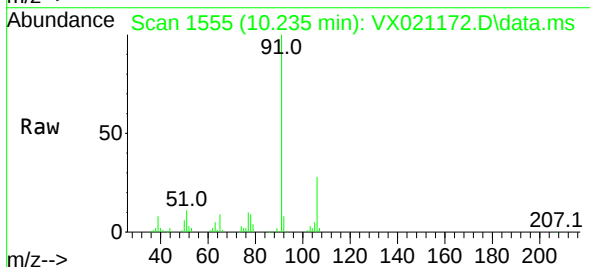
Manual Integrations
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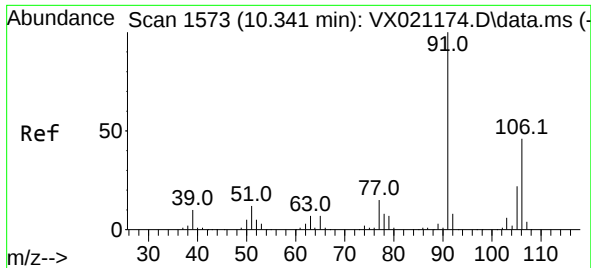
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#66
Ethyl Benzene
Concen: 5.20 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.5	25.0	37.4





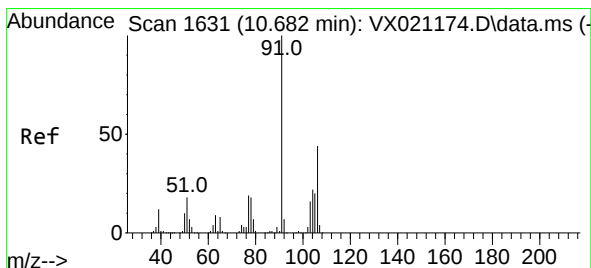
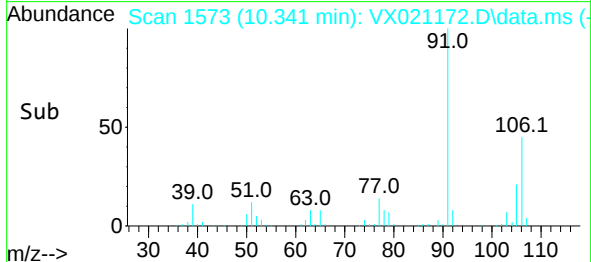
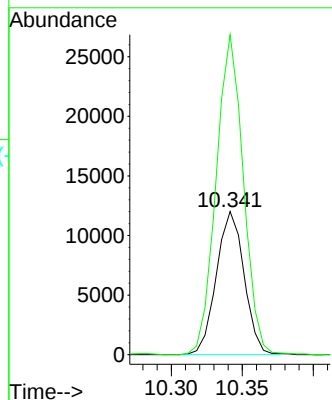
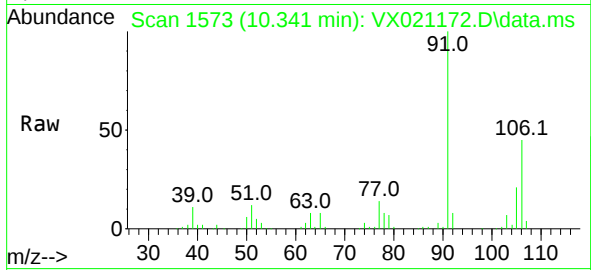
#67
m/p-Xylenes
Concen: 9.80 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:106 Resp: 16355
Ion Ratio Lower Upper
106 100
91 218.9 164.0 246.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

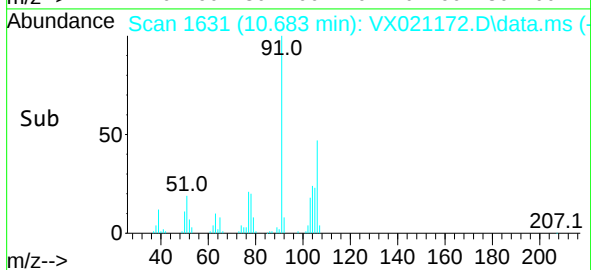
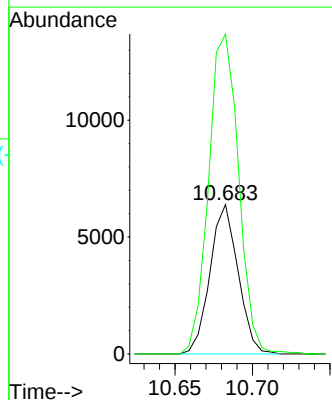
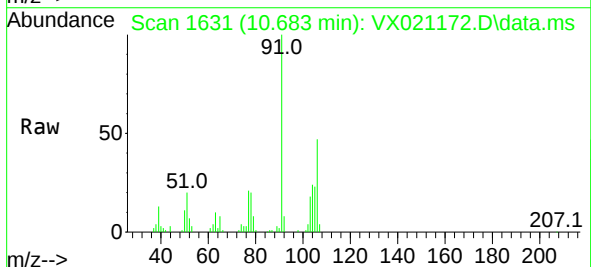
Manual Integrations
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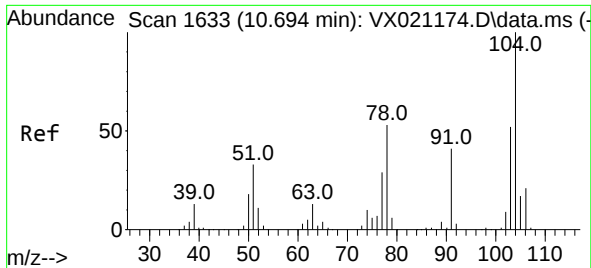
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#68
o-Xylene
Concen: 5.06 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:106 Resp: 8065
Ion Ratio Lower Upper
106 100
91 228.8 106.5 319.6





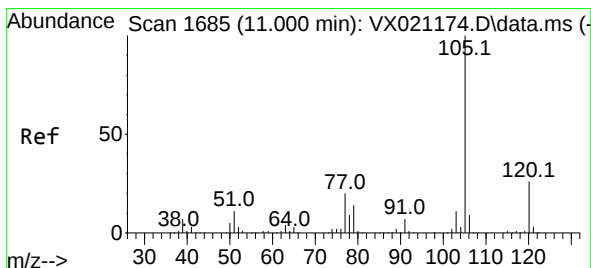
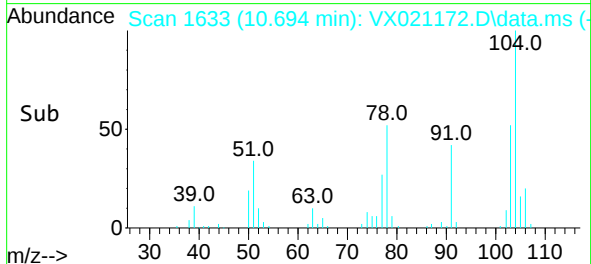
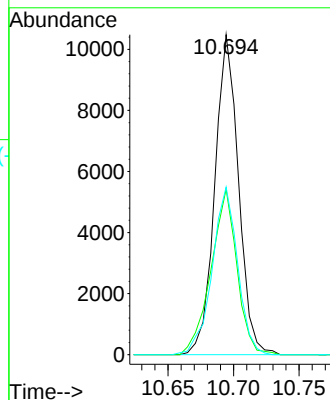
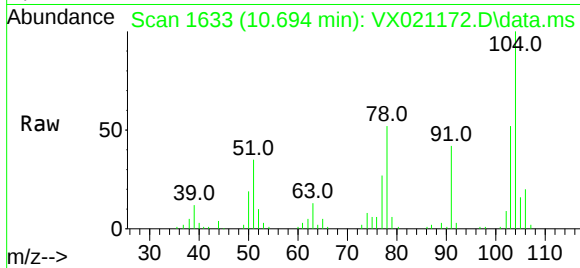
#69
Styrene
Concen: 4.77 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	56.6	39.2	58.8
103	56.3	43.0	64.4

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

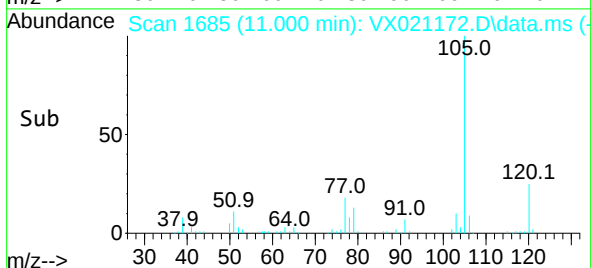
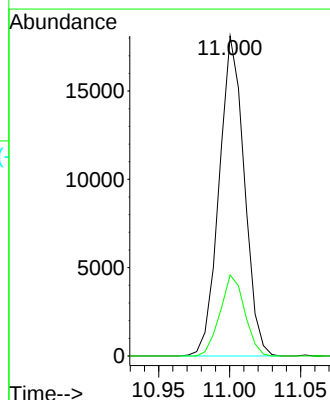
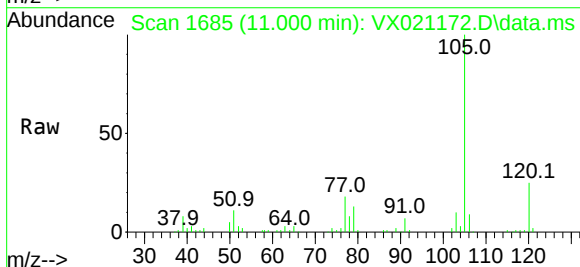
Manual Integrations
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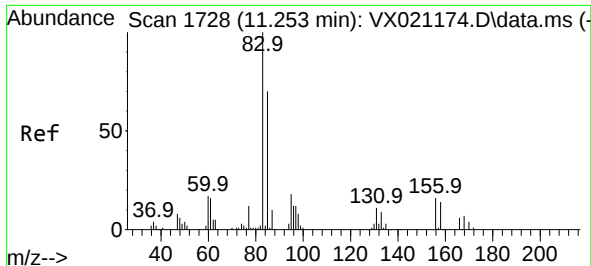
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#70
Isopropylbenzene
Concen: 5.17 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.7	18.4	34.2





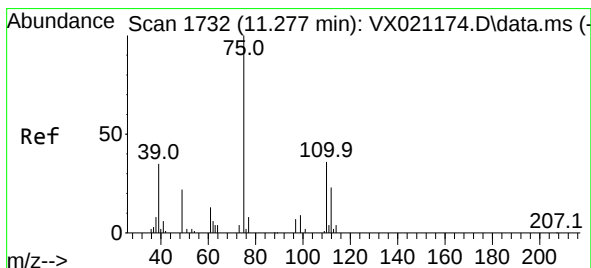
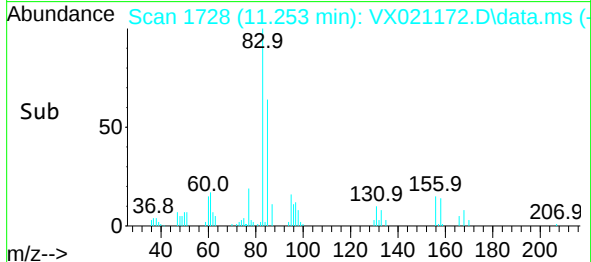
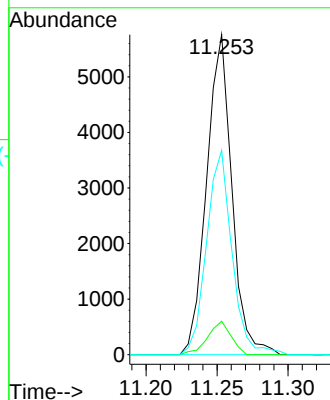
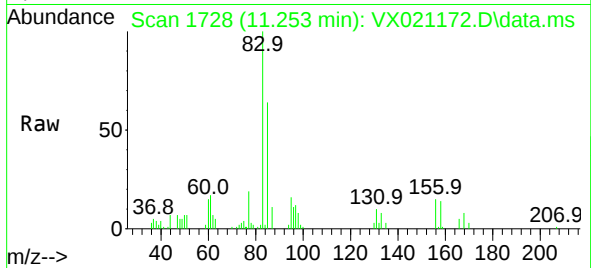
#71
1,1,2,2-Tetrachloroethane
Concen: 5.27 ug/l
RT: 11.253 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.1	15.3
85	64.3	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

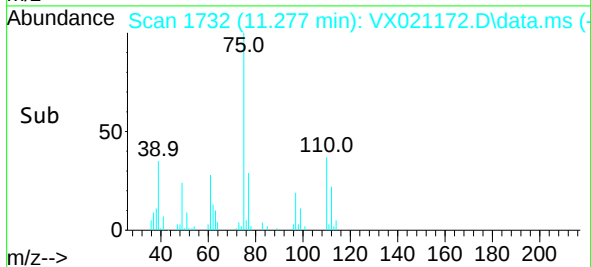
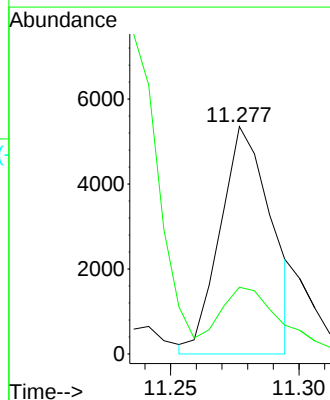
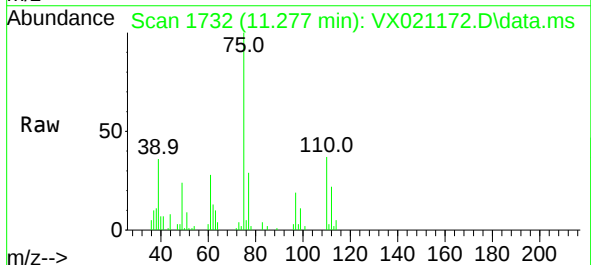
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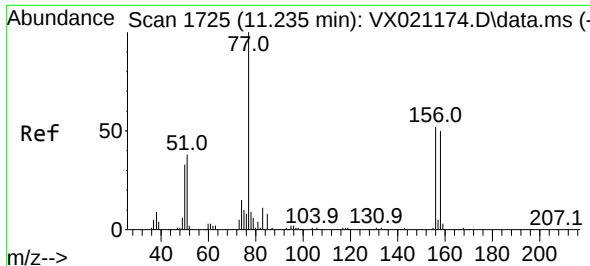
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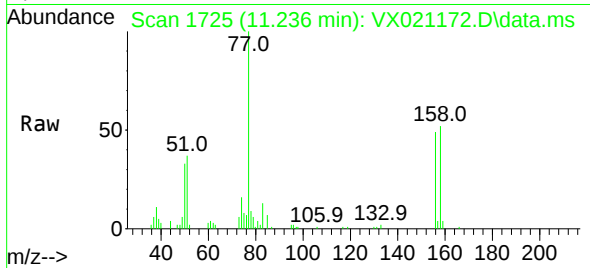
#72
1,2,3-Trichloropropane
Concen: 5.99 ug/l m
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.7	0.0	74.6

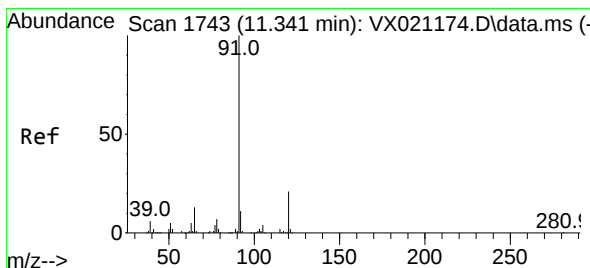
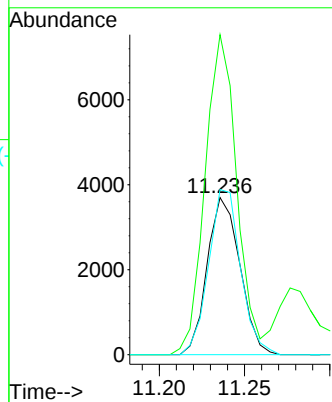
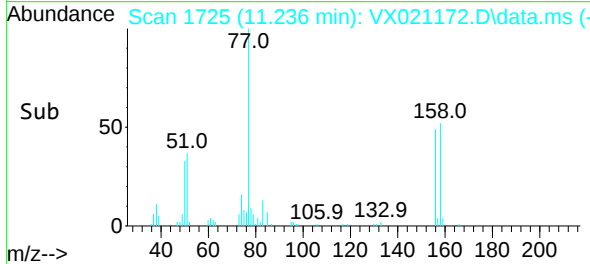




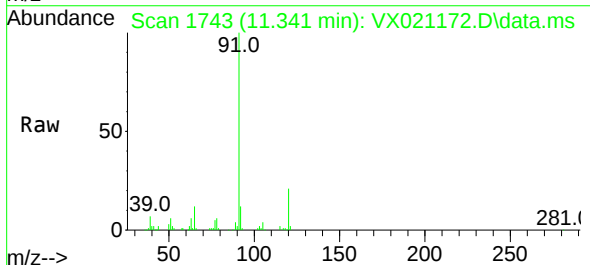
#73
Bromobenzene
Concen: 4.88 ug/l
RT: 11.236 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



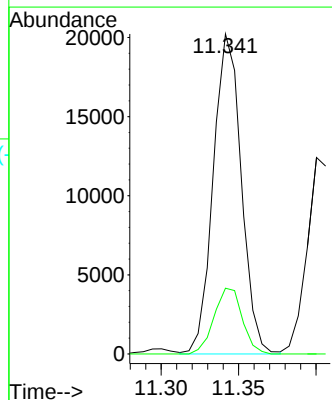
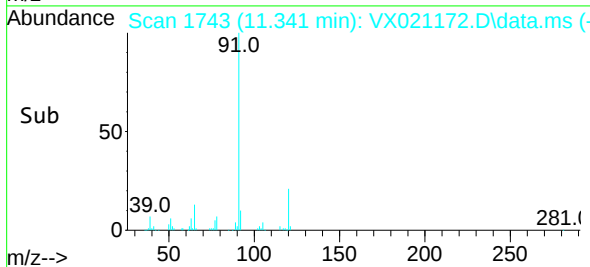
Tgt Ion: 156 Resp: 4941
Ion Ratio Lower Upper
156 100
77 196.0 0.0 324.8
158 102.8 0.0 192.0



#74
n-propylbenzene
Concen: 5.15 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



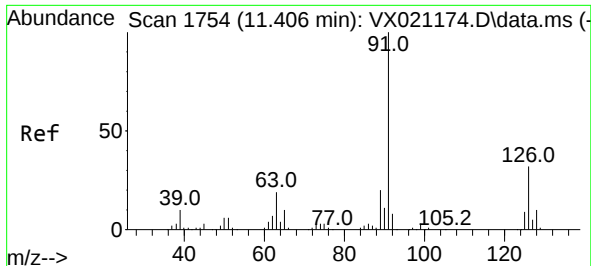
Tgt Ion: 91 Resp: 25457
Ion Ratio Lower Upper
91 100
120 20.7 0.0 45.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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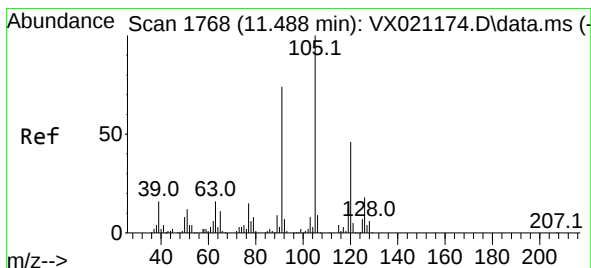
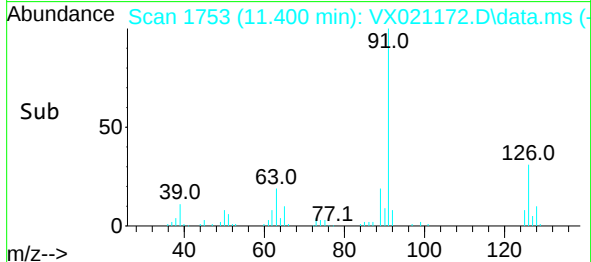
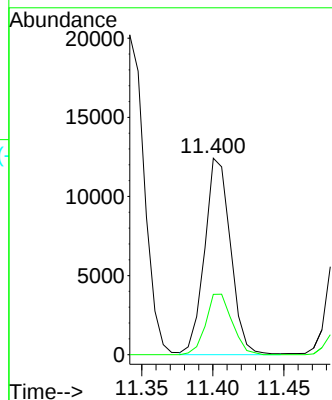
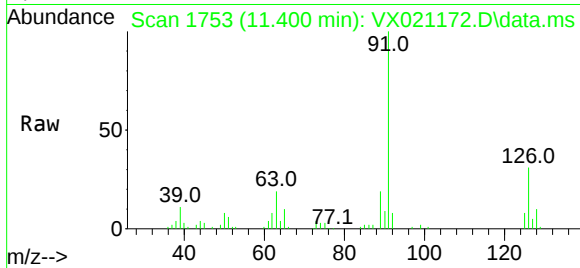
#75
2-Chlorotoluene
Concen: 5.34 ug/l
RT: 11.400 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 91 Resp: 15797
Ion Ratio Lower Upper
91 100
126 31.2 0.0 66.6

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

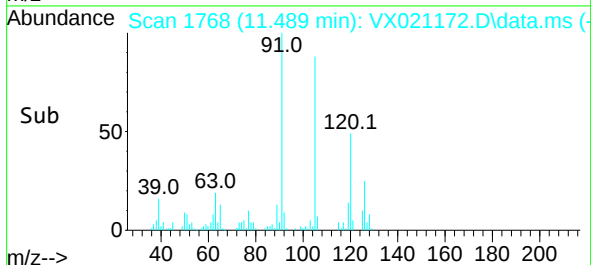
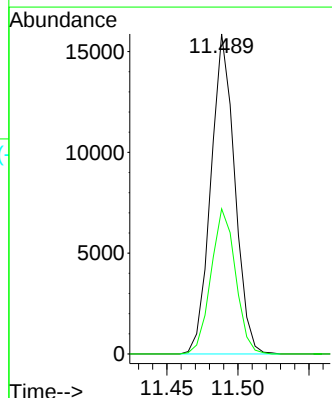
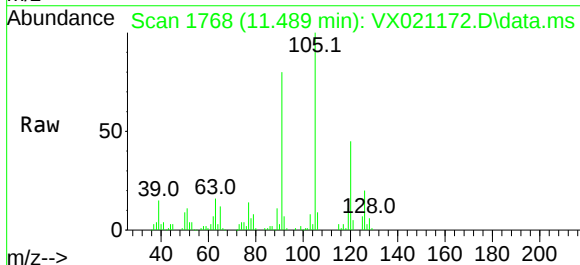
Manual Integrations
APPROVED

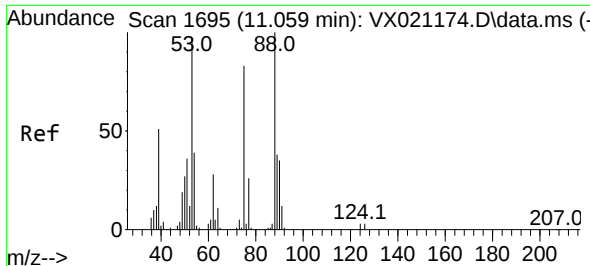
MMDadoda
3/15/2021 3:18:38 PM



#76
1,3,5-Trimethylbenzene
Concen: 5.20 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

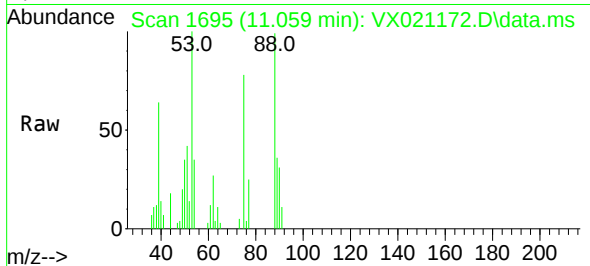
Tgt Ion: 105 Resp: 18502
Ion Ratio Lower Upper
105 100
120 46.7 0.0 96.2



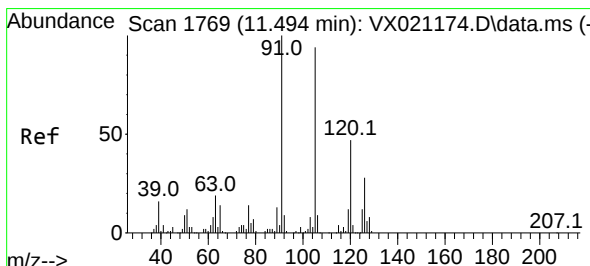
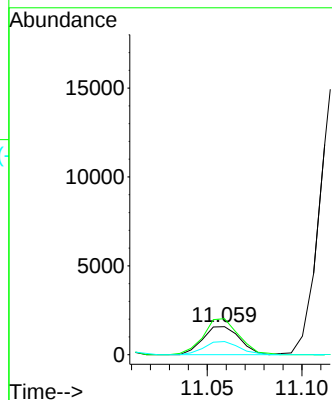
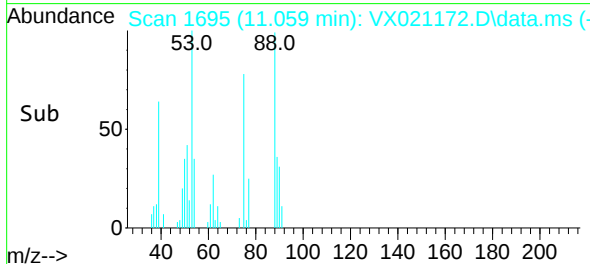


#77
t-1,4-Dichloro-2-butene
Concen: 4.31 ug/l
RT: 11.059 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

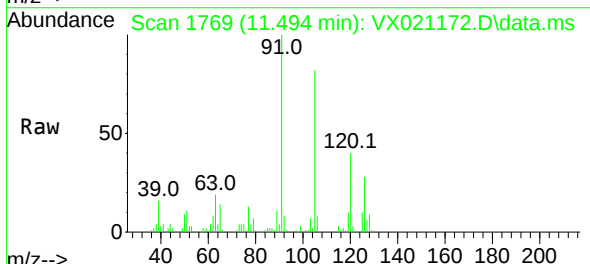
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



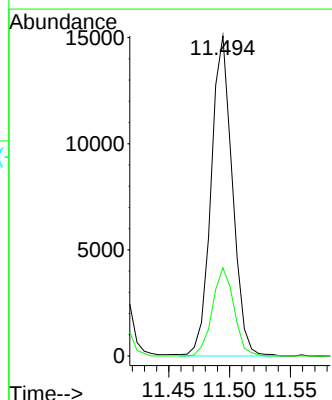
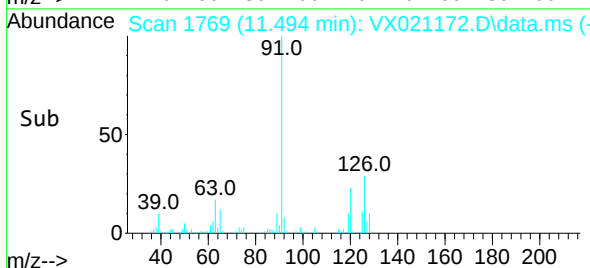
Tgt Ion: 75 Resp: 2149
Ion Ratio Lower Upper
75 100
53 128.2 48.4 145.0
89 46.8 22.7 68.0

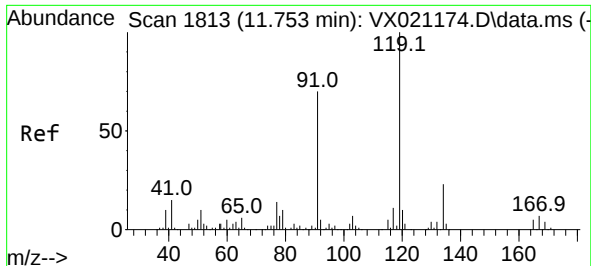


#78
4-Chlorotoluene
Concen: 5.38 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



Tgt Ion: 91 Resp: 18312
Ion Ratio Lower Upper
91 100
126 27.8 0.0 57.8





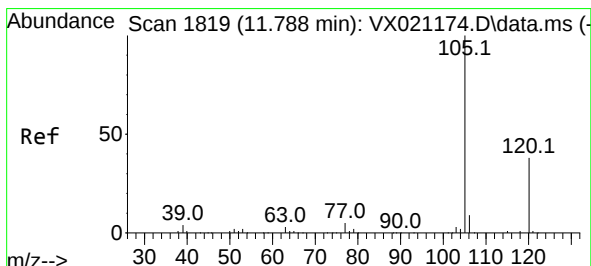
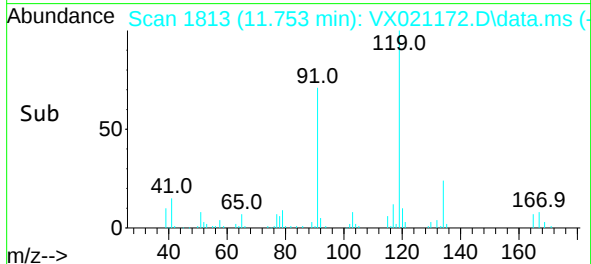
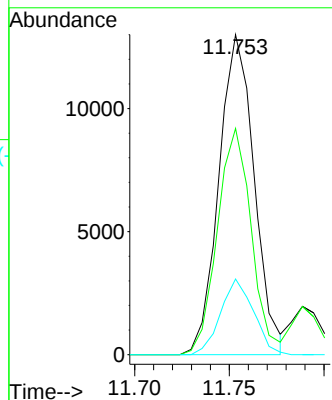
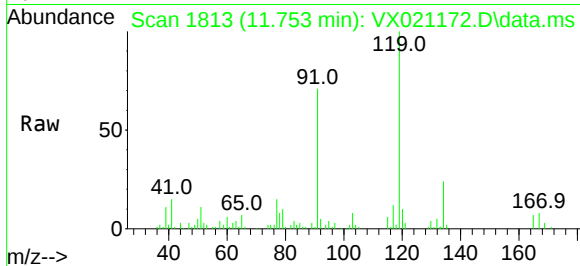
#79
tert-butylbenzene
Concen: 4.97 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:119 Resp: 16910
Ion Ratio Lower Upper
119 100
91 67.9 0.0 118.0
134 22.0 0.0 48.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

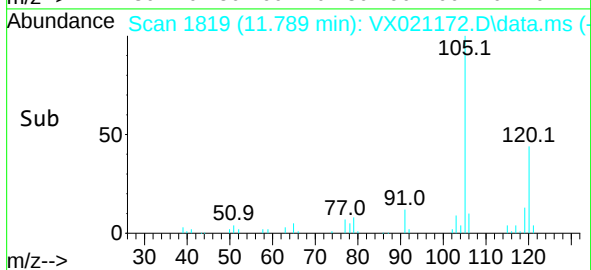
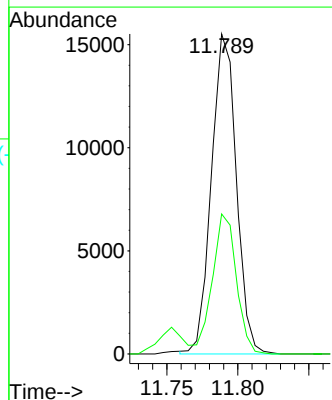
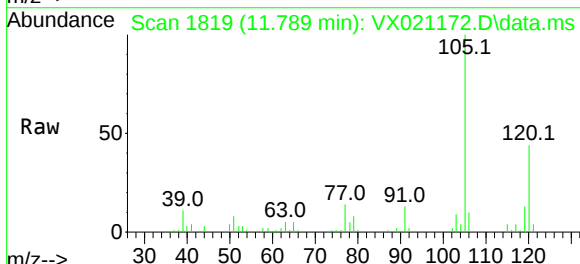
Manual Integrations
APPROVED

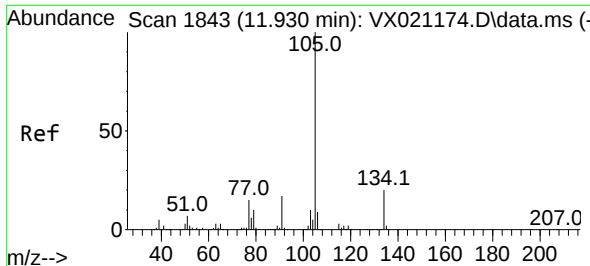
MMDadoda
3/15/2021 3:18:38 PM



#80
1,2,4-Trimethylbenzene
Concen: 5.25 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

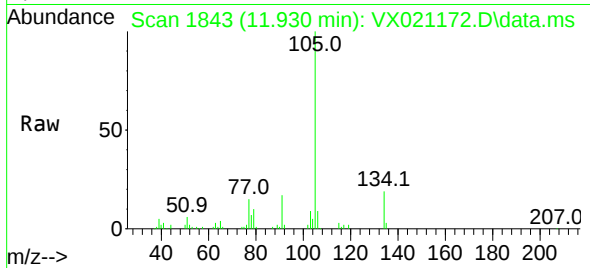
Tgt Ion:105 Resp: 18910
Ion Ratio Lower Upper
105 100
120 42.5 0.0 89.8





#81
 sec-Butylbenzene
 Concen: 4.93 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: VX021172.D
 Acq: 12 Mar 2021 10:16

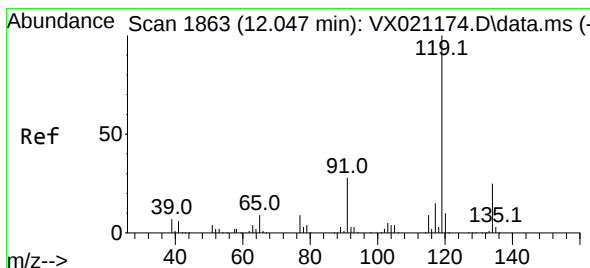
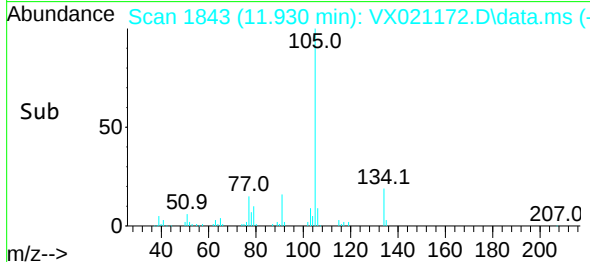
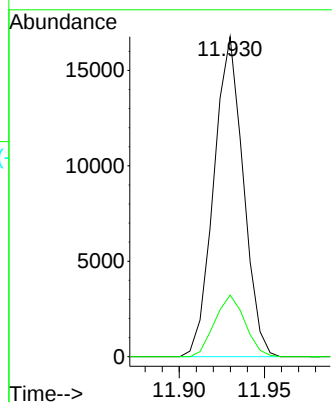
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



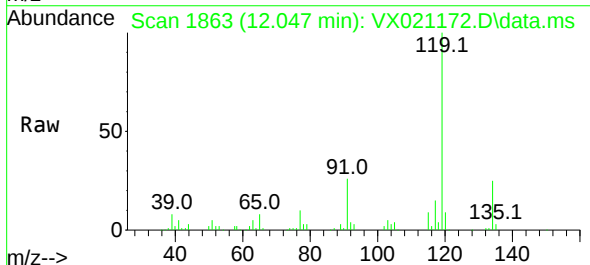
Tgt Ion:105 Resp: 20200
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.6

Manual Integrations
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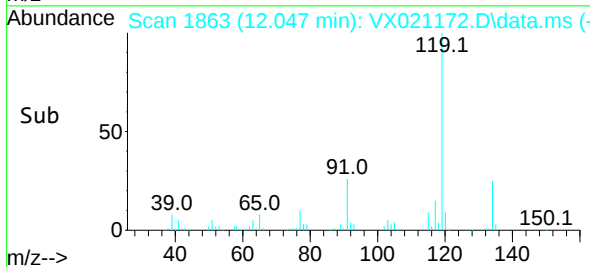
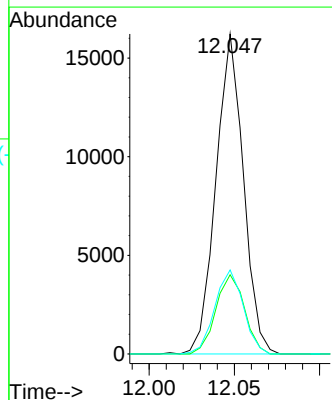
MMDadoda
 3/15/2021 3:18:38 PM

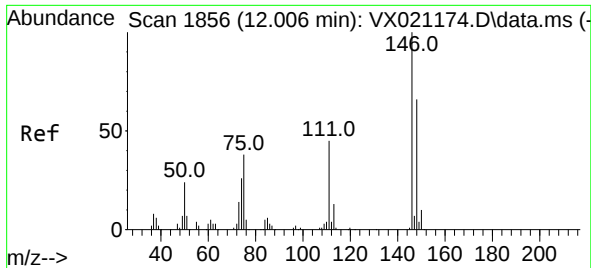


#82
 p-Isopropyltoluene
 Concen: 4.90 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021172.D
 Acq: 12 Mar 2021 10:16



Tgt Ion:119 Resp: 18172
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.8
 91 27.3 0.0 47.4





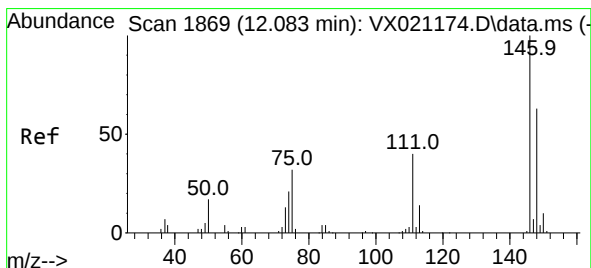
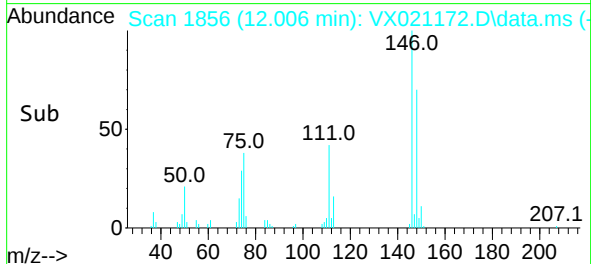
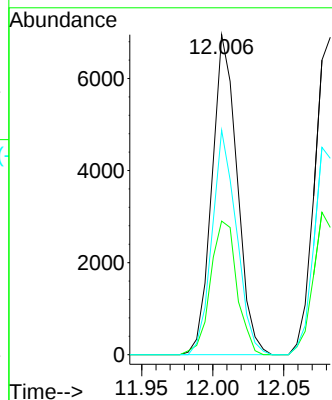
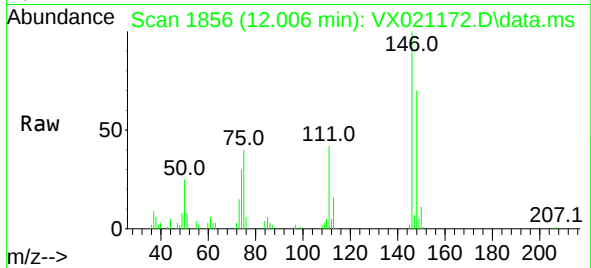
#83
1,3-Dichlorobenzene
Concen: 4.65 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:146	Resp:	8564
Ion Ratio	Lower	Upper
146	100	
111	43.6	20.3 60.9
148	67.9	31.9 95.9

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

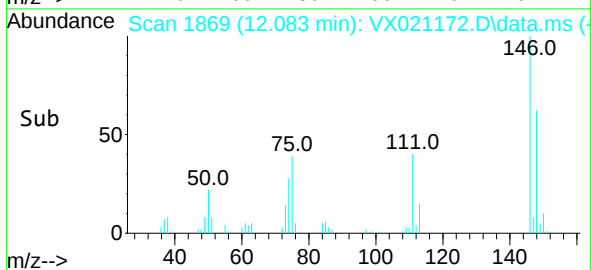
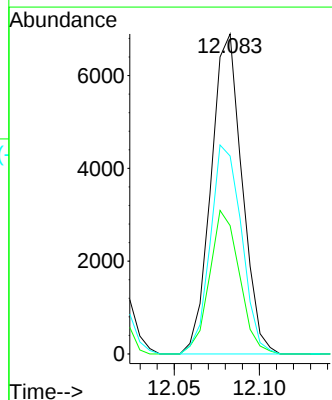
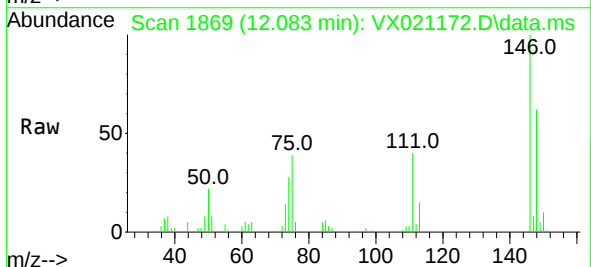
Manual Integrations
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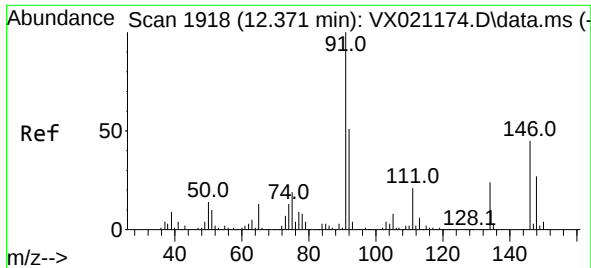
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#84
1,4-Dichlorobenzene
Concen: 4.82 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion:146	Resp:	8734
Ion Ratio	Lower	Upper
146	100	
111	43.2	19.1 57.3
148	65.9	31.9 95.5





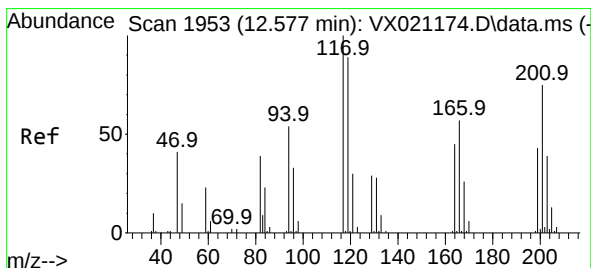
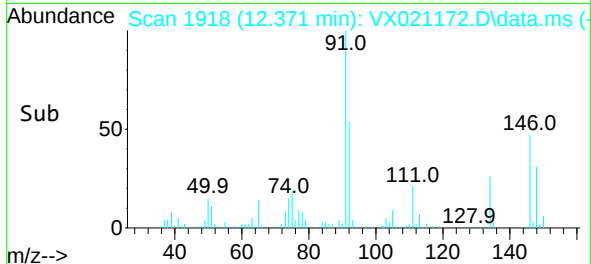
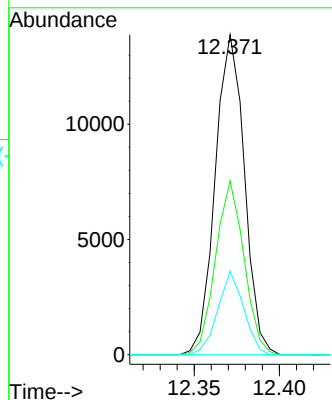
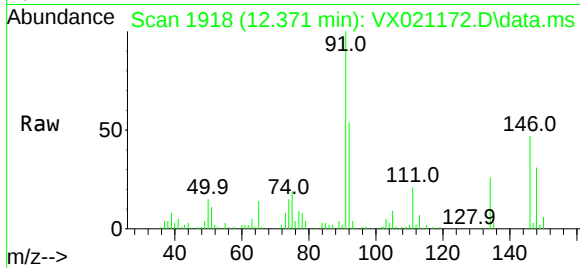
#85
n-Butylbenzene
Concen: 4.92 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 91 Resp: 16535
Ion Ratio Lower Upper
91 100
92 53.1 0.0 109.0
134 23.3 0.0 51.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

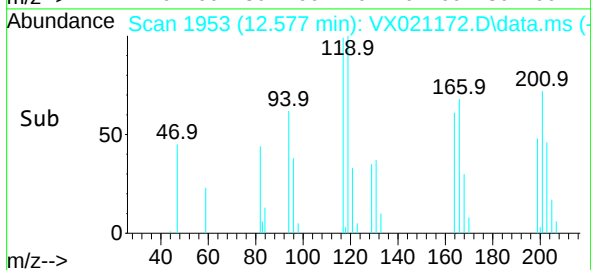
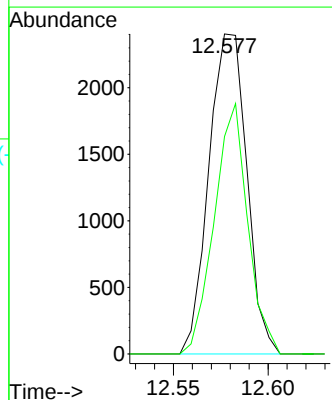
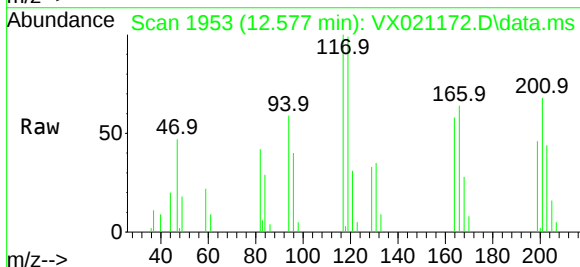
Manual Integrations
APPROVED

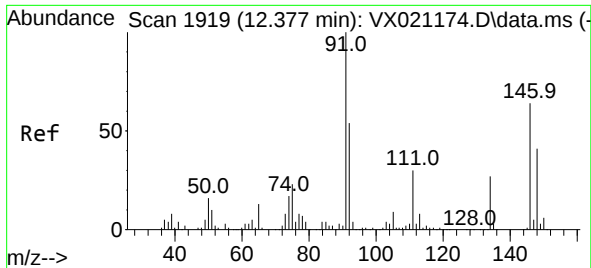
MMDadoda
3/15/2021 3:18:38 PM



#86
Hexachloroethane
Concen: 4.81 ug/l
RT: 12.577 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 117 Resp: 3353
Ion Ratio Lower Upper
117 100
201 69.0 40.5 121.4





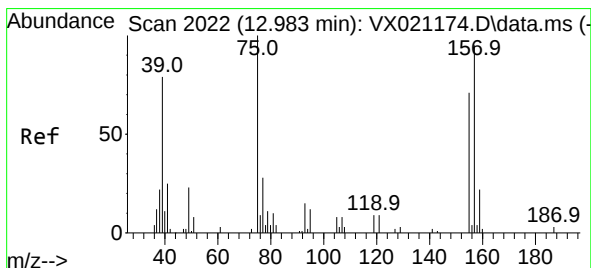
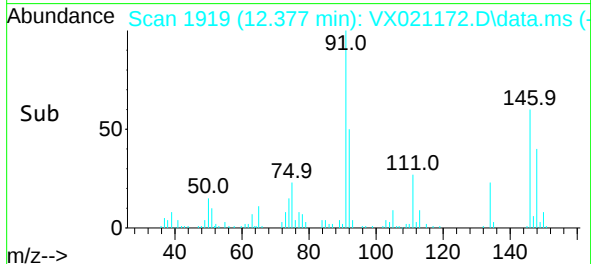
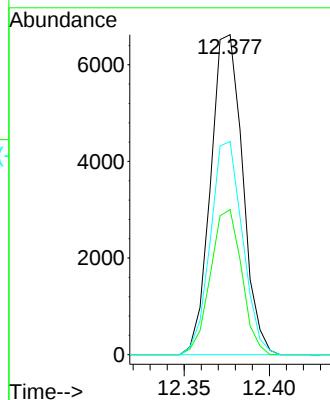
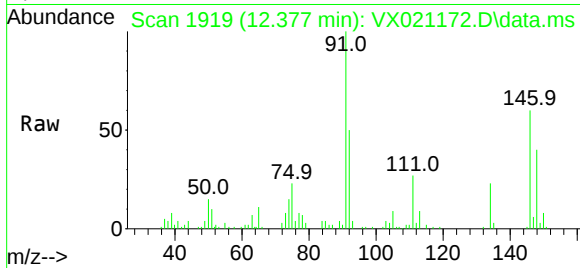
#87
1,2-Dichlorobenzene
Concen: 4.96 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

Tgt Ion: 146 Resp: 8649
Ion Ratio Lower Upper
146 100
111 44.3 20.8 62.5
148 66.9 32.4 97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

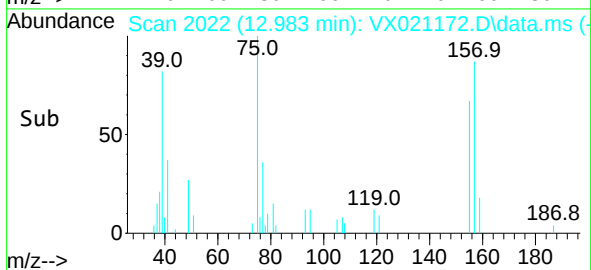
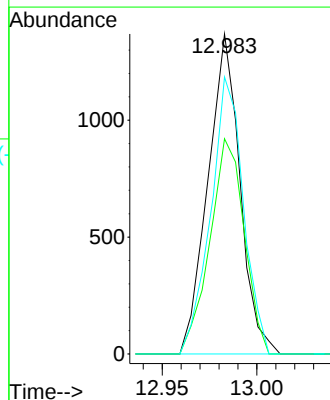
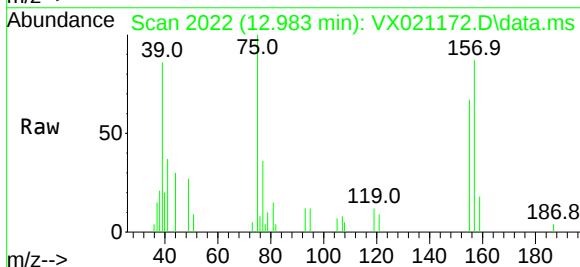
Manual Integrations
APPROVED

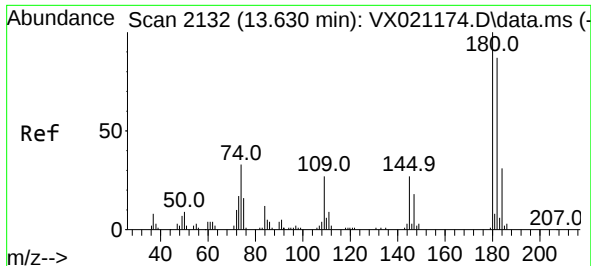
MMDadoda
3/15/2021 3:18:38 PM



#88
1,2-Dibromo-3-Chloropropane
Concen: 5.13 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

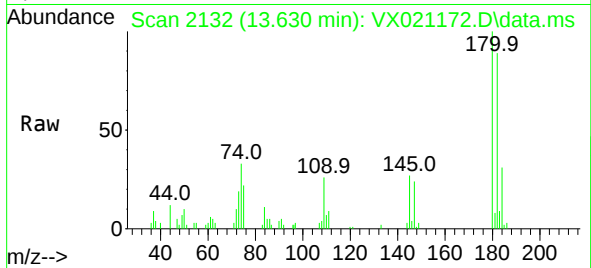
Tgt Ion: 75 Resp: 1607
Ion Ratio Lower Upper
75 100
155 72.2 68.9 103.3
157 88.4 91.3 136.9#





#89
1,2,4-Trichlorobenzene
Concen: 4.29 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

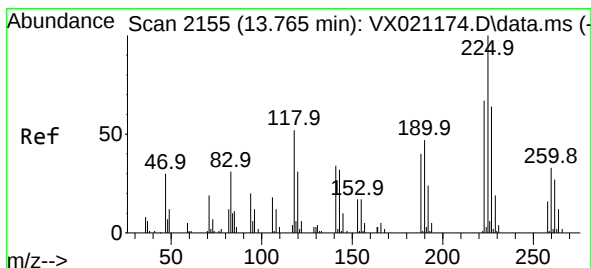
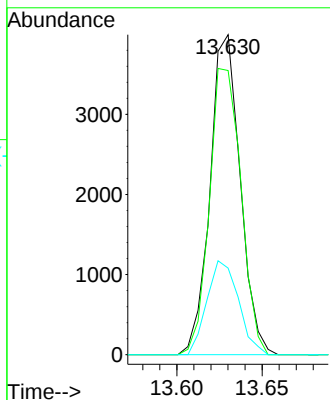
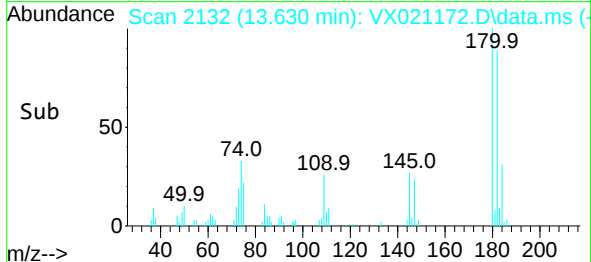
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



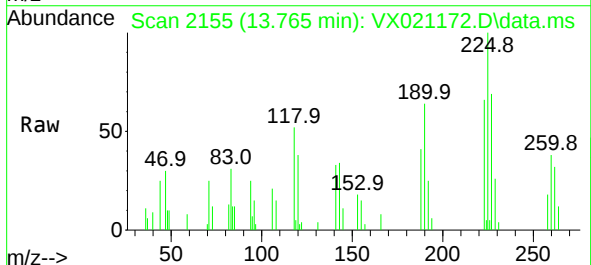
Tgt Ion:180 Resp: 4920
Ion Ratio Lower Upper
180 100
182 93.6 77.9 116.9
145 30.8 24.3 36.5

Manual Integrations
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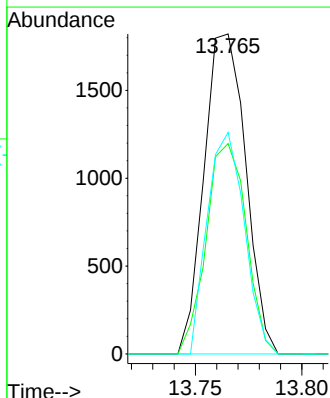
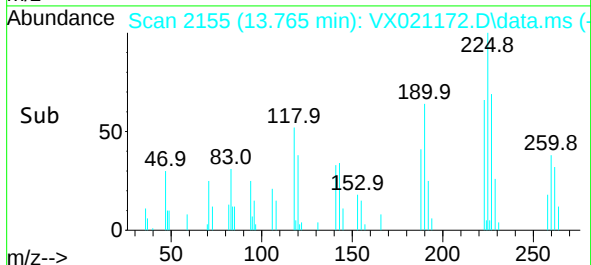
MMDadoda
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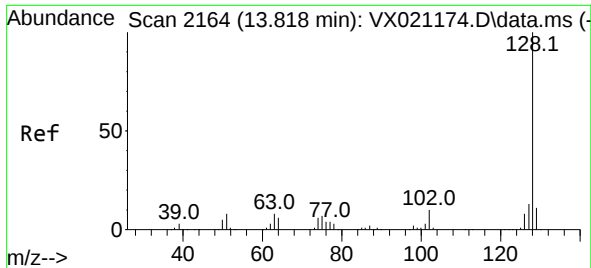


#90
Hexachlorobutadiene
Concen: 5.33 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16

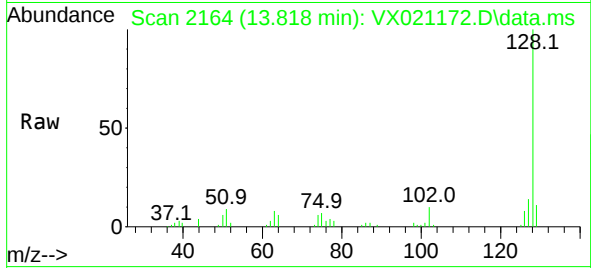


Tgt Ion:225 Resp: 2481
Ion Ratio Lower Upper
225 100
223 63.2 0.0 129.4
227 61.7 0.0 130.4

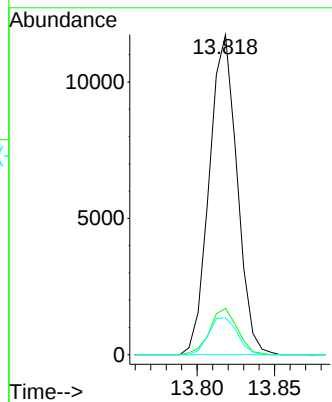
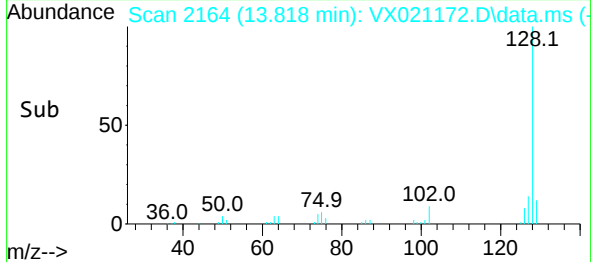




#91
Naphthalene
Concen: 3.72 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



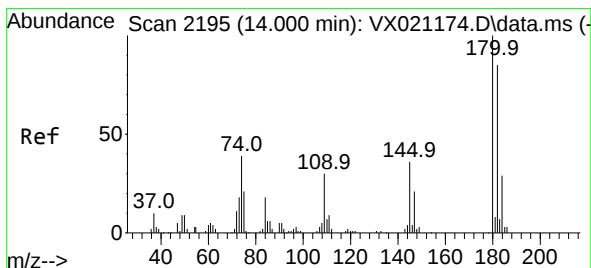
Tgt Ion:128 Resp: 14632
Ion Ratio Lower Upper
128 100
127 14.5 10.2 15.4
129 11.9 8.8 13.2



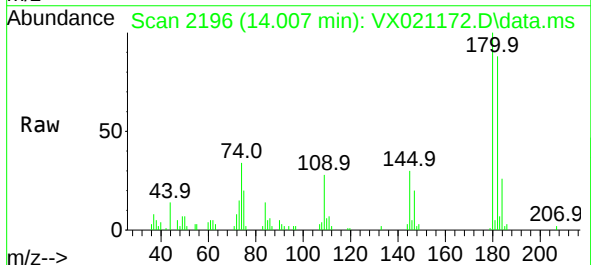
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 4.23 ug/l
RT: 14.007 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VX021172.D
Acq: 12 Mar 2021 10:16



Tgt Ion:180 Resp: 4762
Ion Ratio Lower Upper
180 100
182 100.1 0.0 192.4
145 34.5 0.0 66.4

