

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021176.D
 Acq On : 12 Mar 2021 11:49
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 3:18:45 PM

Quant Time: Mar 12 12:15:02 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	4.982	128	14915	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	79953	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	76659	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.029	65	38872	35.03	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	116.77%#		
60) 4-Bromofluorobenzene	11.124	95	40992	31.58	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	105.27%		
63) Toluene-d8	8.694	98	103596	29.63	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.77%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	100278	119.55	ug/l	96
3) Chloromethane	1.311	50	103051	115.11	ug/l	100
4) Vinyl Chloride	1.393	62	102268	100.39	ug/l	99
5) Bromomethane	1.623	94	56396	129.15	ug/l	99
6) Chloroethane	1.705	64	62519	97.27	ug/l	96
7) Trichlorofluoromethane	1.911	101	159250	116.19	ug/l	100
8) Diethyl Ether	2.170	74	54666	93.61	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.364	101	87417	106.43	ug/l	95
10) 1,1-Dichloroethene	2.352	96	85288	101.87	ug/l	85
11) Methyl Iodide	2.493	142	120907	112.69	ug/l	85
12) Methyl Acetate	2.746	43	145218	140.44	ug/l #	87
13) Acrolein	2.270	56	91043	642.01	ug/l	99
14) Acrylonitrile	3.117	53	274101	569.10	ug/l	98
15) Acetone	2.417	58	68928	499.43	ug/l #	61
16) Carbon Disulfide	2.552	76	248577	104.28	ug/l	100
17) Allyl chloride	2.705	41	180011	127.69	ug/l	87
18) Methylene Chloride	2.834	84	101400	105.11	ug/l #	85
19) trans-1,2-Dichloroethene	3.140	96	95187	102.04	ug/l	85
20) Diisopropyl ether	3.823	45	356913	125.39	ug/l #	91
21) 1,1-Dichloroethane	3.670	63	186408	113.19	ug/l	96
22) cis-1,2-Dichloroethene	4.564	96	109911	102.62	ug/l	89
23) tert-Butyl Alcohol	3.023	59	112774	517.66	ug/l #	100
24) Methyl tert-Butyl Ether	3.164	73	329343	109.65	ug/l #	85
25) Chloroform	5.176	83	194381	114.65	ug/l	96
26) Cyclohexane	5.552	56	168270	113.59	ug/l #	89
29) 1,1-Dichloropropene	5.770	75	144649	117.50	ug/l	96
30) 2-Butanone	4.635	43	400292	637.43	ug/l	92
31) 2,2-Dichloropropane	4.552	77	161231	114.02	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	174277	123.71	ug/l	96
33) Carbon Tetrachloride	5.752	117	156300	127.50	ug/l	95
34) Benzene	6.111	78	410072	111.49	ug/l #	97
35) Methacrylonitrile	5.005	41	93223	135.99	ug/l	90
36) 1,2-Dichloroethane	6.158	62	173541	132.09	ug/l #	93
37) Trichloroethene	7.188	130	107605	109.31	ug/l	91
38) Methylcyclohexane	7.441	83	164325	108.01	ug/l	92
39) 1,2-Dichloropropane	7.488	63	111623	119.95	ug/l	97
40) Dibromomethane	7.635	93	78067	121.62	ug/l	89
41) Bromodichloromethane	7.876	83	164541	122.65	ug/l	99
42) Vinyl Acetate	3.787	43	1531709	652.08	ug/l #	92

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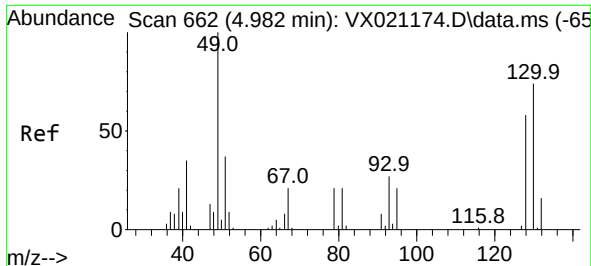
Manual Integrations
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Quant Time: Mar 12 12:15:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 11:46:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.793	43	156998	129.57	ug/l	98
44) Isopropyl Acetate	6.411	43	272960	134.04	ug/l #	91
45) 1,4-Dioxane	7.717	88	48326	2127.82	ug/l #	87
46) Methyl methacrylate	7.747	41	145392	141.22	ug/l	83
47) n-amyl Acetate	10.883	43	239900	140.06	ug/l	91
48) t-1,3-Dichloropropene	9.023	75	179256	122.00	ug/l	98
49) cis-1,3-Dichloropropene	8.418	75	187077	117.42	ug/l #	85
50) 1,1,2-Trichloroethane	9.194	97	107361	116.56	ug/l	96
51) Ethyl methacrylate	9.159	69	174548	119.68	ug/l #	74
52) 1,3-Dichloropropane	9.353	76	185065	117.77	ug/l	98
53) Dibromochloromethane	9.565	129	126528	126.80	ug/l	99
54) 1,2-Dibromoethane	9.653	107	114441	118.33	ug/l	99
55) 2-Chloroethyl vinyl ether	8.294	63	452299	640.45	ug/l	97
56) Bromoform	10.841	173	87048	124.78	ug/l	98
58) 4-Methyl-2-Pentanone	8.623	43	822315	636.12	ug/l #	89
59) 2-Hexanone	9.471	43	611950	627.26	ug/l	88
61) Tetrachloroethene	9.318	164	103550	112.45	ug/l	92
62) Toluene	8.765	91	452383	106.14	ug/l	97
64) Chlorobenzene	10.124	112	281334	107.47	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.206	131	108000	111.33	ug/l	99
66) Ethyl Benzene	10.235	91	530394	111.49	ug/l	99
67) m/p-Xylenes	10.341	106	383514	217.84	ug/l	94
68) o-Xylene	10.682	106	183864	109.49	ug/l	92
69) Styrene	10.694	104	313251	107.66	ug/l	93
70) Isopropylbenzene	11.000	105	492594	108.51	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.253	83	152999	107.47	ug/l	100
72) 1,2,3-Trichloropropane	11.283	75	153744m	118.04	ug/l	
73) Bromobenzene	11.241	156	118459	110.95	ug/l	92
74) n-propylbenzene	11.341	91	602678	115.64	ug/l	97
75) 2-Chlorotoluene	11.406	91	349413	111.93	ug/l	98
76) 1,3,5-Trimethylbenzene	11.488	105	426474	113.59	ug/l	98
77) t-1,4-Dichloro-2-butene	11.059	75	55507	105.52	ug/l	91
78) 4-Chlorotoluene	11.494	91	416135	115.82	ug/l	97
79) tert-butylbenzene	11.753	119	390689	108.87	ug/l	92
80) 1,2,4-Trimethylbenzene	11.789	105	428375	112.82	ug/l	98
81) sec-Butylbenzene	11.930	105	480717	111.23	ug/l	99
82) p-Isopropyltoluene	12.047	119	433362	110.77	ug/l	96
83) 1,3-Dichlorobenzene	12.012	146	210721	108.46	ug/l	98
84) 1,4-Dichlorobenzene	12.083	146	209257	109.42	ug/l	97
85) n-Butylbenzene	12.371	91	410341	115.87	ug/l	96
86) Hexachloroethane	12.583	117	81537	110.91	ug/l	89
87) 1,2-Dichlorobenzene	12.377	146	208310	113.31	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.983	75	40388	122.22	ug/l	81
89) 1,2,4-Trichlorobenzene	13.630	180	141658	117.15	ug/l	97
90) Hexachlorobutadiene	13.765	225	56009	114.08	ug/l	99
91) Naphthalene	13.818	128	460154	110.95	ug/l	99
92) 1,2,3-Trichlorobenzene	14.001	180	135288	113.82	ug/l	98

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



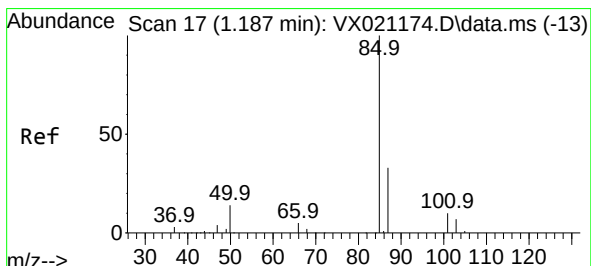
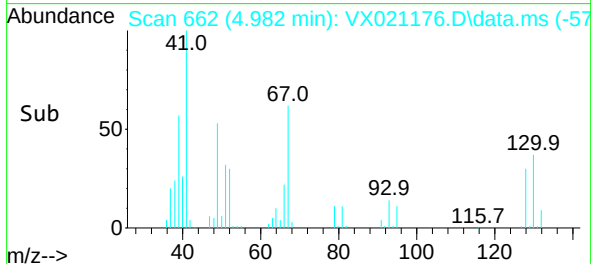
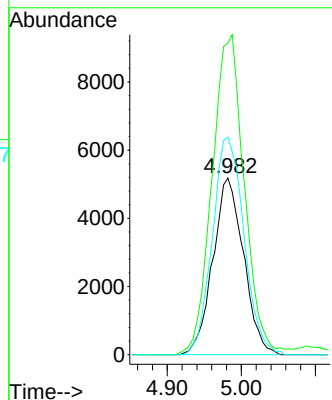
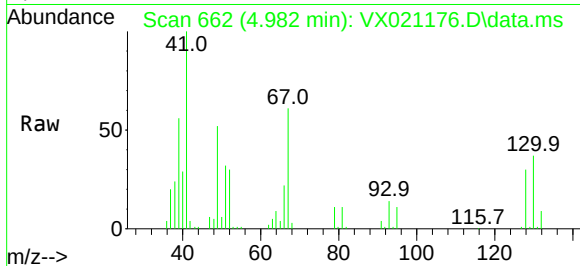
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Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. -0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion	Ratio	Lower	Upper
128	100		
49	189.7	0.0	367.5
130	126.9	0.0	318.8

Instrument :
MSVOA_X
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VSTDIC100

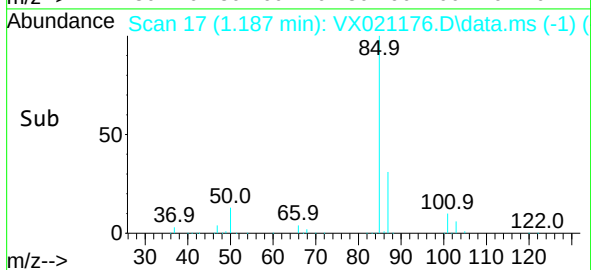
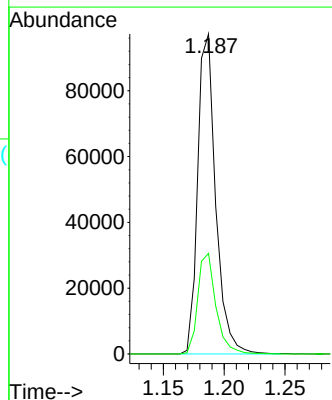
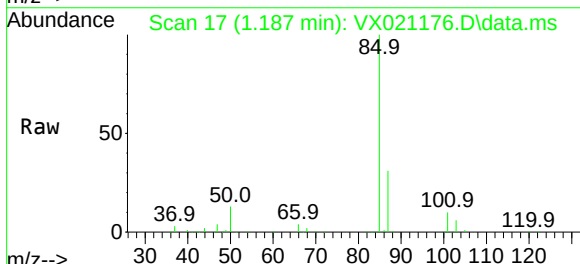
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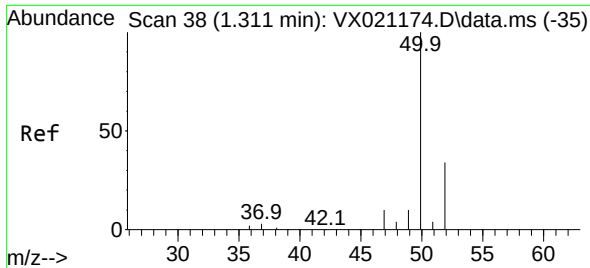
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#2
Dichlorodifluoromethane
Concen: 119.55 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

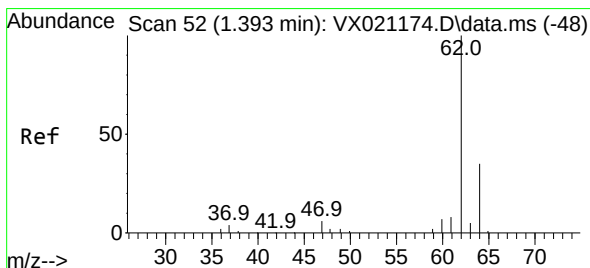
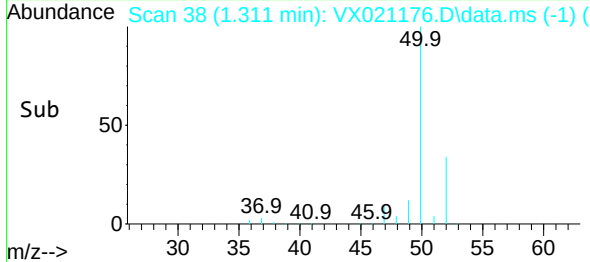
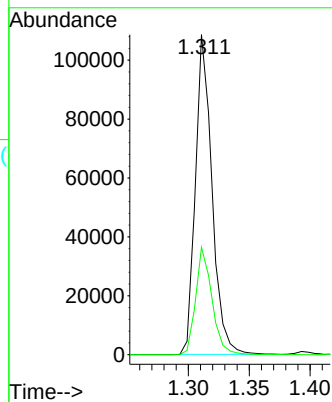
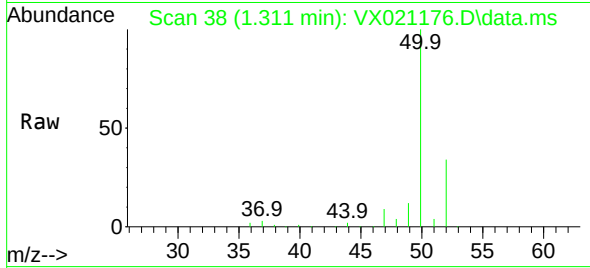
Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.8	50.4





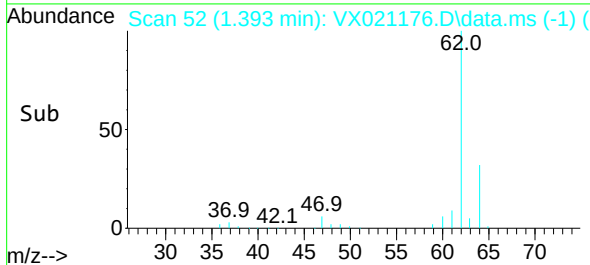
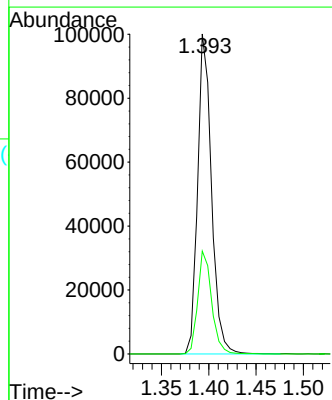
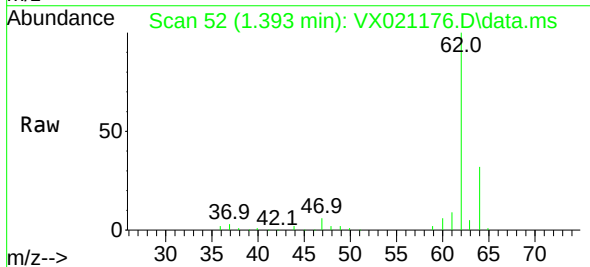
#3
Chloromethane
Concen: 115.11 ug/l
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 50 Resp: 103051
Ion Ratio Lower Upper
50 100
52 33.6 26.9 40.3



#4
Vinyl Chloride
Concen: 100.39 ug/l
RT: 1.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

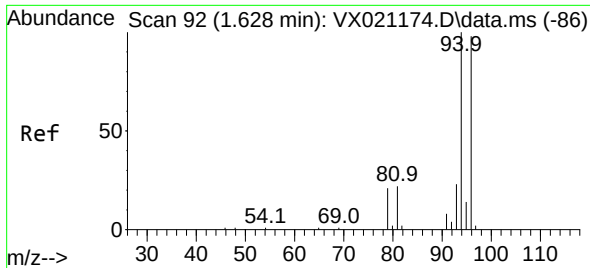
Tgt Ion: 62 Resp: 102268
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2



Instrument :
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ClientSampleId :
VSTDIC100

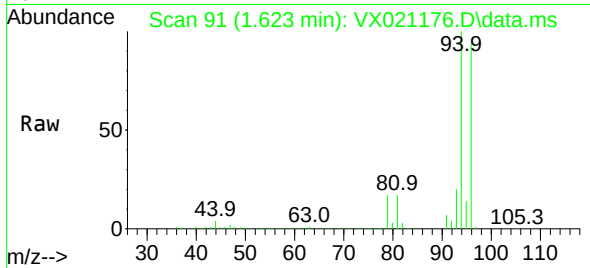
Manual Integrations
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#5
Bromomethane
Concen: 129.15 ug/l
RT: 1.623 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

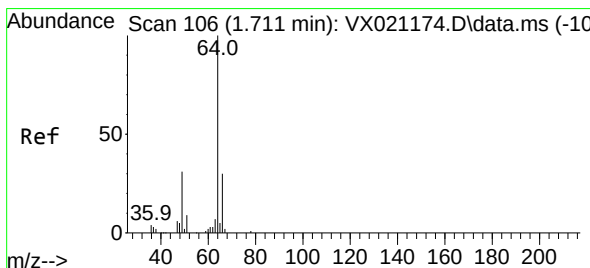
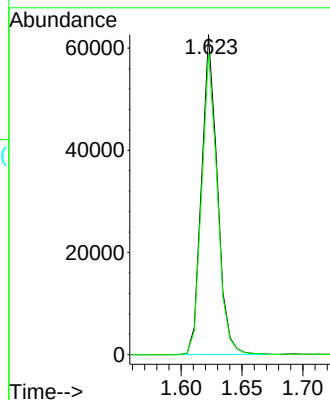
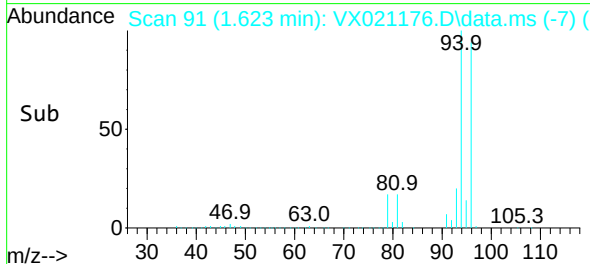
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



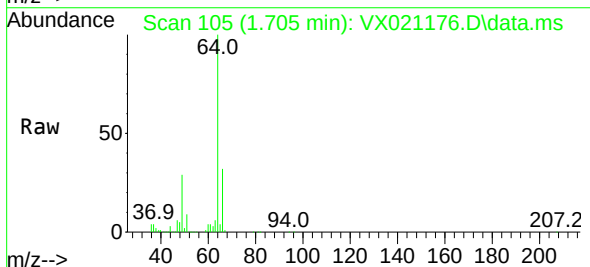
Tgt Ion: 94 Resp: 56396
Ion Ratio Lower Upper
94 100
96 94.4 76.6 114.8

Manual Integrations
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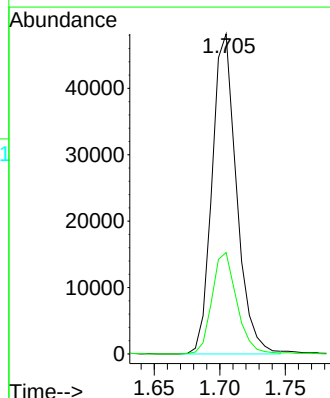
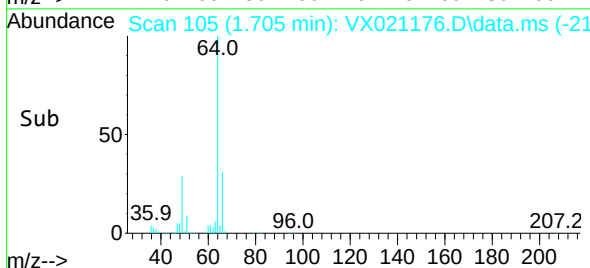
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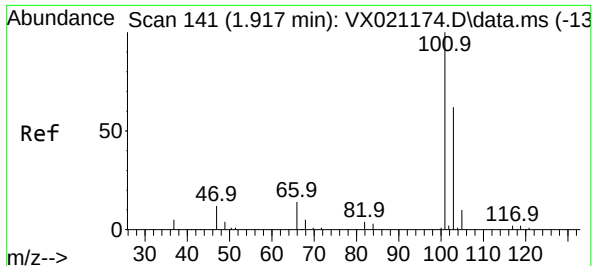


#6
Chloroethane
Concen: 97.27 ug/l
RT: 1.705 min Scan# 105
Delta R.T. -0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



Tgt Ion: 64 Resp: 62519
Ion Ratio Lower Upper
64 100
66 31.7 27.4 41.2





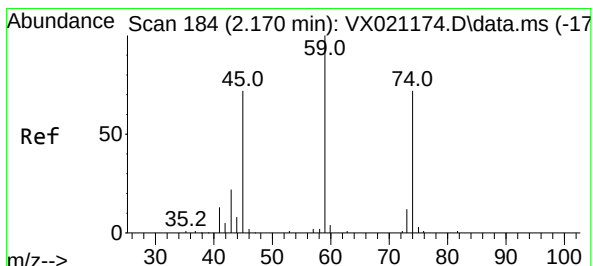
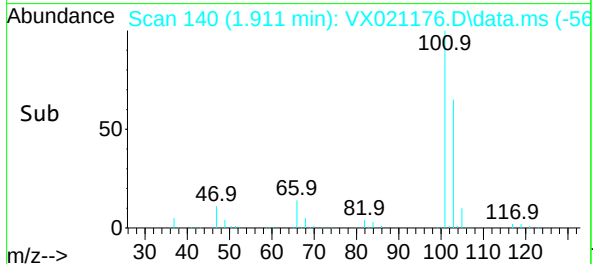
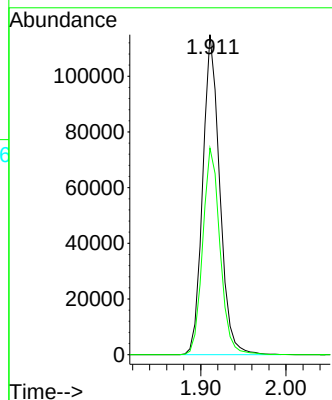
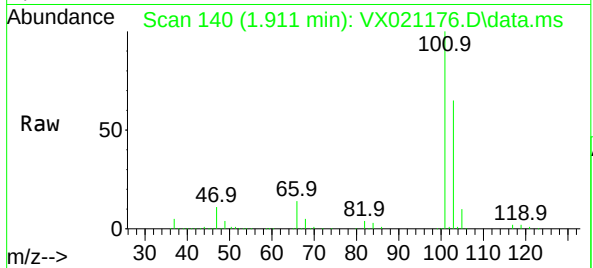
#7
Trichlorofluoromethane
Concen: 116.19 ug/l
RT: 1.911 min Scan# 140
Delta R.T. -0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:101 Resp: 159250
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

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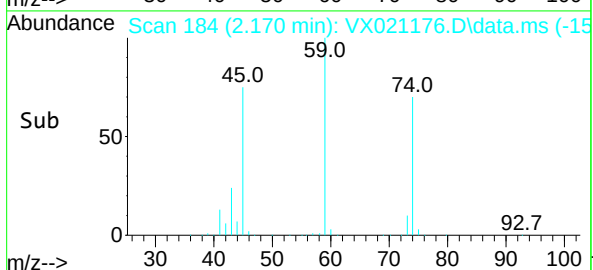
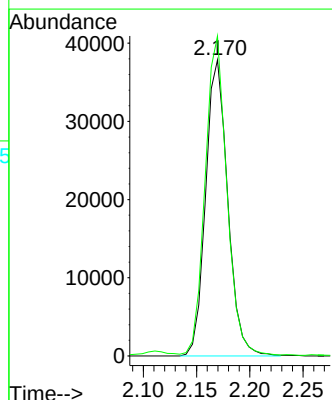
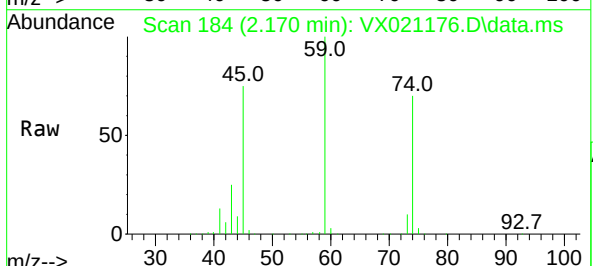
Manual Integrations
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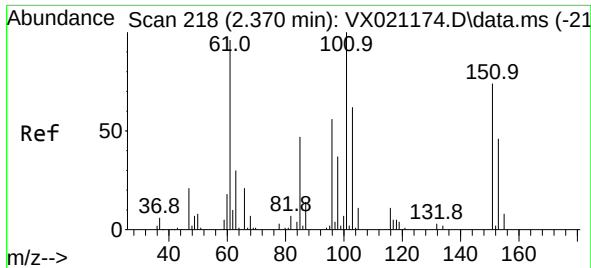
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#8
Diethyl Ether
Concen: 93.61 ug/l
RT: 2.170 min Scan# 184
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 74 Resp: 54666
Ion Ratio Lower Upper
74 100
45 106.2 17.3 155.7





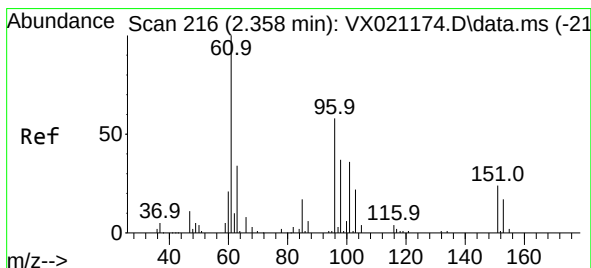
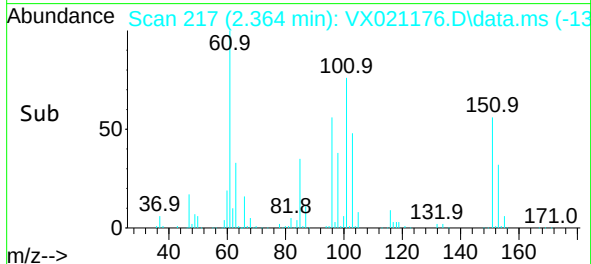
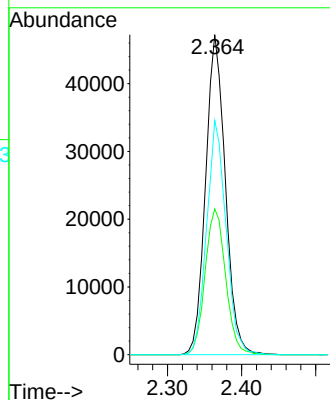
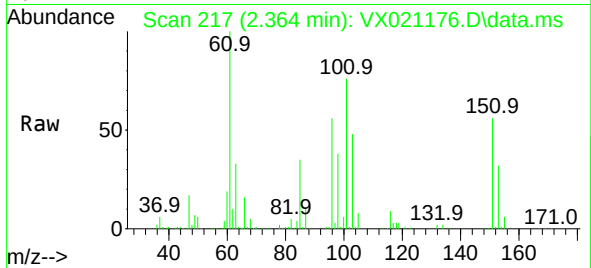
#9
1,1,2-Trichlorotrifluoroethane
Concen: 106.43 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:101 Resp: 87417
Ion Ratio Lower Upper
101 100
85 47.5 0.0 88.0
151 72.3 0.0 151.8

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

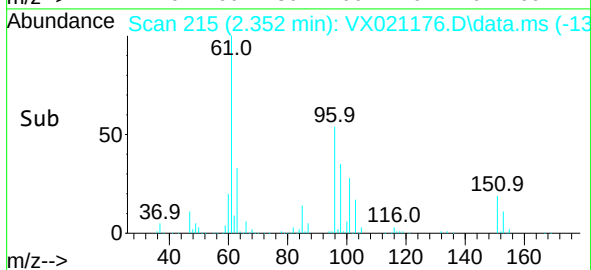
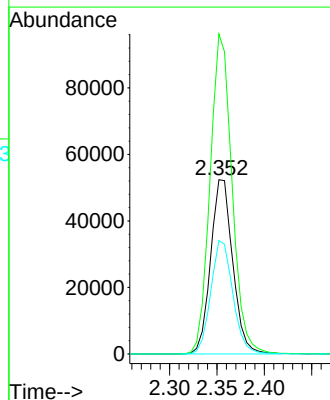
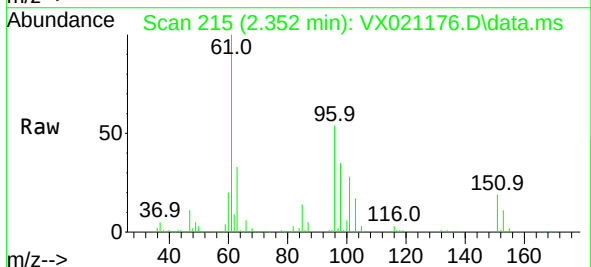
Manual Integrations
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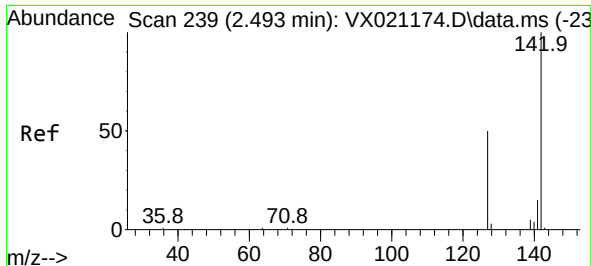
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#10
1,1-Dichloroethene
Concen: 101.87 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

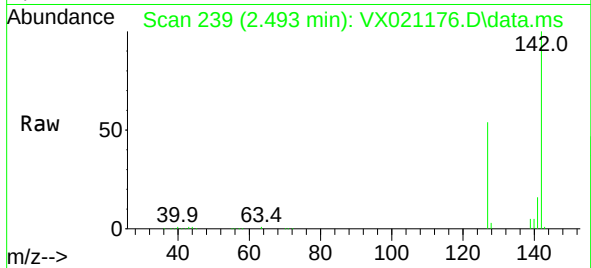
Tgt Ion: 96 Resp: 85288
Ion Ratio Lower Upper
96 100
61 183.7 126.1 189.1
98 65.1 51.3 76.9





#11
Methyl Iodide
Concen: 112.69 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

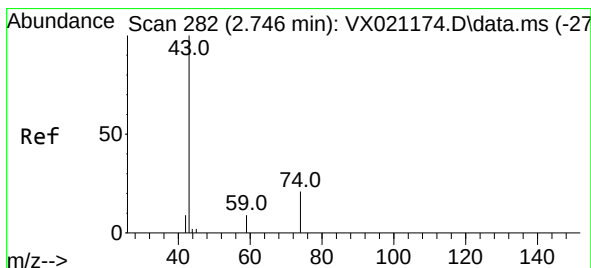
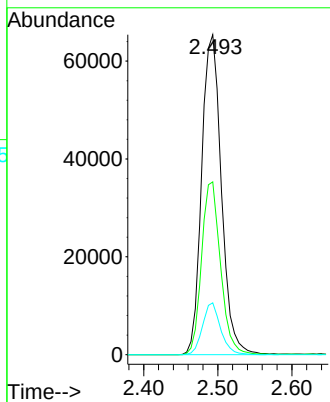
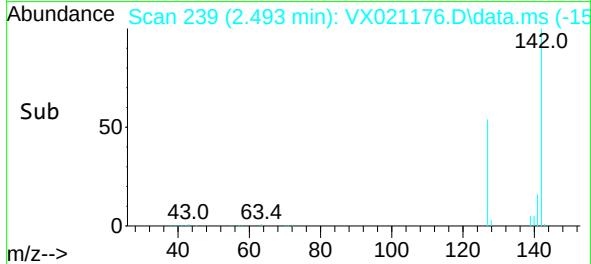
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



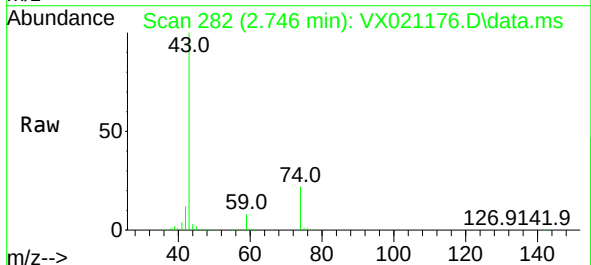
Tgt Ion:142 Resp: 120907
Ion Ratio Lower Upper
142 100
127 53.9 21.4 64.2
141 16.2 6.5 19.4

Manual Integrations
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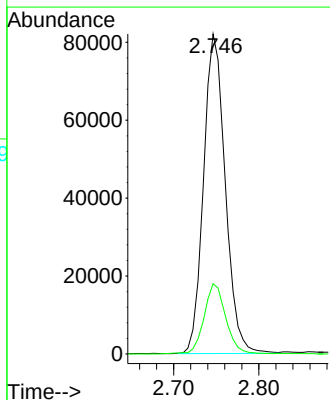
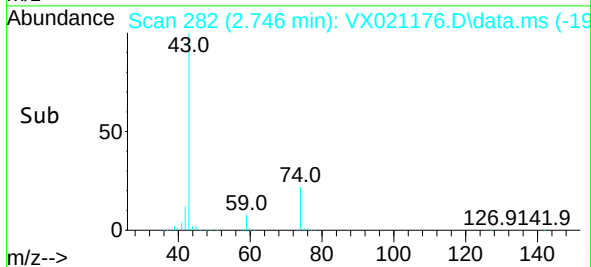
MMDadoda
3/15/2021 3:18:45 PM

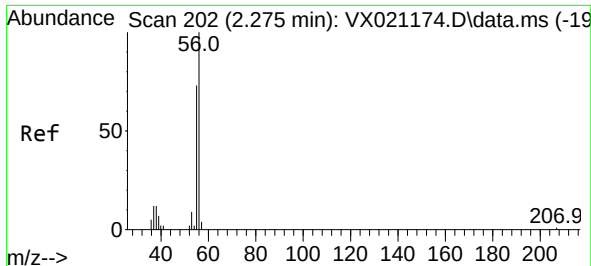


#12
Methyl Acetate
Concen: 140.44 ug/l
RT: 2.746 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



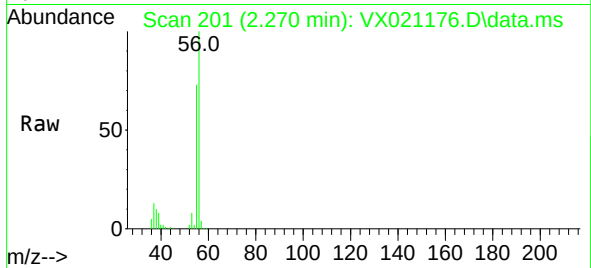
Tgt Ion: 43 Resp: 145218
Ion Ratio Lower Upper
43 100
74 21.8 22.8 34.2#





#13
Acrolein
Concen: 642.01 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

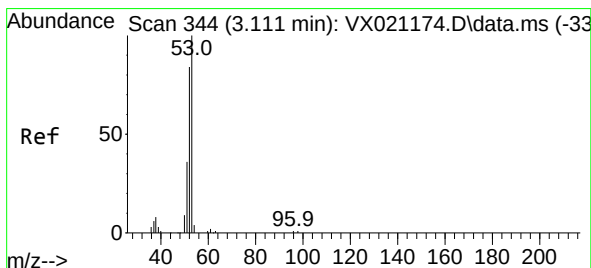
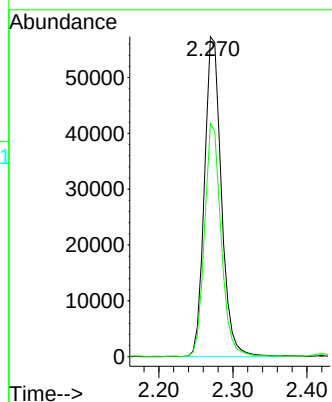
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



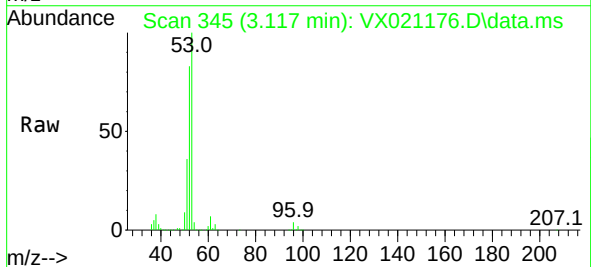
Tgt Ion: 56 Resp: 91043
Ion Ratio Lower Upper
56 100
55 71.1 56.3 84.5

Manual Integrations
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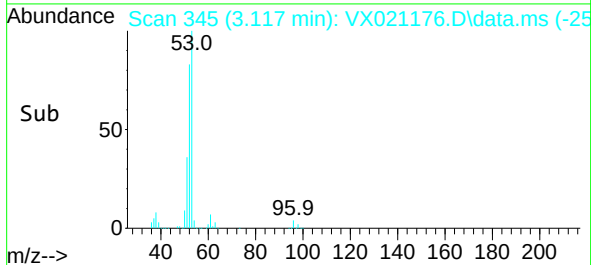
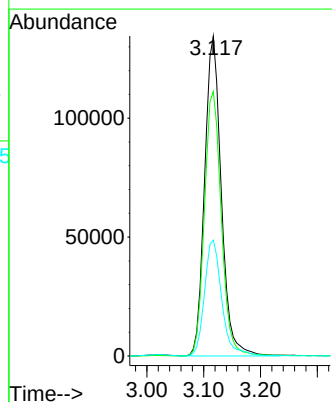
MMDadoda
3/15/2021 3:18:45 PM

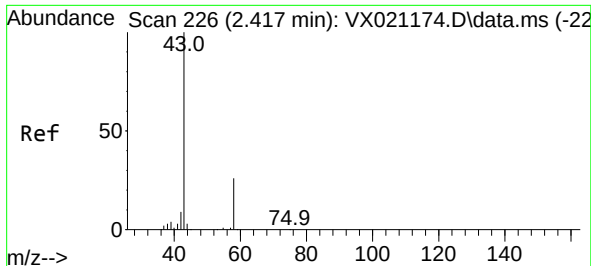


#14
Acrylonitrile
Concen: 569.10 ug/l
RT: 3.117 min Scan# 345
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



Tgt Ion: 53 Resp: 274101
Ion Ratio Lower Upper
53 100
52 83.4 41.1 123.3
51 37.5 17.6 52.9





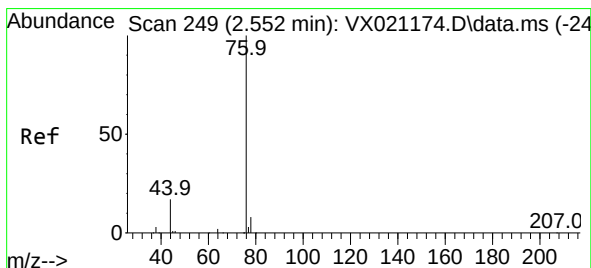
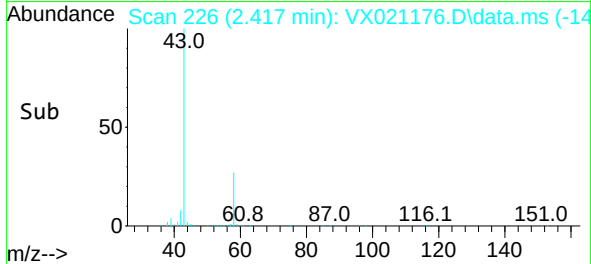
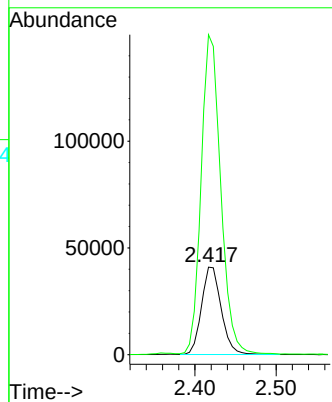
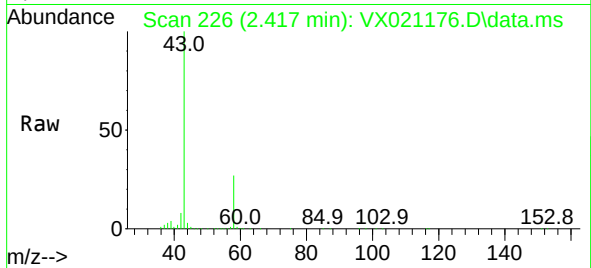
#15
Acetone
Concen: 499.43 ug/l
RT: 2.417 min Scan# 226
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 58 Resp: 68928
Ion Ratio Lower Upper
58 100
43 365.7 232.6 348.8#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

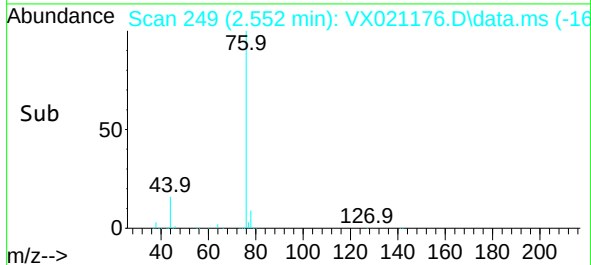
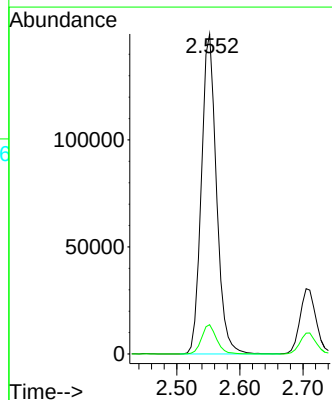
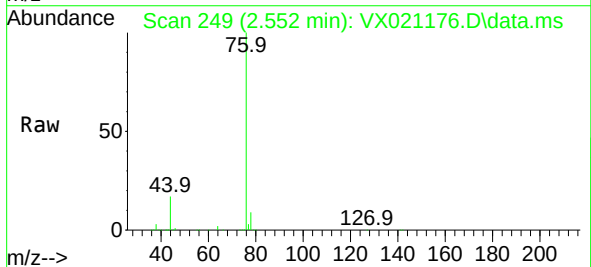
Manual Integrations
APPROVED

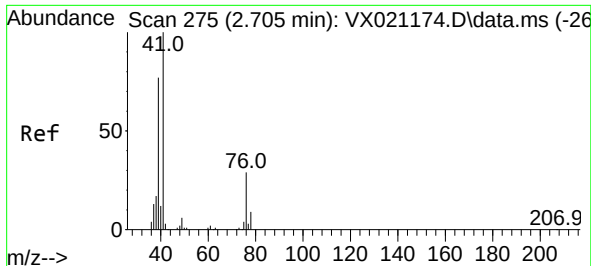
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#16
Carbon Disulfide
Concen: 104.28 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

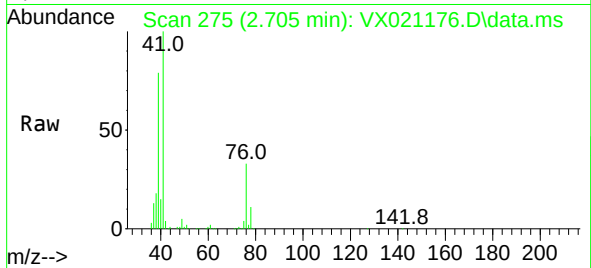
Tgt Ion: 76 Resp: 248577
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#17
 Allyl chloride
 Concen: 127.69 ug/l
 RT: 2.705 min Scan# 275
 Delta R.T. 0.000 min
 Lab File: VX021176.D
 Acq: 12 Mar 2021 11:49

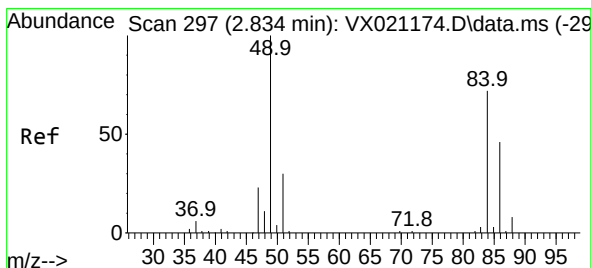
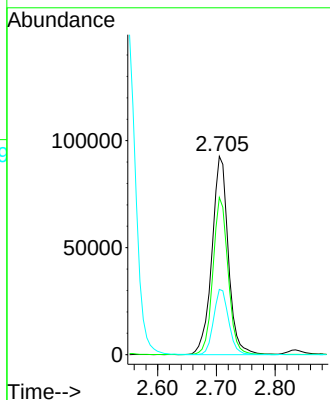
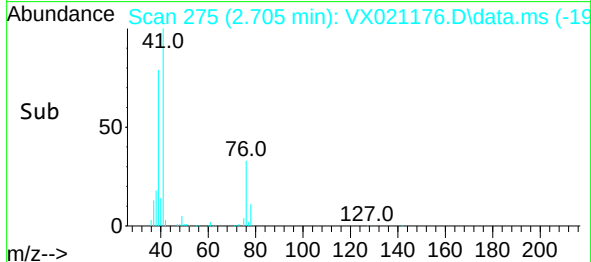
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



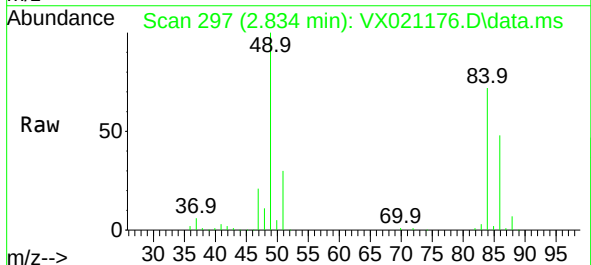
Tgt Ion: 41 Resp: 180011
 Ion Ratio Lower Upper
 41 100
 39 79.2 34.8 104.4
 76 32.8 21.3 63.9

Manual Integrations
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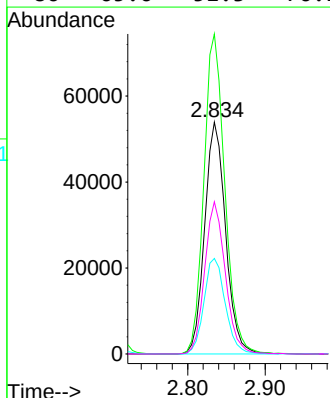
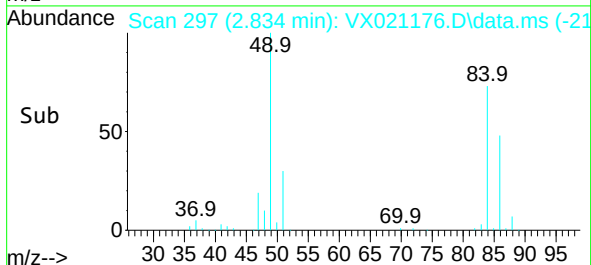
MMDadoda
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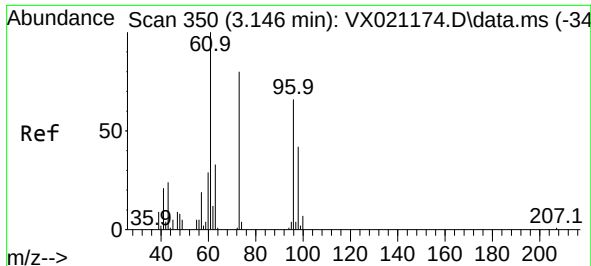


#18
 Methylene Chloride
 Concen: 105.11 ug/l
 RT: 2.834 min Scan# 297
 Delta R.T. 0.000 min
 Lab File: VX021176.D
 Acq: 12 Mar 2021 11:49



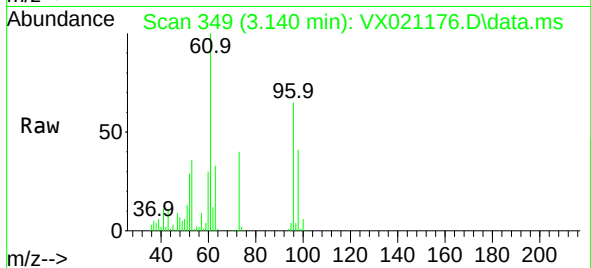
Tgt Ion: 84 Resp: 101400
 Ion Ratio Lower Upper
 84 100
 49 138.0 90.6 136.0#
 51 41.2 26.3 39.5#
 86 65.6 51.3 76.9



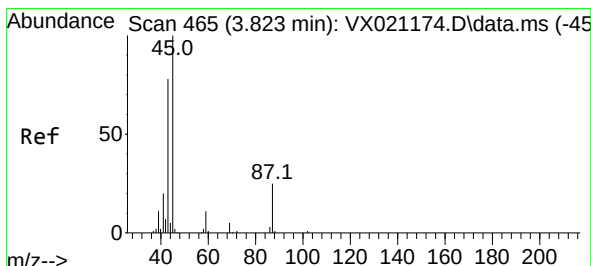
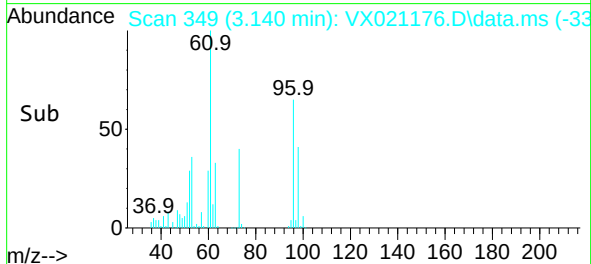
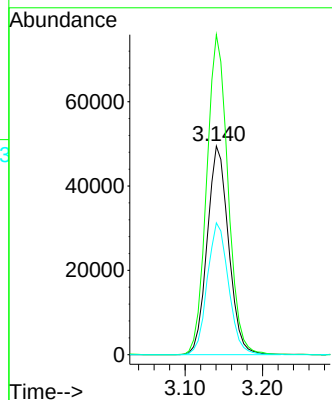


#19

trans-1,2-Dichloroethene
Concen: 102.04 ug/l
RT: 3.140 min Scan# 349
Delta R.T. -0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

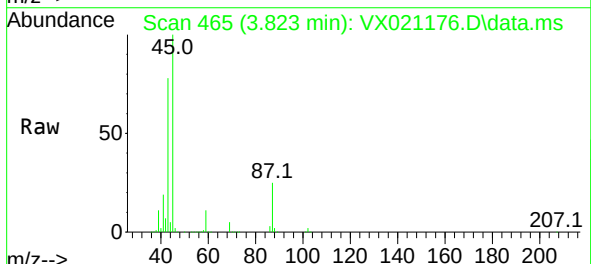


Tgt Ion:	96	Resp:	95187
Ion	Ratio	Lower	Upper
96	100		
61	153.2	103.0	154.4
98	63.2	51.8	77.6

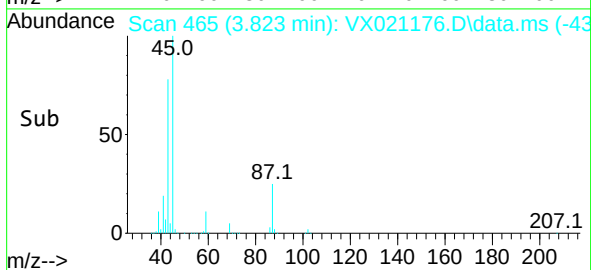
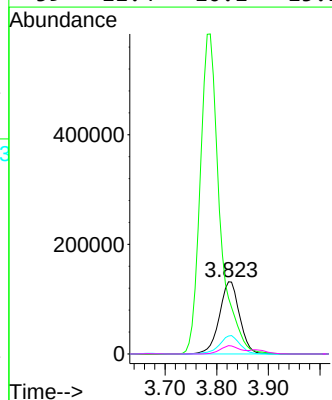


#20

Diisopropyl ether
Concen: 125.39 ug/l
RT: 3.823 min Scan# 465
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



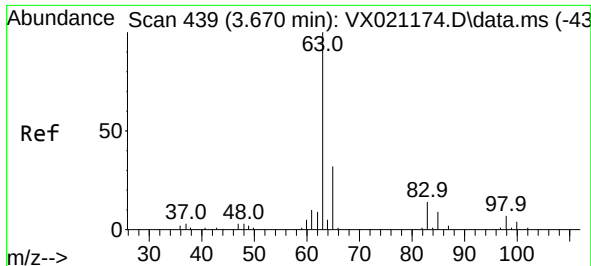
Tgt Ion:	45	Resp:	356913
Ion	Ratio	Lower	Upper
45	100		
43	77.2	56.0	84.0
87	24.9	25.4	38.0#
59	11.4	10.1	15.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
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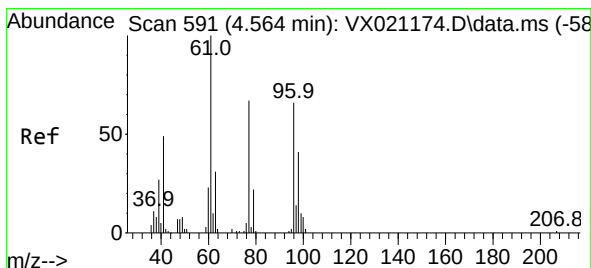
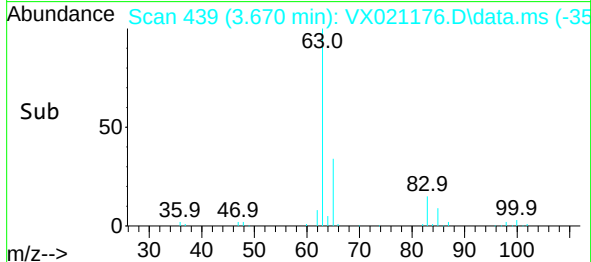
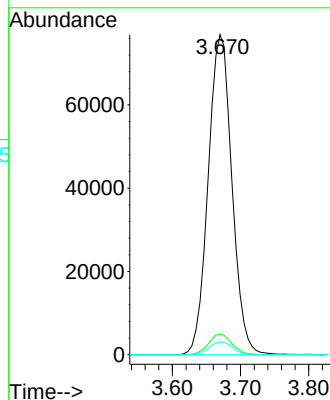
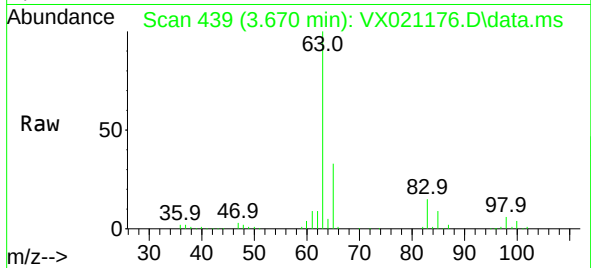
#21
1,1-Dichloroethane
Concen: 113.19 ug/l
RT: 3.670 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 63 Resp: 186408
Ion Ratio Lower Upper
63 100
98 6.4 3.9 11.7
100 3.9 2.5 7.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

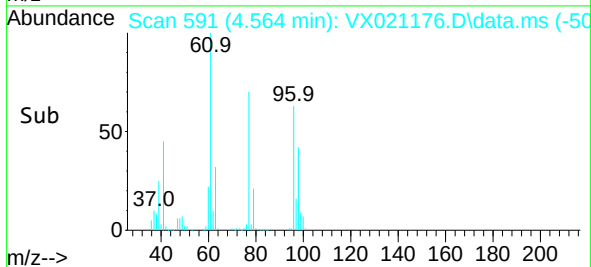
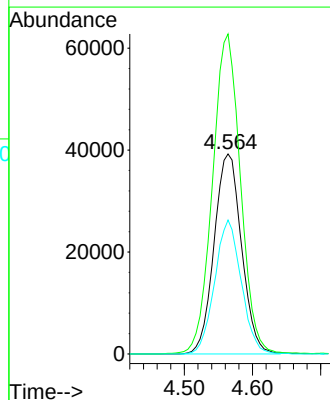
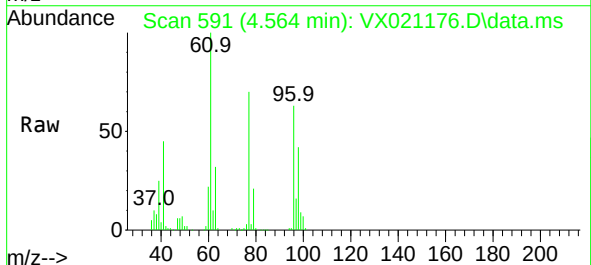
Manual Integrations
APPROVED

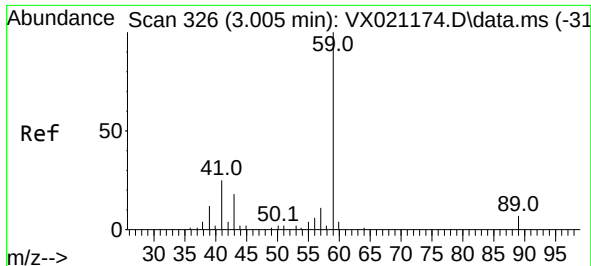
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#22
cis-1,2-Dichloroethene
Concen: 102.62 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 96 Resp: 109911
Ion Ratio Lower Upper
96 100
61 163.0 114.1 171.1
98 64.7 51.8 77.8





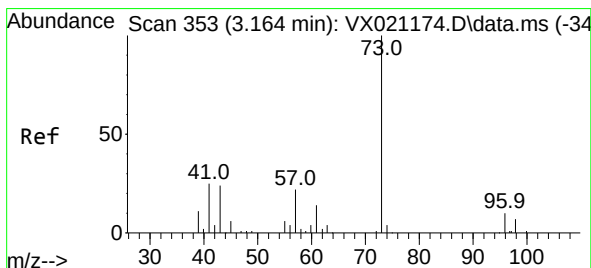
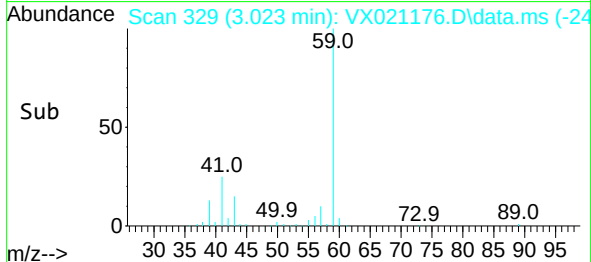
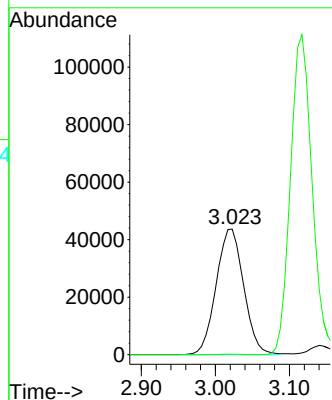
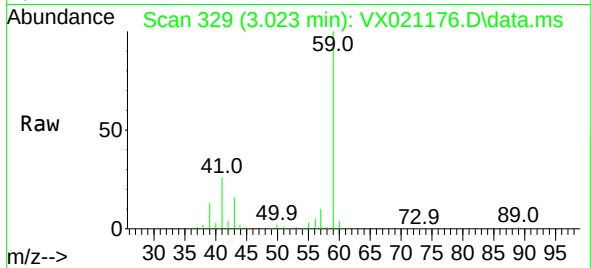
#23
tert-Butyl Alcohol
Concen: 517.66 ug/l
RT: 3.023 min Scan# 329
Delta R.T. 0.018 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 59 Resp: 112774
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

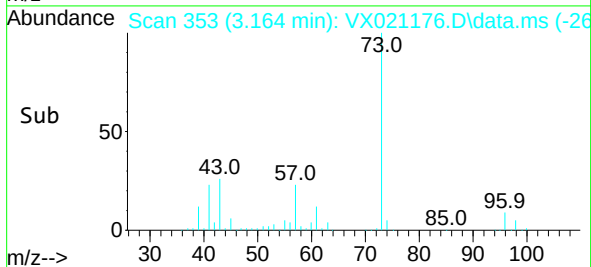
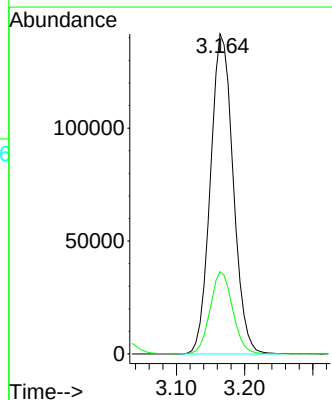
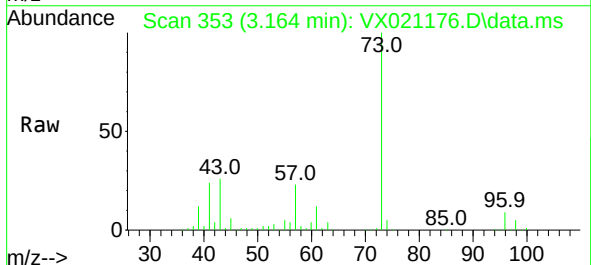
Manual Integrations
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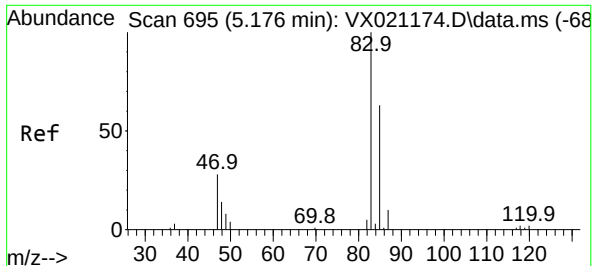
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#24
Methyl tert-Butyl Ether
Concen: 109.65 ug/l
RT: 3.164 min Scan# 353
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

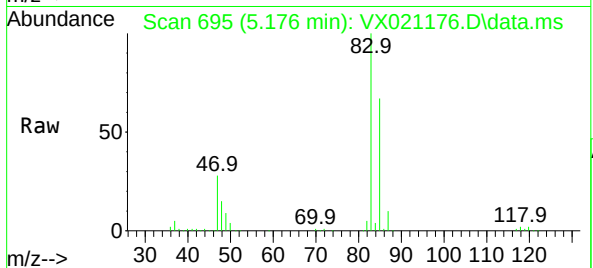
Tgt Ion: 73 Resp: 329343
Ion Ratio Lower Upper
73 100
43 25.3 14.9 22.3#





#25
Chloroform
Concen: 114.65 ug/l
RT: 5.176 min Scan# 695
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

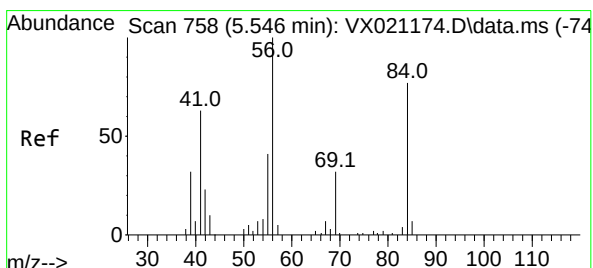
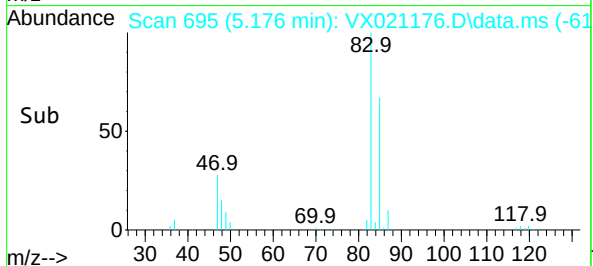
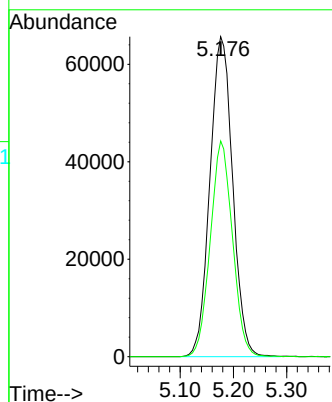
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 194381
Ion Ratio Lower Upper
83 100
85 67.4 51.2 76.8

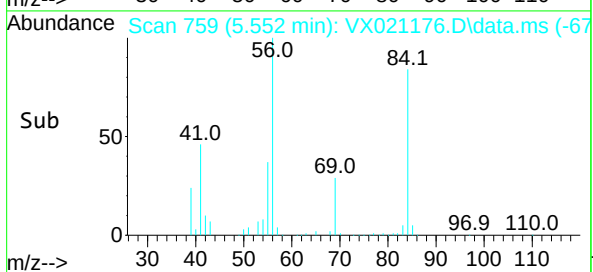
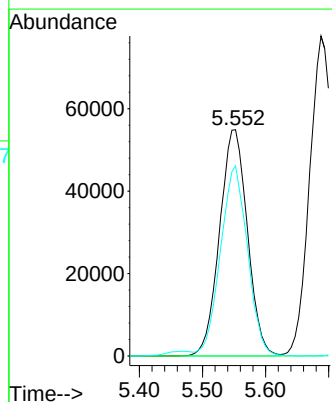
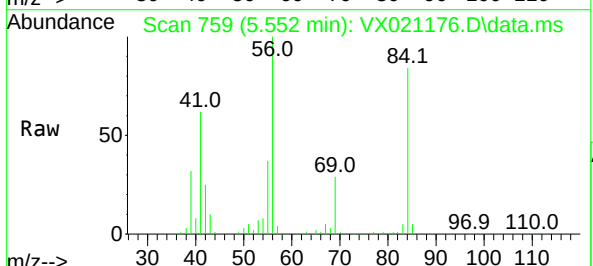
Manual Integrations
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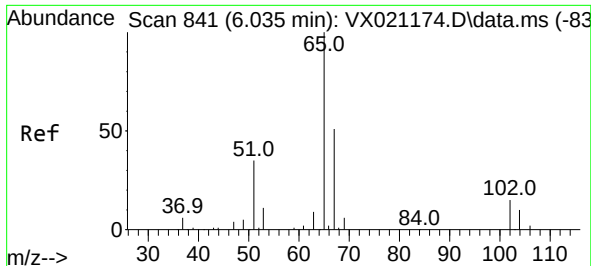
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#26
Cyclohexane
Concen: 113.59 ug/l
RT: 5.552 min Scan# 759
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 56 Resp: 168270
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 81.7 74.1 111.1





#27

1,2-Dichloroethane-d4

Concen: 35.03 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.006 min

Lab File: VX021176.D

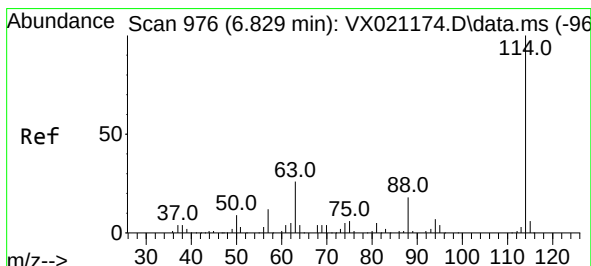
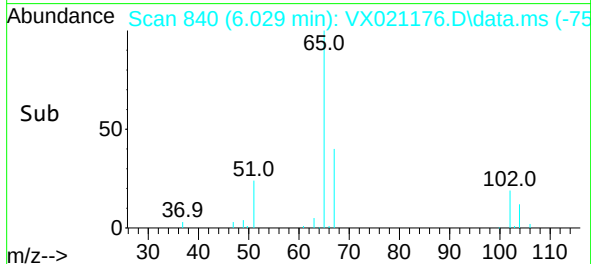
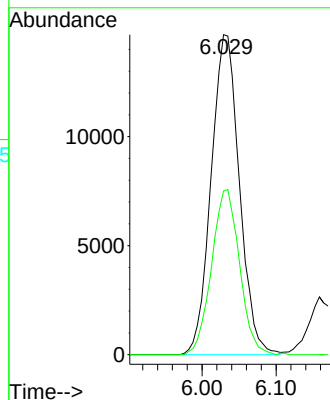
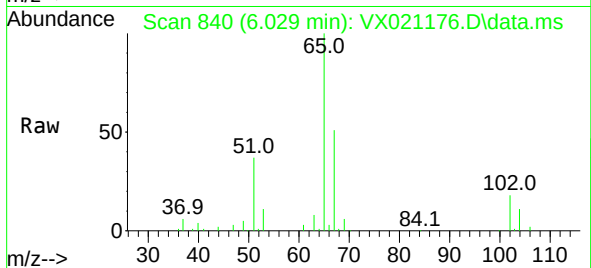
Acq: 12 Mar 2021 11:49

Tgt Ion: 65 Resp: 38872

Ion Ratio Lower Upper

65 100

67 50.9 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: VX021176.D

Acq: 12 Mar 2021 11:49

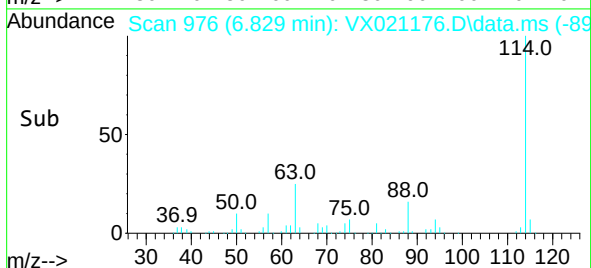
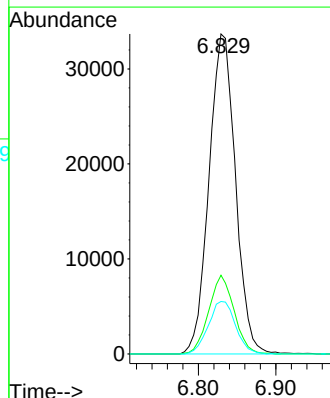
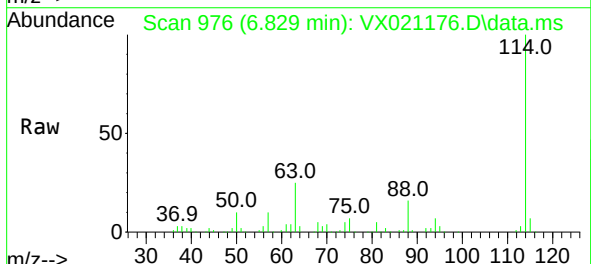
Tgt Ion: 114 Resp: 79953

Ion Ratio Lower Upper

114 100

63 23.6 16.2 24.2

88 16.8 13.0 19.6



Instrument :

MSVOA_X

ClientSampleId :

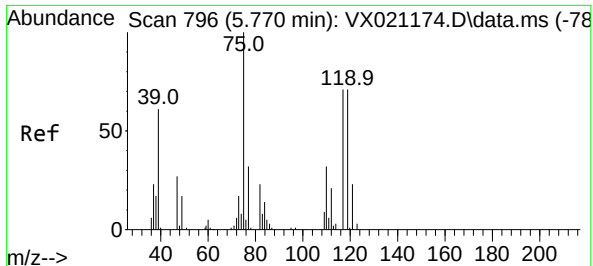
VSTDIC100

Manual Integrations

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#29

1,1-Dichloropropene

Concen: 117.50 ug/l

RT: 5.770 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX021176.D

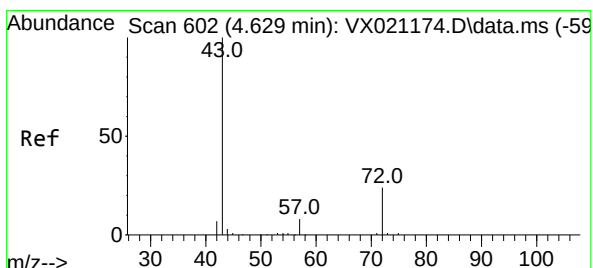
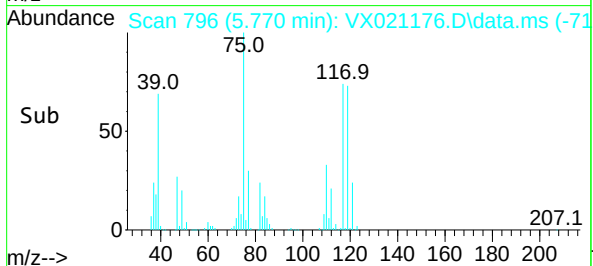
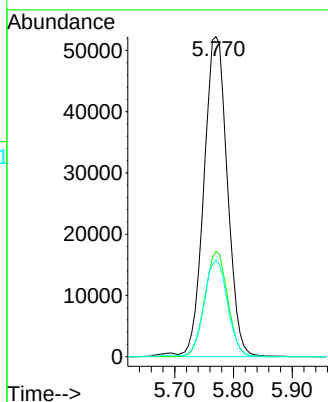
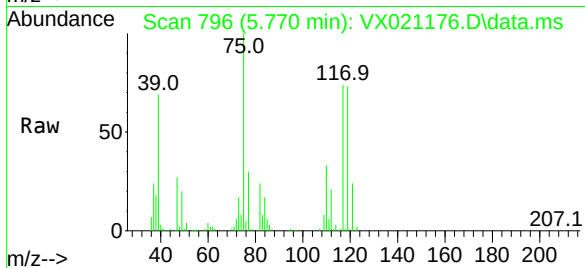
Acq: 12 Mar 2021 11:49

Tgt Ion: 75	Resp: 144649
Ion Ratio	Lower Upper
75 100	
110 32.2	0.0 72.4
77 30.3	0.0 62.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
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3/15/2021 3:18:45 PM



#30

2-Butanone

Concen: 637.43 ug/l

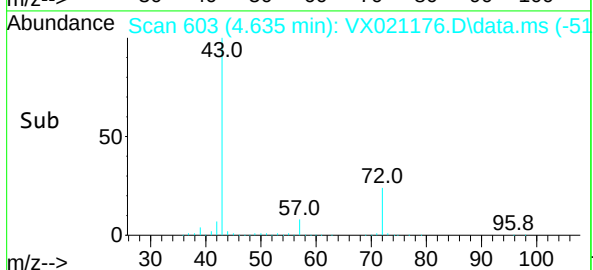
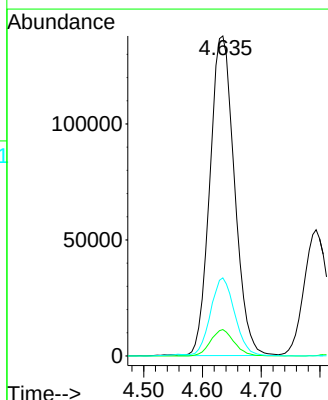
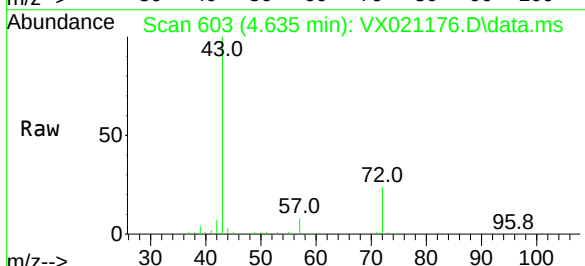
RT: 4.635 min Scan# 603

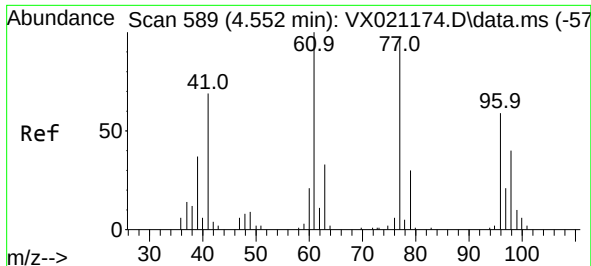
Delta R.T. 0.006 min

Lab File: VX021176.D

Acq: 12 Mar 2021 11:49

Tgt Ion: 43	Resp: 400292
Ion Ratio	Lower Upper
43 100	
57 7.9	7.2 10.8
72 24.2	23.7 35.5





#31

2,2-Dichloropropane

Concen: 114.02 ug/l

RT: 4.552 min Scan# 589

Delta R.T. 0.000 min

Lab File: VX021176.D

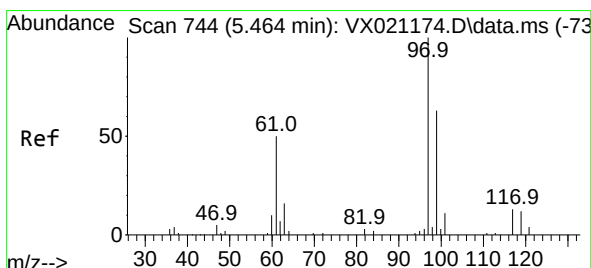
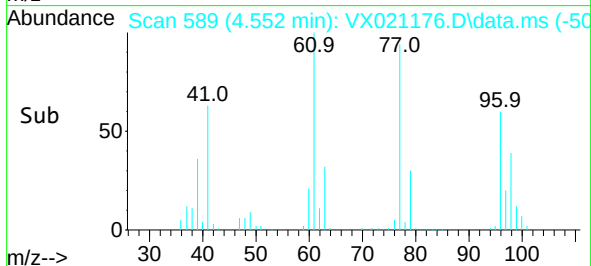
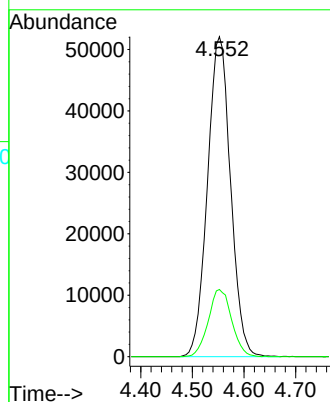
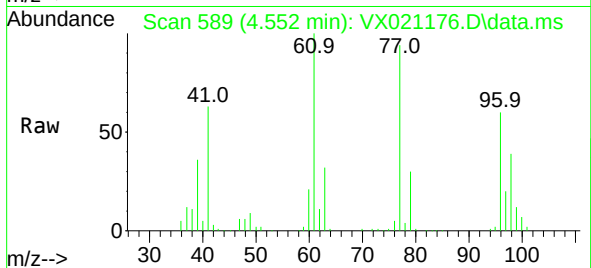
Acq: 12 Mar 2021 11:49

Tgt Ion: 77 Resp: 161231

Ion Ratio Lower Upper

77 100

97 21.3 18.6 28.0



#32

1,1,1-Trichloroethane

Concen: 123.71 ug/l

RT: 5.458 min Scan# 743

Delta R.T. -0.006 min

Lab File: VX021176.D

Acq: 12 Mar 2021 11:49

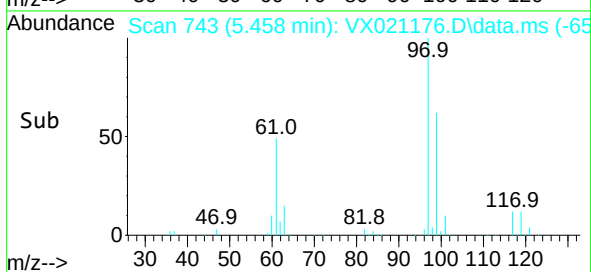
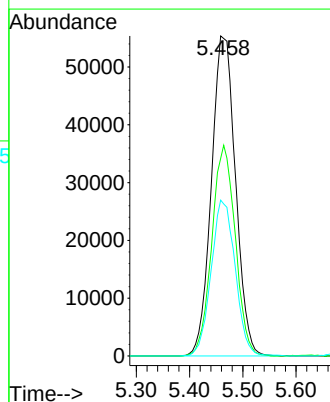
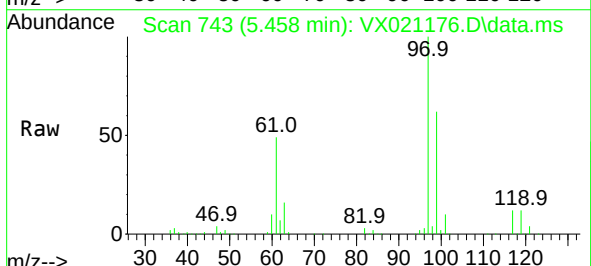
Tgt Ion: 97 Resp: 174277

Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 48.5 34.3 51.5



Instrument :

MSVOA_X

ClientSampleId :

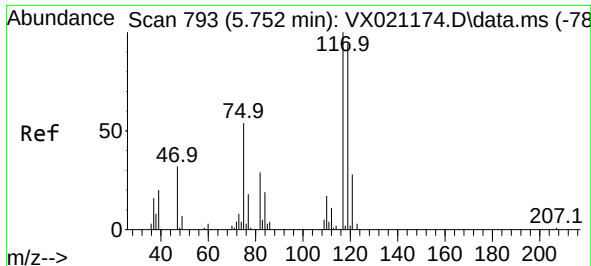
VSTDIC100

Manual Integrations

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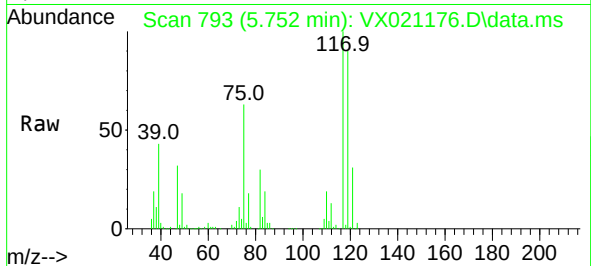
MMDadoda

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#33
Carbon Tetrachloride
Concen: 127.50 ug/l
RT: 5.752 min Scan# 793
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

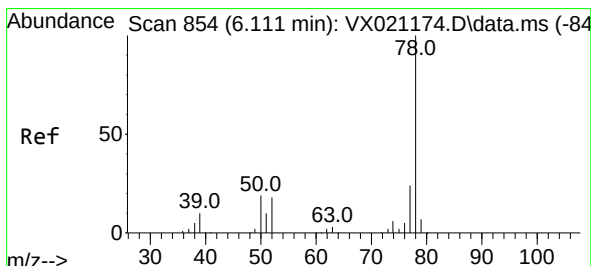
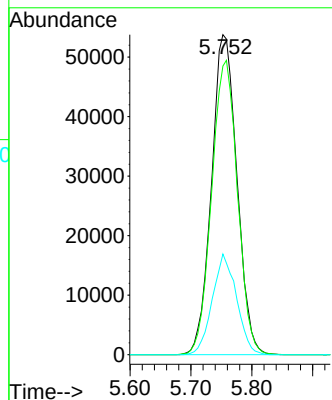
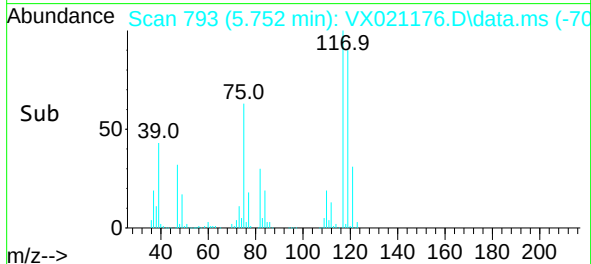
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



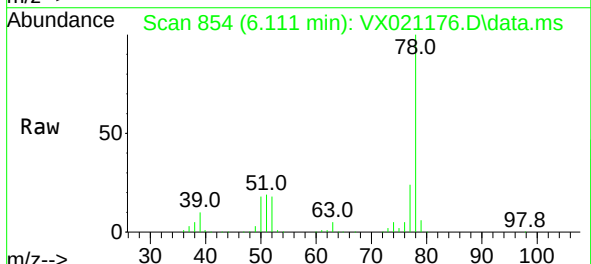
Tgt Ion:117 Resp: 156300
Ion Ratio Lower Upper
117 100
119 90.1 76.1 114.1
121 31.5 24.1 36.1

Manual Integrations
APPROVED

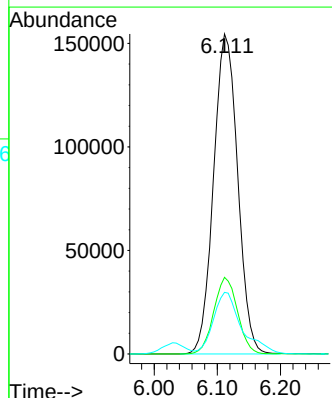
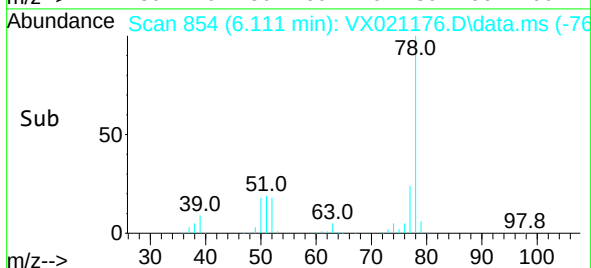
MMDadoda
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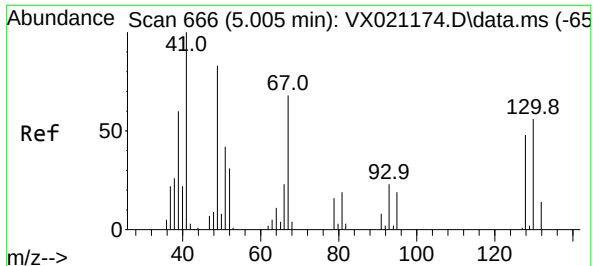


#34
Benzene
Concen: 111.49 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



Tgt Ion: 78 Resp: 410072
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4
51 18.8 12.5 18.7#





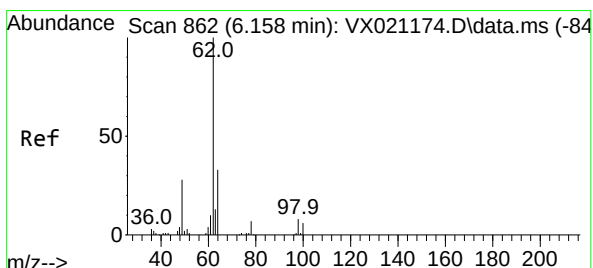
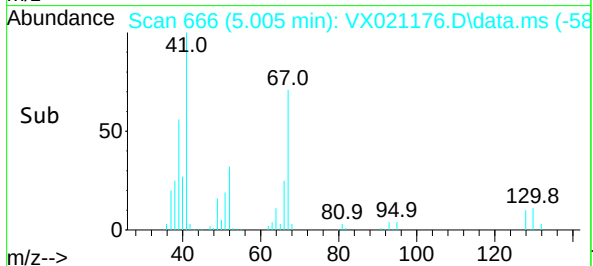
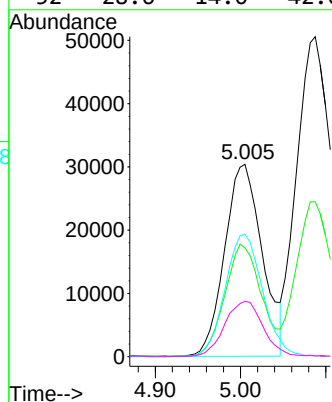
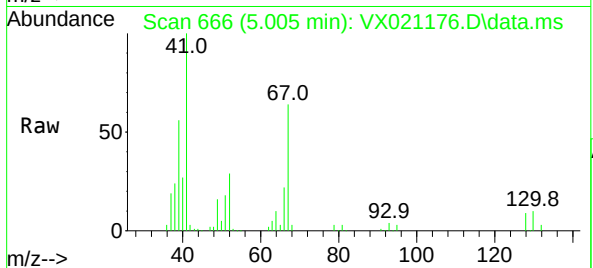
#35
Methacrylonitrile
Concen: 135.99 ug/l
RT: 5.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:	41	Resp:	93223
Ion	Ratio	Lower	Upper
41	100		
39	56.2	26.8	80.3
67	63.8	39.1	117.2
52	28.6	14.0	42.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

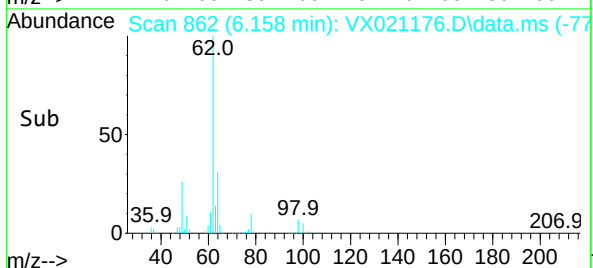
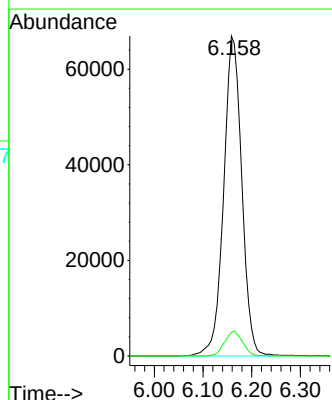
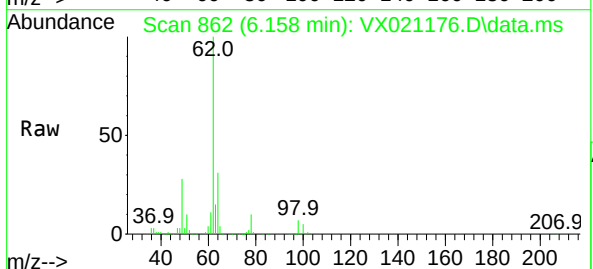
Manual Integrations
APPROVED

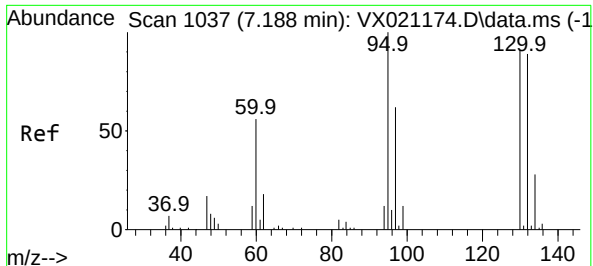
MMDadoda
3/15/2021 3:18:45 PM



#36
1,2-Dichloroethane
Concen: 132.09 ug/l
RT: 6.158 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:	62	Resp:	173541
Ion	Ratio	Lower	Upper
62	100		
98	7.6	8.1	12.1#





#37

Trichloroethene

Concen: 109.31 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VX021176.D

Acq: 12 Mar 2021 11:49

Tgt Ion:130 Resp: 107605

Ion Ratio Lower Upper

130 100

95 109.2 80.2 120.4

Instrument :

MSVOA_X

ClientSampleId :

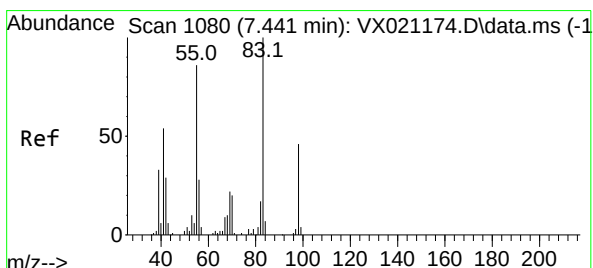
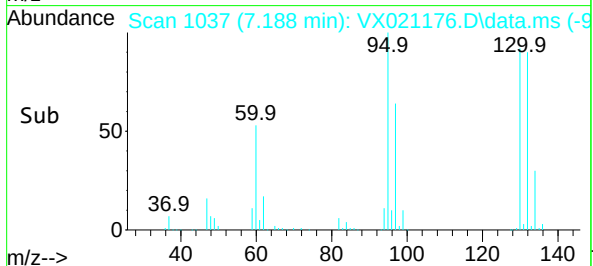
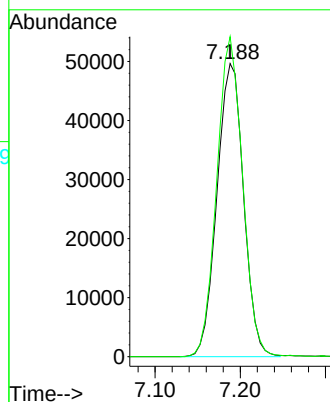
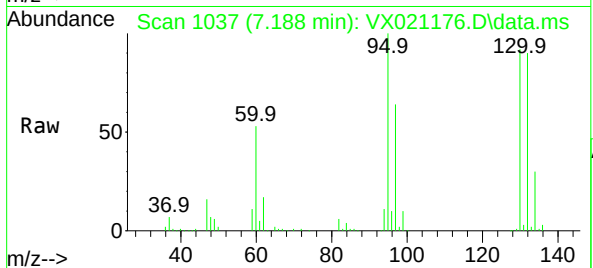
VSTDIC100

Manual Integrations

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#38

Methylcyclohexane

Concen: 108.01 ug/l

RT: 7.441 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX021176.D

Acq: 12 Mar 2021 11:49

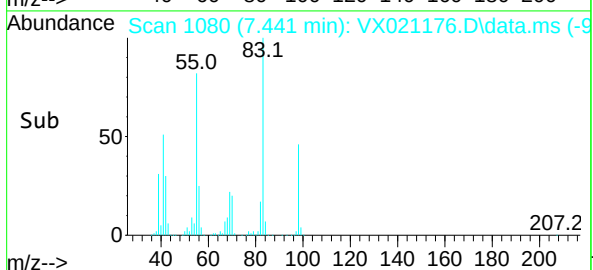
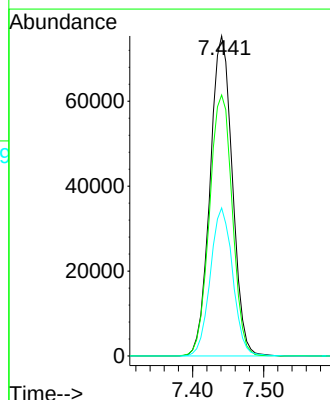
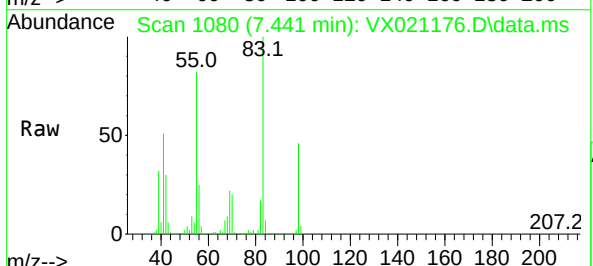
Tgt Ion: 83 Resp: 164325

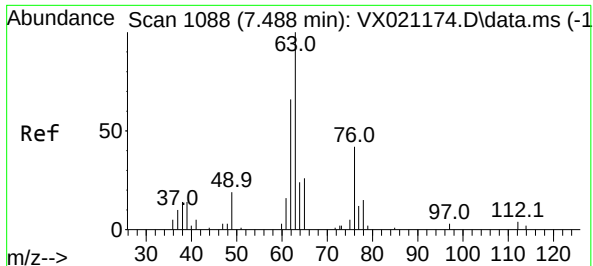
Ion Ratio Lower Upper

83 100

55 83.6 37.4 112.1

98 46.5 24.7 74.1





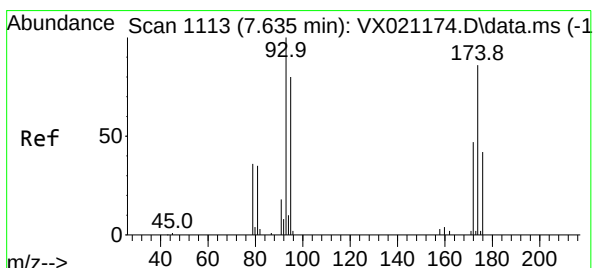
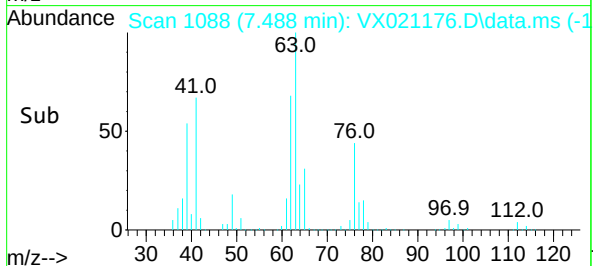
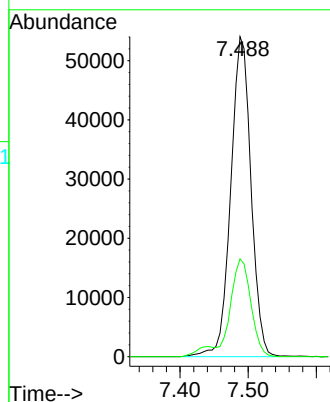
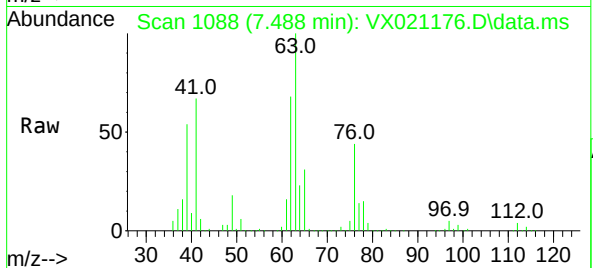
#39
1,2-Dichloropropane
Concen: 119.95 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 63 Resp: 111623
Ion Ratio Lower Upper
63 100
65 30.5 25.6 38.4

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

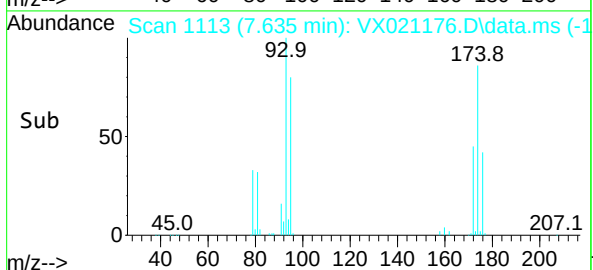
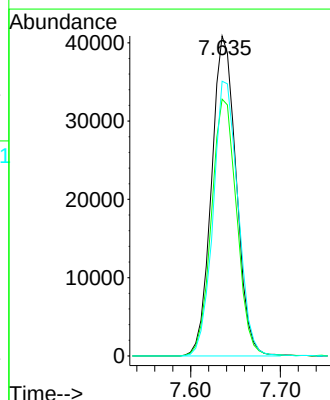
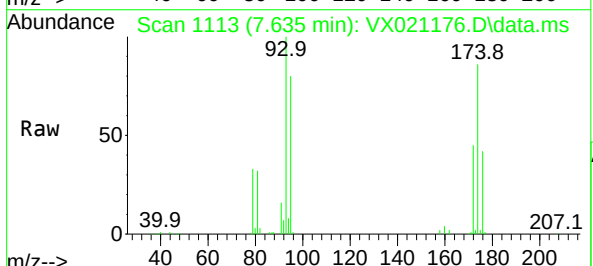
Manual Integrations
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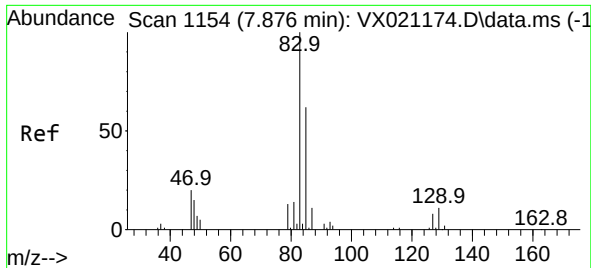
MMDadoda
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#40
Dibromomethane
Concen: 121.62 ug/l
RT: 7.635 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 93 Resp: 78067
Ion Ratio Lower Upper
93 100
95 81.9 0.0 167.4
174 86.4 0.0 211.8





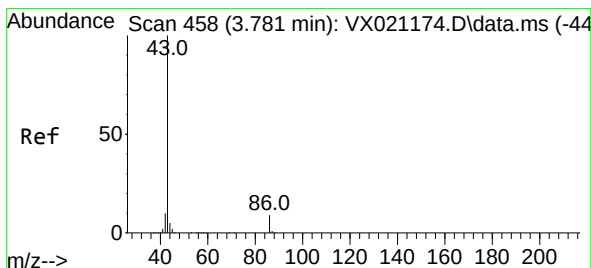
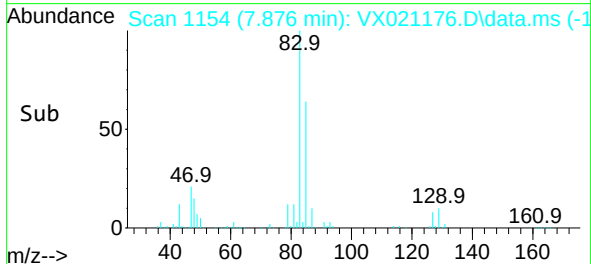
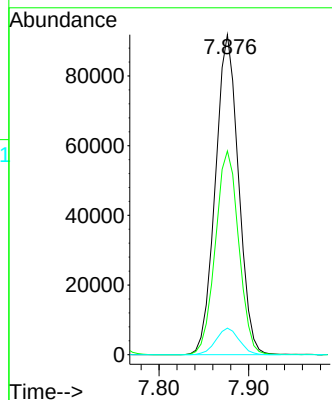
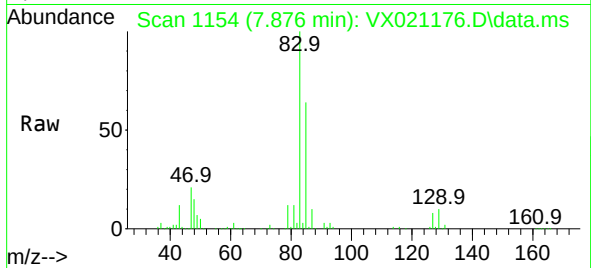
#41
Bromodichloromethane
Concen: 122.65 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 83 Resp: 164541
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0
127 8.3 7.1 10.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

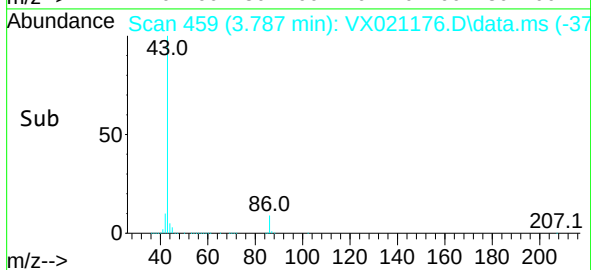
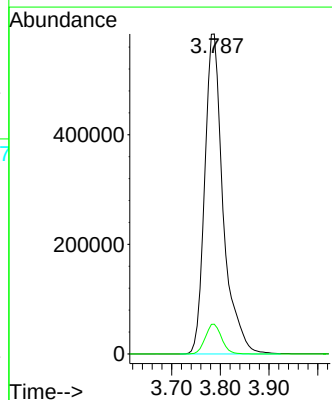
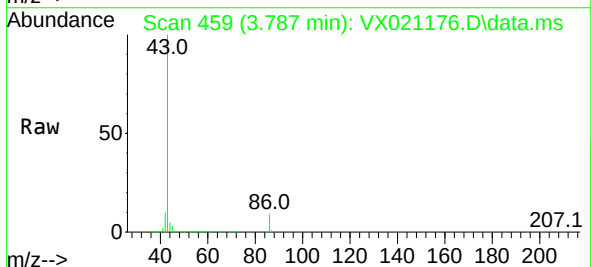
Manual Integrations
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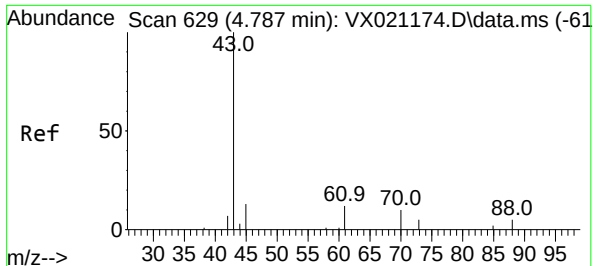
MMDadoda
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#42
Vinyl Acetate
Concen: 652.08 ug/l
RT: 3.787 min Scan# 459
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 43 Resp: 1531709
Ion Ratio Lower Upper
43 100
86 8.2 9.0 13.4#





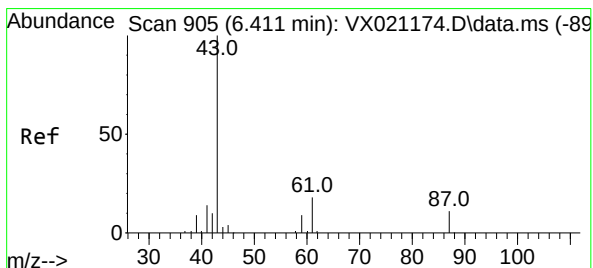
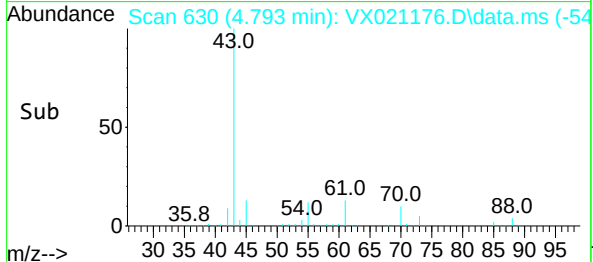
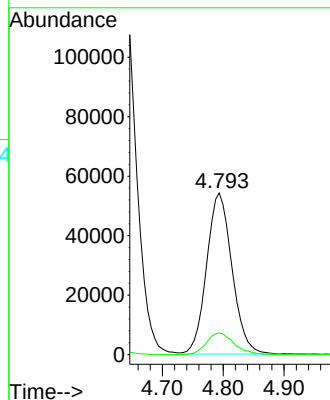
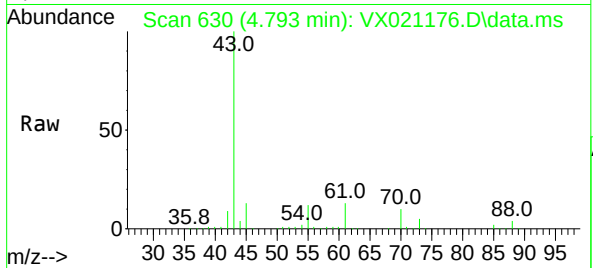
#43
Ethyl Acetate
Concen: 129.57 ug/l
RT: 4.793 min Scan# 630
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 43 Resp: 156998
Ion Ratio Lower Upper
43 100
45 14.6 12.2 18.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

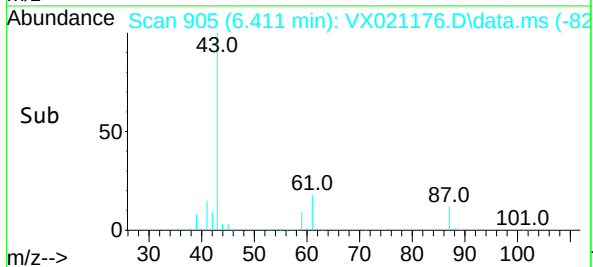
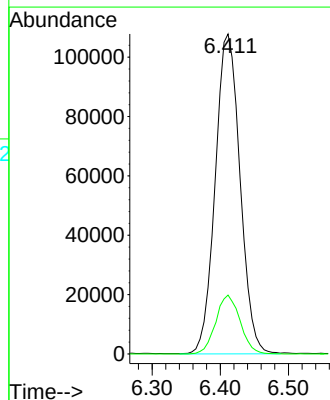
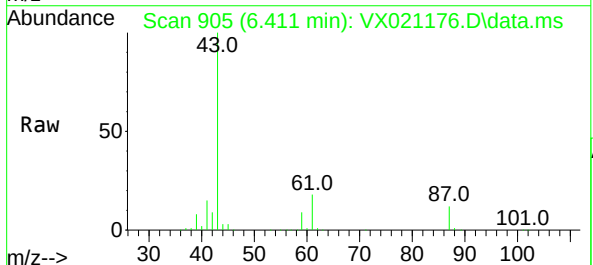
Manual Integrations
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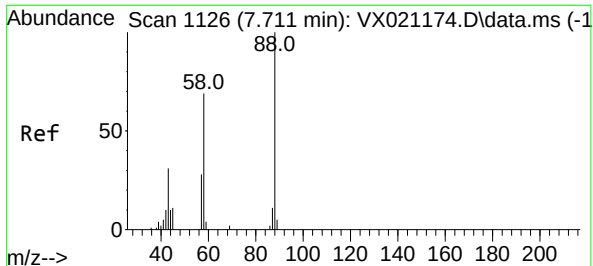
MMDadoda
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#44
Isopropyl Acetate
Concen: 134.04 ug/l
RT: 6.411 min Scan# 905
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 43 Resp: 272960
Ion Ratio Lower Upper
43 100
61 18.1 18.1 27.1#





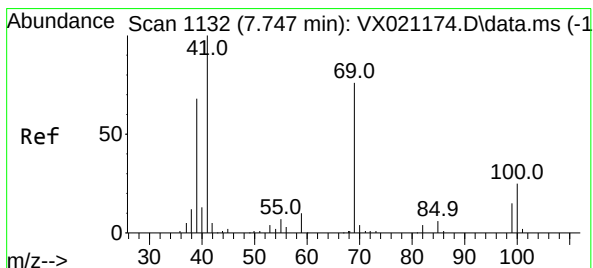
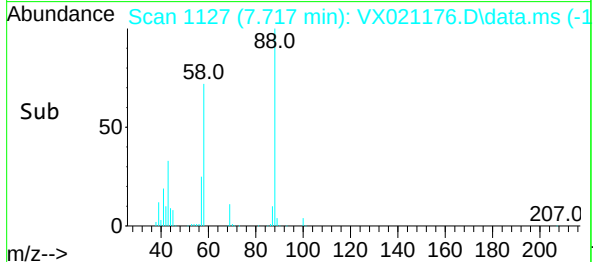
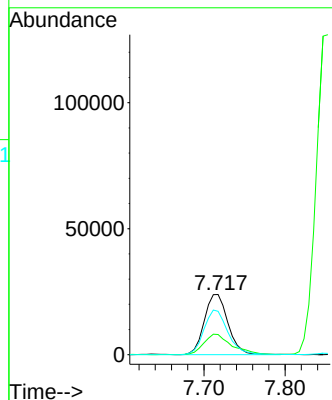
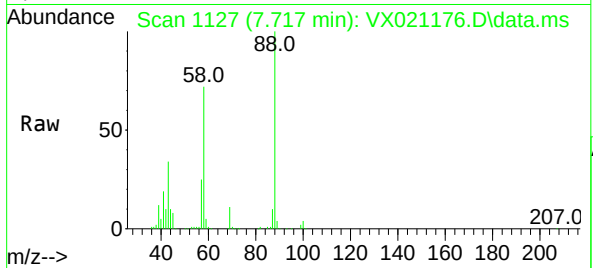
#45
1,4-Dioxane
Concen: 2127.82 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 88 Resp: 48326
Ion Ratio Lower Upper
88 100
43 39.1 22.2 33.2#
58 74.9 53.9 80.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

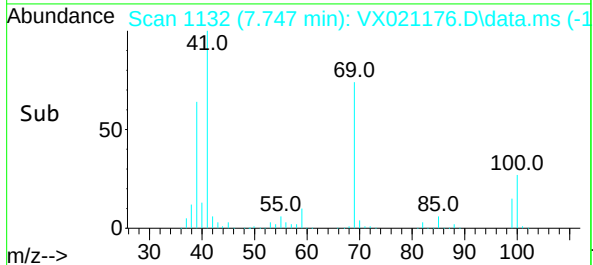
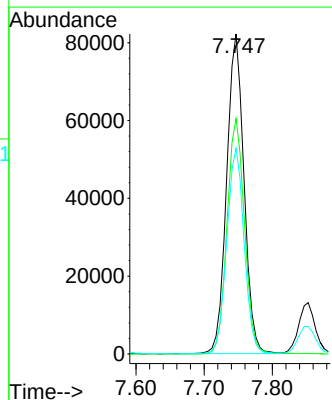
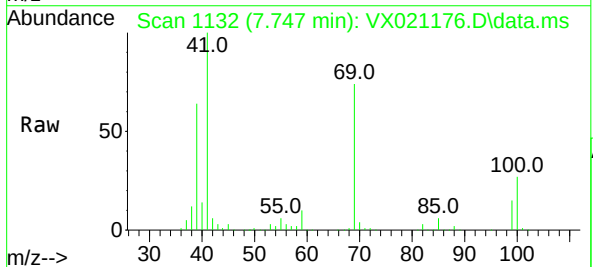
Manual Integrations
APPROVED

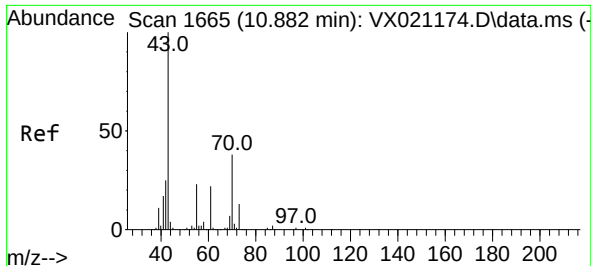
MMDadoda
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#46
Methyl methacrylate
Concen: 141.22 ug/l
RT: 7.747 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 41 Resp: 145392
Ion Ratio Lower Upper
41 100
69 73.6 46.9 140.6
39 64.3 28.0 83.9





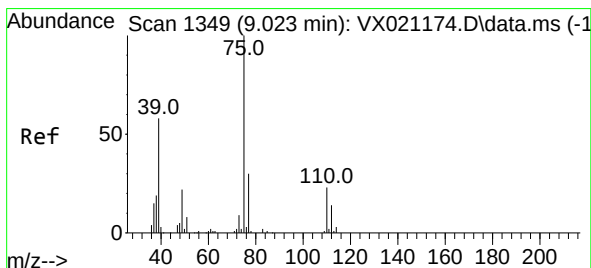
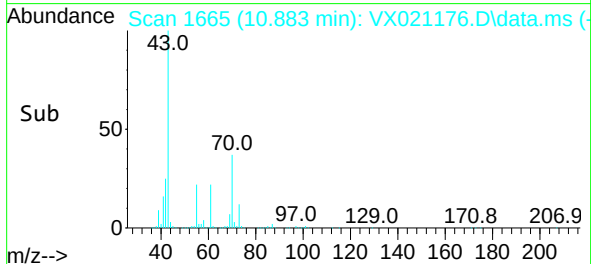
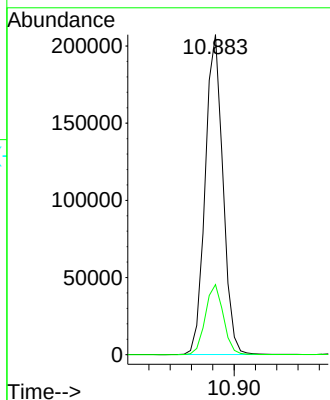
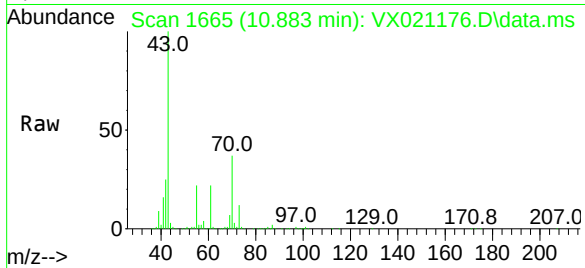
#47
n-amy1 Acetate
Concen: 140.06 ug/l
RT: 10.883 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 43 Resp: 239900
Ion Ratio Lower Upper
43 100
55 22.4 21.8 32.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

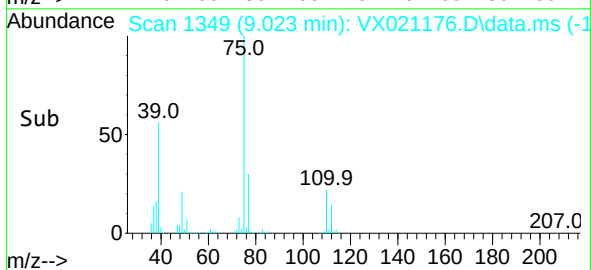
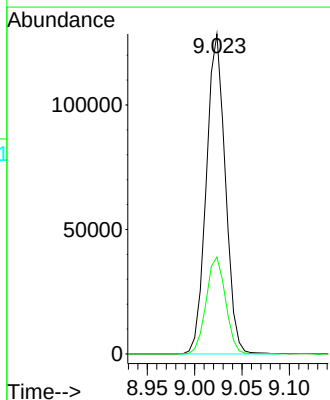
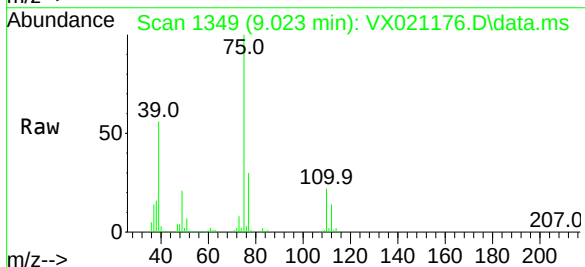
Manual Integrations
APPROVED

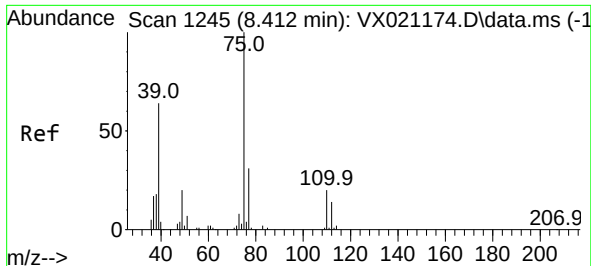
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#48
t-1,3-Dichloropropene
Concen: 122.00 ug/l
RT: 9.023 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

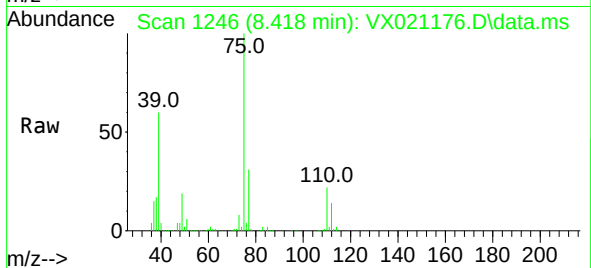
Tgt Ion: 75 Resp: 179256
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.6





#49
cis-1,3-Dichloropropene
Concen: 117.42 ug/l
RT: 8.418 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

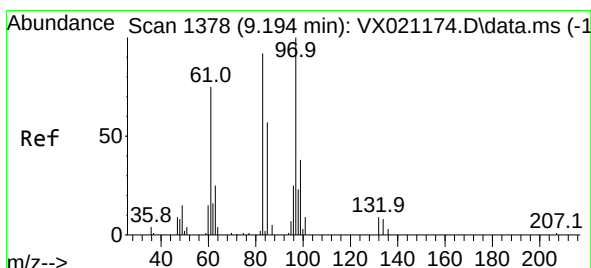
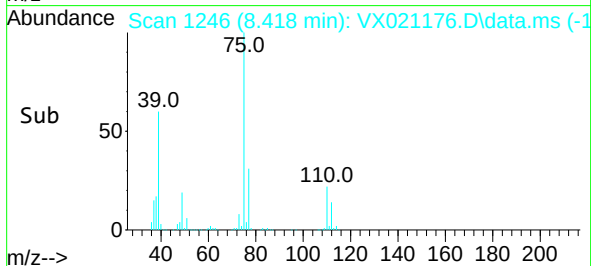
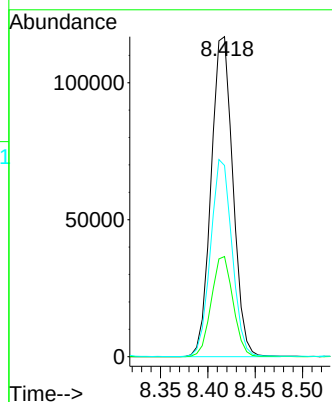
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 187077
Ion Ratio Lower Upper
75 100
77 31.3 24.4 36.6
39 59.7 35.4 53.0#

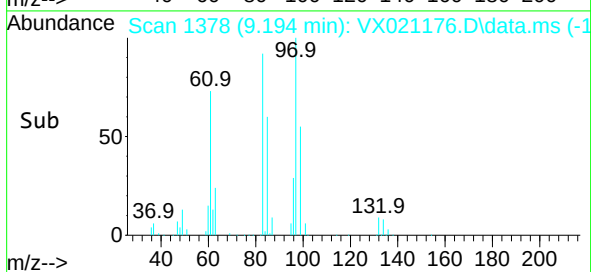
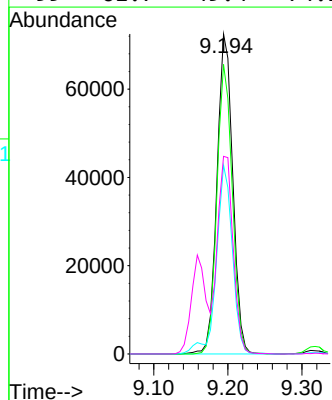
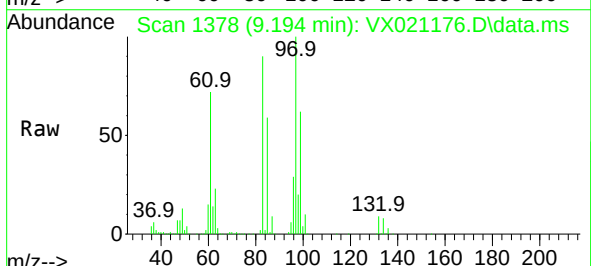
Manual Integrations
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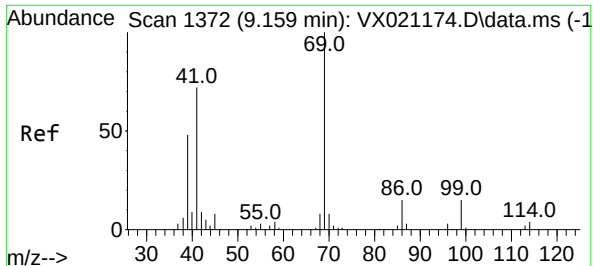
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3/15/2021 3:18:45 PM



#50
1,1,2-Trichloroethane
Concen: 116.56 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 97 Resp: 107361
Ion Ratio Lower Upper
97 100
83 90.5 68.5 102.7
85 58.9 43.8 65.6
99 61.7 49.4 74.2





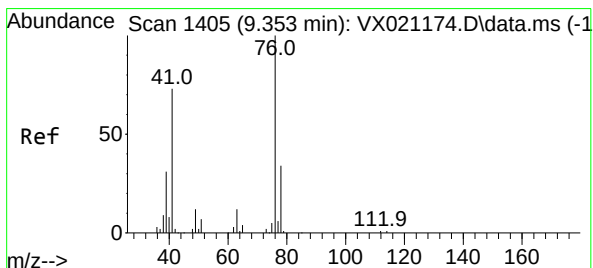
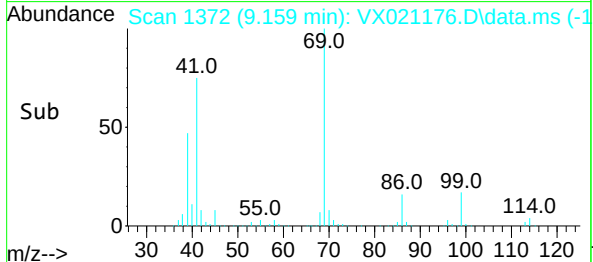
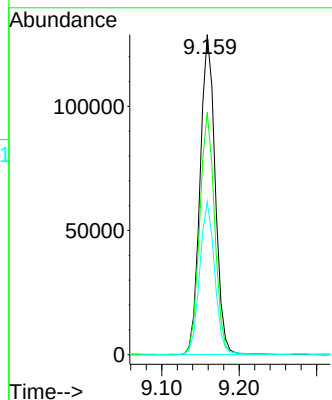
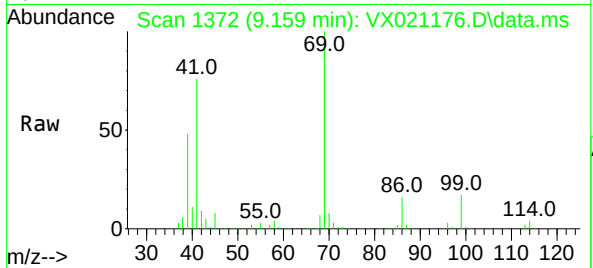
#51
Ethyl methacrylate
Concen: 119.68 ug/l
RT: 9.159 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 69 Resp: 174548
Ion Ratio Lower Upper
69 100
41 75.7 29.1 87.4
39 47.7 15.4 46.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

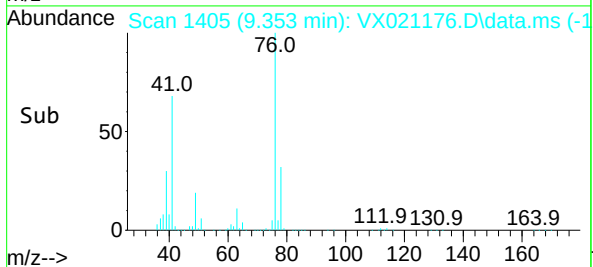
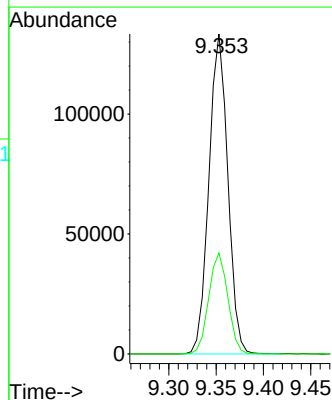
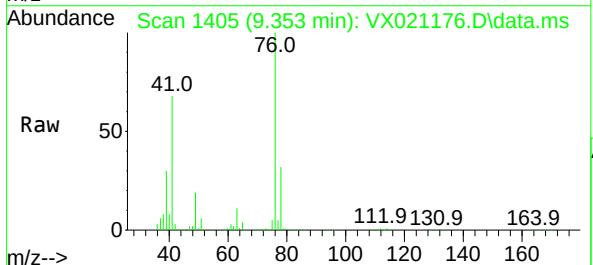
Manual Integrations
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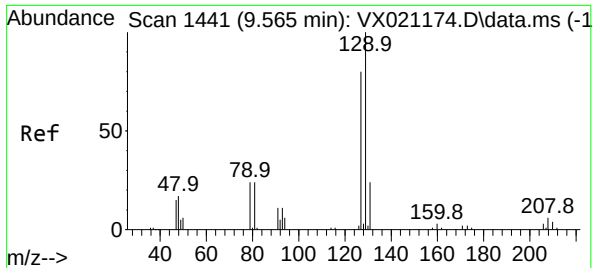
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#52
1,3-Dichloropropane
Concen: 117.77 ug/l
RT: 9.353 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 76 Resp: 185065
Ion Ratio Lower Upper
76 100
78 31.9 0.0 66.0





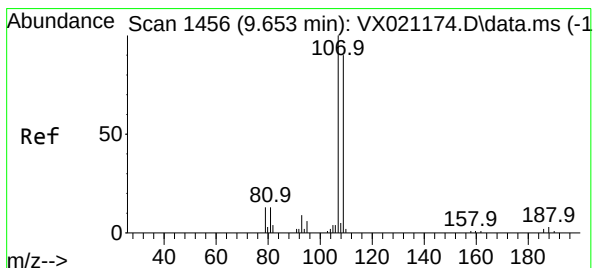
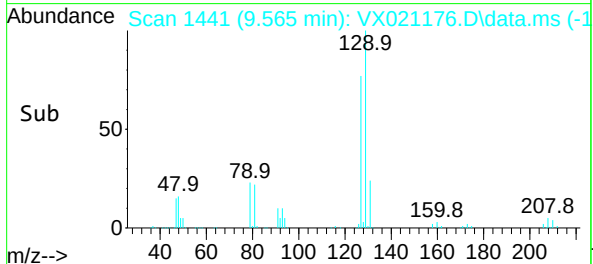
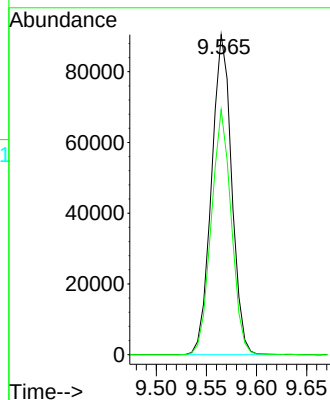
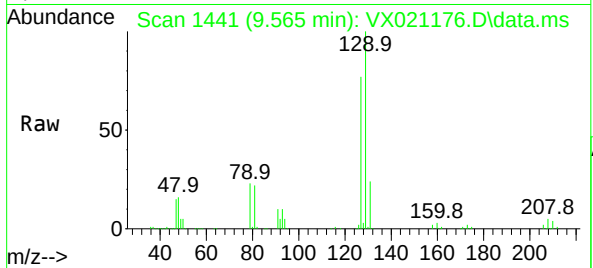
#53
Dibromochloromethane
Concen: 126.80 ug/l
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:129 Resp: 126528
Ion Ratio Lower Upper
129 100
127 75.8 38.4 115.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

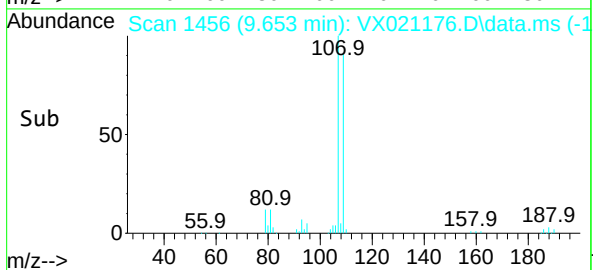
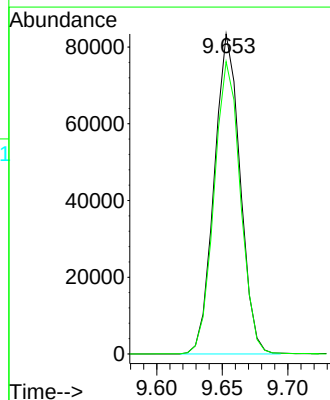
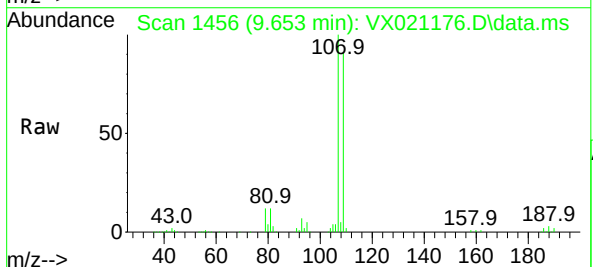
Manual Integrations
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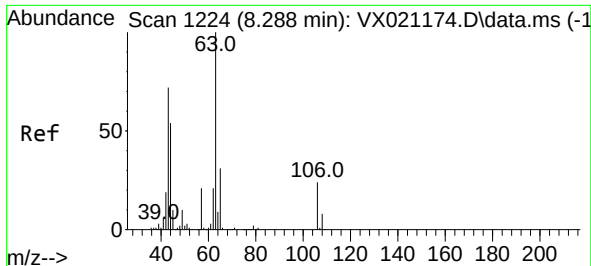
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#54
1,2-Dibromoethane
Concen: 118.33 ug/l
RT: 9.653 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:107 Resp: 114441
Ion Ratio Lower Upper
107 100
109 92.7 73.6 110.4





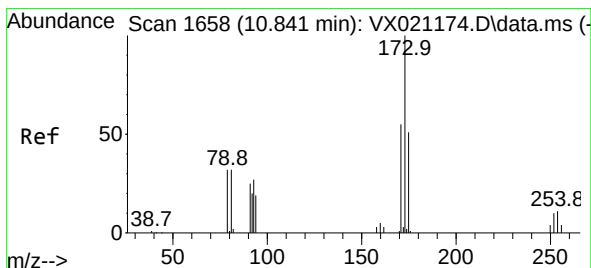
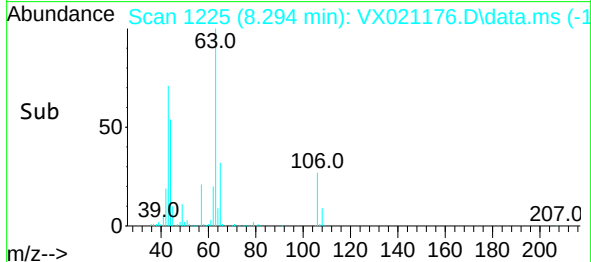
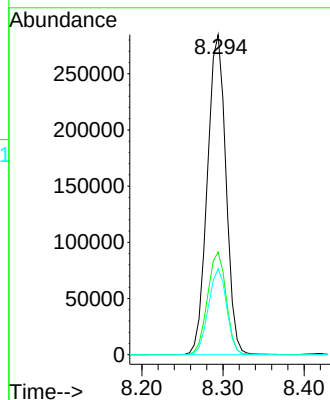
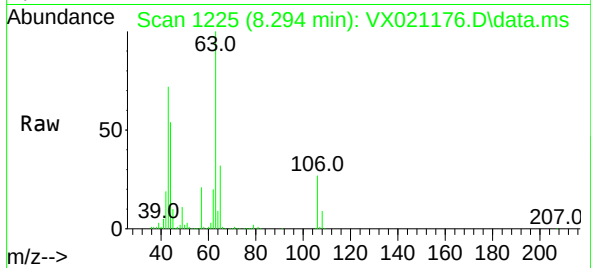
#55
2-Chloroethyl vinyl ether
Concen: 640.45 ug/l
RT: 8.294 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 63 Resp: 452299
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 26.4 23.9 35.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

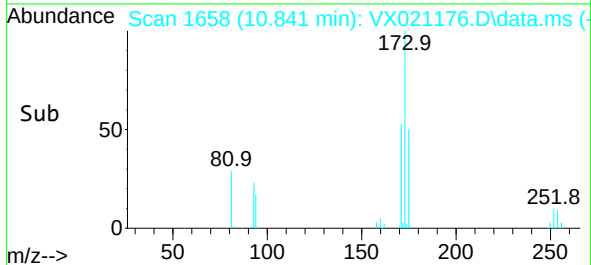
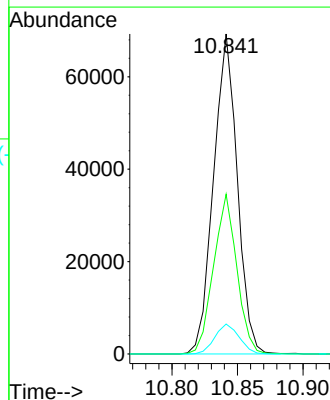
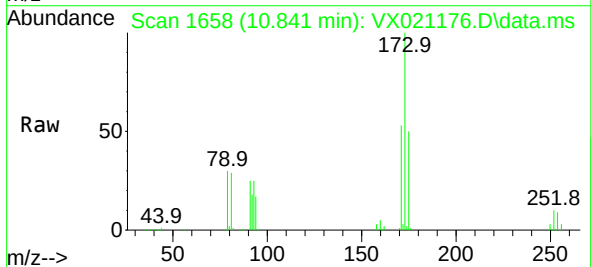
Manual Integrations
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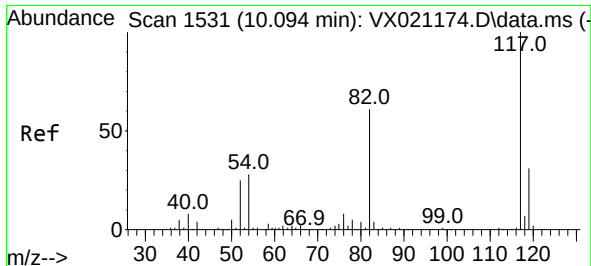
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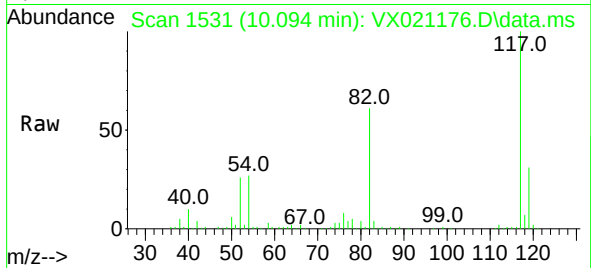
#56
Bromoform
Concen: 124.78 ug/l
RT: 10.841 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 173 Resp: 87048
Ion Ratio Lower Upper
173 100
175 49.0 38.1 57.1
254 9.6 8.2 12.4

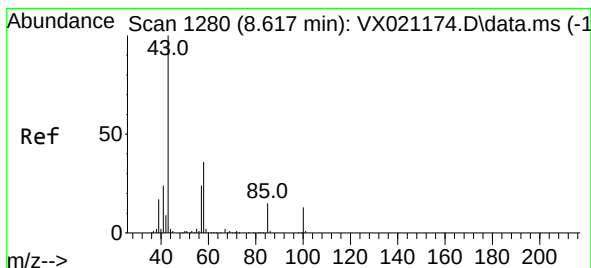
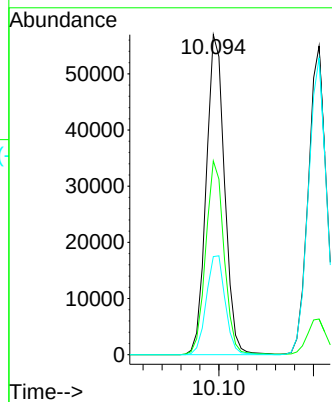
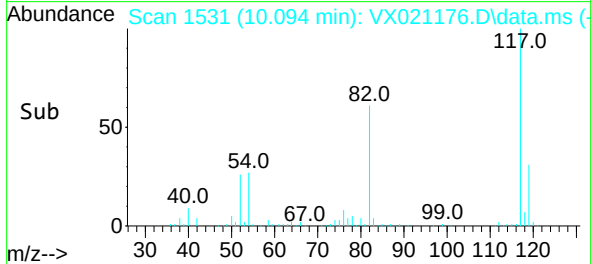




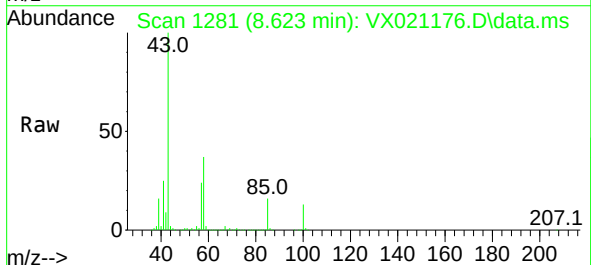
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



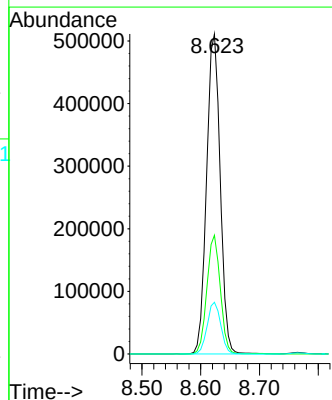
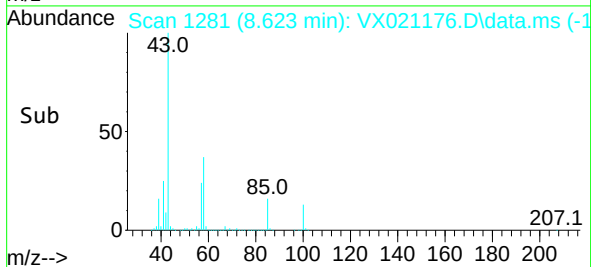
Tgt Ion: 117 Resp: 76659
Ion Ratio Lower Upper
117 100
82 60.4 45.0 67.6
119 32.0 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 636.12 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



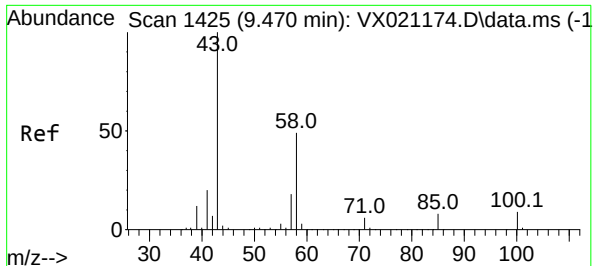
Tgt Ion: 43 Resp: 822315
Ion Ratio Lower Upper
43 100
58 36.5 35.2 52.8
85 16.2 16.8 25.2#



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
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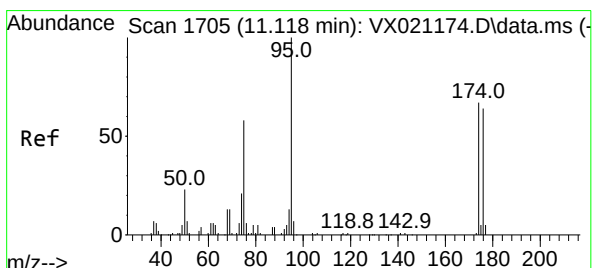
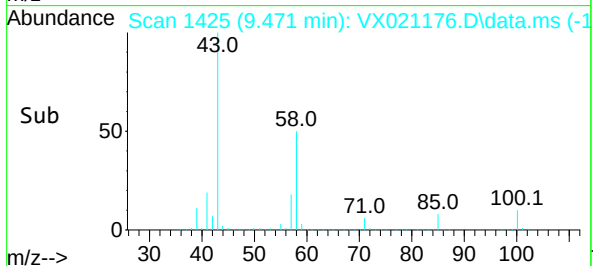
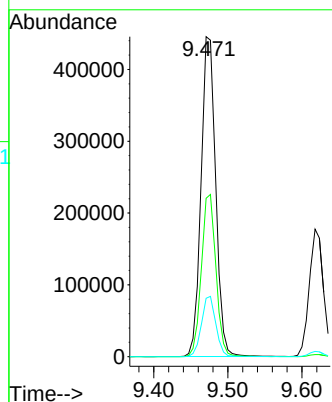
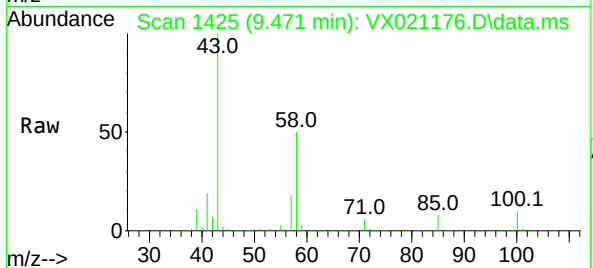
#59
2-Hexanone
Concen: 627.26 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 43 Resp: 611950
Ion Ratio Lower Upper
43 100
58 50.5 49.0 73.6
57 18.6 17.1 25.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

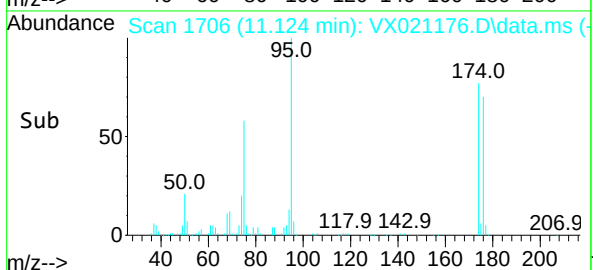
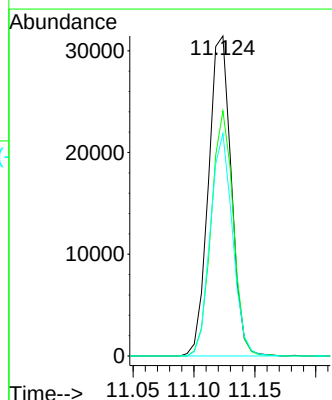
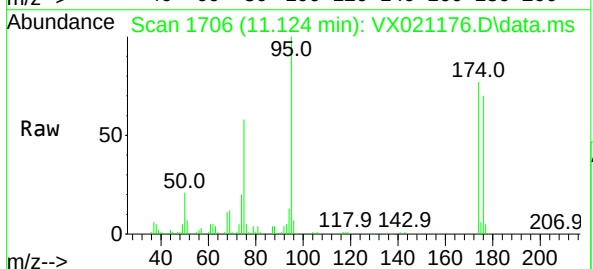
Manual Integrations
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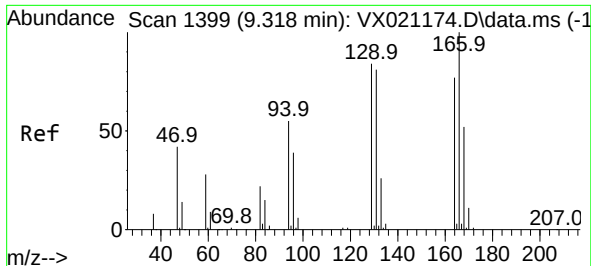
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 31.58 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

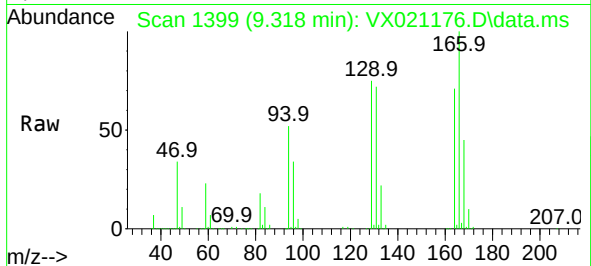
Tgt Ion: 95 Resp: 40992
Ion Ratio Lower Upper
95 100
174 73.5 63.0 94.4
176 67.7 59.9 89.9





#61
Tetrachloroethene
Concen: 112.45 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

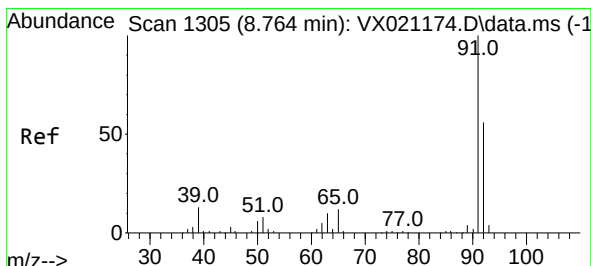
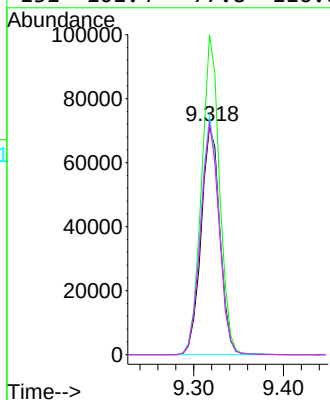
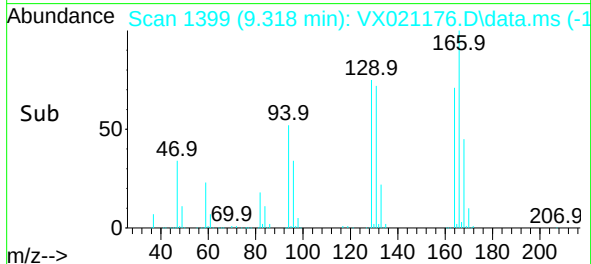
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



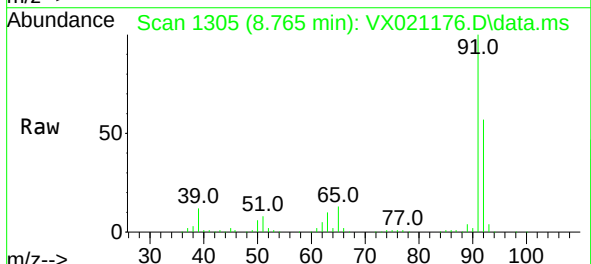
Tgt Ion:164 Resp: 103550
Ion Ratio Lower Upper
164 100
166 139.9 102.8 154.2
129 104.5 75.8 113.8
131 101.4 77.8 116.6

Manual Integrations
APPROVED

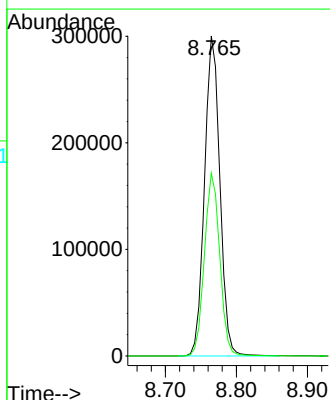
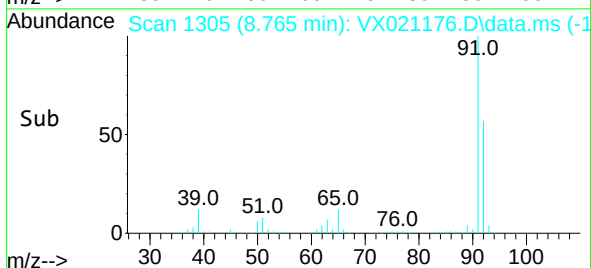
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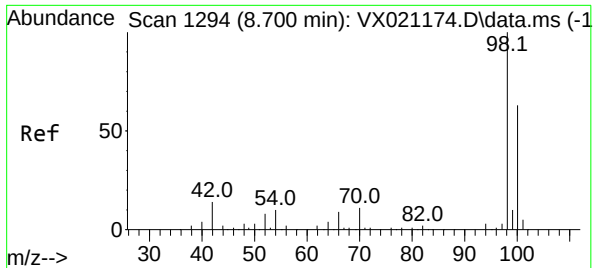


#62
Toluene
Concen: 106.14 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



Tgt Ion: 91 Resp: 452383
Ion Ratio Lower Upper
91 100
92 57.1 47.2 70.8





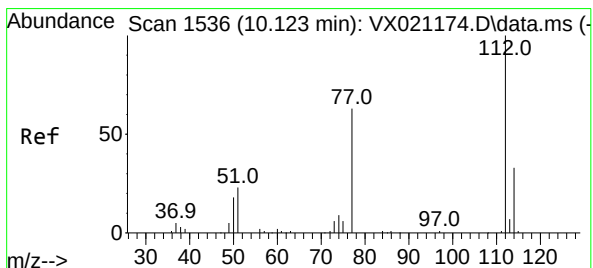
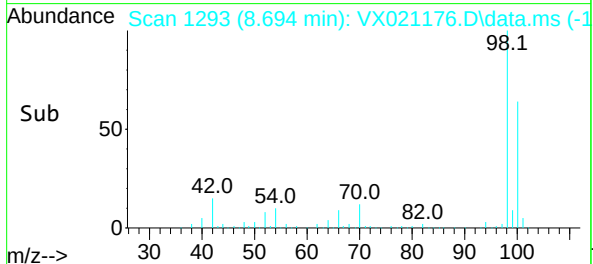
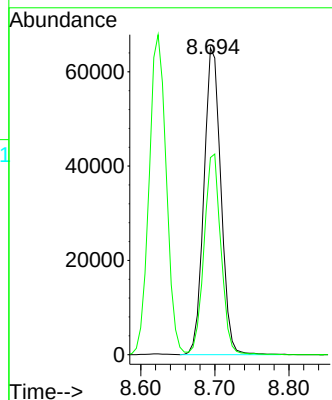
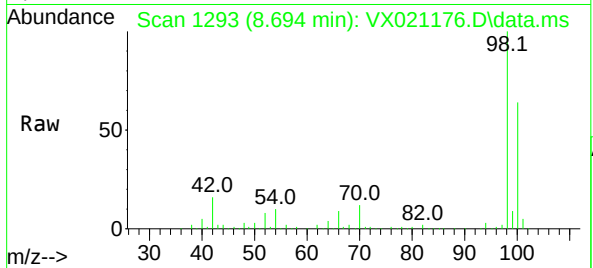
#63
Toluene-d8
Concen: 29.63 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 98 Resp: 103596
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

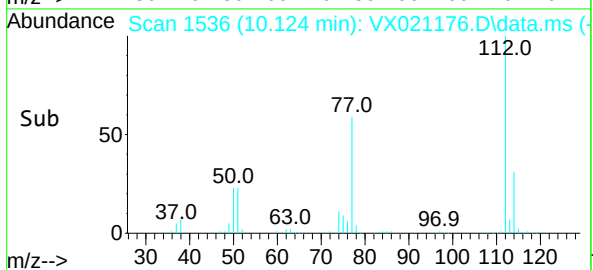
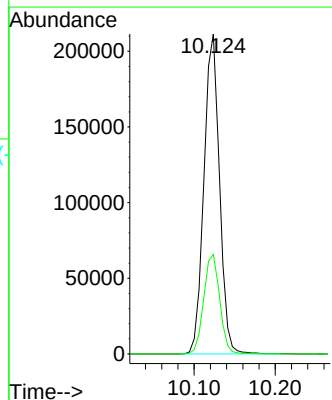
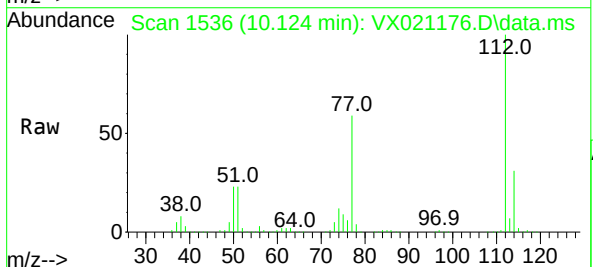
Manual Integrations
APPROVED

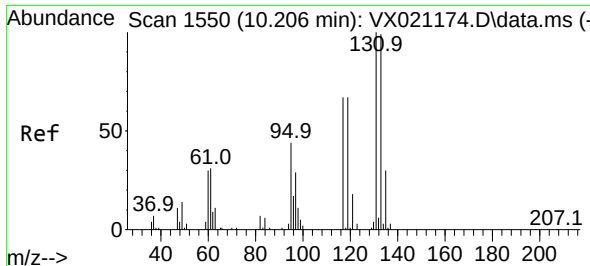
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3/15/2021 3:18:45 PM



#64
Chlorobenzene
Concen: 107.47 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

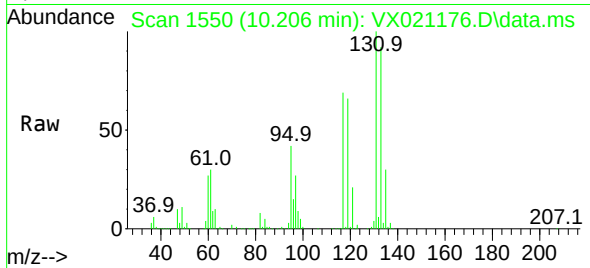
Tgt Ion: 112 Resp: 281334
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 111.33 ug/l
RT: 10.206 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

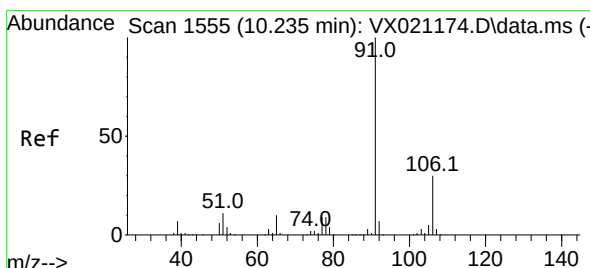
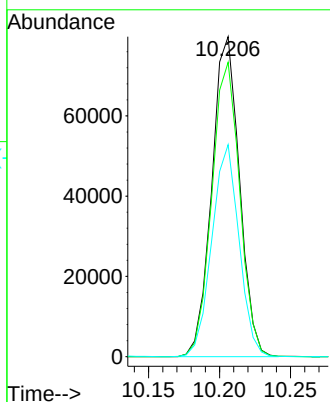
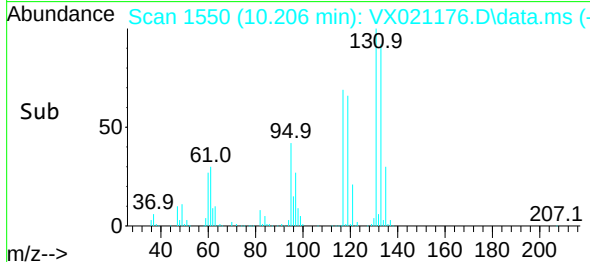
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



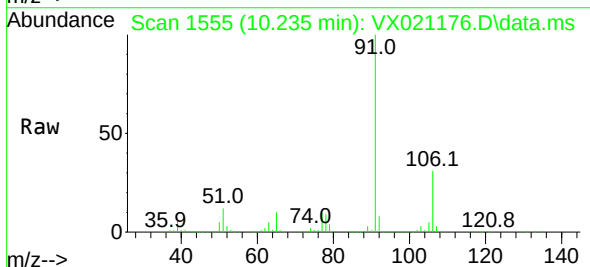
Tgt Ion:131 Resp: 108000
Ion Ratio Lower Upper
131 100
133 92.9 0.0 189.6
119 65.1 0.0 129.0

Manual Integrations
APPROVED

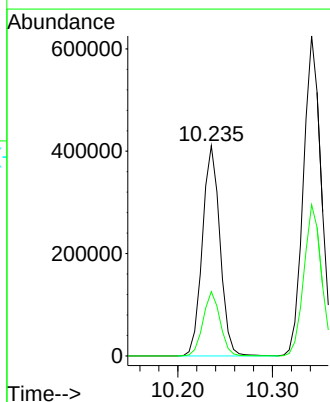
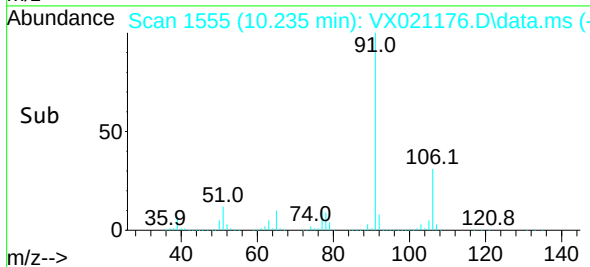
MMDadoda
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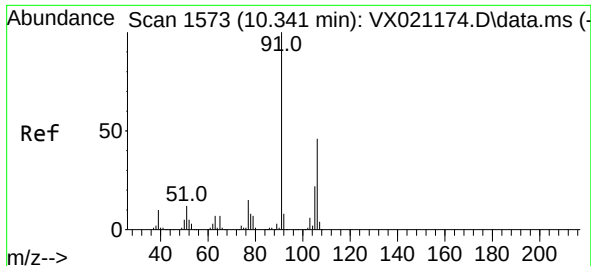


#66
Ethyl Benzene
Concen: 111.49 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



Tgt Ion: 91 Resp: 530394
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4





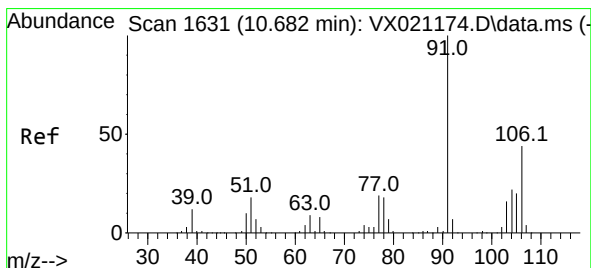
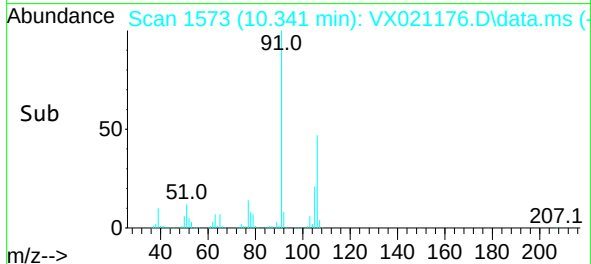
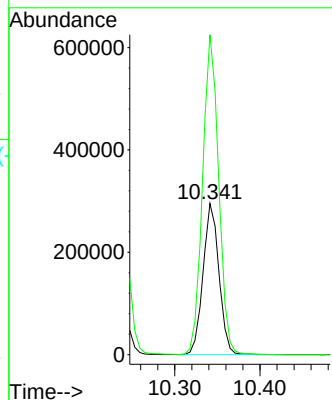
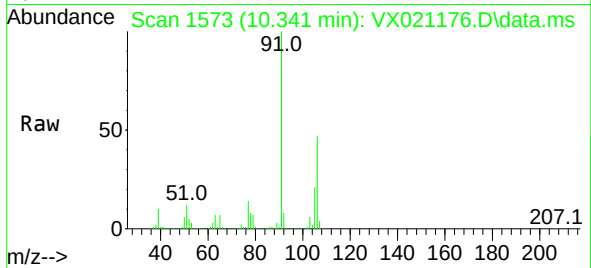
#67
m/p-Xylenes
Concen: 217.84 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:106 Resp: 383514
Ion Ratio Lower Upper
106 100
91 213.8 164.0 246.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

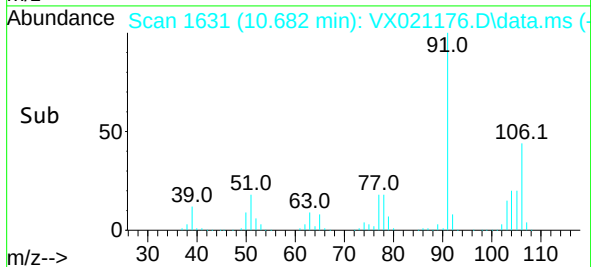
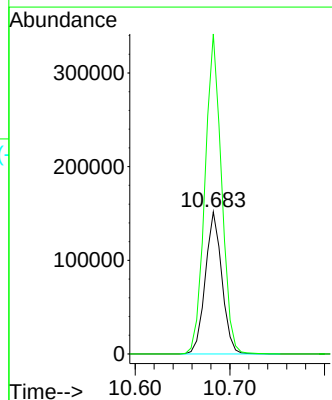
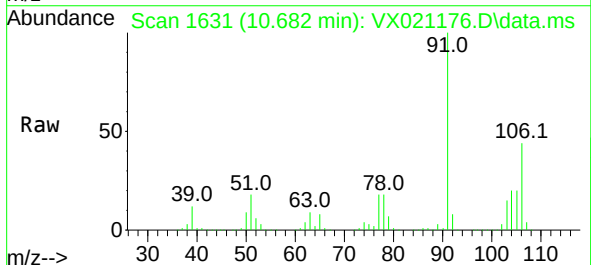
Manual Integrations
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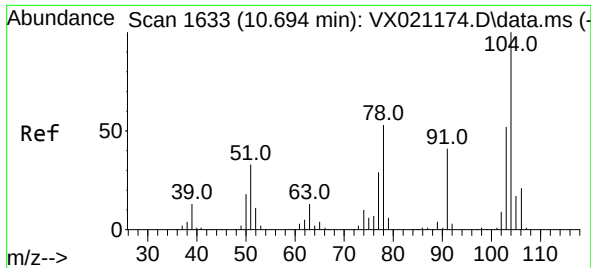
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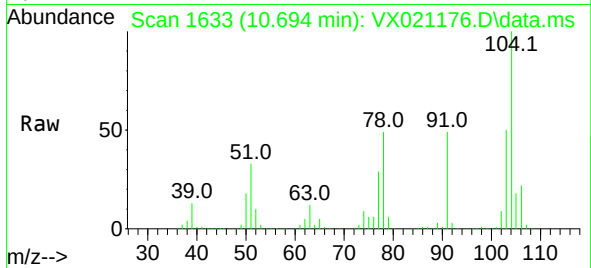
#68
o-Xylene
Concen: 109.49 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:106 Resp: 183864
Ion Ratio Lower Upper
106 100
91 225.2 106.5 319.6

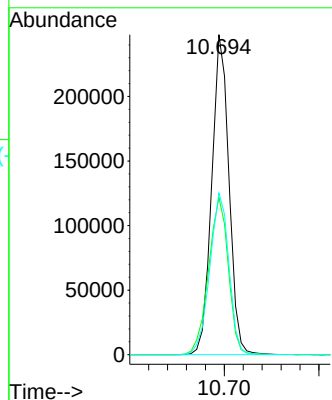
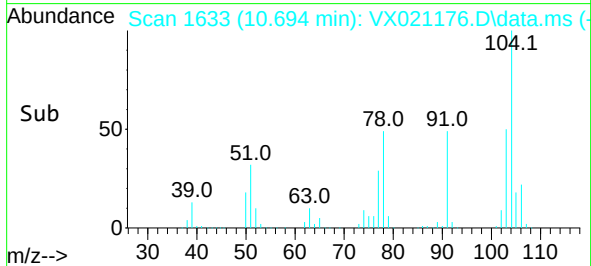




#69
Styrene
Concen: 107.66 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



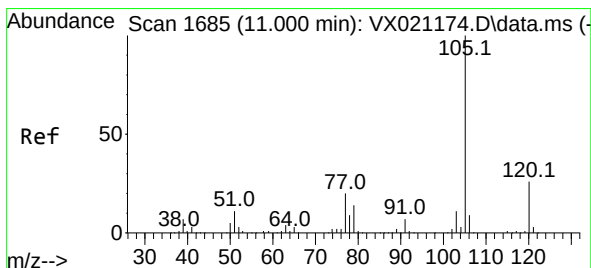
Tgt Ion:104 Resp: 313251
Ion Ratio Lower Upper
104 100
78 56.4 39.2 58.8
103 56.1 43.0 64.4



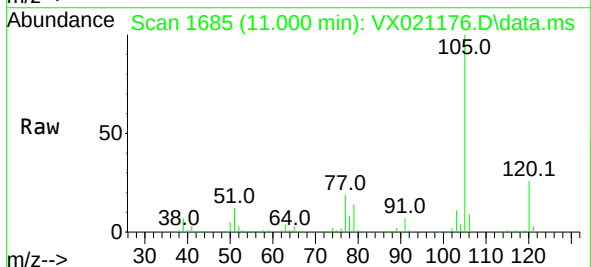
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

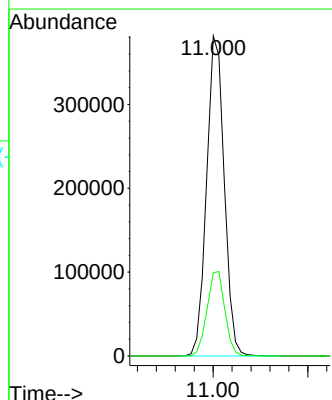
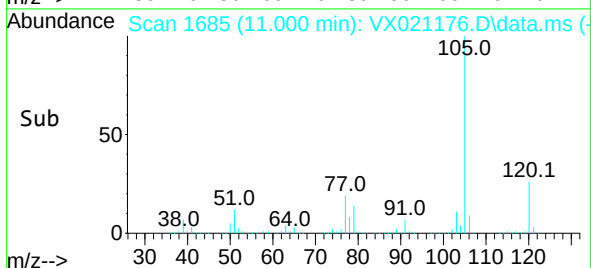
MMDadoda
3/15/2021 3:18:45 PM

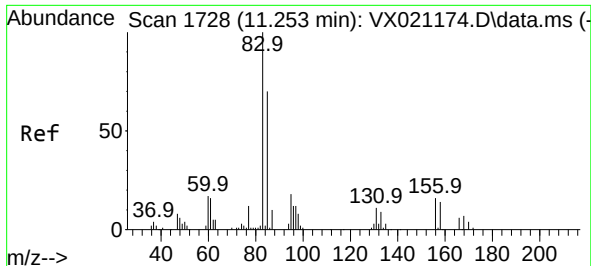


#70
Isopropylbenzene
Concen: 108.51 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



Tgt Ion:105 Resp: 492594
Ion Ratio Lower Upper
105 100
120 26.8 18.4 34.2





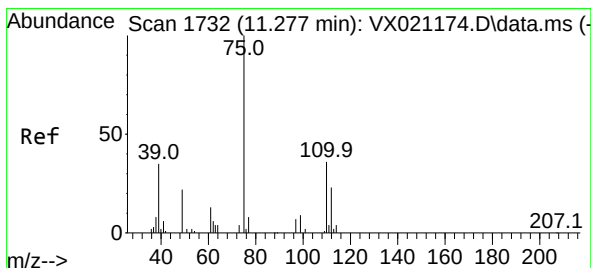
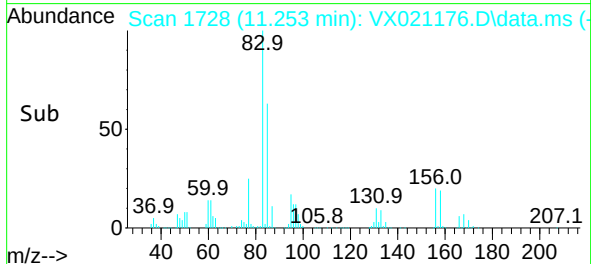
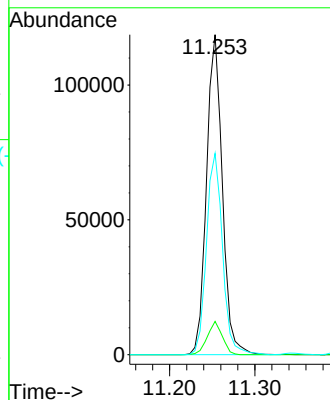
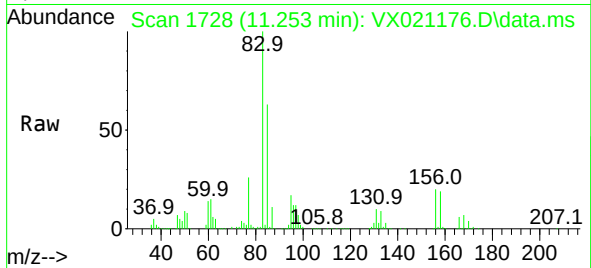
#71
1,1,2,2-Tetrachloroethane
Concen: 107.47 ug/l
RT: 11.253 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 83 Resp: 152999
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.0 32.0 96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

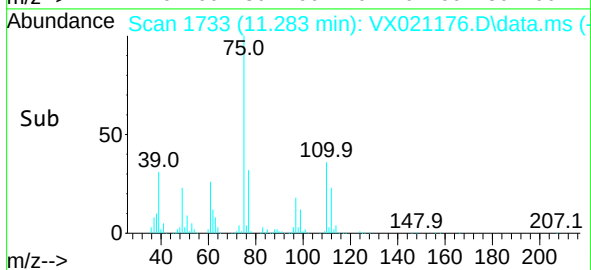
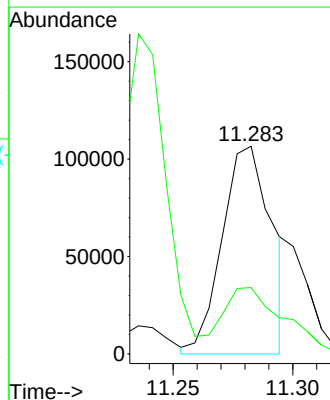
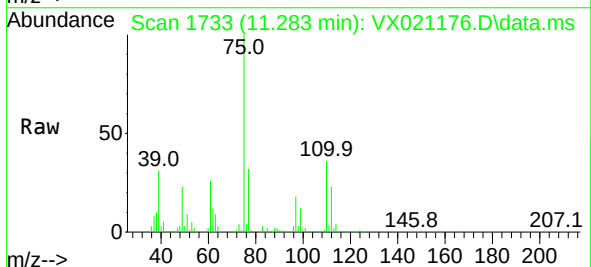
Manual Integrations
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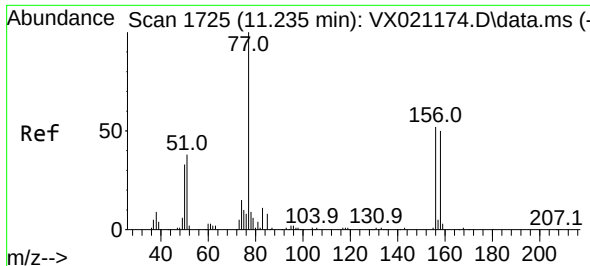
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#72
1,2,3-Trichloropropane
Concen: 118.04 ug/l m
RT: 11.283 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

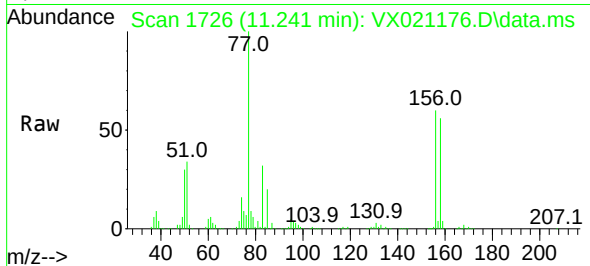
Tgt Ion: 75 Resp: 153744
Ion Ratio Lower Upper
75 100
77 40.6 0.0 74.6





#73
Bromobenzene
Concen: 110.95 ug/l
RT: 11.241 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

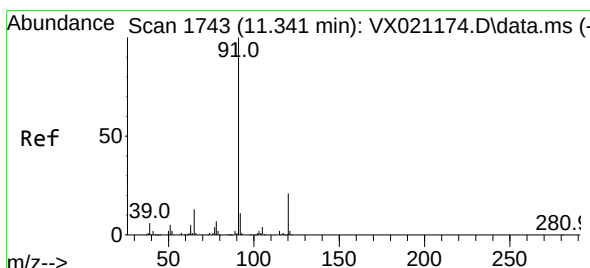
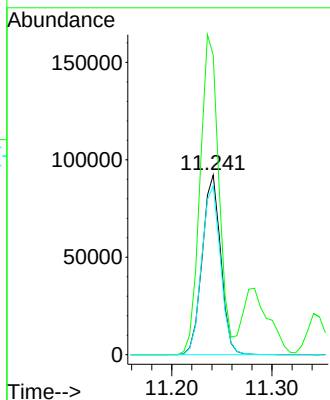
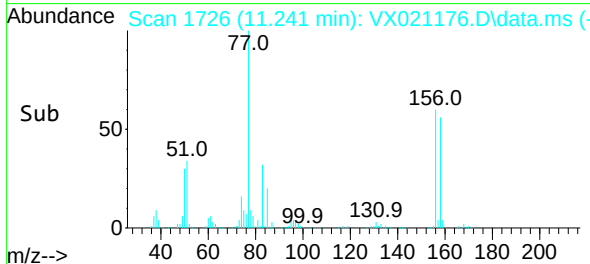
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



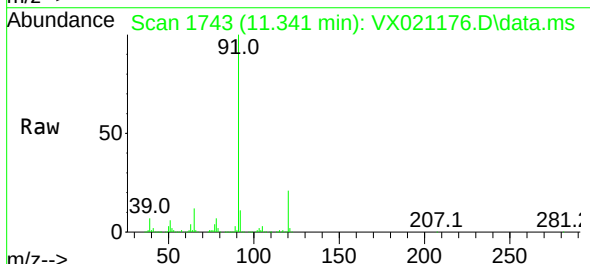
Tgt Ion:156 Resp: 118459
Ion Ratio Lower Upper
156 100
77 180.2 0.0 324.8
158 95.9 0.0 192.0

Manual Integrations
APPROVED

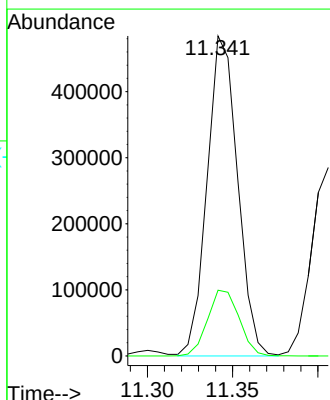
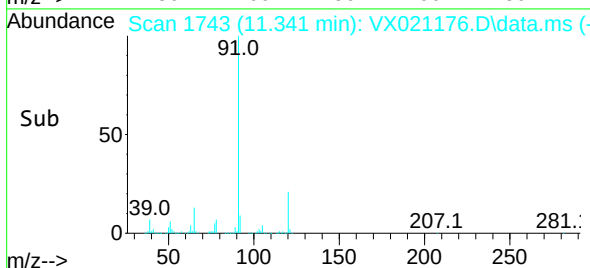
MMDadoda
3/15/2021 3:18:45 PM

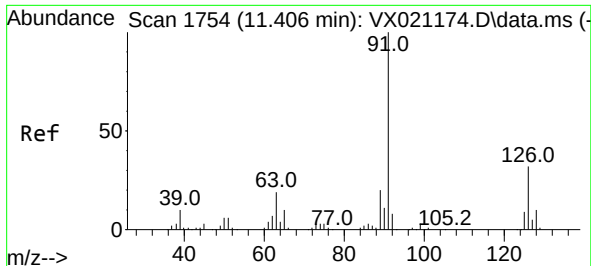


#74
n-propylbenzene
Concen: 115.64 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



Tgt Ion: 91 Resp: 602678
Ion Ratio Lower Upper
91 100
120 21.3 0.0 45.8





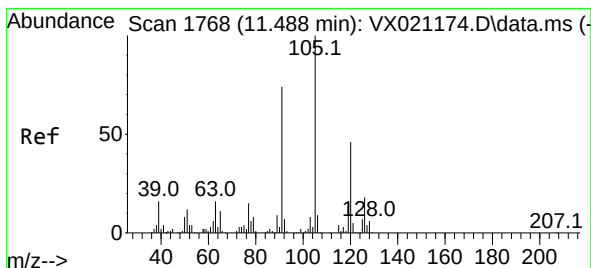
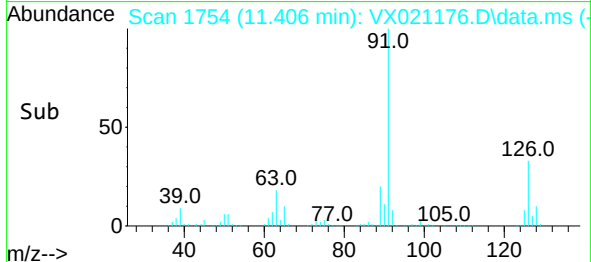
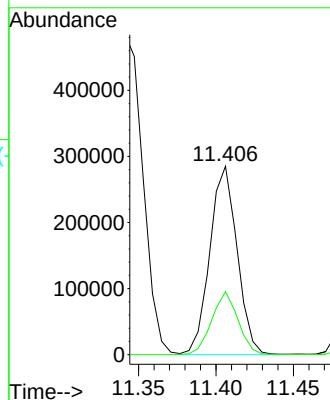
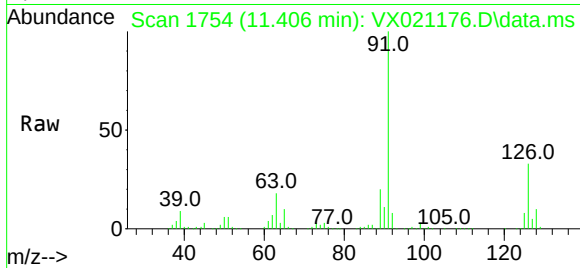
#75
2-Chlorotoluene
Concen: 111.93 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion: 91 Resp: 349413
Ion Ratio Lower Upper
91 100
126 32.2 0.0 66.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

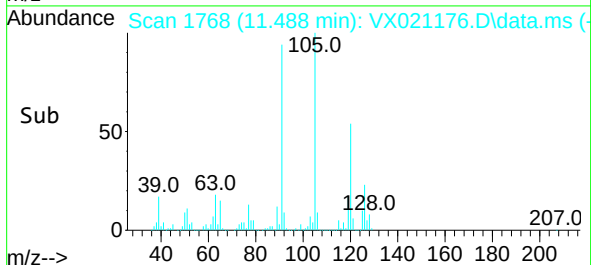
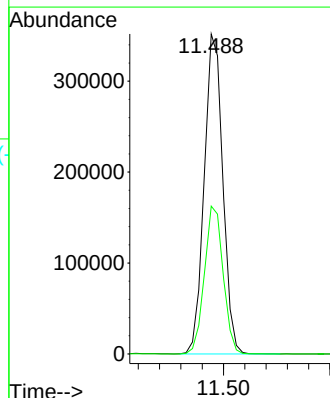
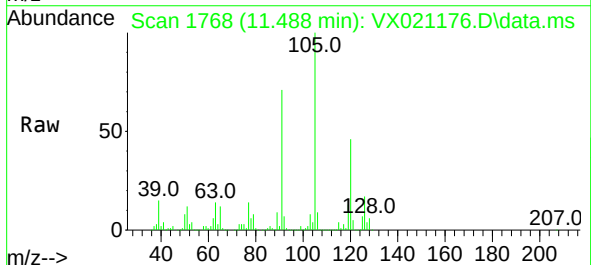
Manual Integrations
APPROVED

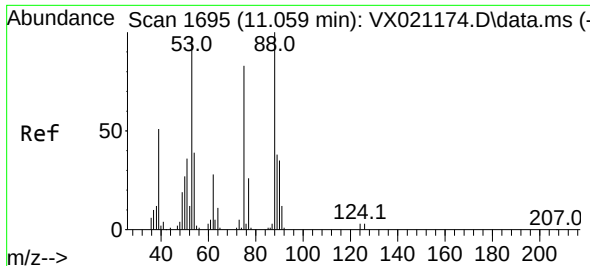
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#76
1,3,5-Trimethylbenzene
Concen: 113.59 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

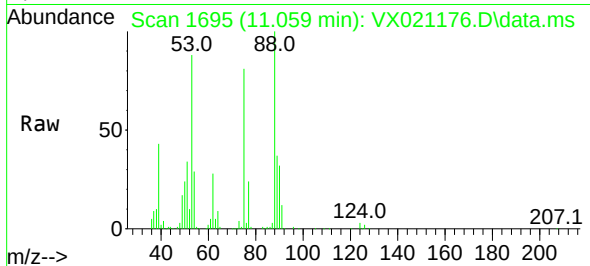
Tgt Ion: 105 Resp: 426474
Ion Ratio Lower Upper
105 100
120 46.6 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 105.52 ug/l
RT: 11.059 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

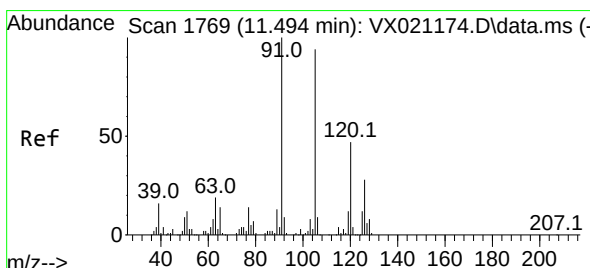
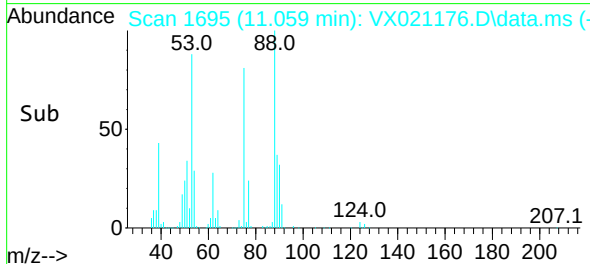
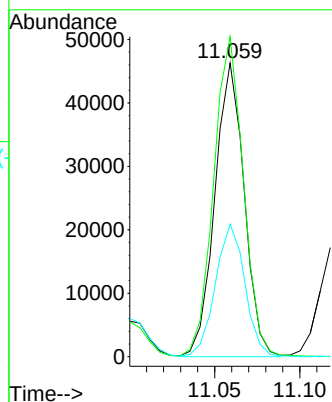
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.0	48.4	145.0
89	45.1	22.7	68.0

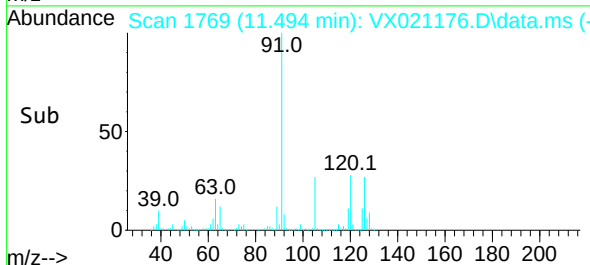
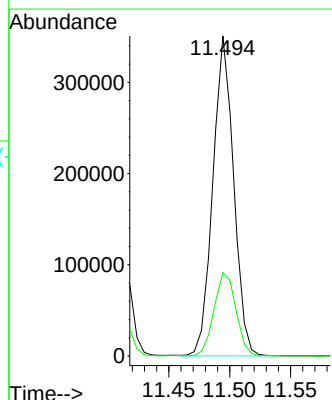
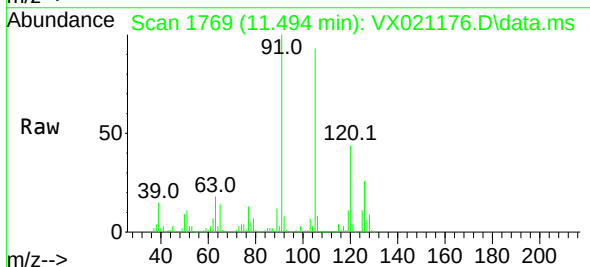
Manual Integrations
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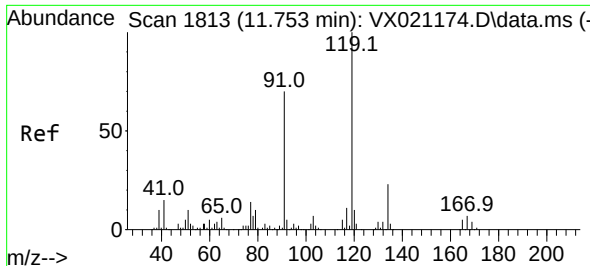
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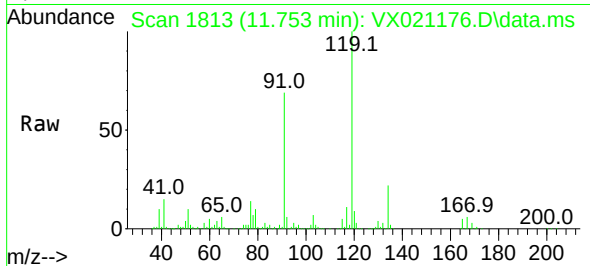
#78
4-Chlorotoluene
Concen: 115.82 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.5	0.0	57.8

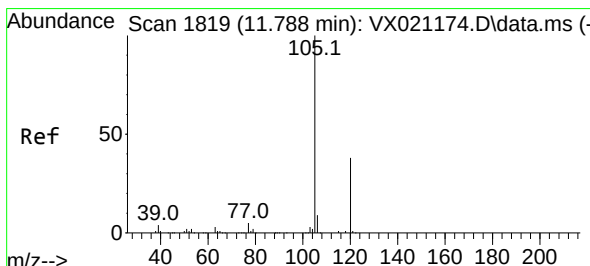
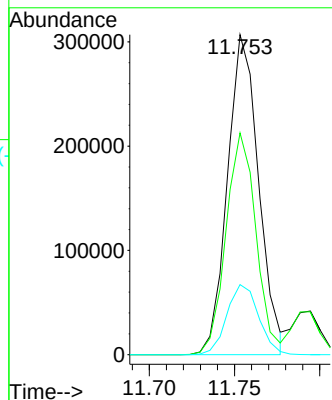
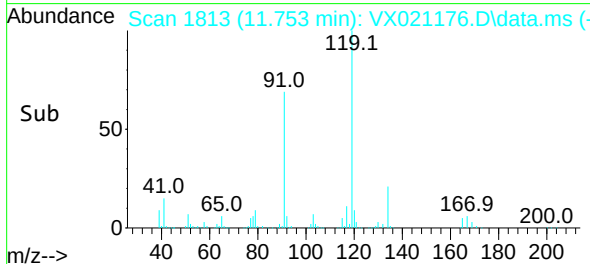




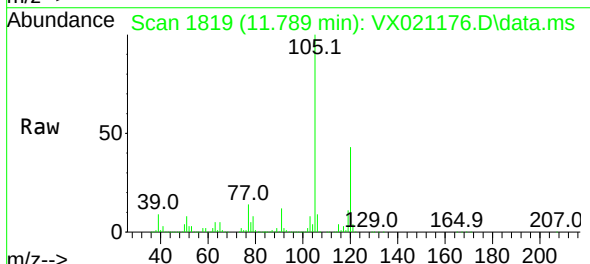
#79
tert-butylbenzene
Concen: 108.87 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



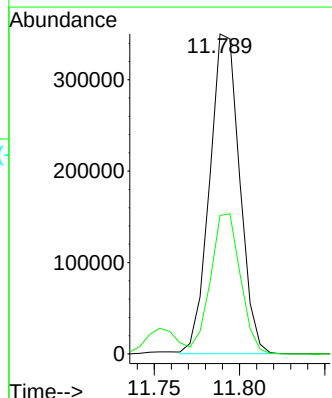
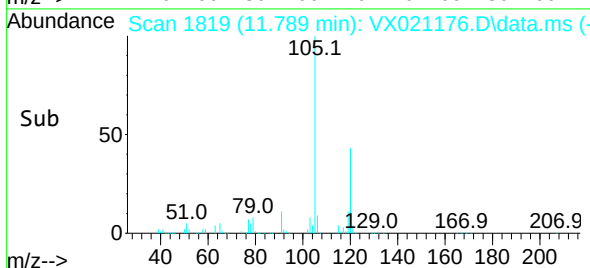
Tgt Ion:119 Resp: 390689
Ion Ratio Lower Upper
119 100
91 66.9 0.0 118.0
134 22.3 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 112.82 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



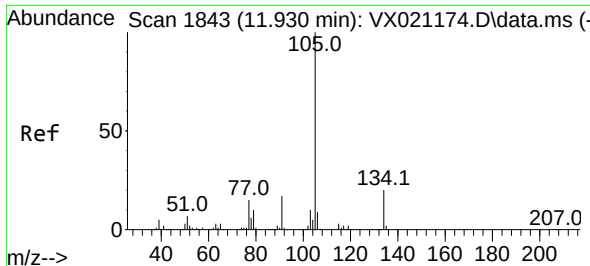
Tgt Ion:105 Resp: 428375
Ion Ratio Lower Upper
105 100
120 43.6 0.0 89.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

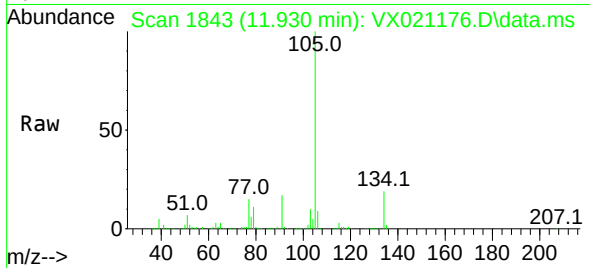
Manual Integrations
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#81
 sec-Butylbenzene
 Concen: 111.23 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: VX021176.D
 Acq: 12 Mar 2021 11:49

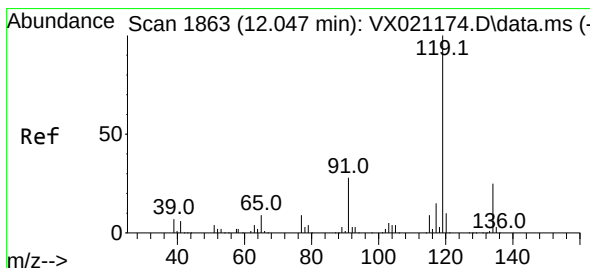
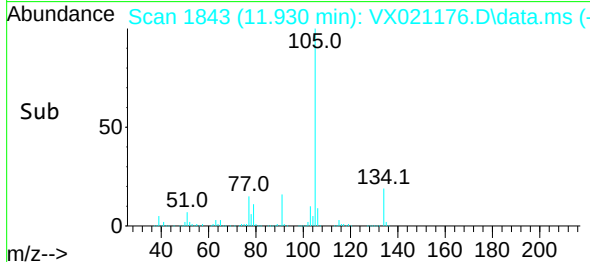
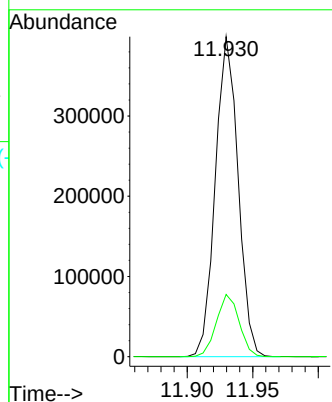
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



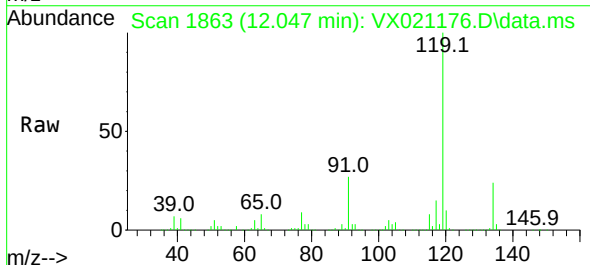
Tgt Ion:105 Resp: 480717
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.6

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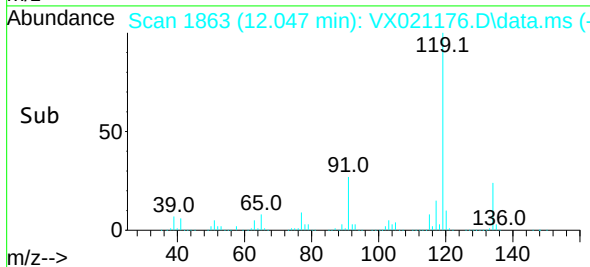
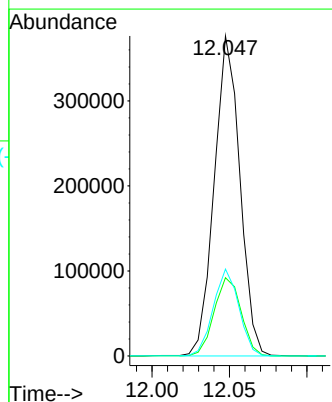
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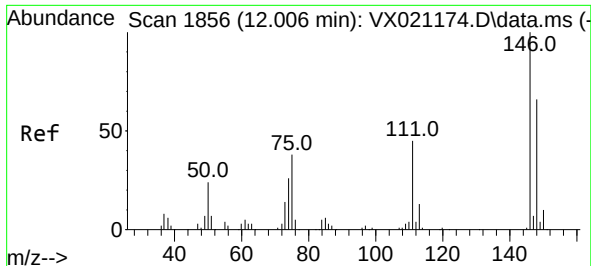


#82
 p-Isopropyltoluene
 Concen: 110.77 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021176.D
 Acq: 12 Mar 2021 11:49



Tgt Ion:119 Resp: 433362
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.8
 91 27.1 0.0 47.4





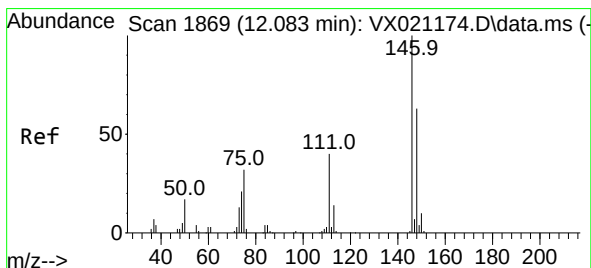
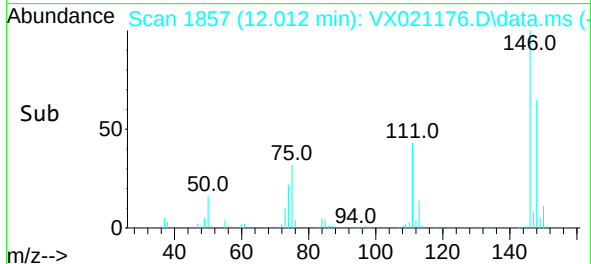
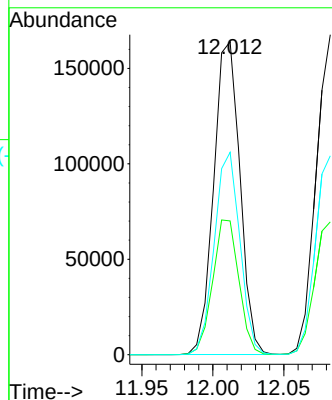
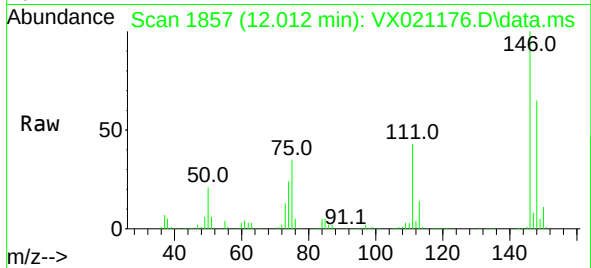
#83
1,3-Dichlorobenzene
Concen: 108.46 ug/l
RT: 12.012 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:146 Resp: 210721
Ion Ratio Lower Upper
146 100
111 43.1 20.3 60.9
148 63.3 31.9 95.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

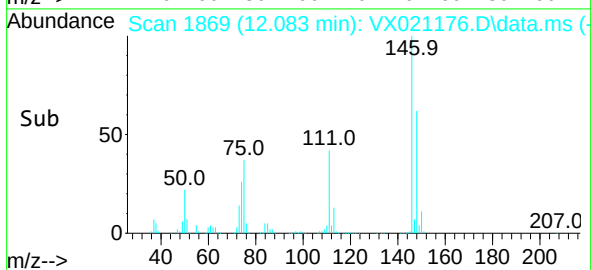
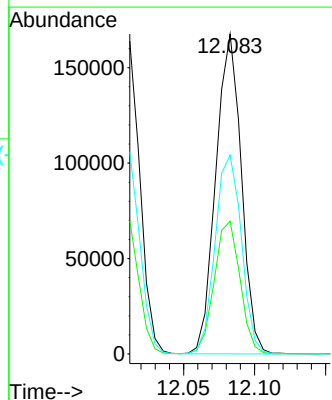
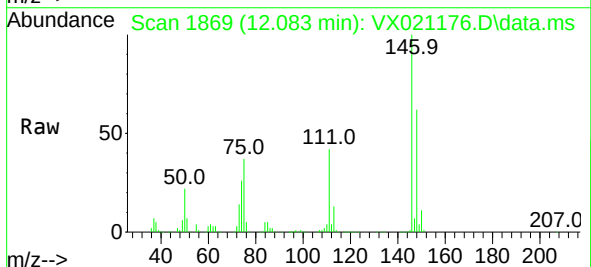
Manual Integrations
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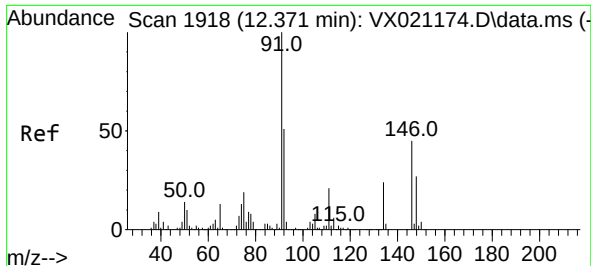
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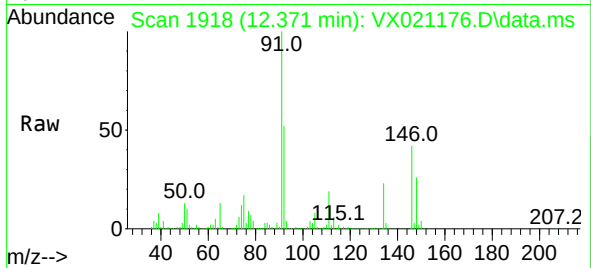
#84
1,4-Dichlorobenzene
Concen: 109.42 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:146 Resp: 209257
Ion Ratio Lower Upper
146 100
111 42.0 19.1 57.3
148 64.2 31.9 95.5

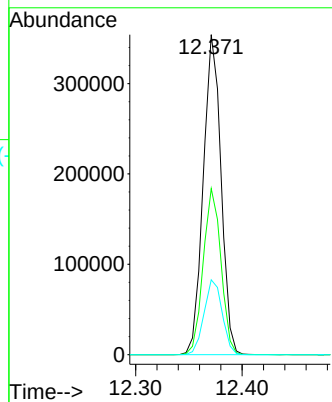
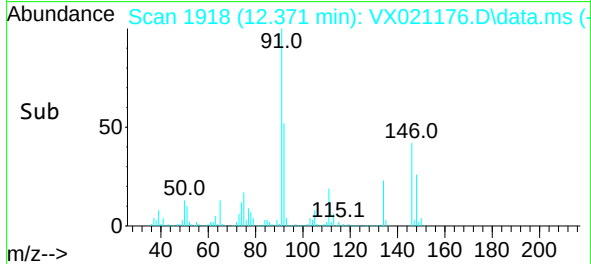




#85
n-Butylbenzene
Concen: 115.87 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



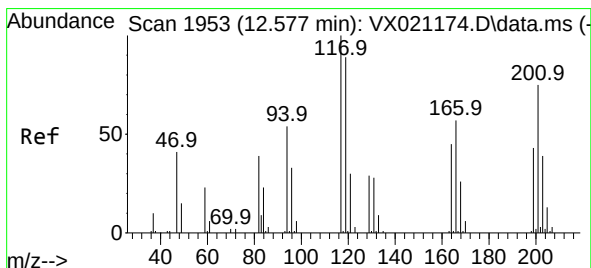
Tgt Ion: 91 Resp: 410341
Ion Ratio Lower Upper
91 100
92 51.9 0.0 109.0
134 24.0 0.0 51.8



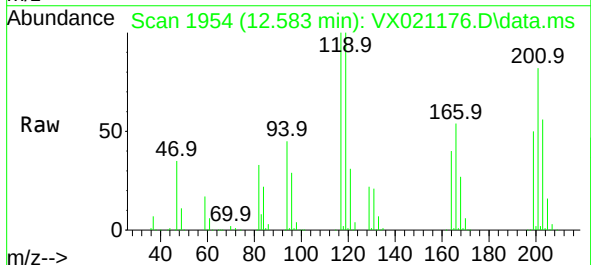
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

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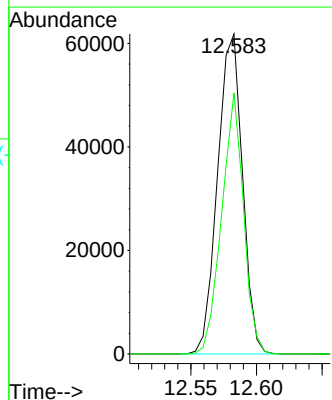
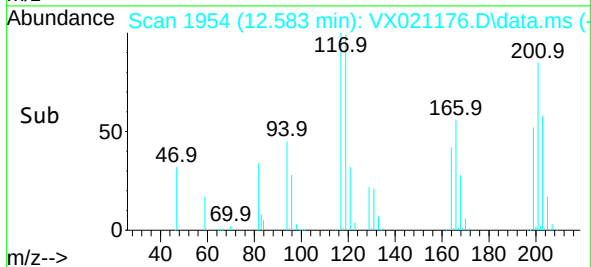
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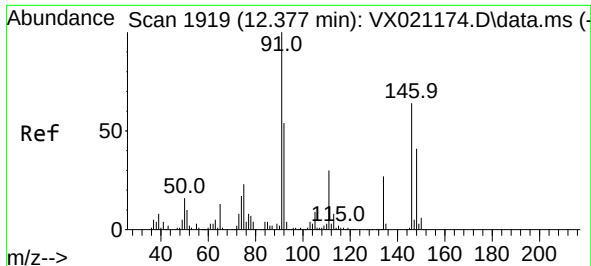


#86
Hexachloroethane
Concen: 110.91 ug/l
RT: 12.583 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



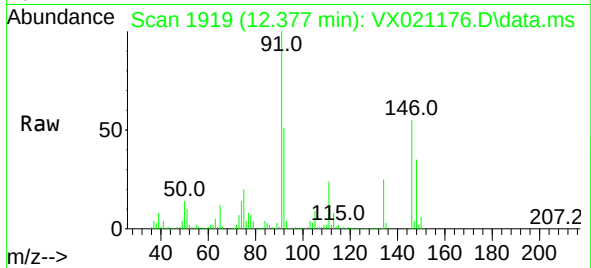
Tgt Ion: 117 Resp: 81537
Ion Ratio Lower Upper
117 100
201 71.6 40.5 121.4





#87
1,2-Dichlorobenzene
Concen: 113.31 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

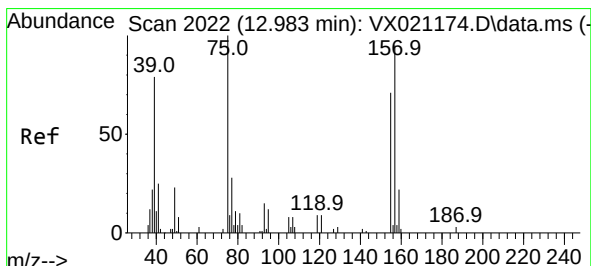
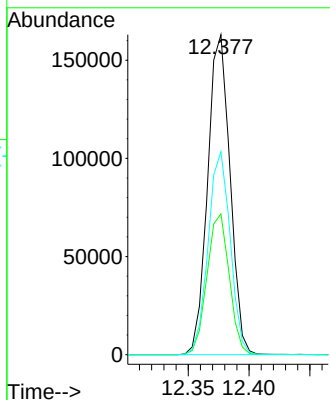
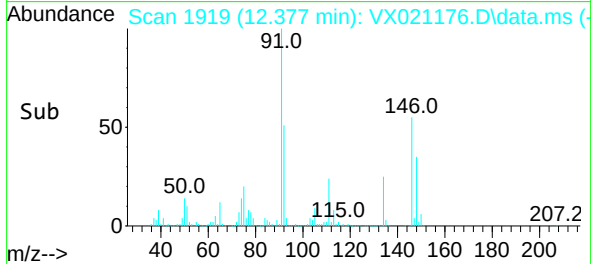
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



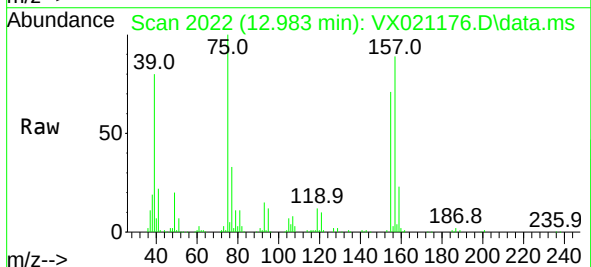
Tgt Ion:146 Resp: 208310
Ion Ratio Lower Upper
146 100
111 43.8 20.8 62.5
148 62.7 32.4 97.0

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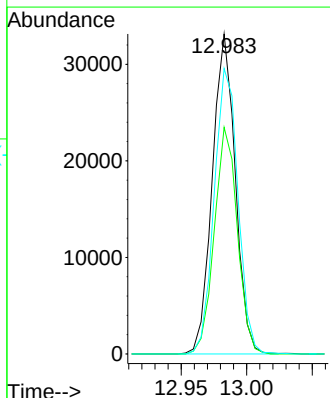
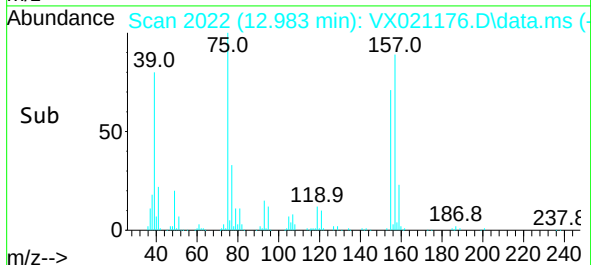
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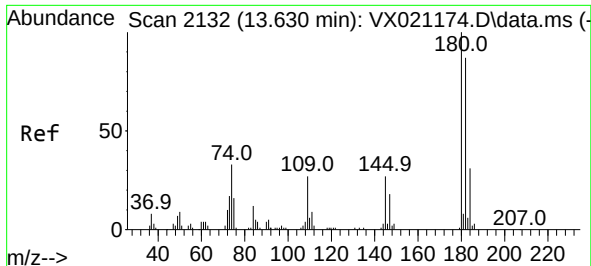


#88
1,2-Dibromo-3-Chloropropane
Concen: 122.22 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



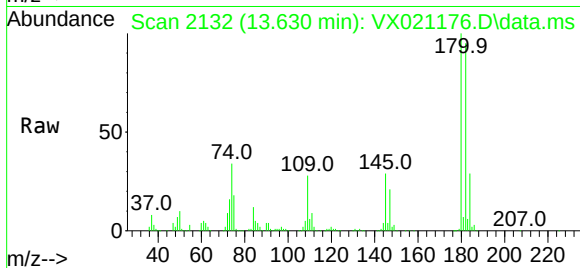
Tgt Ion: 75 Resp: 40388
Ion Ratio Lower Upper
75 100
155 70.8 68.9 103.3
157 92.0 91.3 136.9





#89
1,2,4-Trichlorobenzene
Concen: 117.15 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

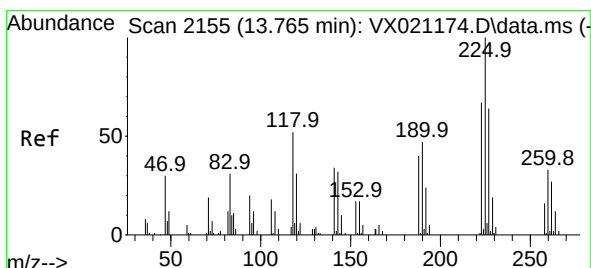
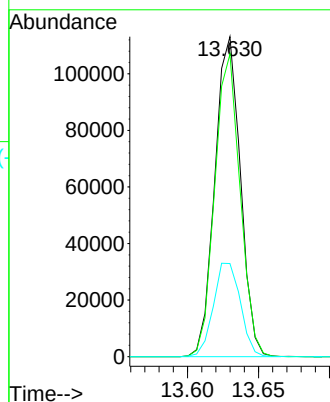
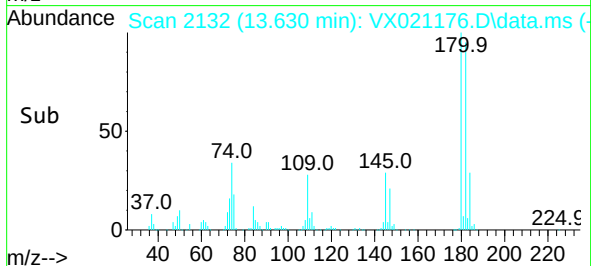
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



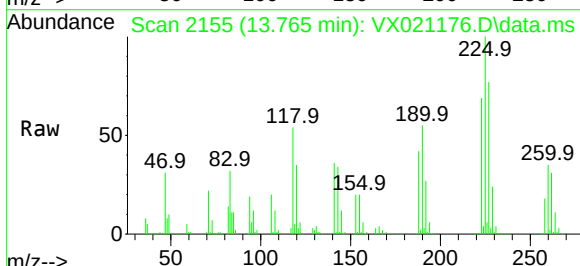
Tgt Ion:180 Resp: 141658
Ion Ratio Lower Upper
180 100
182 93.7 77.9 116.9
145 30.9 24.3 36.5

Manual Integrations
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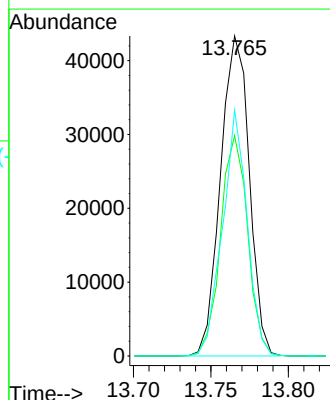
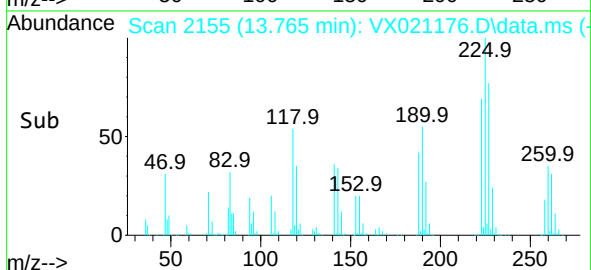
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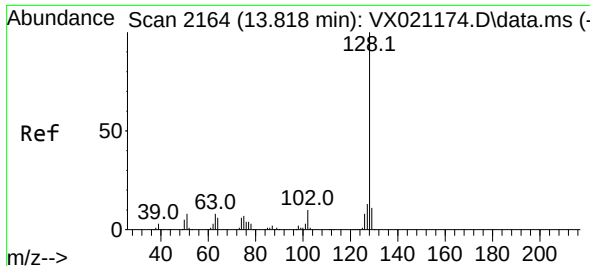


#90
Hexachlorobutadiene
Concen: 114.08 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49



Tgt Ion:225 Resp: 56009
Ion Ratio Lower Upper
225 100
223 64.5 0.0 129.4
227 66.0 0.0 130.4





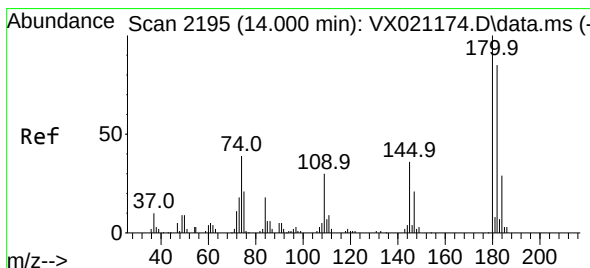
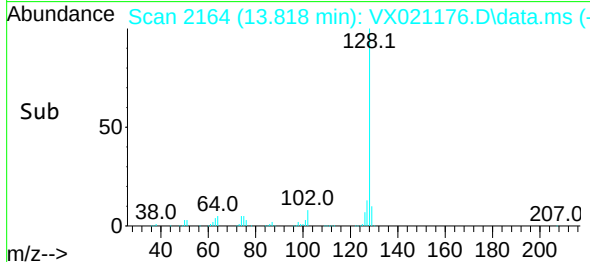
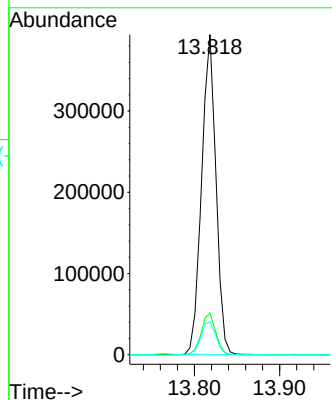
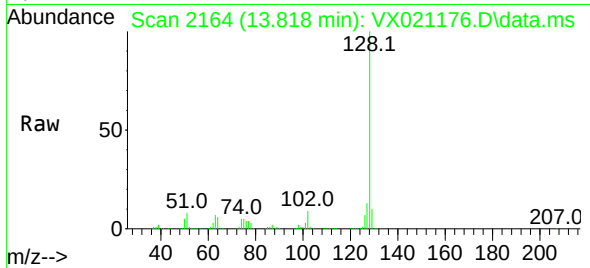
#91
Naphthalene
Concen: 110.95 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:128 Resp: 460154
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.8 13.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 113.82 ug/l
RT: 14.001 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX021176.D
Acq: 12 Mar 2021 11:49

Tgt Ion:180 Resp: 135288
Ion Ratio Lower Upper
180 100
182 98.0 0.0 192.4
145 34.4 0.0 66.4

