

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017744.D
 Acq On : 03 Aug 2020 14:38
 Operator : JC/SP
 Sample : VX0803WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 9:51:14 AM

Quant Time: Aug 04 07:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	553852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	803363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	733985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	344904	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.46	113	268068	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.70	98	916495	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.12	95	360081	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	91818	17.201	ug/l	99
3) Chloromethane	1.32	50	106297	15.780	ug/l	98
4) Vinyl Chloride	1.40	62	105378	15.120	ug/l	99
5) Bromomethane	1.63	94	81566	19.943	ug/l	93
6) Chloroethane	1.71	64	68822	17.410	ug/l	99
7) Trichlorofluoromethane	1.92	101	190365	17.365	ug/l	98
8) Diethyl Ether	2.17	74	65277	17.481	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103204	17.156	ug/l	99
10) Methyl Iodide	2.50	142	118399	15.384	ug/l	95
11) Tert butyl alcohol	3.01	59	126880	84.618	ug/l	99
12) 1,1-Dichloroethene	2.36	96	95838	16.753	ug/l	99
13) Acrolein	2.28	56	59736	55.463	ug/l	99
14) Allyl chloride	2.71	41	183418	17.559	ug/l	96
15) Acrylonitrile	3.11	53	293068	90.492	ug/l	98
16) Acetone	2.42	43	268868	85.864	ug/l	98
17) Carbon Disulfide	2.56	76	257515	14.810	ug/l	98
18) Methyl Acetate	2.75	43	144989	19.660	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	352292	17.792	ug/l	99
20) Methylene Chloride	2.84	84	112661	18.289	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	104386	17.033	ug/l	99
22) Diisopropyl ether	3.82	45	356625	18.672	ug/l	90
23) Vinyl Acetate	3.78	43	1543837	90.655	ug/l	99
24) 1,1-Dichloroethane	3.67	63	195960	17.810	ug/l	97
25) 2-Butanone	4.63	43	400939	90.131	ug/l	98
26) 2,2-Dichloropropane	4.55	77	182778	18.558	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	116212	17.458	ug/l	98
28) Bromochloromethane	4.98	49	92226	18.497	ug/l	100
29) Tetrahydrofuran	5.09	42	256450	93.070	ug/l	100
30) Chloroform	5.18	83	207776	18.482	ug/l	94
31) Cyclohexane	5.55	56	150227	17.122	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	190539	17.973	ug/l	99
36) 1,1-Dichloropropene	5.77	75	141109	18.314	ug/l	99
37) Ethyl Acetate	4.80	43	159216	18.886	ug/l	99
38) Carbon Tetrachloride	5.76	117	173877	18.583	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	153168	17.029	ug/l	96
40) Benzene	6.12	78	419499	18.991	ug/l	98
41) Methacrylonitrile	5.01	41	85265	17.645	ug/l	94
42) 1,2-Dichloroethane	6.16	62	174552	19.315	ug/l	97
43) Isopropyl Acetate	6.41	43	254104	18.268	ug/l	99
44) Trichloroethene	7.19	130	122078	18.910	ug/l	98
45) 1,2-Dichloropropane	7.49	63	107154	17.498	ug/l	97
46) Dibromomethane	7.64	93	76941	17.779	ug/l	97
47) Bromodichloromethane	7.87	83	159723	18.343	ug/l	99
48) Methyl methacrylate	7.74	41	119706	17.361	ug/l	99
49) 1,4-Dioxane	7.71	88	48111	363.948	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	763771	92.027	ug/l	99
52) Toluene	8.76	92	254388	17.957	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173421	17.791	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	183009	18.407	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	112186	19.010	ug/l	98
56) Ethyl methacrylate	9.16	69	161609	18.177	ug/l	97
57) 1,3-Dichloropropane	9.35	76	180087	18.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	406716	86.827	ug/l	99
59) 2-Hexanone	9.47	43	566393	90.645	ug/l	98
60) Dibromochloromethane	9.57	129	136435	18.189	ug/l	99
61) 1,2-Dibromoethane	9.65	107	121311	19.308	ug/l	99
64) Tetrachloroethene	9.32	164	129746	19.695	ug/l	97
65) Chlorobenzene	10.12	112	288423	18.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	121461	18.943	ug/l	99
67) Ethyl Benzene	10.23	91	483776	18.242	ug/l	96
68) m/p-Xylenes	10.34	106	375810	36.579	ug/l	97
69) o-Xylene	10.68	106	182278	18.447	ug/l	100
70) Styrene	10.69	104	315382	18.760	ug/l	99
71) Bromoform	10.84	173	109455	19.703	ug/l #	98
73) Isopropylbenzene	11.00	105	508788	18.308	ug/l	100
74) N-amyl acetate	10.88	43	224586	18.189	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	156188	18.006	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	151865m	18.225	ug/l	
77) Bromobenzene	11.24	156	140104	18.008	ug/l	98
78) n-propylbenzene	11.34	91	566501	18.074	ug/l	99
79) 2-Chlorotoluene	11.40	91	349730	18.013	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	431056	18.167	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	58298	17.629	ug/l	99
82) 4-Chlorotoluene	11.49	91	410625	17.929	ug/l	100
83) tert-Butylbenzene	11.76	119	421473	18.564	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	435782	18.465	ug/l	100
85) sec-Butylbenzene	11.93	105	484172	18.306	ug/l	99
86) p-Isopropyltoluene	12.05	119	453558	18.008	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	245926	18.408	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	240879	17.406	ug/l	99
89) n-Butylbenzene	12.37	91	398948	17.776	ug/l	98
90) Hexachloroethane	12.58	117	84430	17.003	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	231993	17.668	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40485	18.230	ug/l	99

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ClientSampleId :
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QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	178494	19.918	ug/l	99
94) Hexachlorobutadiene	13.77	225	78034	18.917	ug/l	96
95) Naphthalene	13.82	128	502227	18.774	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	166720	18.842	ug/l	98

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

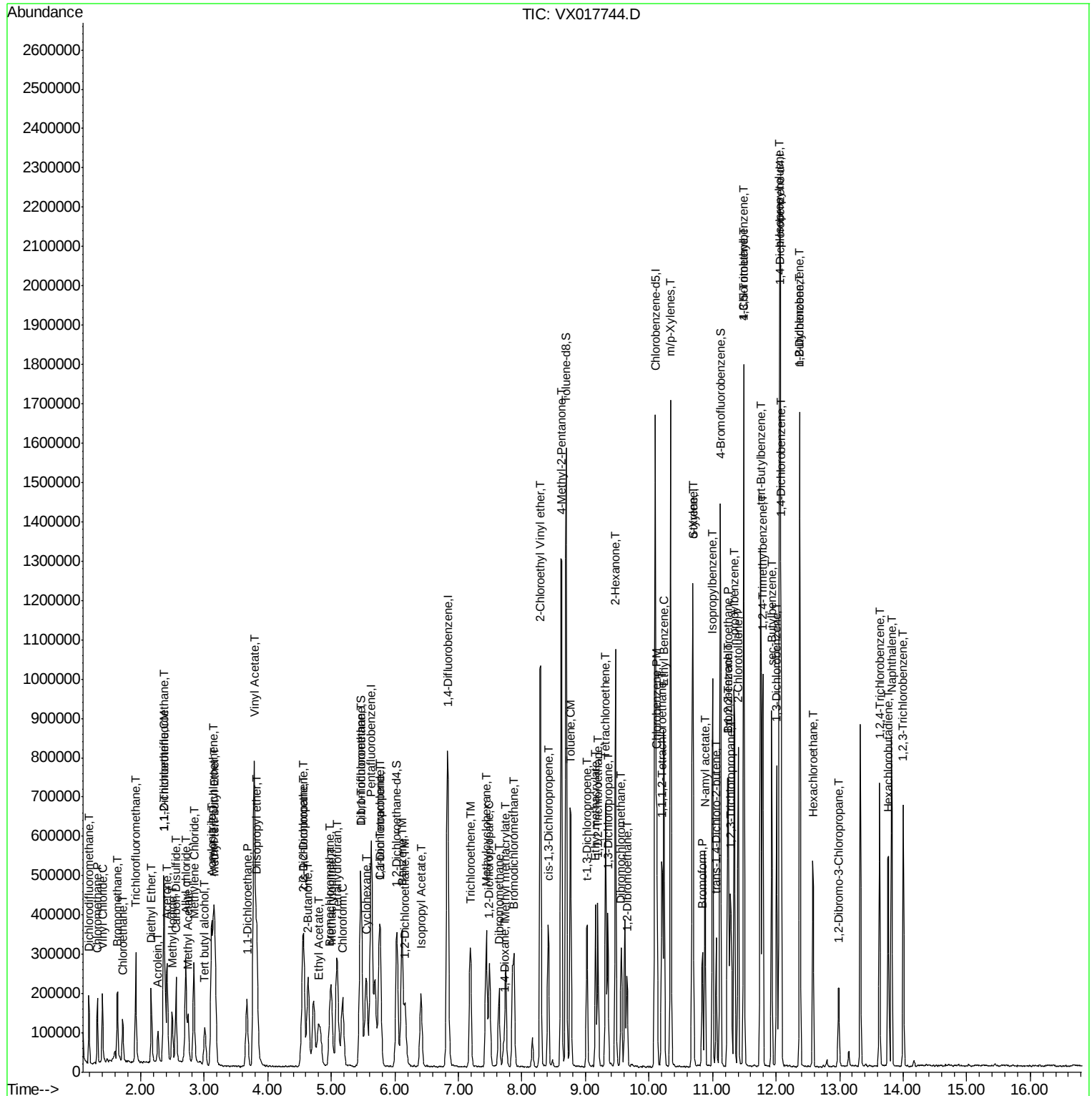
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Data File : VX017744.D
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Operator : JC/SP
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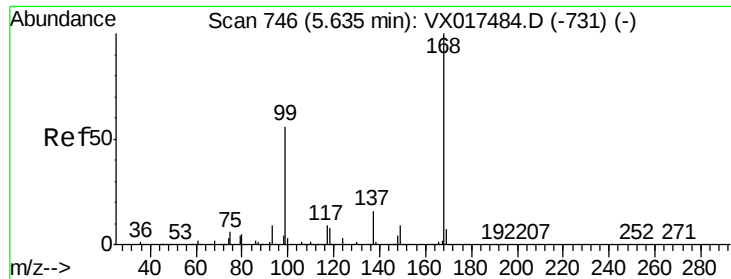
Instrument :
MSVOA_X
ClientSampleID :
VX0803WBSD01

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion:168 Resp: 553852

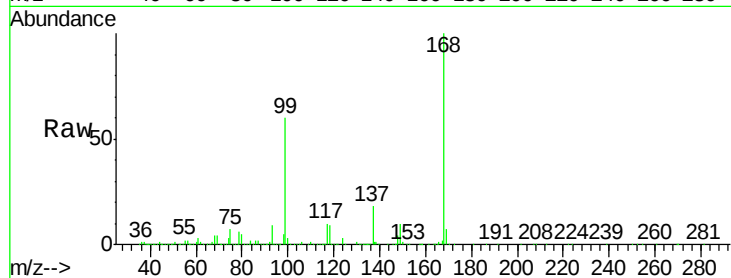
Ion Ratio Lower Upper

168 100

99 59.4 43.4 65.2

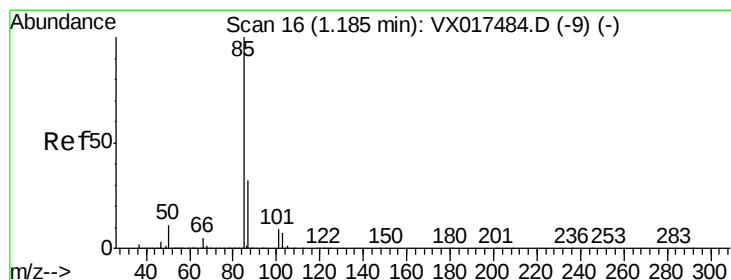
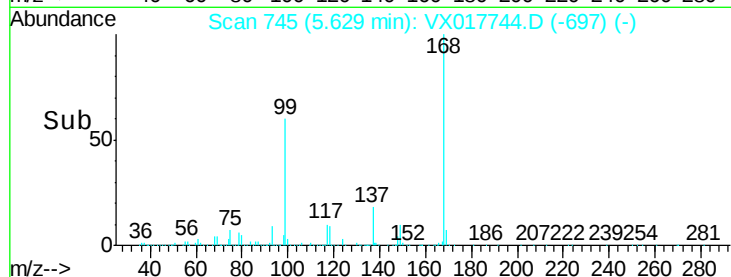
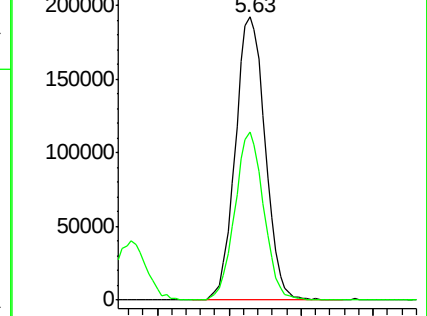
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.201 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017744.D

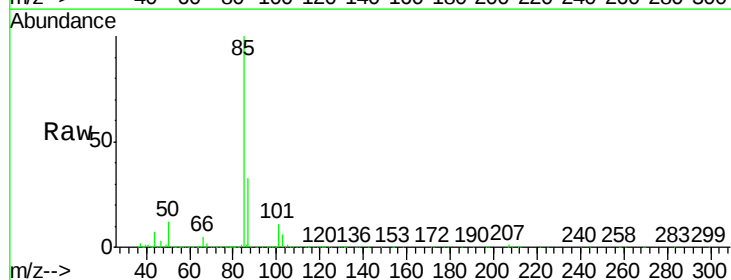
Acq: 03 Aug 2020 14:38

Tgt Ion: 85 Resp: 91818

Ion Ratio Lower Upper

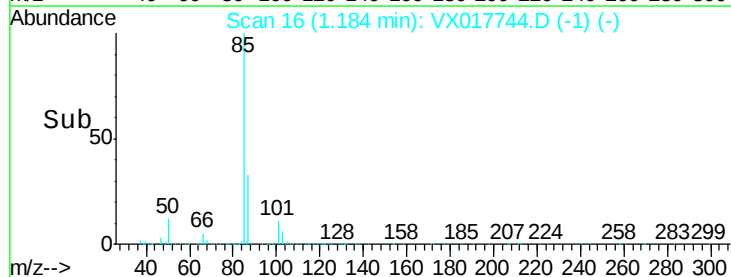
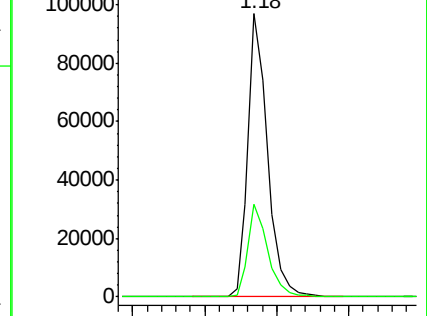
85 100

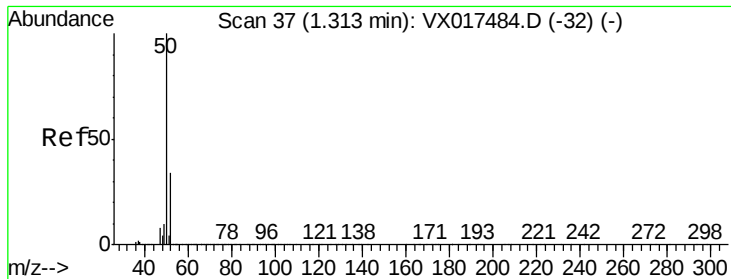
87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.780 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 50 Resp: 106297

Ion Ratio Lower Upper

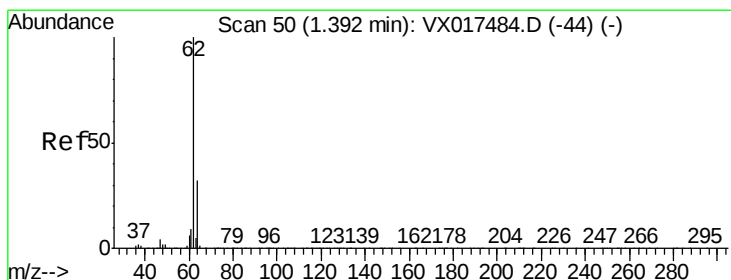
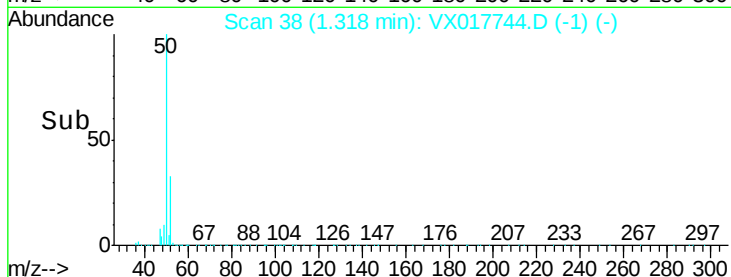
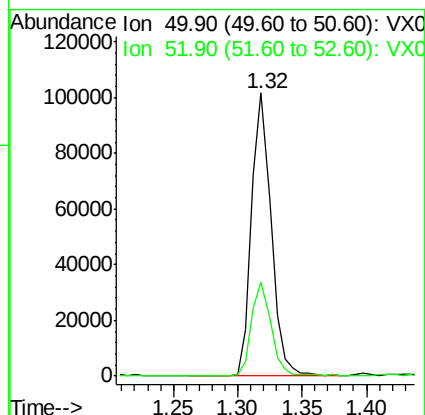
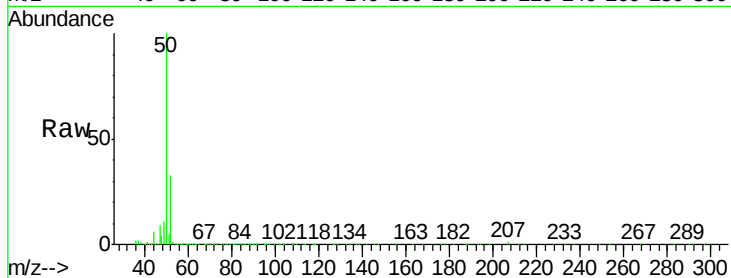
50 100

52 33.3 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 15.120 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX017744.D

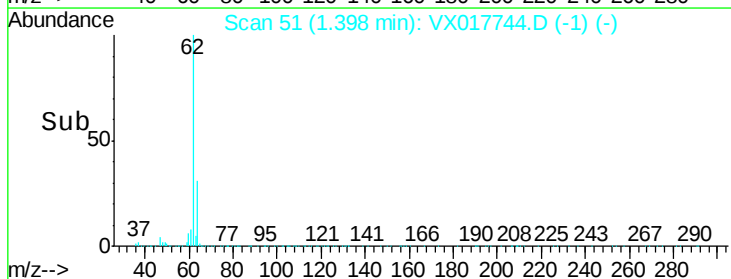
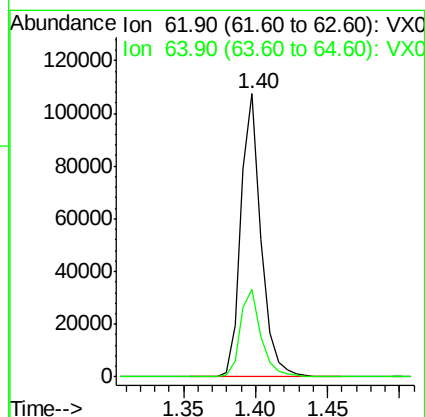
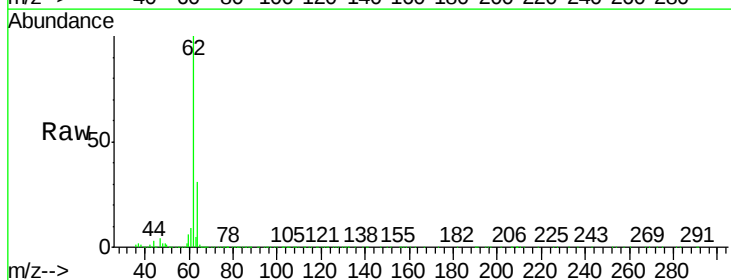
Acq: 03 Aug 2020 14:38

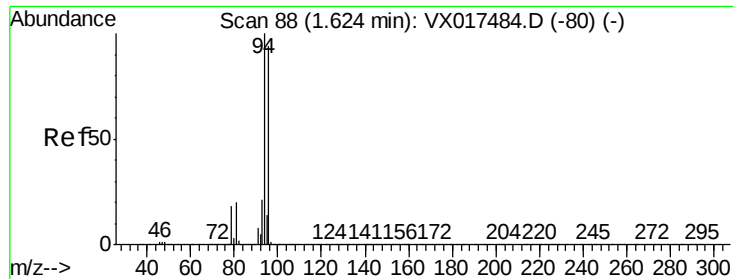
Tgt Ion: 62 Resp: 105378

Ion Ratio Lower Upper

62 100

64 31.0 25.2 37.8





#5

Bromomethane

Concen: 19.943 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 81566

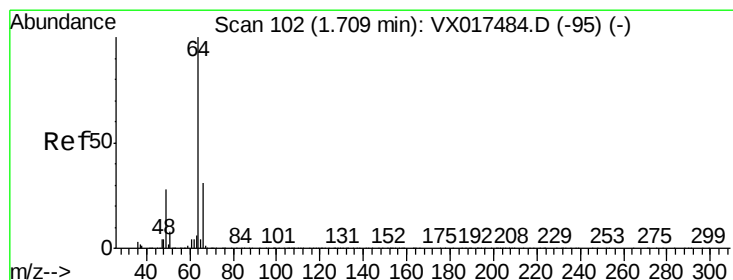
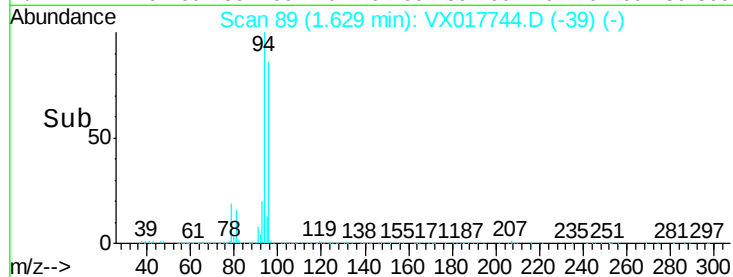
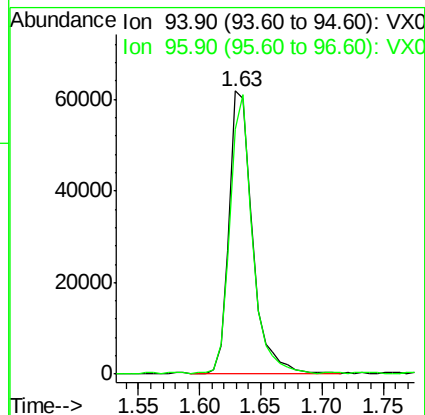
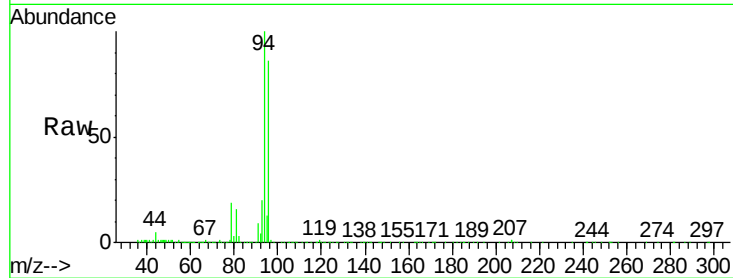
Ion Ratio Lower Upper

94 100

96 86.3 74.1 111.1

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#6

Chloroethane

Concen: 17.410 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017744.D

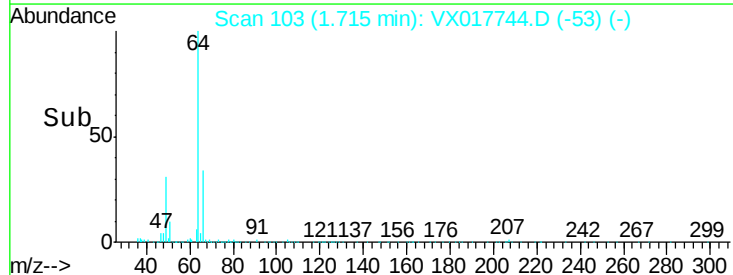
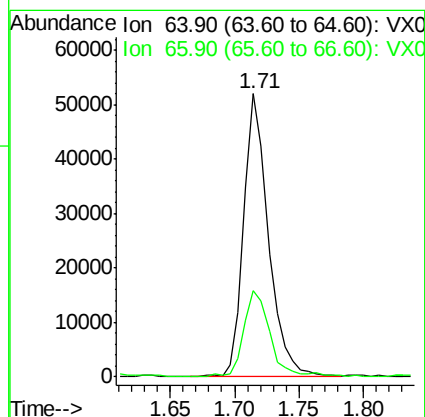
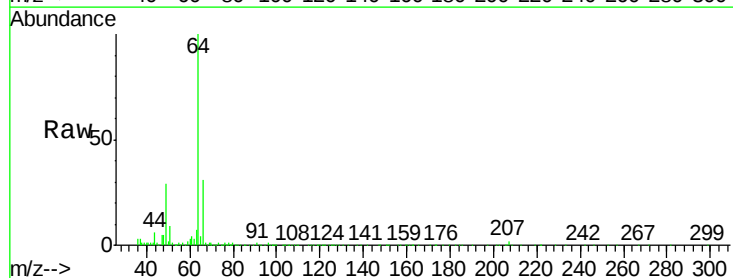
Acq: 03 Aug 2020 14:38

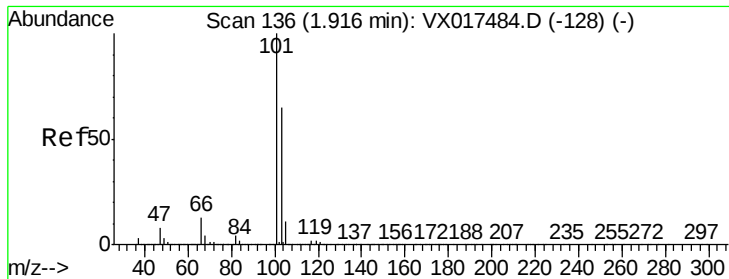
Tgt Ion: 64 Resp: 68822

Ion Ratio Lower Upper

64 100

66 30.4 24.9 37.3





#7

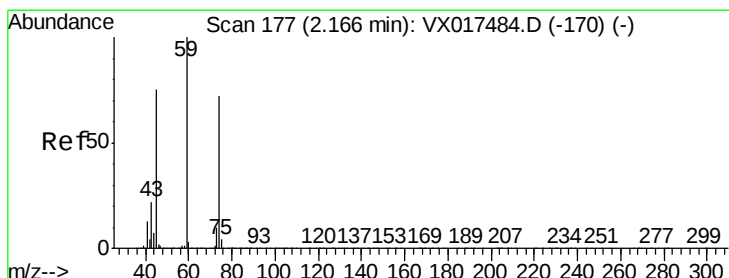
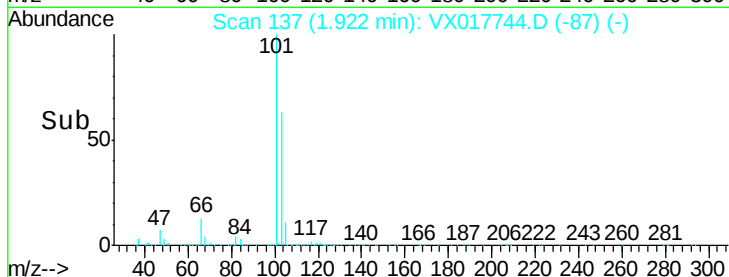
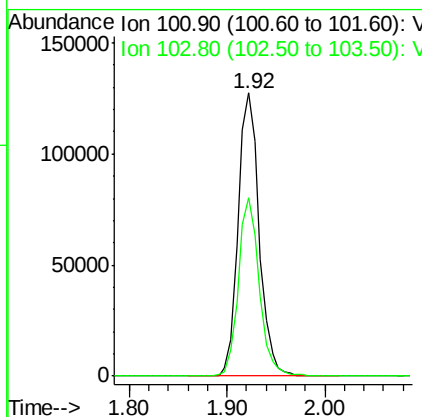
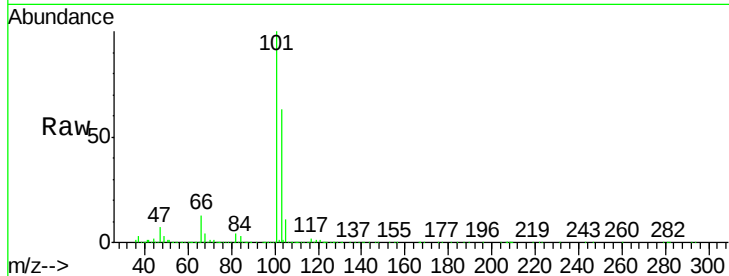
Trichlorofluoromethane
Concen: 17.365 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.8	77.8

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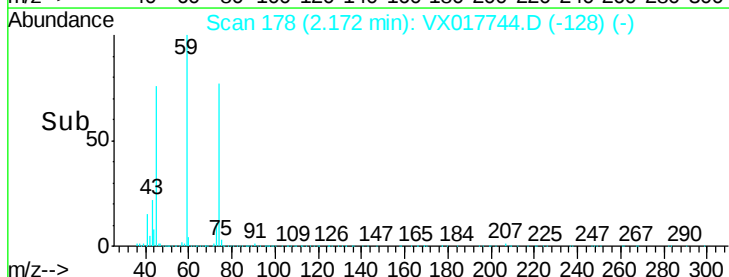
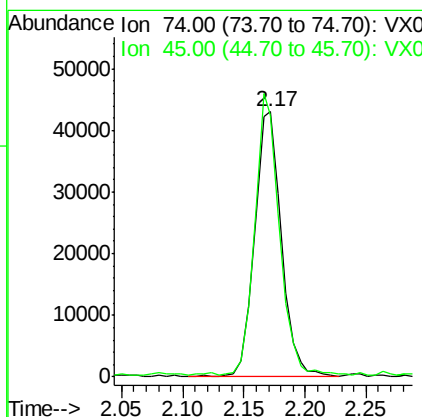
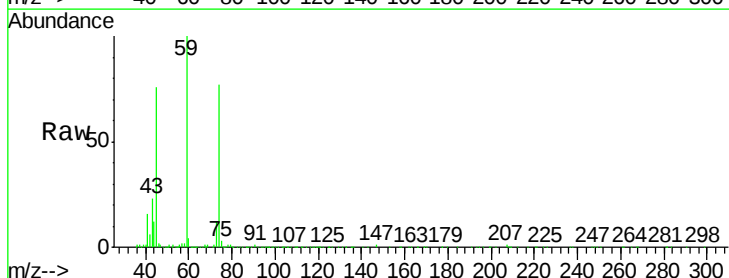
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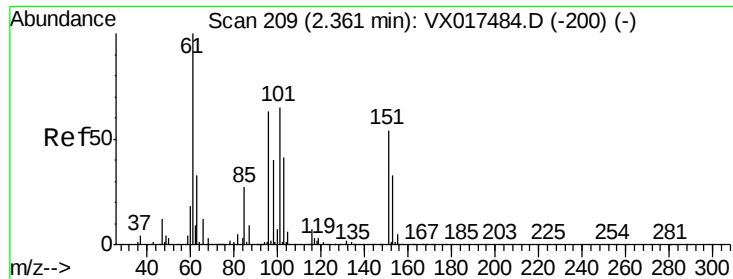


#8

Diethyl Ether
Concen: 17.481 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.156 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

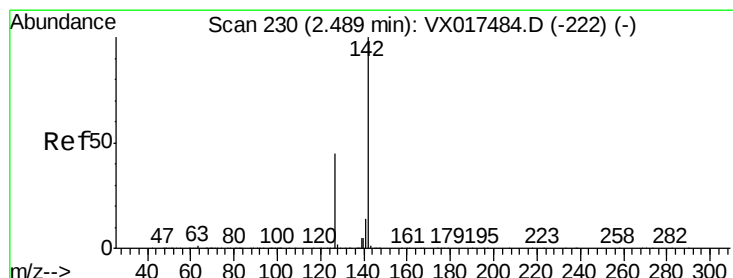
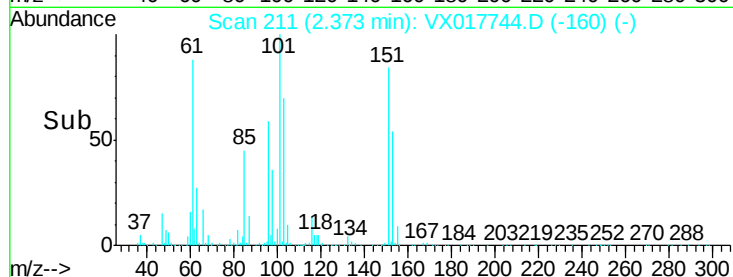
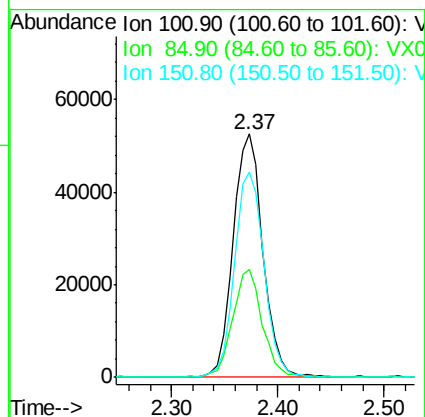
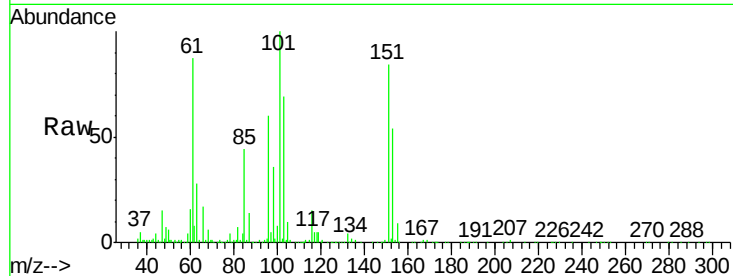
ClientSampled :

VX0803WBSD01

Tot Ion:	101	Resp:	103204
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.8	52.2
151	84.1	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.384 ug/l

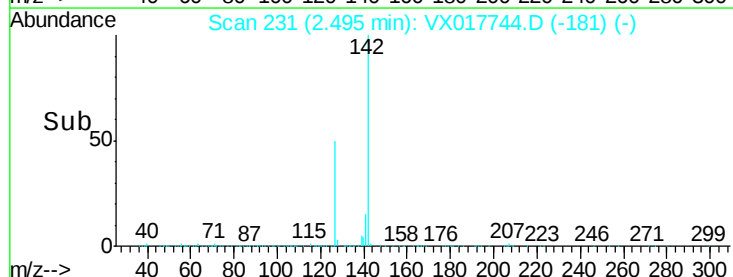
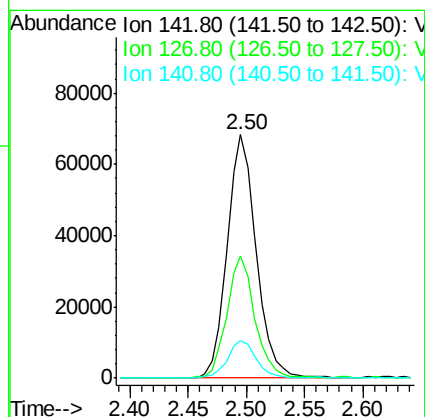
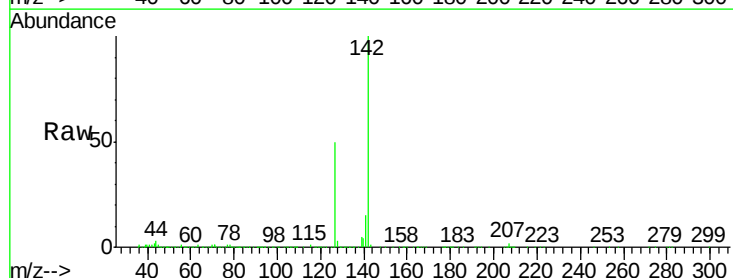
RT: 2.50 min Scan# 231

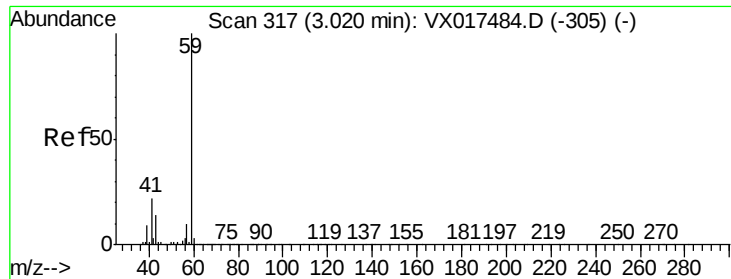
Delta R.T. 0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	142	Resp:	118399
Ion Ratio	Lower	Upper	
142	100		
127	48.5	35.9	53.9
141	15.3	11.4	17.0





#11

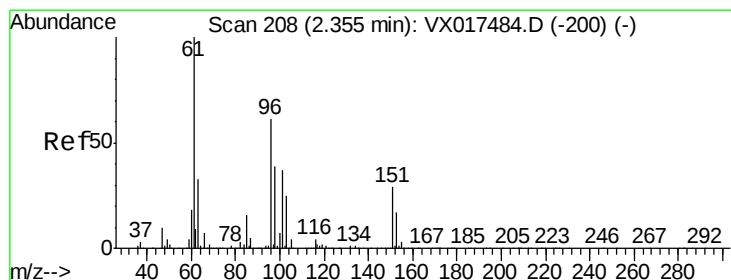
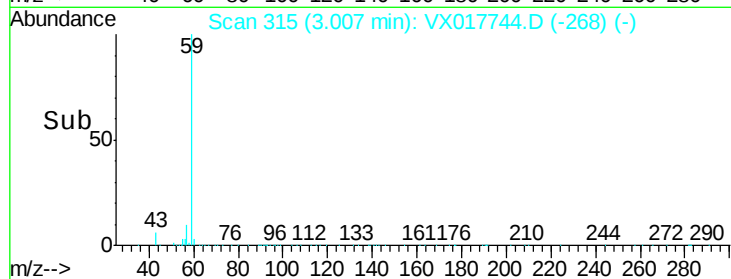
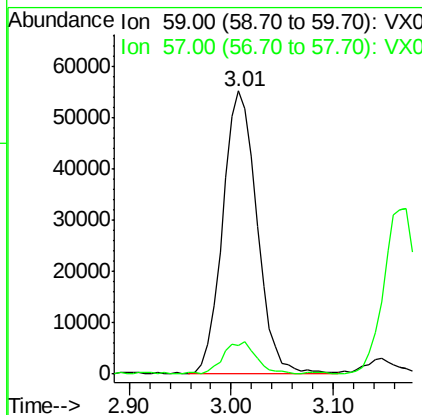
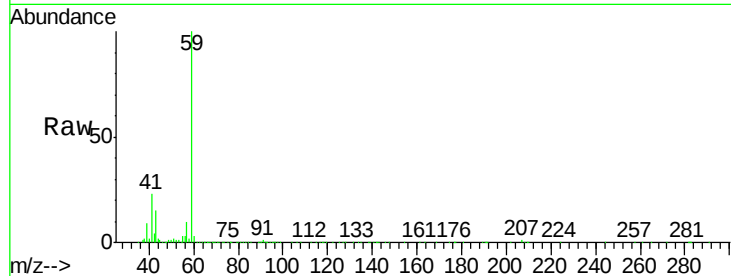
Tert butyl alcohol
Concen: 84.618 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

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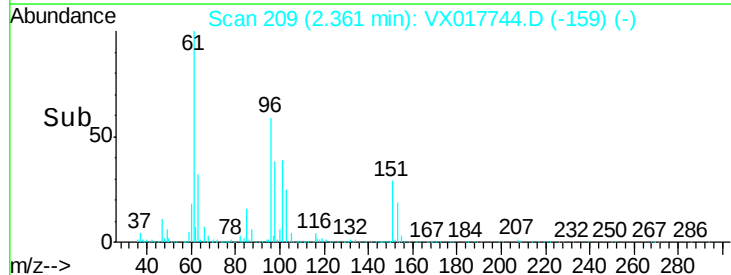
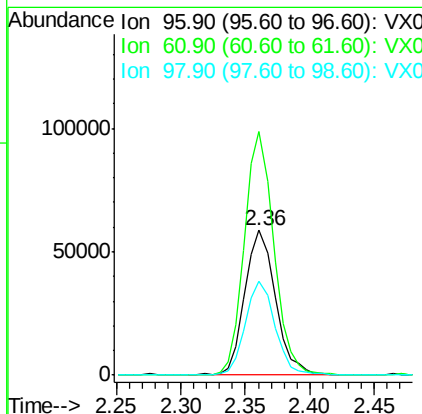
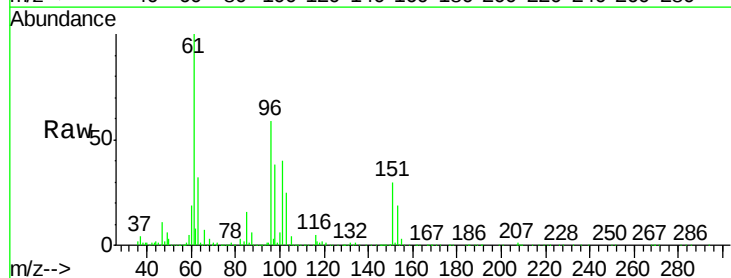
MMDadoda
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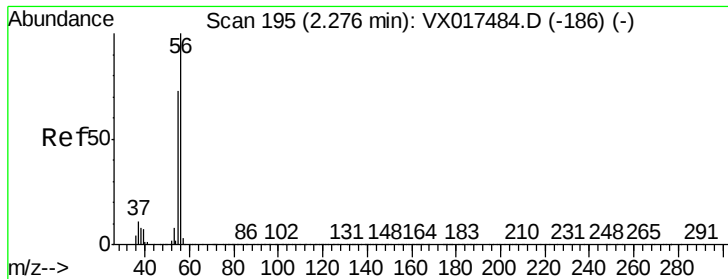


#12

1,1-Dichloroethene
Concen: 16.753 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.7	134.0	201.0
98	64.5	51.0	76.4





#13

Acrolein

Concen: 55.463 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 56 Resp: 59736

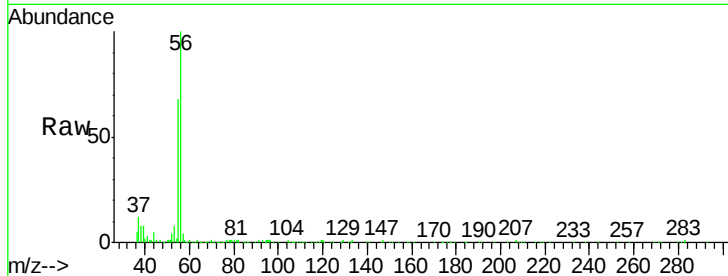
Ion Ratio Lower Upper

56 100

55 70.8 57.4 86.2

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

40000

30000

20000

10000

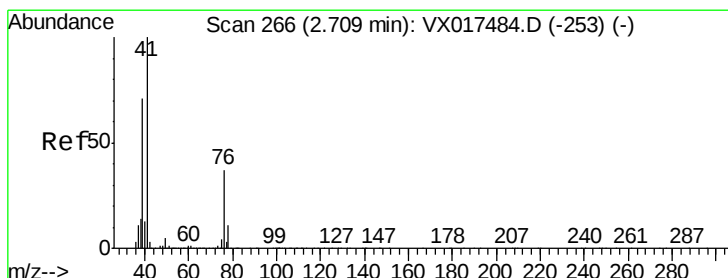
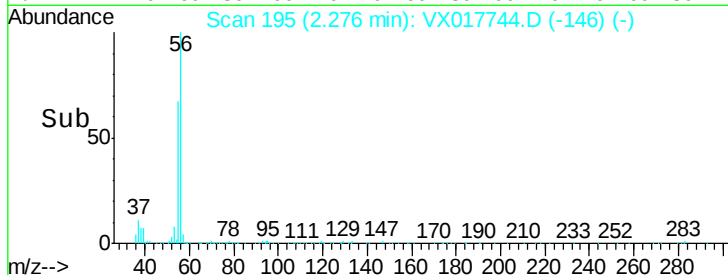
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 17.559 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

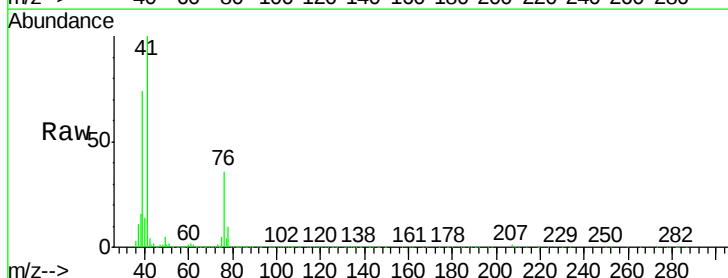
Tgt Ion: 41 Resp: 183418

Ion Ratio Lower Upper

41 100

39 69.7 51.9 77.9

76 31.1 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

100000

50000

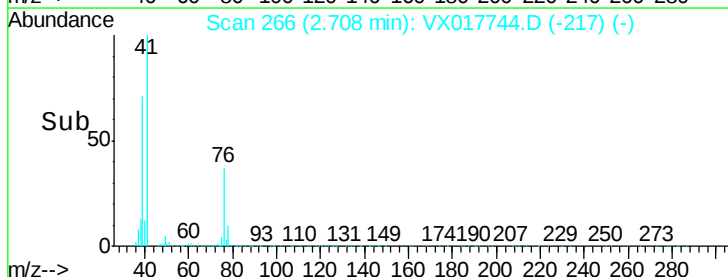
0

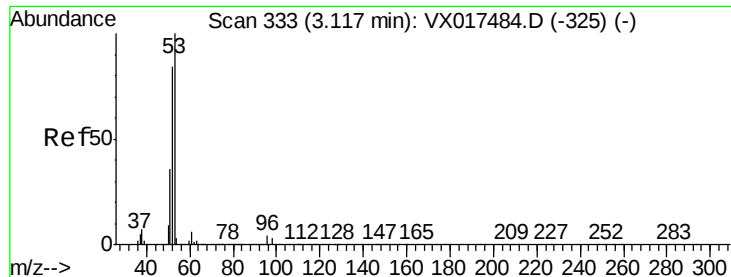
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 90.492 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

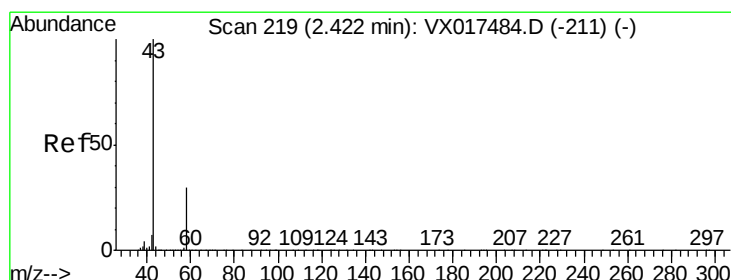
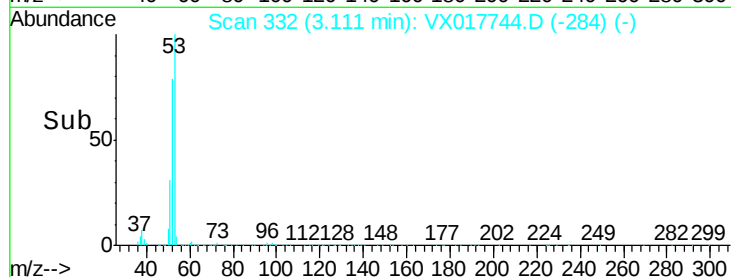
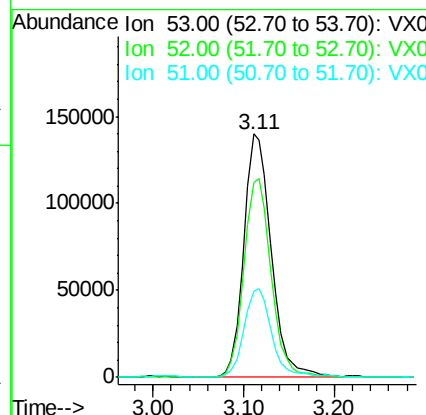
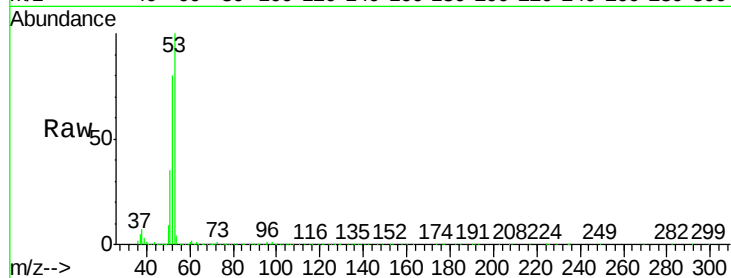
ClientSampleId :

VX0803WBSD01

Tot Ion:	53	Resp:	293068
Ion Ratio	Lower	Upper	
53	100		
52	81.1	66.6	99.8
51	36.3	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 85.864 ug/l

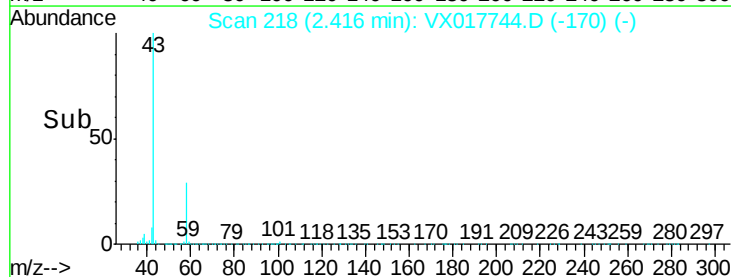
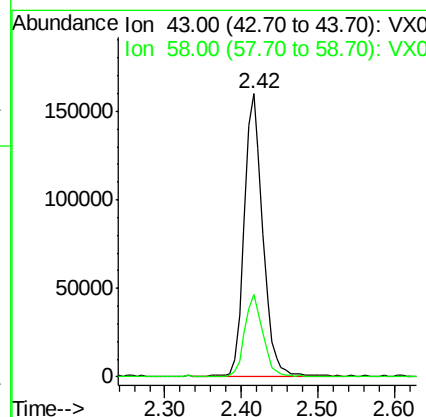
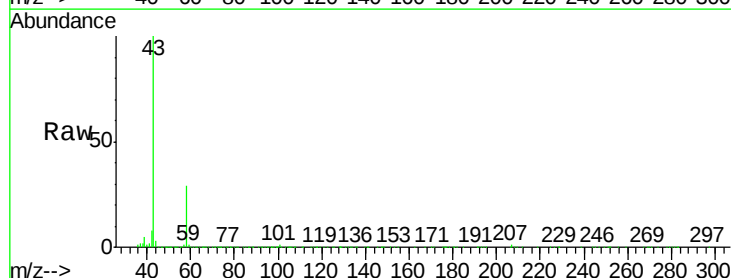
RT: 2.42 min Scan# 218

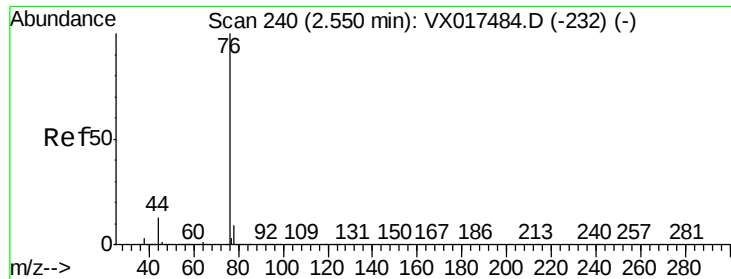
Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	43	Resp:	268868
Ion Ratio	Lower	Upper	
43	100		
58	29.0	24.2	36.4





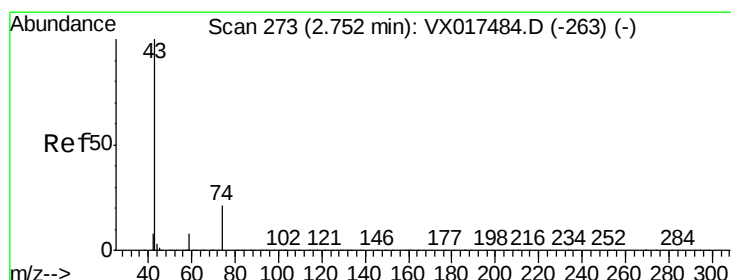
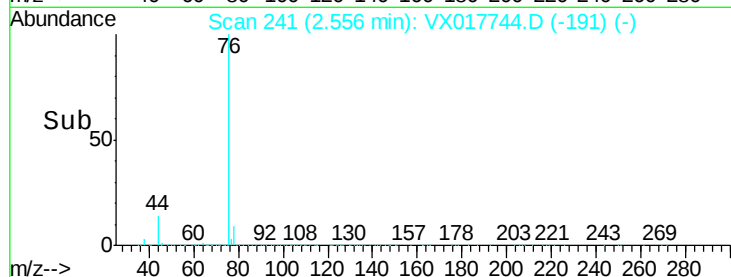
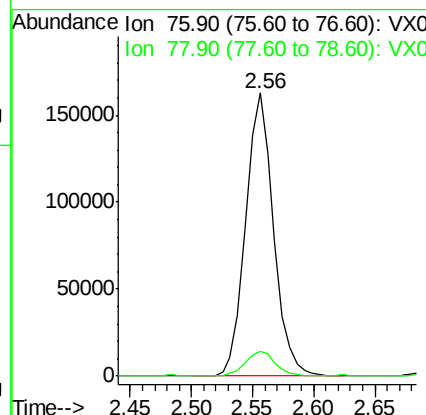
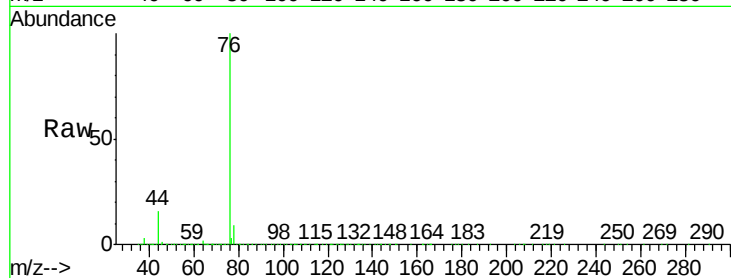
#17
Carbon Disulfide
Concen: 14.810 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Resp Lower	Upper
76	100		
78	8.8	7.5	11.3

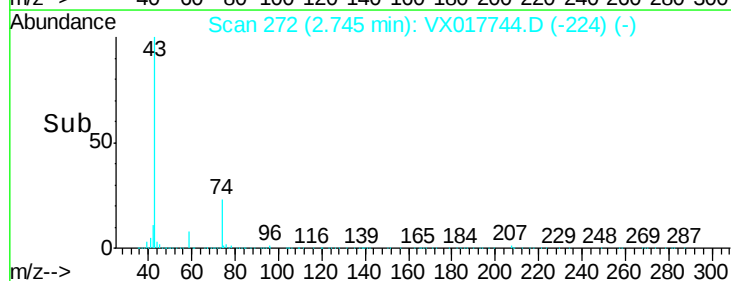
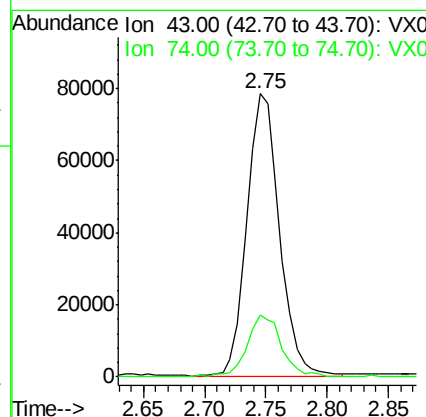
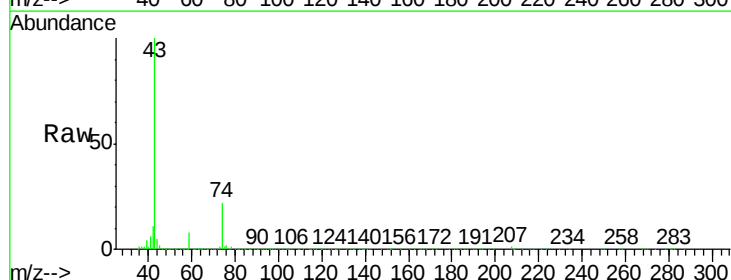
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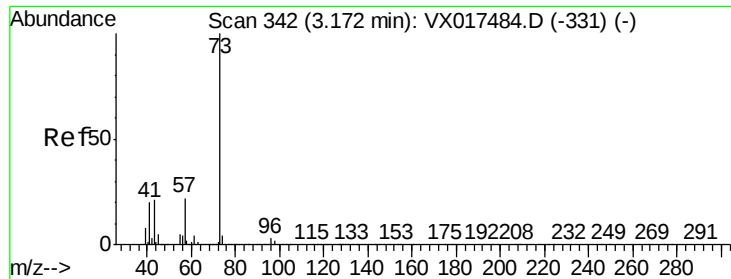
MMDadoda
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#18
Methyl Acetate
Concen: 19.660 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
74	23.4	17.5	26.3





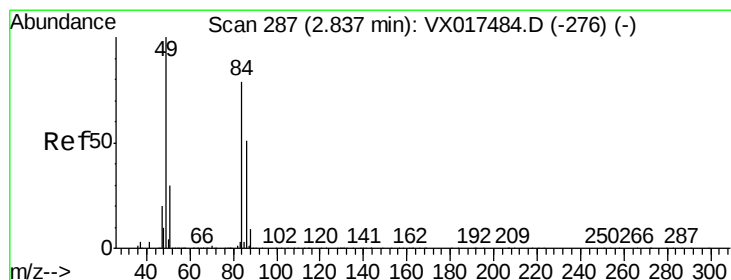
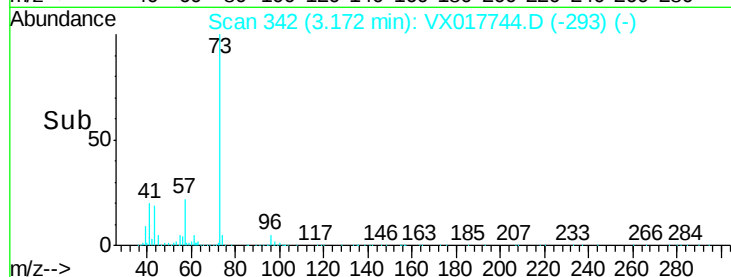
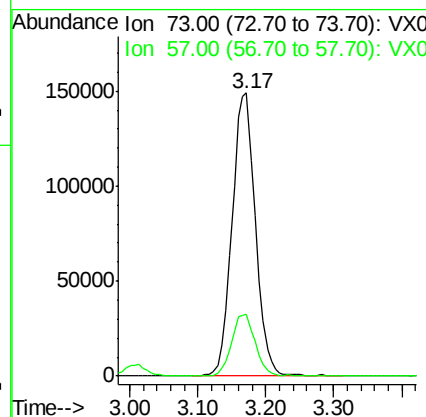
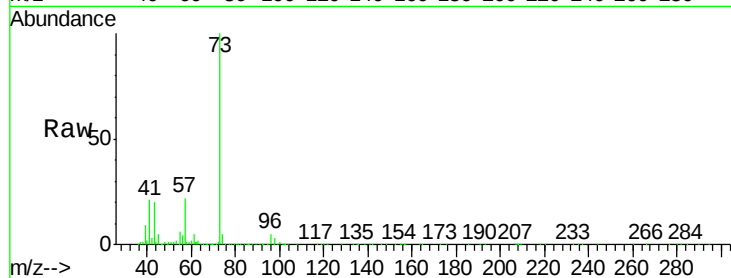
#19
Methvl tert-butvl Ether
Concen: 17.792 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.0	25.4

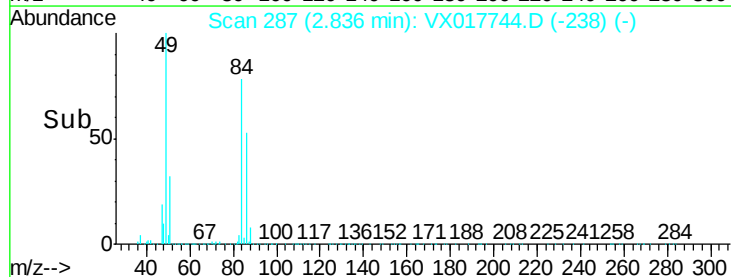
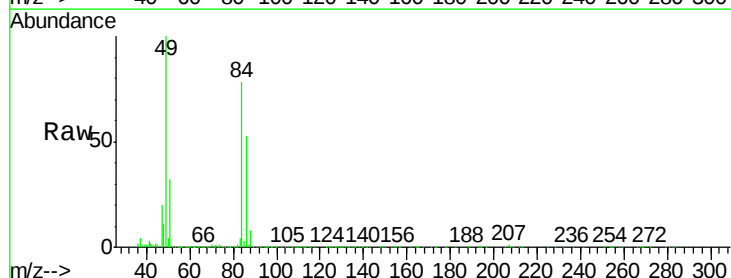
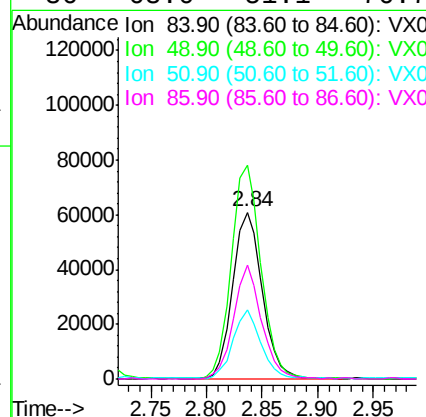
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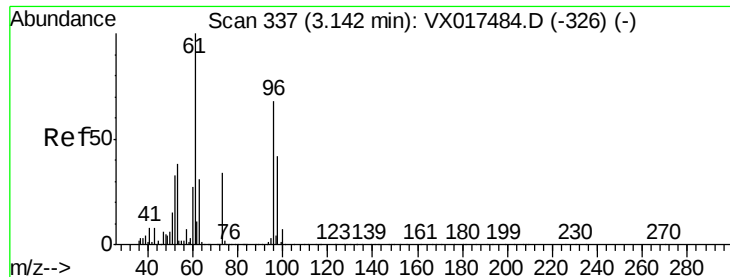
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#20
Methylene Chloride
Concen: 18.289 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	100.3	150.5
51	40.8	30.5	45.7
86	68.0	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 17.033 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 96 Resp: 104386

Ion Ratio Lower Upper

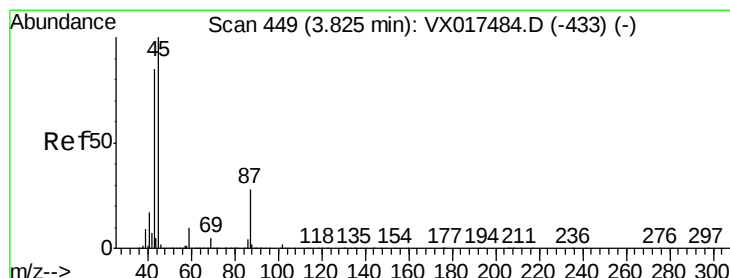
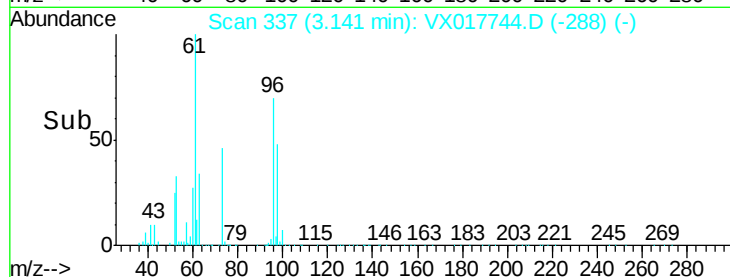
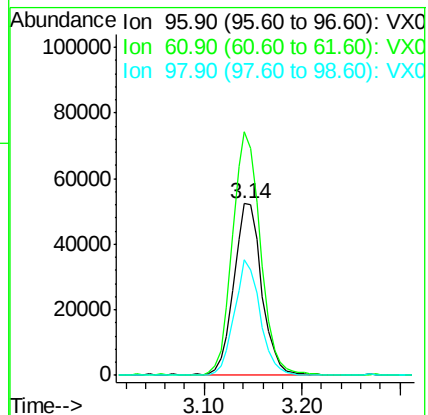
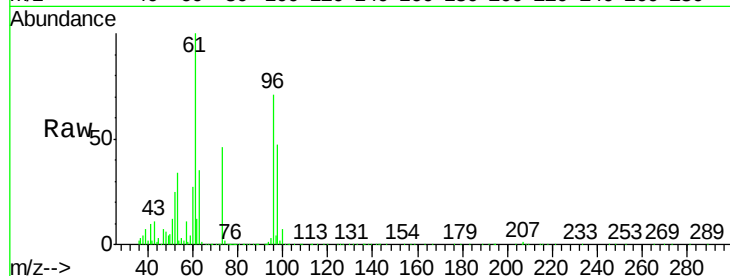
96 100

61 141.5 113.0 169.4

98 67.1 51.8 77.8

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#22

Diisopropyl ether

Concen: 18.672 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion: 45 Resp: 356625

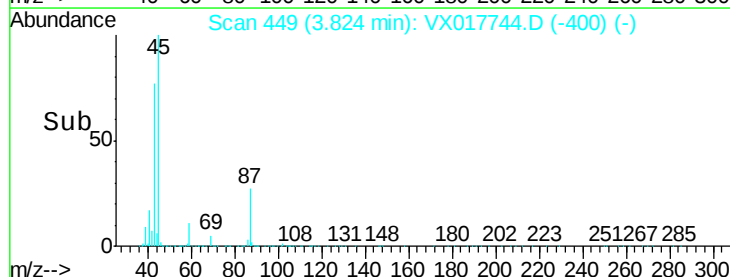
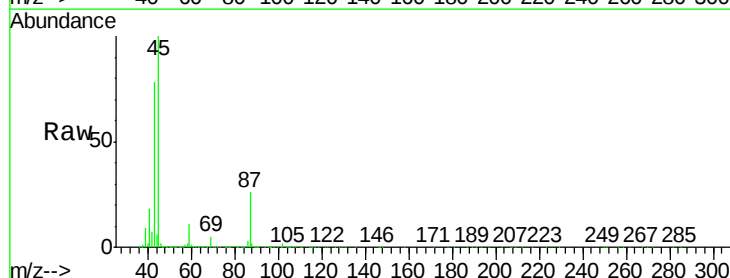
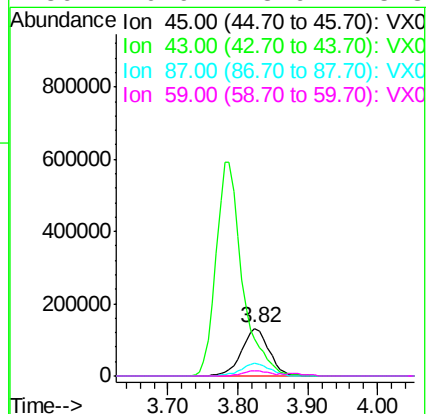
Ion Ratio Lower Upper

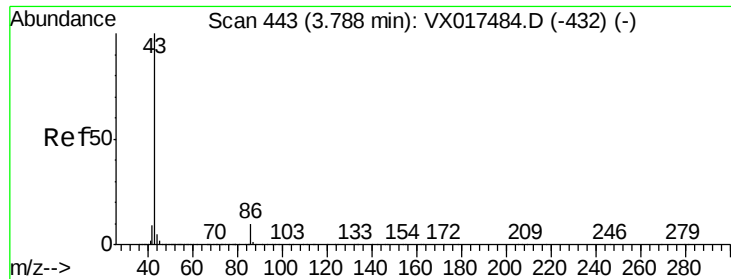
45 100

43 77.1 52.0 78.0

87 26.5 22.2 33.4

59 10.9 8.9 13.3





#23

Vinyl Acetate

Concen: 90.655 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 43 Resp: 1543837

Ion Ratio Lower Upper

43 100

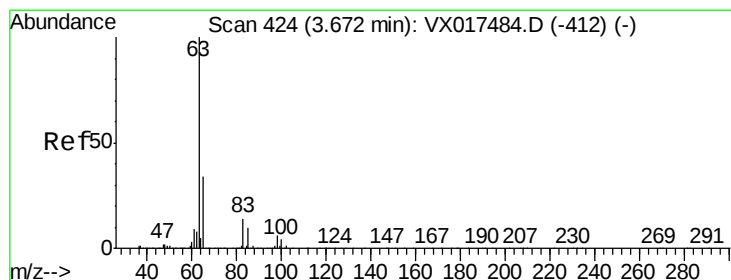
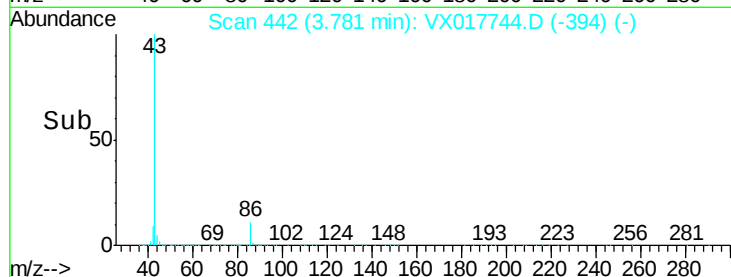
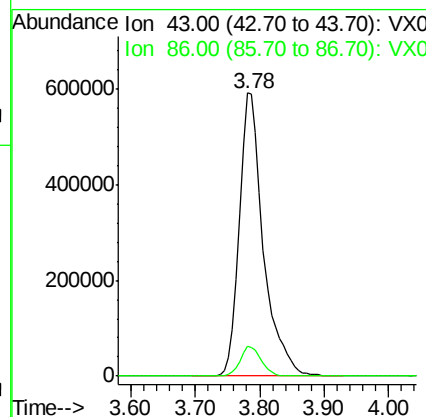
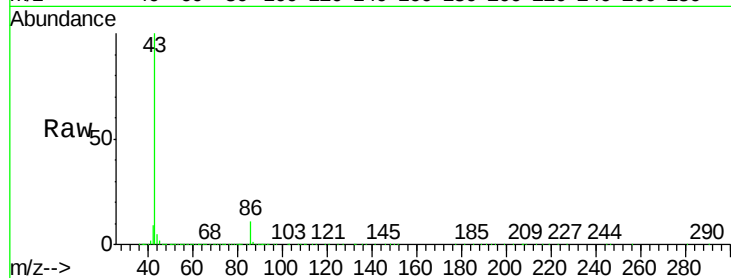
86 10.7 8.2 12.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.810 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

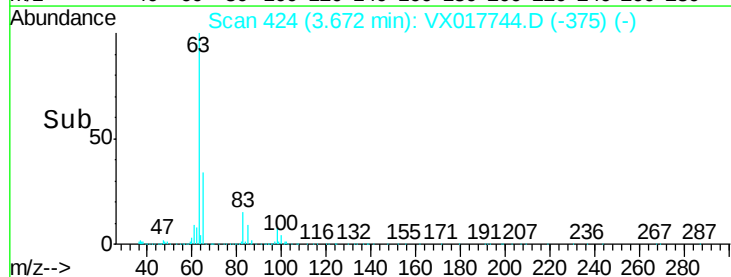
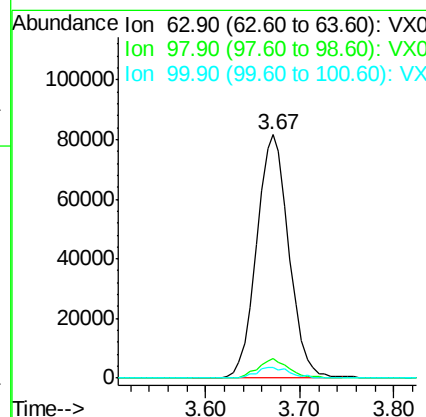
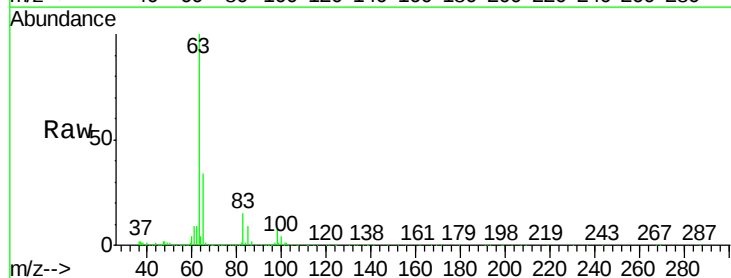
Tgt Ion: 63 Resp: 195960

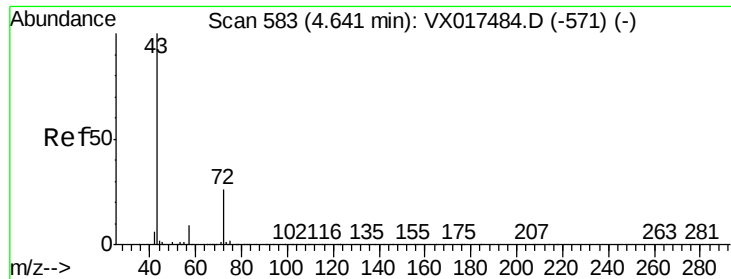
Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.1

100 4.5 1.9 5.7





#25

2-Butanone

Concen: 90.131 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tot Ion: 43 Resp: 400939

Ion Ratio Lower Upper

43 100

72 24.8 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

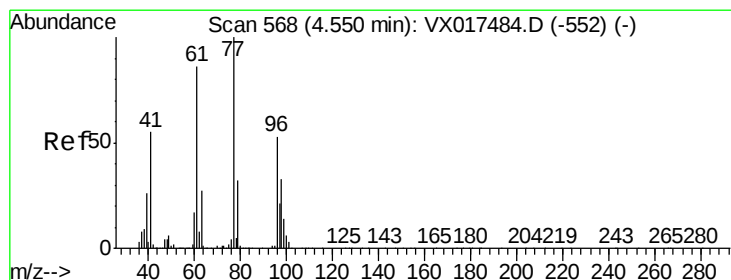
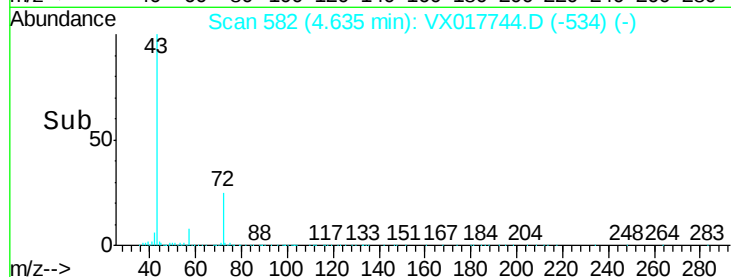
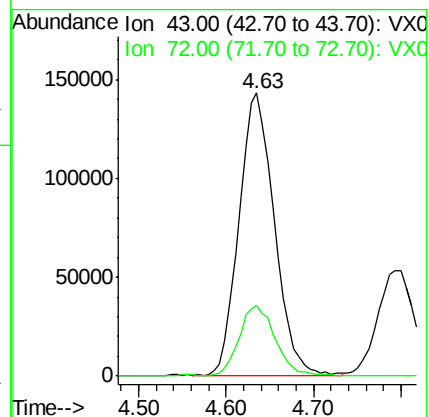
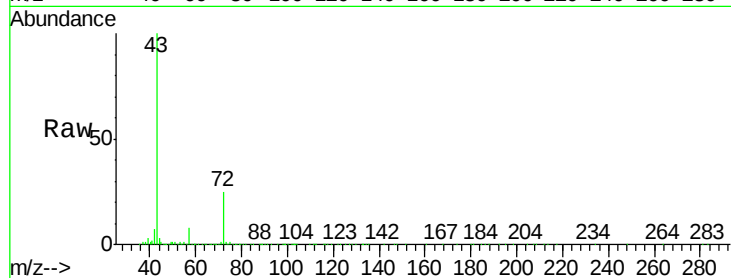
VX0803WBSD01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.558 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017744.D

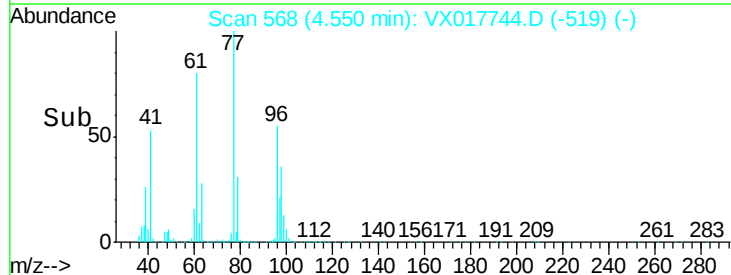
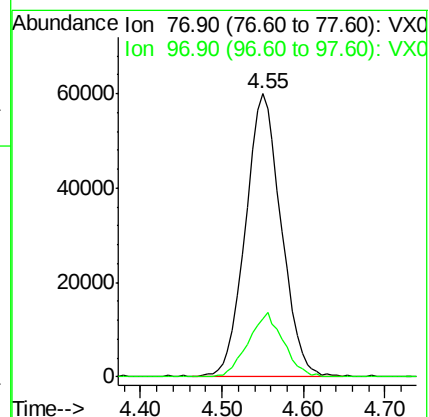
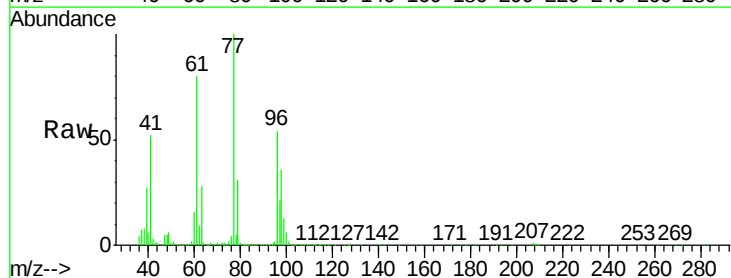
Acq: 03 Aug 2020 14:38

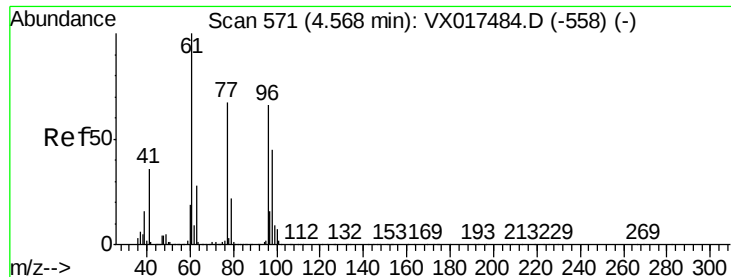
Tgt Ion: 77 Resp: 182778

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9





#27

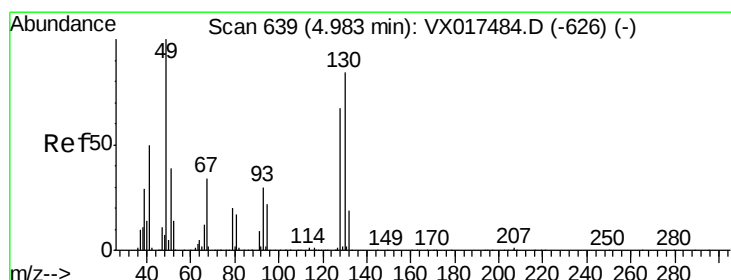
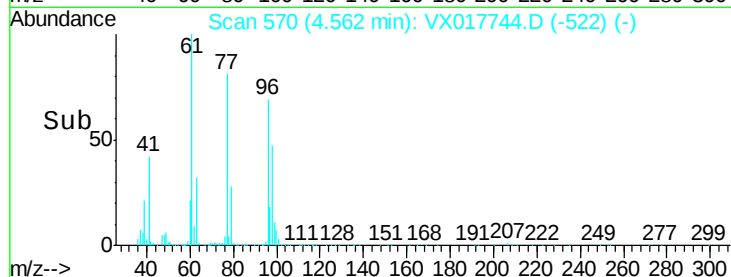
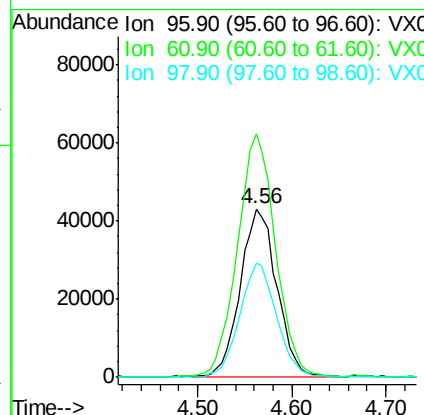
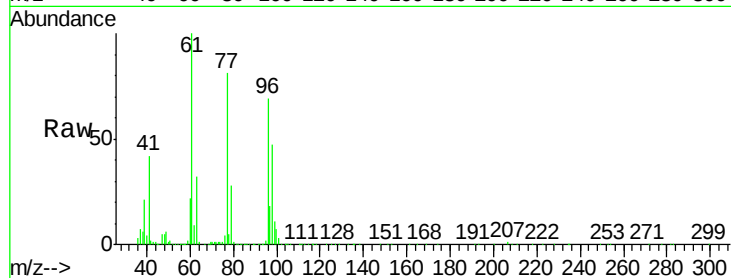
cis-1,2-Dichloroethene
Concen: 17.458 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	116212		
61	150.7	0.0	301.2	
98	69.1	0.0	130.0	

Manual Integrations
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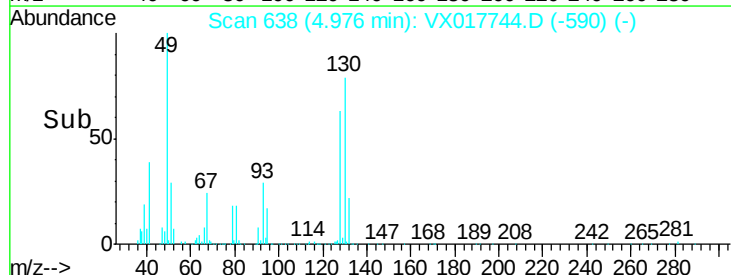
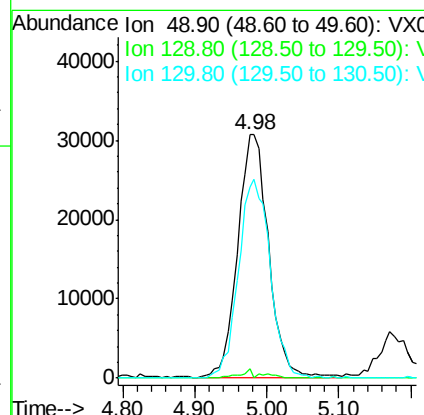
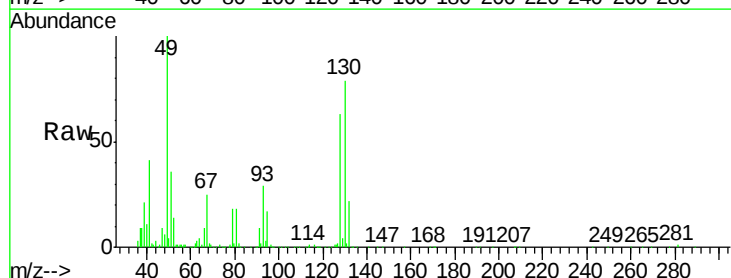
MMDadoda
8/4/2020 9:51:14 AM

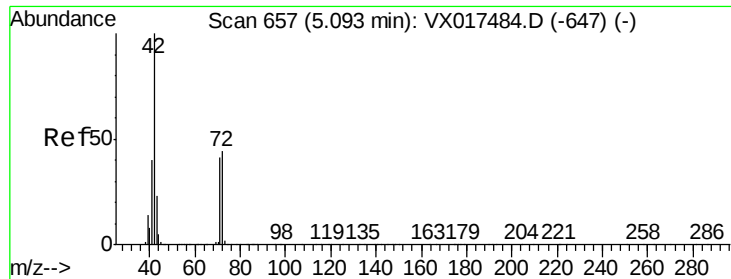


#28

Bromochloromethane
Concen: 18.497 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	92226		
129	1.7	0.0	4.6	
130	83.2	66.7	100.1	





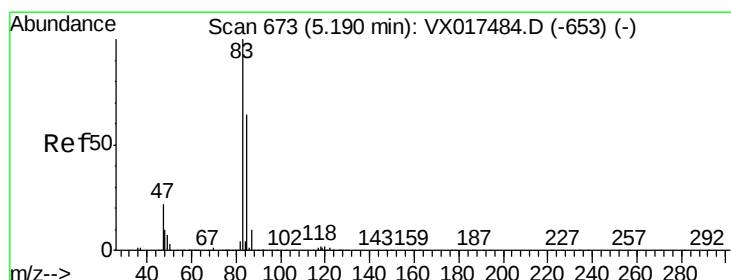
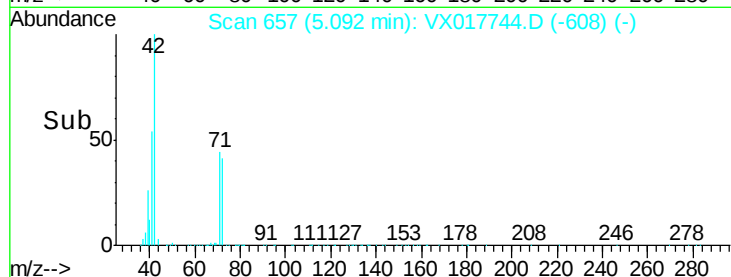
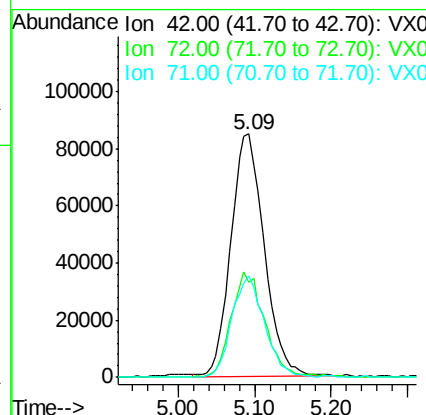
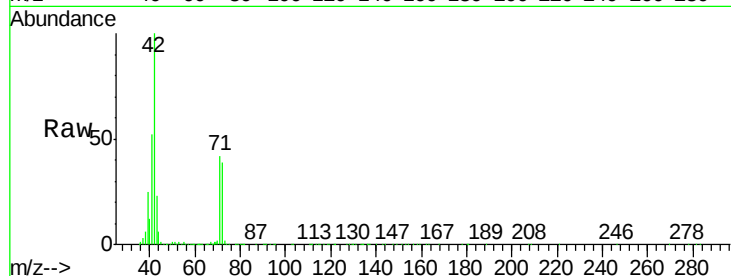
#29
Tetrahydrofuran
Concen: 93.070 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.5	53.3
71	41.0	33.0	49.4

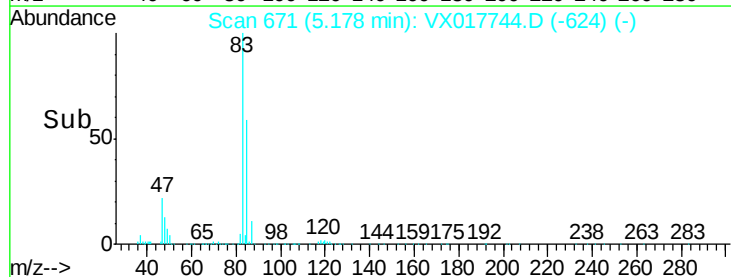
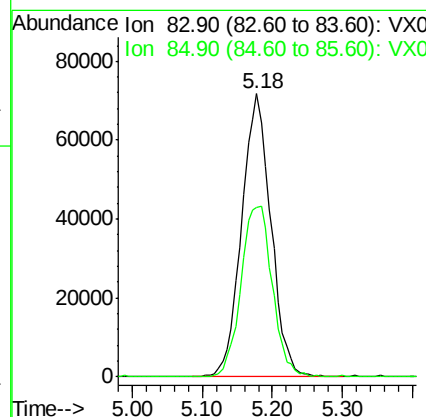
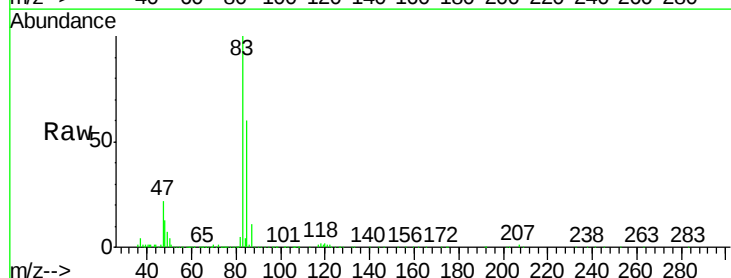
Manual Integrations
APPROVED

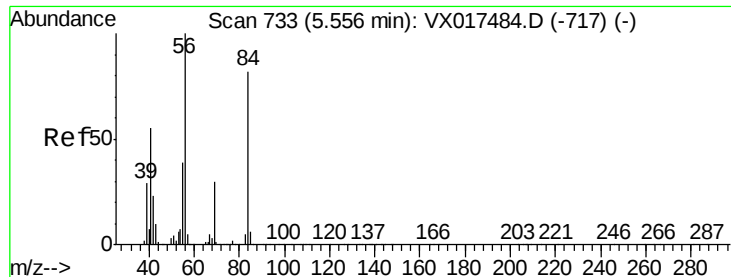
MMDadoda
8/4/2020 9:51:14 AM



#30
Chloroform
Concen: 18.482 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.4	77.2





#31

Cyclohexane

Concen: 17.122 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

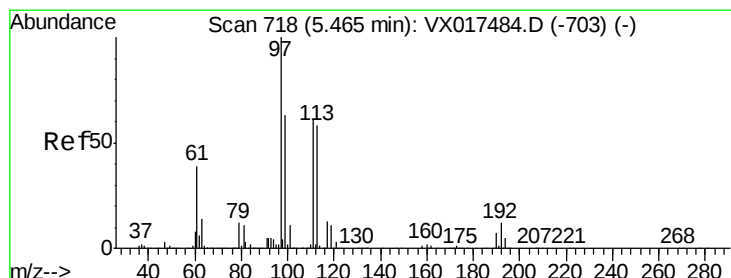
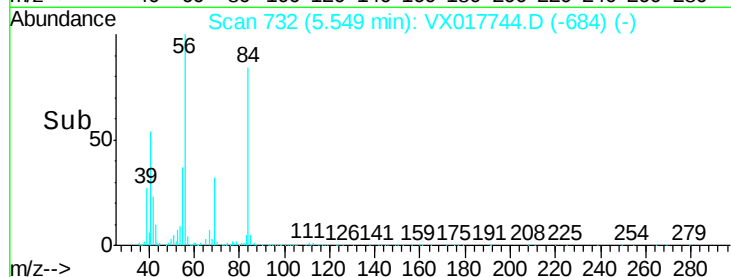
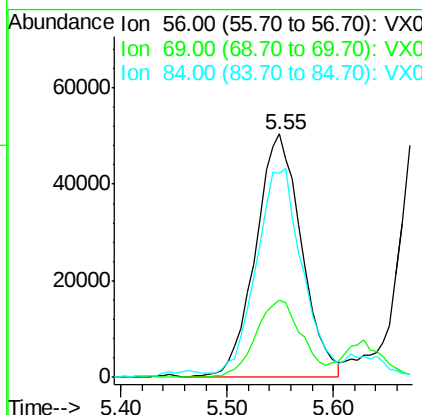
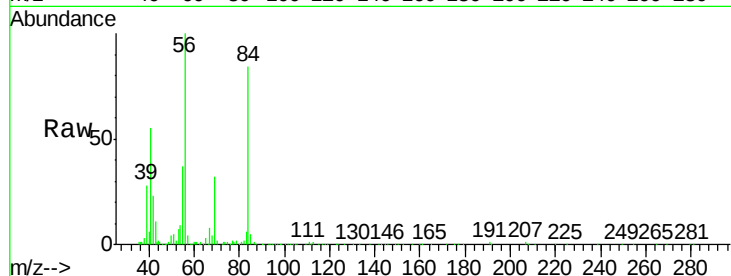
ClientSampleId :

VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.2	36.4
84	81.2	69.0	103.6

Manual Integrations
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8/4/2020 9:51:14 AM



#32

1,1,1-Trichloroethane

Concen: 17.973 ug/l

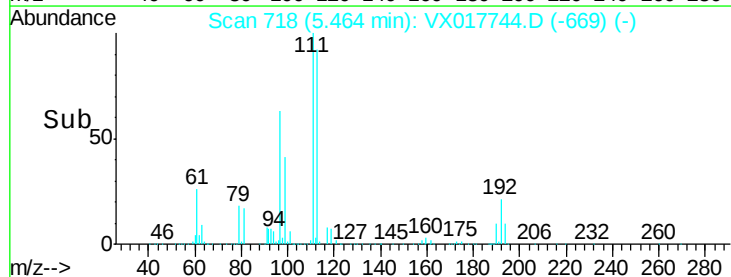
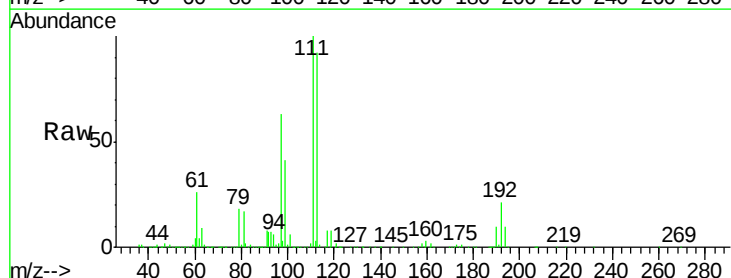
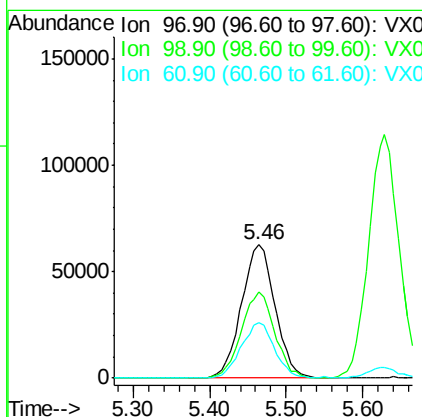
RT: 5.46 min Scan# 718

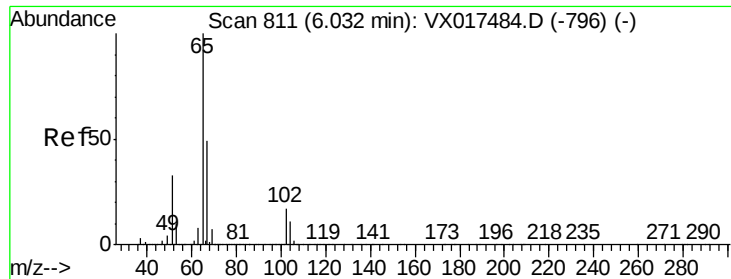
Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	41.6	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 48.479 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 65 Resp: 344904

Ion Ratio Lower Upper

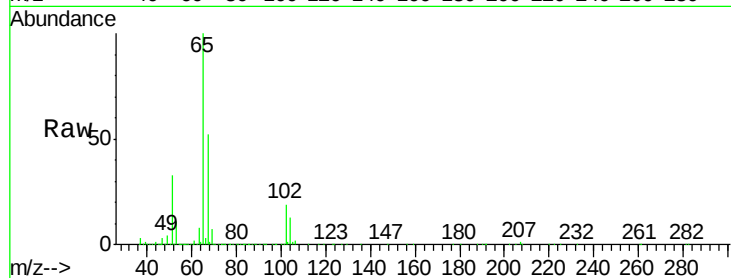
65 100

67 49.9 0.0 102.8

Manual Integrations
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

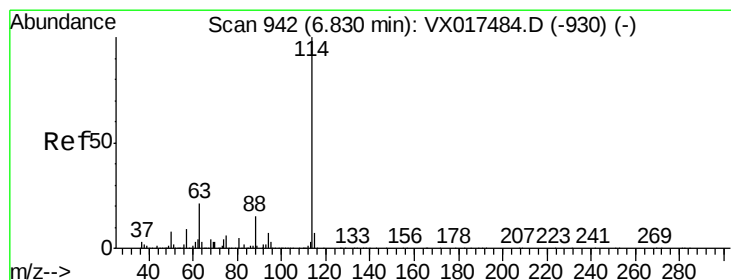
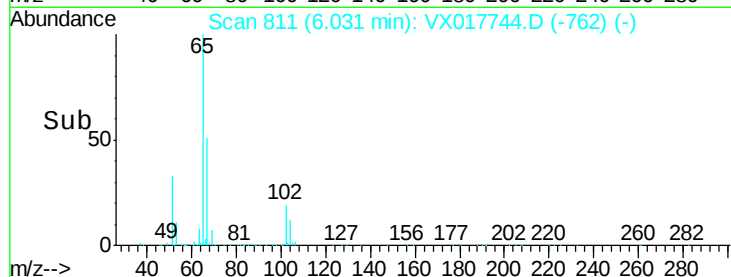
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

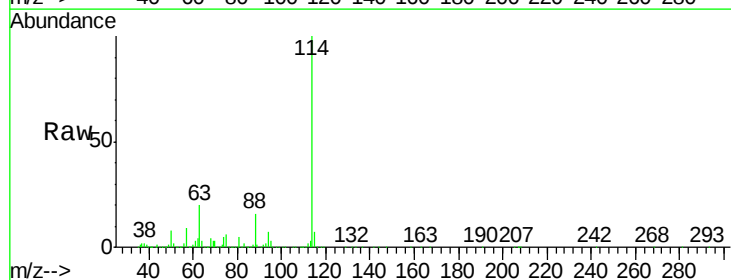
Tgt Ion: 114 Resp: 803363

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 15.8 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

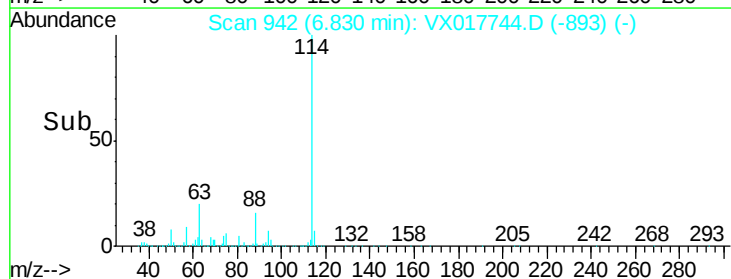
300000

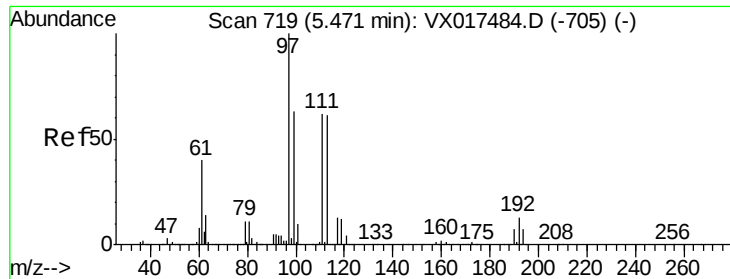
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





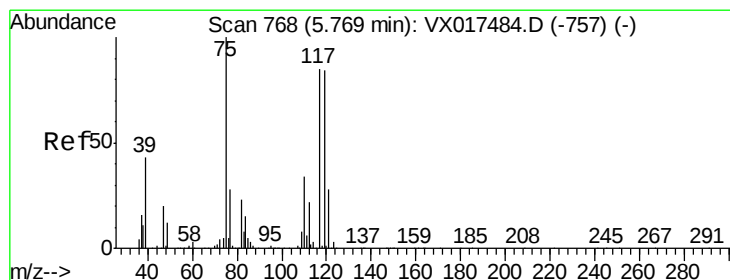
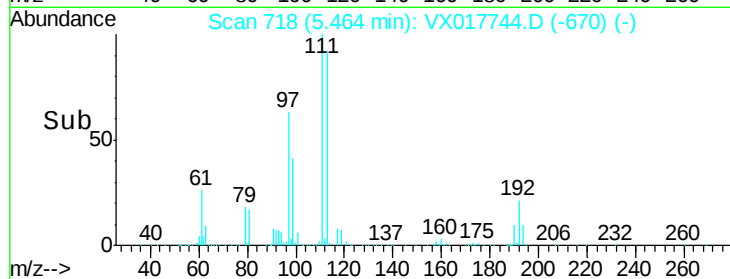
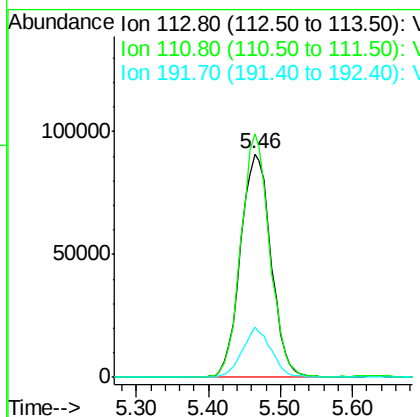
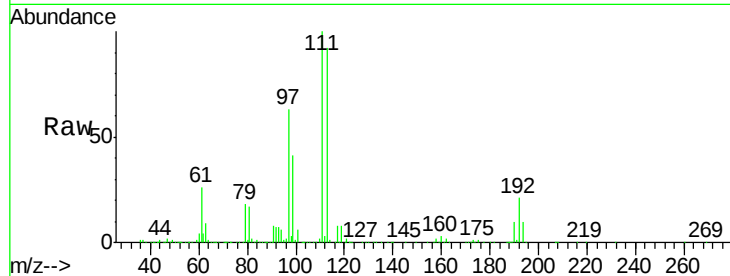
#35
 Dibromofluoromethane
 Concen: 49.892 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017744.D
 Acq: 03 Aug 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	268068		
111	102.4	80.7	121.1	
192	21.0	16.9	25.3	

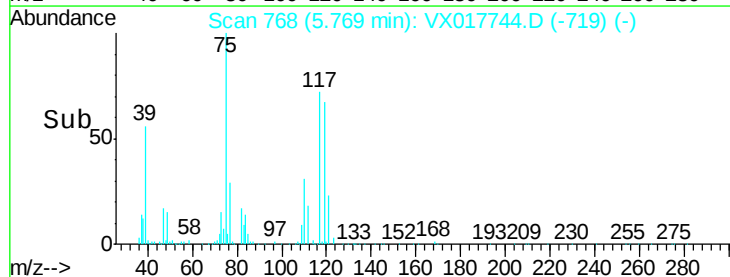
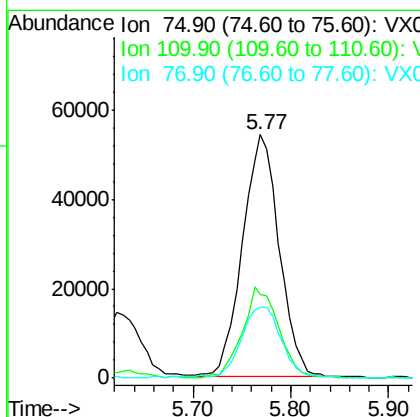
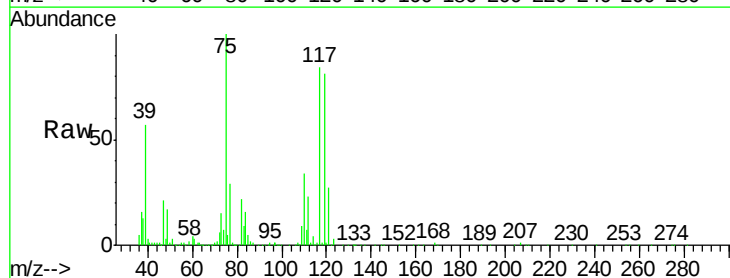
Manual Integrations
 APPROVED

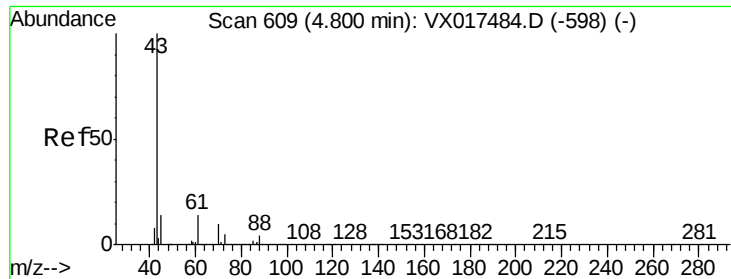
MMDadoda
 8/4/2020 9:51:14 AM



#36
 1,1-Dichloropropene
 Concen: 18.314 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017744.D
 Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	141109		
110	37.5	18.1	54.3	
77	31.1	24.6	37.0	





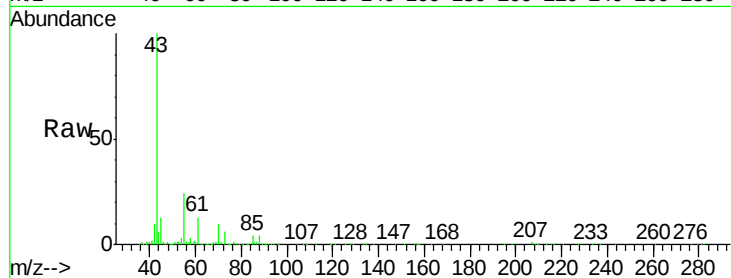
#37
Ethyl Acetate
Concen: 18.886 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.7	16.1
70	11.1	8.5	12.7

Manual Integrations
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MMDadoda
8/4/2020 9:51:14 AM

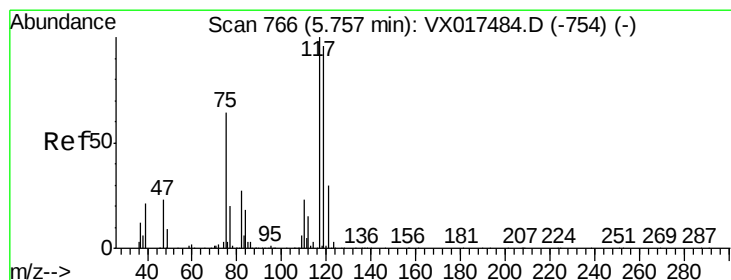
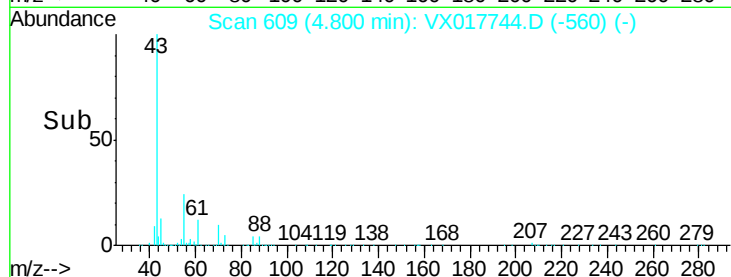
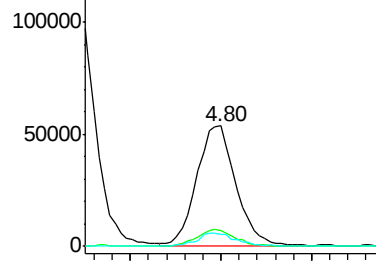


Abundance

Ion 43.00 (42.70 to 43.70): VX0

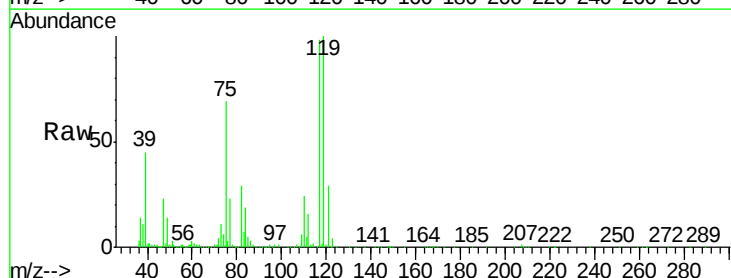
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 18.583 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.5	75.4	113.0
121	29.7	24.3	36.5

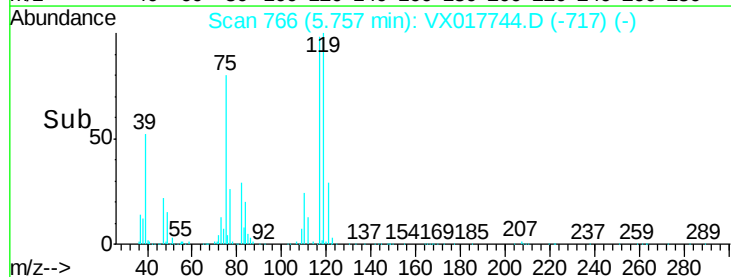
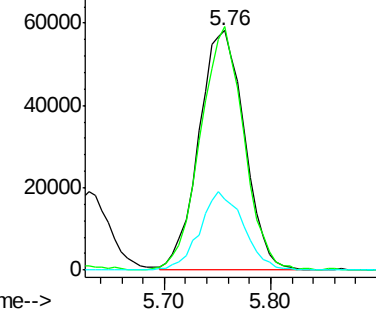


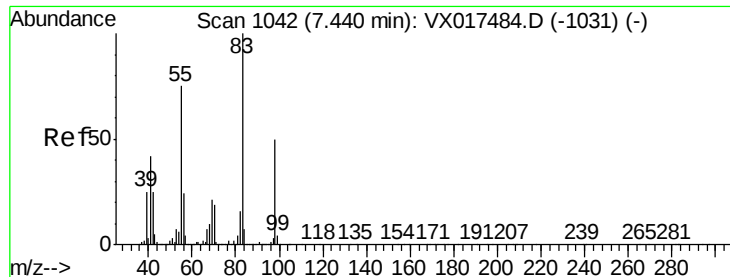
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





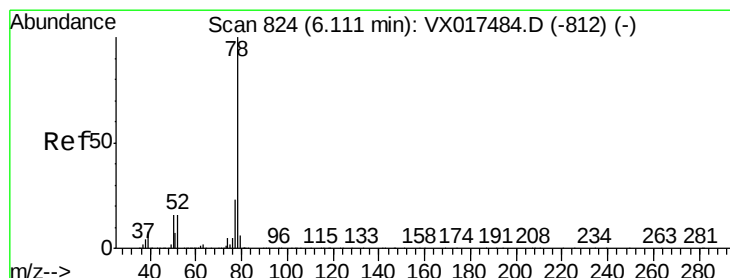
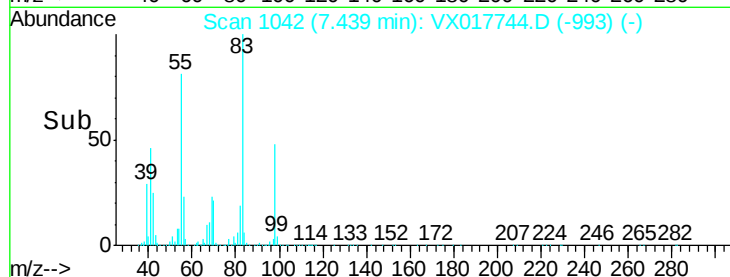
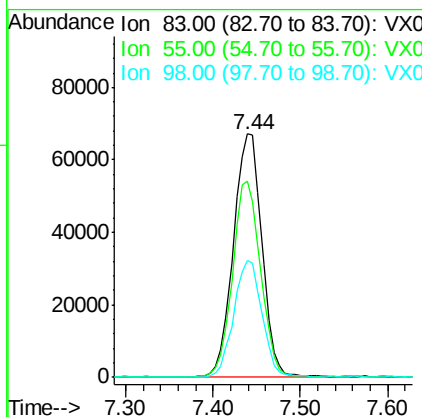
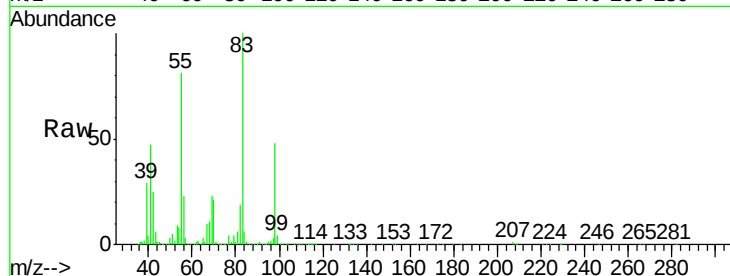
#39
Methvlcvclohexane
Concen: 17.029 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.8	92.8
98	48.3	36.9	55.3

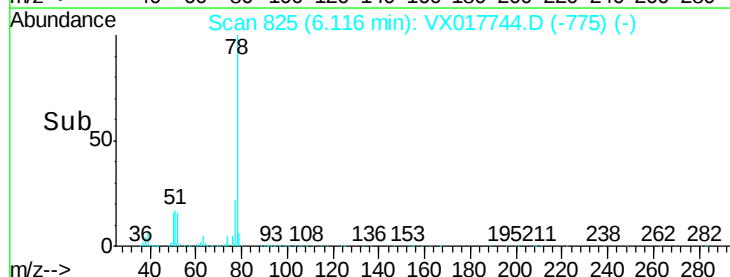
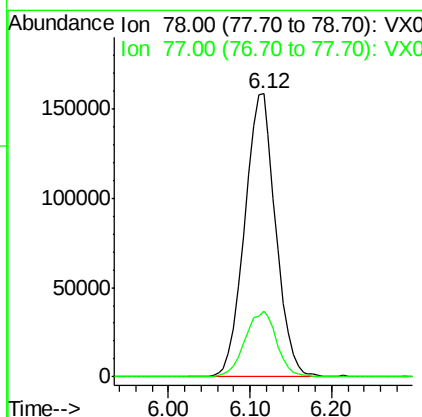
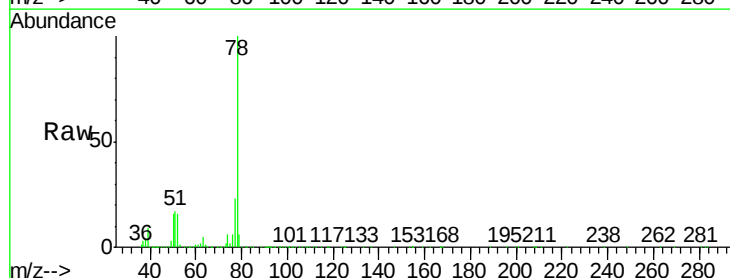
Manual Integrations
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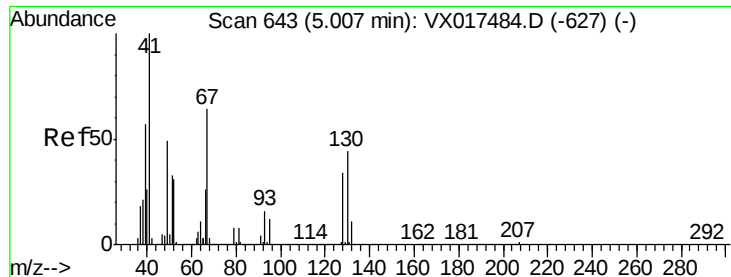
MMDadoda
8/4/2020 9:51:14 AM



#40
Benzene
Concen: 18.991 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.2





#41

Methacrylonitrile

Concen: 17.645 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

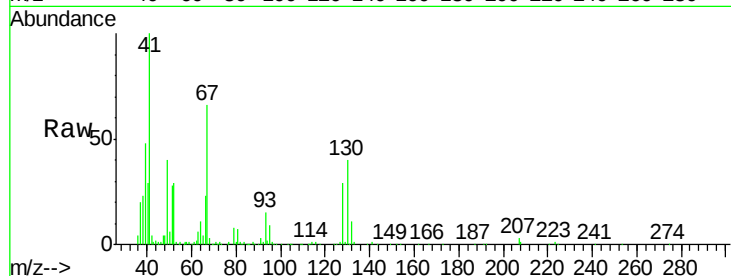
ClientSampleId :

VX0803WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
85265	41	100		
	39	58.8	43.9	65.9
	67	72.9	54.0	81.0
	52	32.8	23.0	34.6

Manual Integrations
APPROVED

MMDadoda
8/4/2020 9:51:14 AM

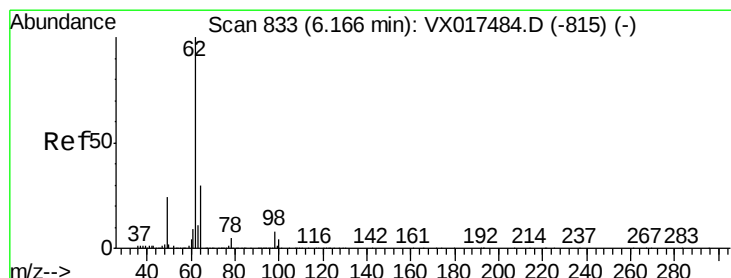
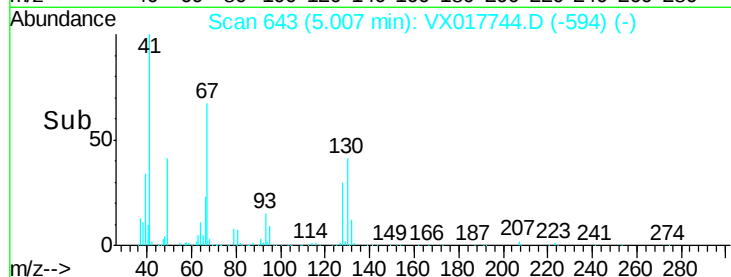
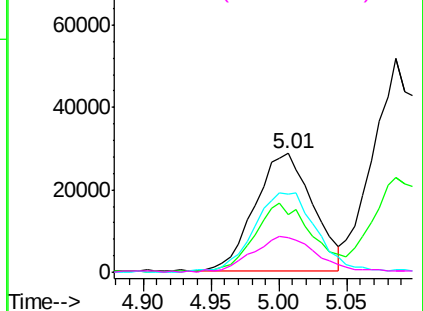


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.315 ug/l

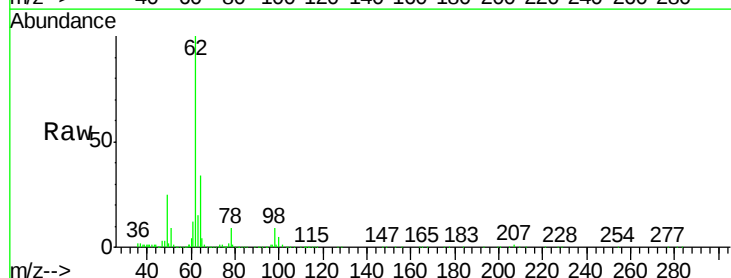
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017744.D

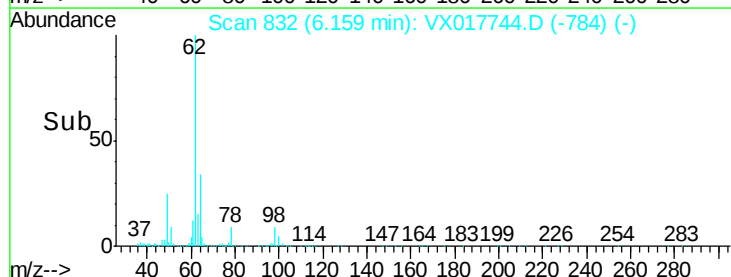
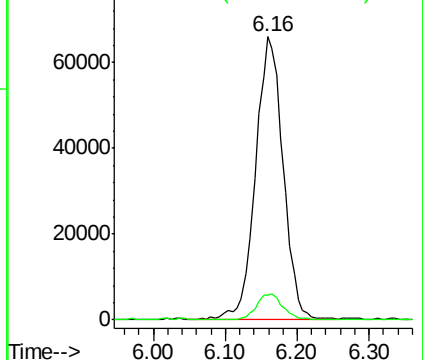
Acq: 03 Aug 2020 14:38

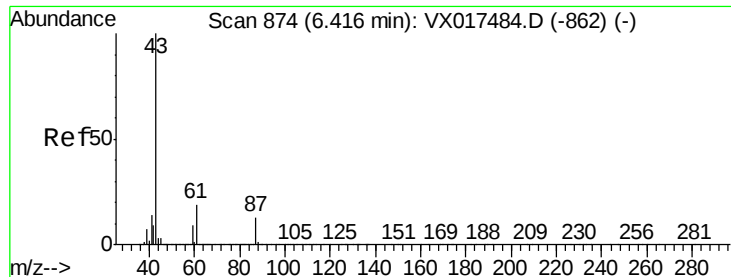
Tgt Ion	Ion	Ratio	Lower	Upper
174552	62	100		
	98	9.0	0.0	16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

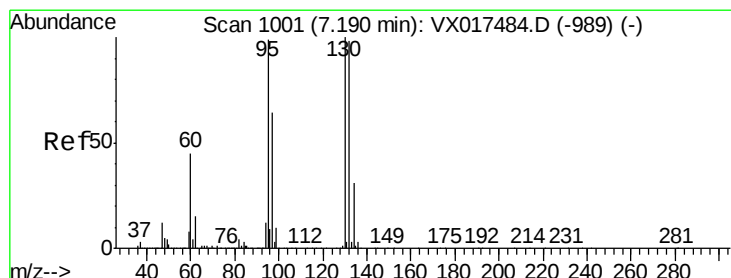
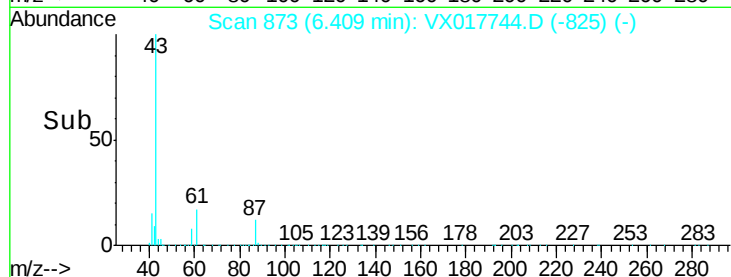
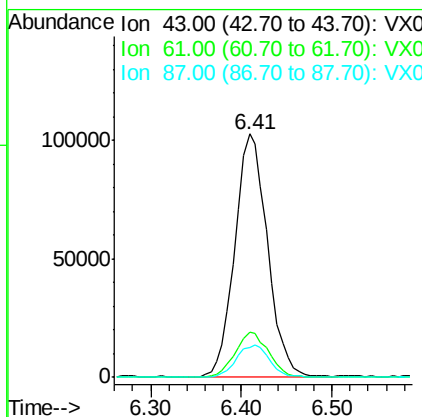
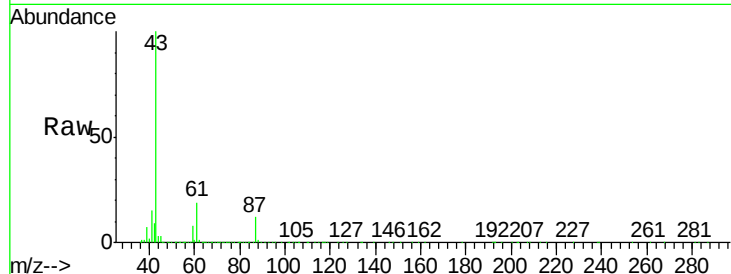
Isopropyl Acetate
 Concen: 18.268 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017744.D
 Acq: 03 Aug 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.5	23.3
87	13.6	10.5	15.7

Manual Integrations
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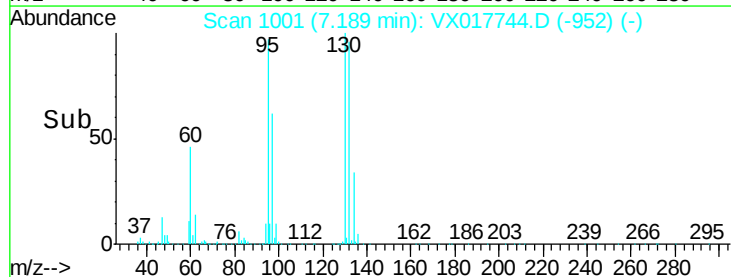
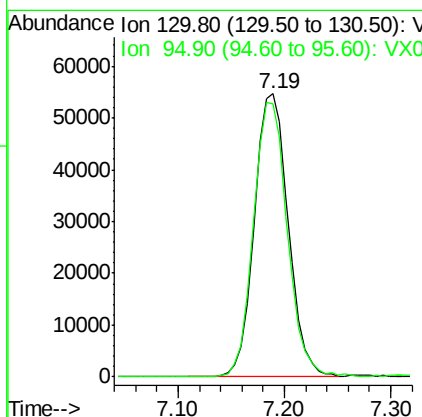
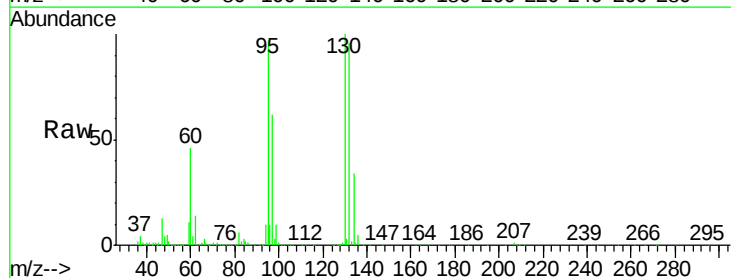
MMDadoda
 8/4/2020 9:51:14 AM

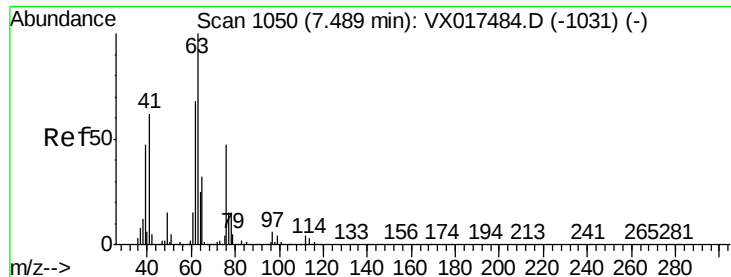


#44

Trichloroethene
 Concen: 18.910 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017744.D
 Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	189.0





#45

1,2-Dichloropropane

Concen: 17.498 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 63 Resp: 107154

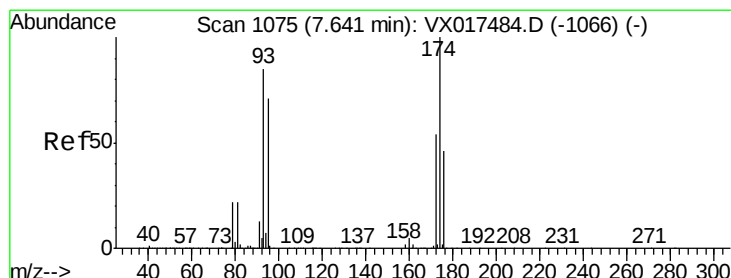
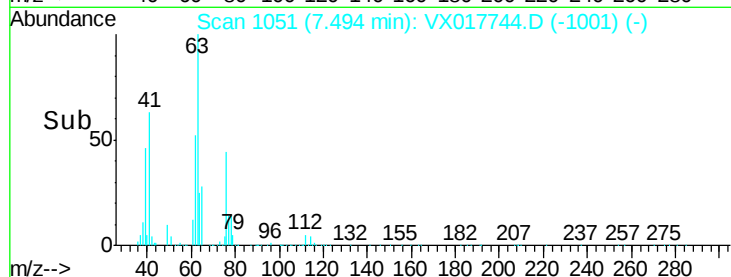
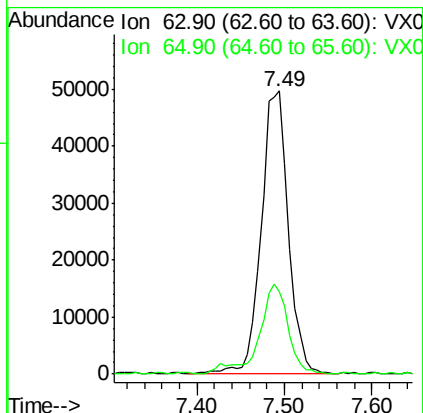
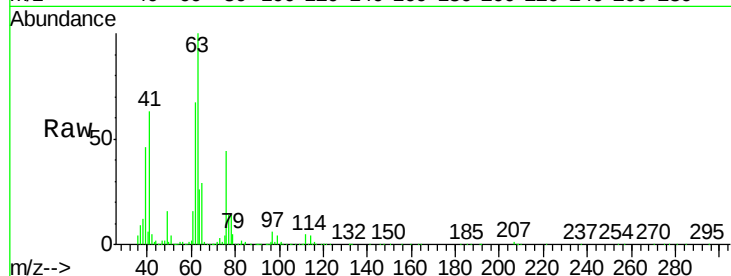
Ion Ratio Lower Upper

63 100

65 28.9 24.5 36.7

Manual Integrations
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#46

Dibromomethane

Concen: 17.779 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

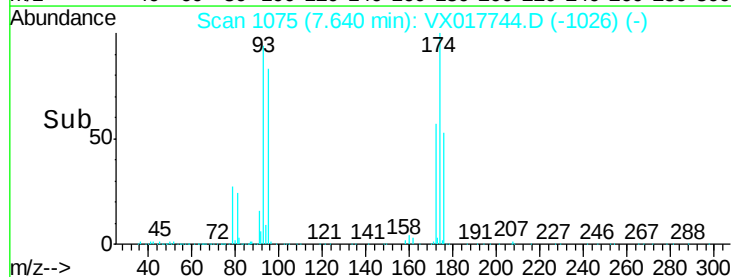
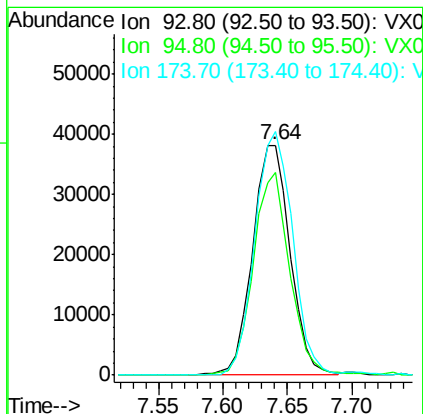
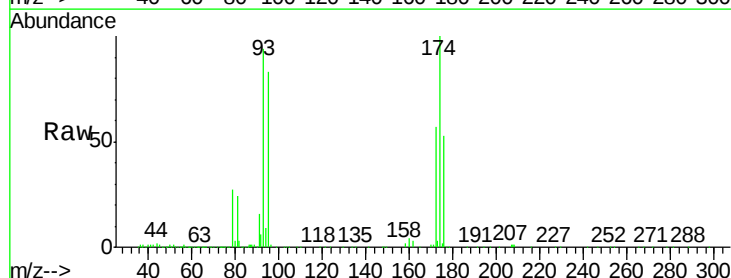
Tgt Ion: 93 Resp: 76941

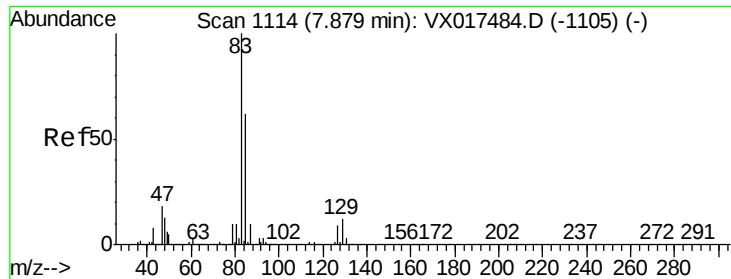
Ion Ratio Lower Upper

93 100

95 85.9 66.6 99.8

174 106.5 87.0 130.6





#47

Bromodichloromethane

Concen: 18.343 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

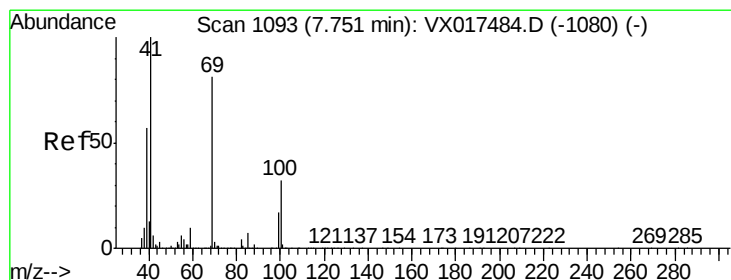
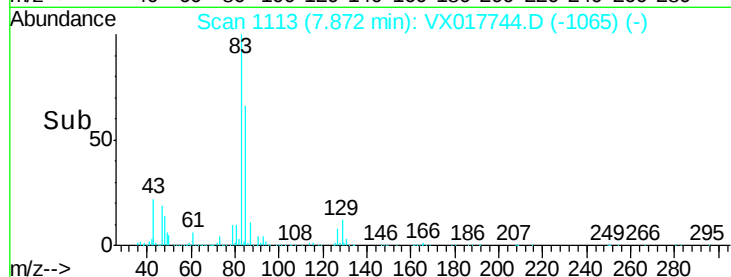
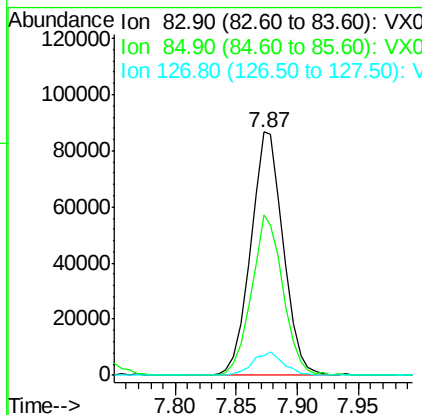
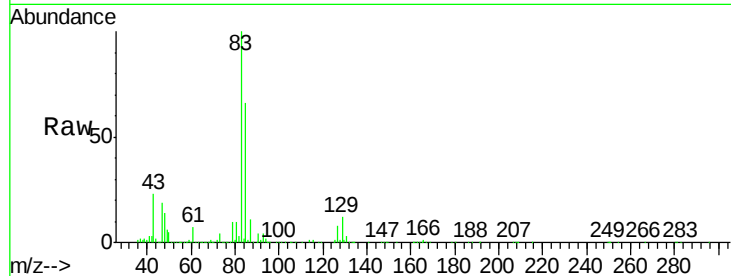
ClientSampleId :

VX0803WBSD01

Tot Ion:	83	Resp:	159723
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.8	77.8
127	8.3	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.361 ug/l

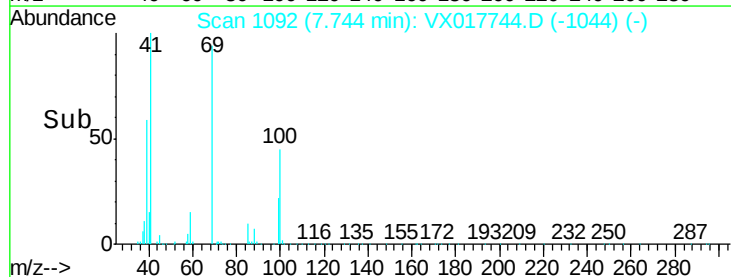
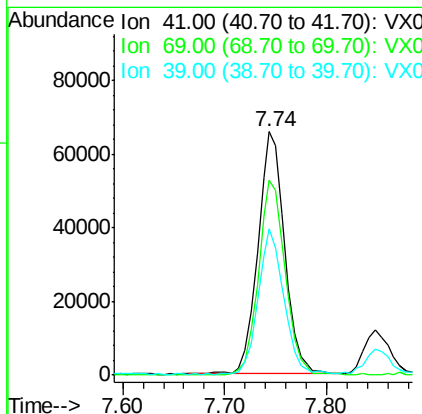
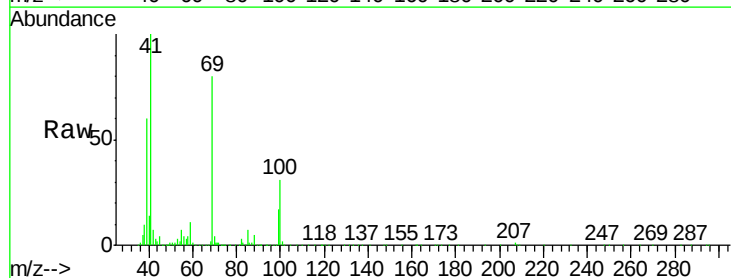
RT: 7.74 min Scan# 1092

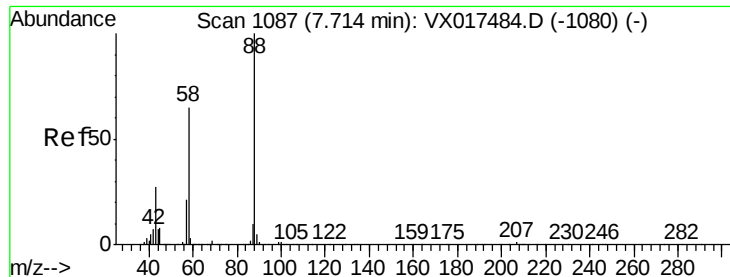
Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	41	Resp:	119706
Ion Ratio	Lower	Upper	
41	100		
69	80.1	63.1	94.7
39	57.3	45.1	67.7





#49

1,4-Dioxane

Concen: 363.948 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

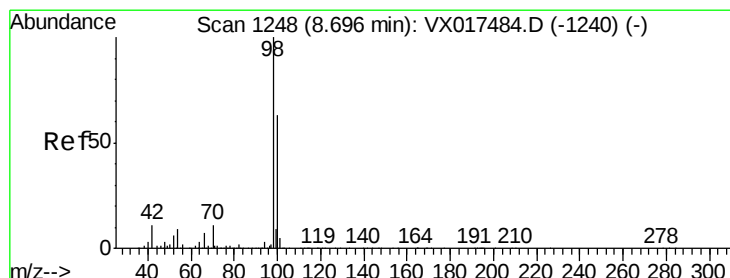
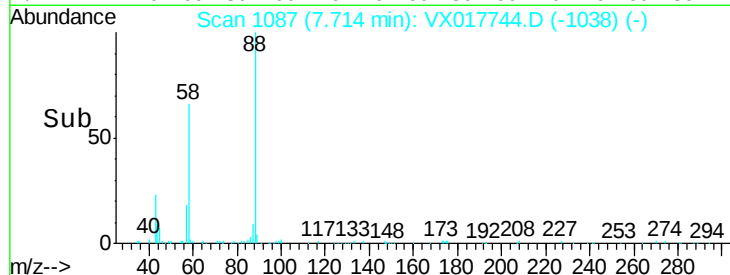
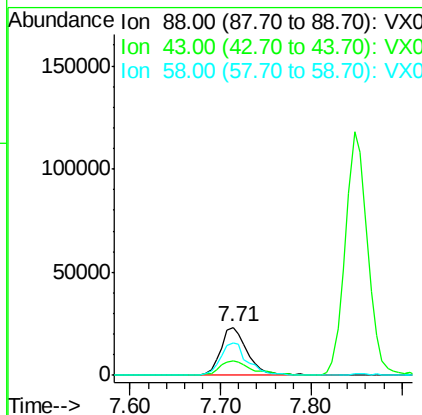
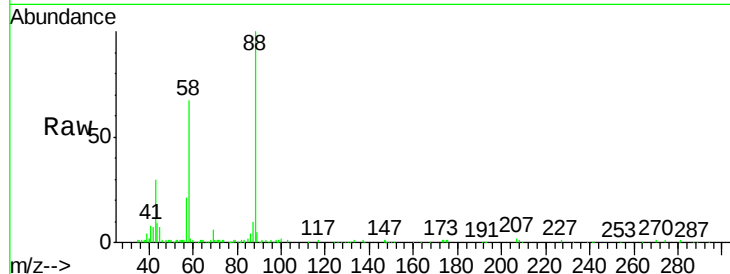
ClientSampleId :

VX0803WBSD01

Tot Ion:	88	Resp:	48111
Ion Ratio	Lower	Upper	
88	100		
43	35.3	27.8	41.6
58	66.9	58.3	87.5

Manual Integrations
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#50

Toluene-d8

Concen: 47.284 ug/l

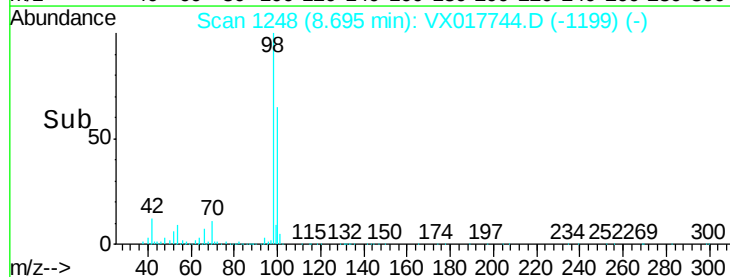
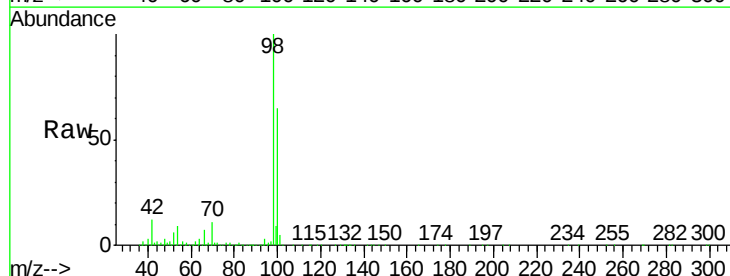
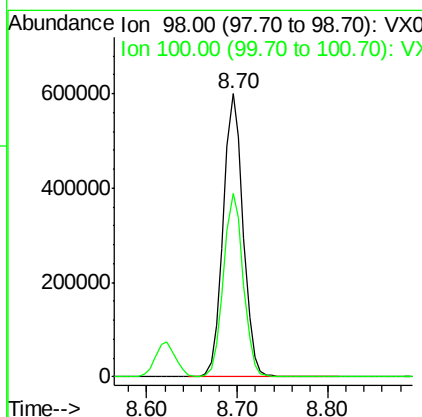
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	98	Resp:	916495
Ion Ratio	Lower	Upper	
98	100		
100	64.5	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 92.027 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 43 Resp: 763771

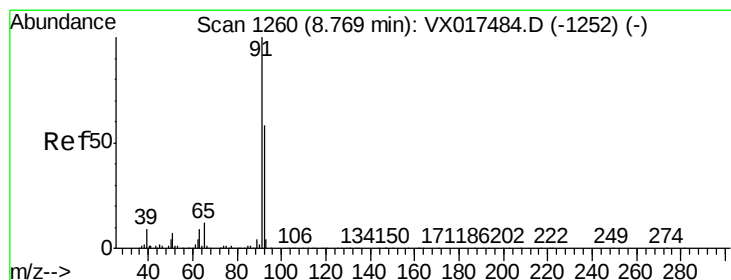
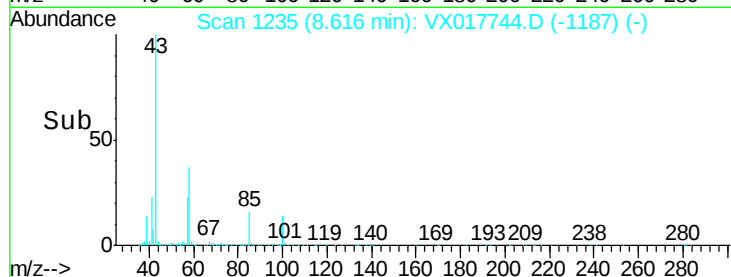
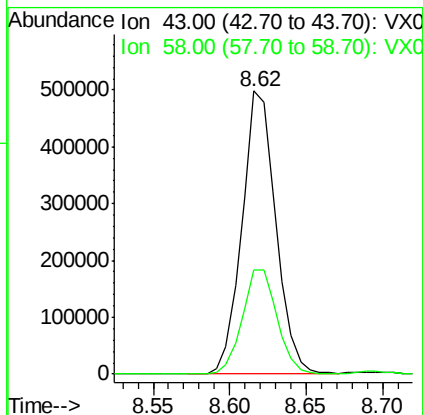
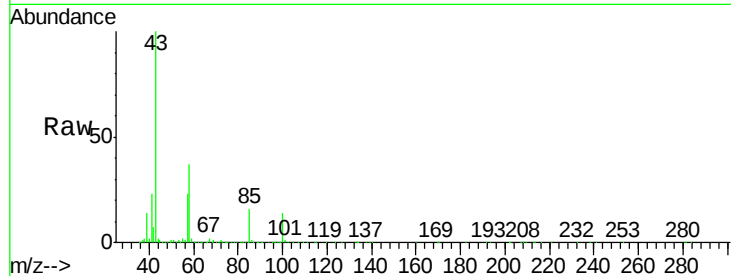
Ion Ratio Lower Upper

43 100

58 38.3 31.0 46.4

Manual Integrations
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#52

Toluene

Concen: 17.957 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017744.D

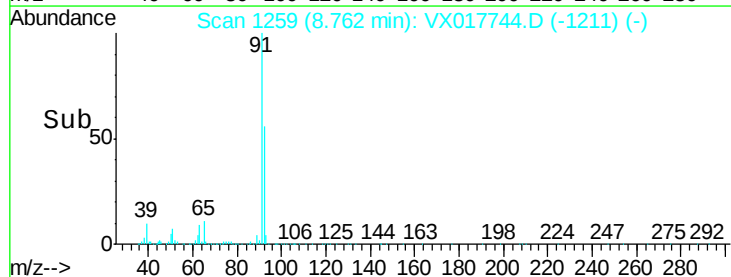
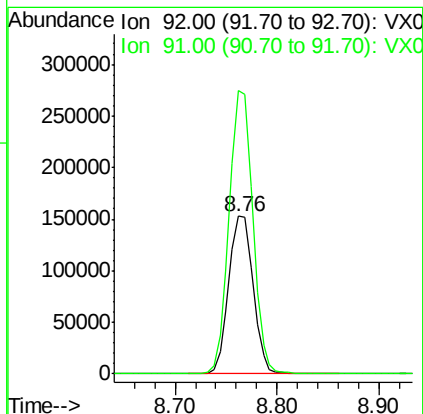
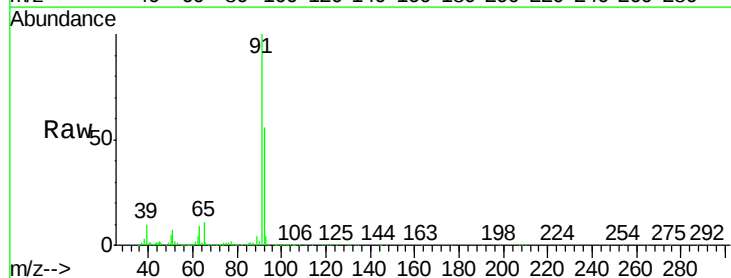
Acq: 03 Aug 2020 14:38

Tgt Ion: 92 Resp: 254388

Ion Ratio Lower Upper

92 100

91 173.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.791 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 75 Resp: 173421

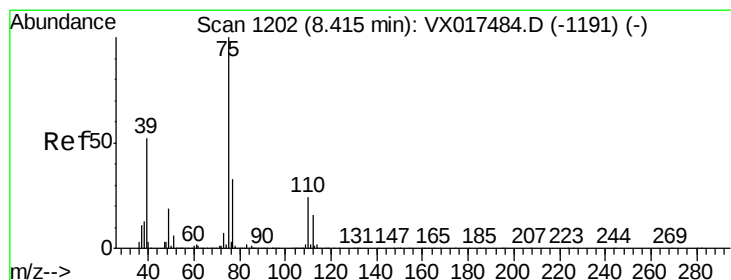
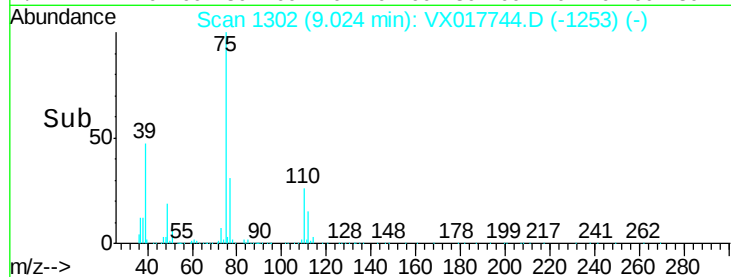
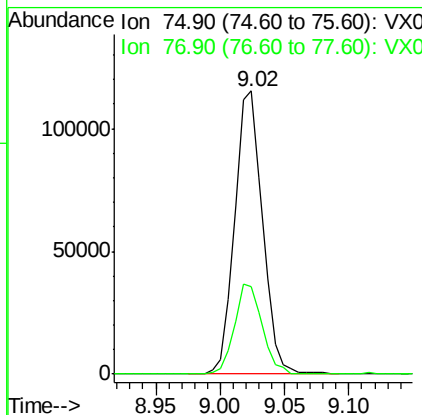
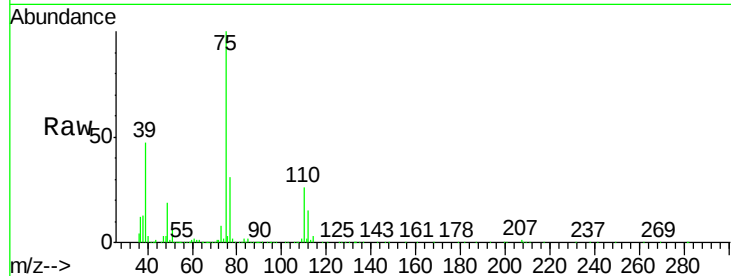
Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 18.407 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

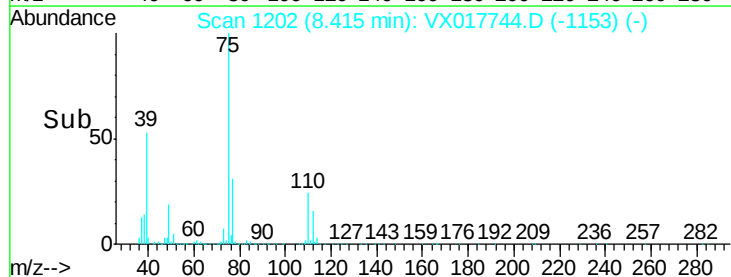
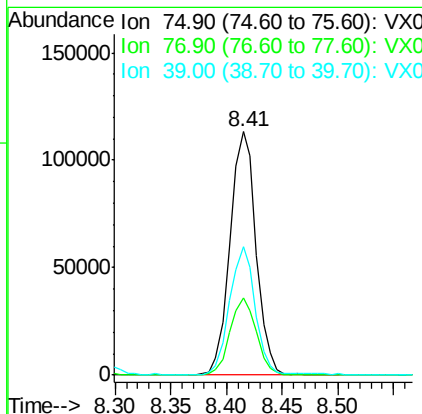
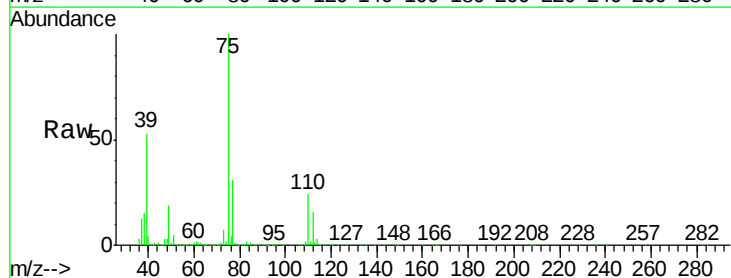
Tgt Ion: 75 Resp: 183009

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 52.5 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 19.010 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

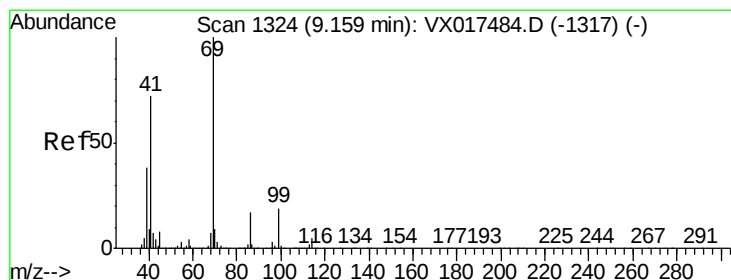
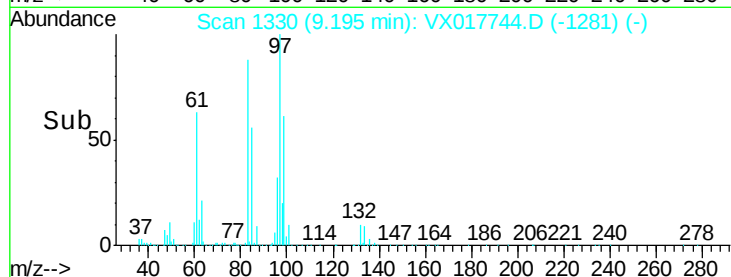
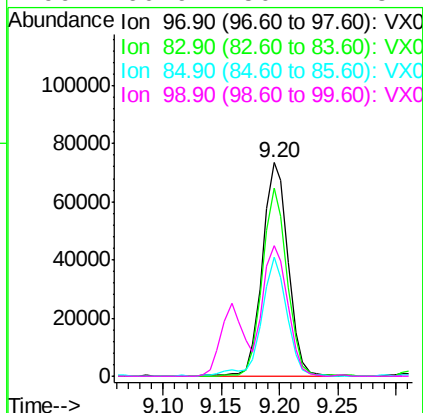
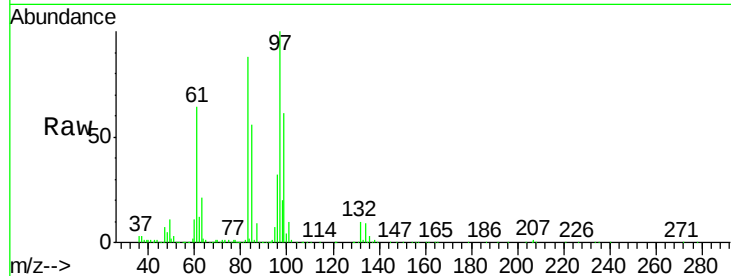
ClientSampleId :

VX0803WBSD01

Tot Ion:	97	Resp:	112186
Ion Ratio	Lower	Upper	
97	100		
83	87.8	67.6	101.4
85	55.8	44.6	67.0
99	60.9	50.2	75.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.177 ug/l

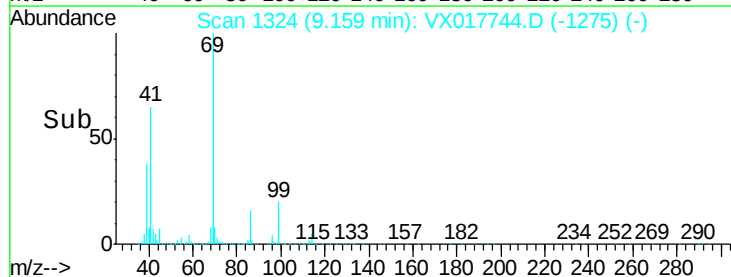
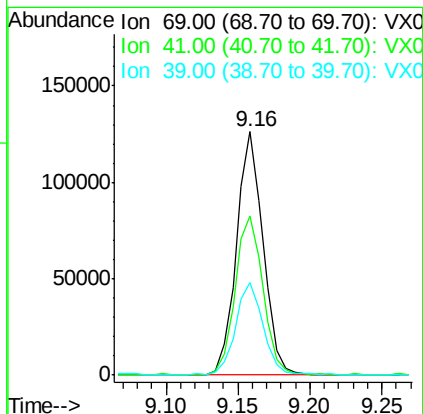
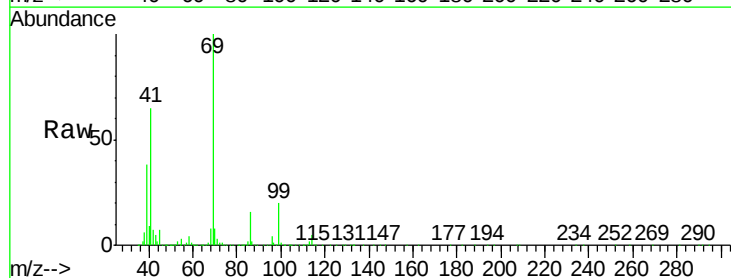
RT: 9.16 min Scan# 1324

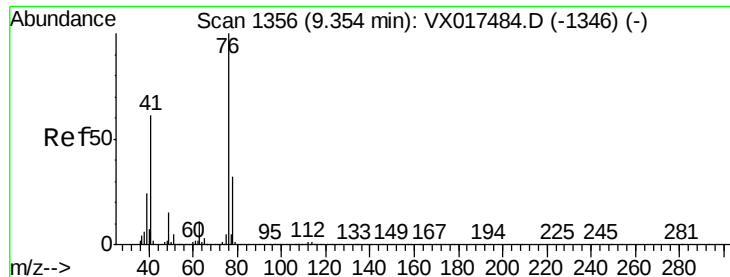
Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	69	Resp:	161609
Ion Ratio	Lower	Upper	
69	100		
41	68.1	55.0	82.6
39	40.8	30.0	45.0





#57

1,3-Dichloropropane

Concen: 18.532 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 76 Resp: 180087

Ion Ratio Lower Upper

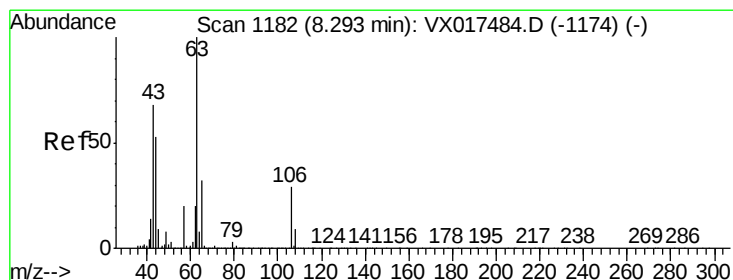
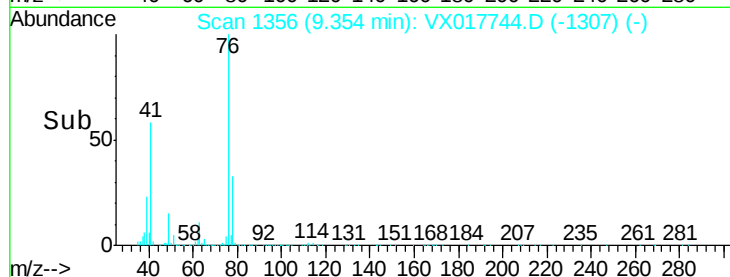
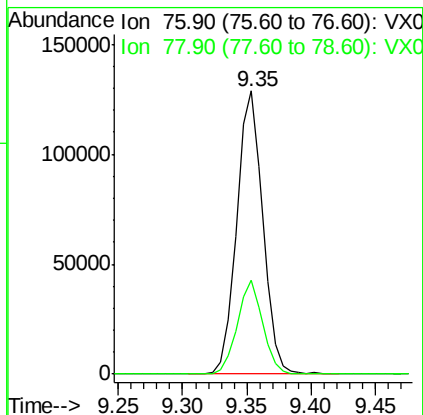
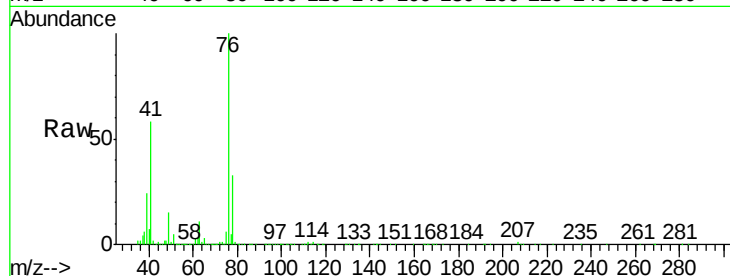
76 100

78 32.2 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 86.827 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017744.D

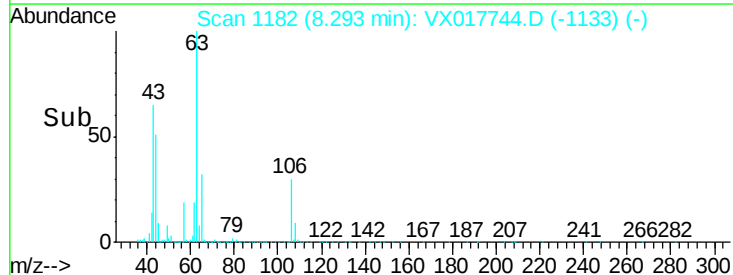
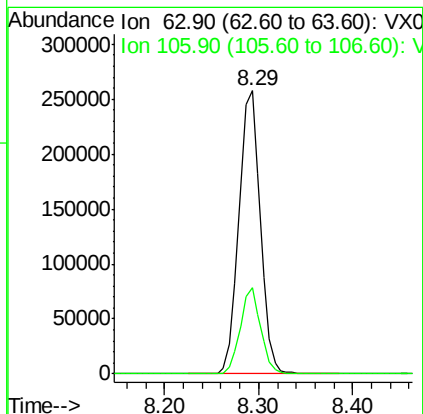
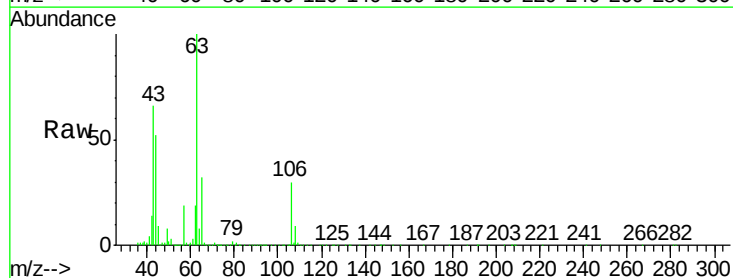
Acq: 03 Aug 2020 14:38

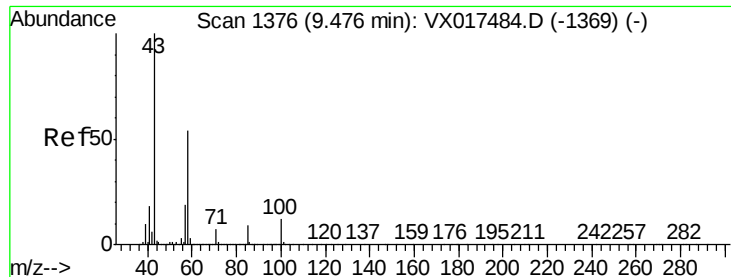
Tgt Ion: 63 Resp: 406716

Ion Ratio Lower Upper

63 100

106 29.1 22.6 34.0





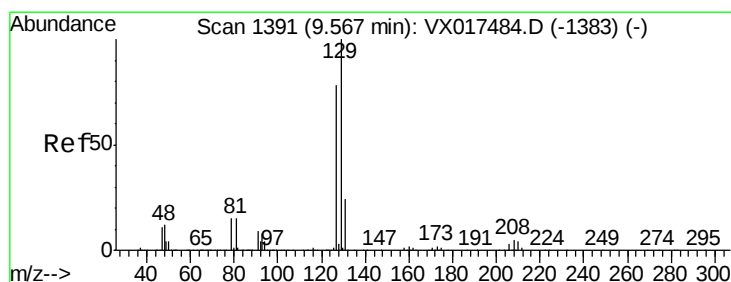
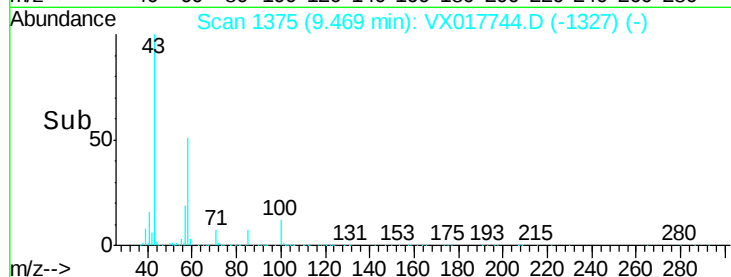
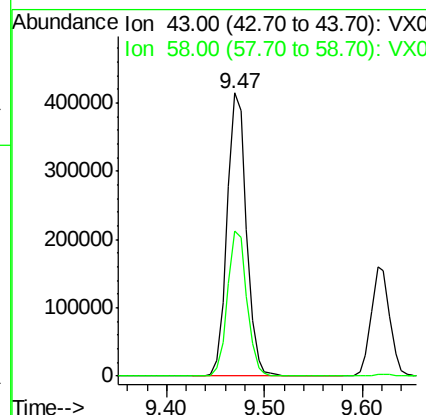
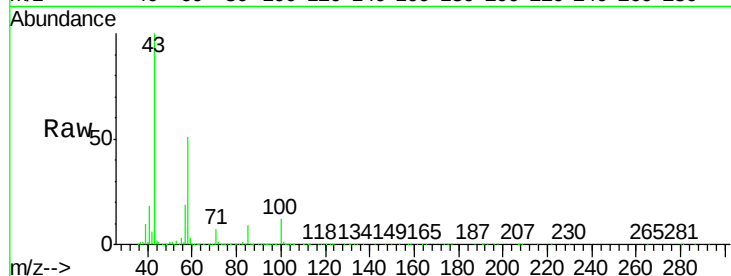
#59
2-Hexanone
Concen: 90.645 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	26.6	79.8

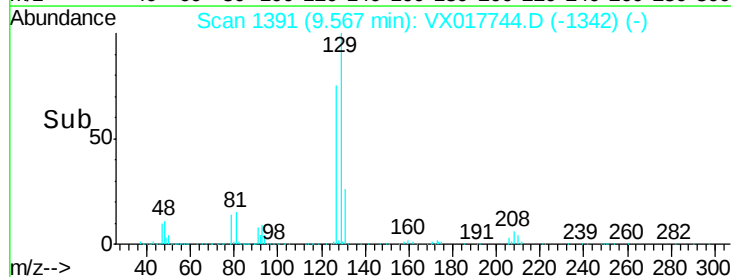
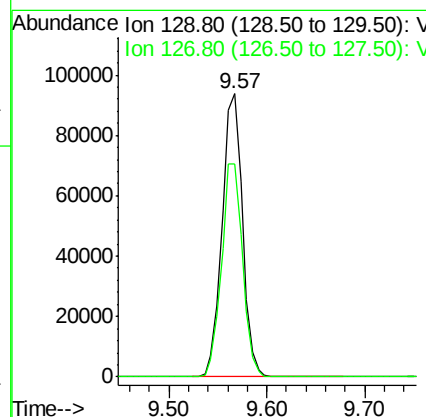
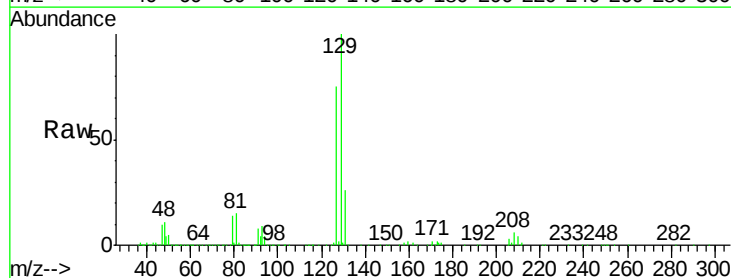
Manual Integrations
APPROVED

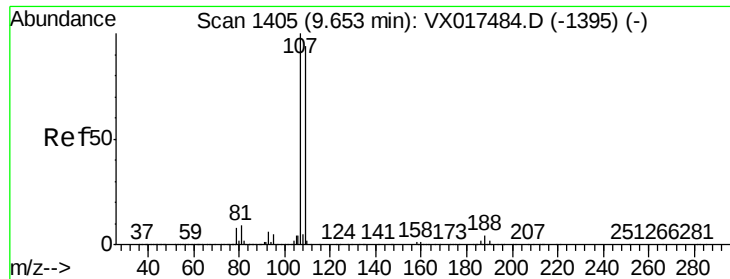
MMDadoda
8/4/2020 9:51:14 AM



#60
Dibromochloromethane
Concen: 18.189 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.1





#61

1,2-Dibromoethane

Concen: 19.308 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 107 Resp: 121311

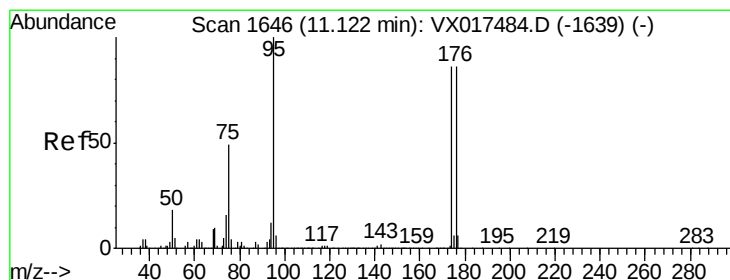
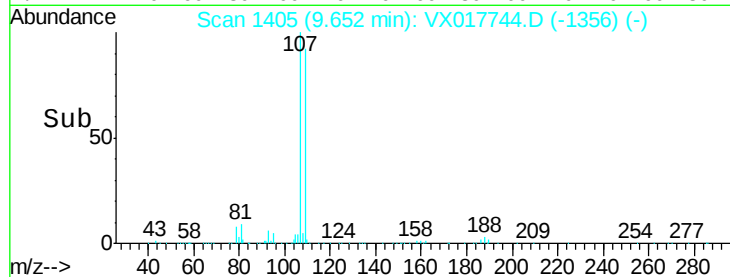
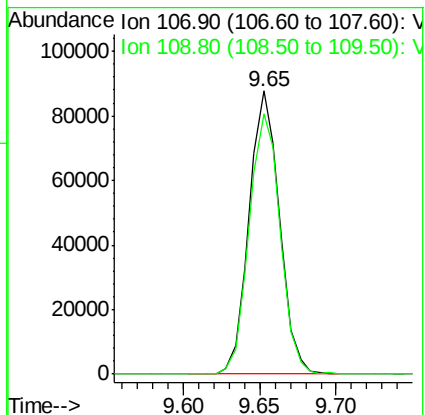
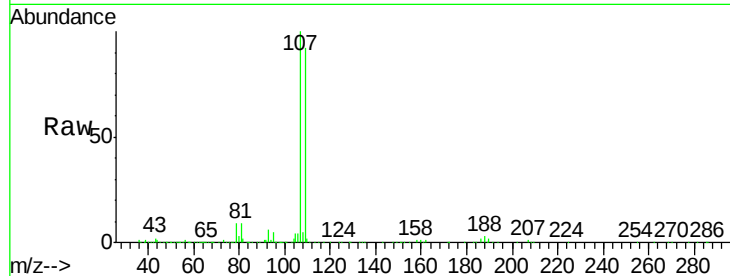
Ion Ratio Lower Upper

107 100

109 94.2 74.9 112.3

Manual Integrations
APPROVED

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#62

4-Bromofluorobenzene

Concen: 46.420 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

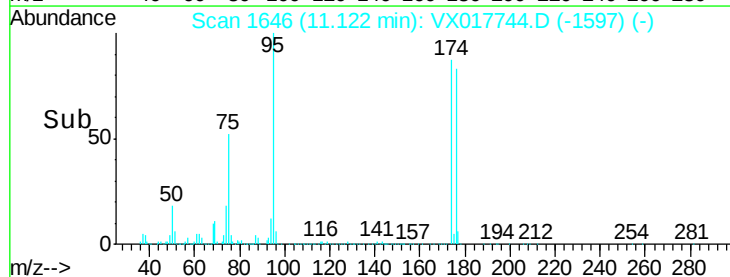
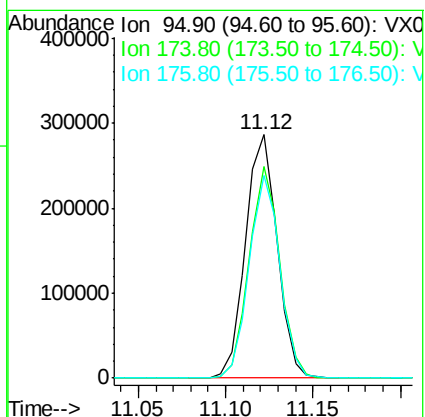
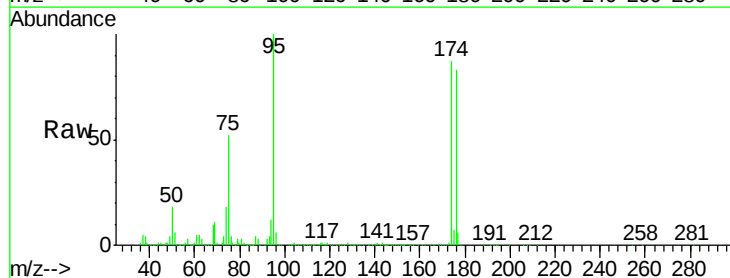
Tgt Ion: 95 Resp: 360081

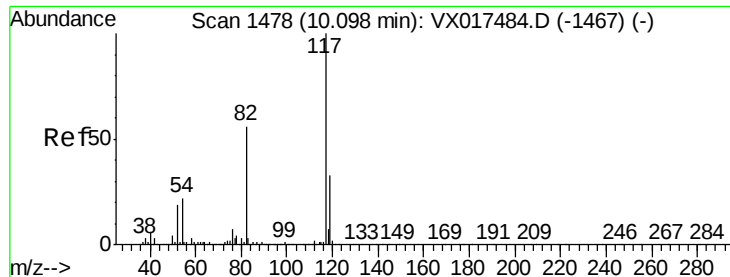
Ion Ratio Lower Upper

95 100

174 84.4 0.0 169.0

176 81.0 0.0 161.0





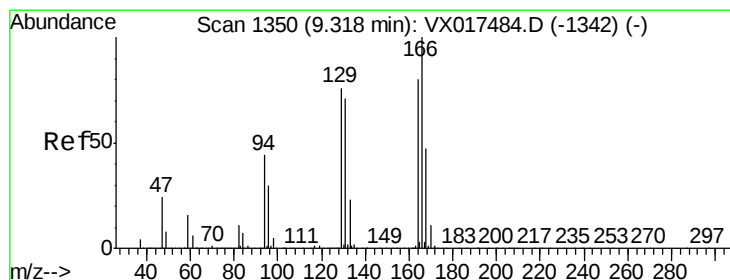
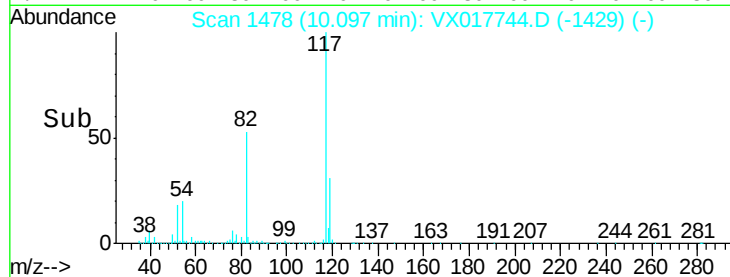
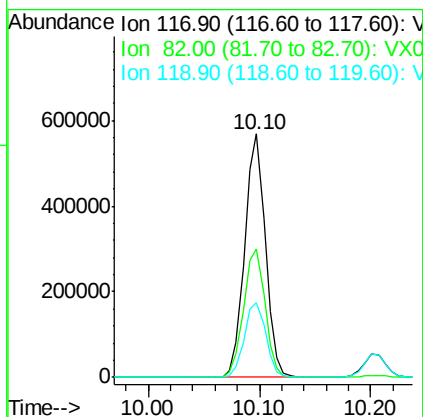
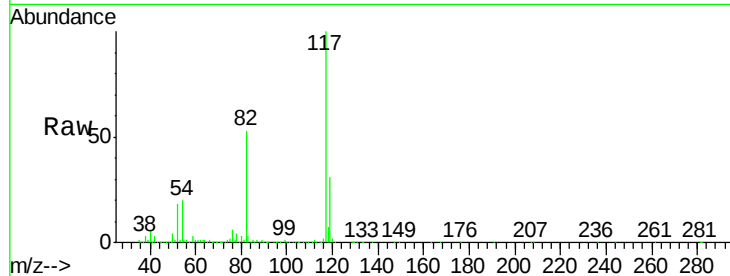
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.9	44.0	66.0
119	30.7	25.4	38.0

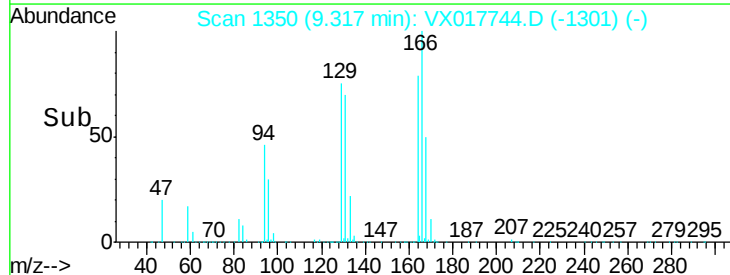
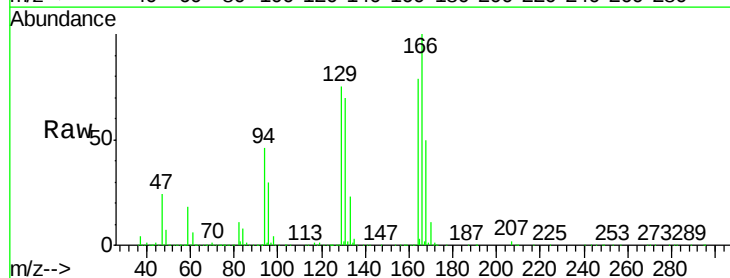
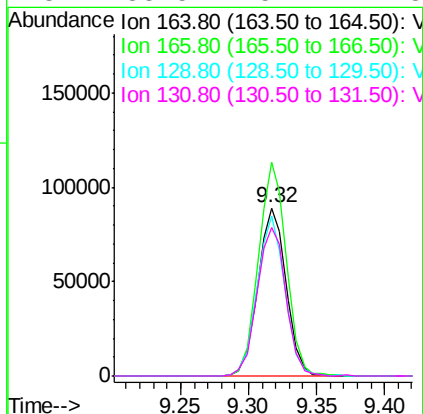
Manual Integrations
APPROVED

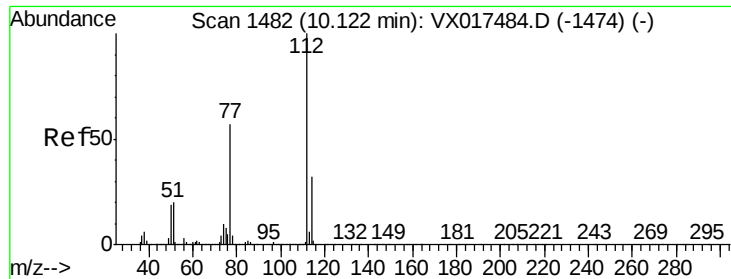
MMDadoda
8/4/2020 9:51:14 AM



#64
Tetrachloroethene
Concen: 19.695 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.0	100.6	150.8
129	95.0	75.0	112.6
131	88.5	75.2	112.8





#65

Chlorobenzene

Concen: 18.154 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion:112 Resp: 288423

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5

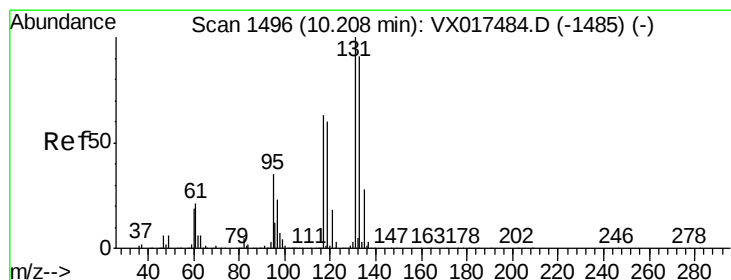
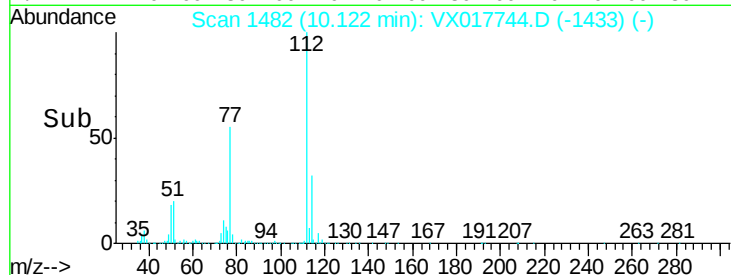
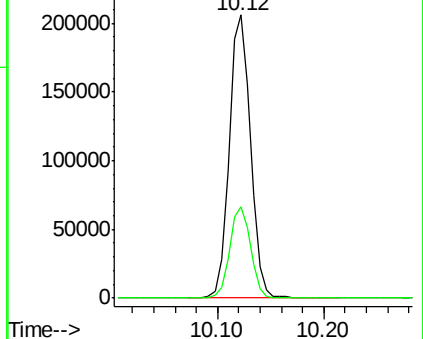
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.943 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

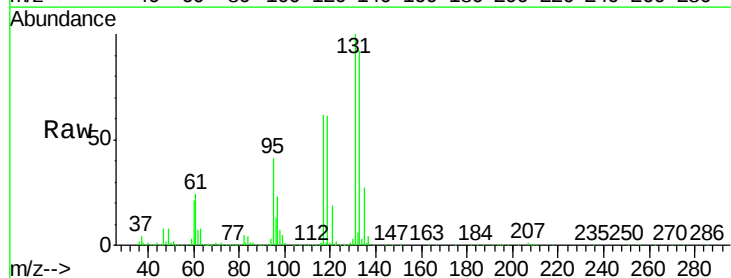
Tgt Ion:131 Resp: 121461

Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

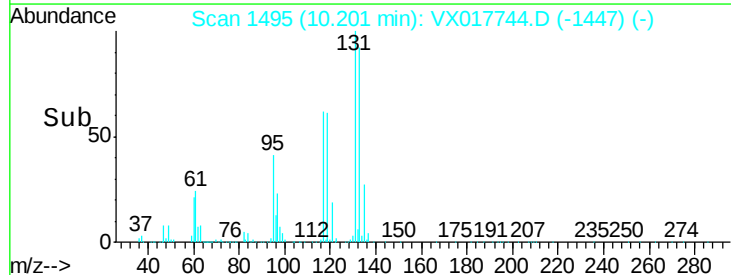
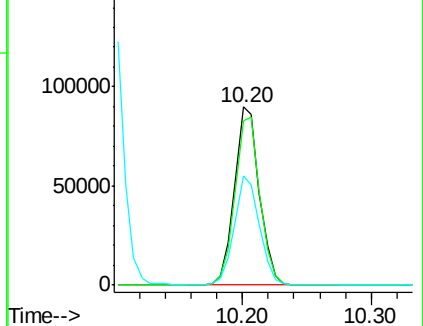
119 61.5 31.1 93.3

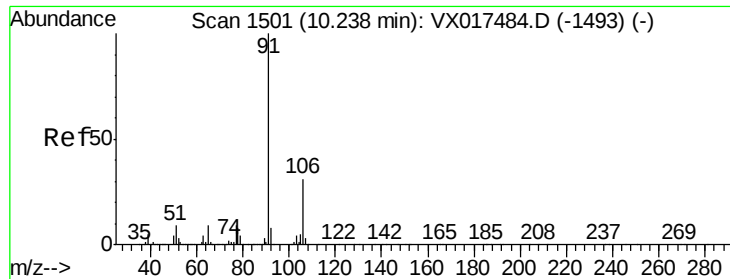


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





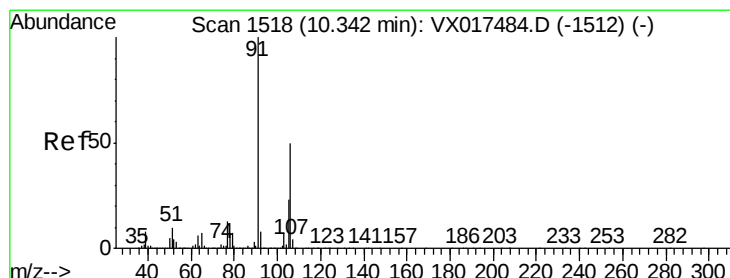
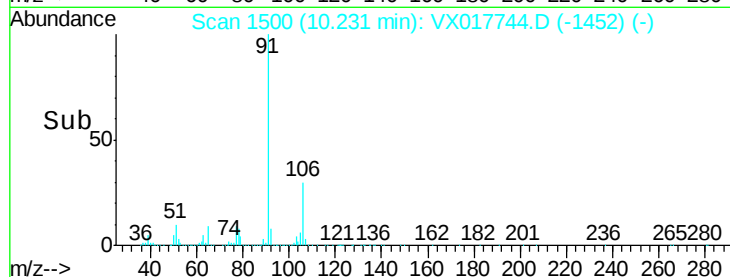
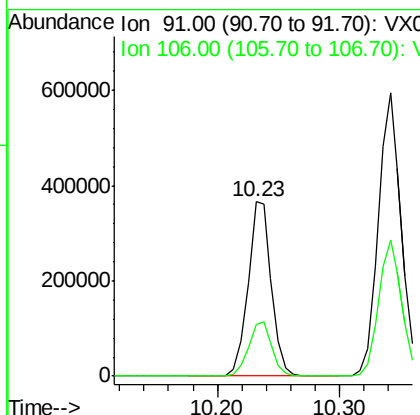
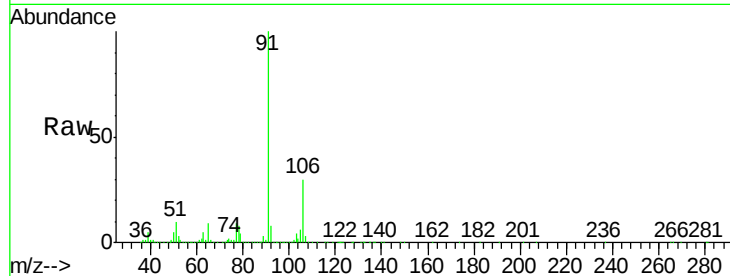
#67
Ethyl Benzene
Concen: 18.242 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion: 91 Resp: 483776
Ion Ratio Lower Upper
91 100
106 29.8 25.8 38.6

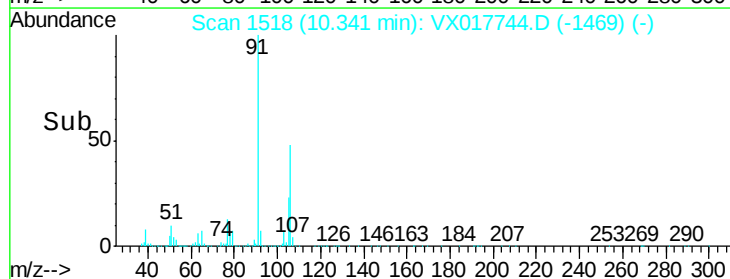
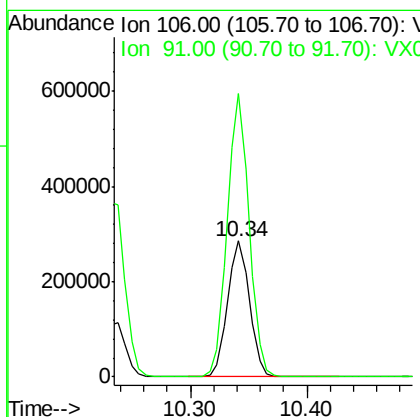
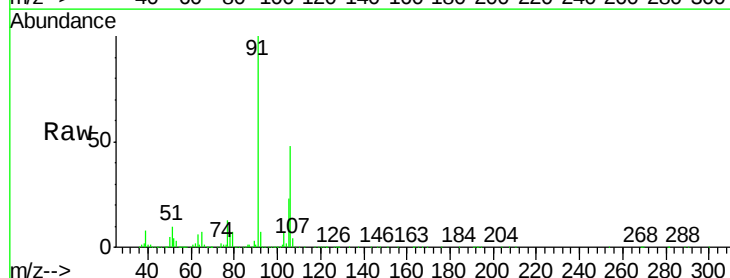
Manual Integrations
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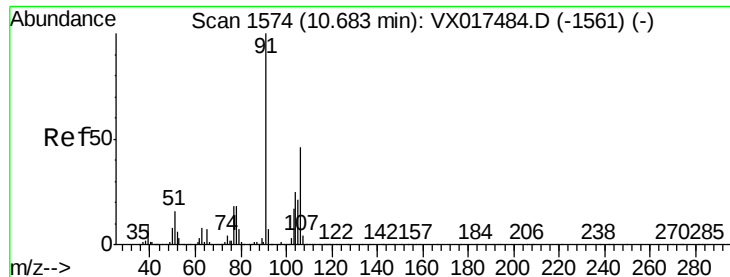
MMDadoda
8/4/2020 9:51:14 AM



#68
m/p-Xylenes
Concen: 36.579 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion: 106 Resp: 375810
Ion Ratio Lower Upper
106 100
91 205.3 160.9 241.3





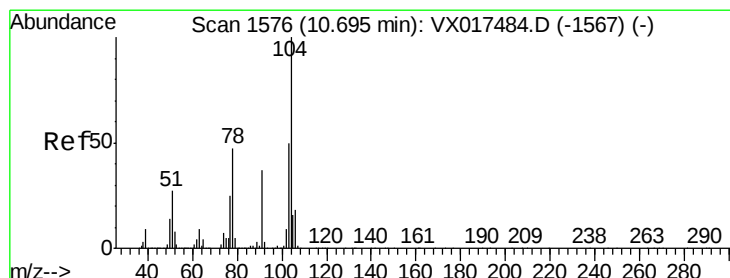
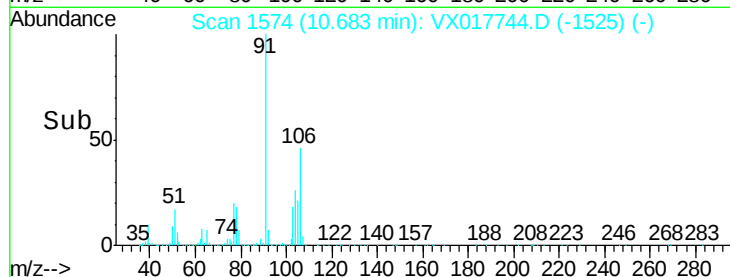
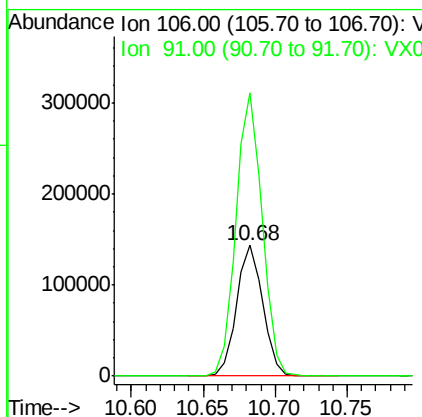
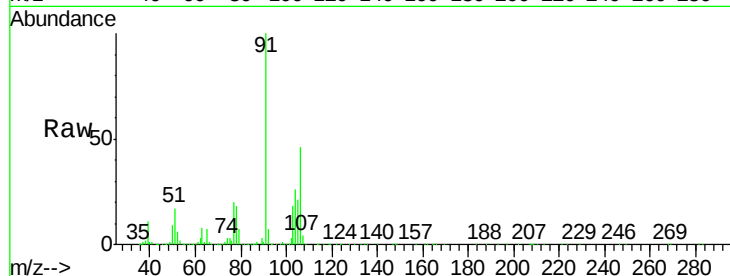
#69
o-Xylene
Concen: 18.447 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	182278		
91	217.1	108.2	324.6	

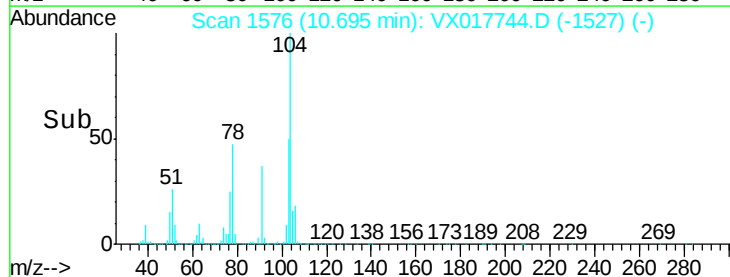
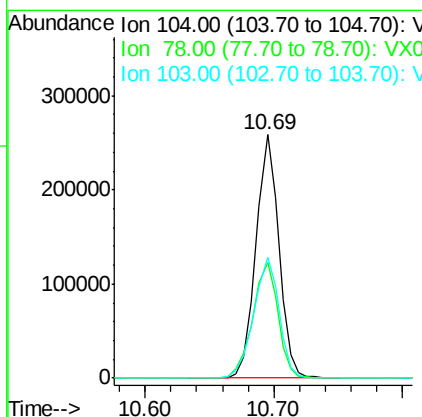
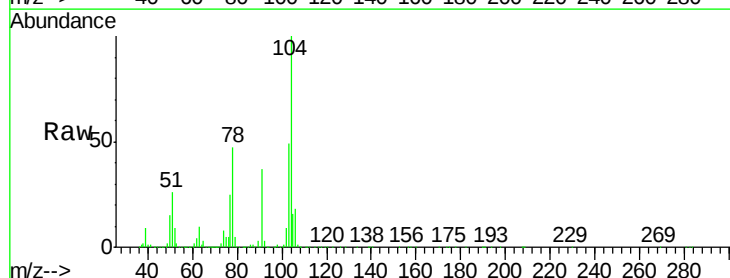
Manual Integrations
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8/4/2020 9:51:14 AM



#70
Styrene
Concen: 18.760 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	315382		
78	52.6	42.5	63.7	
103	54.9	44.3	66.5	





#71

Bromoform

Concen: 19.703 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

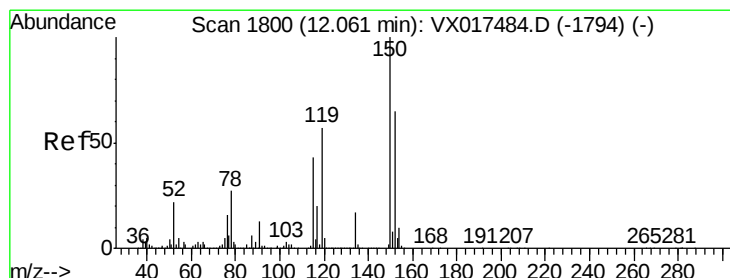
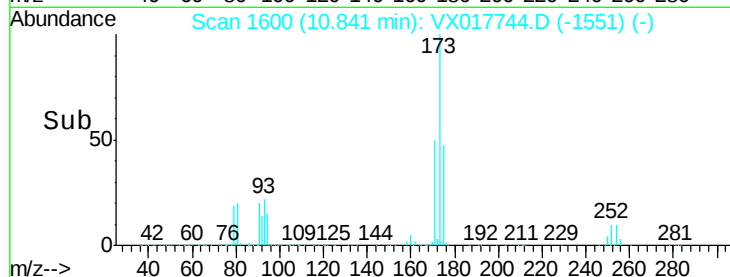
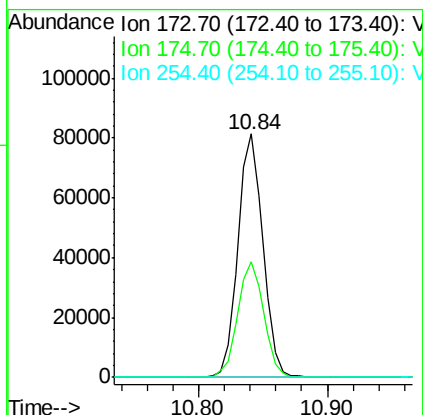
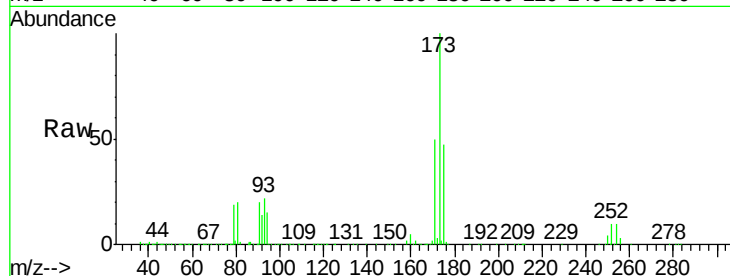
ClientSampleId :

VX0803WBSD01

Tot Ion:	173	Resp:	109455
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.8	71.5
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

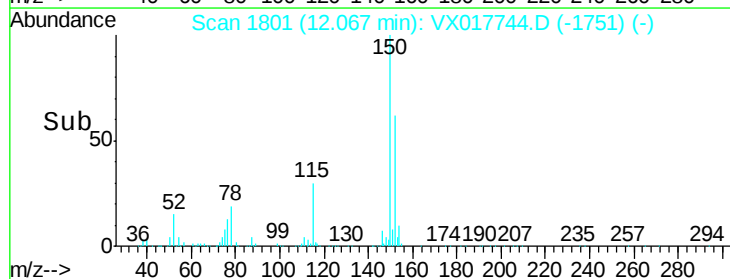
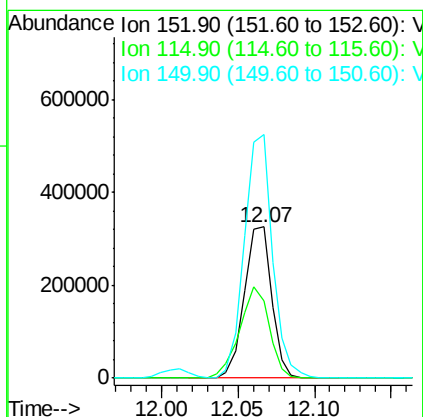
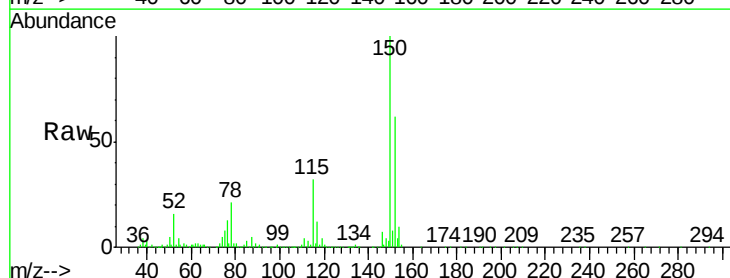
RT: 12.07 min Scan# 1801

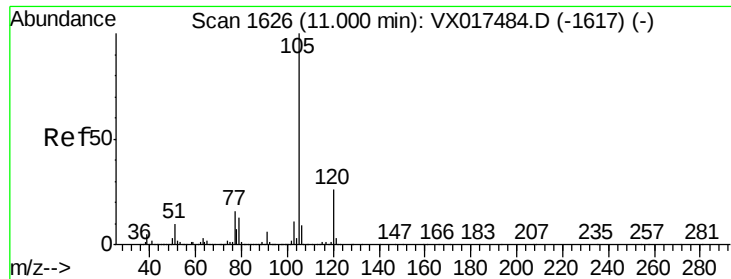
Delta R.T. 0.01 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	152	Resp:	405094
Ion Ratio	Lower	Upper	
152	100		
115	65.7	65.5	196.6
150	165.5	0.0	412.6





#73

Isopropylbenzene

Concen: 18.308 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion:105 Resp: 508788

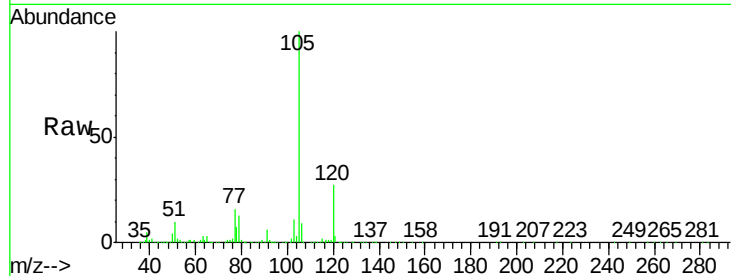
Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8

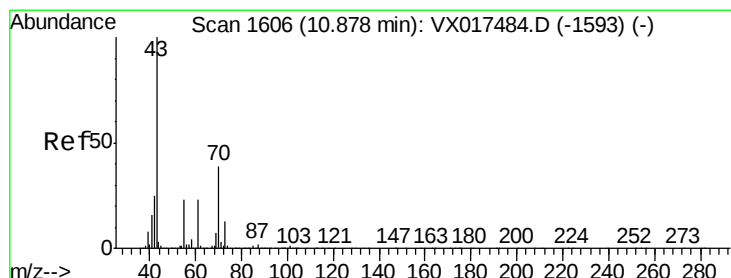
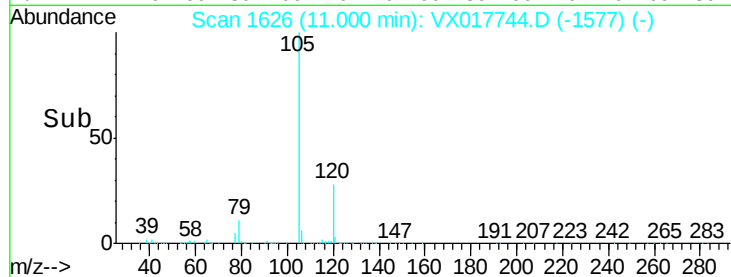
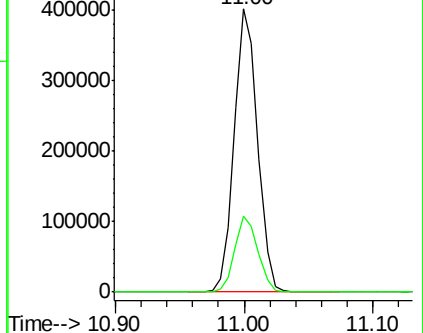
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.189 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion: 43 Resp: 224586

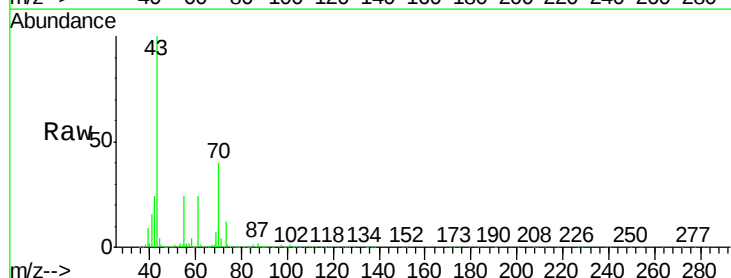
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 24.5 18.4 27.6

61 23.4 18.6 28.0

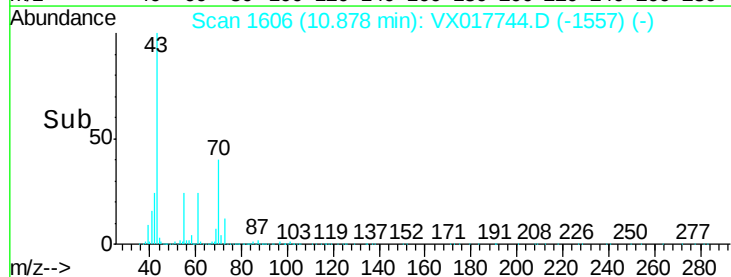
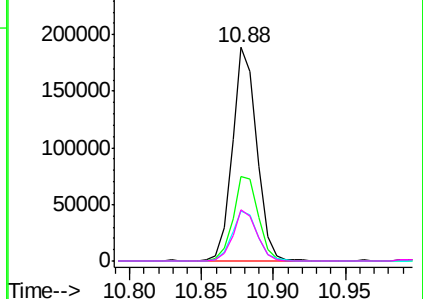


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.006 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

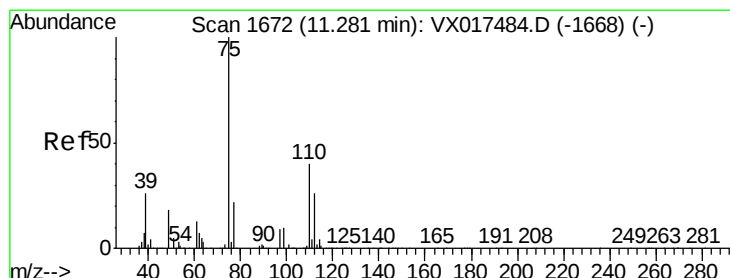
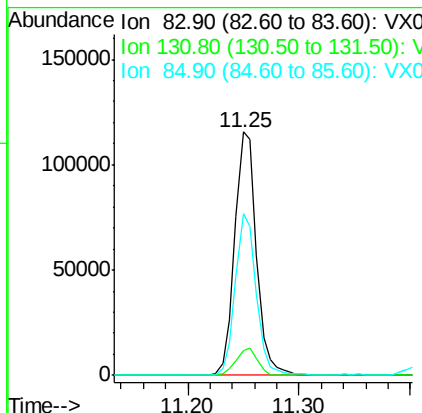
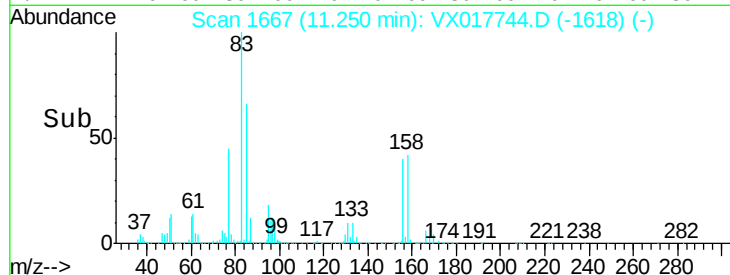
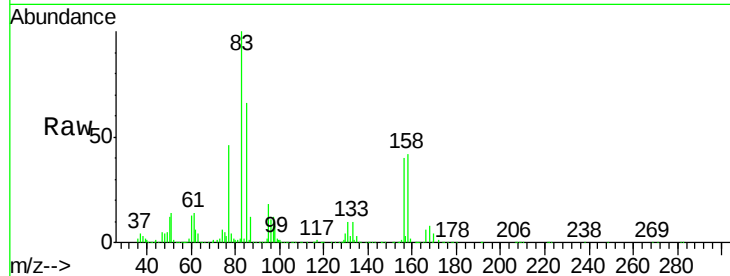
ClientSampleId :

VX0803WBSD01

Tot Ion:	83	Resp:	156188
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.5
85	64.5	32.1	96.3

Manual Integrations
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8/4/2020 9:51:14 AM



#76

1,2,3-Trichloropropane

Concen: 18.225 ug/l m

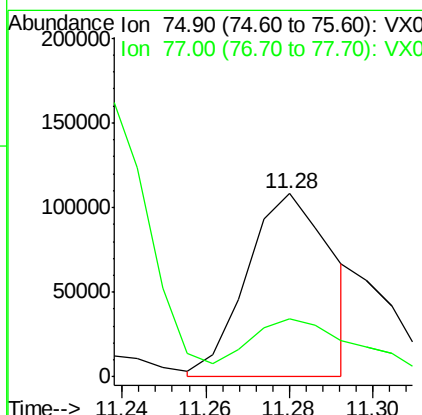
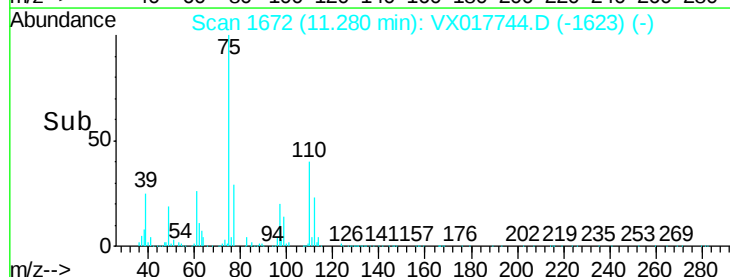
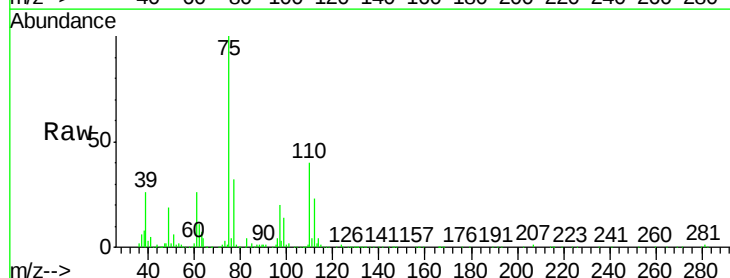
RT: 11.28 min Scan# 1672

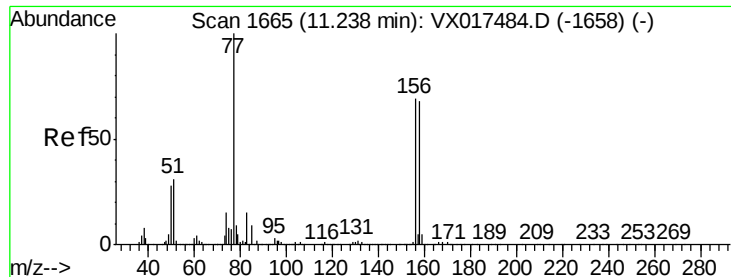
Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	75	Resp:	151865
Ion Ratio	Lower	Upper	
75	100		
77	41.0	21.8	65.3





#77

Bromobenzene

Concen: 18.008 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

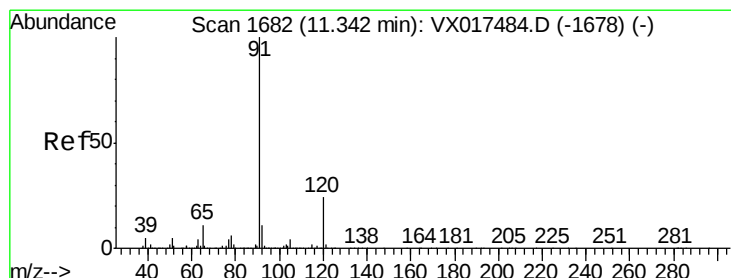
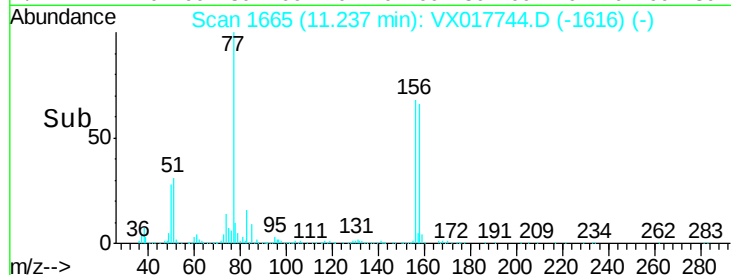
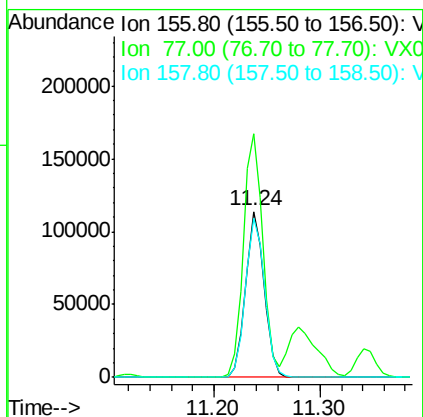
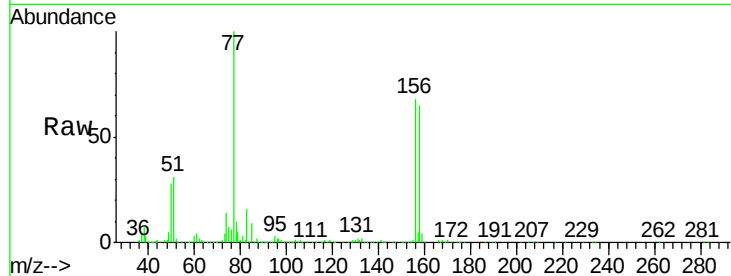
ClientSampleId :

VX0803WBSD01

Tot Ion:	156	Resp:	140104
Ion Ratio	Lower	Upper	
156	100		
77	152.9	75.0	225.0
158	99.7	49.1	147.3

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#78

n-propylbenzene

Concen: 18.074 ug/l

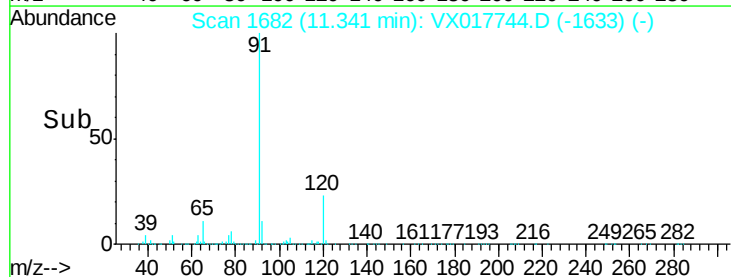
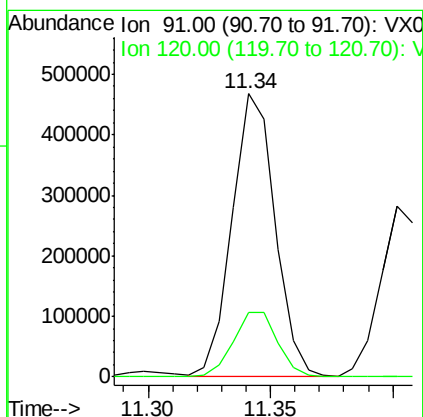
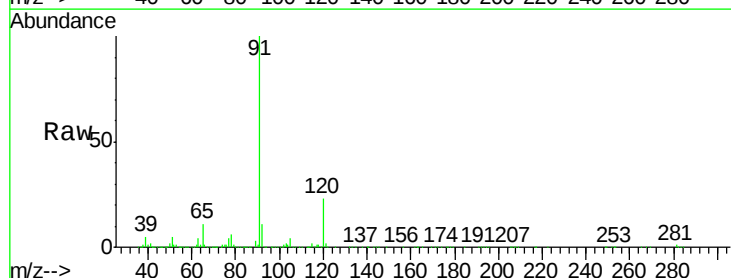
RT: 11.34 min Scan# 1682

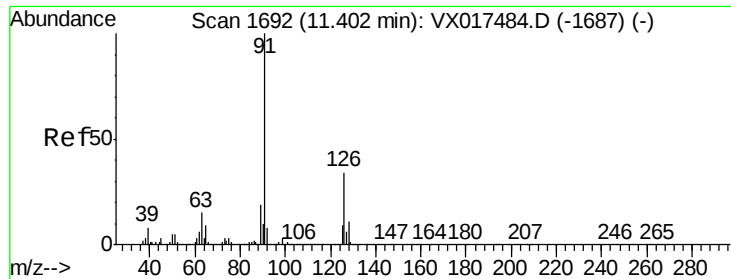
Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	91	Resp:	566501
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.2	36.4





#79

2-Chlorotoluene

Concen: 18.013 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion: 91 Resp: 349730

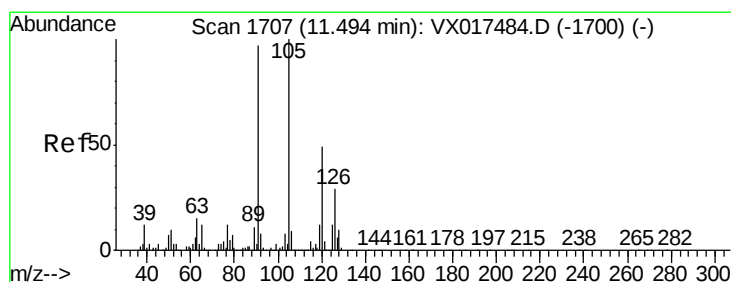
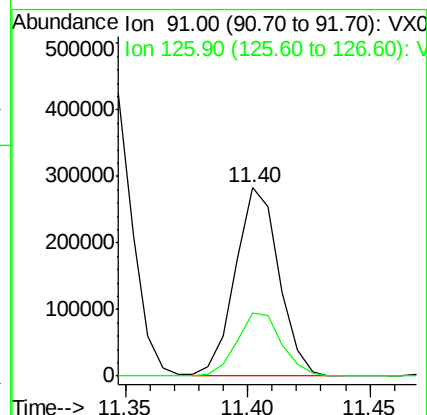
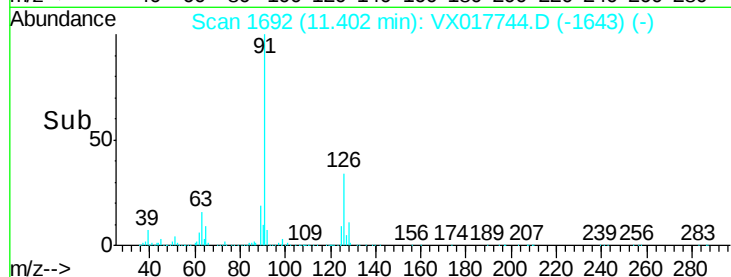
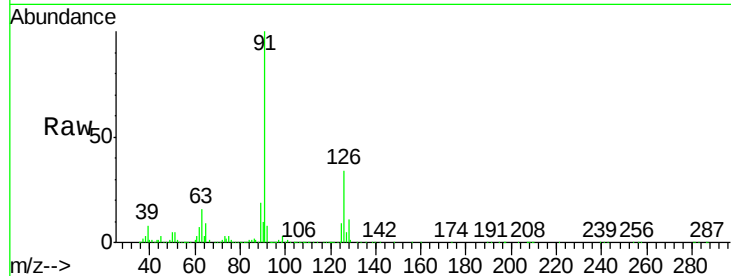
Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 18.167 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017744.D

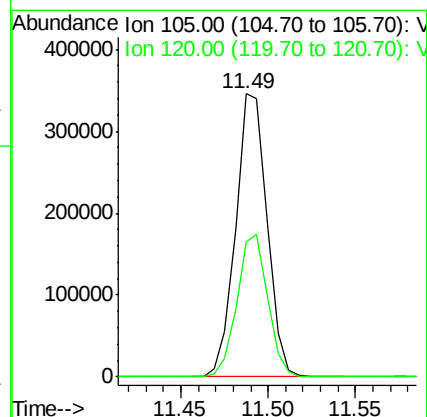
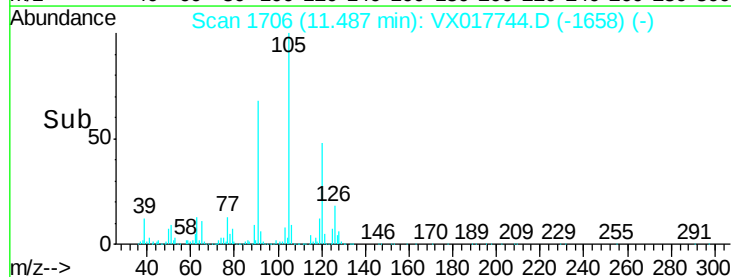
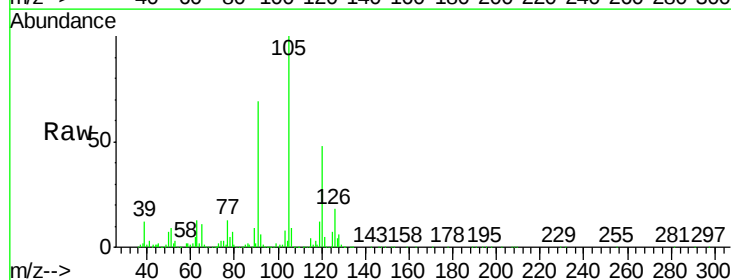
Acq: 03 Aug 2020 14:38

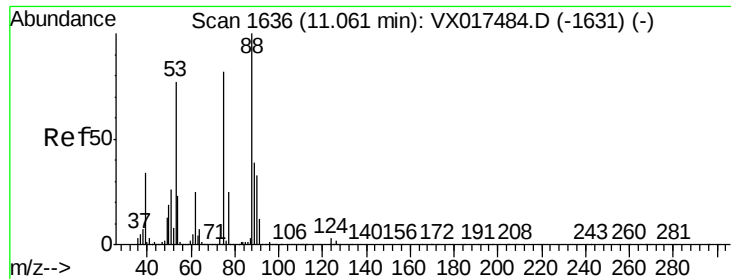
Tgt Ion: 105 Resp: 431056

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.3





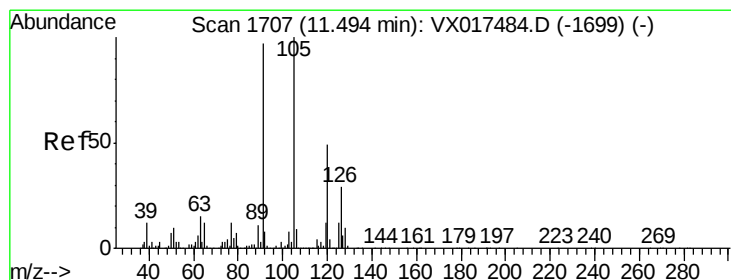
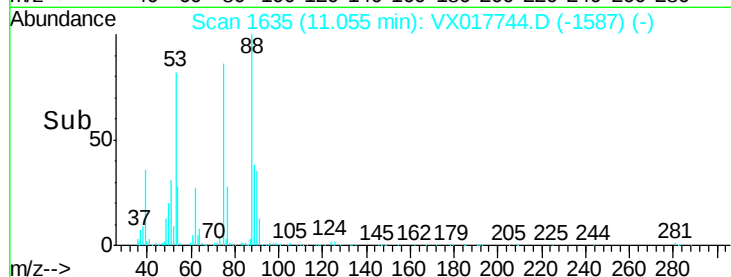
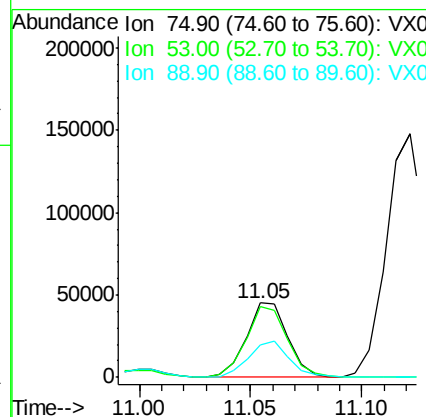
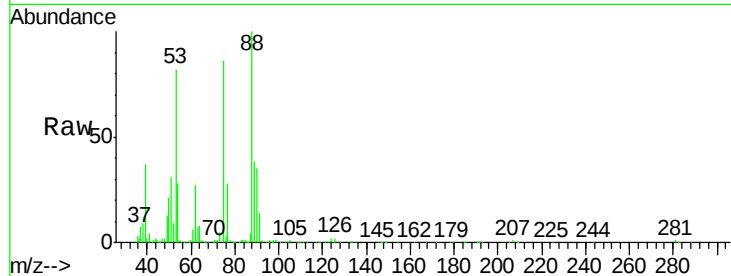
#81
trans-1,4-Dichloro-2-butene
Concen: 17.629 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.9	75.9	113.9
89	48.3	37.8	56.6

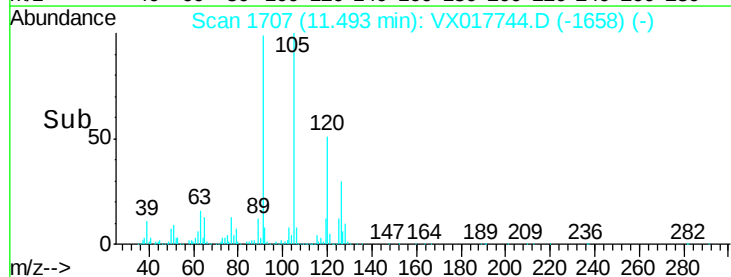
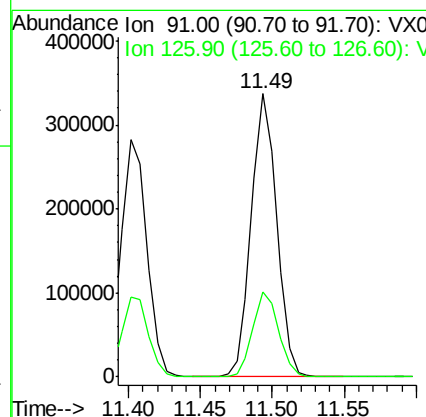
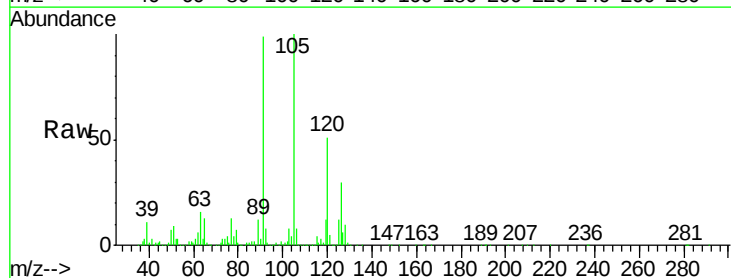
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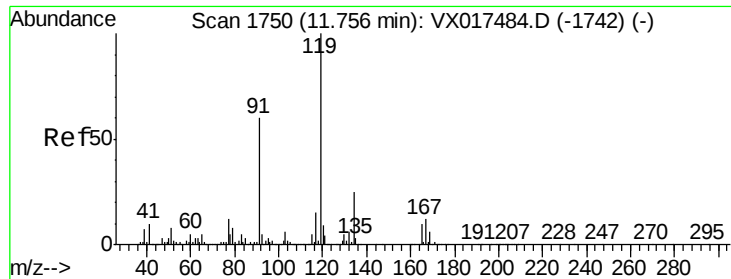
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#82
4-Chlorotoluene
Concen: 17.929 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.6





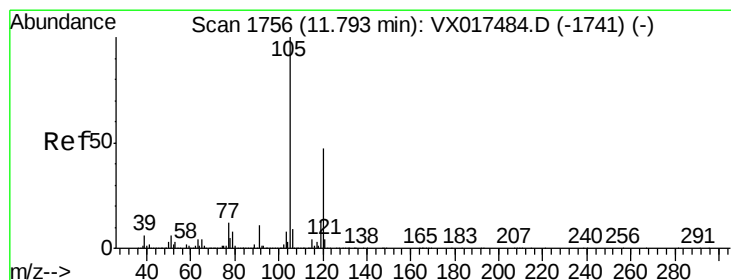
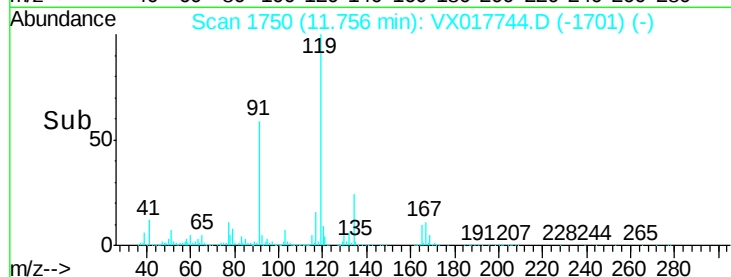
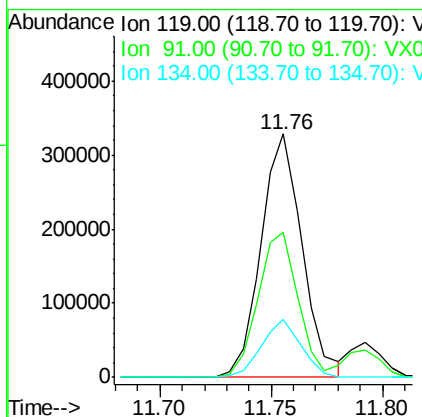
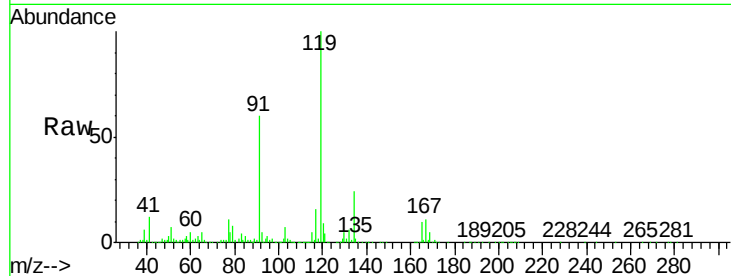
#83
 tert-Butylbenzene
 Concen: 18.564 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017744.D
 Acq: 03 Aug 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	421473		
91	58.1	29.3	88.0	
134	22.7	11.2	33.6	

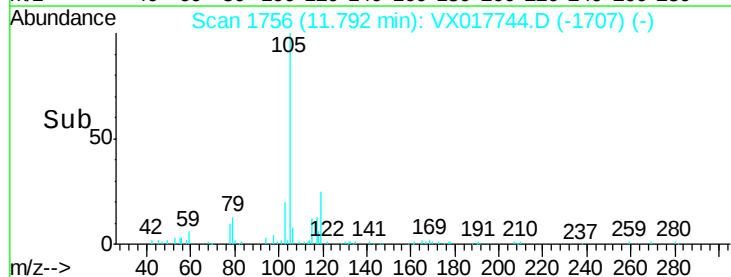
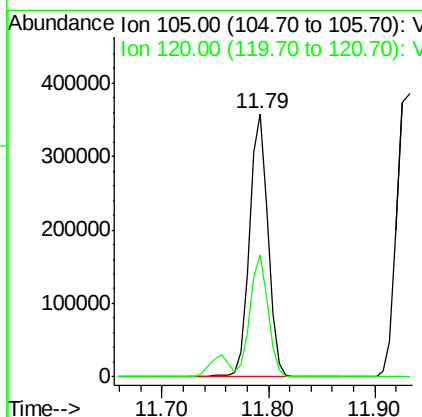
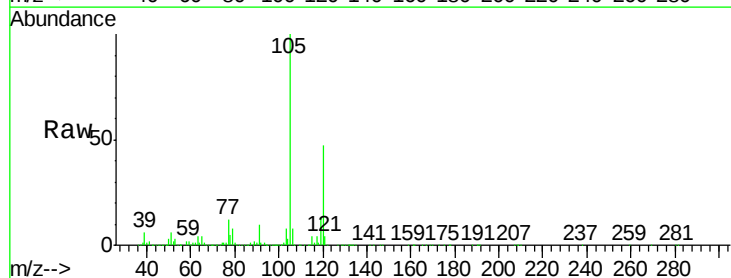
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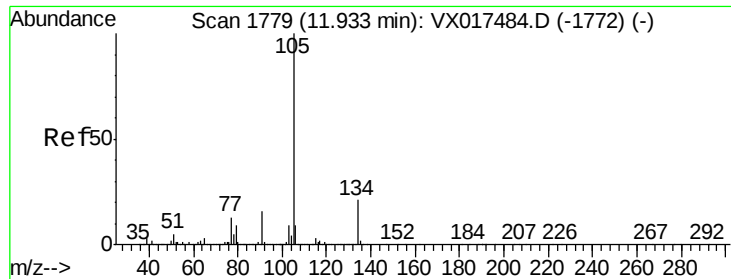
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.465 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017744.D
 Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	435782		
120	45.5	22.7	68.0	





#85

sec-Butylbenzene

Concen: 18.306 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

VX0803WBSD01

Tot Ion:105 Resp: 484172

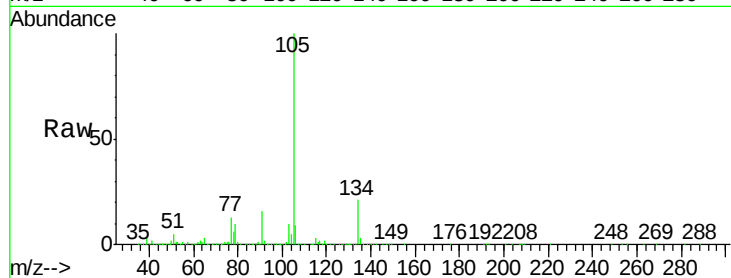
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2

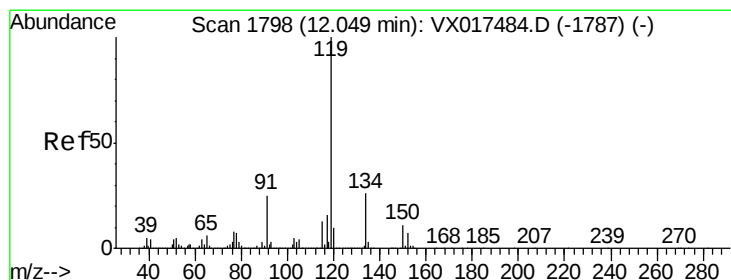
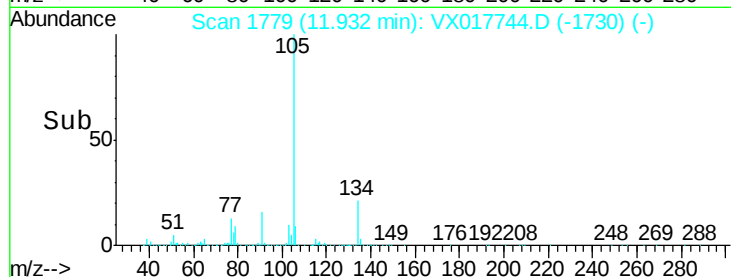
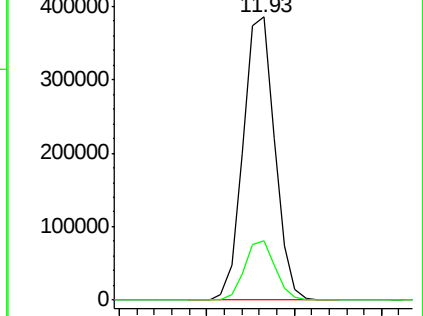
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.008 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

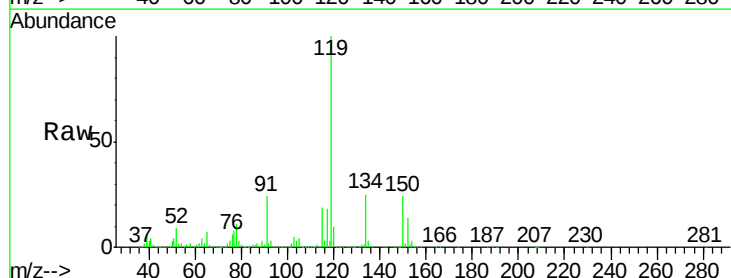
Tgt Ion:119 Resp: 453558

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

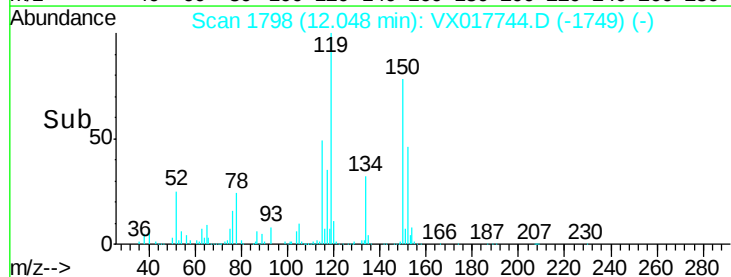
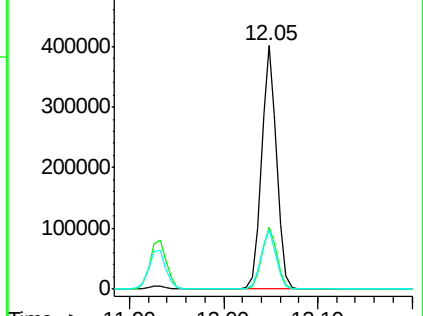
91 24.5 12.1 36.3

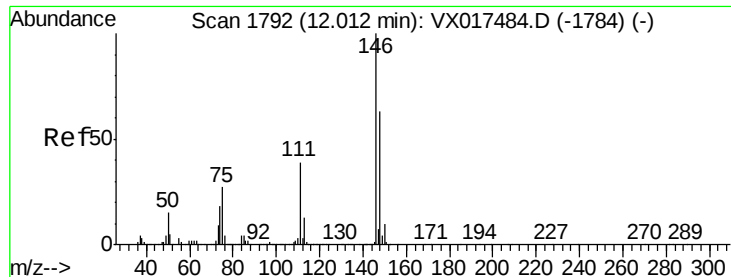


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.408 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

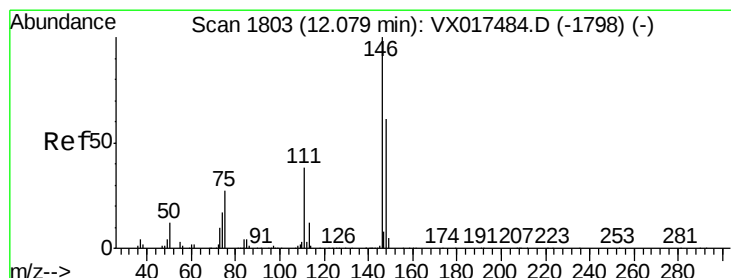
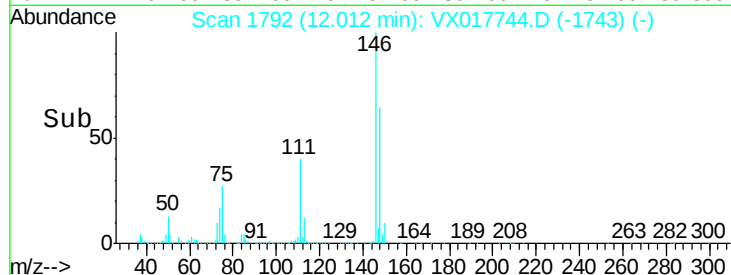
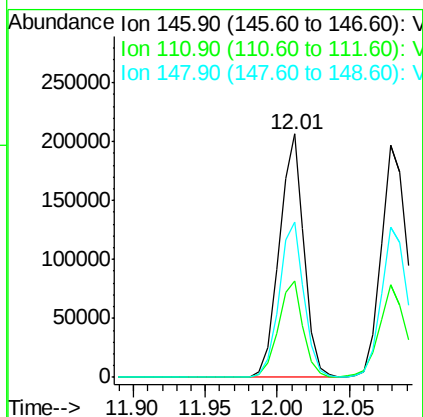
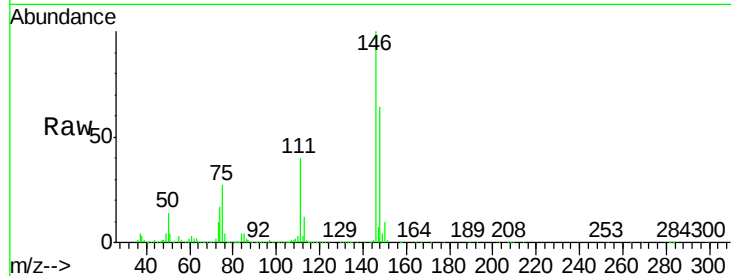
ClientSampleId :

VX0803WBSD01

Tot Ion:	146	Resp:	245926
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.9	59.7
148	64.7	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 17.406 ug/l

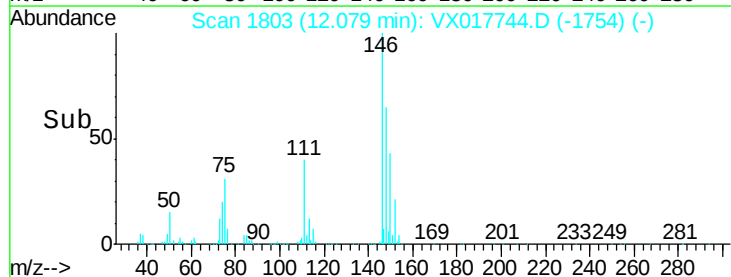
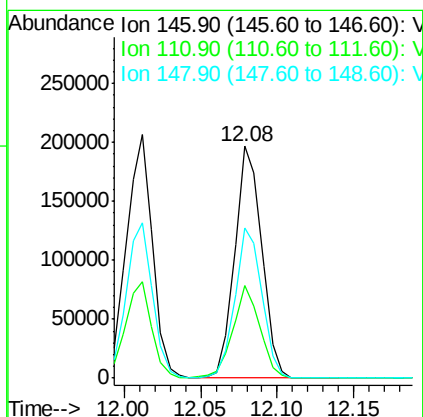
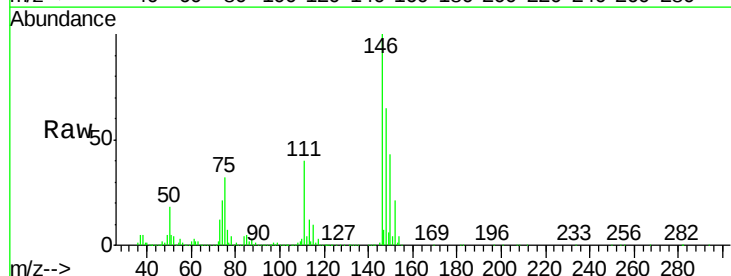
RT: 12.08 min Scan# 1803

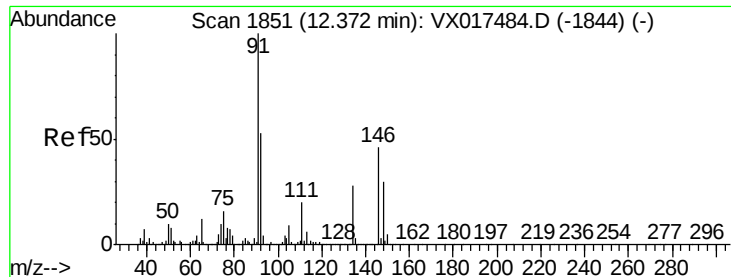
Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	146	Resp:	240879
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.3	57.8
148	65.0	32.2	96.6





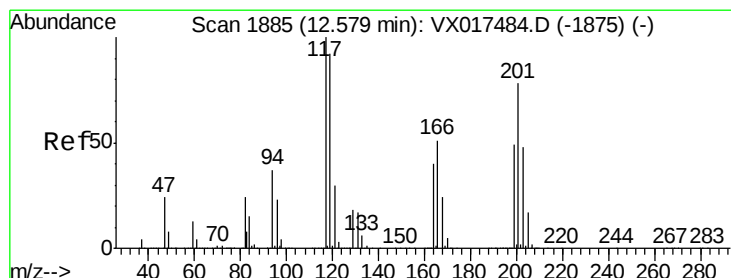
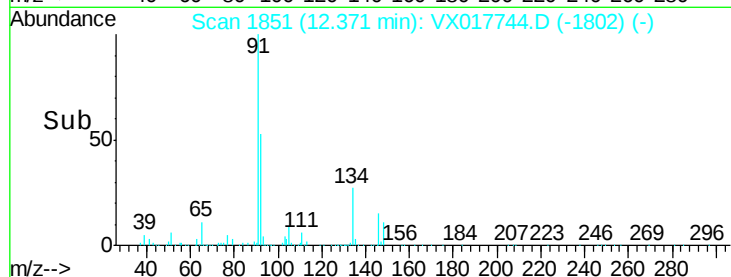
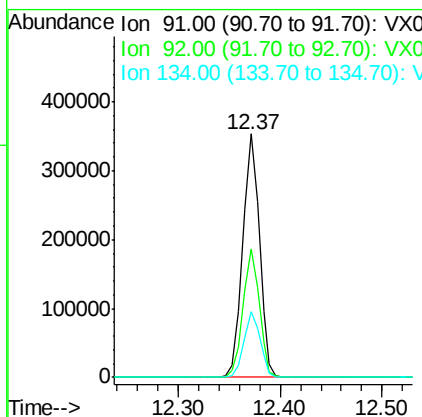
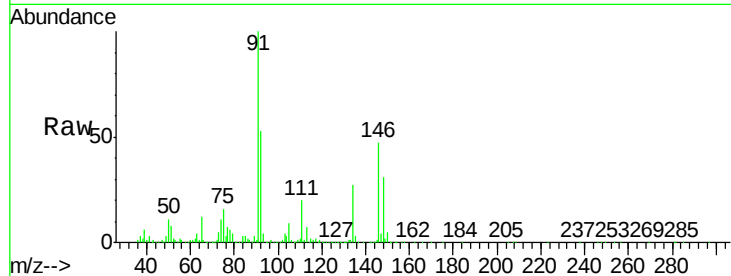
#89
n-Butylbenzene
Concen: 17.776 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.7	80.1
134	26.4	13.6	40.7

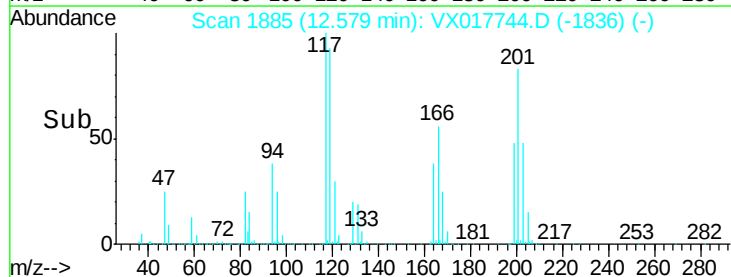
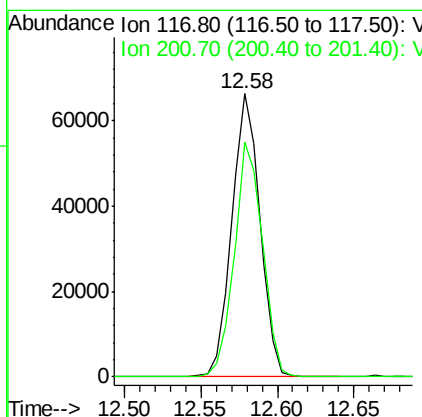
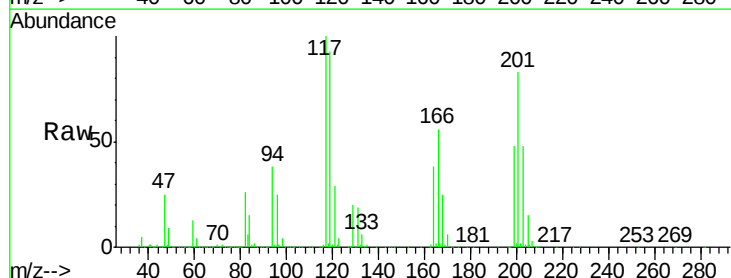
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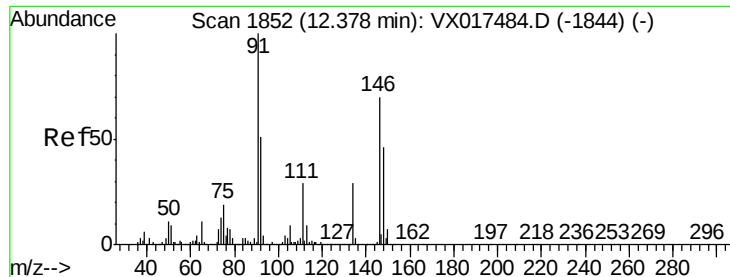
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#90
Hexachloroethane
Concen: 17.003 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 17.668 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Instrument :

MSVOA_X

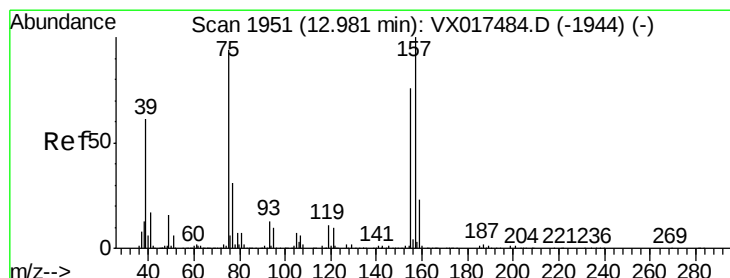
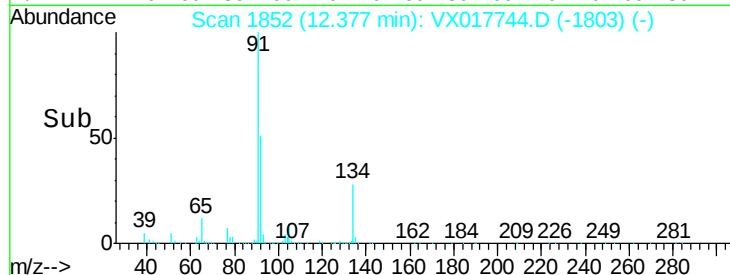
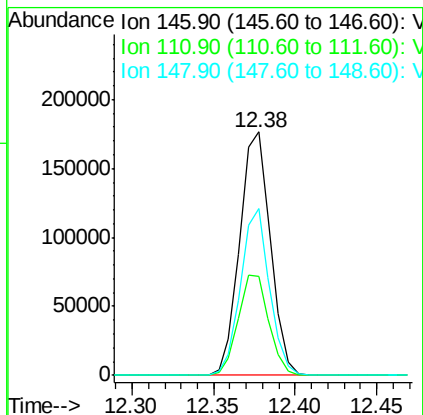
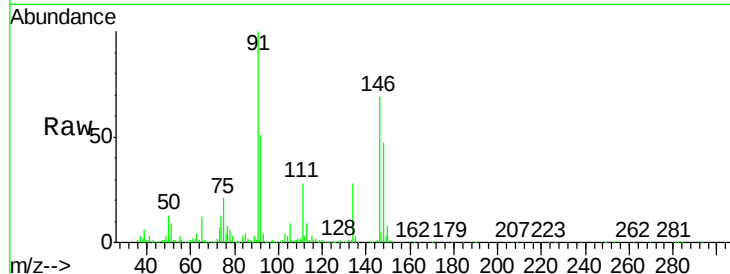
ClientSampleId :

VX0803WBSD01

Tot Ion:	146	Resp:	231993
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.9	62.8
148	64.6	32.8	98.4

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.230 ug/l

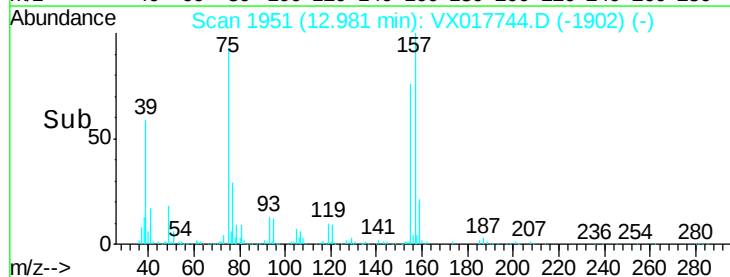
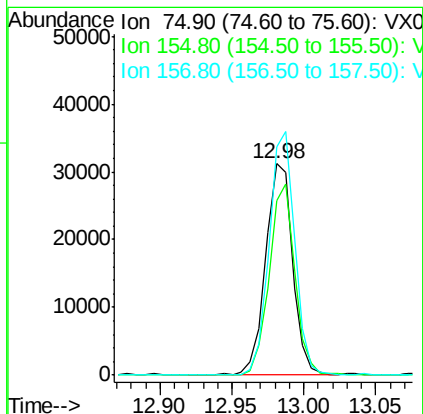
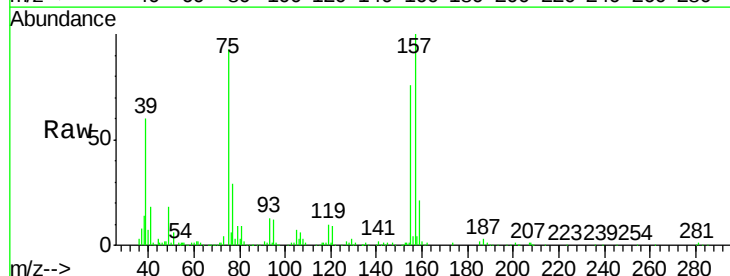
RT: 12.98 min Scan# 1951

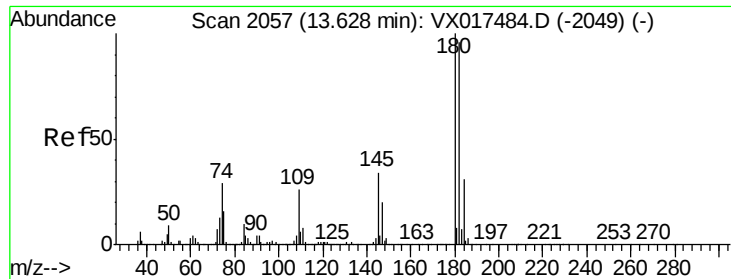
Delta R.T. -0.00 min

Lab File: VX017744.D

Acq: 03 Aug 2020 14:38

Tgt Ion:	75	Resp:	40485
Ion Ratio	Lower	Upper	
75	100		
155	86.0	42.3	126.8
157	109.4	54.3	162.9





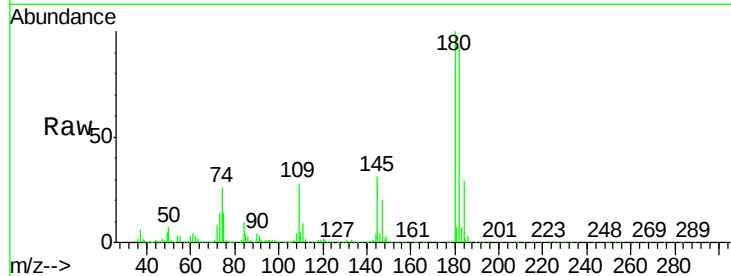
#93
 1,2,4-Trichlorobenzene
 Concen: 19.918 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017744.D
 Acq: 03 Aug 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBSD01

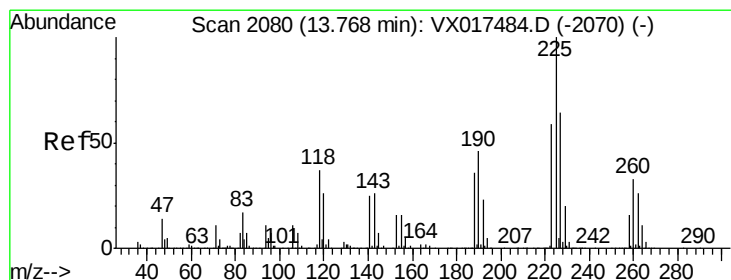
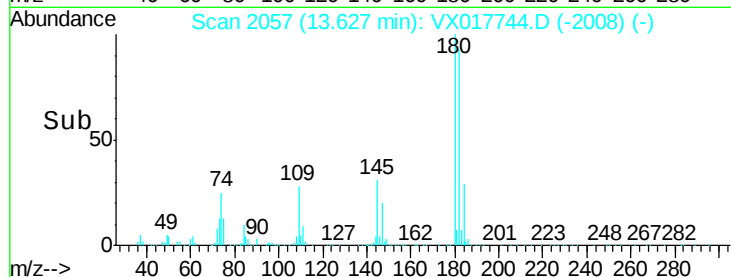
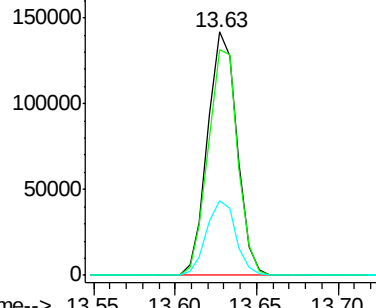
Tot Ion	Ratio	Resp	Lower	Upper
180	100	178494		
182	94.2	47.5	142.6	
145	30.5	15.4	46.4	

Manual Integrations
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 8/4/2020 9:51:14 AM

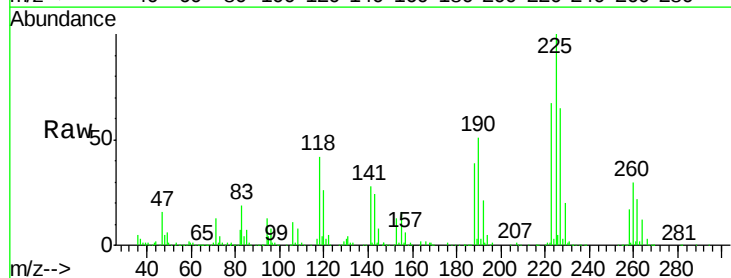


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

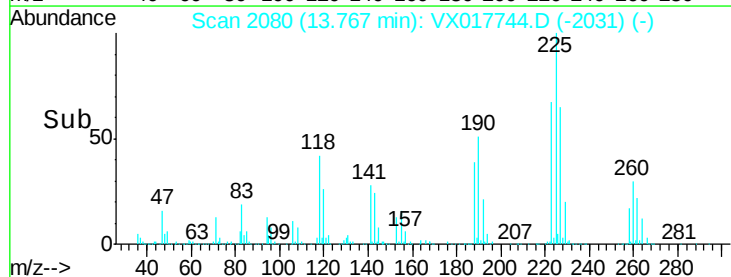
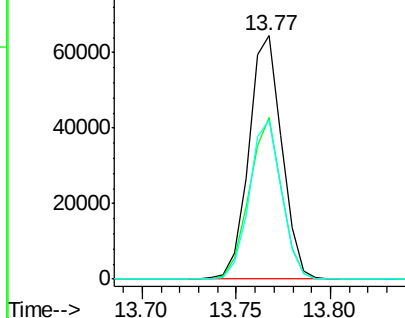


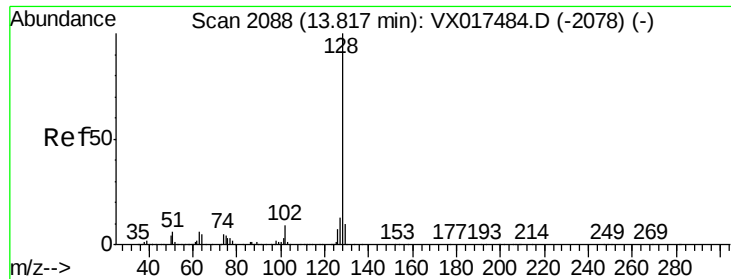
#94
 Hexachlorobutadiene
 Concen: 18.917 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017744.D
 Acq: 03 Aug 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78034		
223	65.3	30.3	90.9	
227	63.8	31.1	93.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





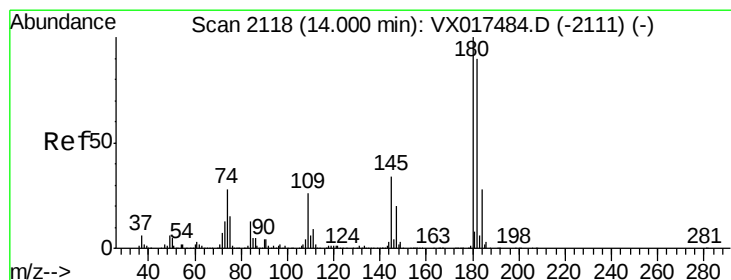
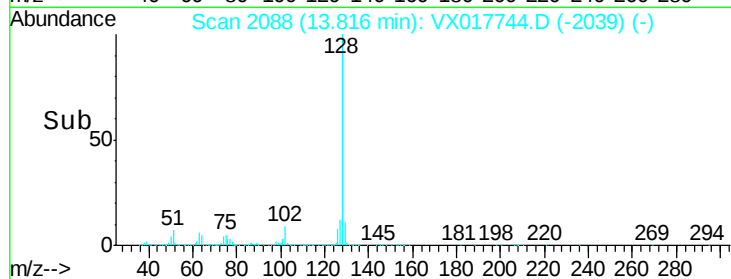
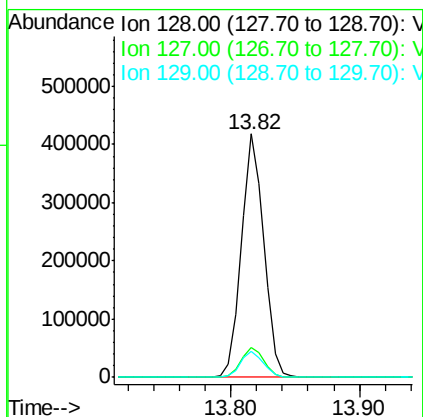
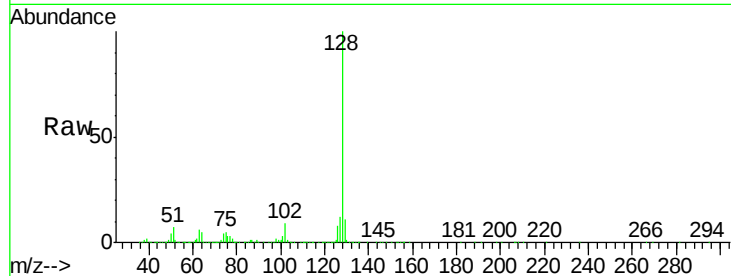
#95
Naphthalene
Concen: 18.774 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
VX0803WBSD01

Tot Ion:	128	Resp:	502227
Ion Ratio		Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.842 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017744.D
Acq: 03 Aug 2020 14:38

Tgt Ion:	180	Resp:	166720
Ion Ratio		Lower	Upper
180	100		
182	93.1	47.4	142.3
145	31.4	16.3	48.9

