

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017690.D
 Acq On : 31 Jul 2020 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:23 PM

Quant Time: Aug 01 03:14:35 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	540271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	798663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	730906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	401785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	349473	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.46	113	277674	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	8.70	98	924610	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.12	95	393226	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	235232	46.866	ug/l	99
3) Chloromethane	1.31	50	289610	43.415	ug/l	99
4) Vinyl Chloride	1.39	62	291438	42.867	ug/l	99
5) Bromomethane	1.62	94	171473	46.725	ug/l	100
6) Chloroethane	1.70	64	182076	48.545	ug/l	99
7) Trichlorofluoromethane	1.91	101	489544	45.780	ug/l	100
8) Diethyl Ether	2.17	74	165993	47.820	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	264608	45.091	ug/l	97
10) Methyl Iodide	2.49	142	324304	43.197	ug/l	97
11) Tert butyl alcohol	3.02	59	307551	210.267	ug/l	98
12) 1,1-Dichloroethene	2.35	96	250517	44.892	ug/l	99
13) Acrolein	2.27	56	316205	282.603	ug/l	99
14) Allyl chloride	2.70	41	462595	45.398	ug/l	99
15) Acrylonitrile	3.12	53	717902	227.242	ug/l	100
16) Acetone	2.42	43	618621	202.525	ug/l	94
17) Carbon Disulfide	2.55	76	685347	40.406	ug/l	100
18) Methyl Acetate	2.75	43	338275	47.023	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	876520	45.380	ug/l	100
20) Methylene Chloride	2.83	84	280696	48.761	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	271391	45.397	ug/l	99
22) Diisopropyl ether	3.82	45	888859	47.707	ug/l	95
23) Vinyl Acetate	3.78	43	3952544	237.929	ug/l	98
24) 1,1-Dichloroethane	3.67	63	501760	46.750	ug/l	100
25) 2-Butanone	4.63	43	987672	227.611	ug/l	99
26) 2,2-Dichloropropane	4.55	77	478733	49.830	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	305384	47.031	ug/l	100
28) Bromochloromethane	4.98	49	221003	45.440	ug/l	96
29) Tetrahydrofuran	5.09	42	628632	233.877	ug/l	100
30) Chloroform	5.17	83	519101	47.335	ug/l	96
31) Cyclohexane	5.54	56	408012	47.671	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	491951	47.572	ug/l	100
36) 1,1-Dichloropropene	5.77	75	383070	50.010	ug/l	100
37) Ethyl Acetate	4.79	43	396368	47.293	ug/l	99
38) Carbon Tetrachloride	5.75	117	460505	49.507	ug/l	97

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Quant Time: Aug 01 03:14:35 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)
39) Methylcyclohexane	7.44	83	427256	47.781	ug/l	96
40) Benzene	6.11	78	1068470	48.654	ug/l	99
41) Methacrylonitrile	5.00	41	219070	45.602	ug/l	99
42) 1,2-Dichloroethane	6.16	62	439613	48.932	ug/l	99
43) Isopropyl Acetate	6.41	43	654608	47.338	ug/l	99
44) Trichloroethene	7.19	130	325968	50.791	ug/l	93
45) 1,2-Dichloropropane	7.49	63	281051	46.166	ug/l	100
46) Dibromomethane	7.63	93	188180	43.739	ug/l	98
47) Bromodichloromethane	7.87	83	407280	47.047	ug/l	98
48) Methyl methacrylate	7.74	41	306639	44.735	ug/l	98
49) 1,4-Dioxane	7.71	88	115979	882.516	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1923303	233.104	ug/l	100
52) Toluene	8.76	92	656514	46.615	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	469535	48.452	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	474082	47.963	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	280720	47.848	ug/l	99
56) Ethyl methacrylate	9.16	69	412891	46.712	ug/l	99
57) 1,3-Dichloropropane	9.35	76	452432	46.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1030551	221.301	ug/l	98
59) 2-Hexanone	9.47	43	1443370	232.354	ug/l	99
60) Dibromochloromethane	9.57	129	348782	46.773	ug/l	98
61) 1,2-Dibromoethane	9.65	107	294011	47.070	ug/l	98
64) Tetrachloroethene	9.32	164	332269	50.650	ug/l	95
65) Chlorobenzene	10.12	112	744008	47.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	313341	49.074	ug/l	99
67) Ethyl Benzene	10.23	91	1318158	49.913	ug/l	96
68) m/p-Xylenes	10.34	106	1031228	100.797	ug/l	98
69) o-Xylene	10.68	106	510941	51.927	ug/l	99
70) Styrene	10.69	104	907393	54.201	ug/l	99
71) Bromoform	10.84	173	282957	51.151	ug/l #	98
73) Isopropylbenzene	11.00	105	1425699	51.725	ug/l	99
74) N-amyl acetate	10.88	43	593347	48.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	395299	45.947	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	391225m	47.336	ug/l	
77) Bromobenzene	11.24	156	379930	49.237	ug/l	97
78) n-propylbenzene	11.35	91	1581178	50.863	ug/l	98
79) 2-Chlorotoluene	11.40	91	955055	49.595	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1209695	51.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	157169	47.917	ug/l	95
82) 4-Chlorotoluene	11.49	91	1146224	50.459	ug/l	98
83) tert-Butylbenzene	11.76	119	1151350	51.129	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1213168	51.829	ug/l	99
85) sec-Butylbenzene	11.93	105	1363538	51.980	ug/l	99
86) p-Isopropyltoluene	12.05	119	1257062	50.321	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	664607	50.156	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	662024	48.233	ug/l	100
89) n-Butylbenzene	12.37	91	1127924	50.671	ug/l	99
90) Hexachloroethane	12.58	117	237102	48.142	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	624503	47.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108888	45.024	ug/l	99

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ClientSampleId :
VSTDCCC050

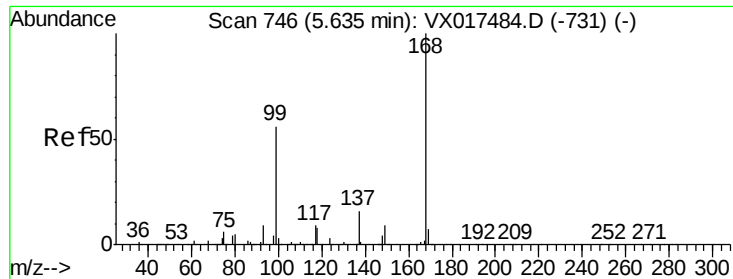
Manual Integrations
APPROVED

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8/3/2020 5:02:23 PM

Quant Time: Aug 01 03:14:35 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)
93) 1,2,4-Trichlorobenzene	13.63	180	465392	52.360	ug/l	99
94) Hexachlorobutadiene	13.77	225	212408	51.915	ug/l	99
95) Naphthalene	13.82	128	1360179	51.263	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	448303	51.082	ug/l	98

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



#1

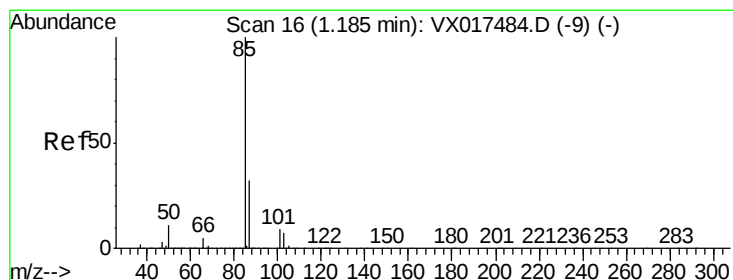
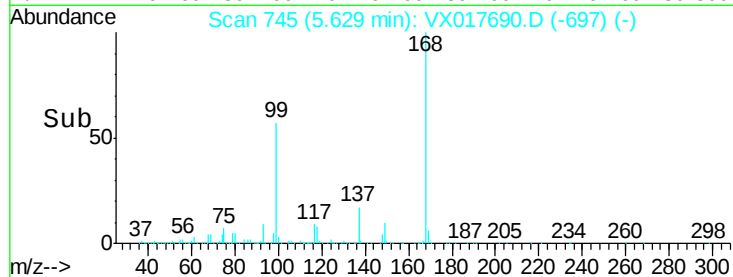
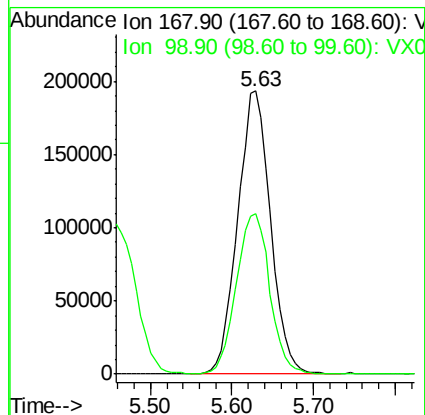
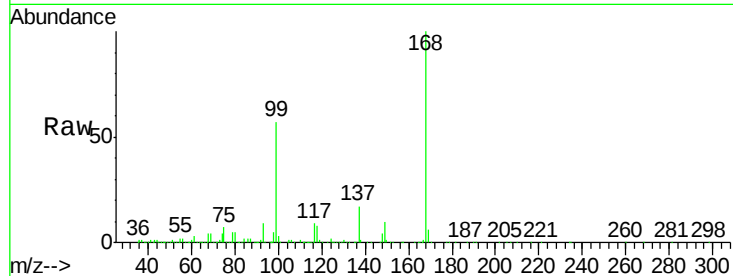
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.4	43.4	65.2

Manual Integrations
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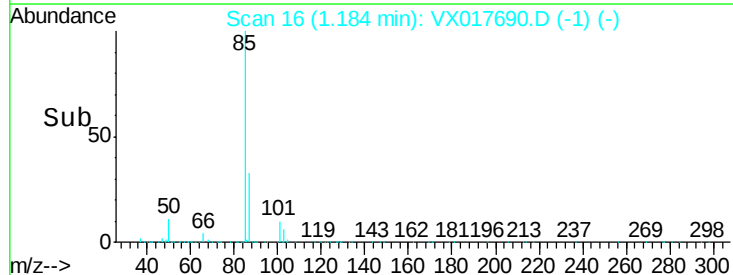
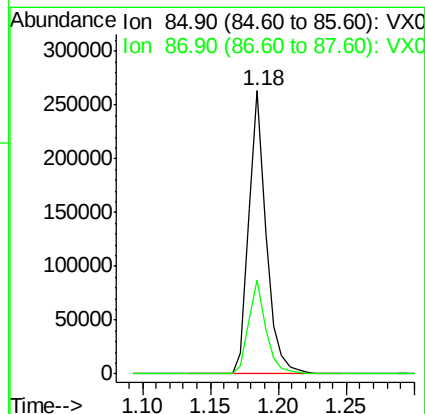
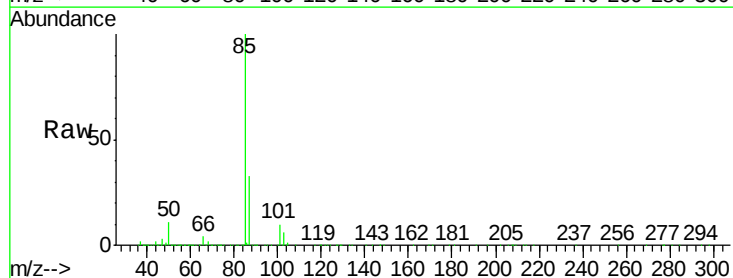
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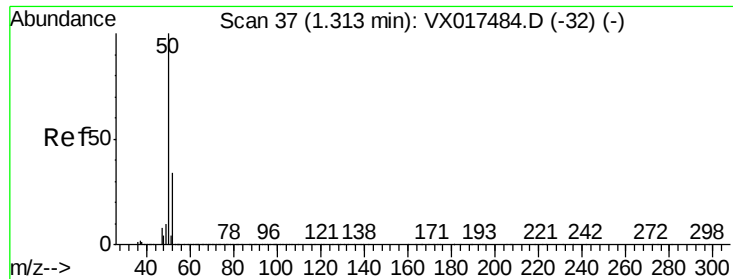


#2

Dichlorodifluoromethane
Concen: 46.866 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.1	48.3





#3

Chloromethane

Concen: 43.415 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 289610

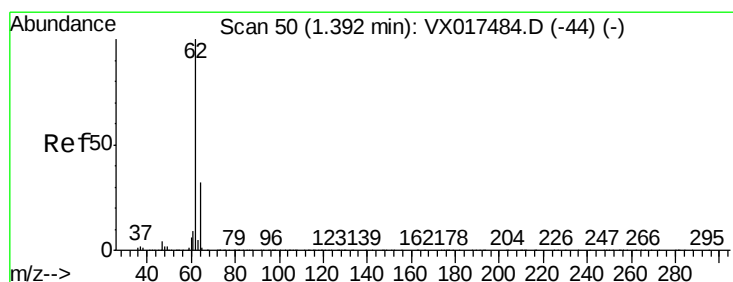
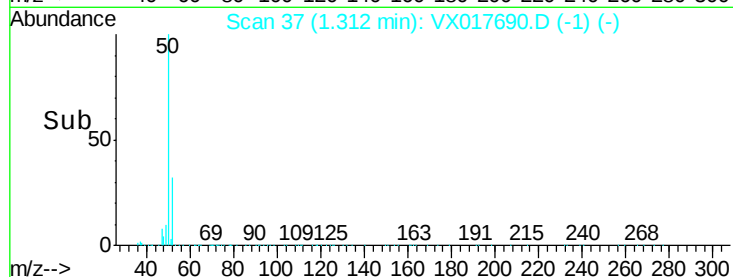
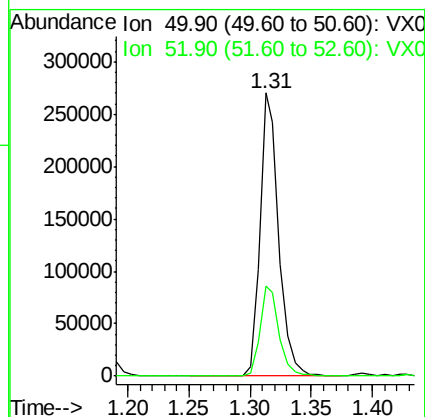
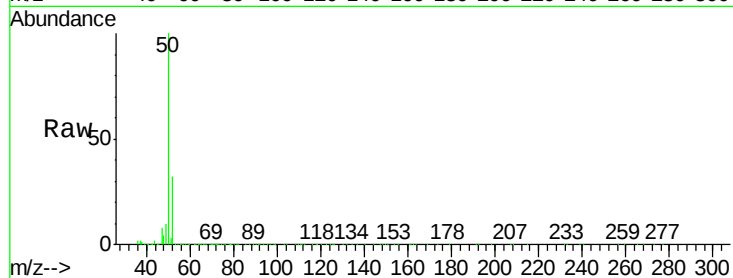
Ion Ratio Lower Upper

50 100

52 31.8 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 42.867 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017690.D

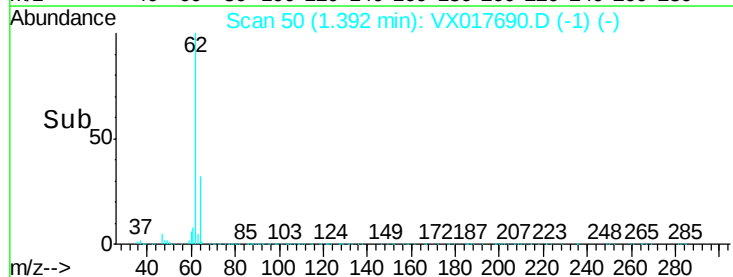
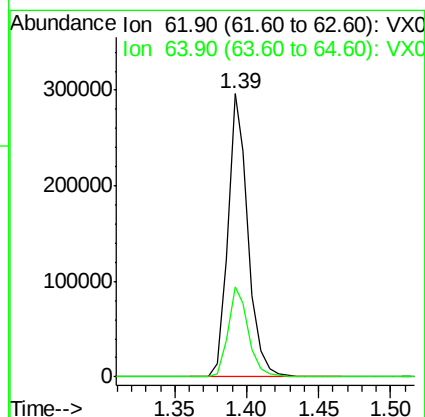
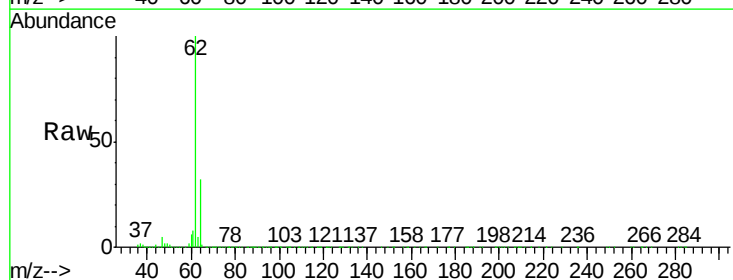
Acq: 31 Jul 2020 10:27

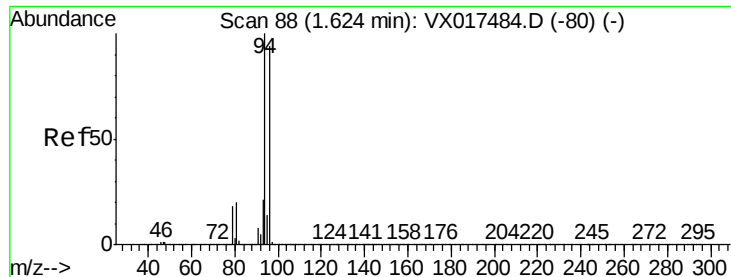
Tgt Ion: 62 Resp: 291438

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 46.725 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 171473

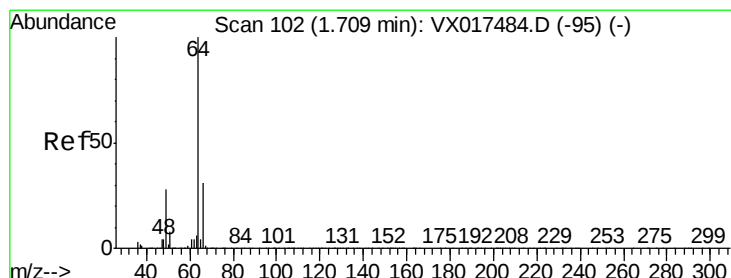
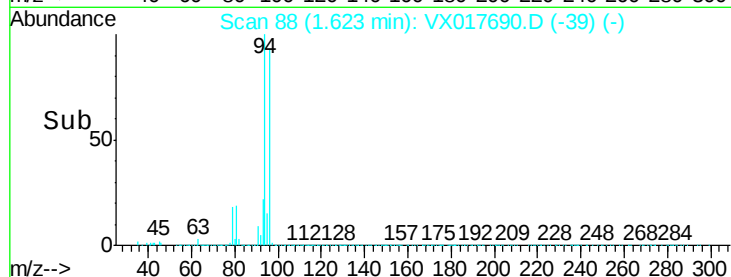
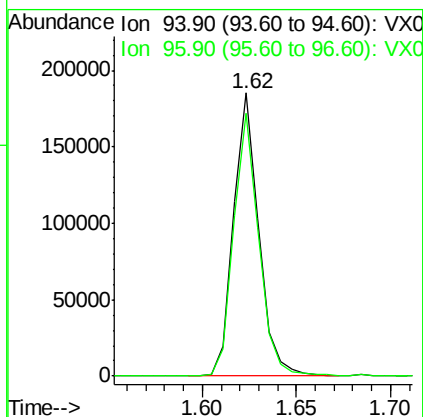
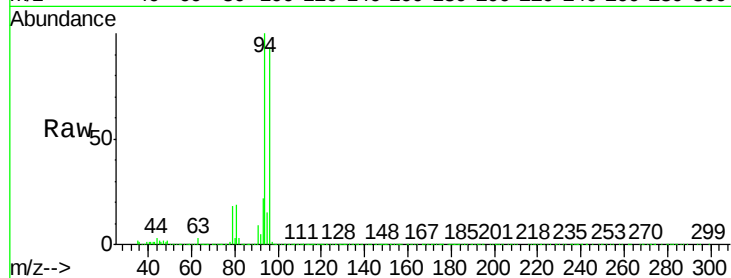
Ion Ratio Lower Upper

94 100

96 92.7 74.1 111.1

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#6

Chloroethane

Concen: 48.545 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017690.D

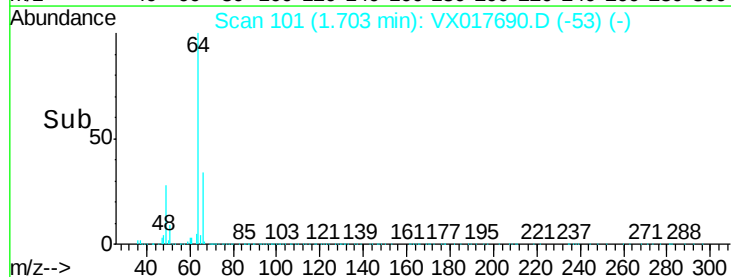
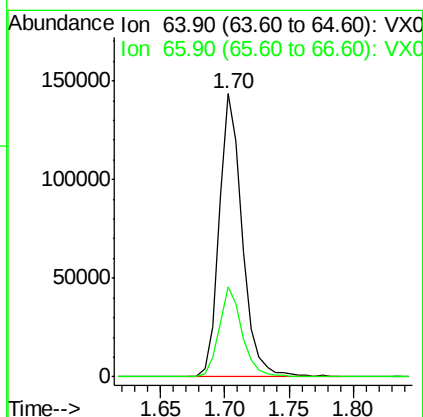
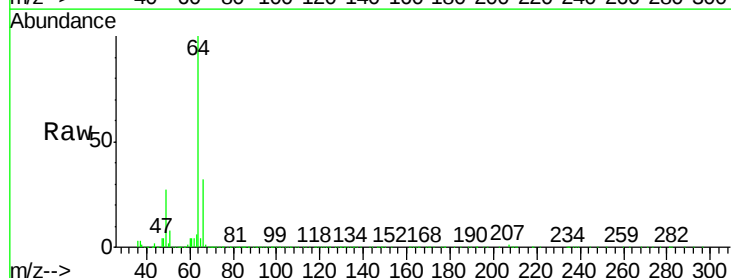
Acq: 31 Jul 2020 10:27

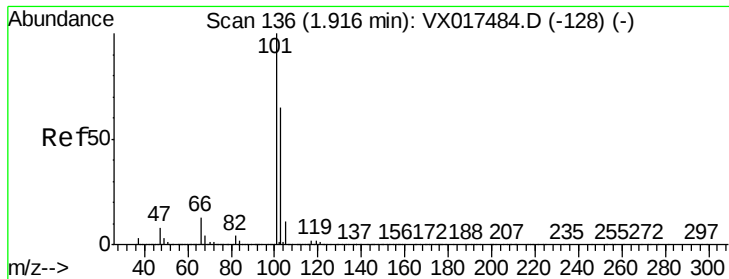
Tgt Ion: 64 Resp: 182076

Ion Ratio Lower Upper

64 100

66 31.7 24.9 37.3





#7

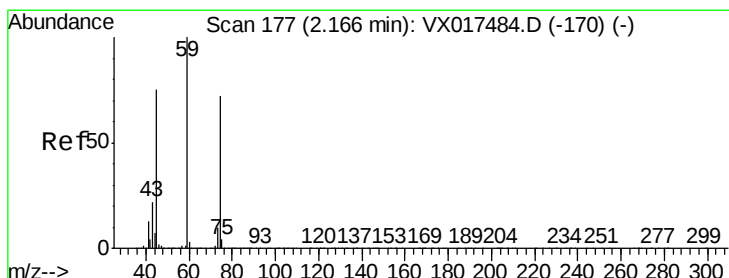
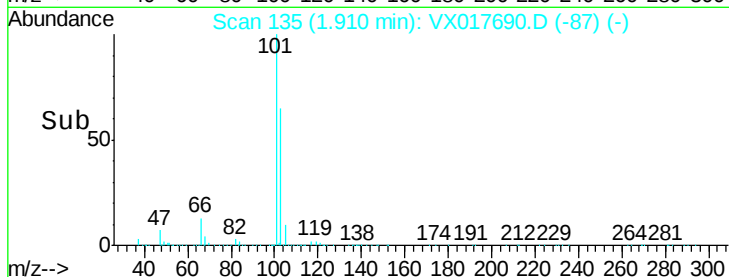
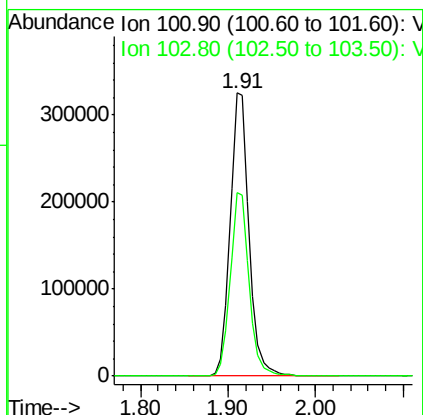
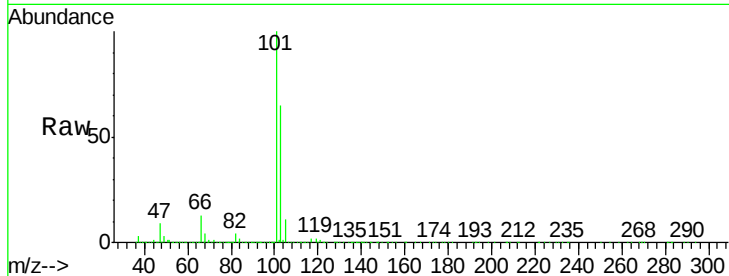
Trichlorofluoromethane
Concen: 45.780 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
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VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		489544		
103	65.0		51.8	77.8	

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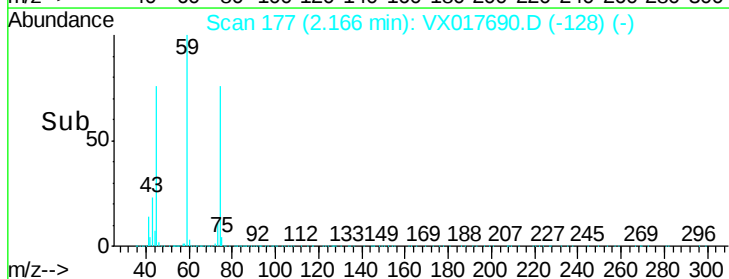
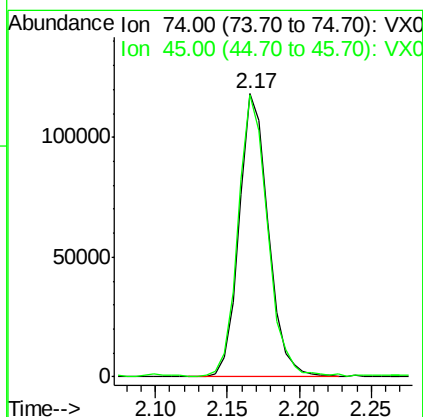
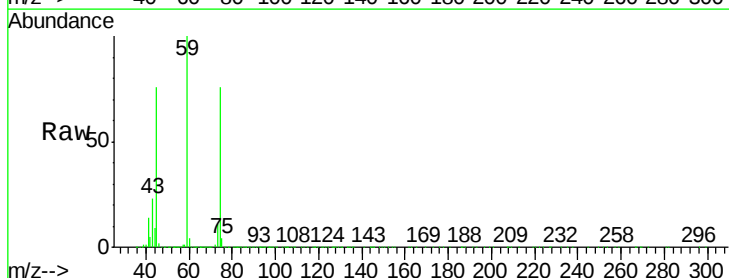
MMDadoda
8/3/2020 5:02:23 PM

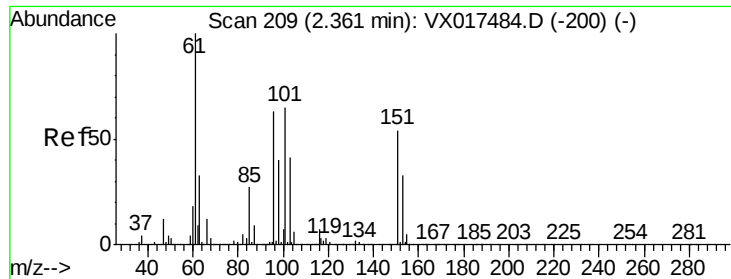


#8

Diethyl Ether
Concen: 47.820 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		165993		
45	99.8		50.8	152.5	





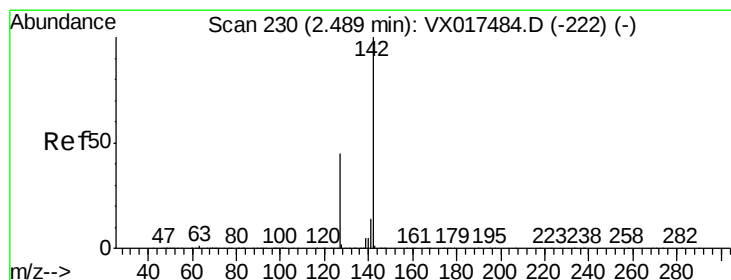
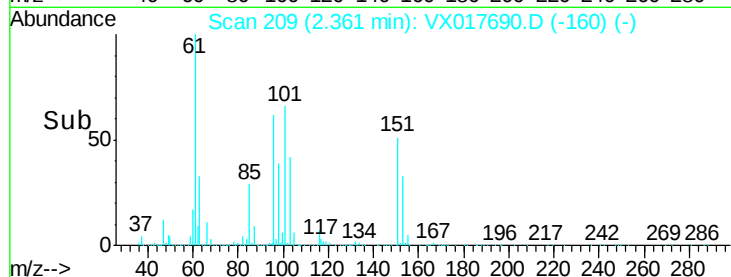
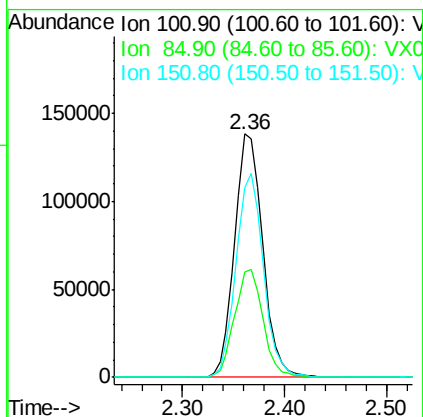
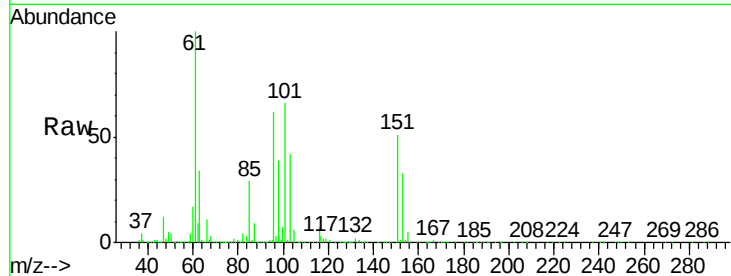
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.091 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	264608		
85	44.8	34.8	52.2	
151	81.8	68.0	102.0	

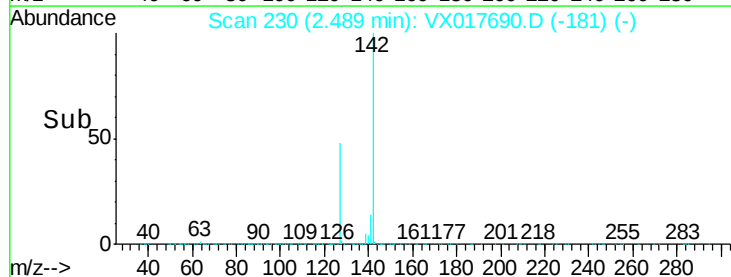
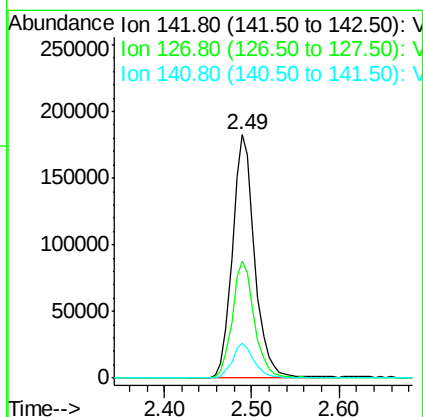
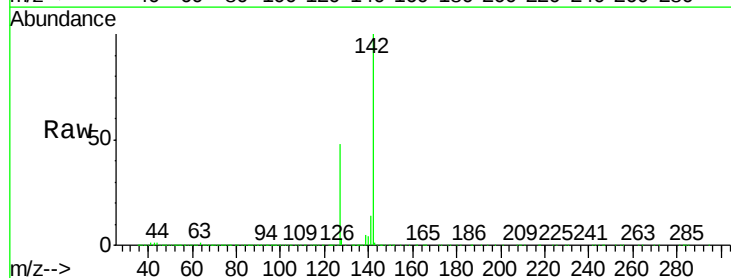
Manual Integrations
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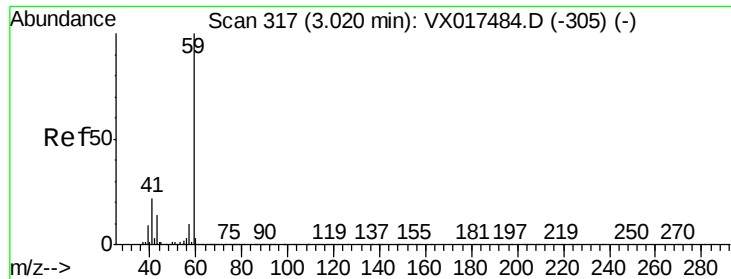
MMDadoda
8/3/2020 5:02:23 PM



#10
Methyl Iodide
Concen: 43.197 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	324304		
127	47.8	35.9	53.9	
141	14.3	11.4	17.0	





#11

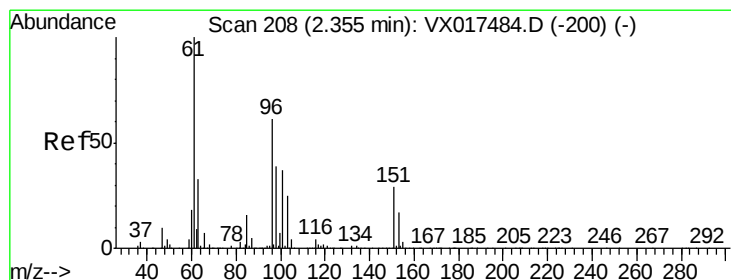
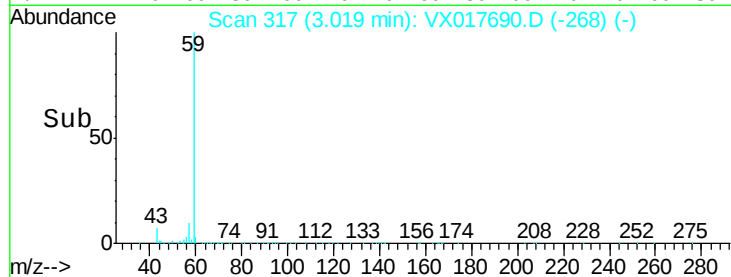
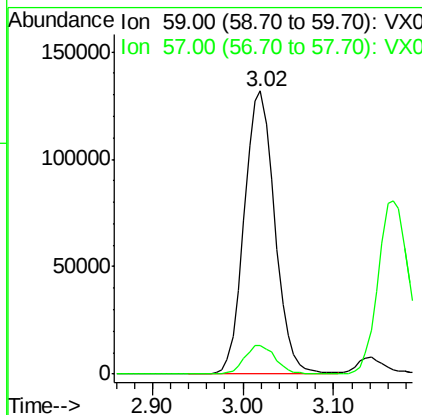
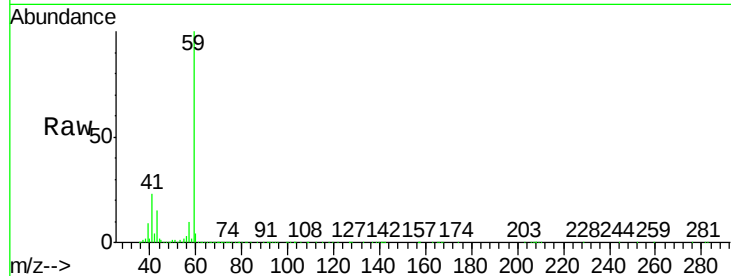
Tert butyl alcohol
Concen: 210.267 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

Manual Integrations
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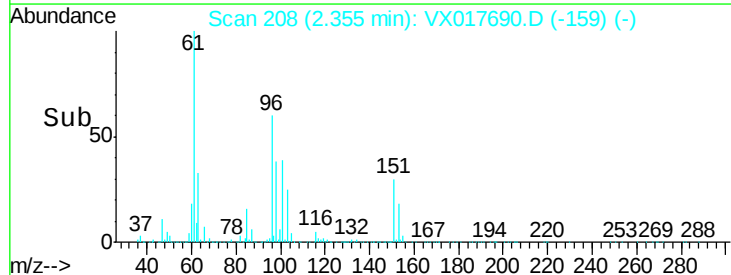
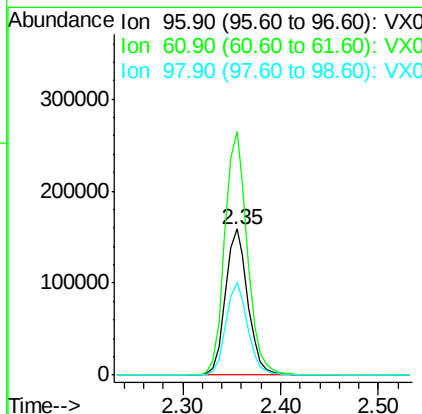
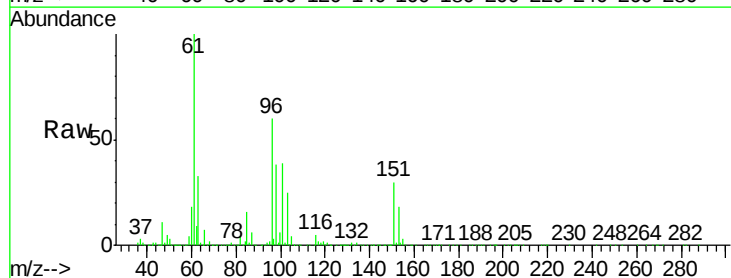
MMDadoda
8/3/2020 5:02:23 PM

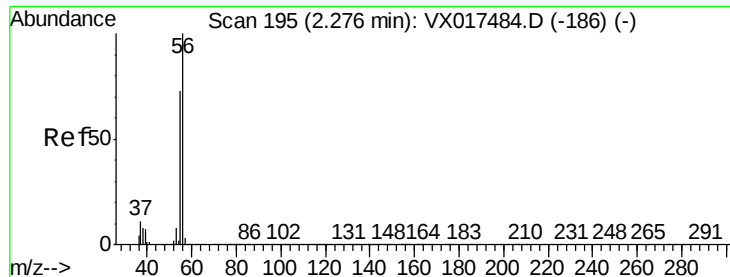


#12

1,1-Dichloroethene
Concen: 44.892 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.5	134.0	201.0
98	63.7	51.0	76.4





#13

Acrolein

Concen: 282.603 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 316205

Ion Ratio Lower Upper

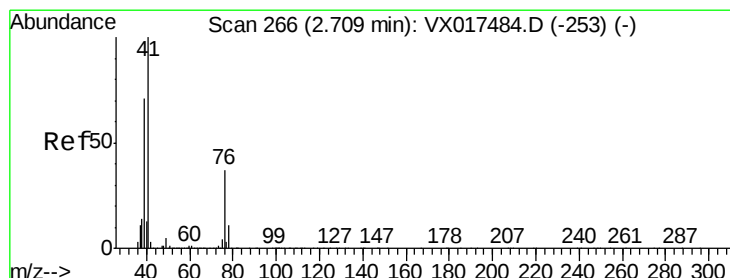
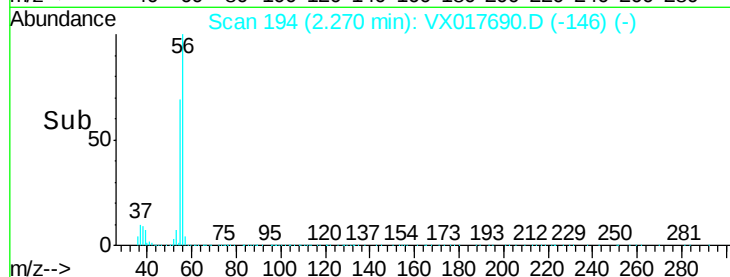
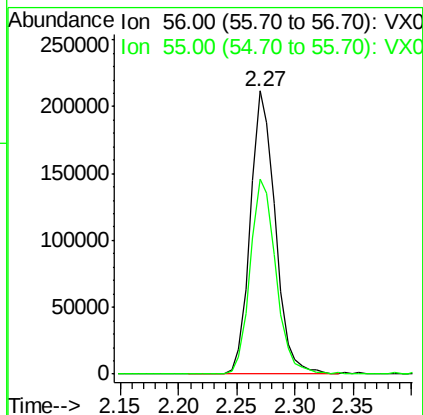
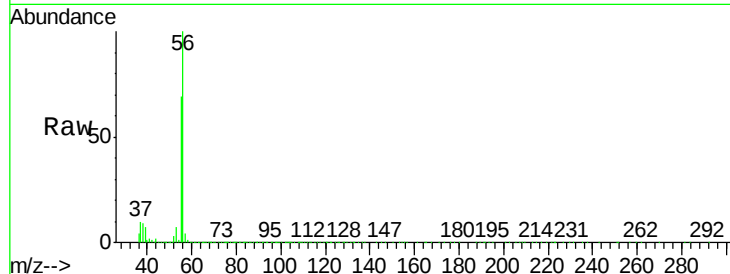
56 100

55 71.3 57.4 86.2

Manual Integrations
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#14

Allyl chloride

Concen: 45.398 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

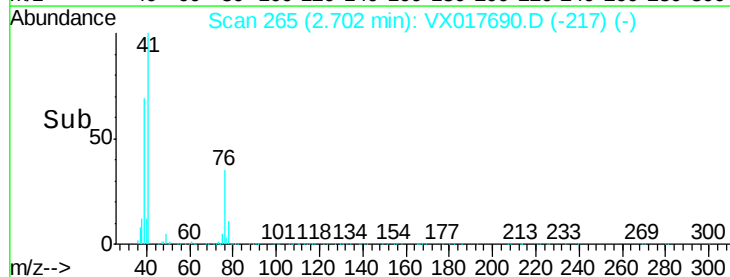
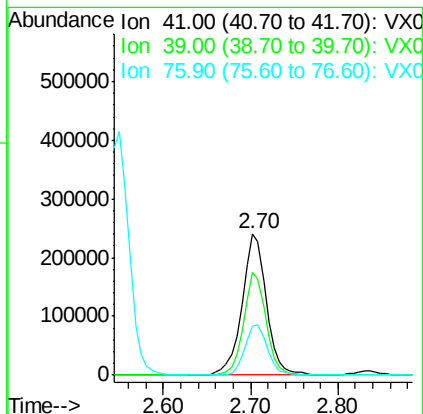
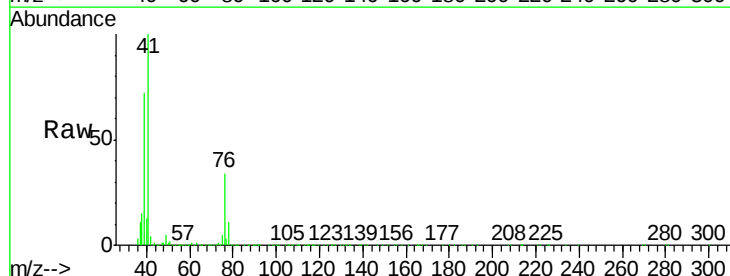
Tgt Ion: 41 Resp: 462595

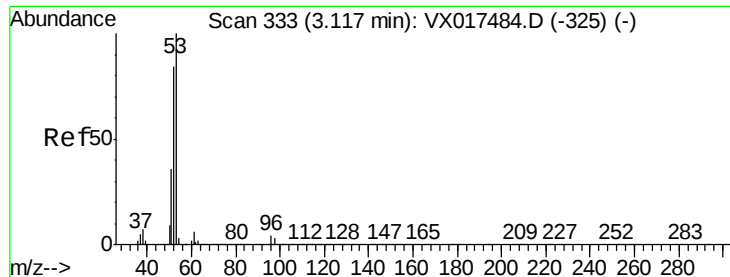
Ion Ratio Lower Upper

41 100

39 65.9 51.9 77.9

76 32.6 25.5 38.3





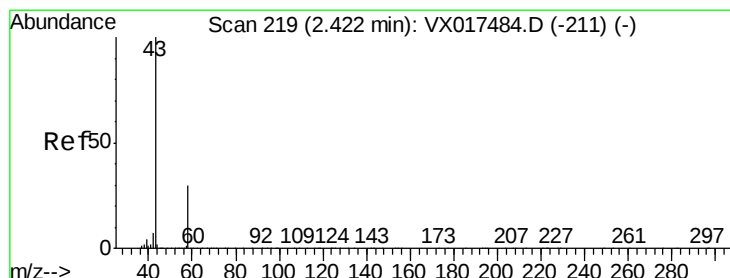
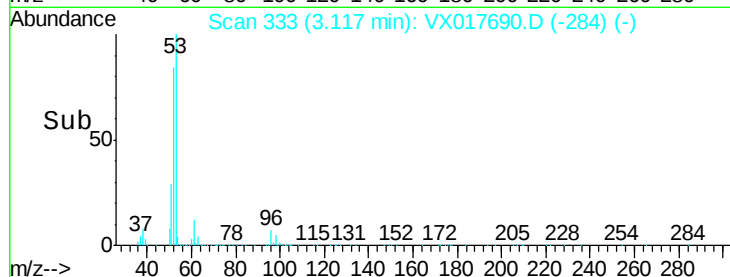
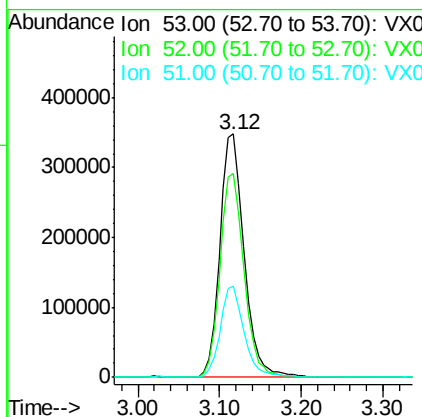
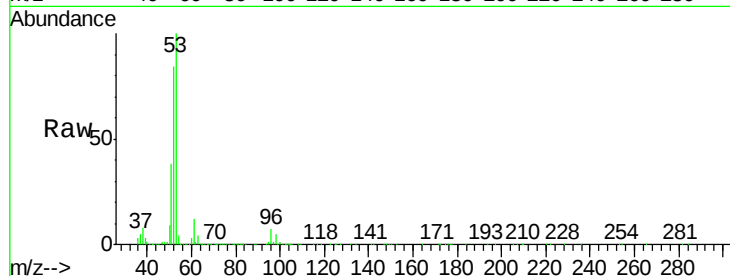
#15
 Acrylonitrile
 Concen: 227.242 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	53	Resp	717902
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.6	99.8
51	36.8	29.4	44.2

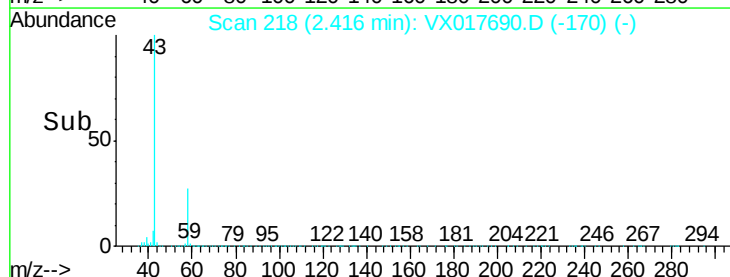
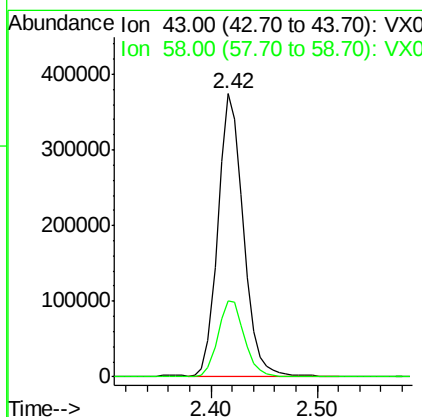
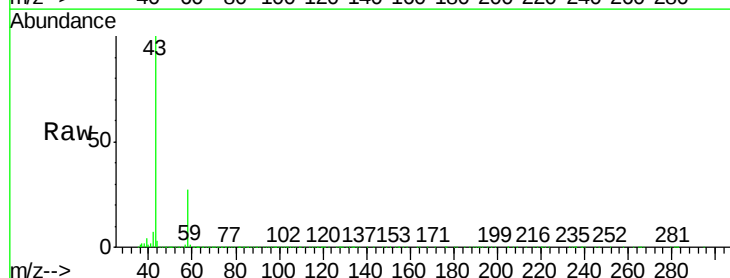
Manual Integrations
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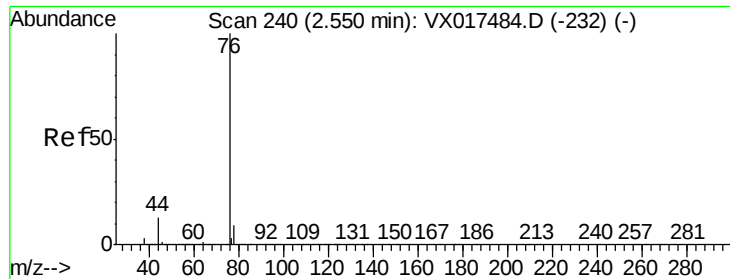
MMDadoda
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#16
 Acetone
 Concen: 202.525 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion	43	Resp	618621
Ion	Ratio	Lower	Upper
43	100		
58	27.0	24.2	36.4





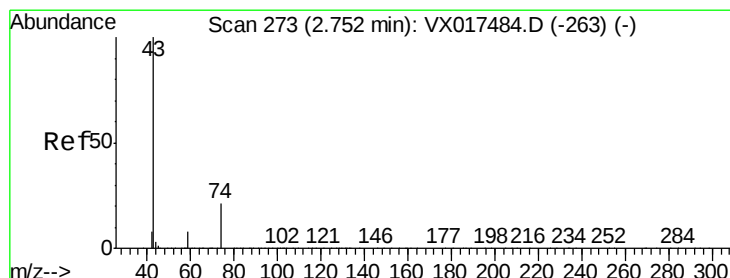
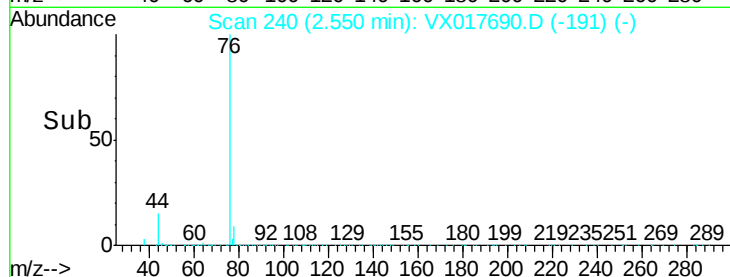
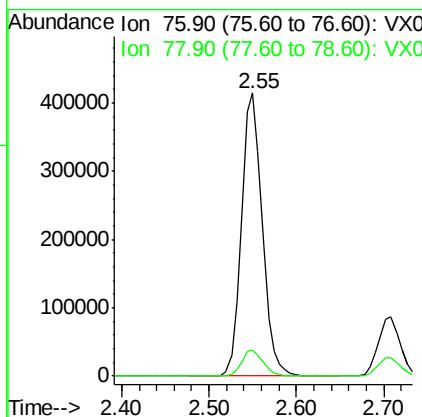
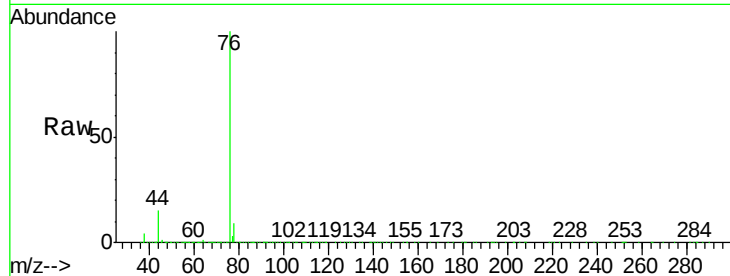
#17
Carbon Disulfide
Concen: 40.406 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

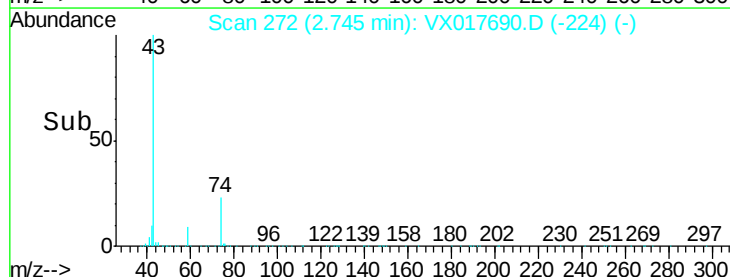
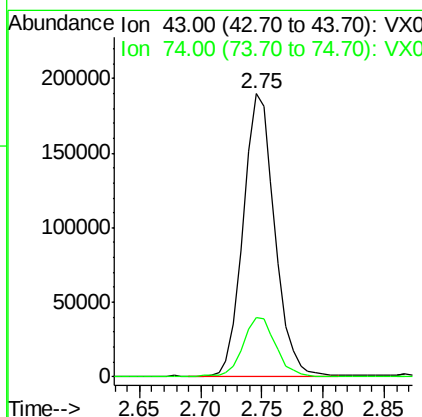
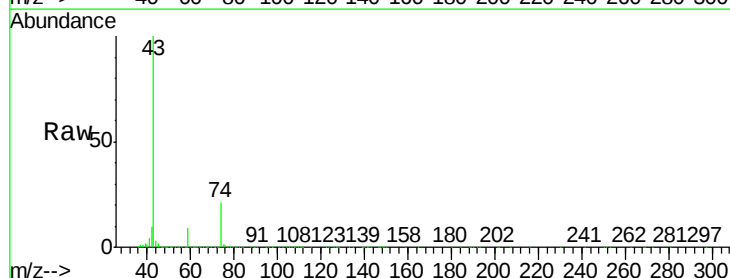
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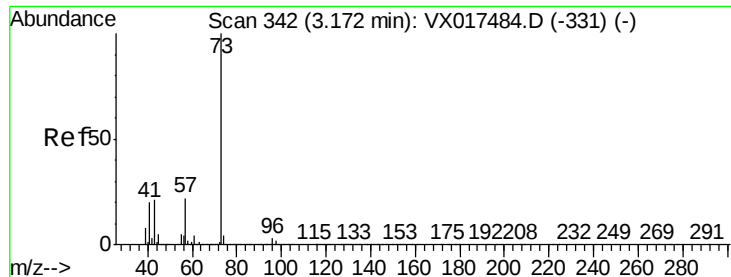
MMDadoda
8/3/2020 5:02:23 PM



#18
Methyl Acetate
Concen: 47.023 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.5	26.3





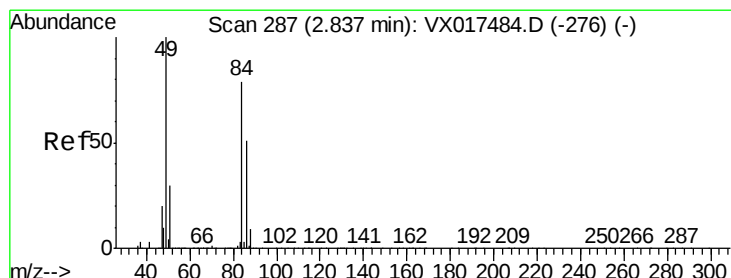
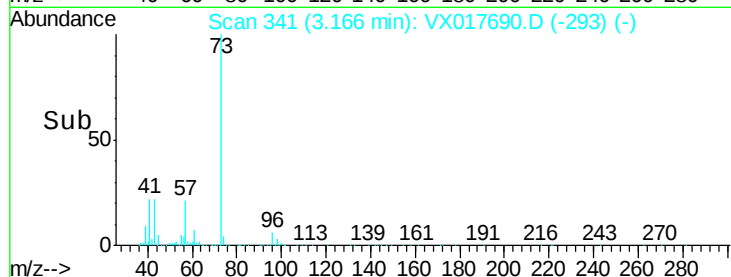
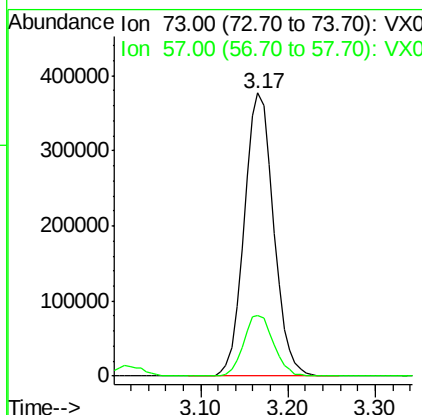
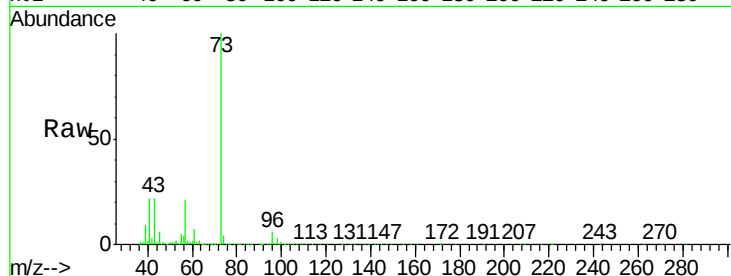
#19
Methvl tert-butvl Ether
Concen: 45.380 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.0	25.4

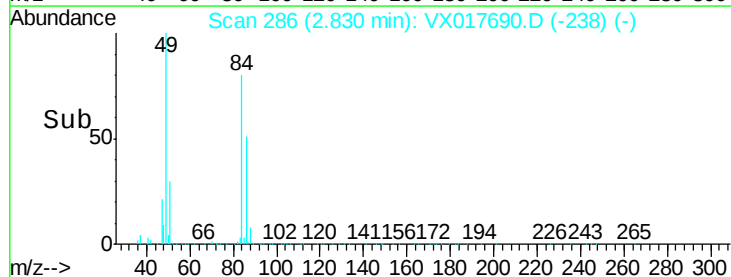
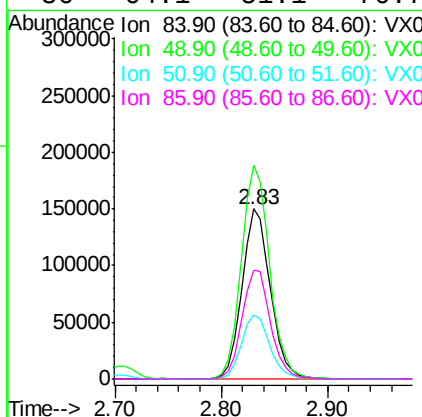
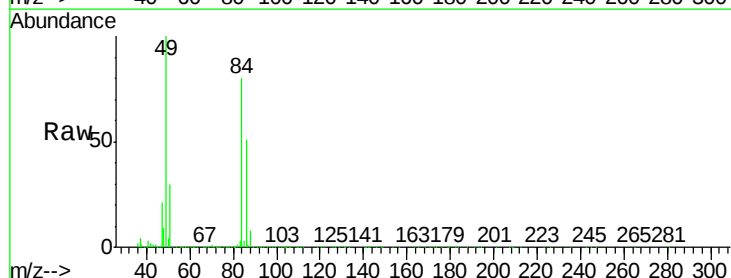
Manual Integrations
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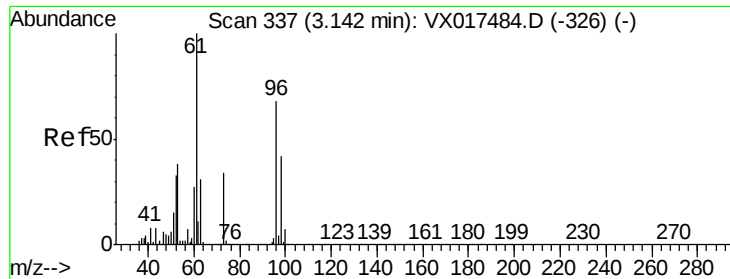
MMDadoda
8/3/2020 5:02:23 PM



#20
Methylene Chloride
Concen: 48.761 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.5	100.3	150.5
51	37.2	30.5	45.7
86	64.1	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 45.397 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

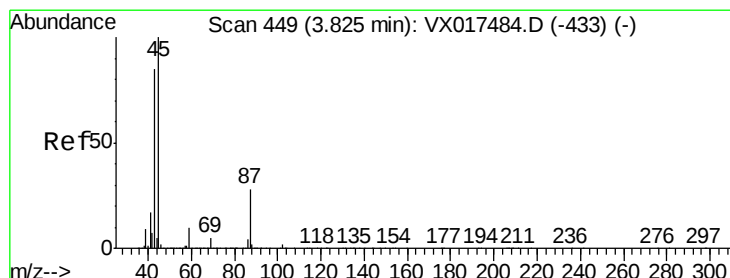
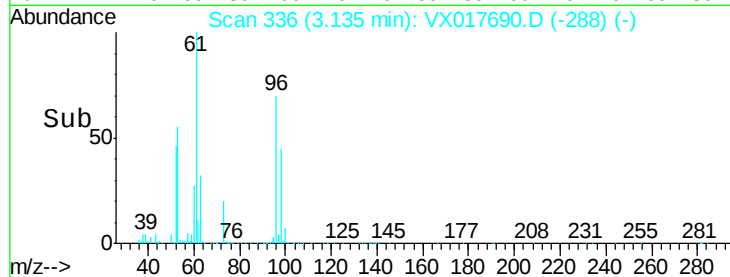
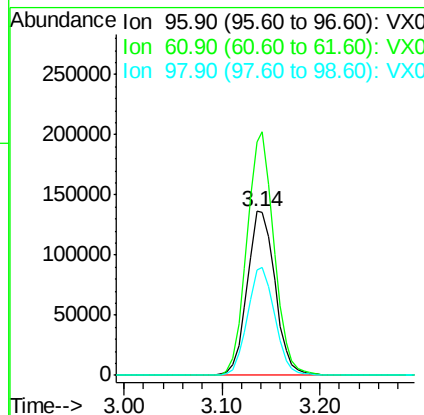
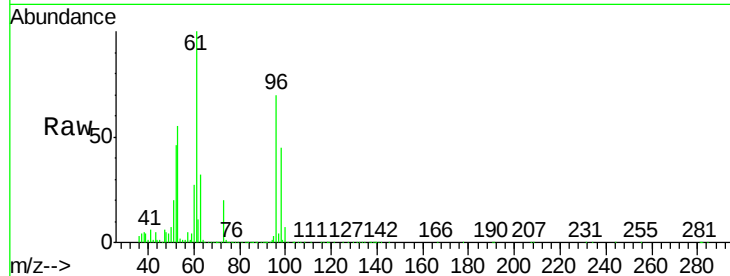
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	271391
Ion Ratio	Lower	Upper	
96	100		
61	142.9	113.0	169.4
98	64.6	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.707 ug/l

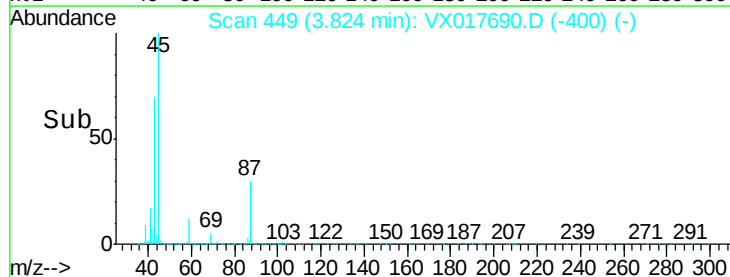
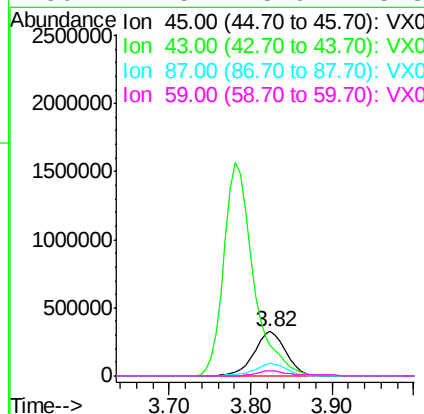
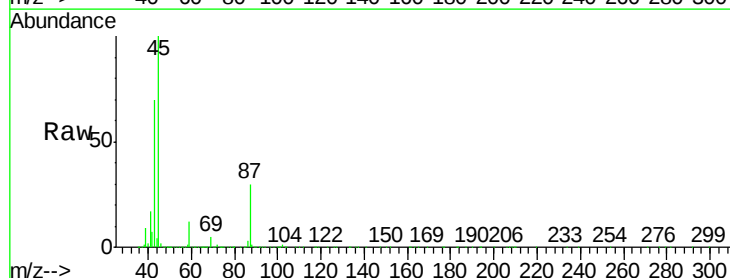
RT: 3.82 min Scan# 449

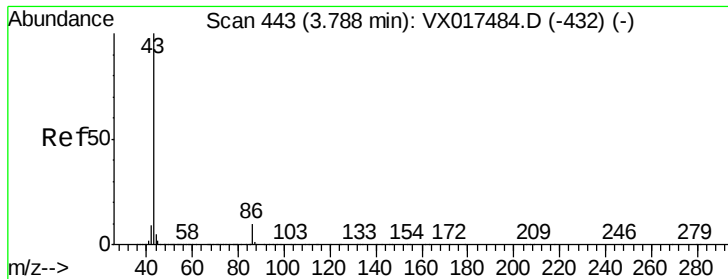
Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion:	45	Resp:	888859
Ion Ratio	Lower	Upper	
45	100		
43	69.7	52.0	78.0
87	29.5	22.2	33.4
59	11.5	8.9	13.3





#23

Vinyl Acetate

Concen: 237.929 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3952544

Ion Ratio Lower Upper

43 100

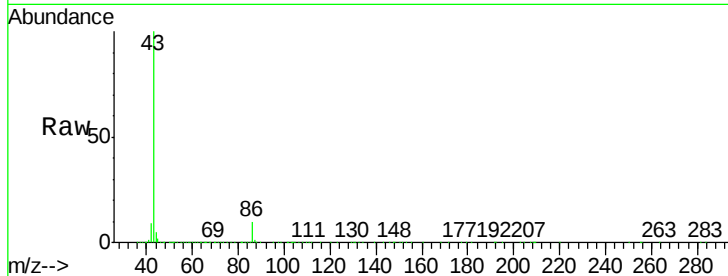
86 9.6 8.2 12.4

Manual Integrations

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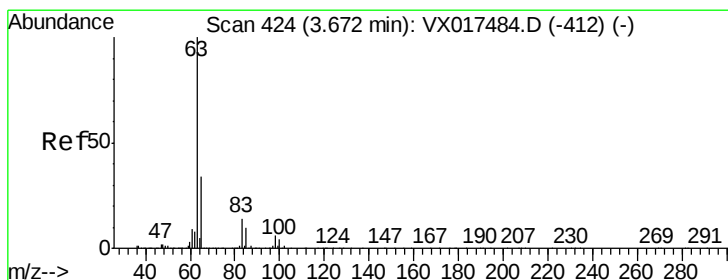
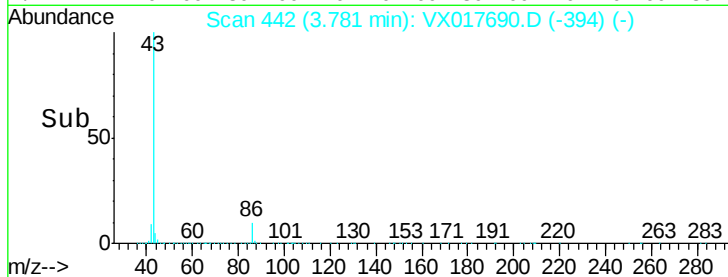
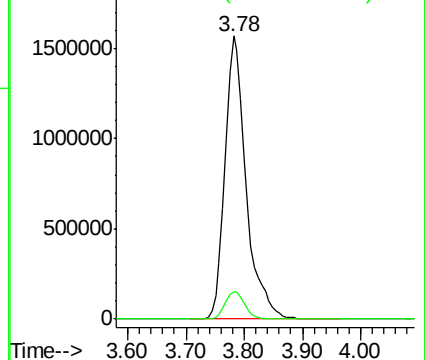
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.750 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

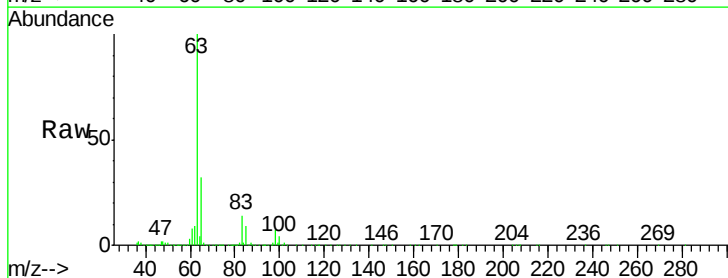
Tgt Ion: 63 Resp: 501760

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

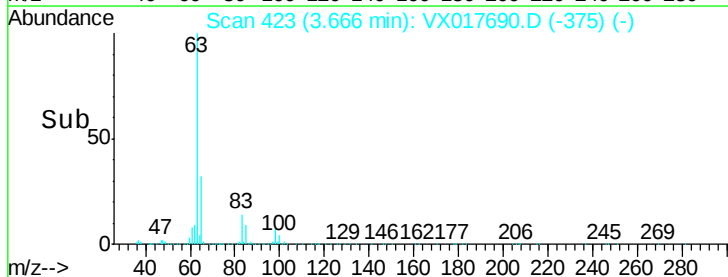
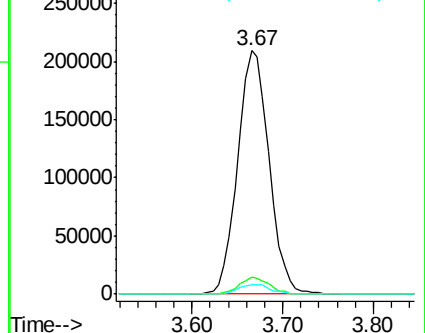
100 3.8 1.9 5.7

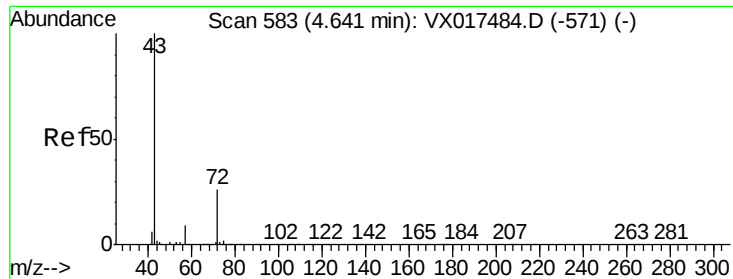


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.611 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 987672

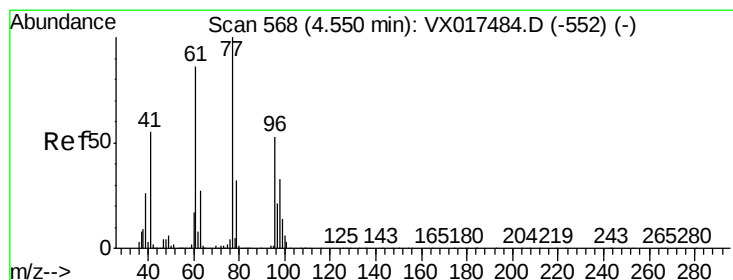
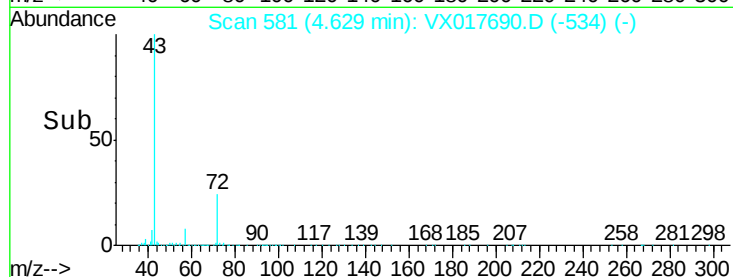
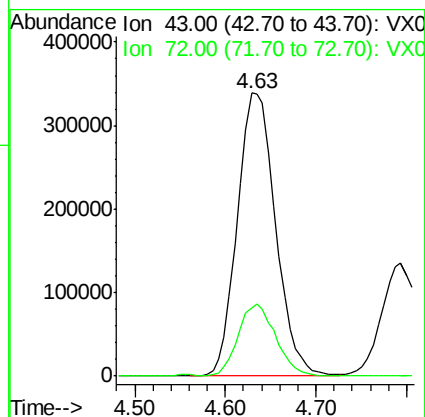
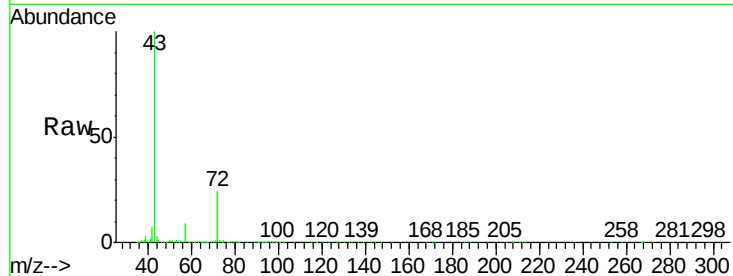
Ion Ratio Lower Upper

43 100

72 24.2 19.0 28.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 49.830 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017690.D

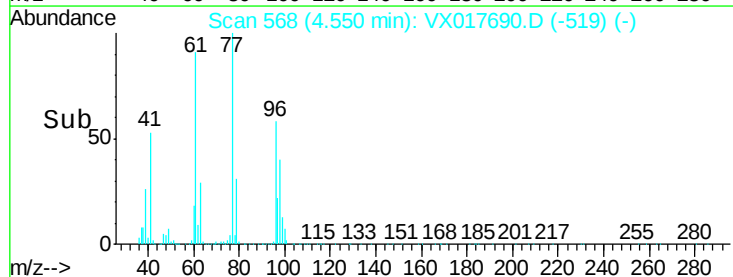
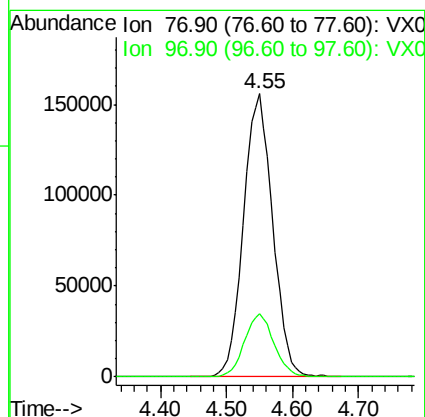
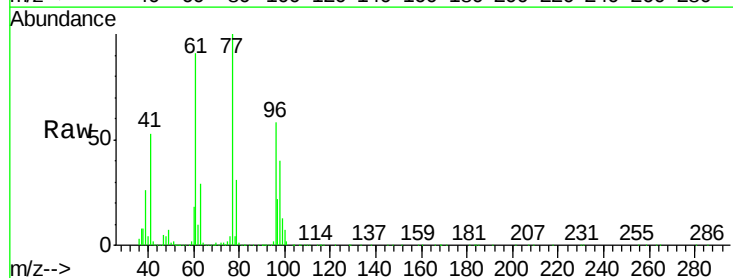
Acq: 31 Jul 2020 10:27

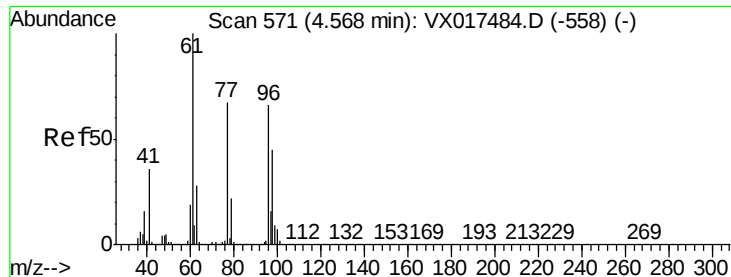
Tgt Ion: 77 Resp: 478733

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

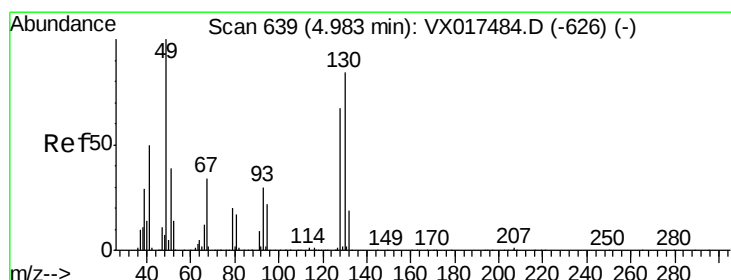
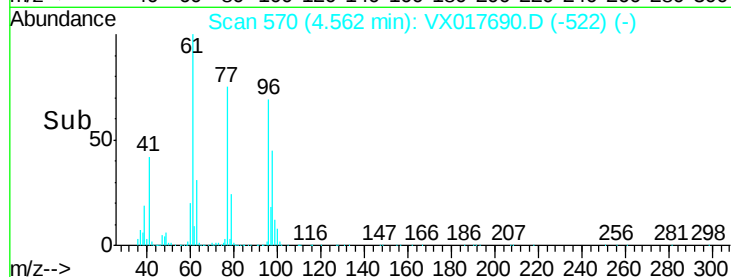
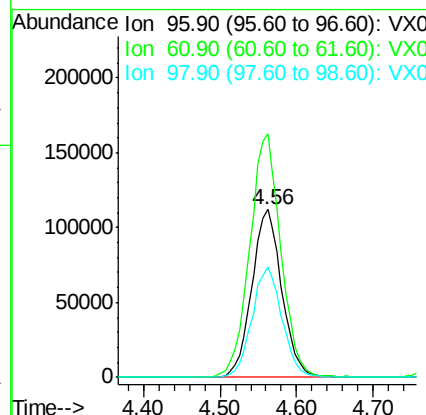
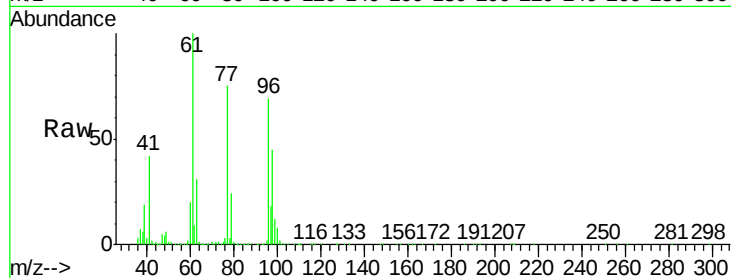
cis-1,2-Dichloroethene
Concen: 47.031 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	305384		
61	150.5	0.0	301.2	
98	66.0	0.0	130.0	

Manual Integrations
APPROVED

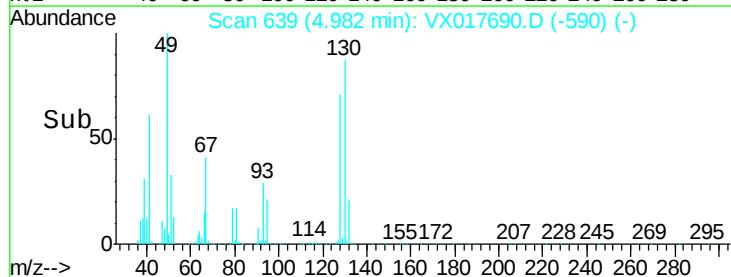
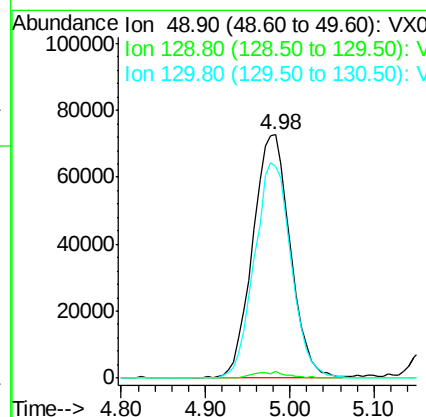
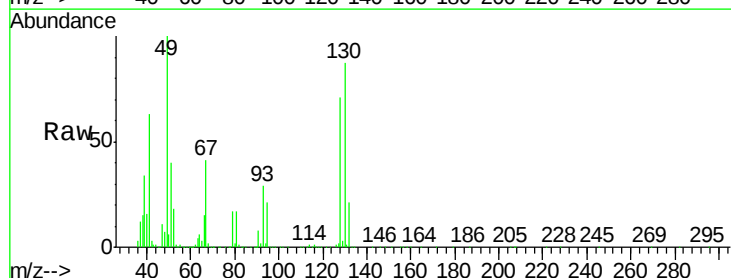
MMDadoda
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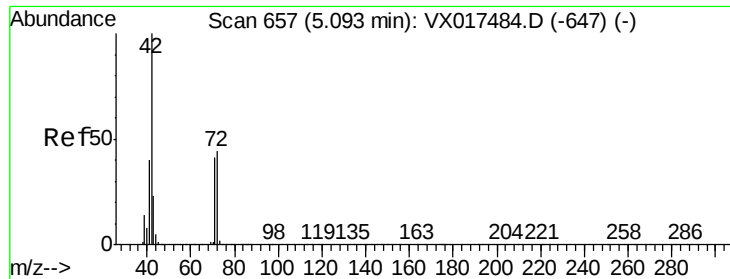


#28

Bromochloromethane
Concen: 45.440 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	221003		
129	2.4	0.0	4.6	
130	87.0	66.7	100.1	





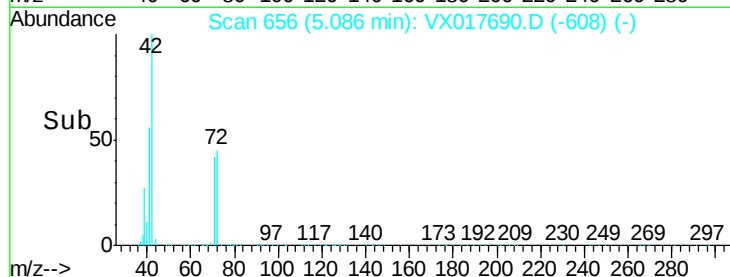
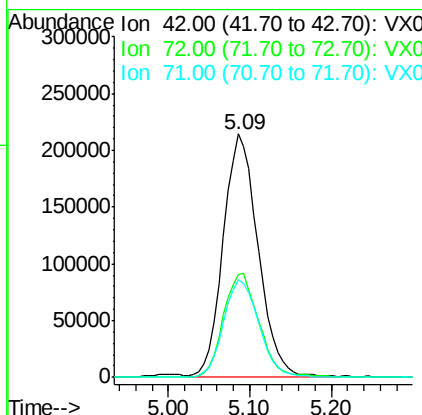
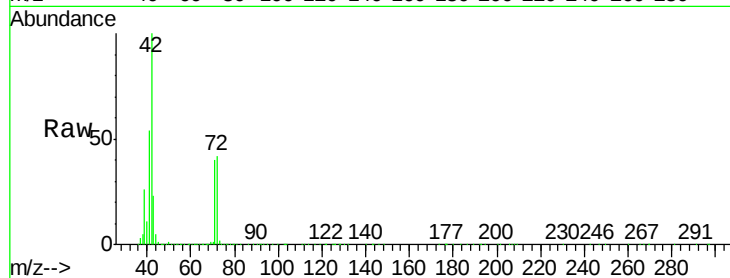
#29
Tetrahydrofuran
Concen: 233.877 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.5	53.3
71	41.1	33.0	49.4

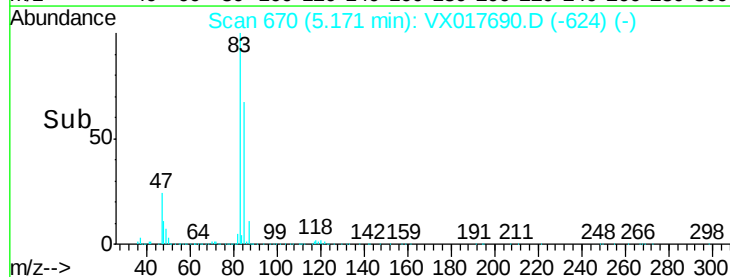
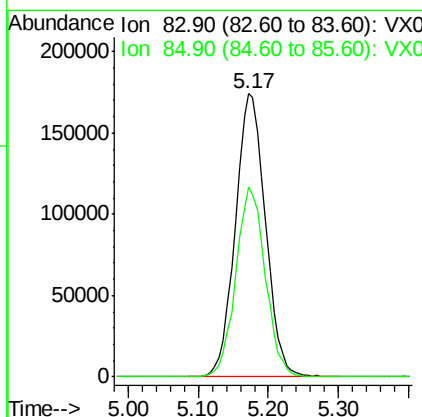
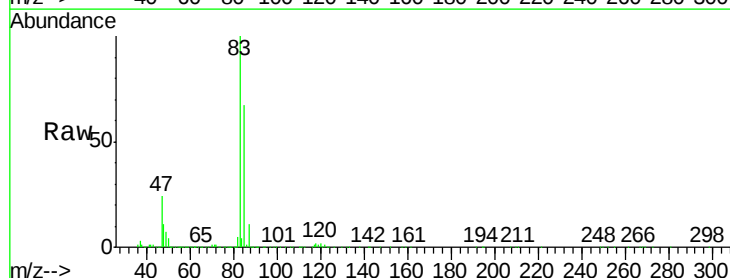
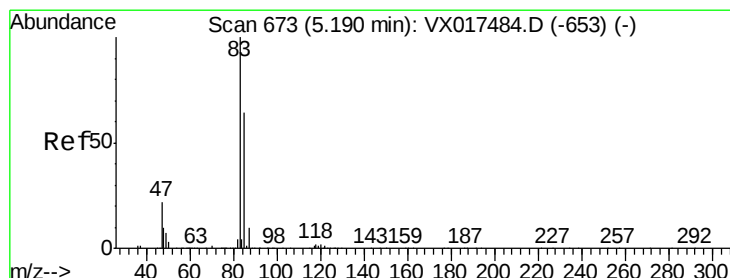
Manual Integrations
APPROVED

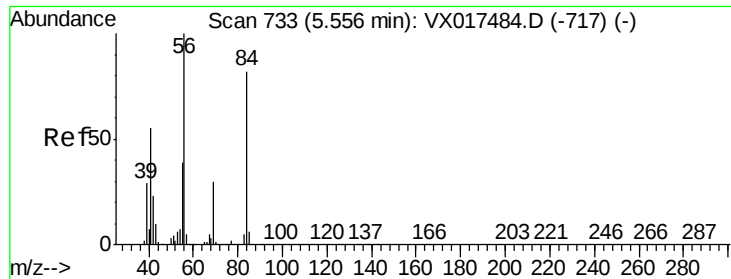
MMDadoda
8/3/2020 5:02:23 PM



#30
Chloroform
Concen: 47.335 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.4	77.2





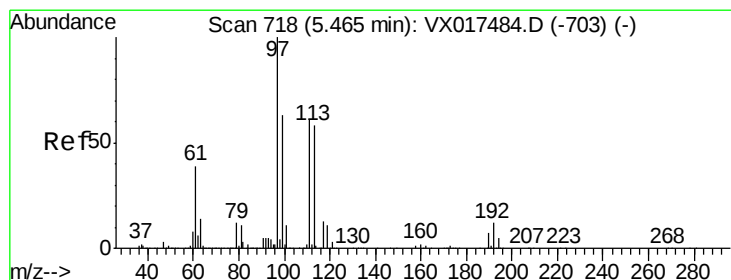
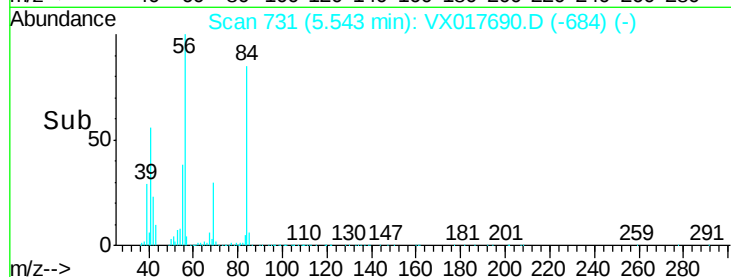
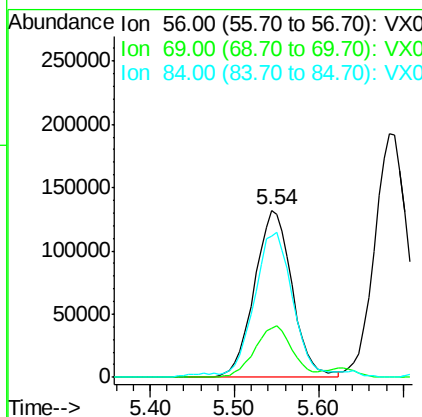
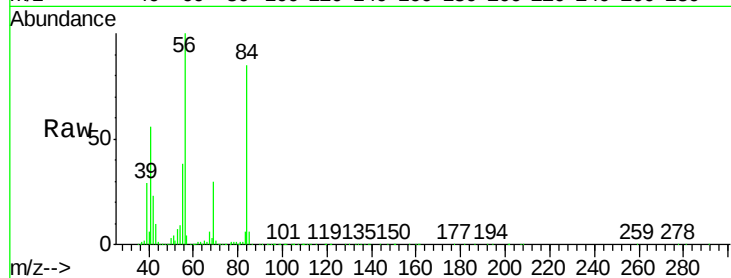
#31
Cyclohexane
Concen: 47.671 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.2	36.4
84	82.8	69.0	103.6

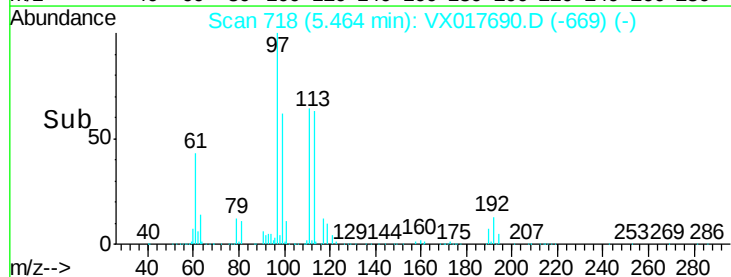
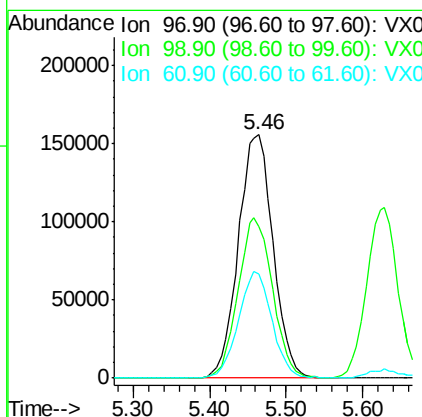
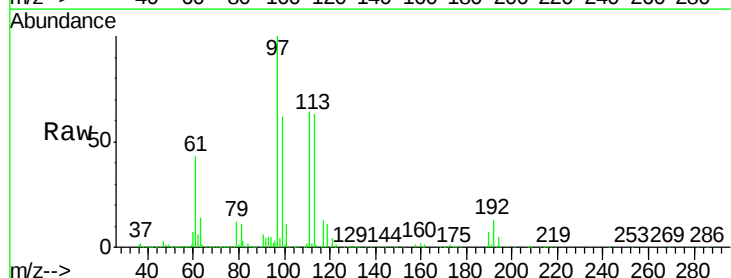
Manual Integrations
APPROVED

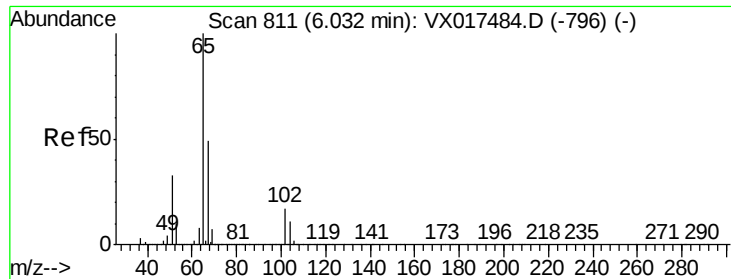
MMDadoda
8/3/2020 5:02:23 PM



#32
1,1,1-Trichloroethane
Concen: 47.572 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.9	77.9
61	42.1	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 50.356 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 349473

Ion Ratio Lower Upper

65 100

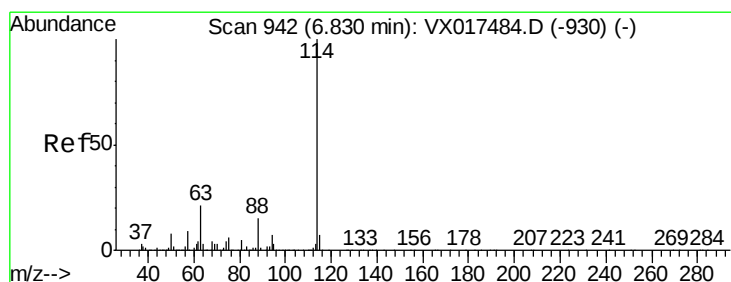
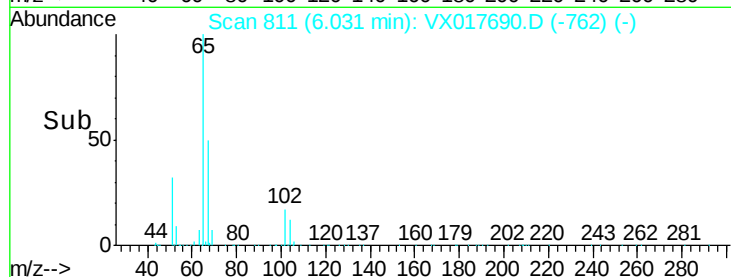
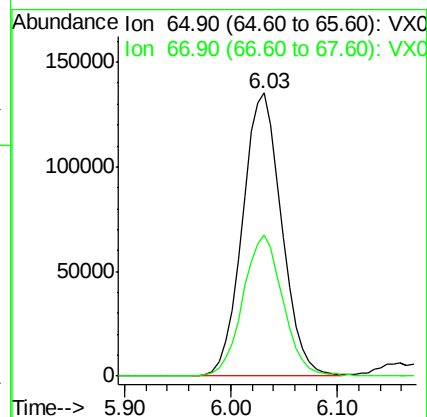
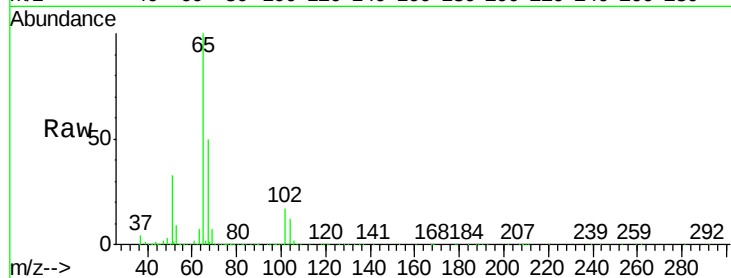
67 51.1 0.0 102.8

Manual Integrations

APPROVED

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

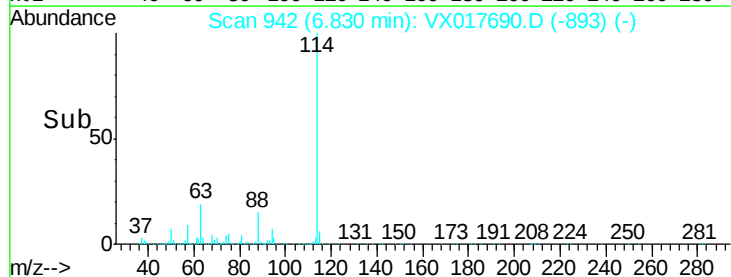
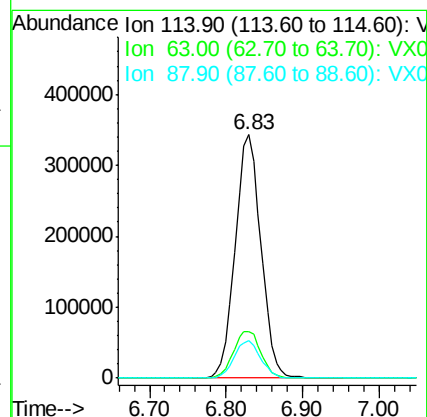
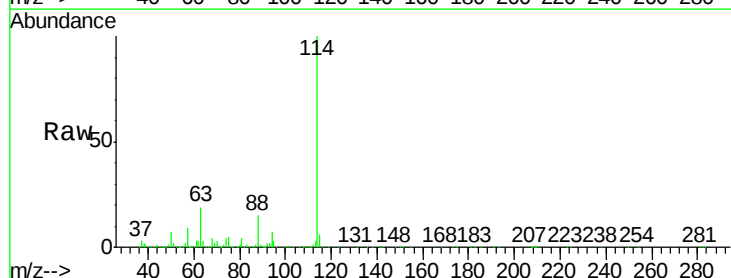
Tgt Ion: 114 Resp: 798663

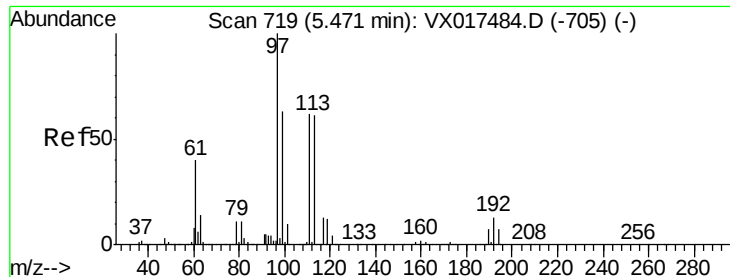
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.6

88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.984 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

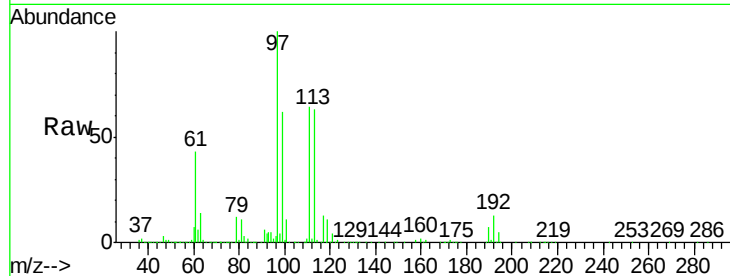
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	277674
Ion Ratio	Lower	Upper	
113	100		
111	103.5	80.7	121.1
192	21.8	16.9	25.3

Manual Integrations
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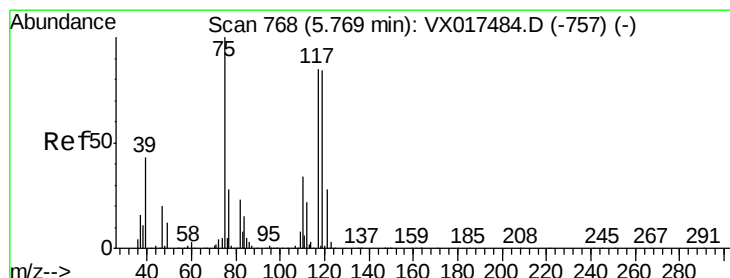
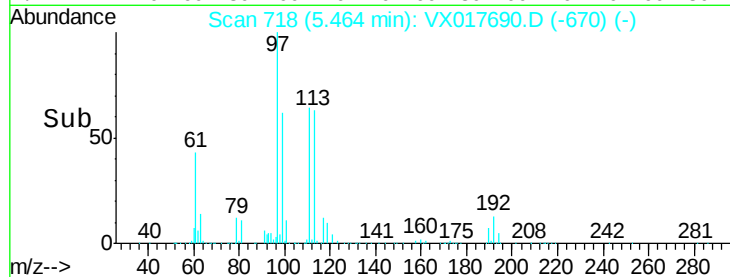
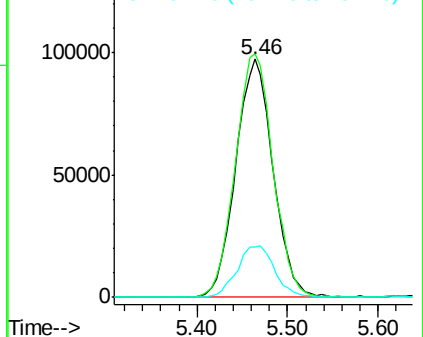
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.010 ug/l

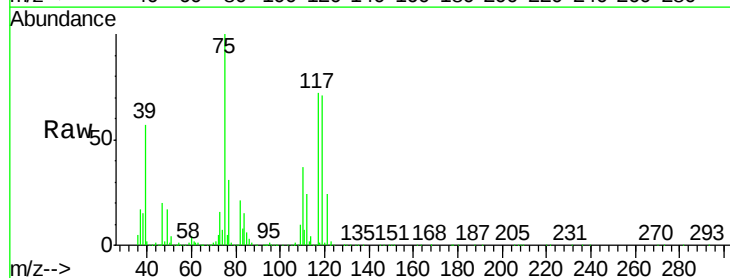
RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

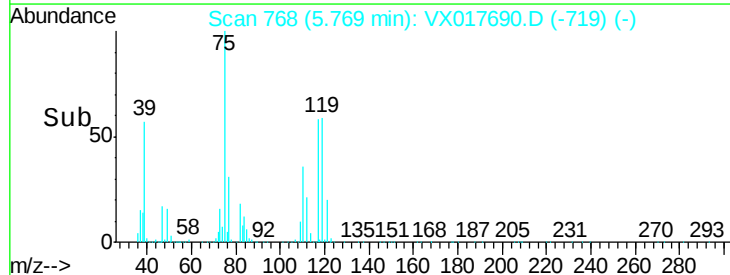
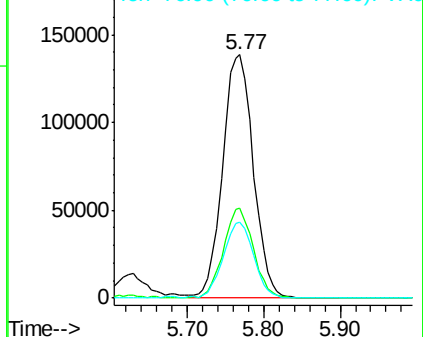
Tgt Ion:	75	Resp:	383070
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.3
77	30.6	24.6	37.0

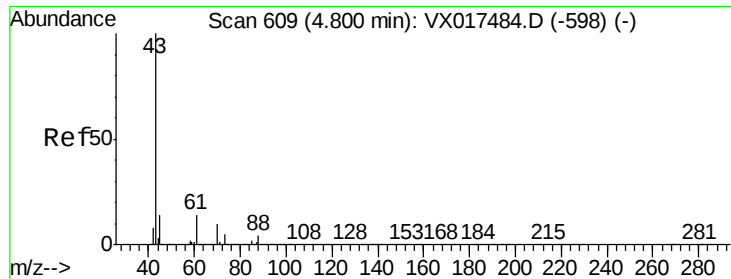


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





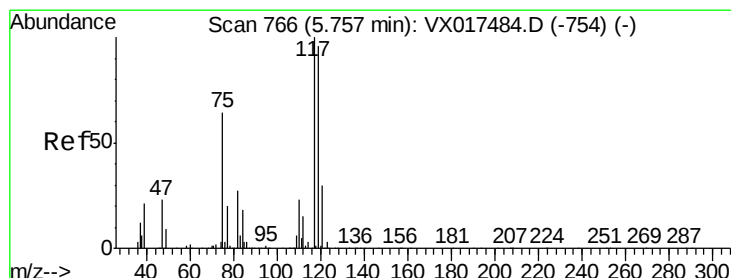
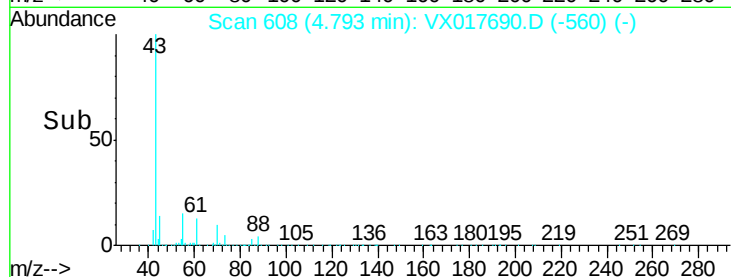
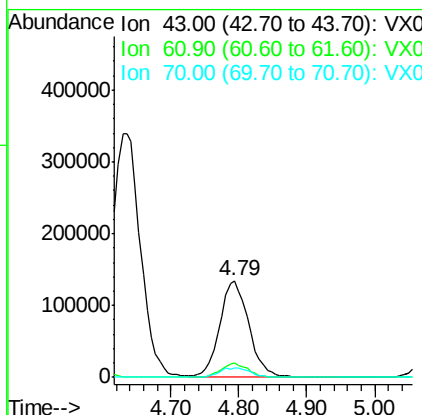
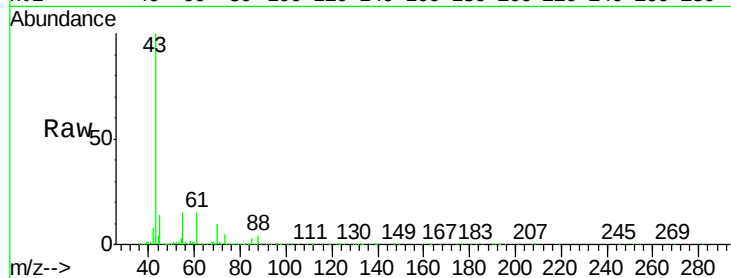
#37
Ethyl Acetate
Concen: 47.293 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	10.3	8.5	12.7

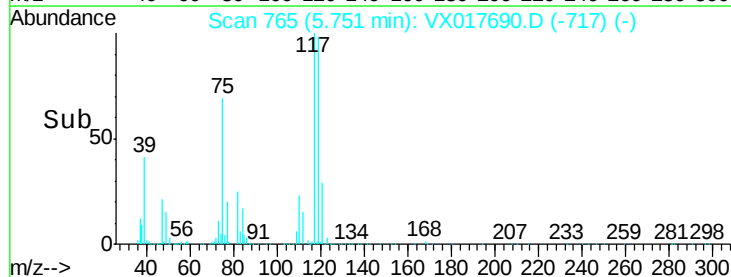
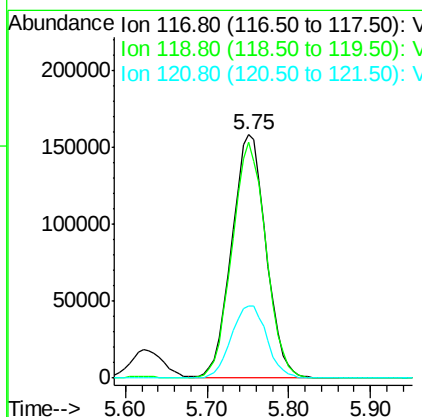
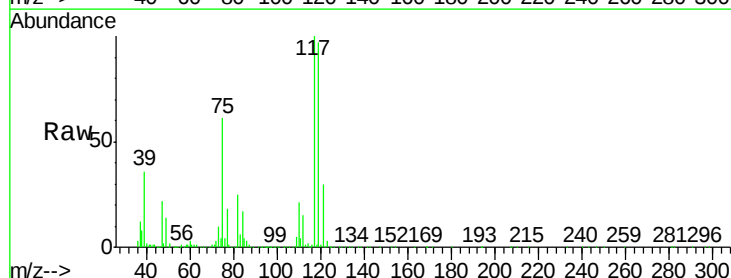
Manual Integrations
APPROVED

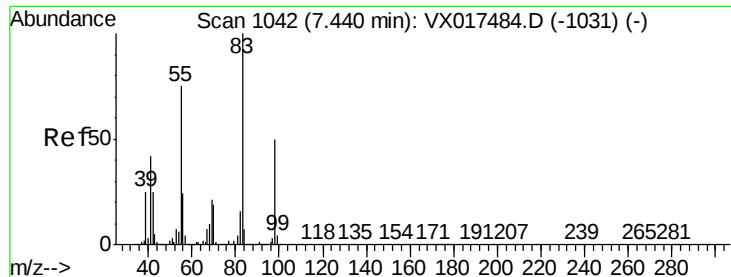
MMDadoda
8/3/2020 5:02:23 PM



#38
Carbon Tetrachloride
Concen: 49.507 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.4	113.0
121	29.5	24.3	36.5





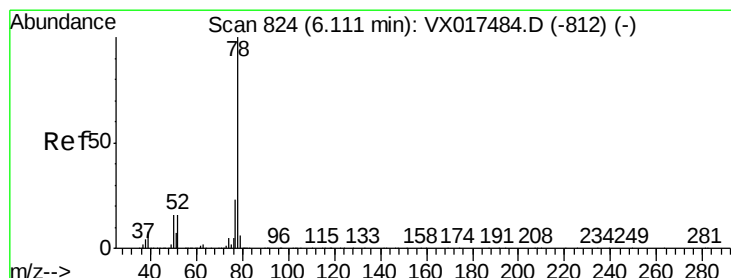
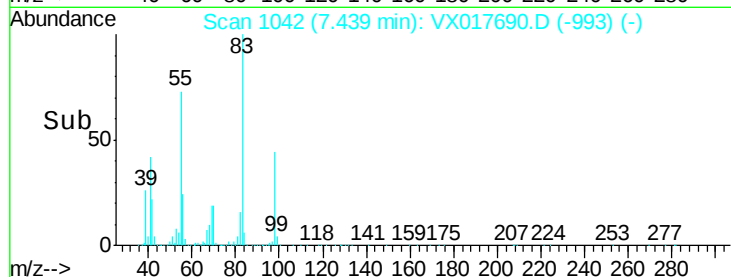
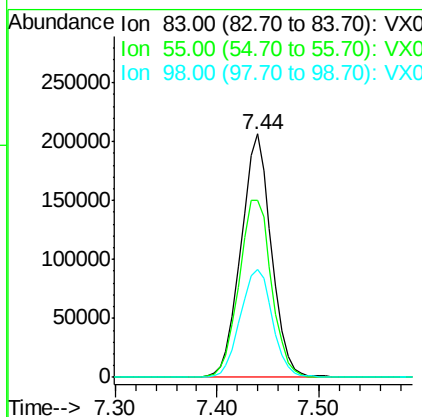
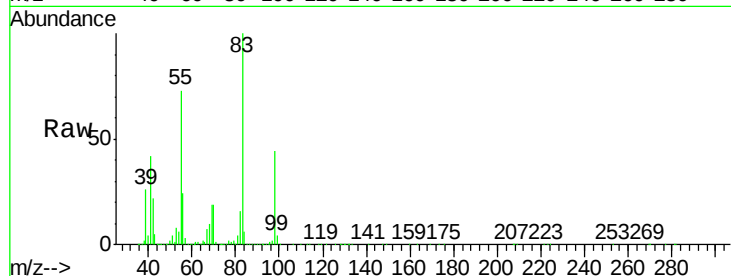
#39
Methvlcvclohexane
Concen: 47.781 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.7	61.8	92.8
98	44.4	36.9	55.3

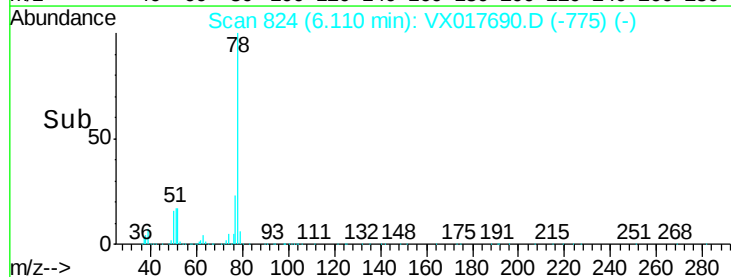
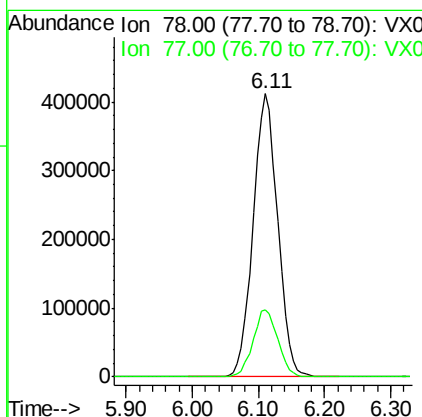
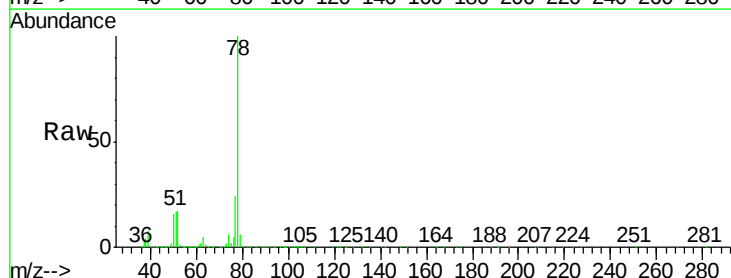
Manual Integrations
APPROVED

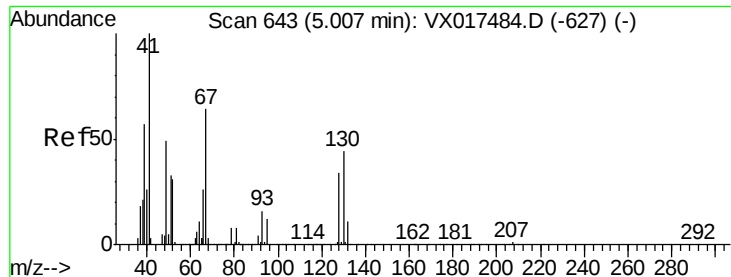
MMDadoda
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#40
Benzene
Concen: 48.654 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.2





#41

Methacrylonitrile

Concen: 45.602 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

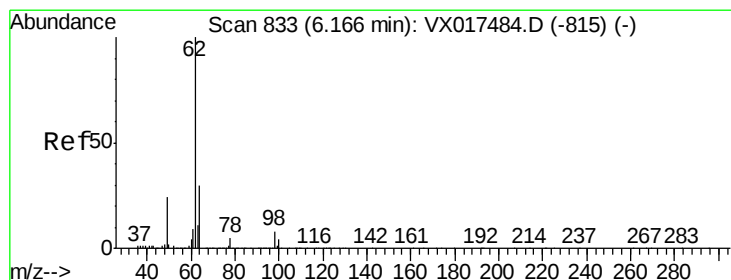
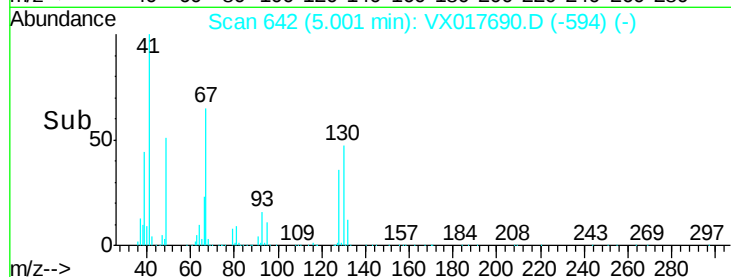
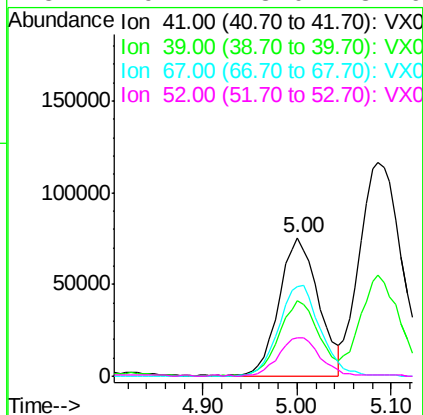
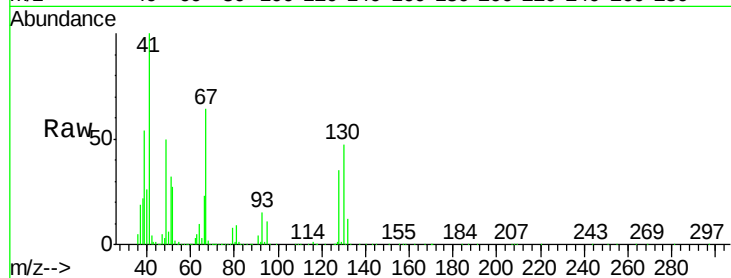
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	43.9	65.9	
67	68.8	54.0	81.0	
52	29.2	23.0	34.6	

Manual Integrations
APPROVED

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8/3/2020 5:02:23 PM



#42

1,2-Dichloroethane

Concen: 48.932 ug/l

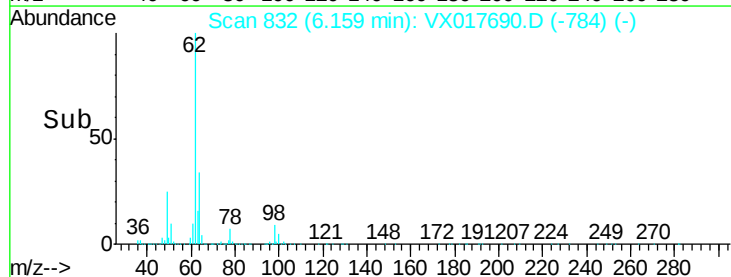
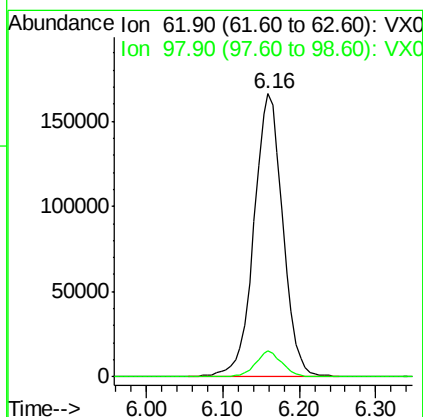
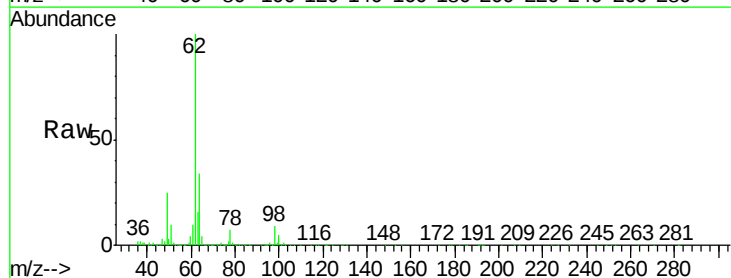
RT: 6.16 min Scan# 832

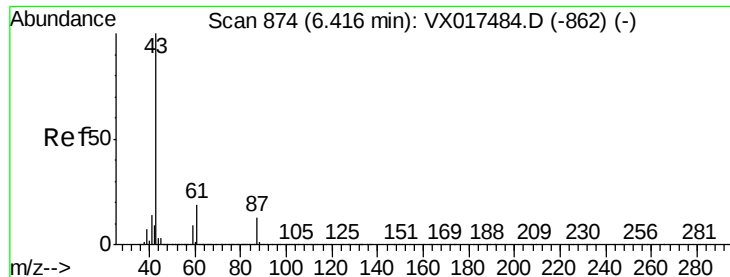
Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.0	





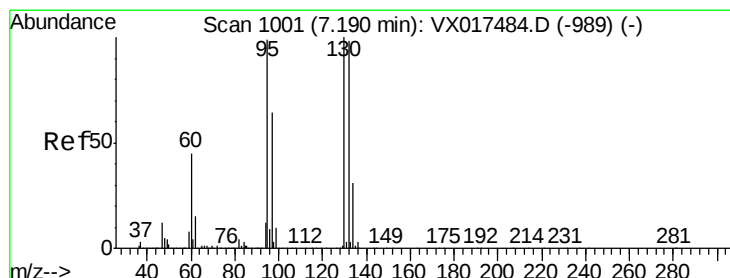
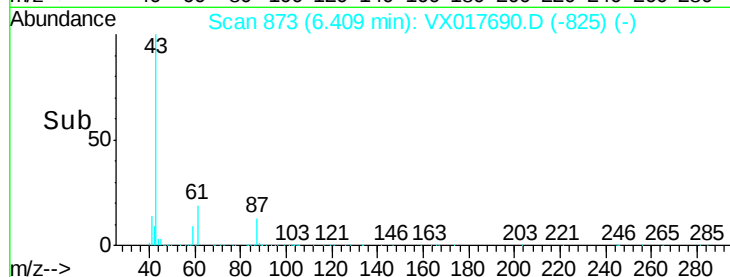
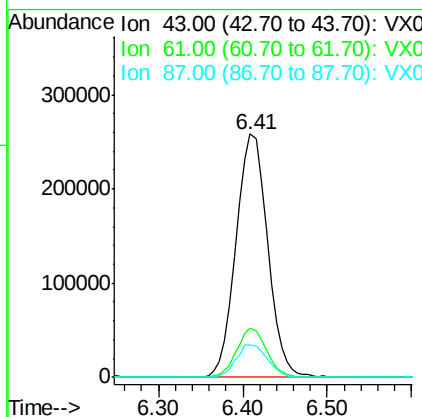
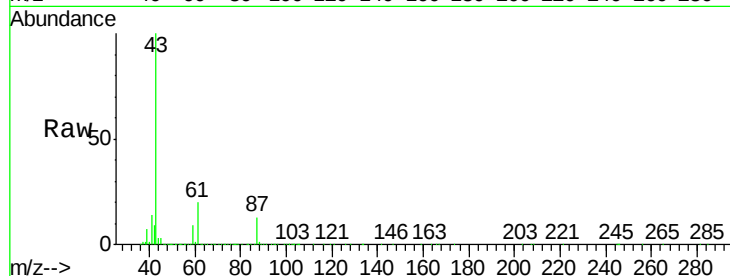
#43
Isopropyl Acetate
Concen: 47.338 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	13.3	10.5	15.7

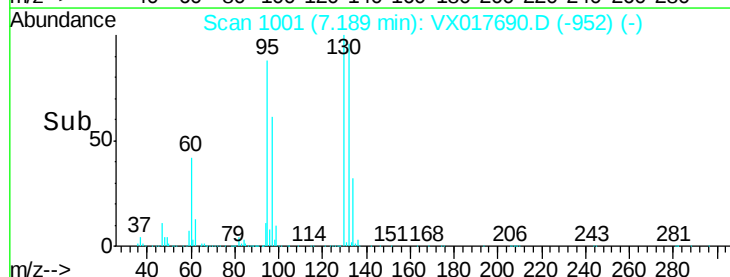
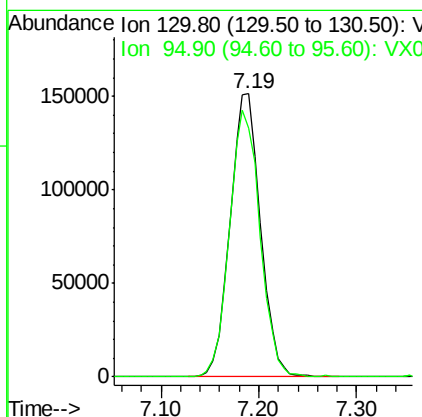
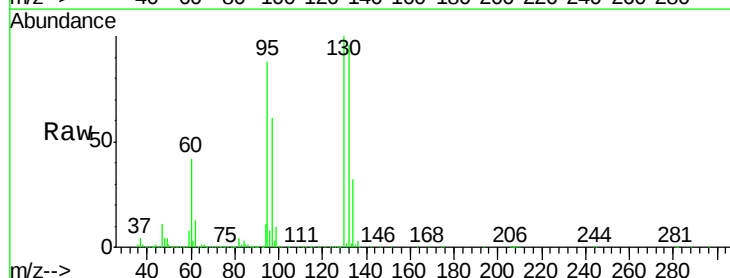
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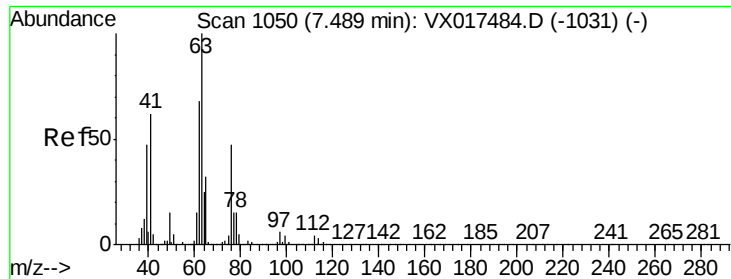
MMDadoda
8/3/2020 5:02:23 PM



#44
Trichloroethene
Concen: 50.791 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.8	0.0	189.0





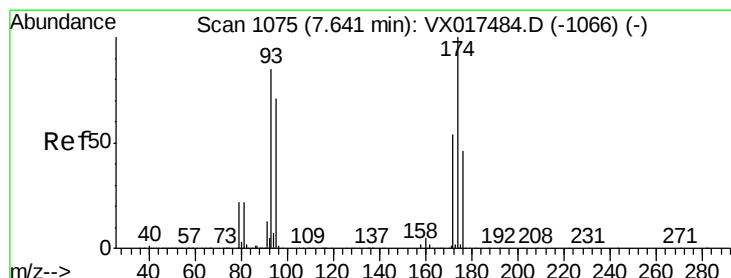
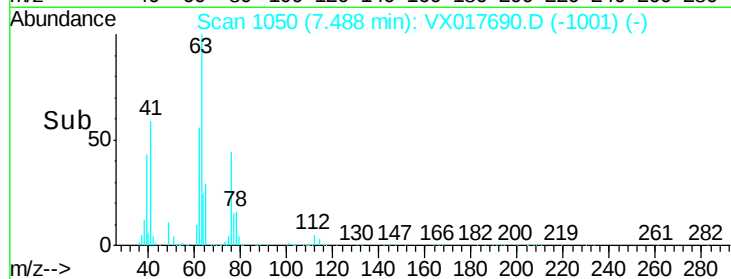
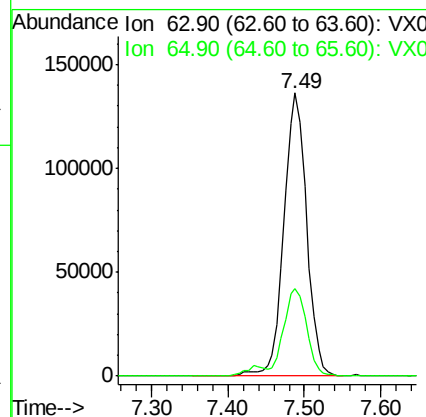
#45
 1,2-Dichloropropane
 Concen: 46.166 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.5	36.7

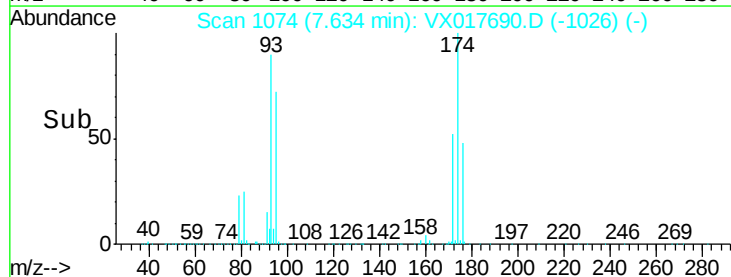
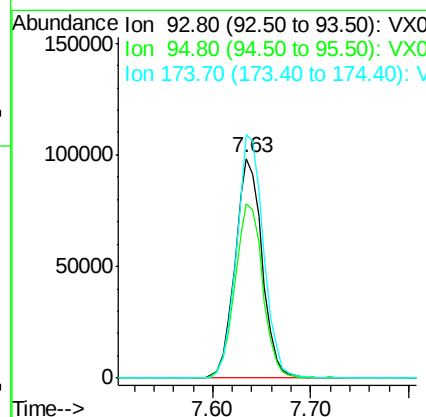
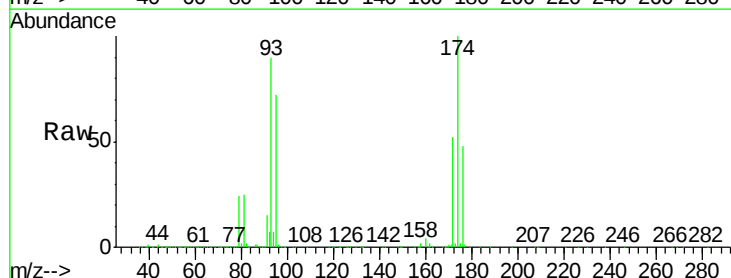
Manual Integrations
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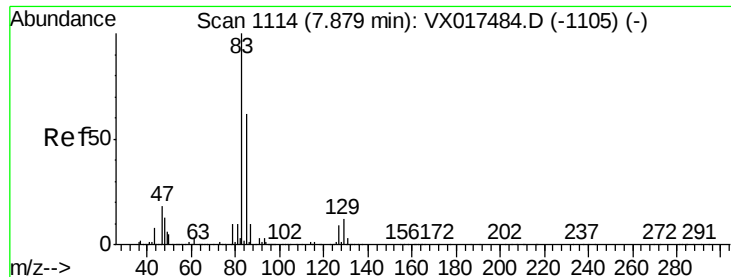
MMDadoda
 8/3/2020 5:02:23 PM



#46
 Dibromomethane
 Concen: 43.739 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.6	99.8
174	110.9	87.0	130.6





#47

Bromodichloromethane

Concen: 47.047 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

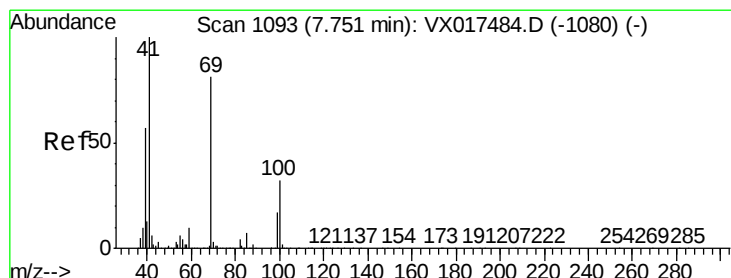
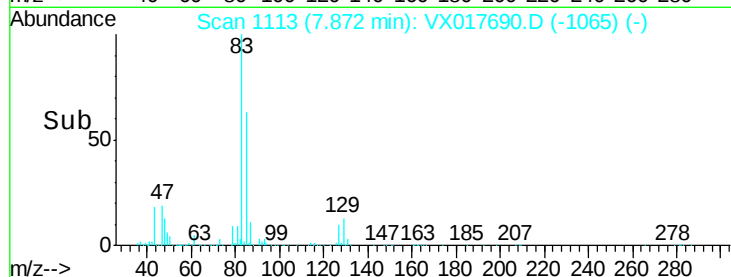
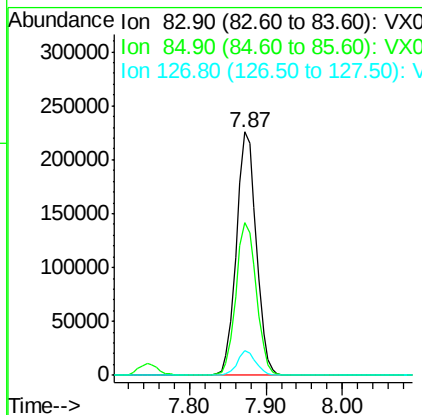
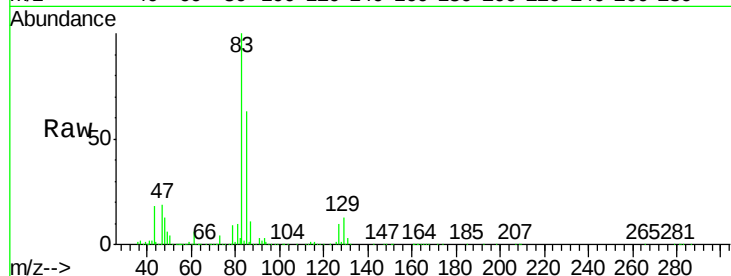
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	407280
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	10.1	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.735 ug/l

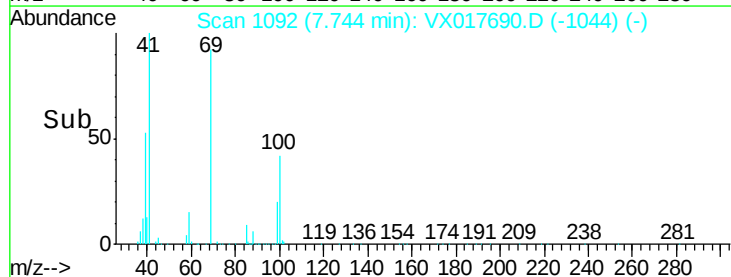
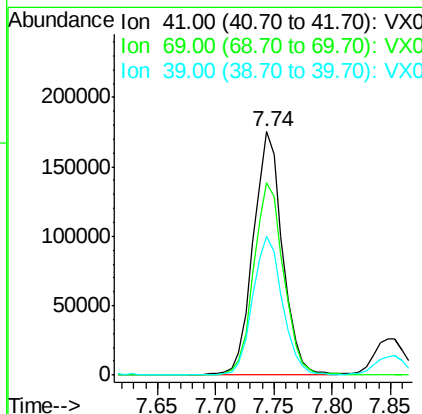
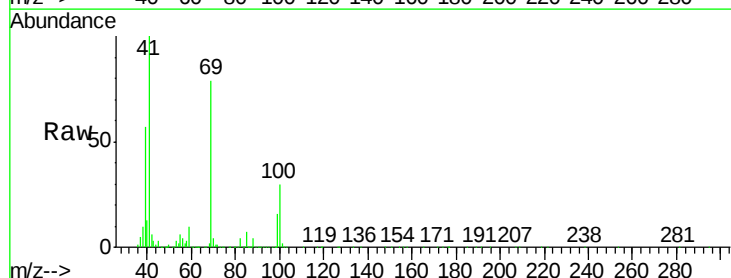
RT: 7.74 min Scan# 1092

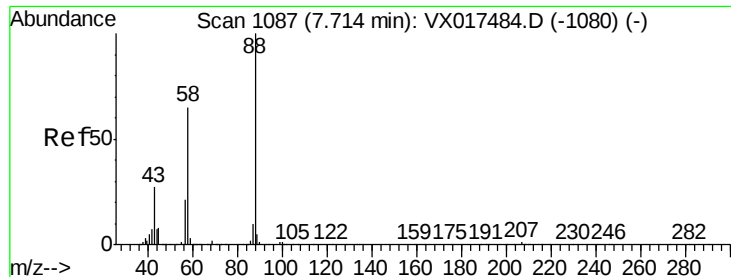
Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion:	41	Resp:	306639
Ion	Ratio	Lower	Upper
41	100		
69	80.5	63.1	94.7
39	57.6	45.1	67.7





#49

1,4-Dioxane

Concen: 882.516 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

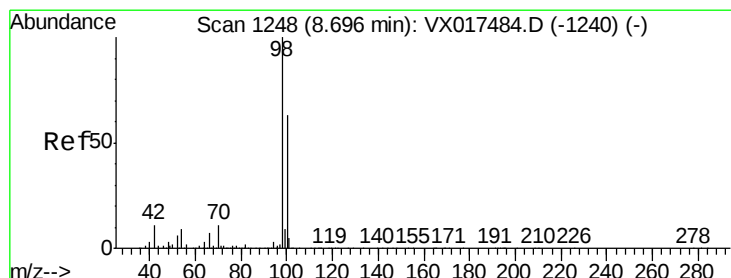
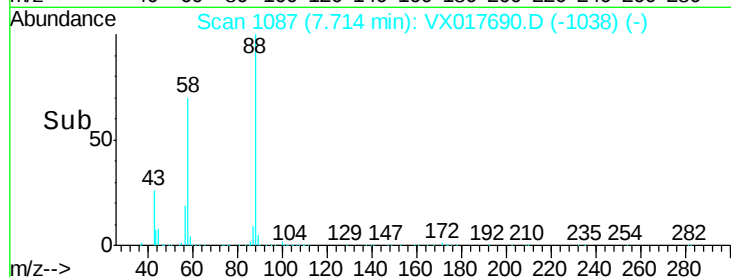
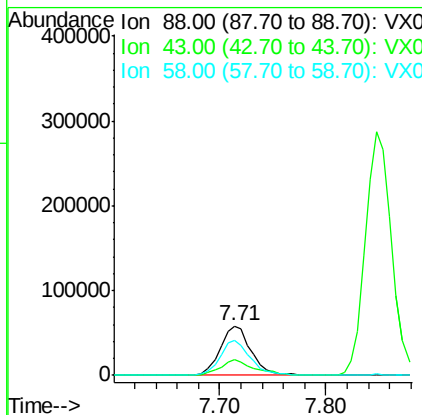
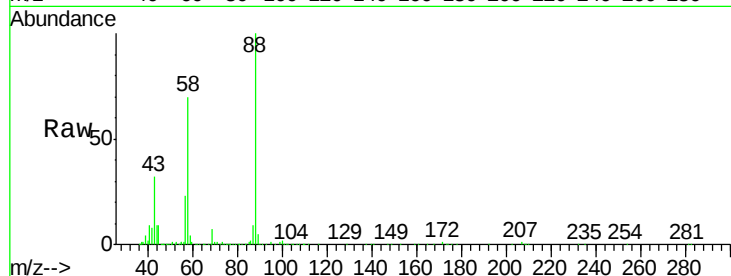
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	115979
Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.8	41.6
58	71.0	58.3	87.5

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#50

Toluene-d8

Concen: 47.983 ug/l

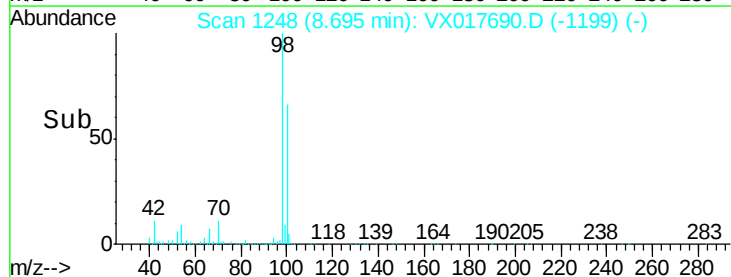
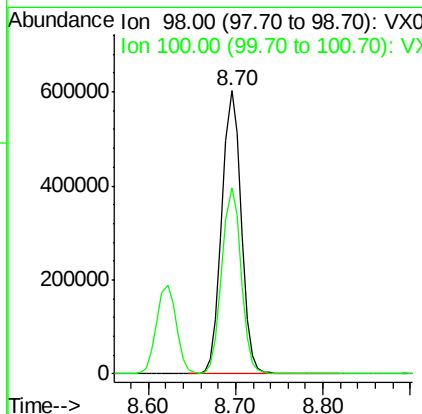
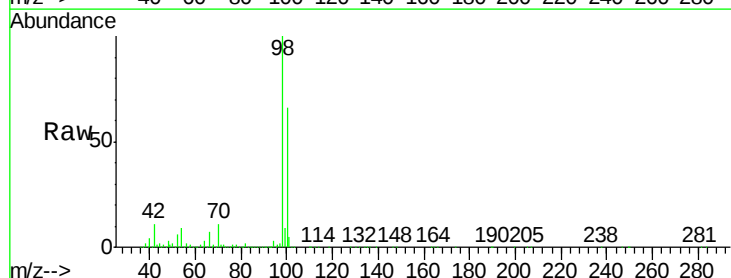
RT: 8.70 min Scan# 1248

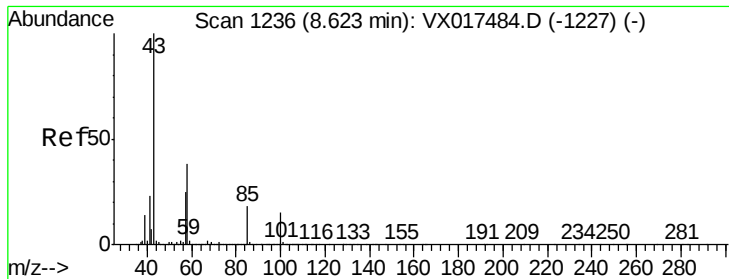
Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion:	98	Resp:	924610
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 233.104 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1923303

Ion Ratio Lower Upper

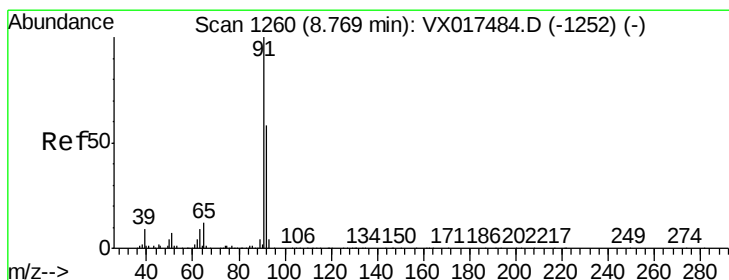
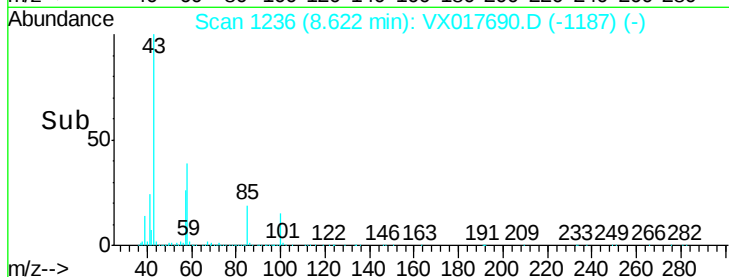
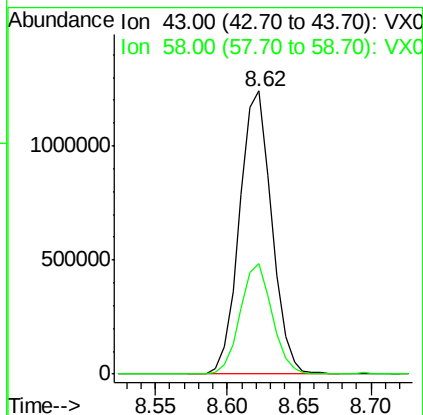
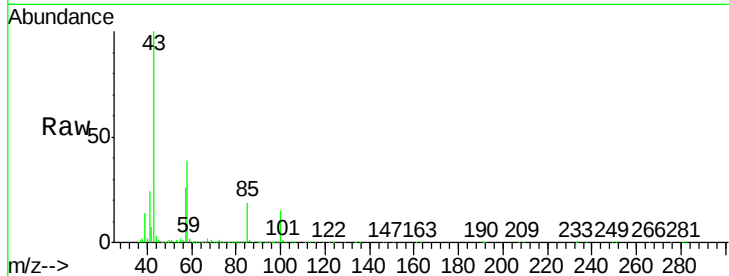
43 100

58 38.6 31.0 46.4

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#52

Toluene

Concen: 46.615 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017690.D

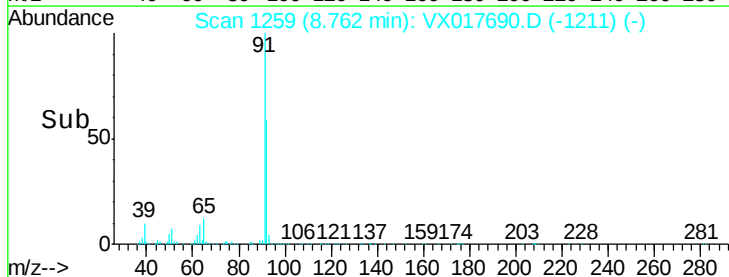
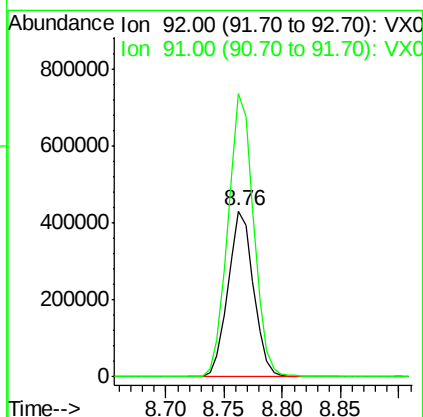
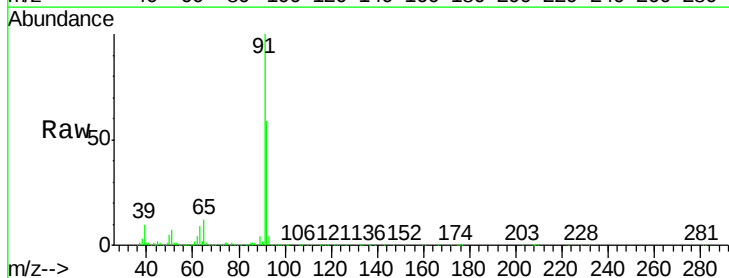
Acq: 31 Jul 2020 10:27

Tgt Ion: 92 Resp: 656514

Ion Ratio Lower Upper

92 100

91 172.4 137.6 206.4





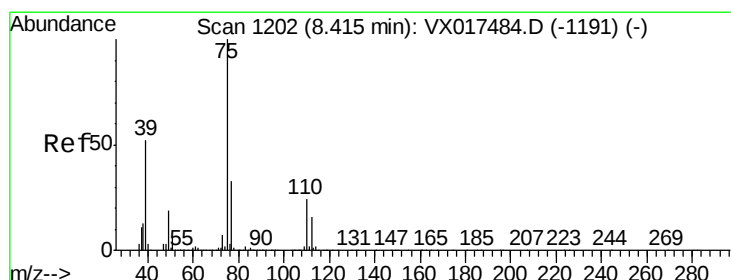
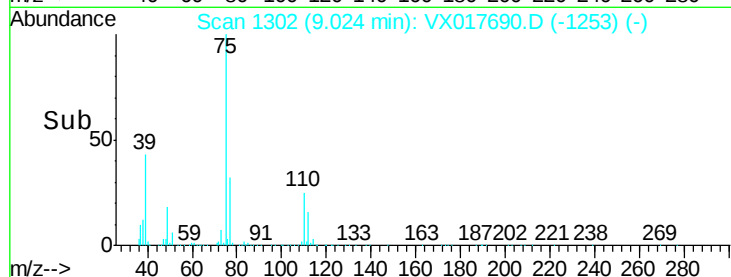
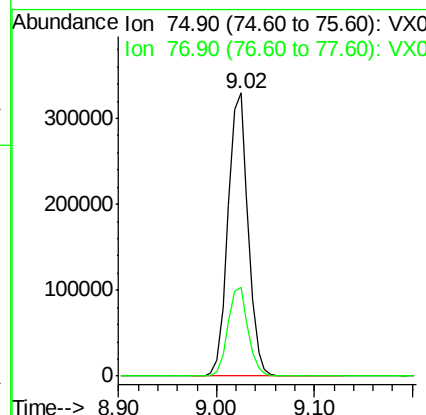
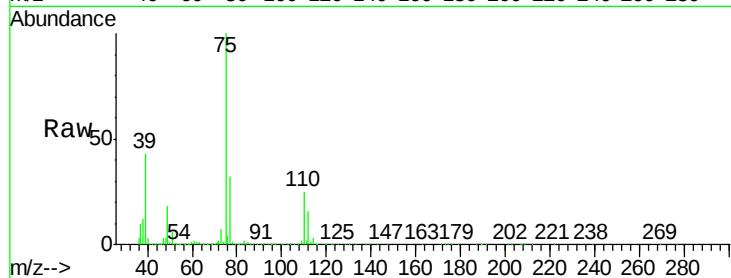
#53
t-1,3-Dichloropropene
Concen: 48.452 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

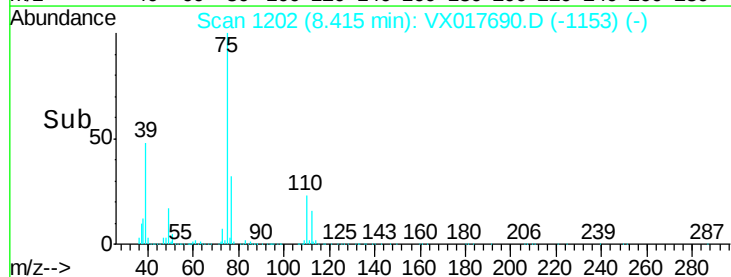
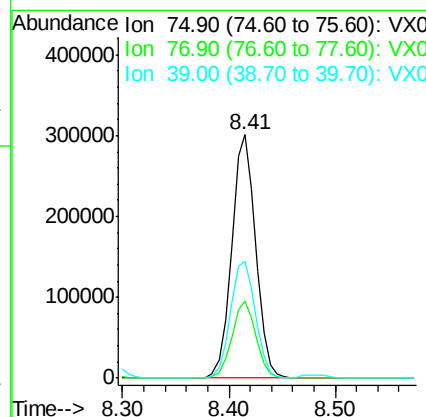
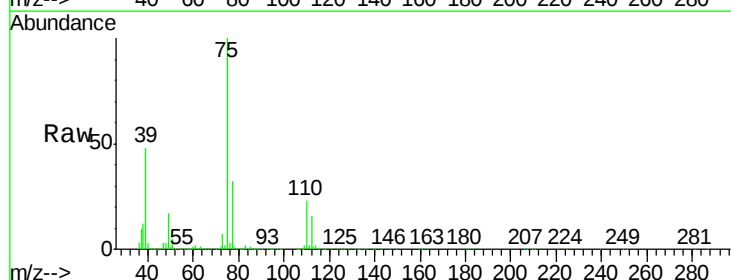
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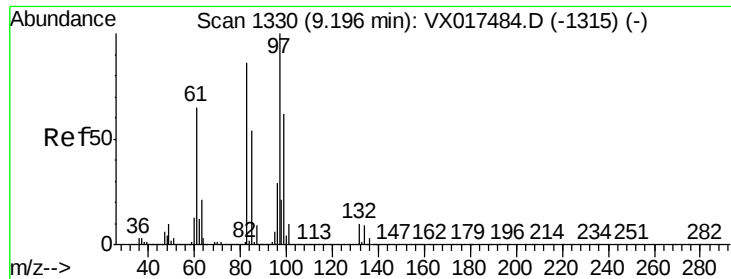
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.963 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3
39	48.0	41.8	62.8





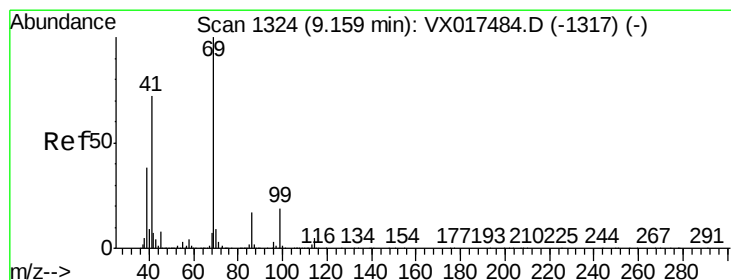
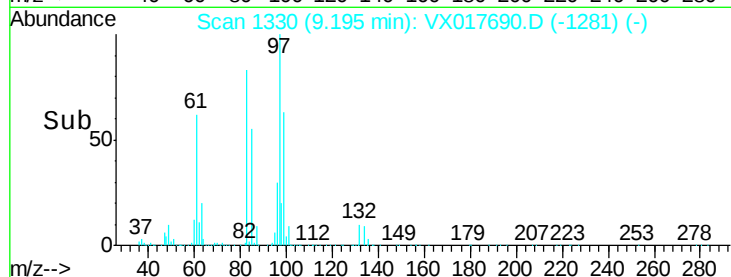
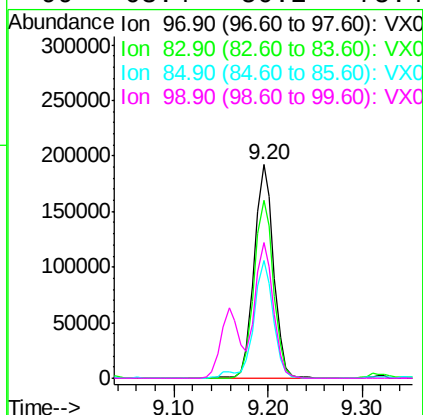
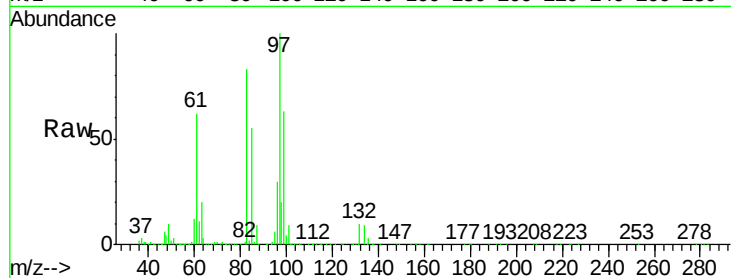
#55
 1,1,2-Trichloroethane
 Concen: 47.848 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		280720		
83	83.4	67.6	101.4		
85	55.3	44.6	67.0		
99	63.4	50.2	75.4		

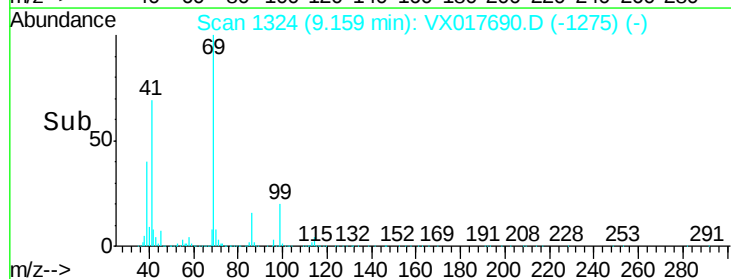
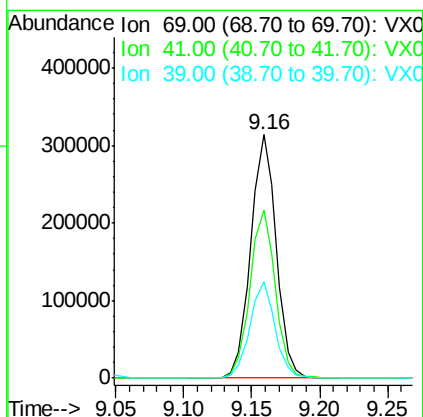
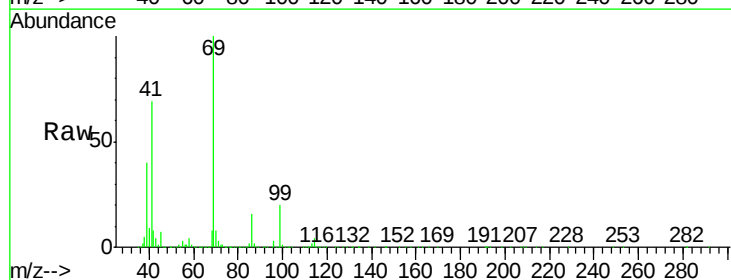
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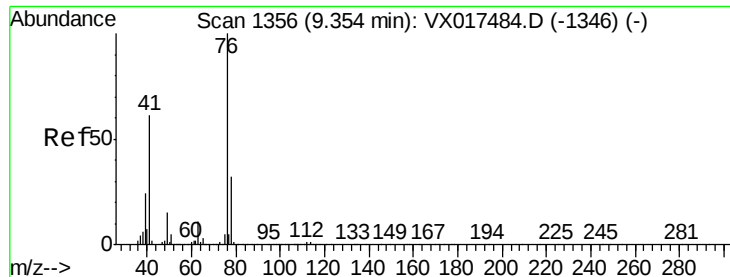
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#56
 Ethyl methacrylate
 Concen: 46.712 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		412891		
41	68.8	55.0	82.6		
39	38.9	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 46.833 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 452432

Ion Ratio Lower Upper

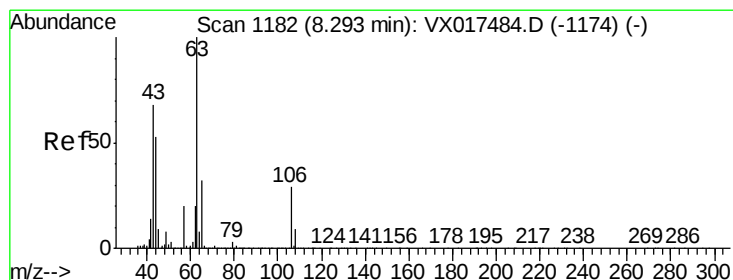
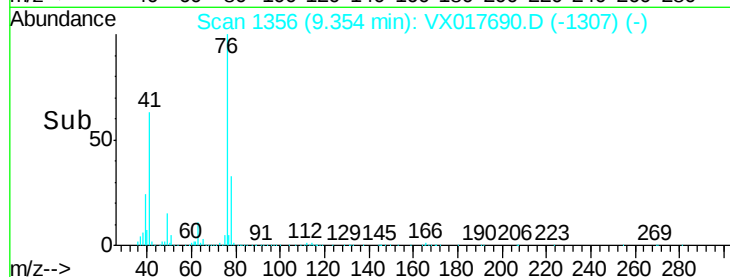
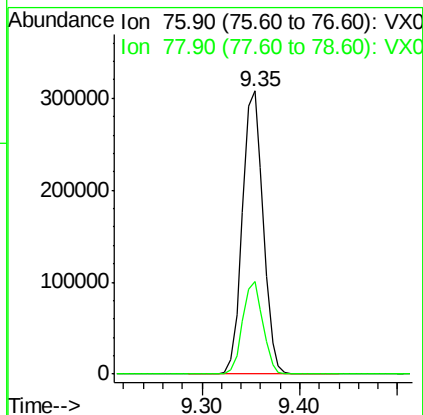
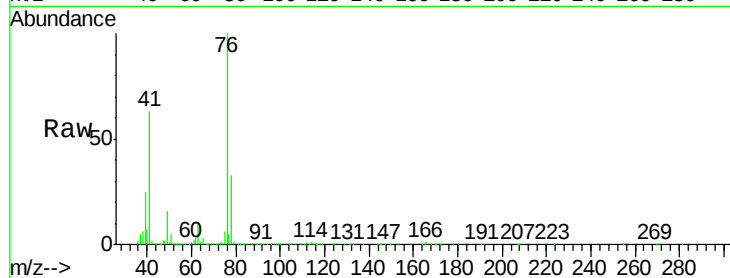
76 100

78 32.3 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 221.301 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017690.D

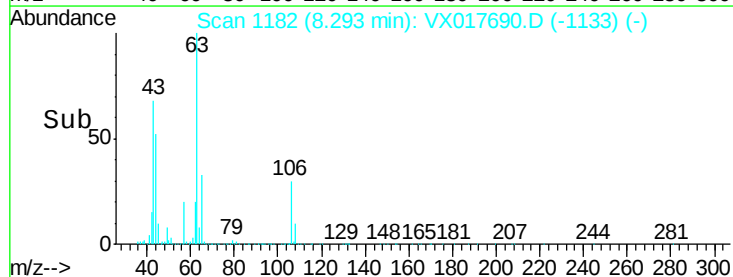
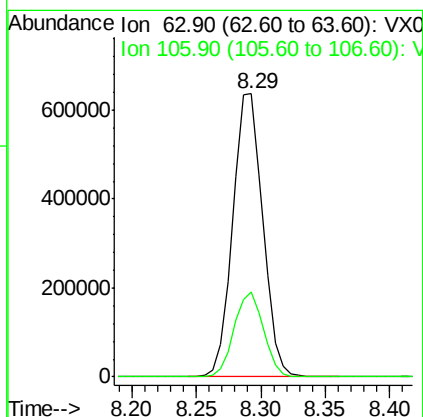
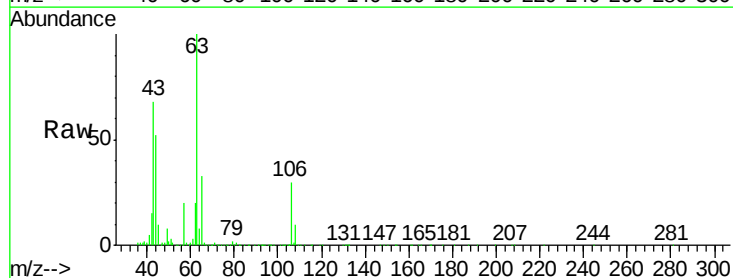
Acq: 31 Jul 2020 10:27

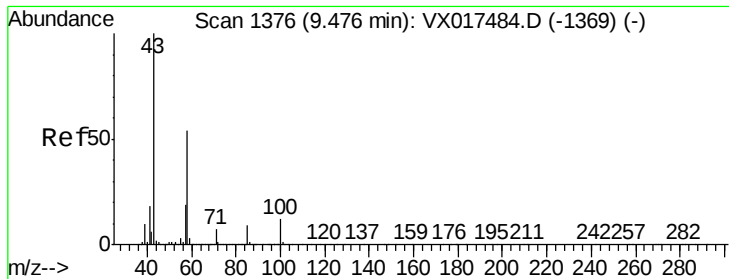
Tgt Ion: 63 Resp: 1030551

Ion Ratio Lower Upper

63 100

106 29.3 22.6 34.0





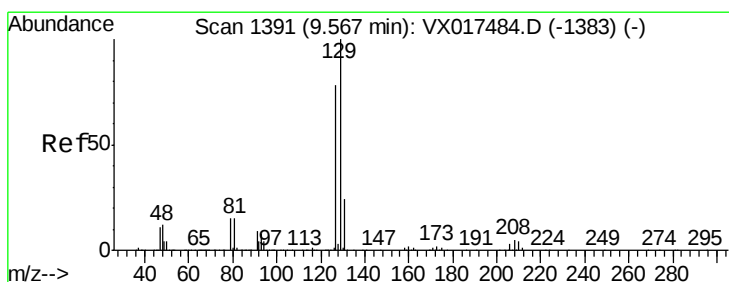
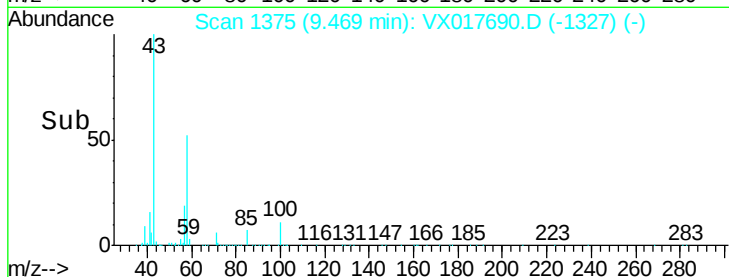
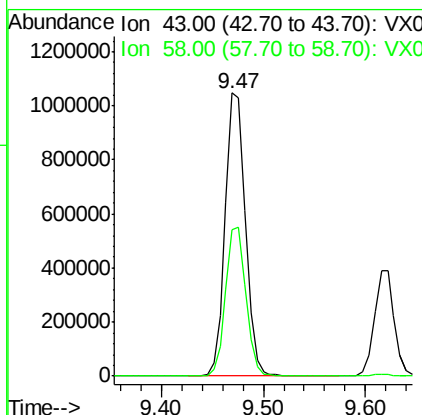
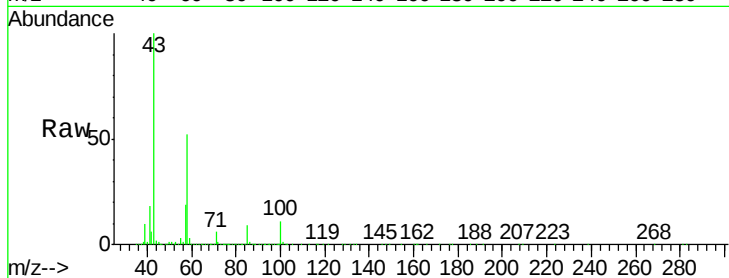
#59
2-Hexanone
Concen: 232.354 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1443370
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.8

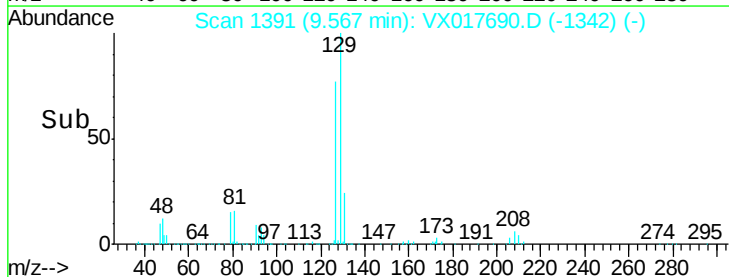
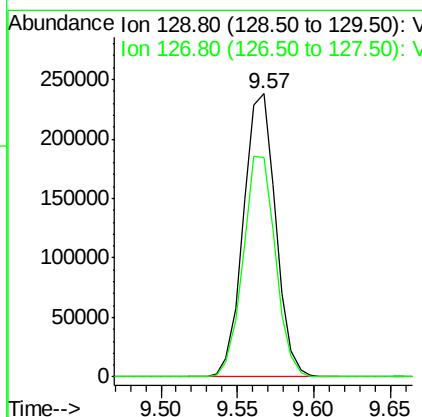
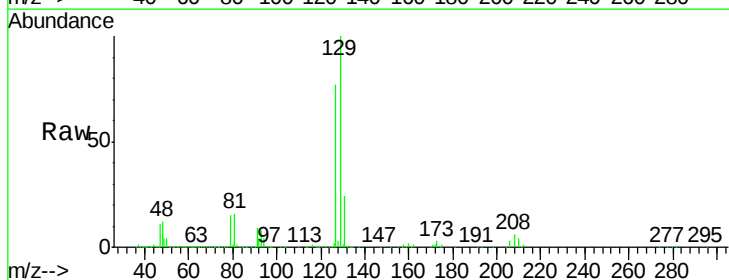
Manual Integrations
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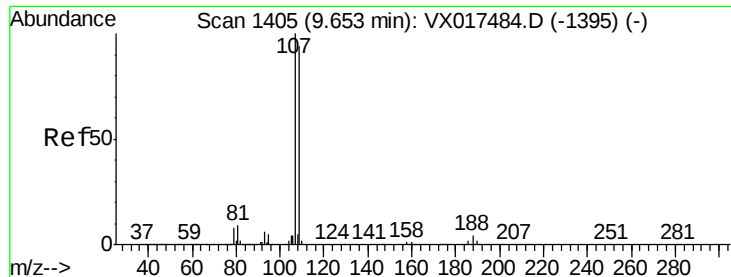
MMDadoda
8/3/2020 5:02:23 PM



#60
Dibromochloromethane
Concen: 46.773 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion:129 Resp: 348782
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.070 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 294011

Ion Ratio Lower Upper

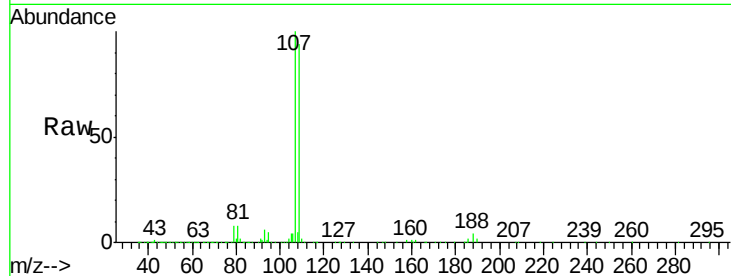
107 100

109 95.3 74.9 112.3

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

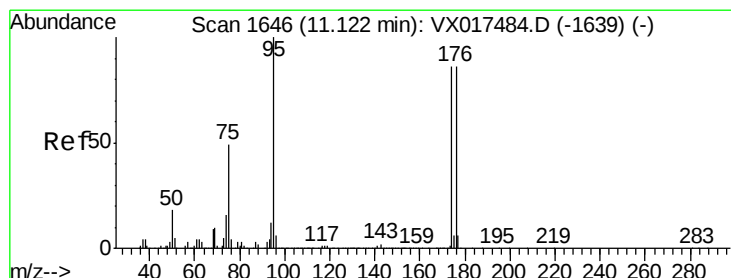
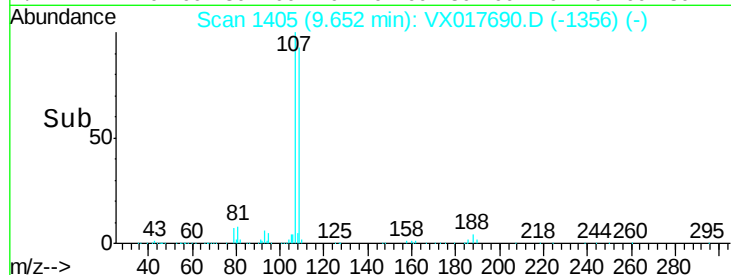
100000

50000

0

9.60 9.65 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.991 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

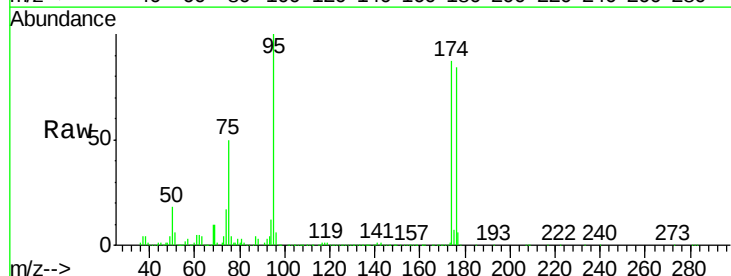
Tgt Ion: 95 Resp: 393226

Ion Ratio Lower Upper

95 100

174 87.2 0.0 169.0

176 81.9 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

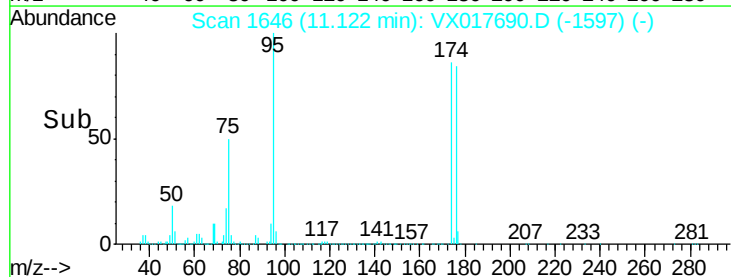
200000

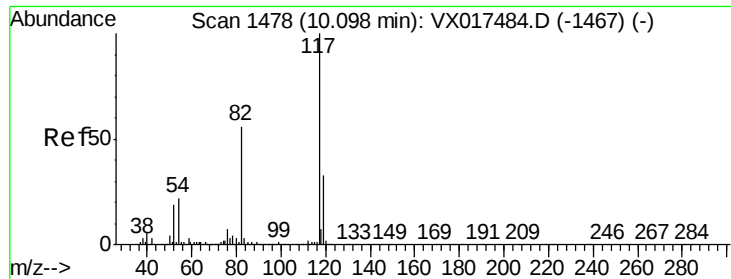
100000

0

11.05 11.10 11.15 11.20

Time-->





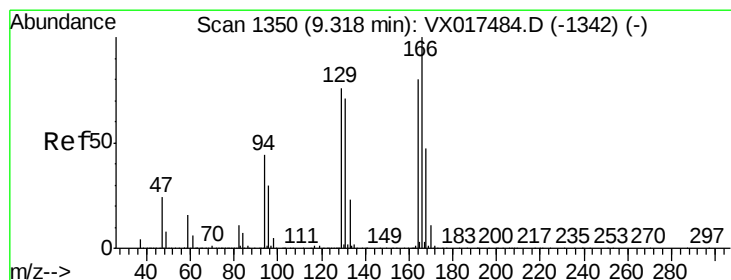
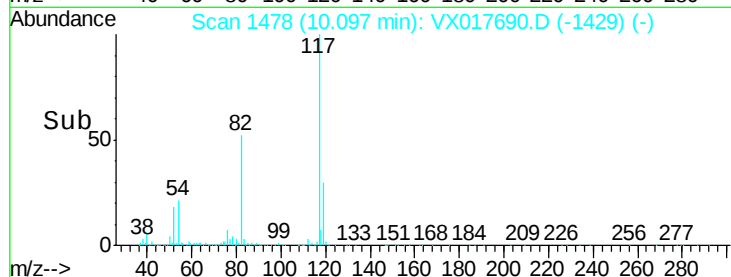
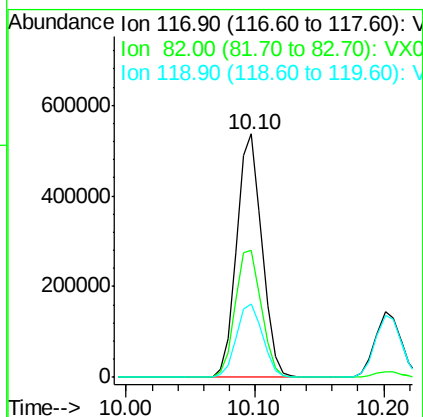
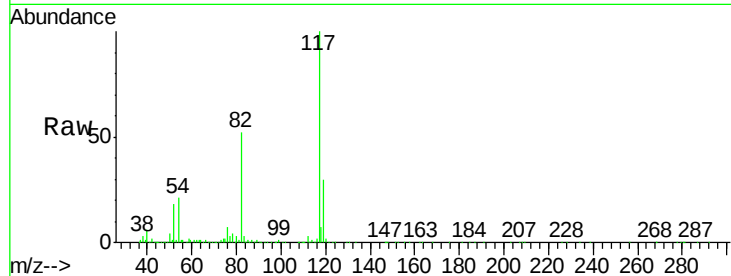
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.2	44.0	66.0
119	30.0	25.4	38.0

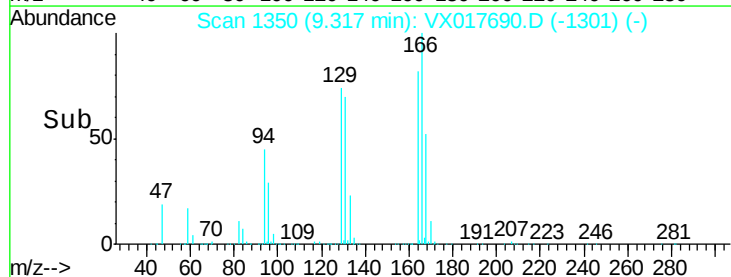
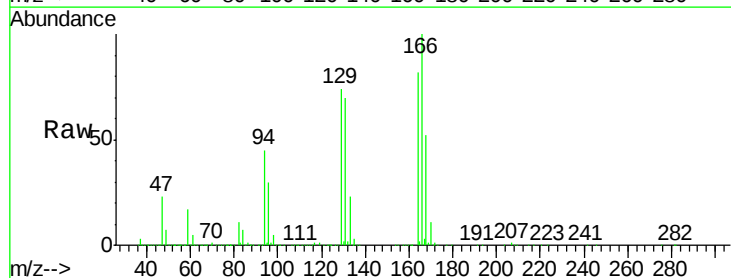
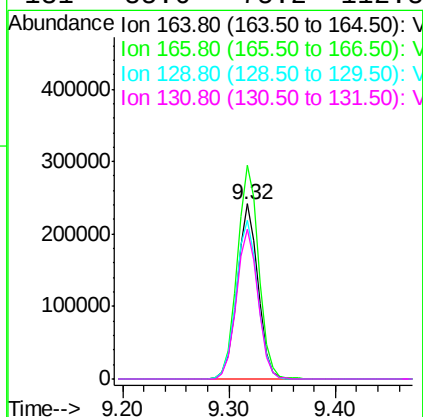
Manual Integrations
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#64
Tetrachloroethene
Concen: 50.650 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	122.1	100.6	150.8
129	90.7	75.0	112.6
131	85.6	75.2	112.8





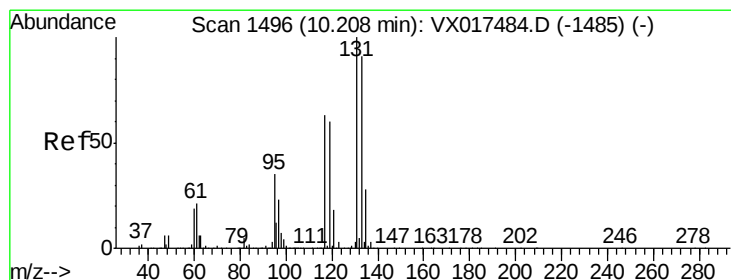
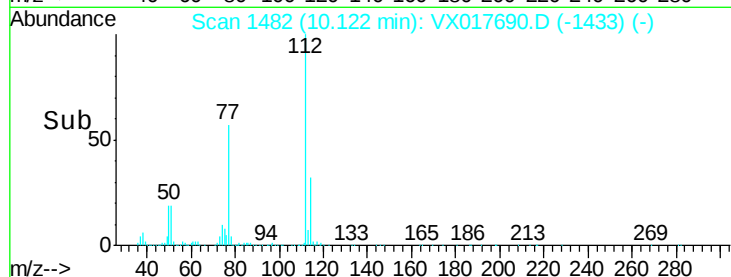
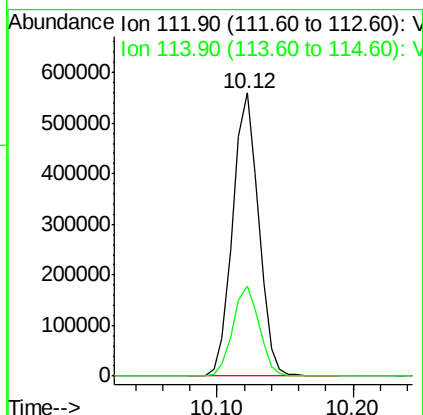
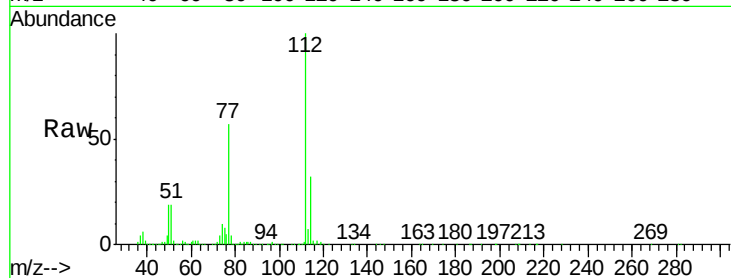
#65
Chlorobenzene
Concen: 47.028 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.7	38.5

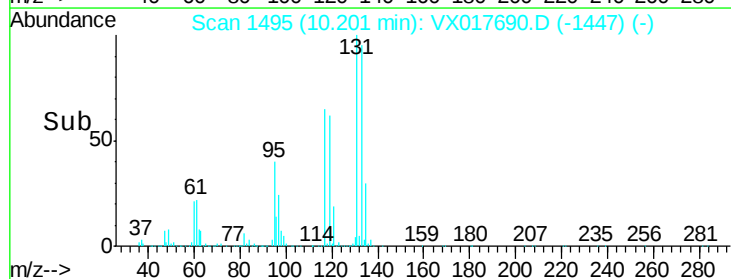
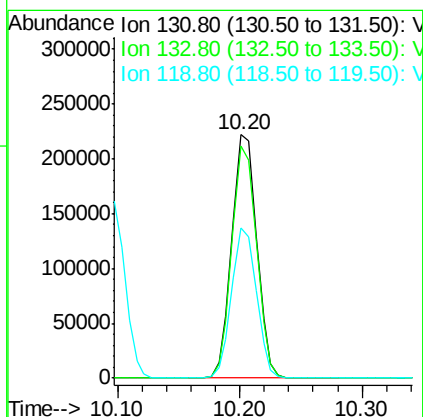
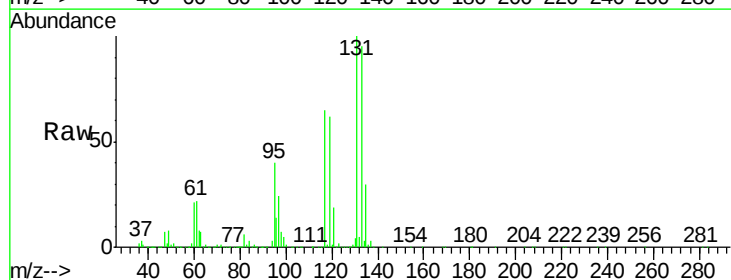
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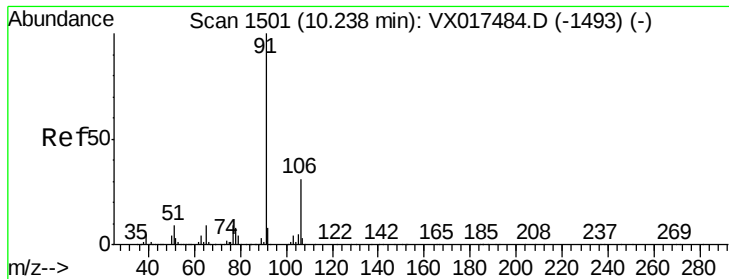
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.074 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.9	143.6
119	61.5	31.1	93.3





#67

Ethyl Benzene

Concen: 49.913 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1318158

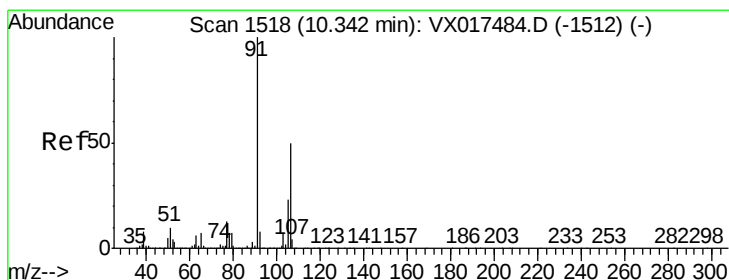
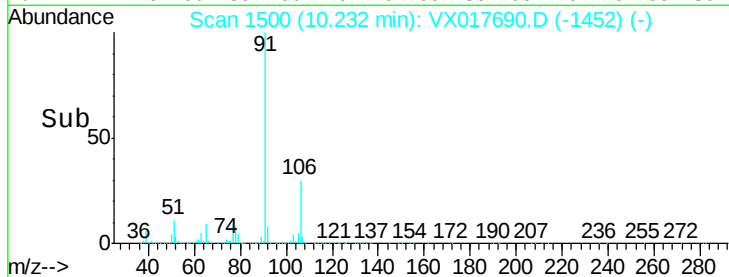
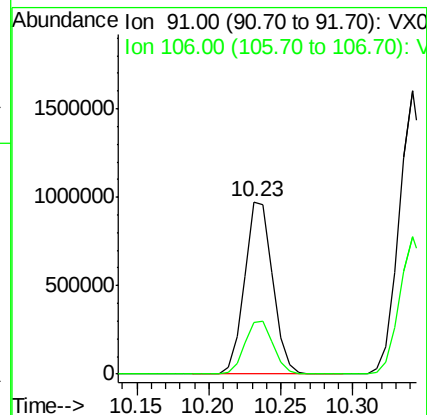
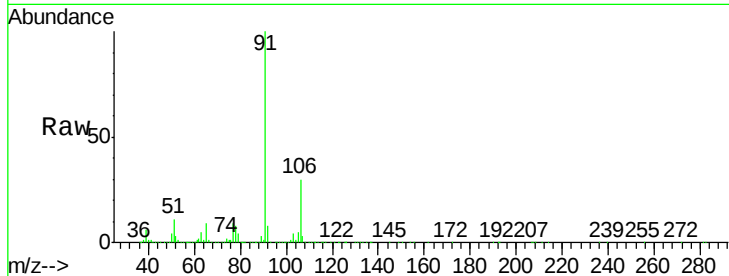
Ion Ratio Lower Upper

91 100

106 30.2 25.8 38.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 100.797 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017690.D

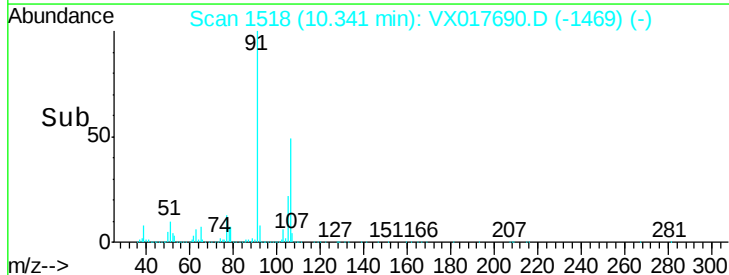
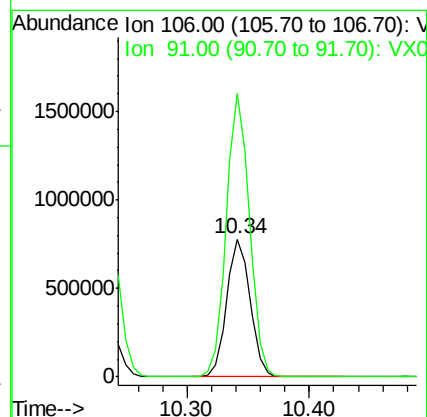
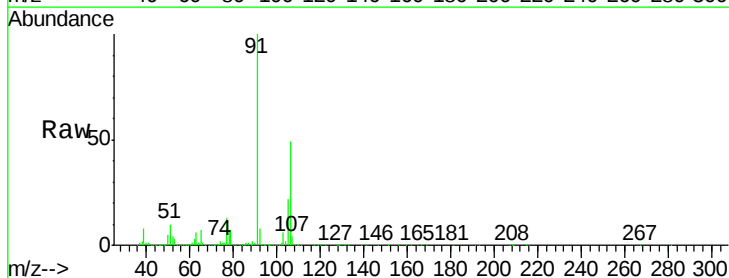
Acq: 31 Jul 2020 10:27

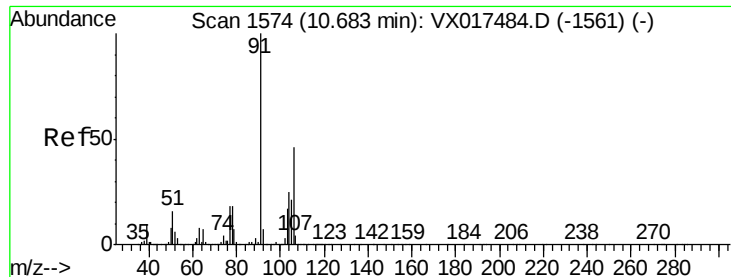
Tgt Ion: 106 Resp: 1031228

Ion Ratio Lower Upper

106 100

91 204.3 160.9 241.3





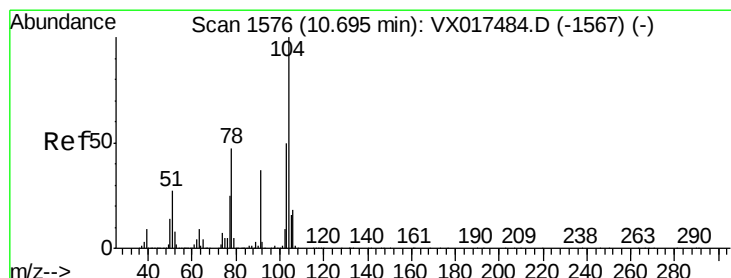
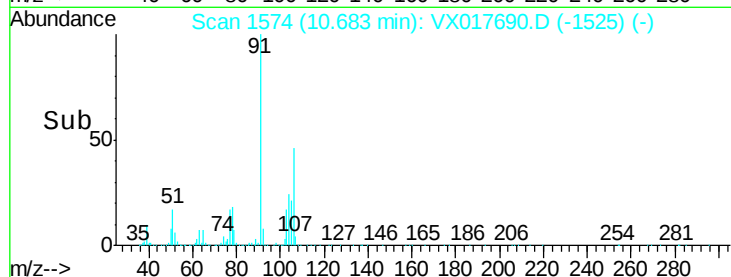
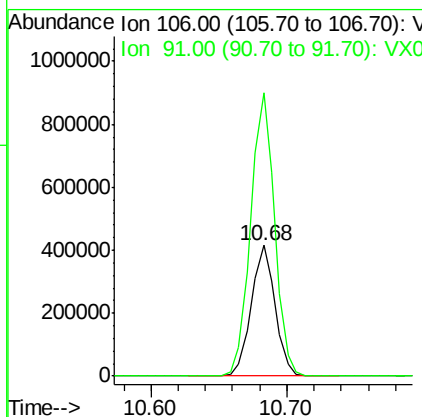
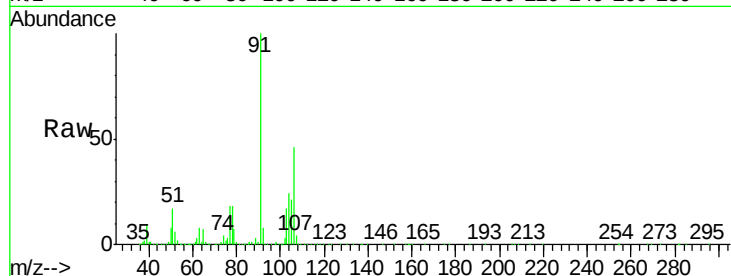
#69
o-Xylene
Concen: 51.927 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.0	108.2	324.6

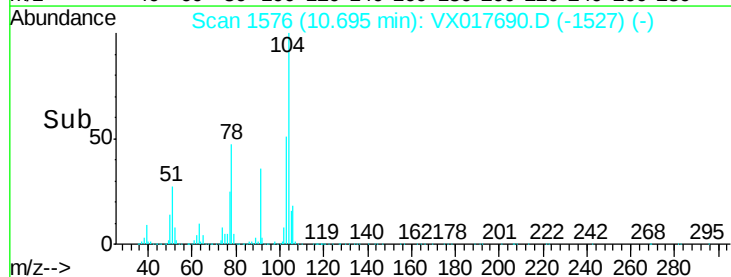
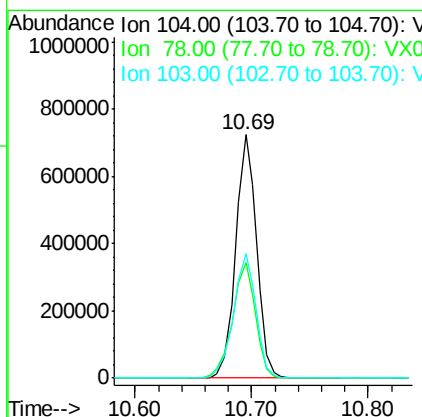
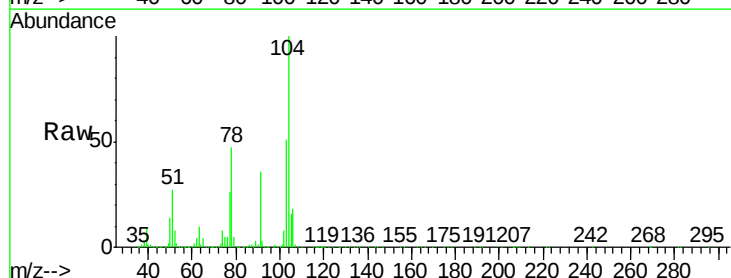
Manual Integrations
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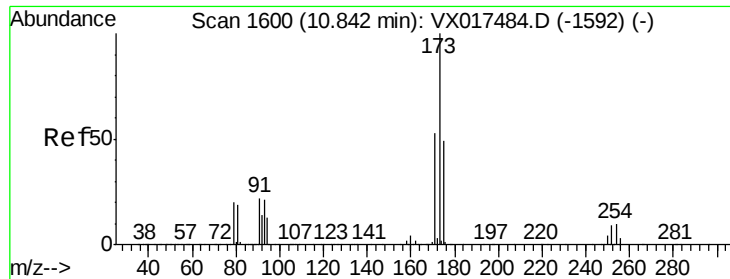
MMDadoda
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#70
Styrene
Concen: 54.201 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.9	42.5	63.7
103	55.2	44.3	66.5





#71

Bromoform

Concen: 51.151 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

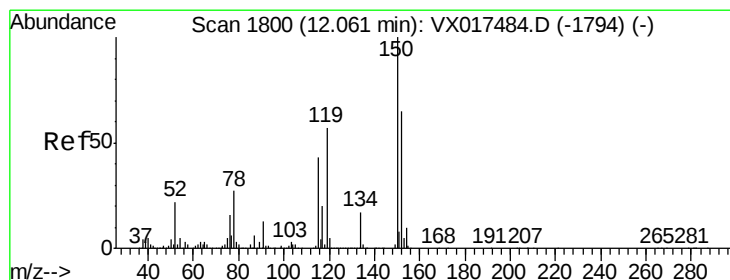
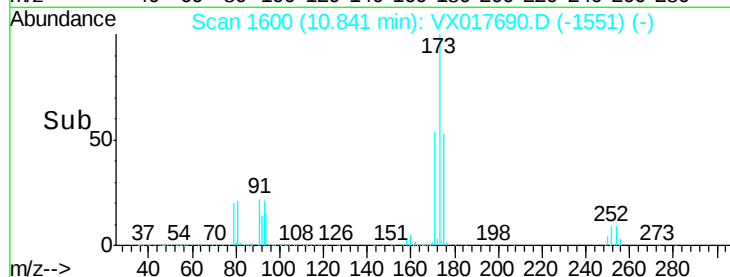
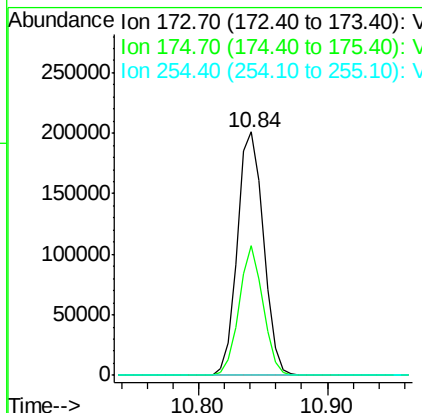
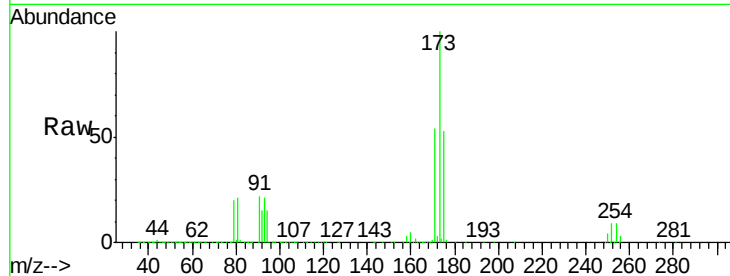
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	282957
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.8	71.5
254	0.2	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

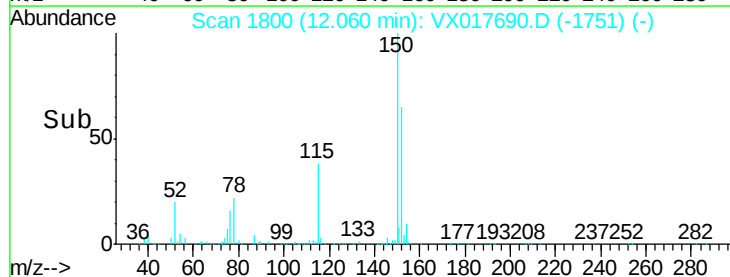
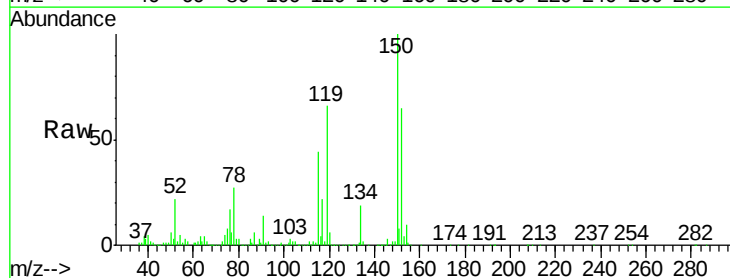
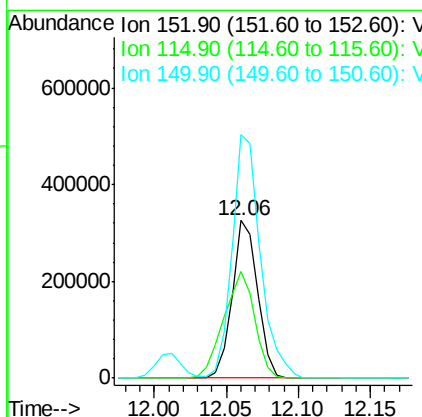
RT: 12.06 min Scan# 1800

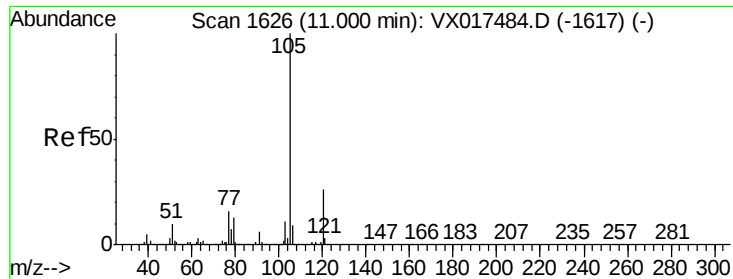
Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion:	152	Resp:	401785
Ion Ratio	Lower	Upper	
152	100		
115	82.8	65.5	196.6
150	172.6	0.0	412.6





#73

Isopropylbenzene

Concen: 51.725 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1425699

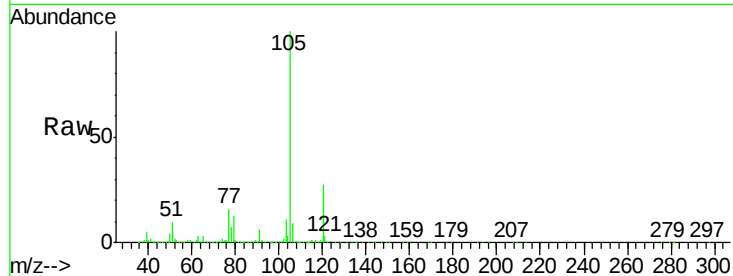
Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8

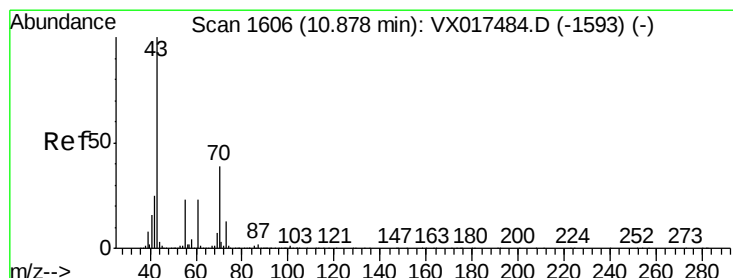
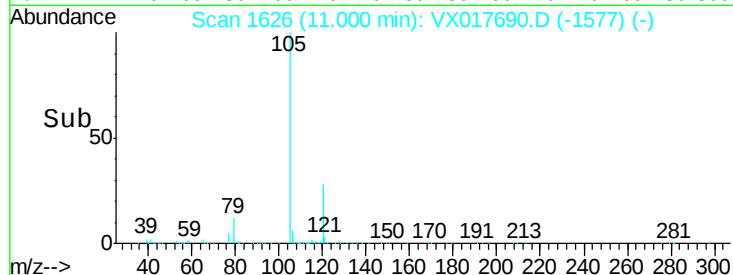
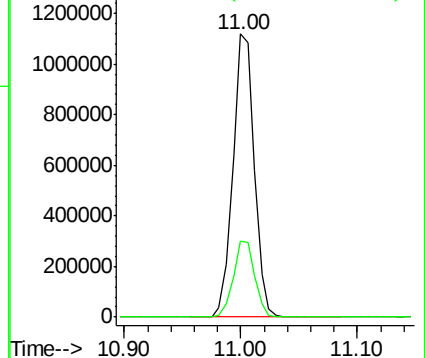
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.450 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion: 43 Resp: 593347

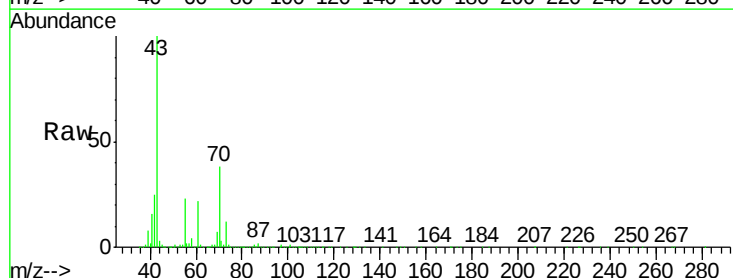
Ion Ratio Lower Upper

43 100

70 40.6 32.3 48.5

55 23.7 18.4 27.6

61 23.5 18.6 28.0

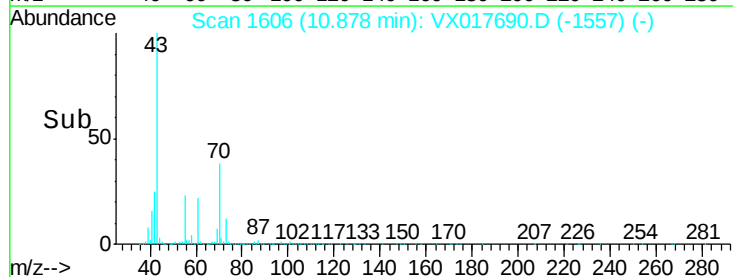
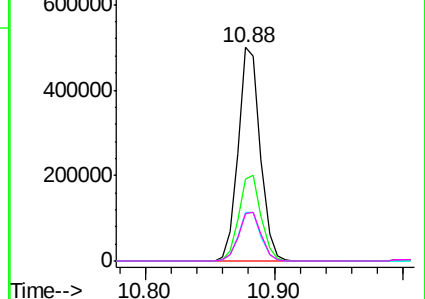


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.947 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

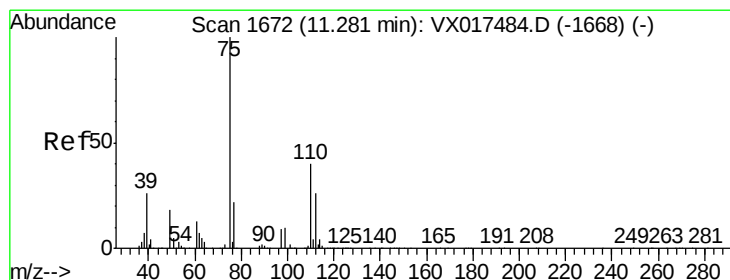
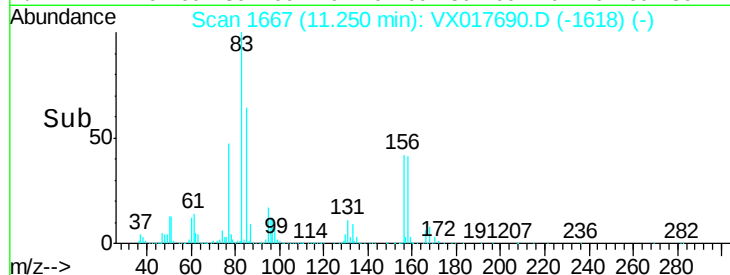
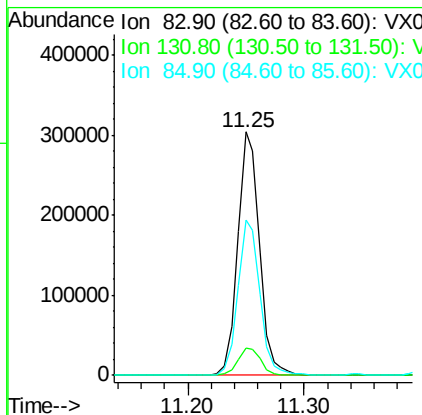
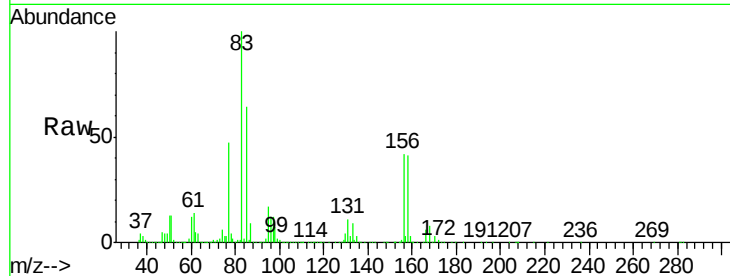
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	395299
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.5	16.5
85	64.7	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.336 ug/l m

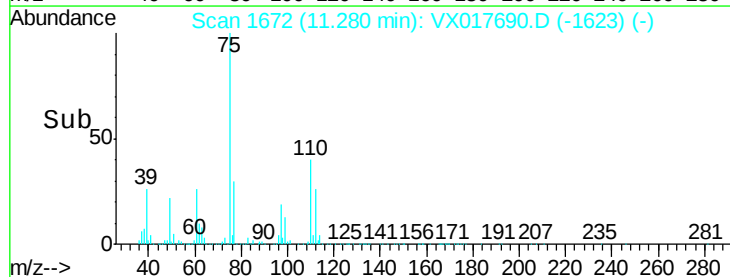
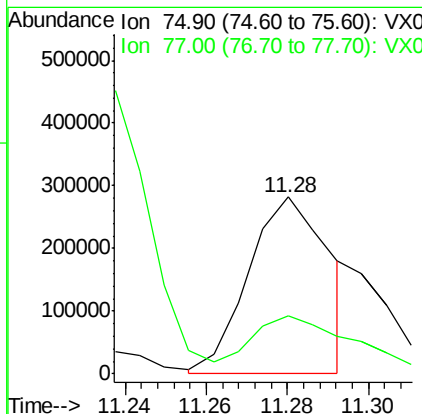
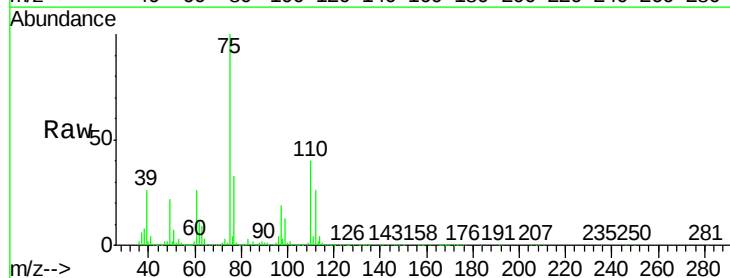
RT: 11.28 min Scan# 1672

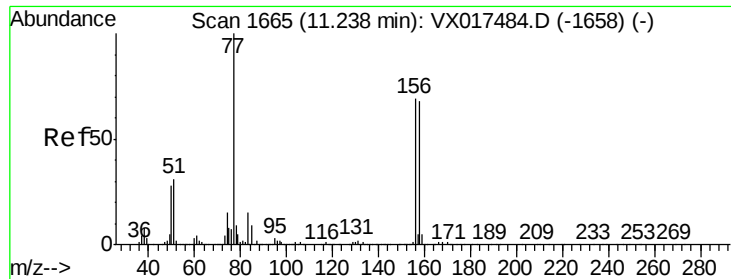
Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion:	75	Resp:	391225
Ion Ratio	Lower	Upper	
75	100		
77	41.8	21.8	65.3





#77

Bromobenzene

Concen: 49.237 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

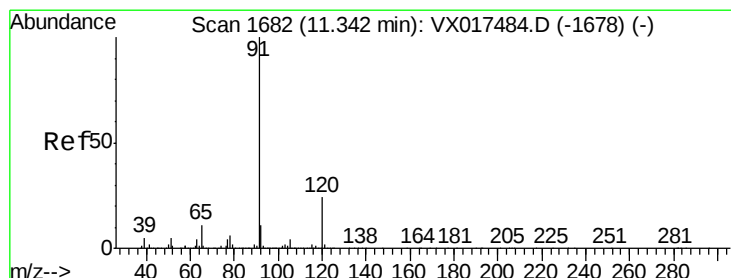
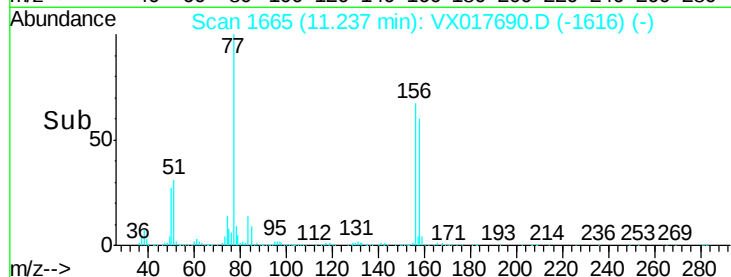
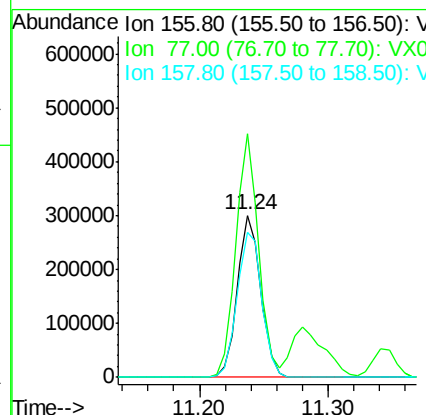
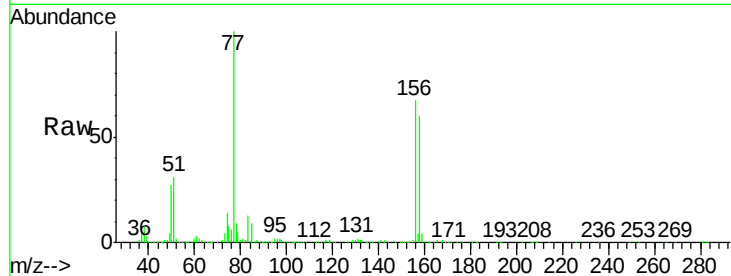
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	379930
Ion Ratio	Lower	Upper	
156	100		
77	147.1	75.0	225.0
158	95.0	49.1	147.3

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#78

n-propylbenzene

Concen: 50.863 ug/l

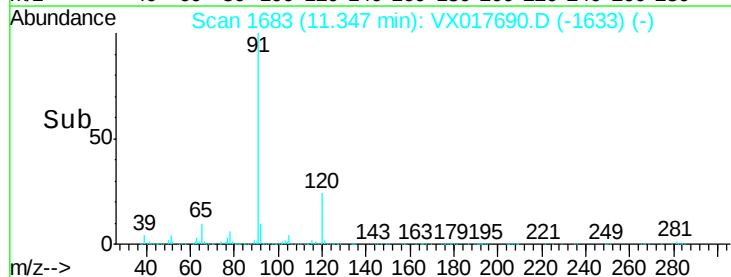
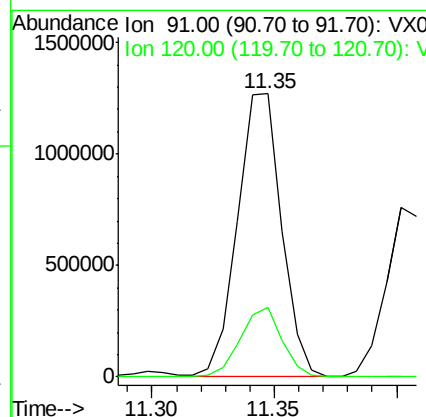
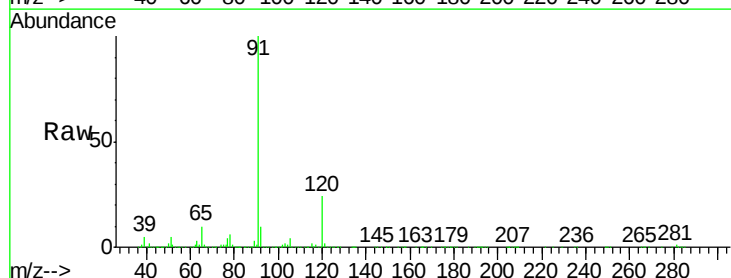
RT: 11.35 min Scan# 1683

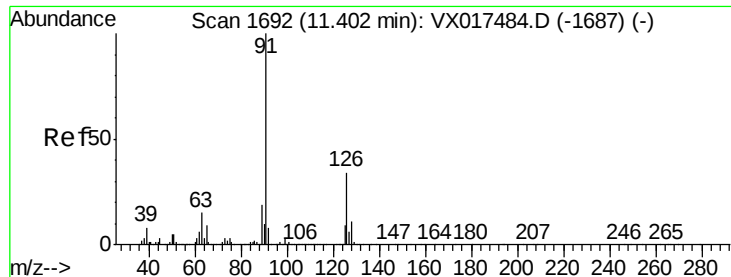
Delta R.T. 0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion:	91	Resp:	1581178
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.2	36.4





#79

2-Chlorotoluene

Concen: 49.595 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 955055

Ion Ratio Lower Upper

91 100

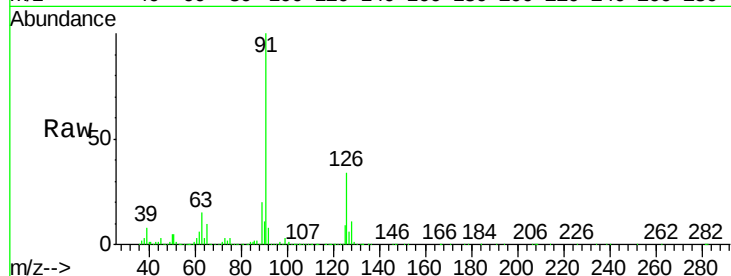
126 34.6 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX017690.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX017690.D (-1643) (-)

1500000

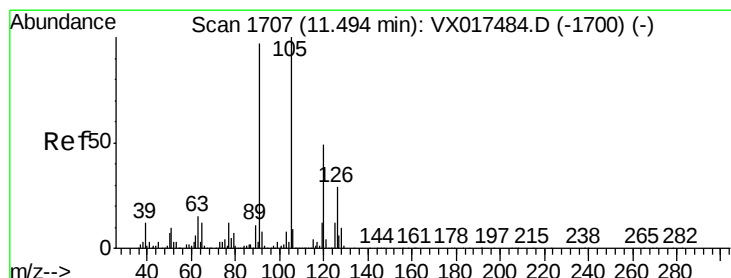
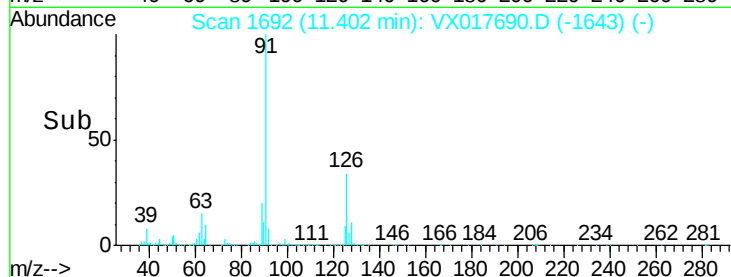
1000000

500000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.403 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017690.D

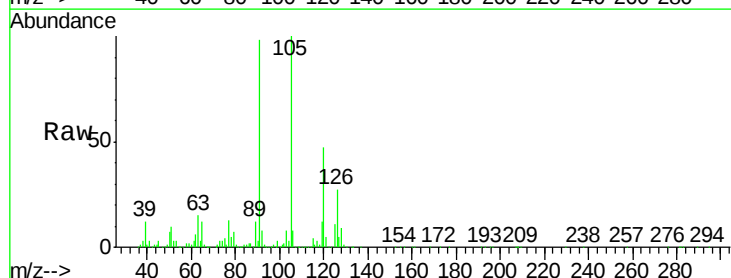
Acq: 31 Jul 2020 10:27

Tgt Ion: 105 Resp: 1209695

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017690.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX017690.D (-1658) (-)

1000000

800000

600000

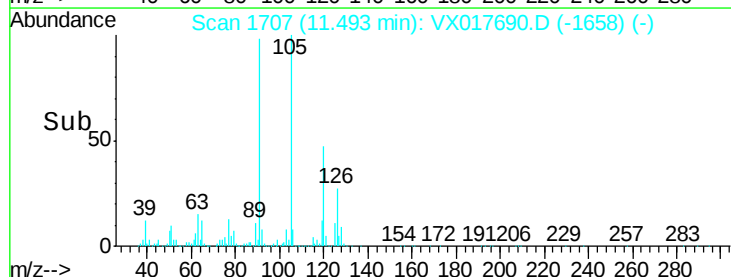
400000

200000

0

11.40 11.50 11.60

Time-->





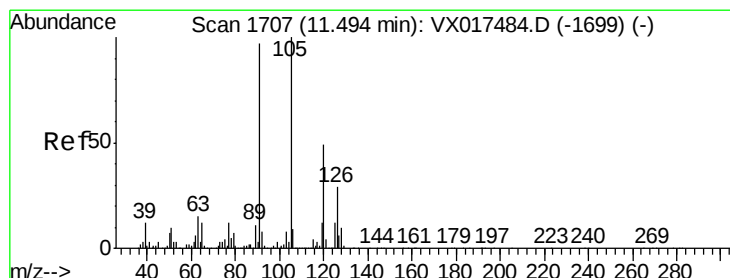
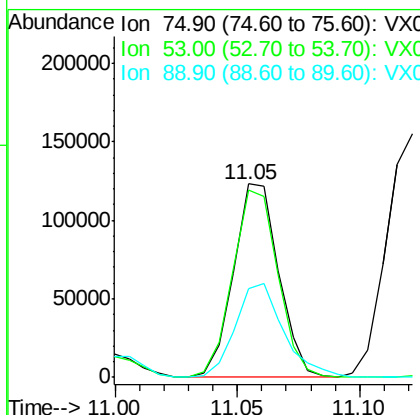
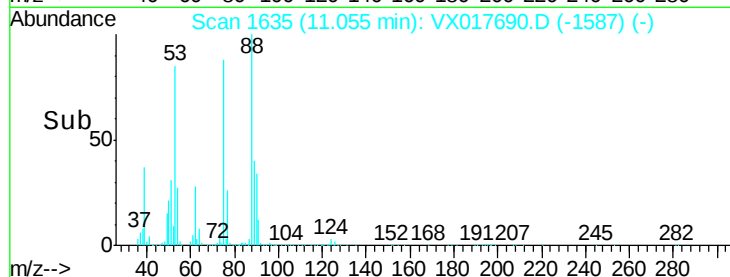
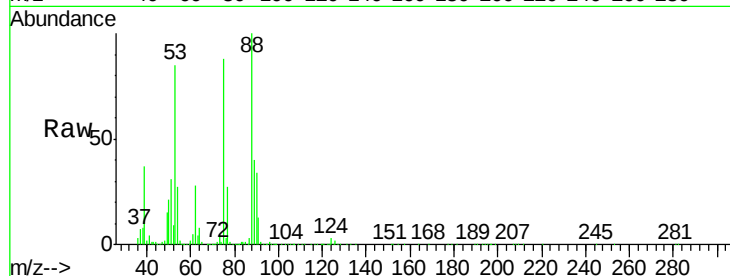
#81
trans-1,4-Dichloro-2-butene
Concen: 47.917 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	75.9	113.9
89	52.8	37.8	56.6

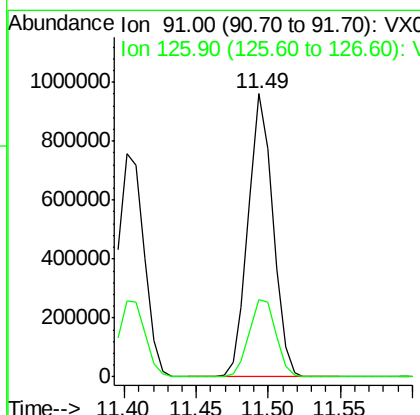
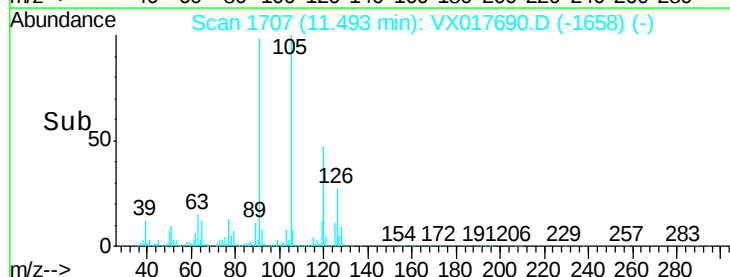
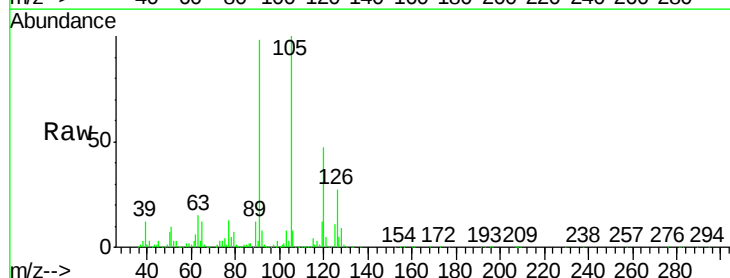
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#82
4-Chlorotoluene
Concen: 50.459 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	15.2	45.6





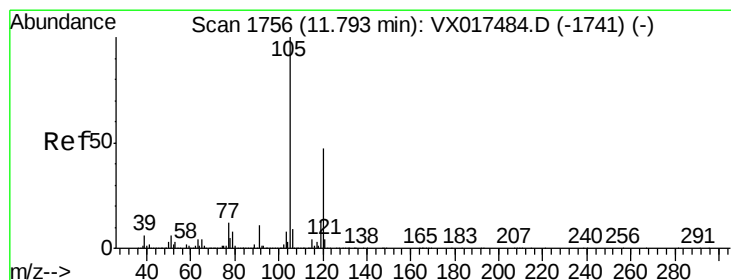
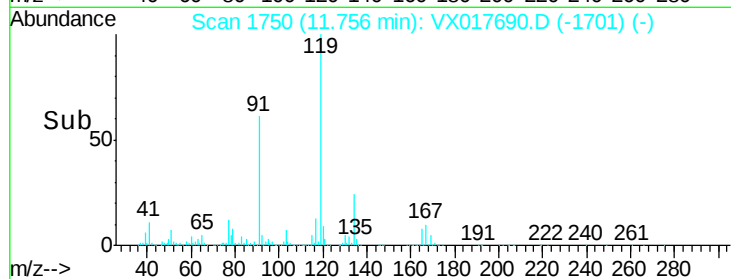
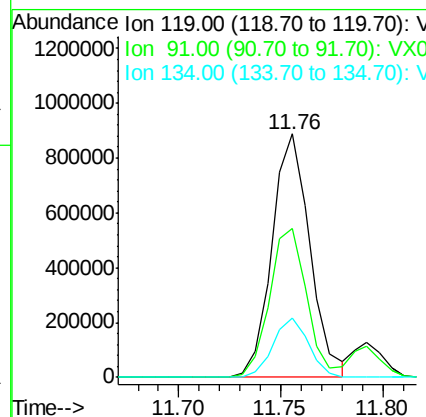
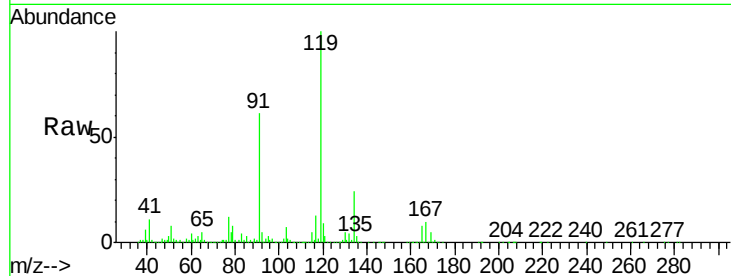
#83
tert-Butylbenzene
Concen: 51.129 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.3	88.0
134	23.1	11.2	33.6

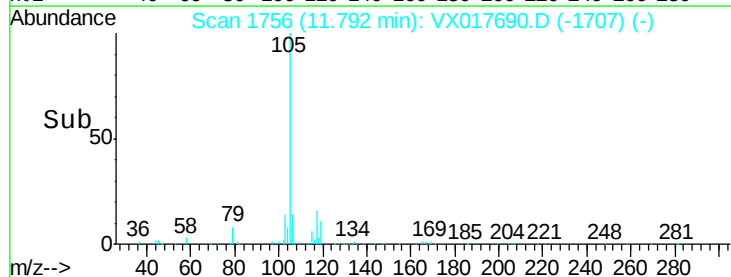
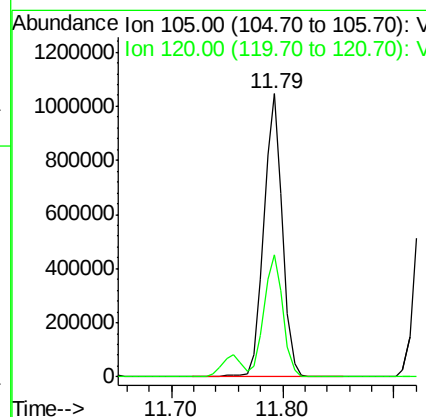
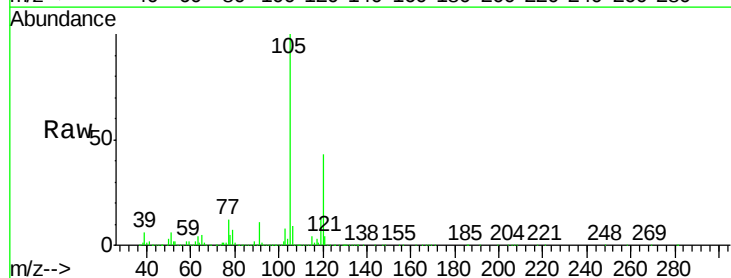
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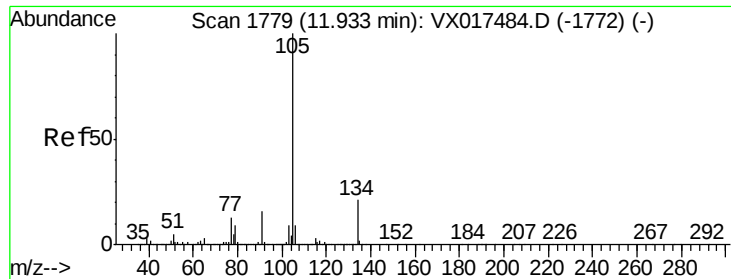
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#84
1,2,4-Trimethylbenzene
Concen: 51.829 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.7	68.0





#85

sec-Butylbenzene

Concen: 51.980 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1363538

Ion Ratio Lower Upper

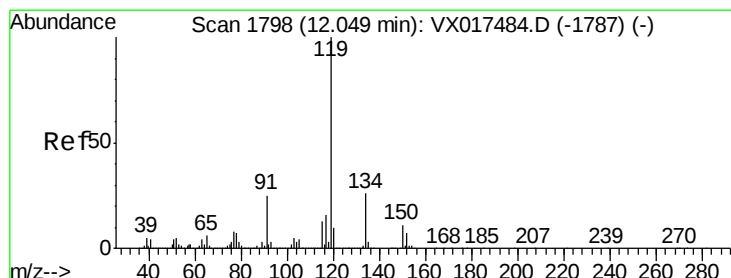
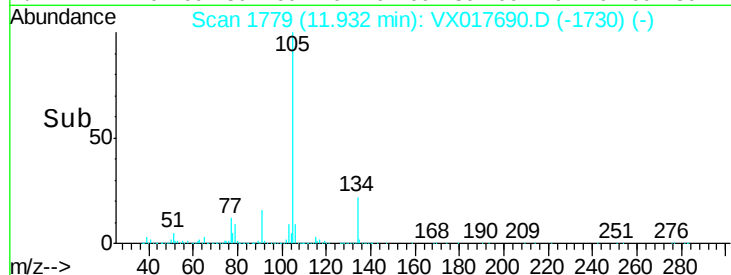
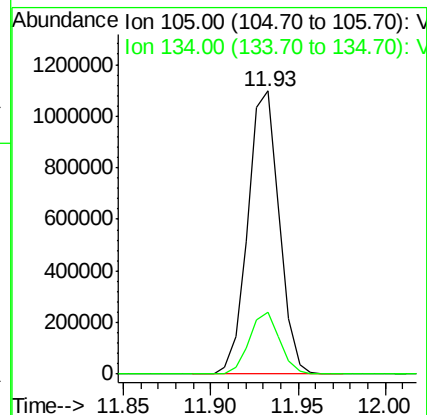
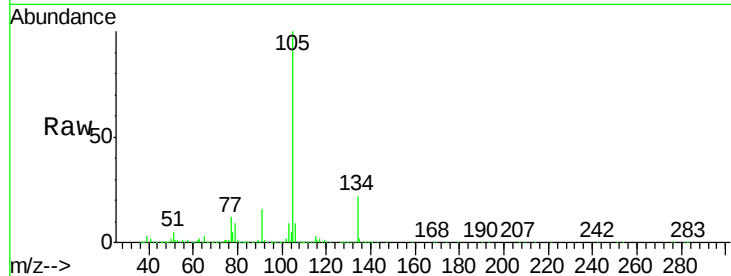
105 100

134 21.2 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 50.321 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

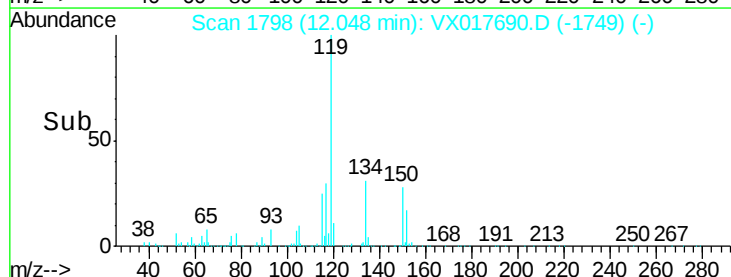
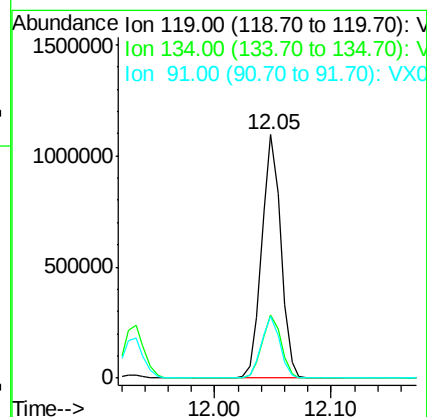
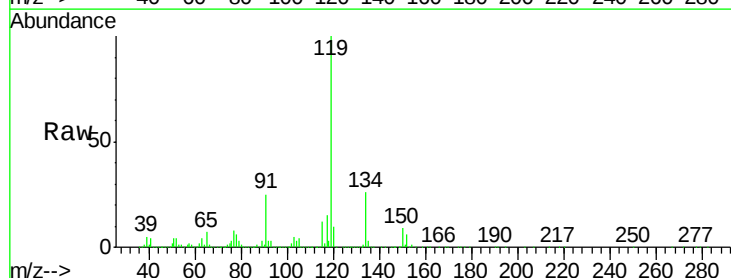
Tgt Ion:119 Resp: 1257062

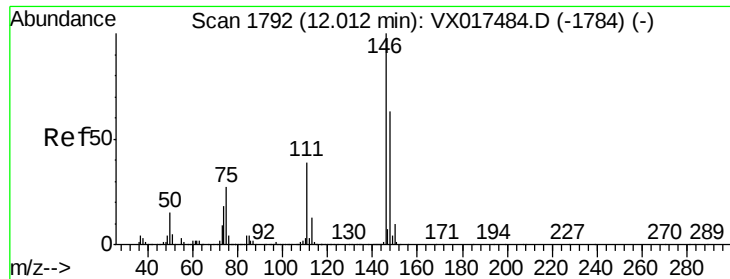
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.8 12.1 36.3





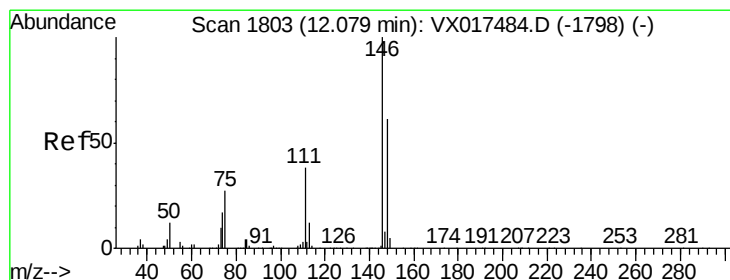
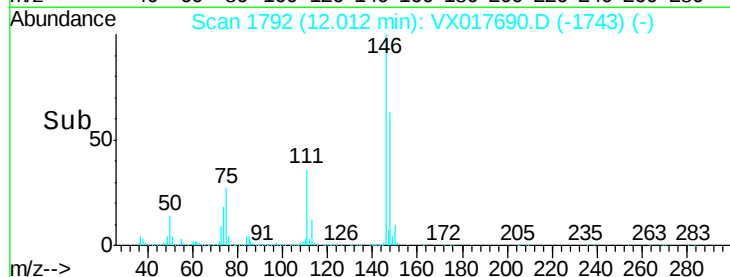
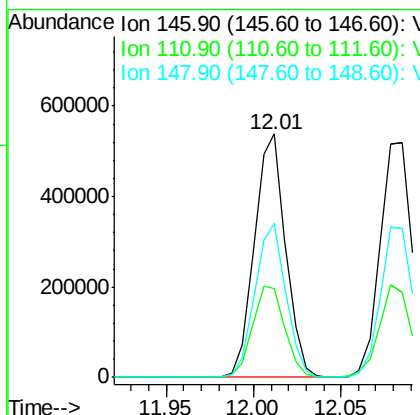
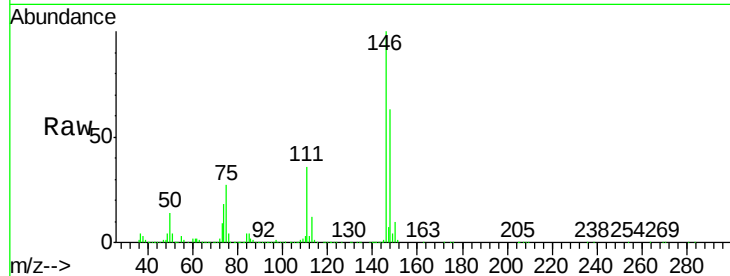
#87
 1,3-Dichlorobenzene
 Concen: 50.156 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.7
148	63.0	31.6	95.0

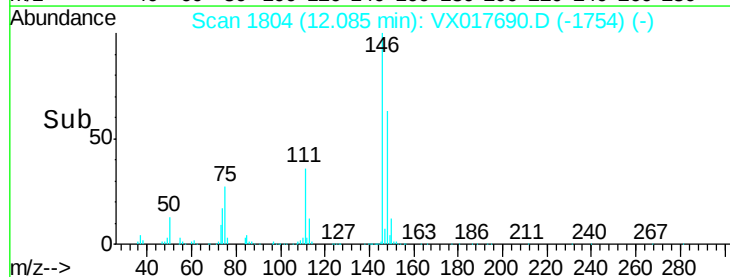
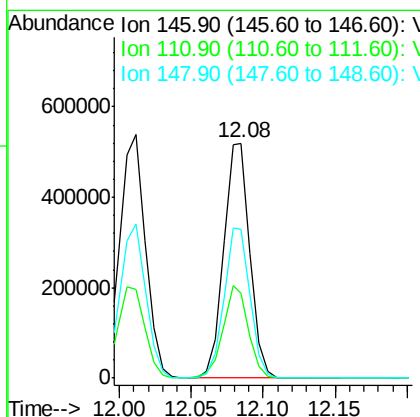
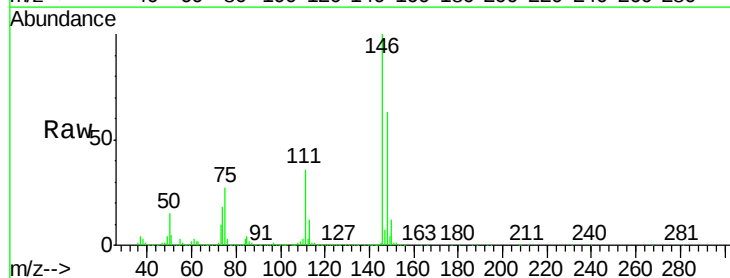
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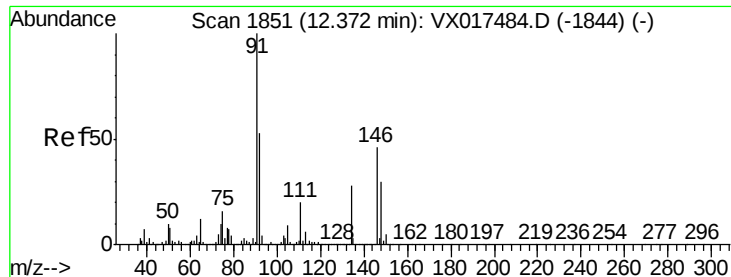
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#88
 1,4-Dichlorobenzene
 Concen: 48.233 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.1	32.2	96.6





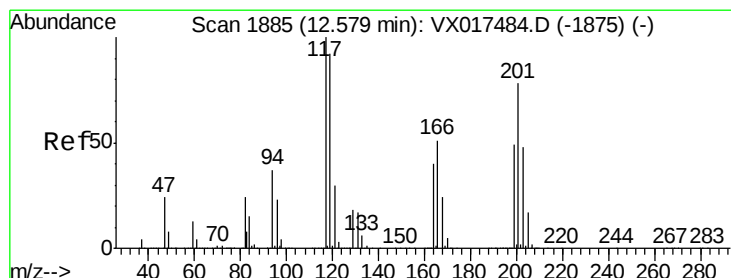
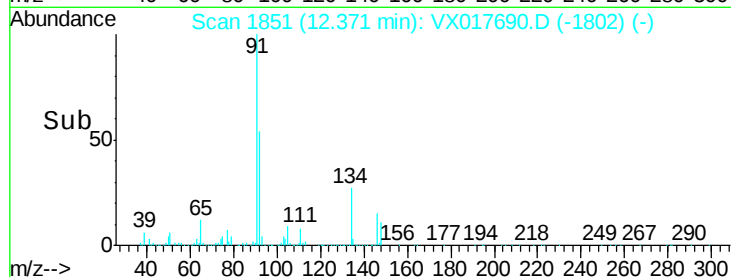
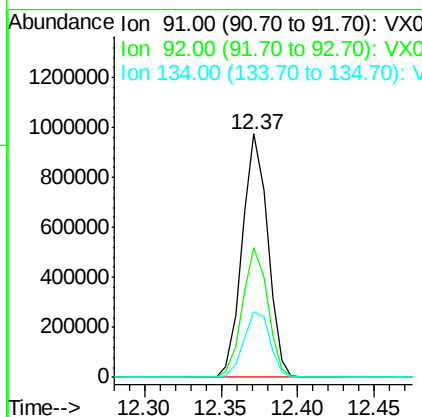
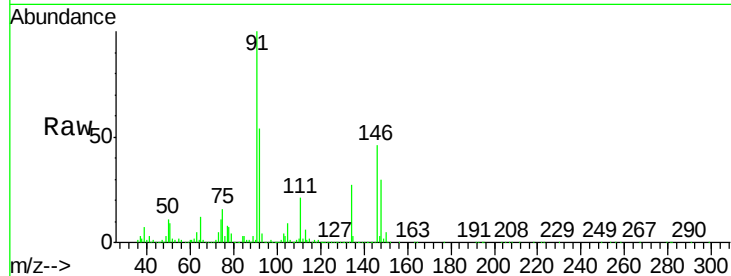
#89
n-Butylbenzene
Concen: 50.671 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.7	80.1
134	27.8	13.6	40.7

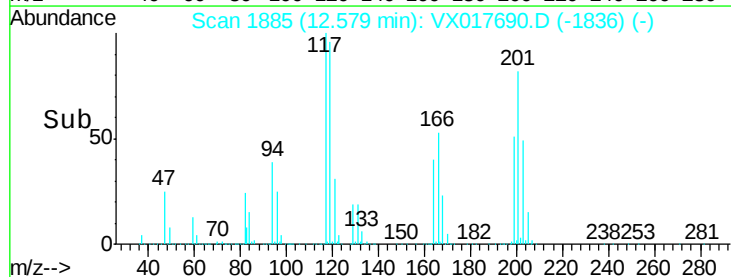
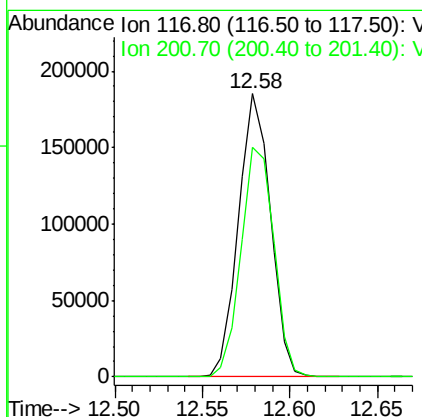
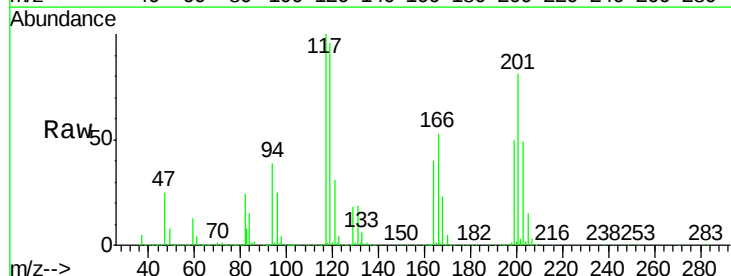
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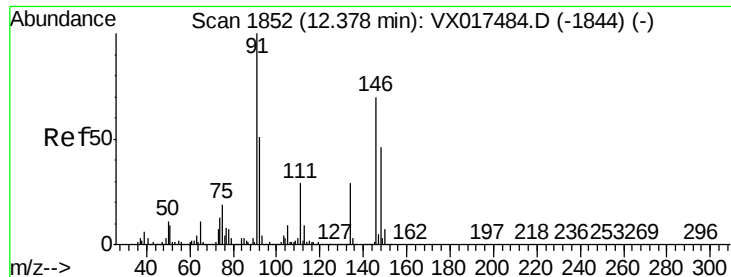
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#90
Hexachloroethane
Concen: 48.142 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 47.952 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

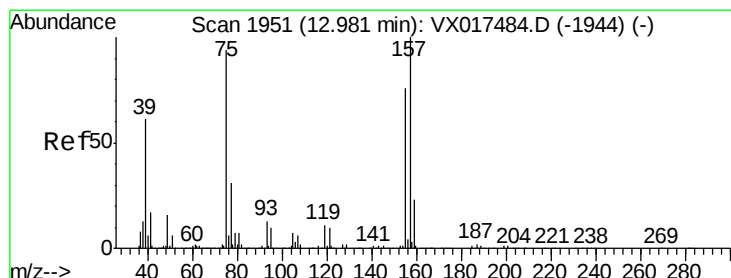
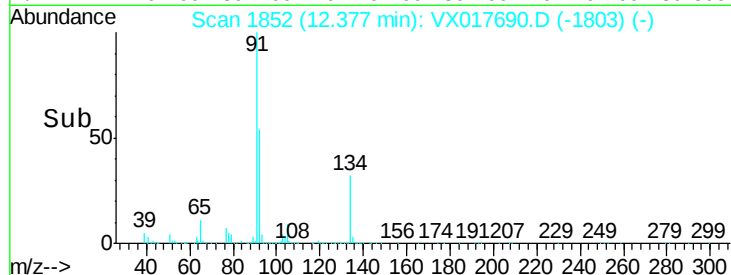
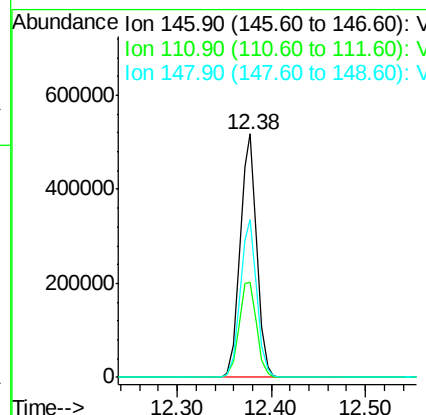
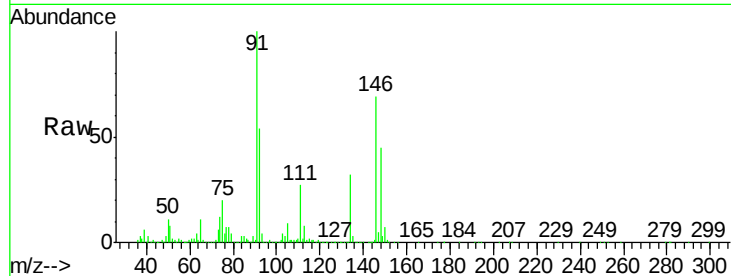
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	624503
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.9	62.8
148	64.3	32.8	98.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.024 ug/l

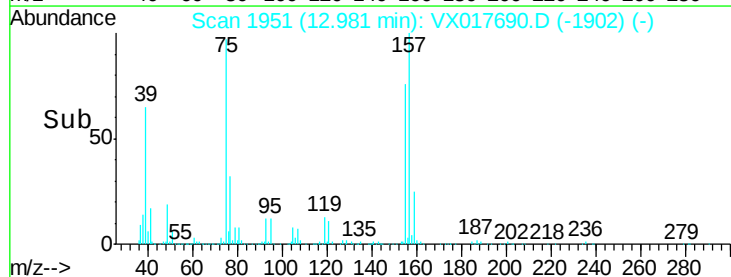
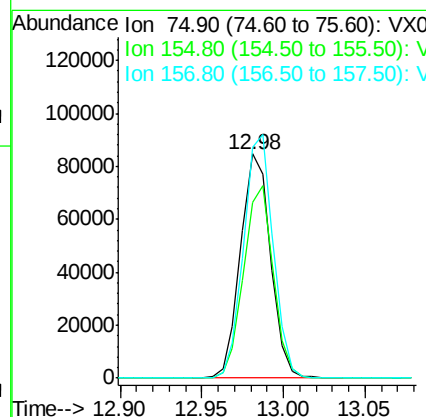
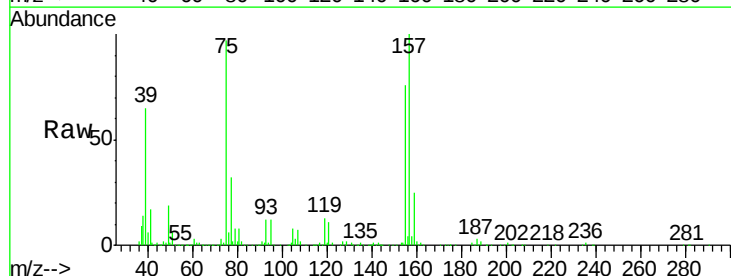
RT: 12.98 min Scan# 1951

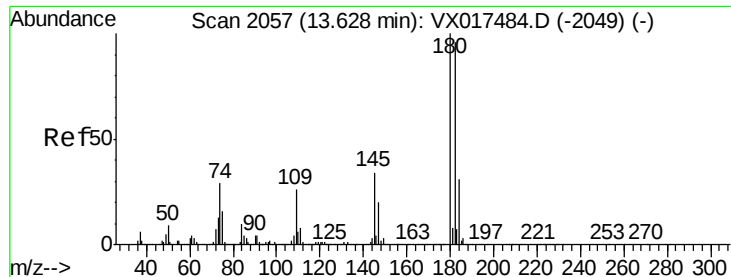
Delta R.T. 0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion:	75	Resp:	108888
Ion Ratio	Lower	Upper	
75	100		
155	85.0	42.3	126.8
157	107.1	54.3	162.9





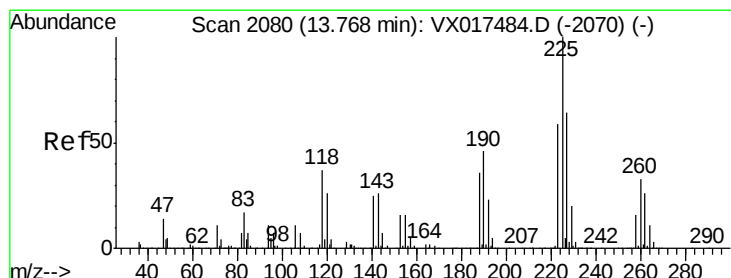
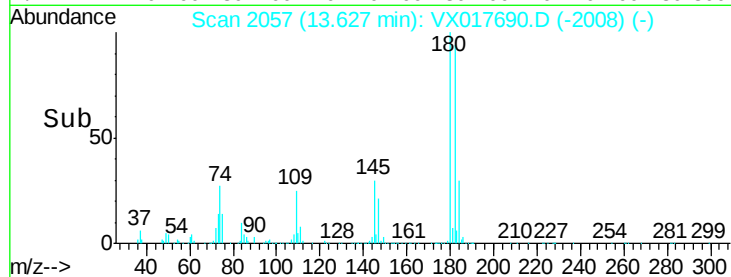
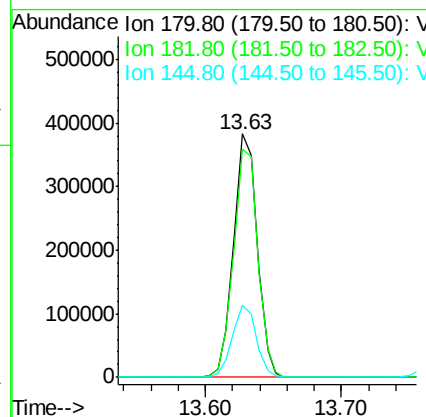
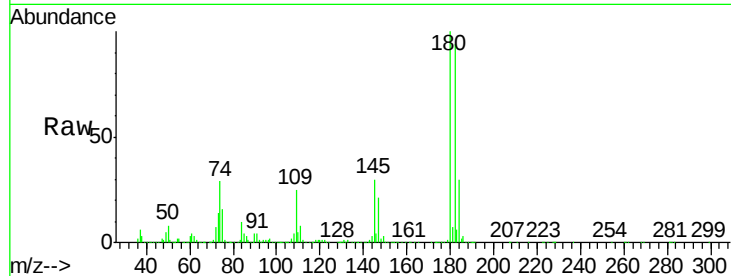
#93
 1,2,4-Trichlorobenzene
 Concen: 52.360 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	465392		
182	96.2	47.5	142.6	
145	30.1	15.4	46.4	

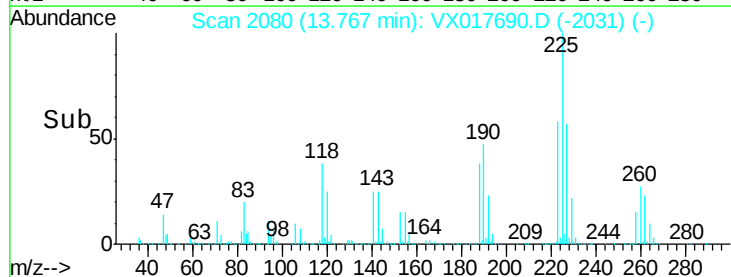
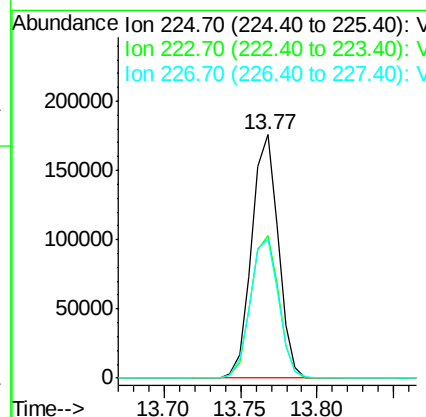
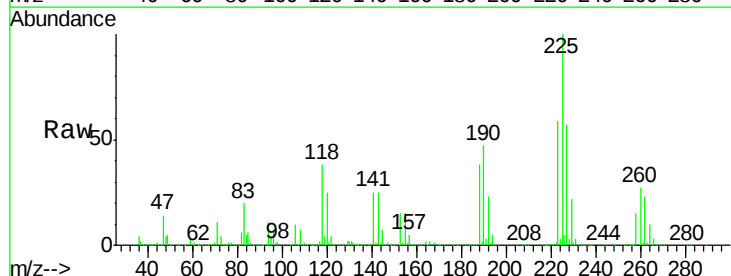
Manual Integrations
 APPROVED

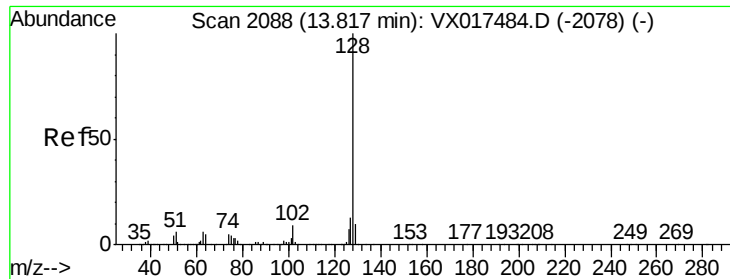
MMDadoda
 8/3/2020 5:02:23 PM



#94
 Hexachlorobutadiene
 Concen: 51.915 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212408		
223	61.3	30.3	90.9	
227	60.9	31.1	93.2	





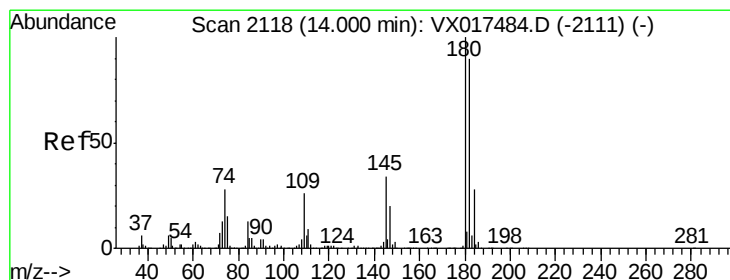
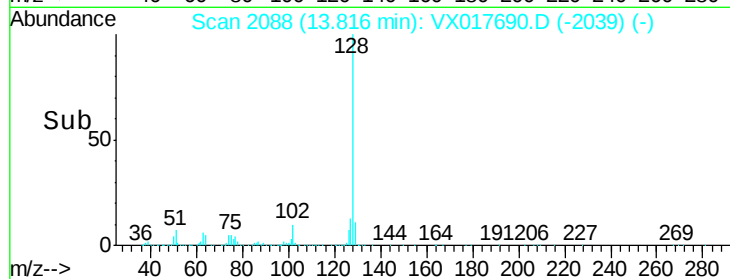
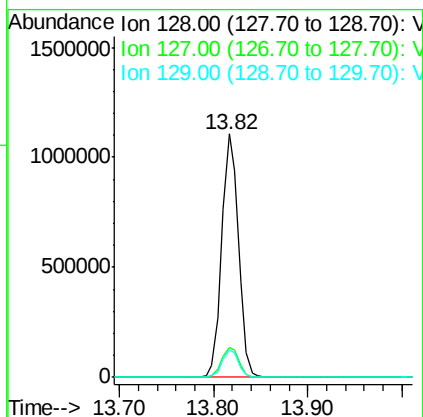
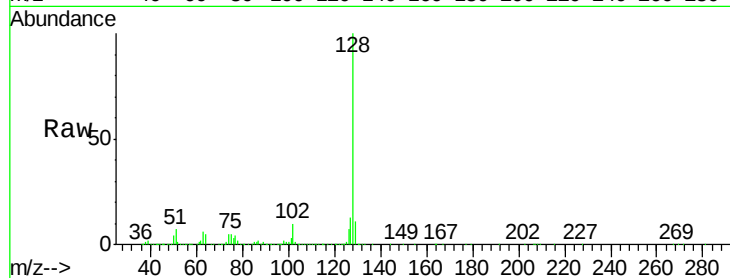
#95
Naphthalene
Concen: 51.263 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.082 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.4	142.3
145	33.1	16.3	48.9

