

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082620\
 Data File : VX018065.D
 Acq On : 26 Aug 2020 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 12:19:20 PM

Quant Time: Aug 27 04:20:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	542702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	809402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	757395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	407834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	359468	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	5.46	113	283615	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.70	98	1015242	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.12	95	402864	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	324421	49.099	ug/l	99
3) Chloromethane	1.31	50	298759	42.887	ug/l	98
4) Vinyl Chloride	1.39	62	306429	44.189	ug/l	99
5) Bromomethane	1.62	94	188717	56.422	ug/l	98
6) Chloroethane	1.71	64	173574	46.603	ug/l	100
7) Trichlorofluoromethane	1.92	101	496522	52.510	ug/l	98
8) Diethyl Ether	2.17	74	150265	46.859	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	243288	47.592	ug/l	98
10) Methyl Iodide	2.49	142	278987	50.903	ug/l	96
11) Tert butyl alcohol	3.01	59	278061	189.816	ug/l	97
12) 1,1-Dichloroethene	2.36	96	230583	43.477	ug/l	99
13) Acrolein	2.27	56	133282	219.426	ug/l	97
14) Allyl chloride	2.70	41	419632	44.040	ug/l	96
15) Acrylonitrile	3.11	53	658063	198.035	ug/l	98
16) Acetone	2.42	43	630969	214.927	ug/l	95
17) Carbon Disulfide	2.55	76	674425	42.066	ug/l	99
18) Methyl Acetate	2.75	43	281922	39.795	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	823980	45.302	ug/l	98
20) Methylene Chloride	2.83	84	267376	44.412	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	257945	43.899	ug/l	94
22) Diisopropyl ether	3.82	45	822995	43.762	ug/l	98
23) Vinyl Acetate	3.78	43	3711609	221.799	ug/l	100
24) 1,1-Dichloroethane	3.67	63	474293	44.304	ug/l	100
25) 2-Butanone	4.64	43	950971	197.102	ug/l	100
26) 2,2-Dichloropropane	4.55	77	462449	53.092	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	284569	42.033	ug/l	97
28) Bromochloromethane	4.98	49	228599	44.238	ug/l	97
29) Tetrahydrofuran	5.08	42	584971	190.460	ug/l	98
30) Chloroform	5.17	83	497185	44.852	ug/l	96
31) Cyclohexane	5.55	56	403584	44.754	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	473016	46.499	ug/l	99
36) 1,1-Dichloropropene	5.76	75	369143	49.447	ug/l	99
37) Ethyl Acetate	4.79	43	360904	41.623	ug/l	99
38) Carbon Tetrachloride	5.75	117	443497	52.714	ug/l	96

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Manual Integrations
 APPROVED

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 8/27/2020 12:19:20 PM

Quant Time: Aug 27 04:20:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	425148	52.080	ug/l	98
40) Benzene	6.11	78	1027331	46.832	ug/l	99
41) Methacrylonitrile	4.99	41	198019	41.593	ug/l	97
42) 1,2-Dichloroethane	6.16	62	421303	50.127	ug/l	99
43) Isopropyl Acetate	6.41	43	609274	43.505	ug/l	99
44) Trichloroethene	7.18	130	303063	48.894	ug/l	97
45) 1,2-Dichloropropane	7.49	63	278179	47.051	ug/l	95
46) Dibromomethane	7.63	93	191929	46.163	ug/l	98
47) Bromodichloromethane	7.87	83	411886	49.616	ug/l	97
48) Methyl methacrylate	7.74	41	304205	43.634	ug/l	99
49) 1,4-Dioxane	7.71	88	111731	884.742	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1857341	214.699	ug/l	100
52) Toluene	8.76	92	666622	47.924	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	452338	49.164	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	470850	48.310	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	271251	45.723	ug/l	99
56) Ethyl methacrylate	9.16	69	402308	45.617	ug/l	99
57) 1,3-Dichloropropane	9.35	76	454115	46.410	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	882445	222.429	ug/l	99
59) 2-Hexanone	9.47	43	1485529	225.832	ug/l	100
60) Dibromochloromethane	9.56	129	343005	49.287	ug/l	100
61) 1,2-Dibromoethane	9.65	107	298595	46.361	ug/l	100
64) Tetrachloroethene	9.32	164	308401	55.410	ug/l	96
65) Chlorobenzene	10.12	112	731894	48.384	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	303284	50.869	ug/l	99
67) Ethyl Benzene	10.23	91	1299640	50.521	ug/l	100
68) m/p-Xylenes	10.34	106	1007055	104.884	ug/l	98
69) o-Xylene	10.68	106	471294	50.634	ug/l	96
70) Styrene	10.70	104	828439	52.264	ug/l	99
71) Bromoform	10.84	173	262437	51.606	ug/l	98
73) Isopropylbenzene	11.00	105	1328798	49.396	ug/l	99
74) N-amyl acetate	10.88	43	562376	44.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	395827	41.711	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	393084m	43.327	ug/l	
77) Bromobenzene	11.24	156	349836	47.046	ug/l	96
78) n-propylbenzene	11.34	91	1543564	50.534	ug/l	100
79) 2-Chlorotoluene	11.40	91	916859	48.585	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1168448	52.856	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	157728	46.955	ug/l	97
82) 4-Chlorotoluene	11.49	91	1098744	48.976	ug/l	99
83) tert-Butylbenzene	11.76	119	1078670	49.444	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1171464	51.832	ug/l	99
85) sec-Butylbenzene	11.93	105	1318177	53.133	ug/l	99
86) p-Isopropyltoluene	12.05	119	1264422	55.485	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	651473	49.900	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	646744	49.475	ug/l	96
89) n-Butylbenzene	12.37	91	1103116	53.036	ug/l	99
90) Hexachloroethane	12.58	117	242951	54.187	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	607392	49.424	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	102031	43.000	ug/l	95

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ClientSampleId :
VSTDCCC050

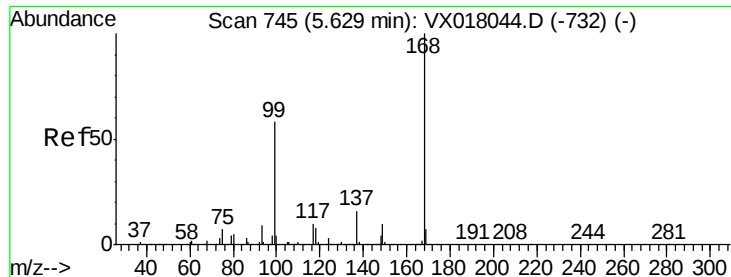
Manual Integrations
APPROVED

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8/27/2020 12:19:20 PM

Quant Time: Aug 27 04:20:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	423503	51.678	ug/l	98
94) Hexachlorobutadiene	13.76	225	171970	53.202	ug/l	96
95) Naphthalene	13.82	128	1315815	48.788	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	416618	51.451	ug/l	99

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



#1

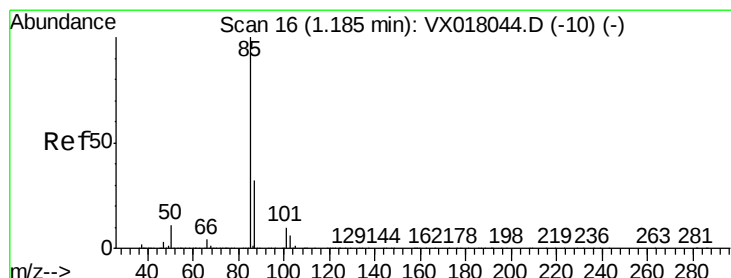
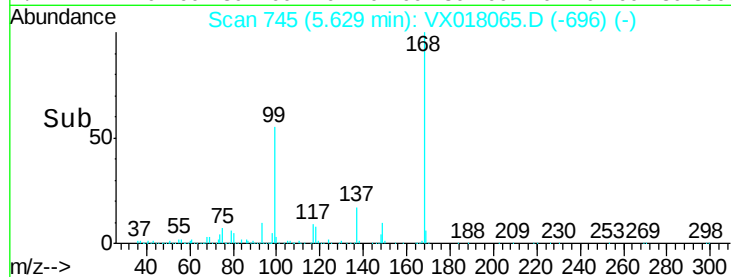
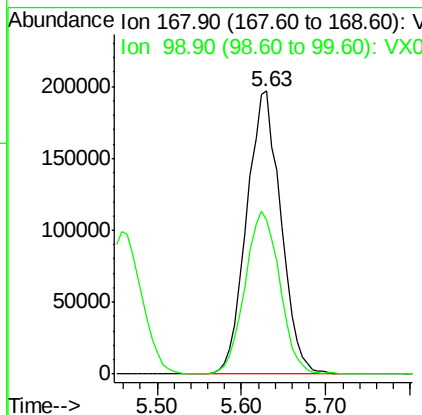
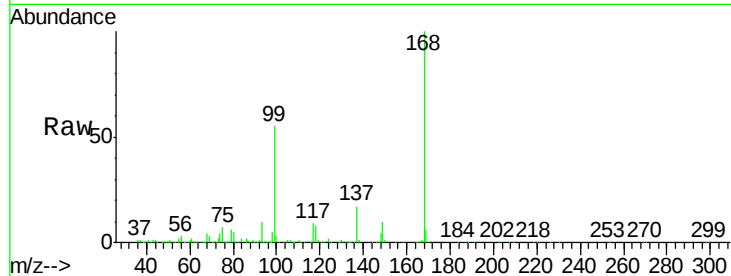
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.4	46.3	69.5

Manual Integrations
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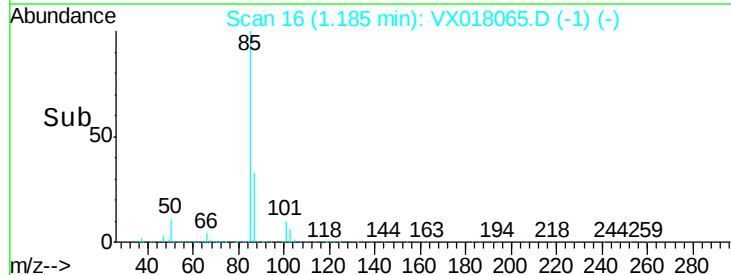
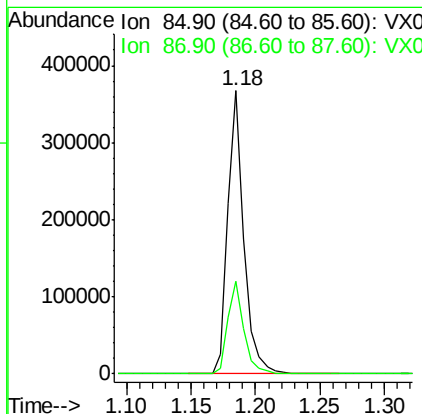
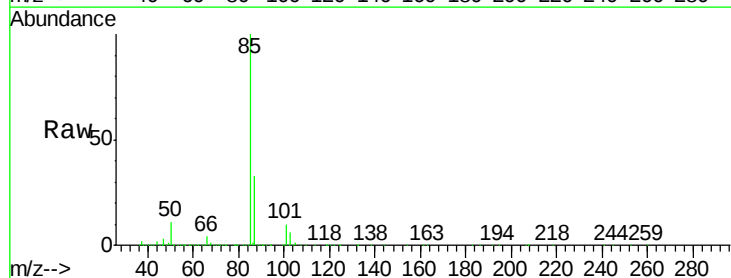
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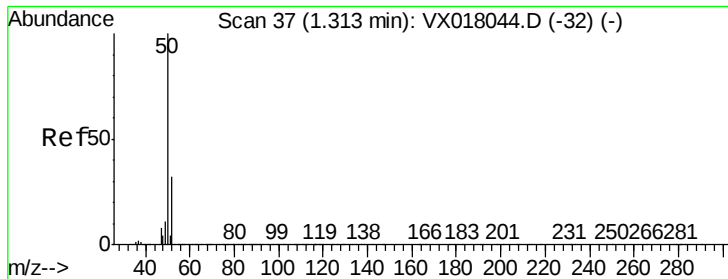


#2

Dichlorodifluoromethane
 Concen: 49.099 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.1	48.2





#3

Chloromethane

Concen: 42.887 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 298759

Ion Ratio Lower Upper

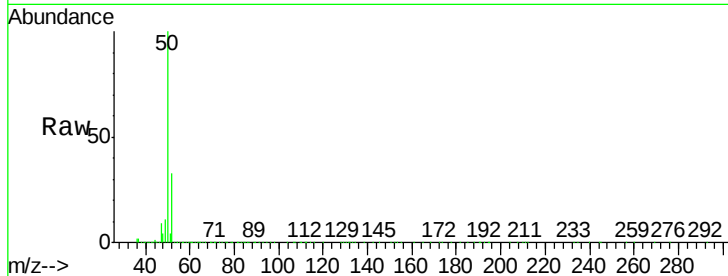
50 100

52 32.7 25.4 38.2

Manual Integrations
APPROVED

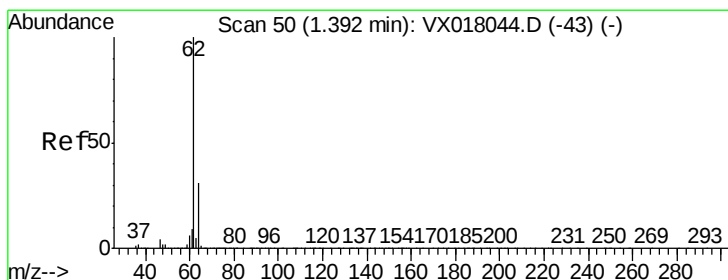
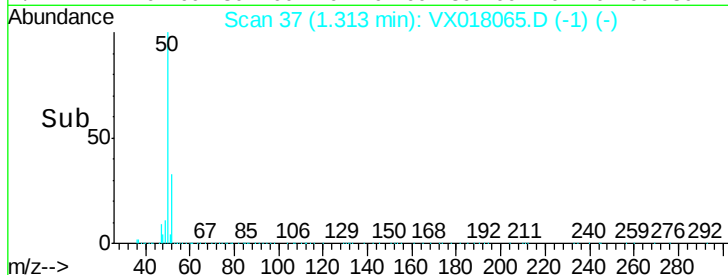
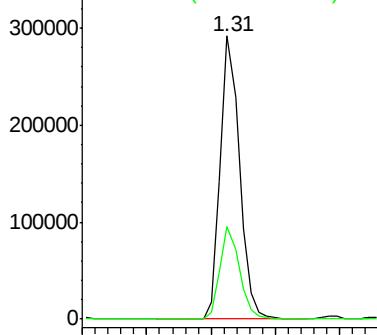
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.189 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018065.D

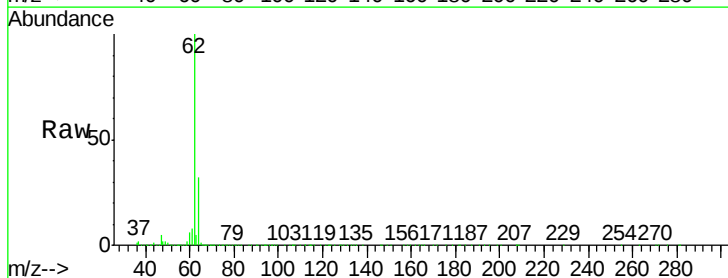
Acq: 26 Aug 2020 09:59

Tgt Ion: 62 Resp: 306429

Ion Ratio Lower Upper

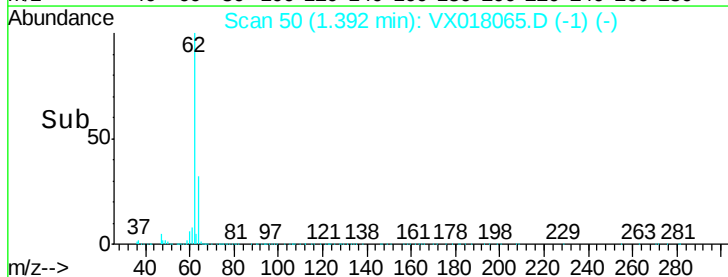
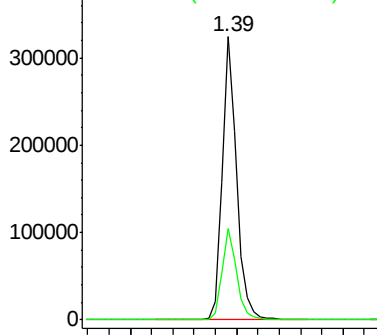
62 100

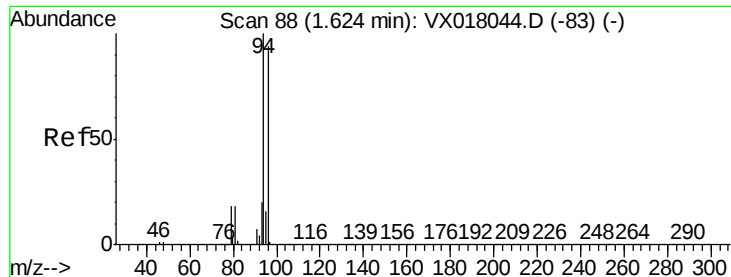
64 32.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.422 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 188717

Ion Ratio Lower Upper

94 100

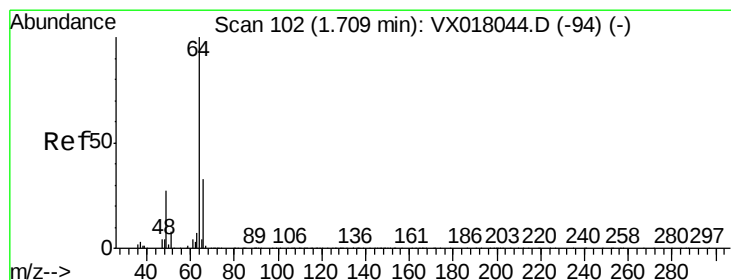
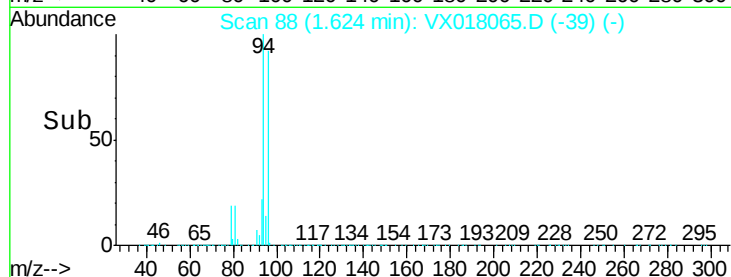
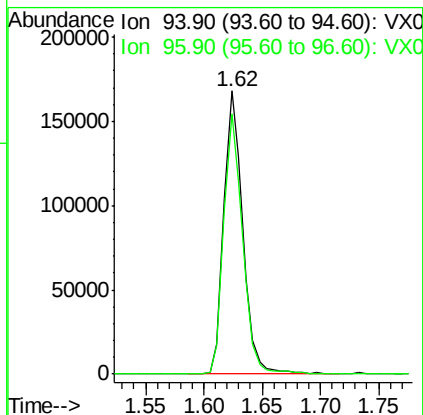
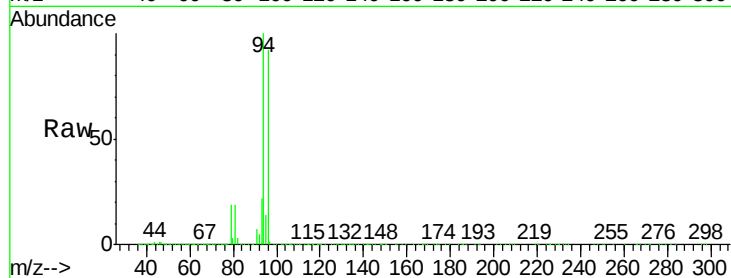
96 92.0 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 46.603 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018065.D

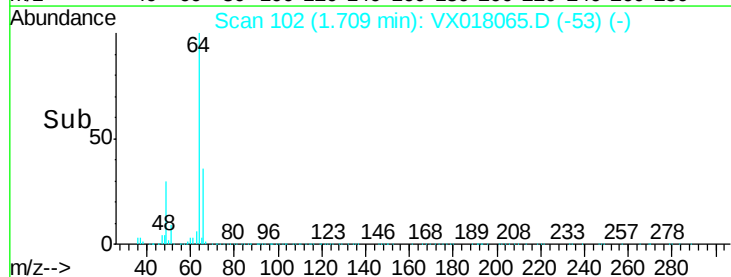
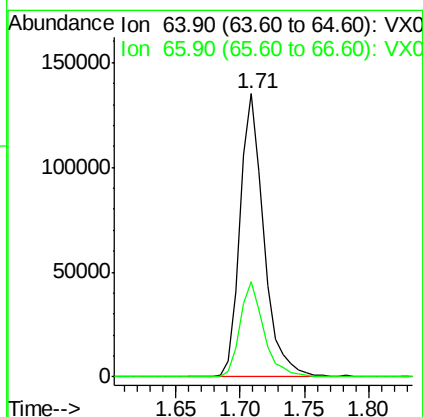
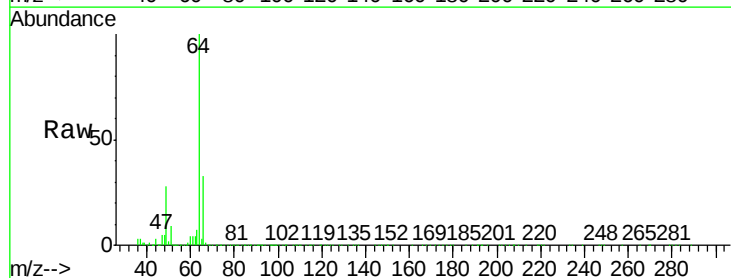
Acq: 26 Aug 2020 09:59

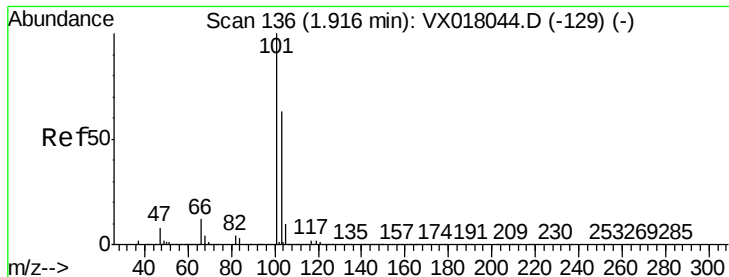
Tgt Ion: 64 Resp: 173574

Ion Ratio Lower Upper

64 100

66 33.3 26.6 39.8





#7

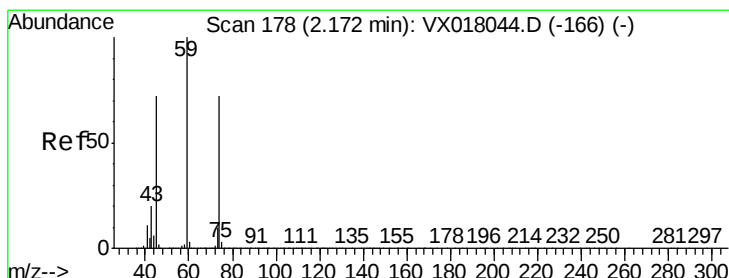
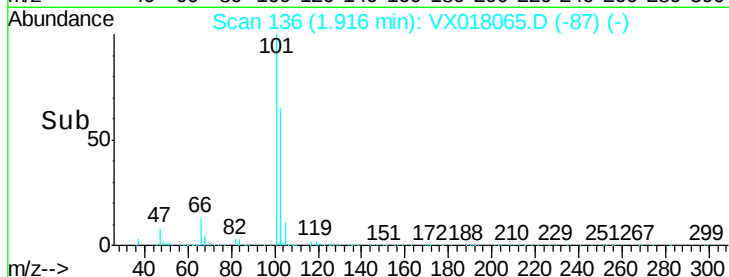
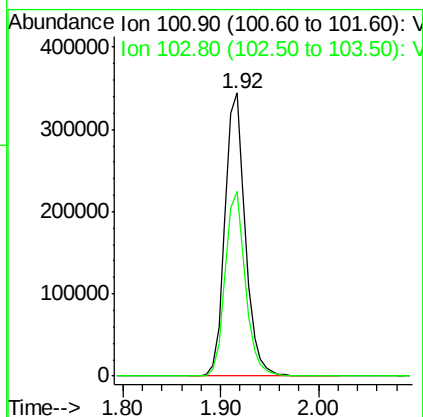
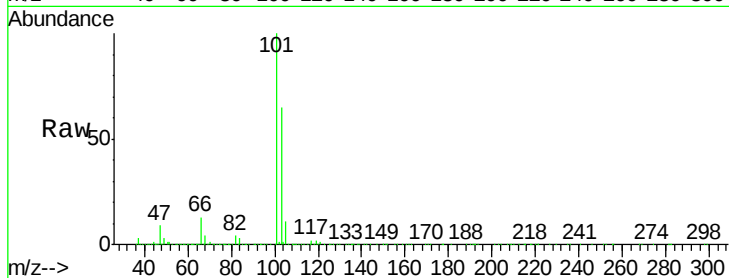
Trichlorofluoromethane
Concen: 52.510 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.7	76.1

Manual Integrations
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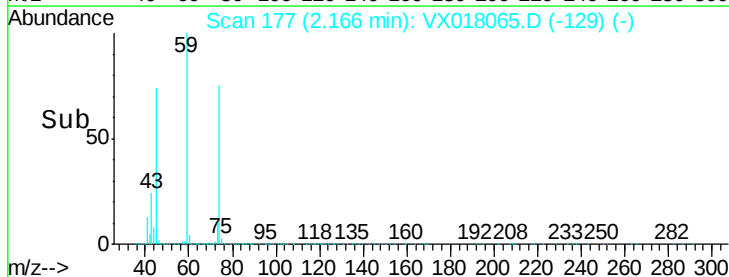
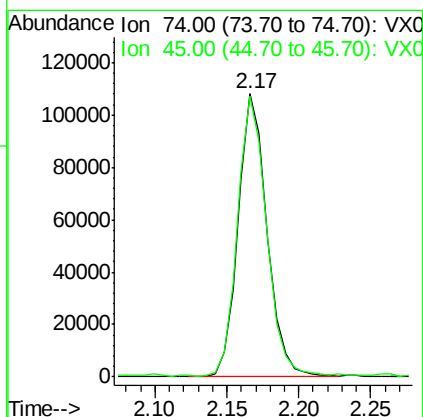
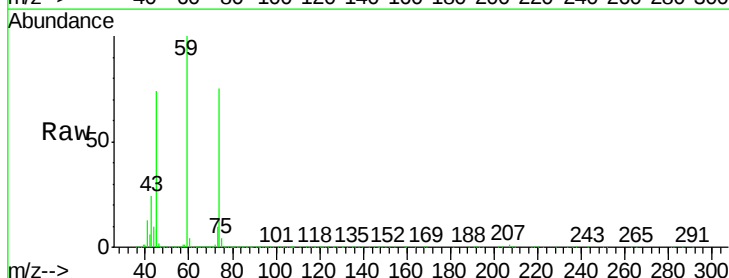
MMDadoda
8/27/2020 12:19:20 PM

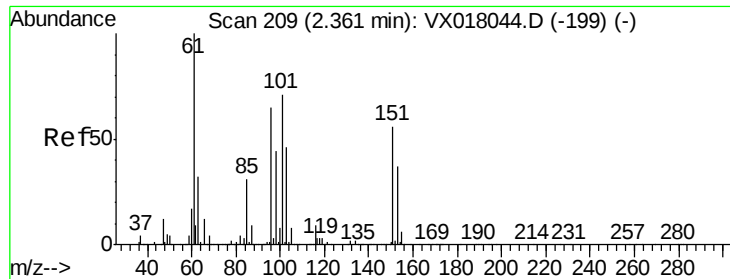


#8

Diethyl Ether
Concen: 46.859 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.592 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

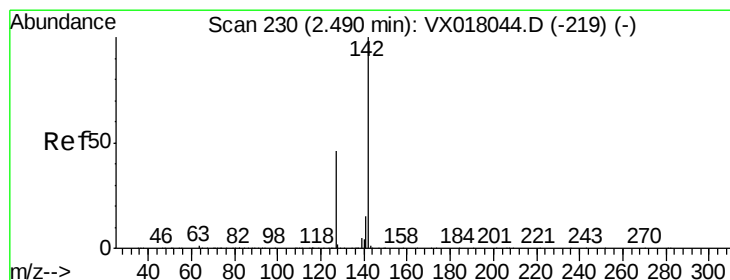
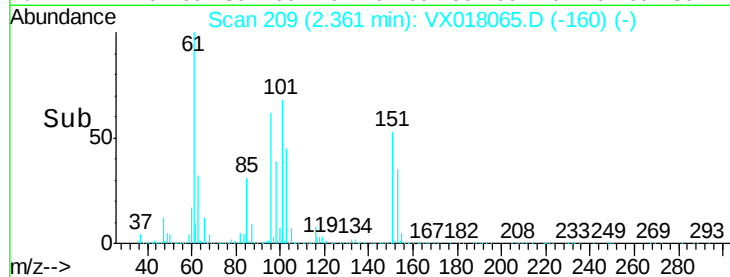
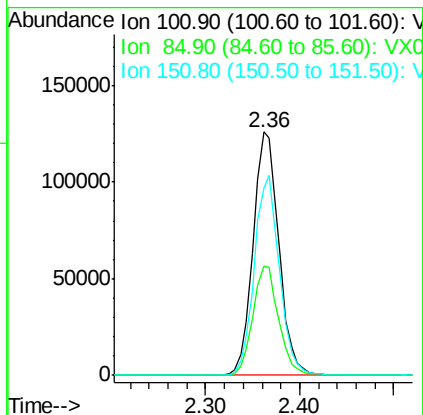
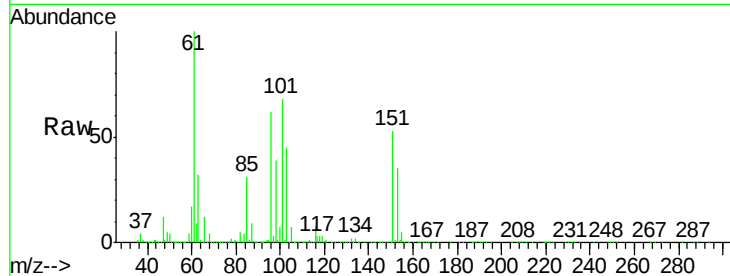
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	243288
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.0	51.0
151	80.5	65.2	97.8

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#10

Methyl Iodide

Concen: 50.903 ug/l

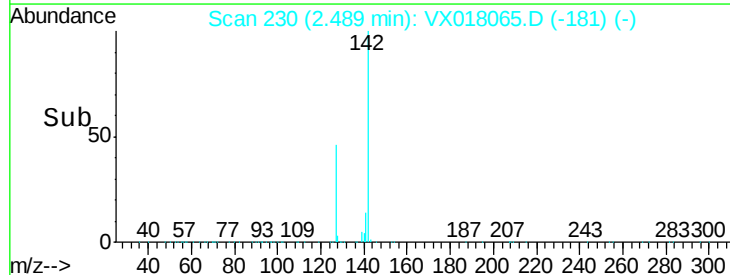
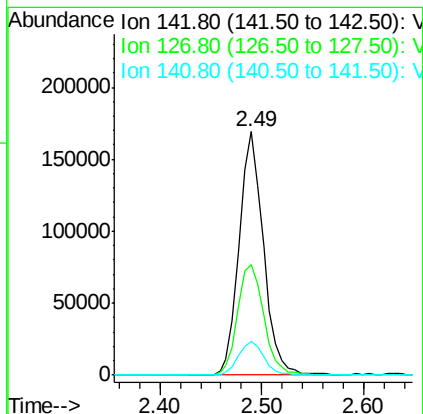
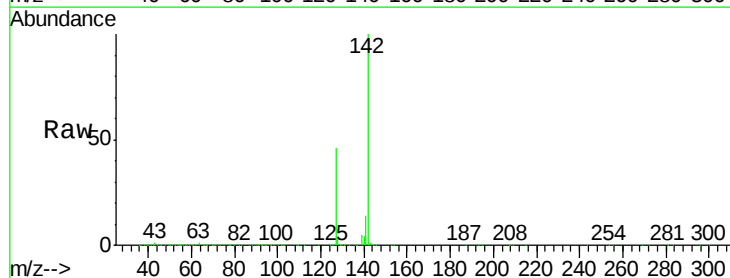
RT: 2.49 min Scan# 230

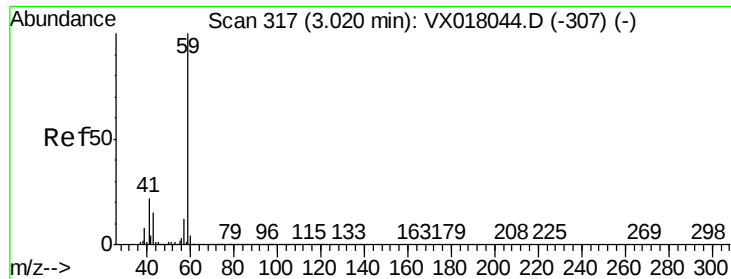
Delta R.T. 0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion:	142	Resp:	278987
Ion Ratio	Lower	Upper	
142	100		
127	49.2	37.0	55.6
141	14.7	11.5	17.3





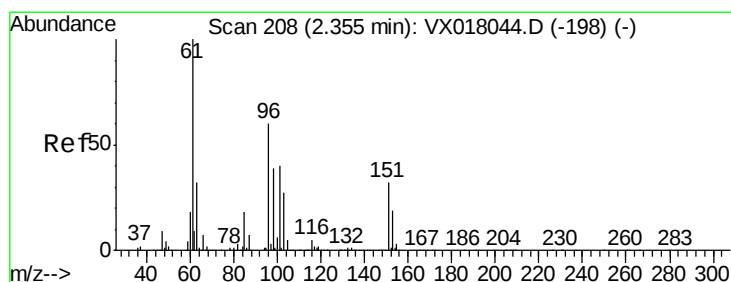
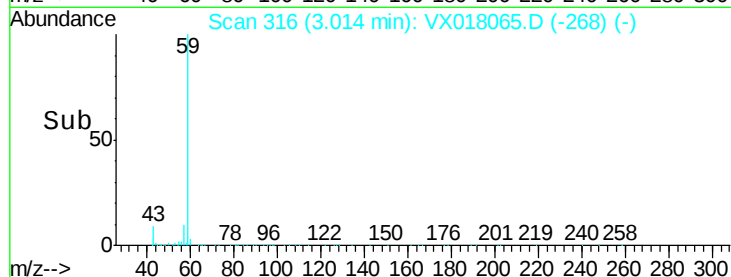
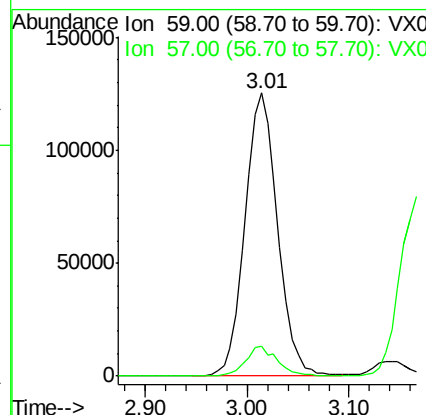
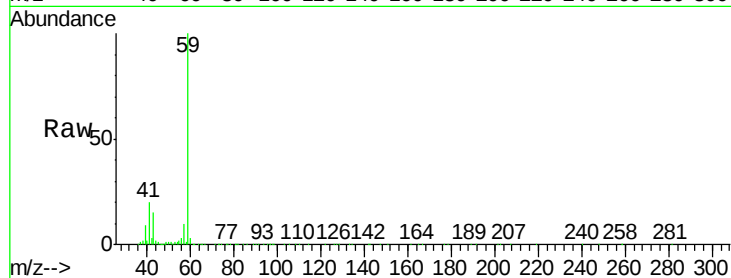
#11
Tert butyl alcohol
Concen: 189.816 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.9	13.3

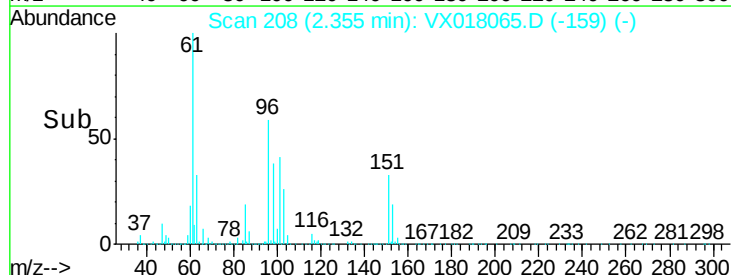
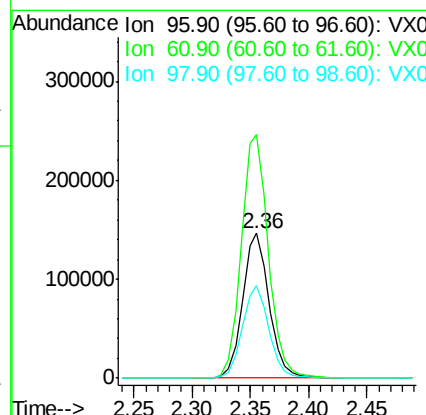
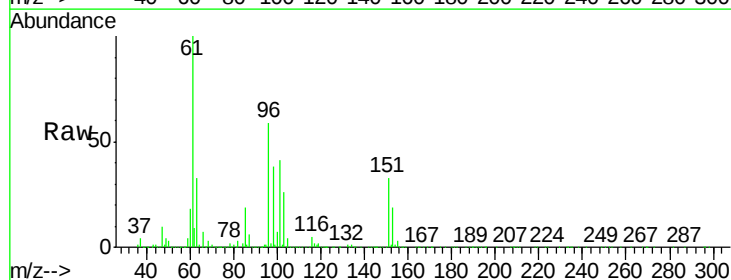
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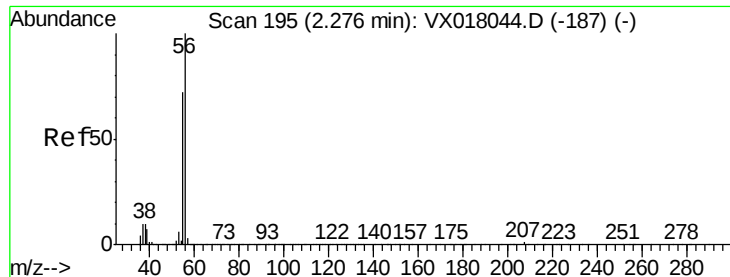
MMDadoda
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#12
1,1-Dichloroethene
Concen: 43.477 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	133.0	199.4
98	64.3	51.6	77.4





#13

Acrolein

Concen: 219.426 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 133282

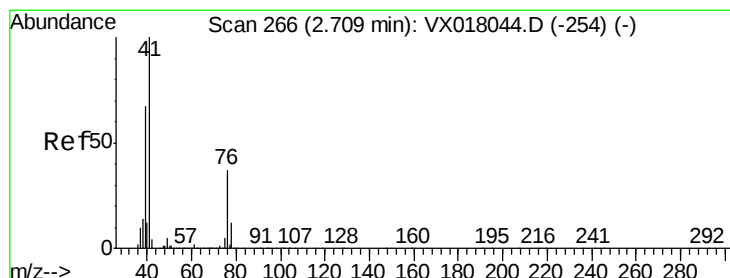
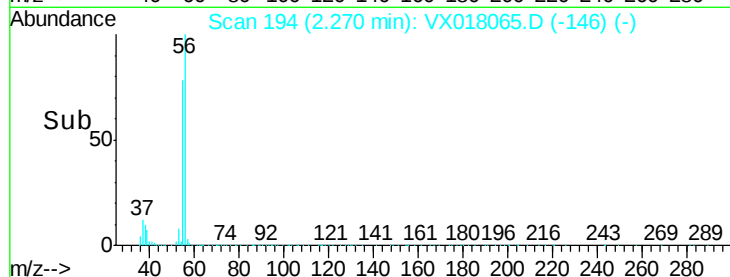
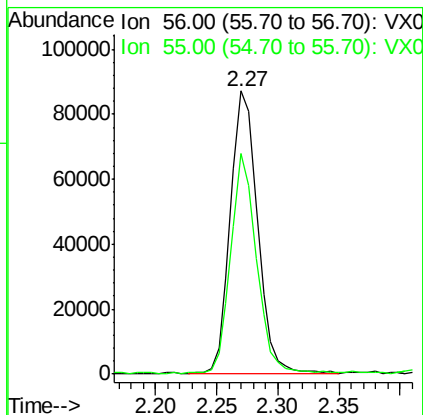
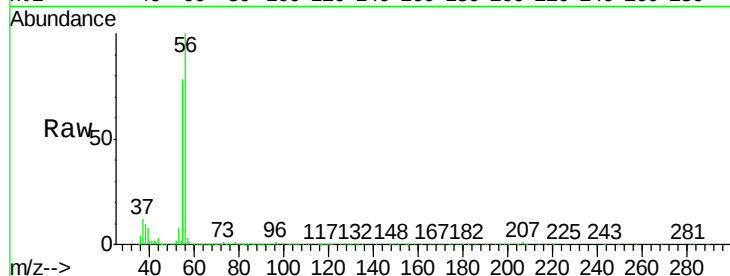
Ion Ratio Lower Upper

56 100

55 73.9 57.0 85.6

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#14

Allyl chloride

Concen: 44.040 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

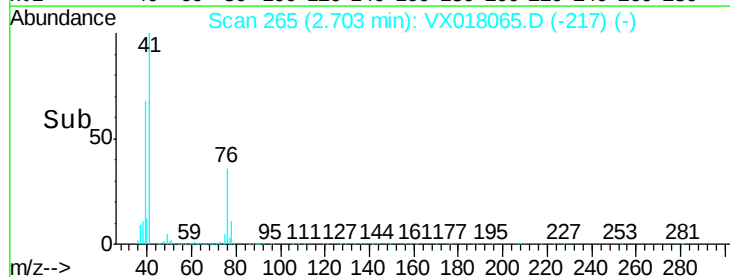
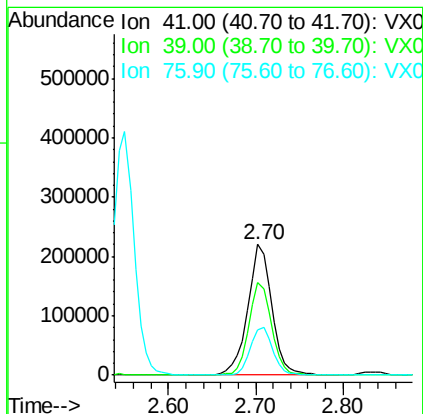
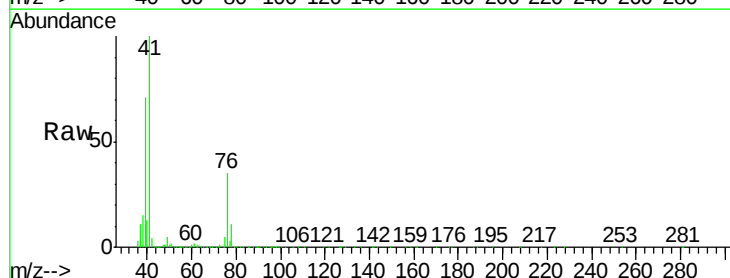
Tgt Ion: 41 Resp: 419632

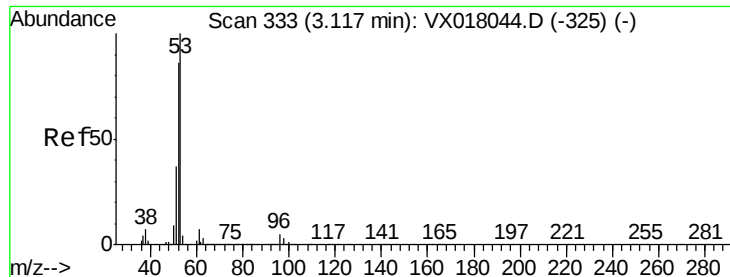
Ion Ratio Lower Upper

41 100

39 66.6 50.6 76.0

76 34.0 26.2 39.2





#15

Acrylonitrile

Concen: 198.035 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

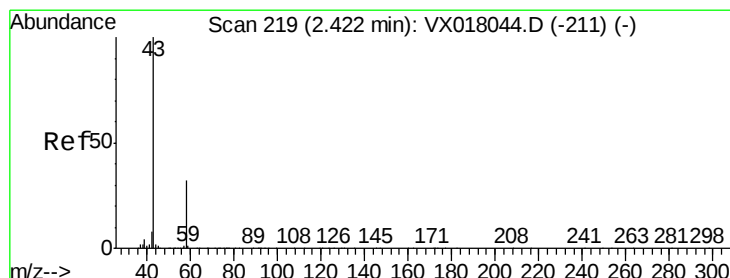
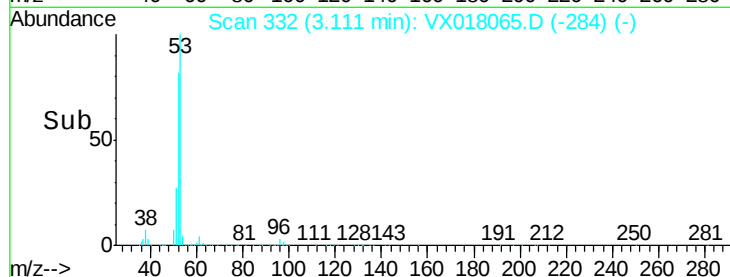
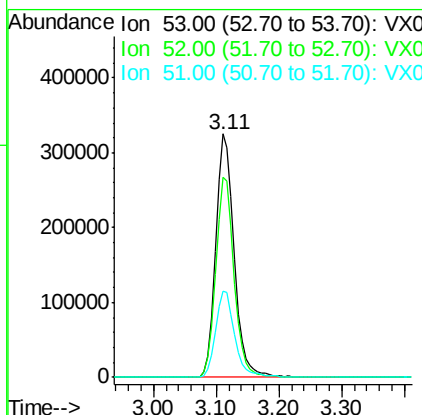
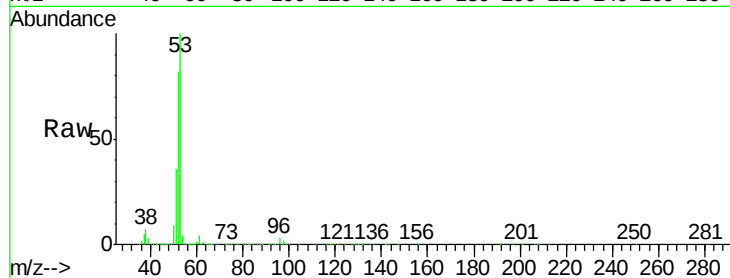
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	658063
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.9	100.3
51	36.8	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 214.927 ug/l

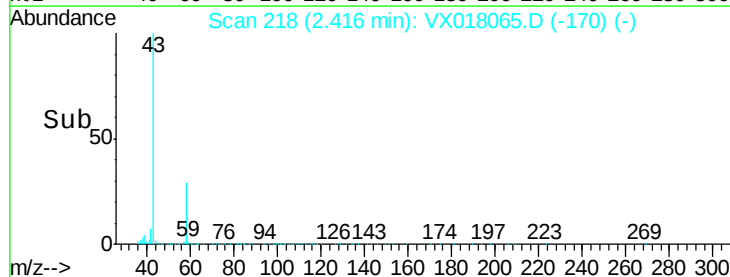
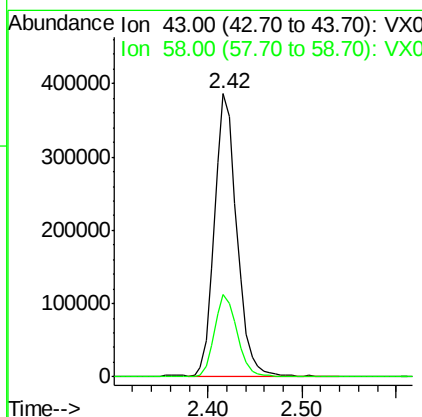
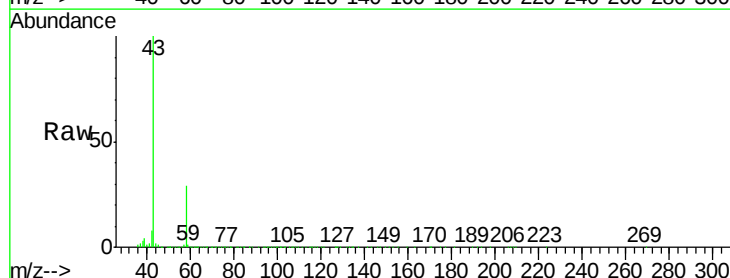
RT: 2.42 min Scan# 218

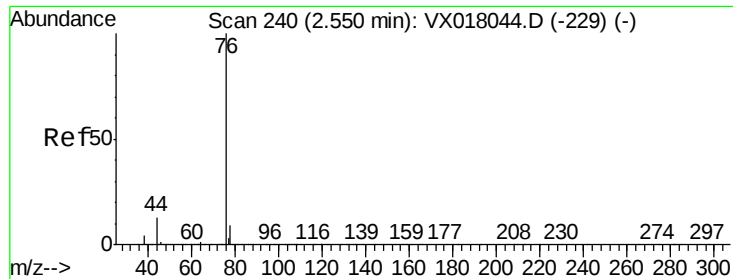
Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion:	43	Resp:	630969
Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.5	38.3





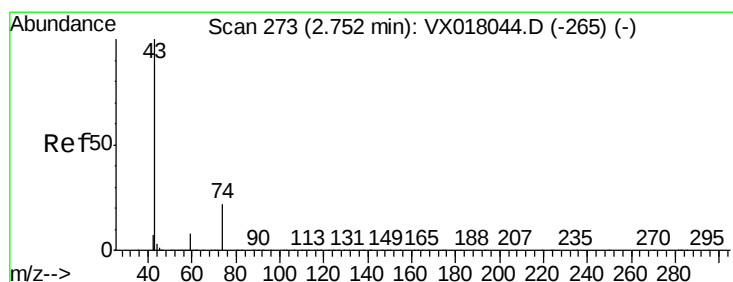
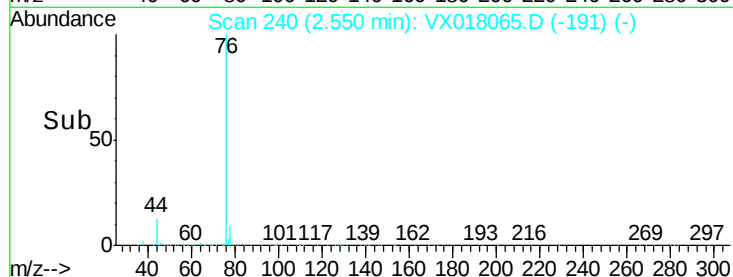
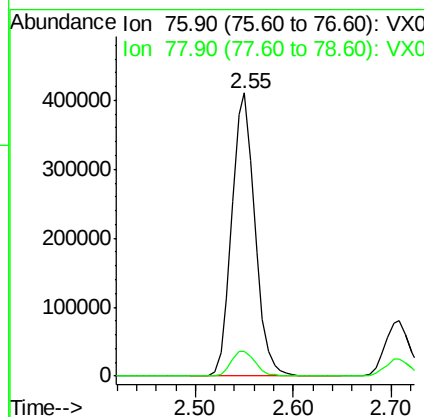
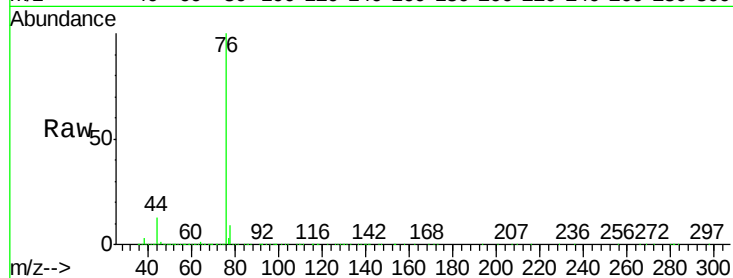
#17
Carbon Disulfide
Concen: 42.066 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

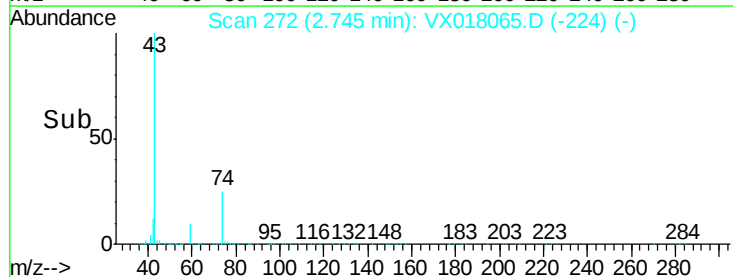
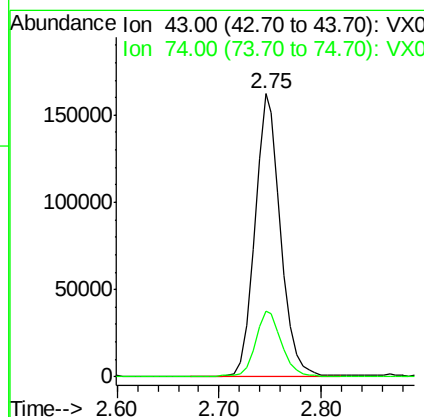
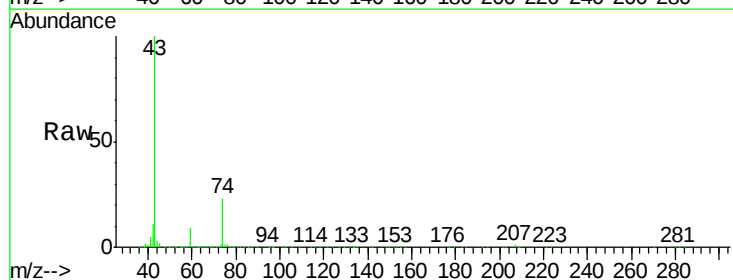
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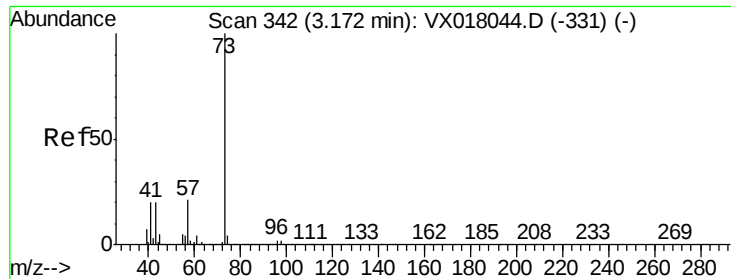
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#18
Methyl Acetate
Concen: 39.795 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.2	27.4





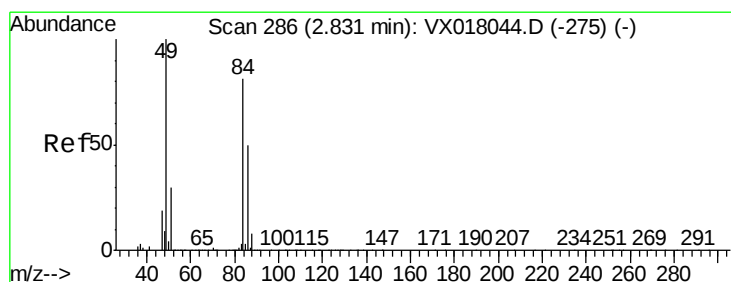
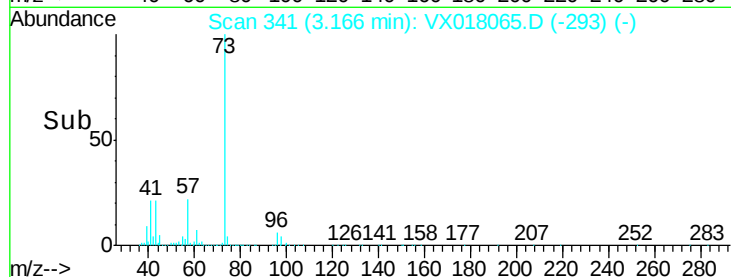
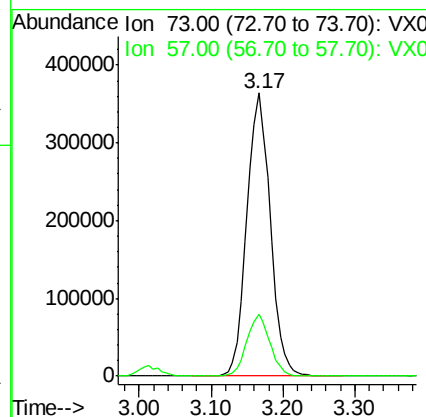
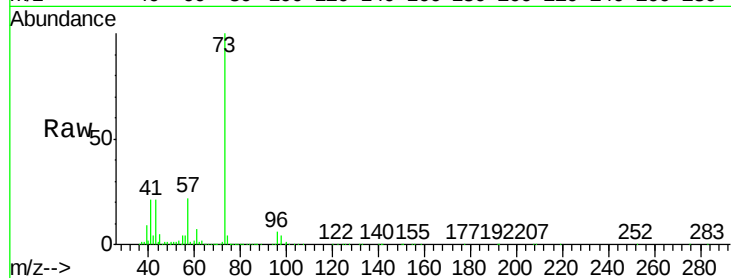
#19
Methvl tert-butvl Ether
Concen: 45.302 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.8	25.2

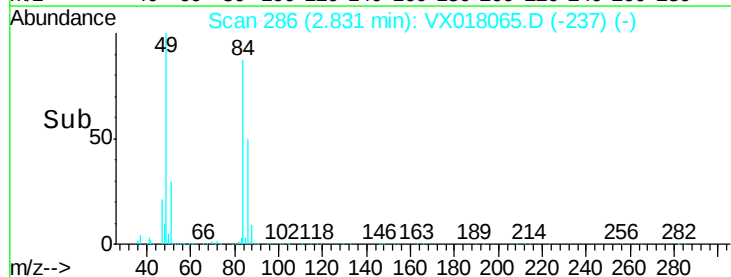
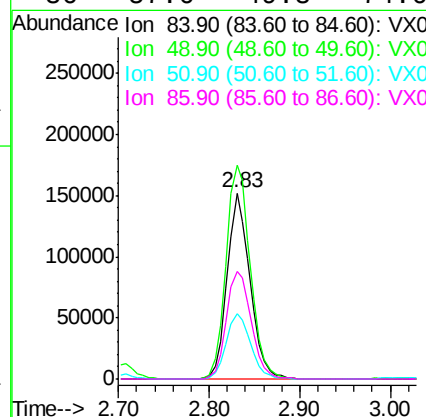
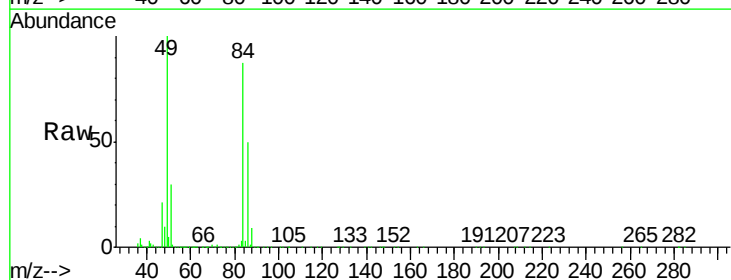
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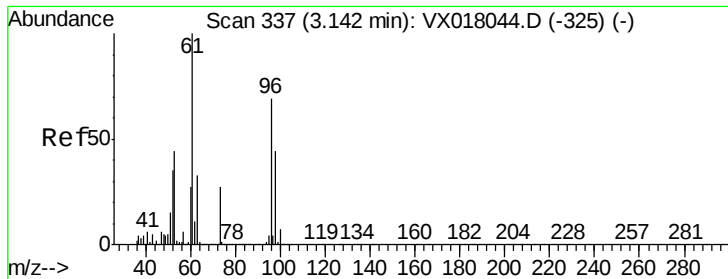
MMDadoda
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#20
Methylene Chloride
Concen: 44.412 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.6	98.6	148.0
51	34.8	29.6	44.4
86	57.6	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 43.899 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

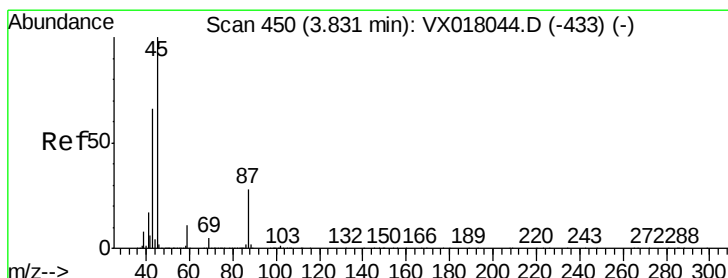
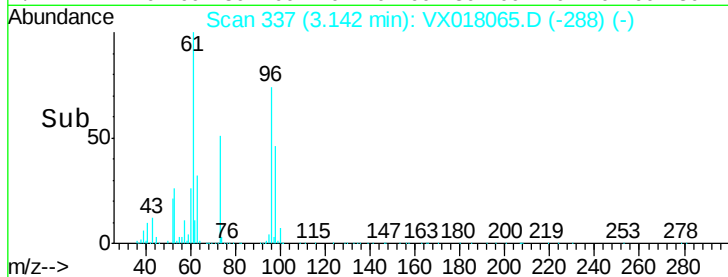
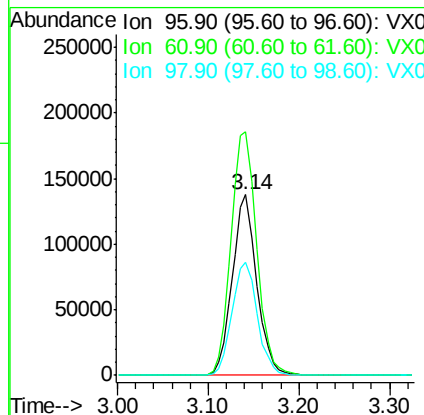
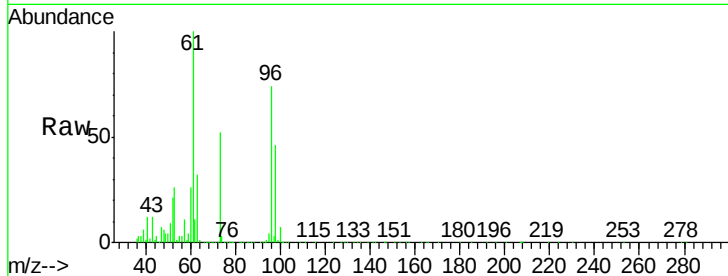
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	257945
Ion Ratio	Lower	Upper	
96	100		
61	134.8	115.4	173.0
98	62.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 43.762 ug/l

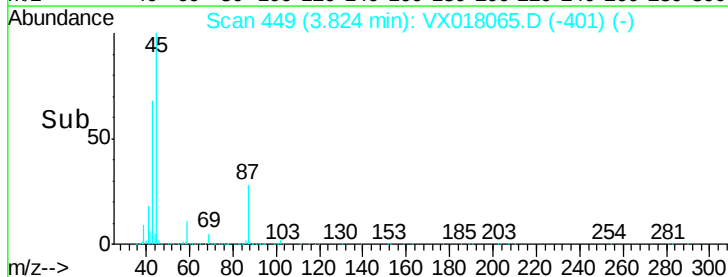
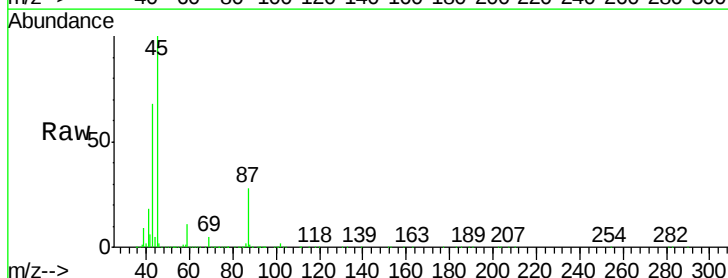
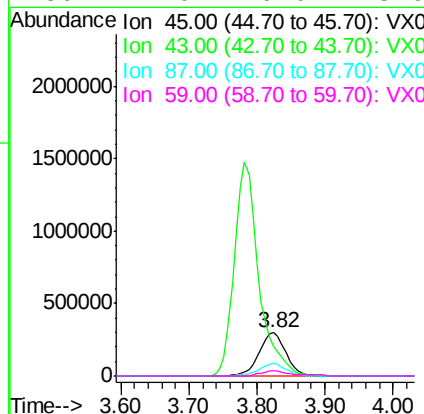
RT: 3.82 min Scan# 449

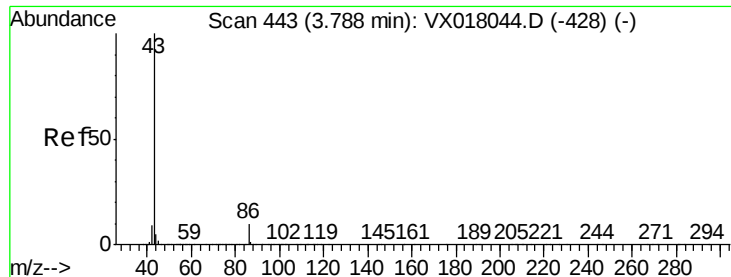
Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion:	45	Resp:	822995
Ion Ratio	Lower	Upper	
45	100		
43	68.4	52.8	79.2
87	28.3	22.5	33.7
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 221.799 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3711609

Ion Ratio Lower Upper

43 100

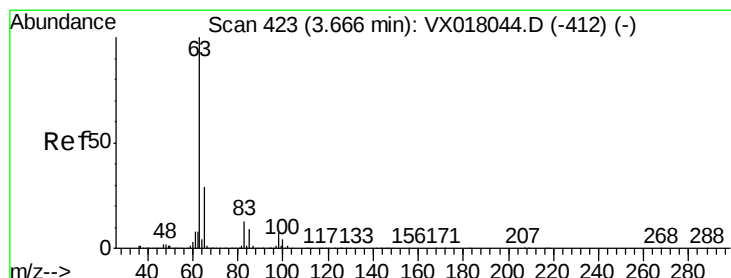
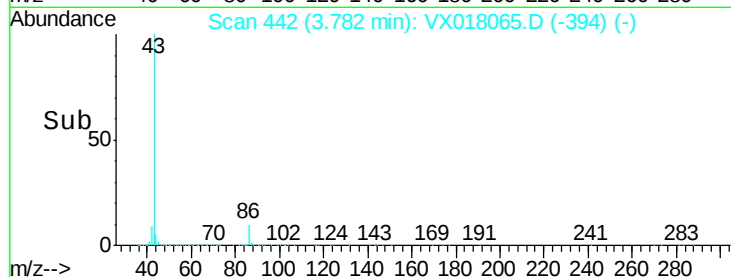
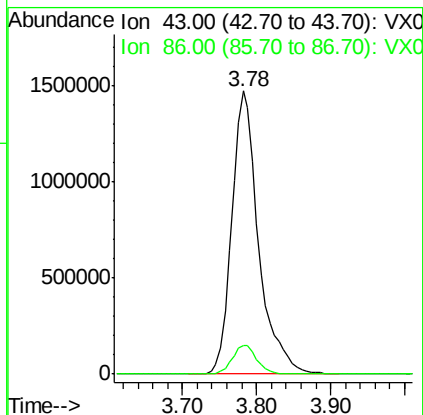
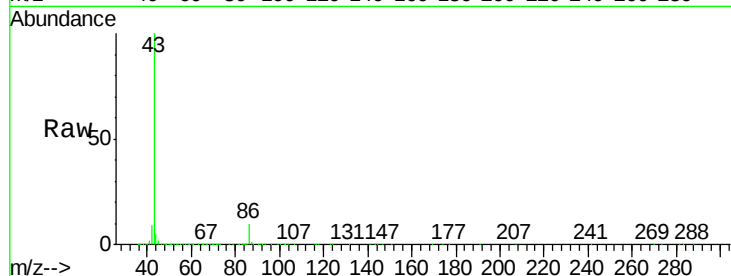
86 9.9 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.304 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

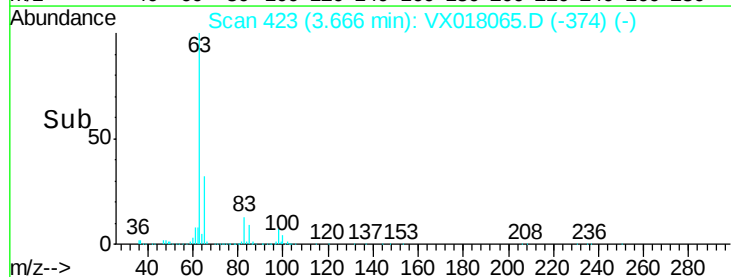
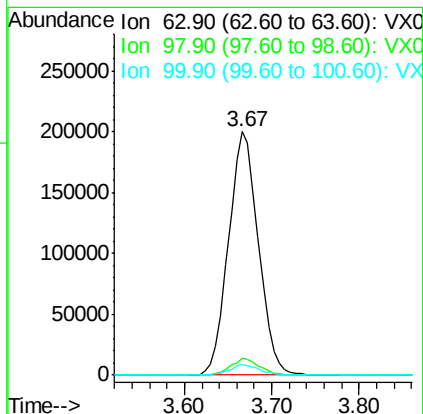
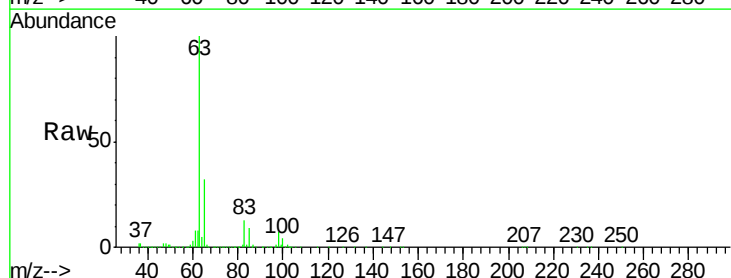
Tgt Ion: 63 Resp: 474293

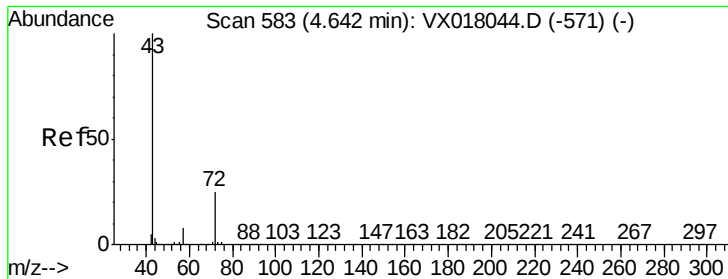
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.1 2.0 6.0





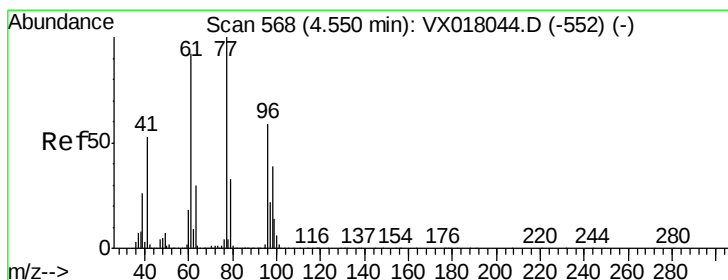
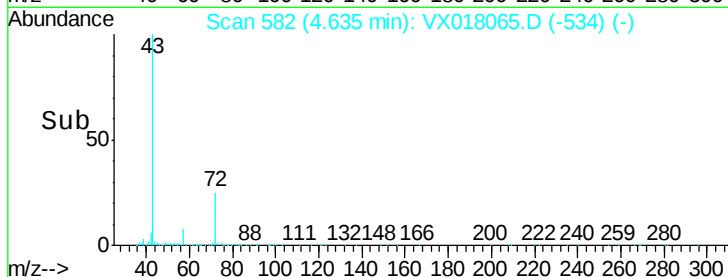
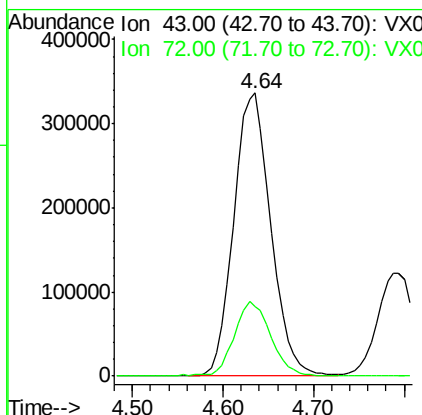
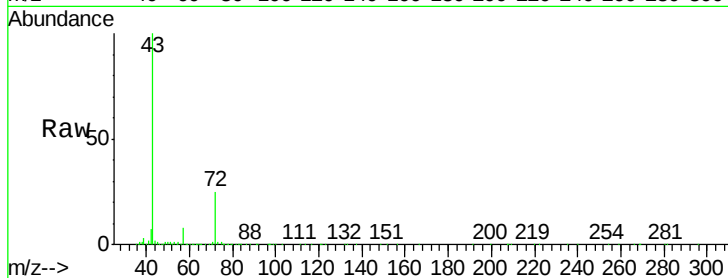
#25
2-Butanone
Concen: 197.102 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	24.6	19.8	29.6

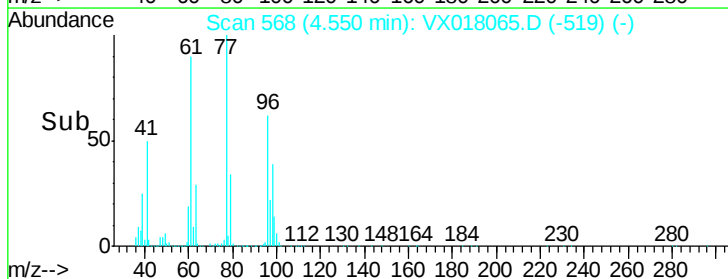
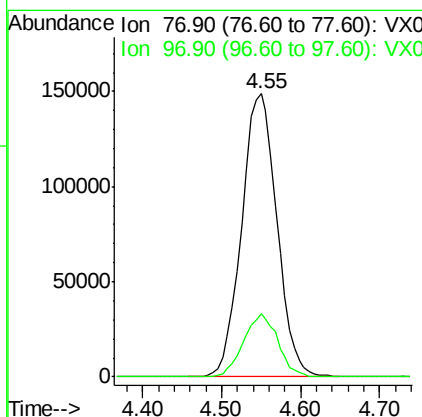
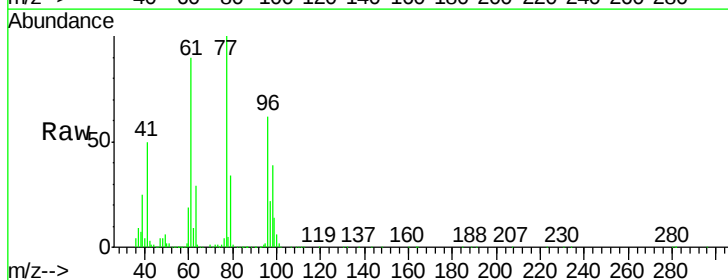
Manual Integrations
APPROVED

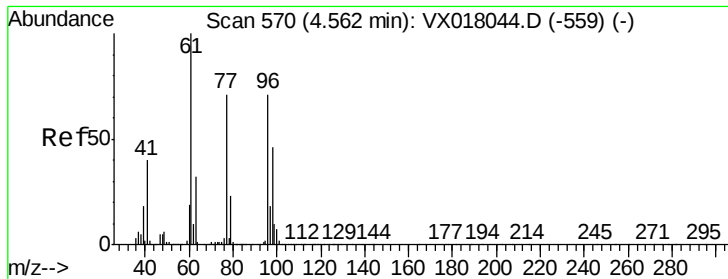
MMDadoda
8/27/2020 12:19:20 PM



#26
2,2-Dichloropropane
Concen: 53.092 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.5	34.5





#27

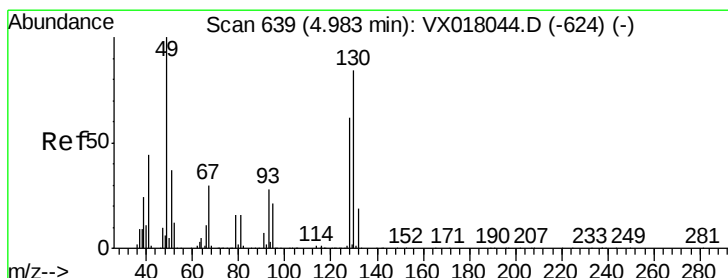
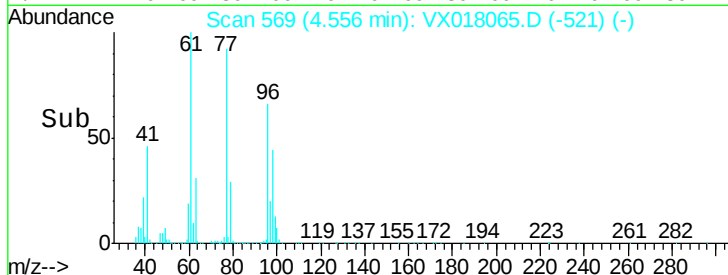
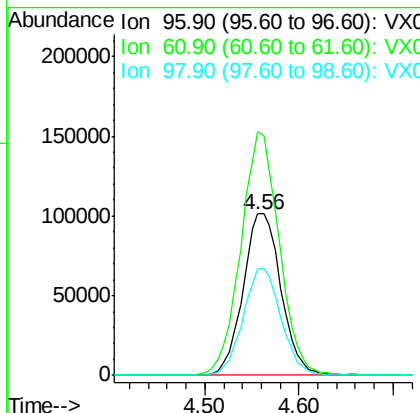
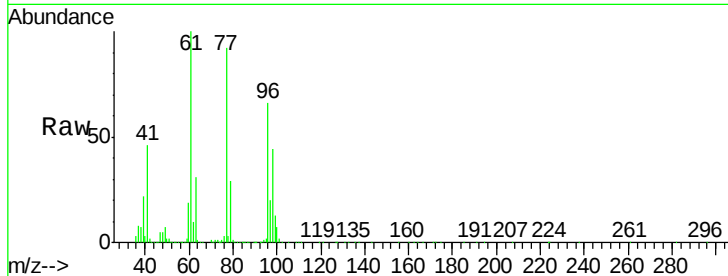
cis-1,2-Dichloroethene
Concen: 42.033 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	284569		
61	152.3	0.0	296.6	
98	66.3	0.0	130.2	

Manual Integrations
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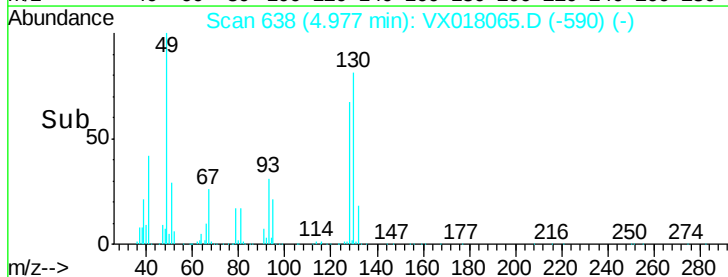
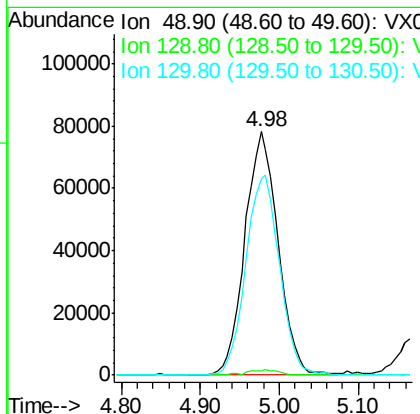
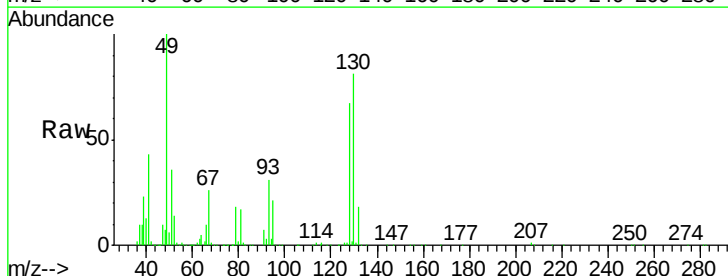
MMDadoda
8/27/2020 12:19:20 PM



#28

Bromochloromethane
Concen: 44.238 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	228599		
129	2.2	0.0	4.6	
130	83.5	64.6	96.8	





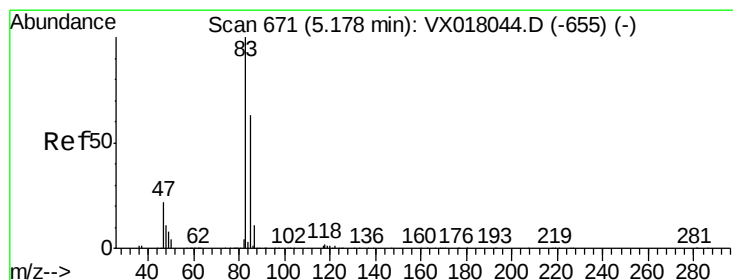
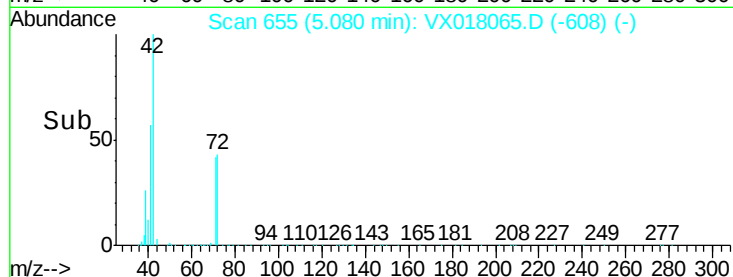
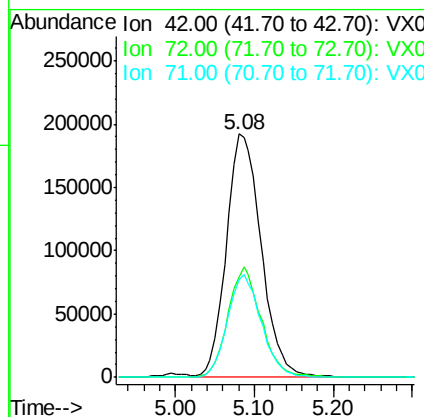
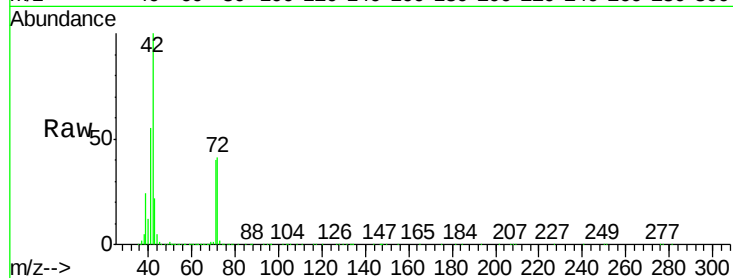
#29
Tetrahydrofuran
Concen: 190.460 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.2	51.4
71	41.4	32.1	48.1

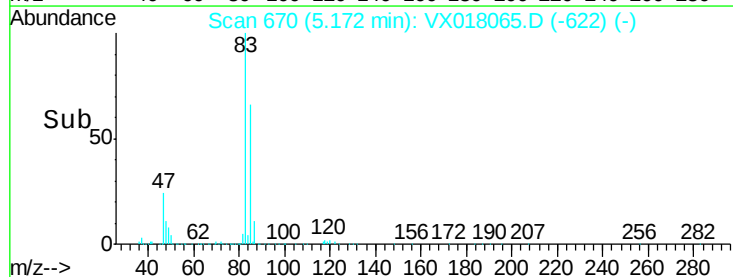
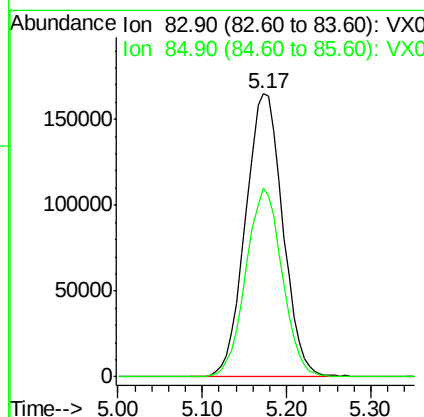
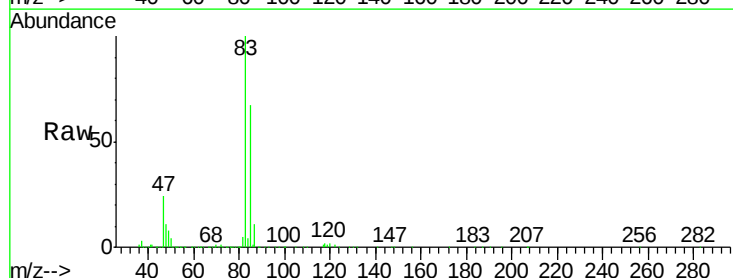
Manual Integrations
APPROVED

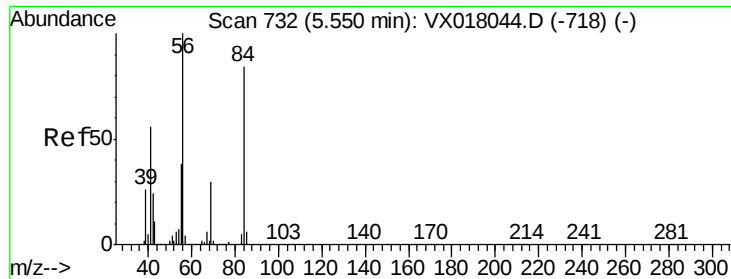
MMDadoda
8/27/2020 12:19:20 PM



#30
Chloroform
Concen: 44.852 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.7	76.1





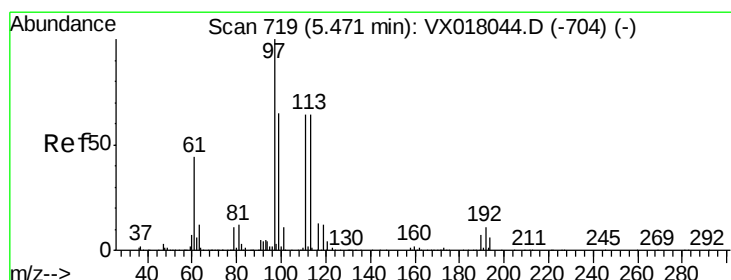
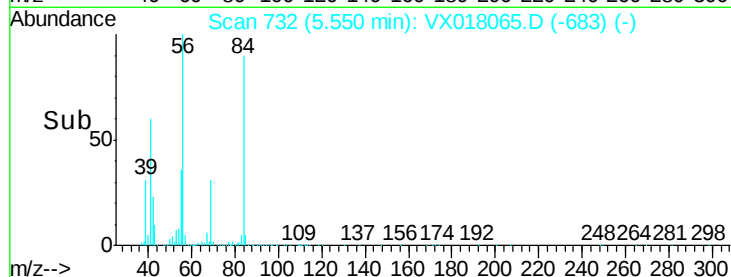
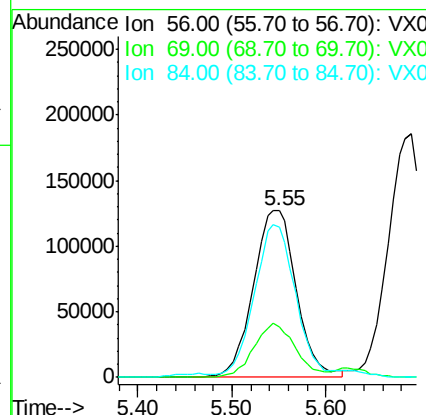
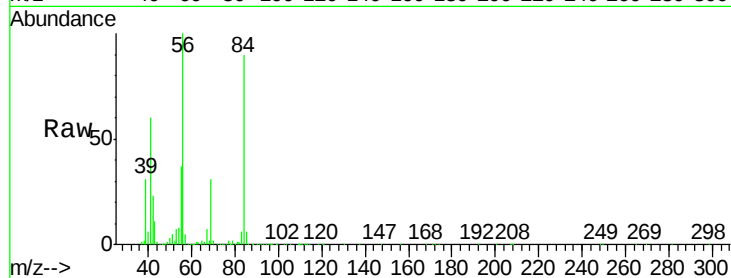
#31
Cyclohexane
Concen: 44.754 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.9	35.9
84	88.2	67.0	100.4

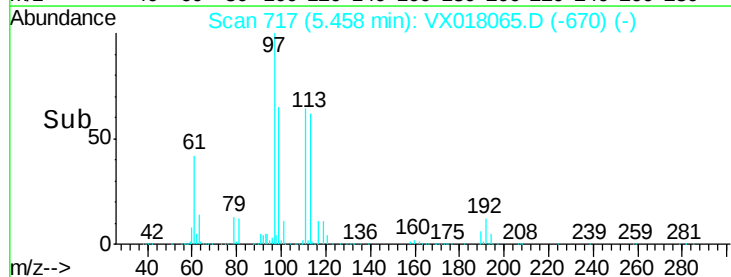
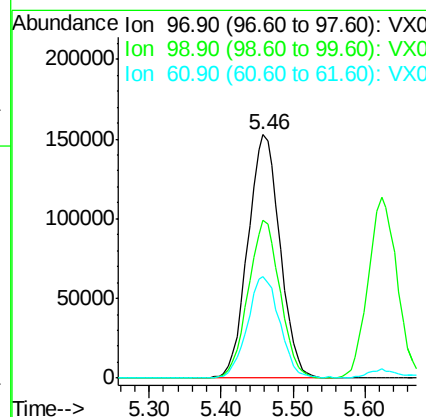
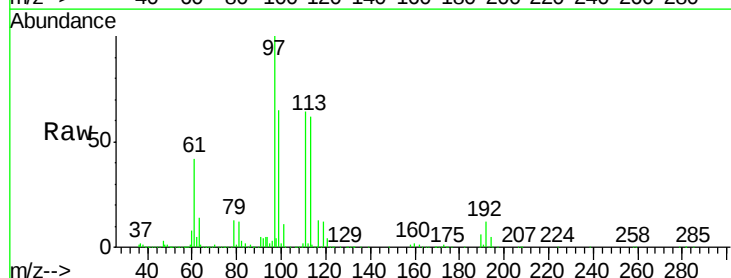
Manual Integrations
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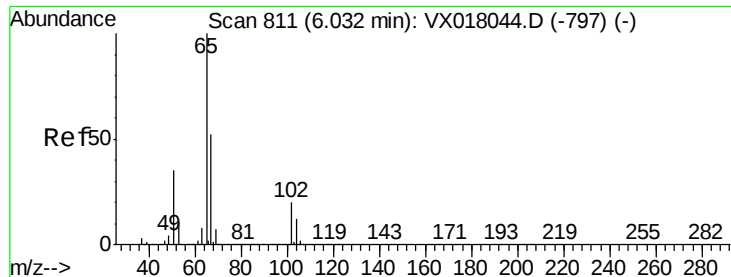
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.499 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	41.8	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 47.712 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 359468

Ion Ratio Lower Upper

65 100

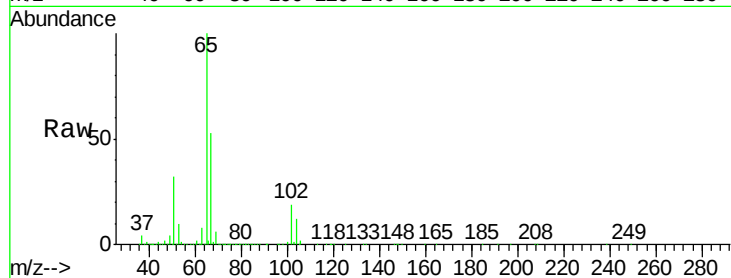
67 51.8 0.0 105.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

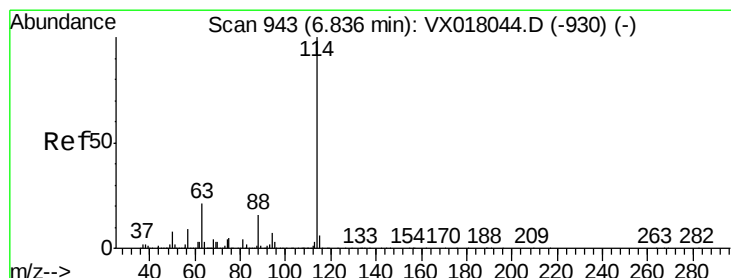
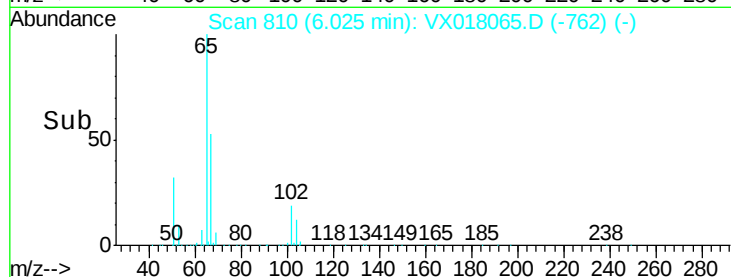
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

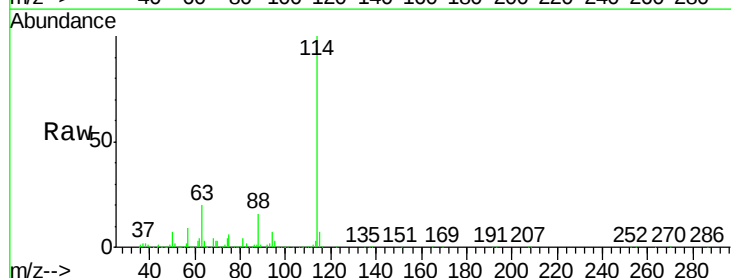
Tgt Ion: 114 Resp: 809402

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.7 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

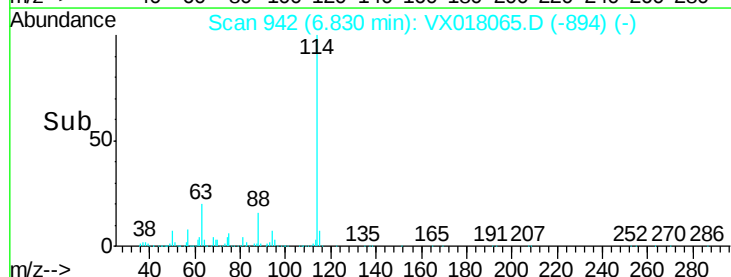
300000

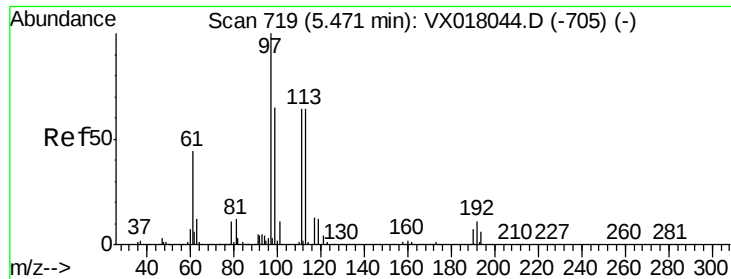
200000

100000

0

Time-->





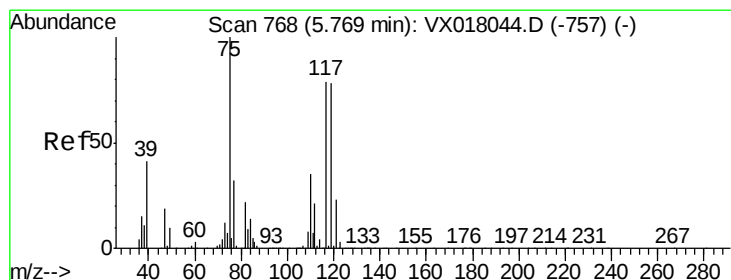
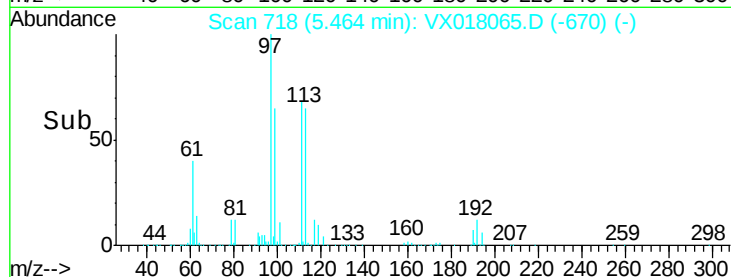
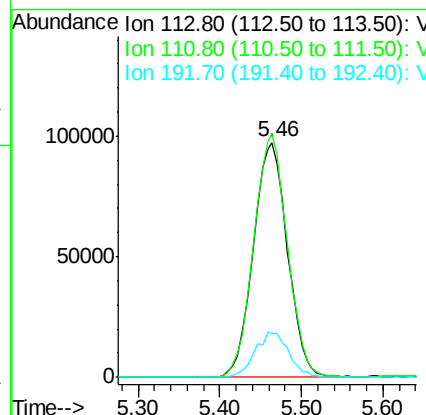
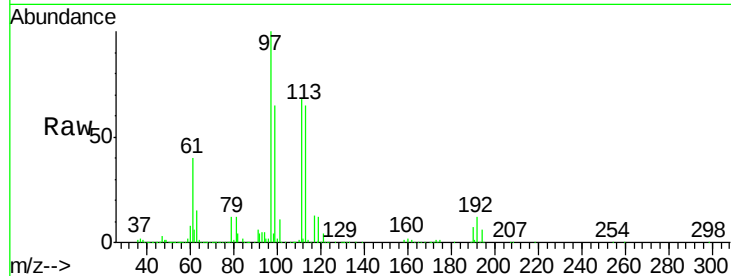
#35
 Dibromofluoromethane
 Concen: 51.450 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	283615		
111	102.2	81.6	122.4	
192	19.3	15.8	23.8	

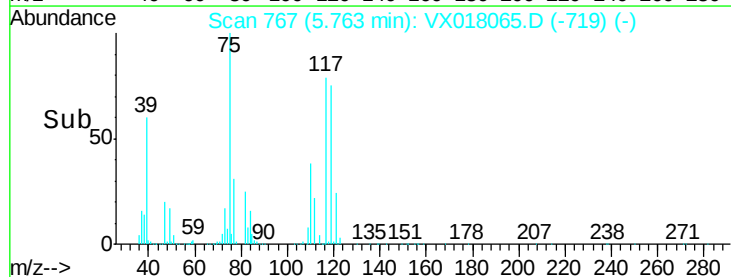
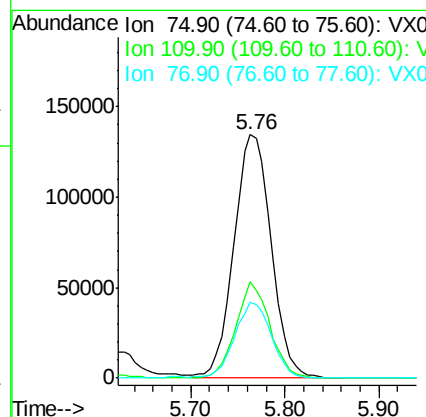
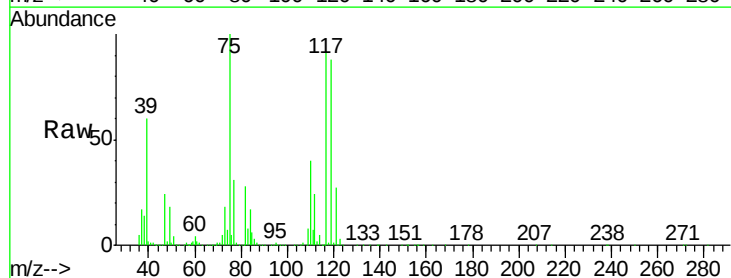
Manual Integrations
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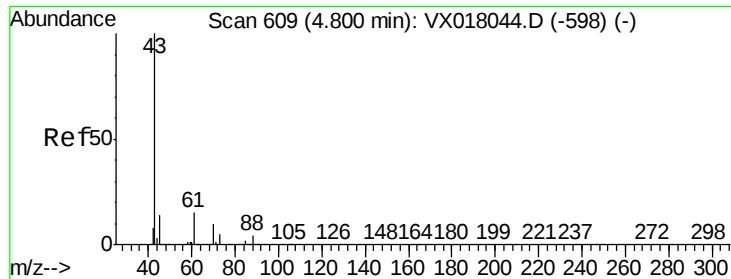
MMDadoda
 8/27/2020 12:19:20 PM



#36
 1,1-Dichloropropene
 Concen: 49.447 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	369143		
110	36.4	18.0	54.0	
77	31.0	24.4	36.6	





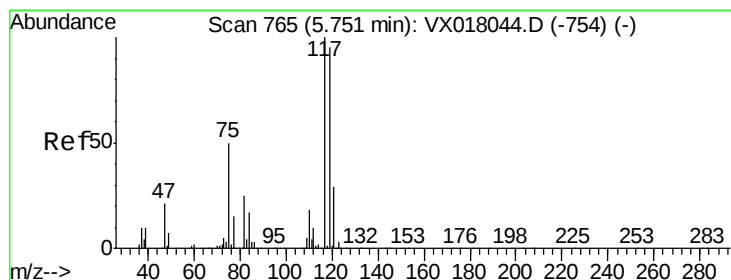
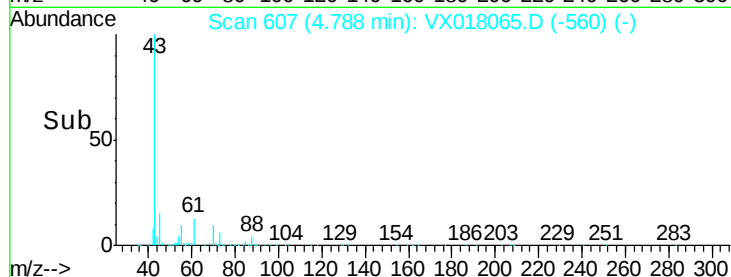
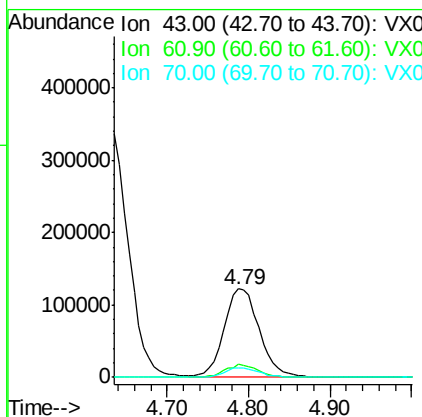
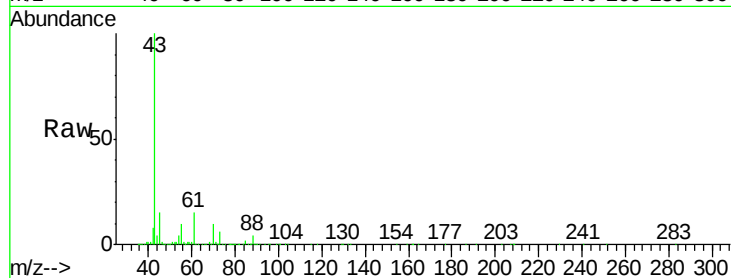
#37
Ethyl Acetate
Concen: 41.623 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	360904
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.3	16.9
70	10.8	8.2	12.4

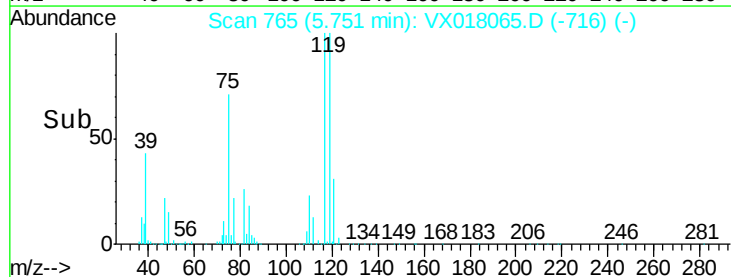
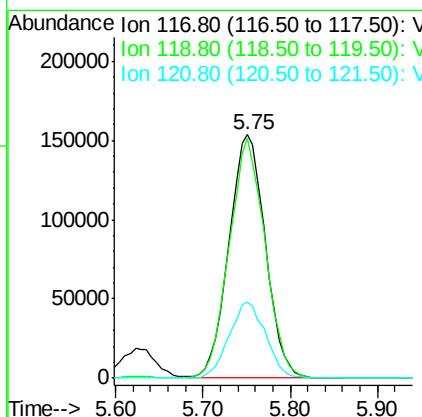
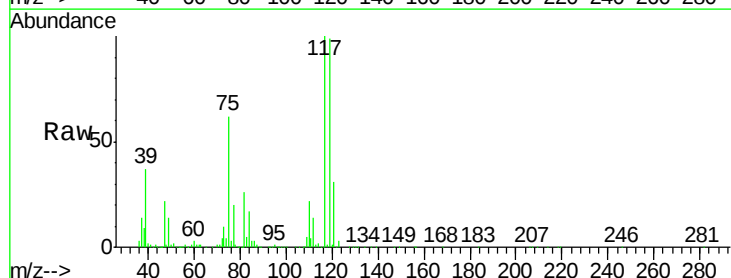
Manual Integrations
APPROVED

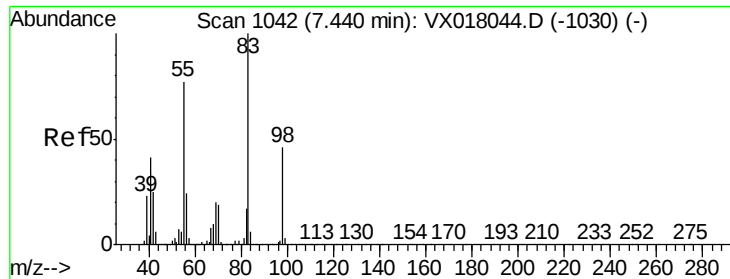
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#38
Carbon Tetrachloride
Concen: 52.714 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	117	Resp	443497
Ion Ratio	Lower	Upper	
117	100		
119	98.6	75.8	113.6
121	31.1	23.4	35.0





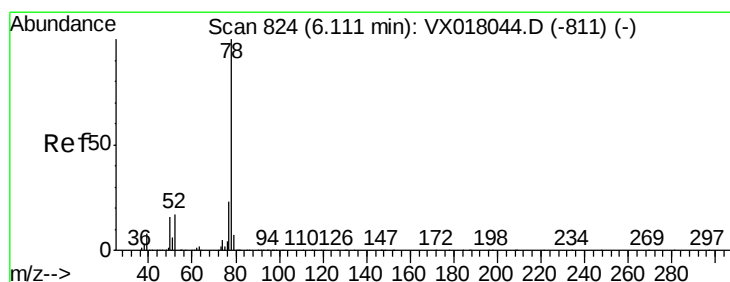
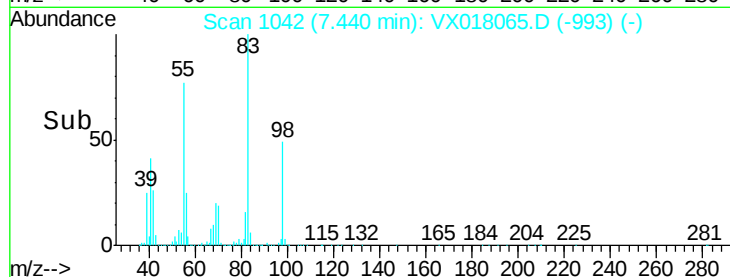
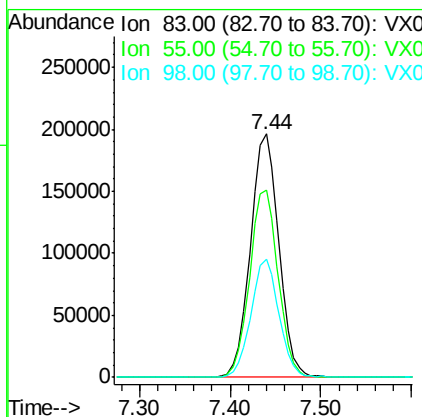
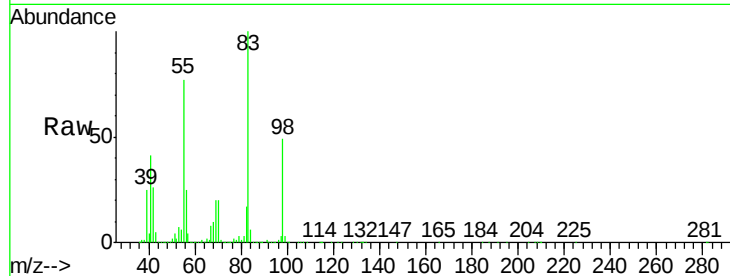
#39
Methvlcvclohexane
Concen: 52.080 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.8	92.6
98	48.5	36.6	55.0

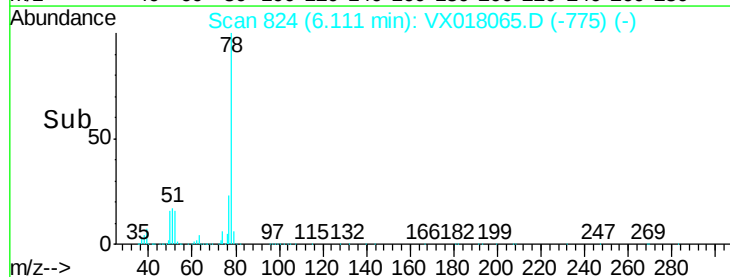
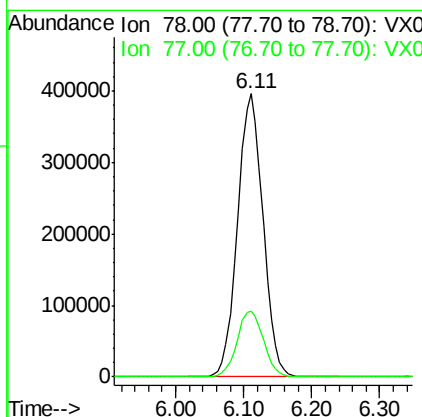
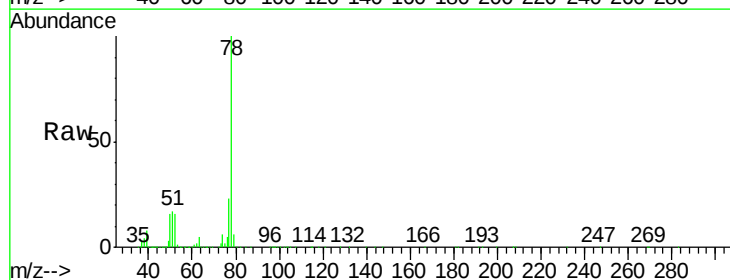
Manual Integrations
APPROVED

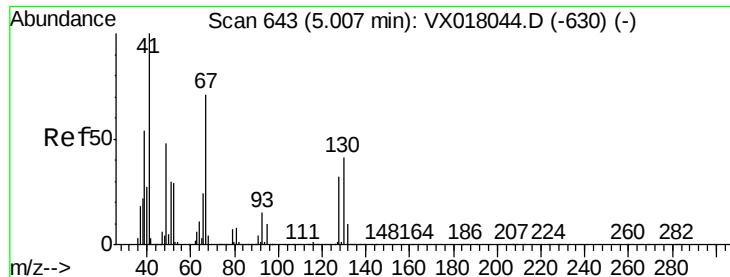
MMDadoda
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#40
Benzene
Concen: 46.832 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.2





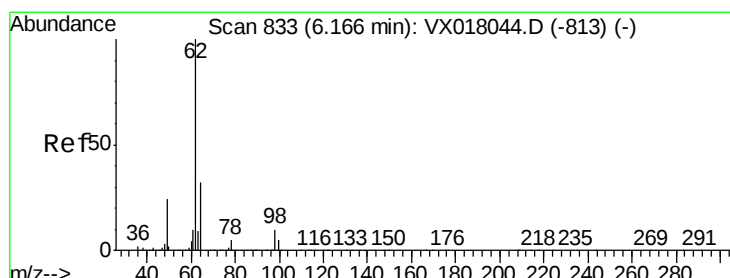
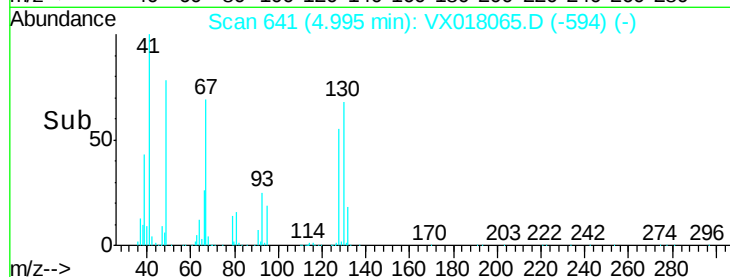
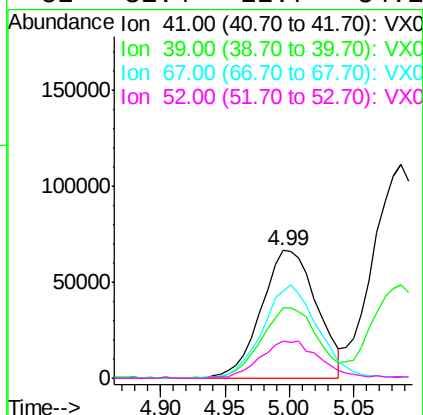
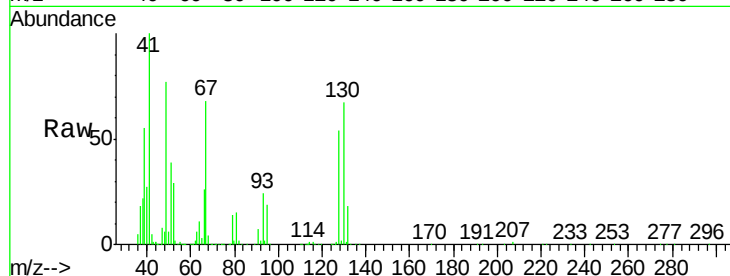
#41
Methacrylonitrile
Concen: 41.593 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	43.1	64.7	
67	72.9	56.0	84.0	
52	31.4	22.7	34.1	

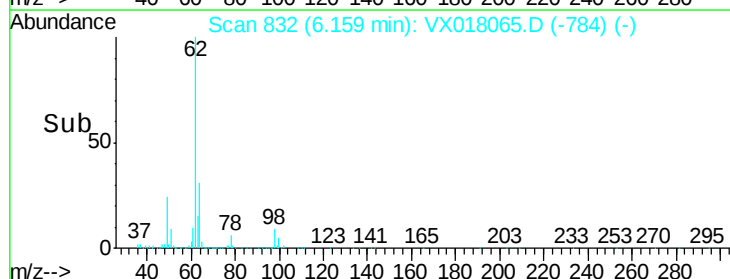
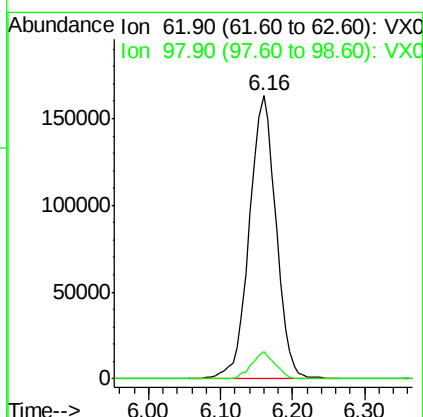
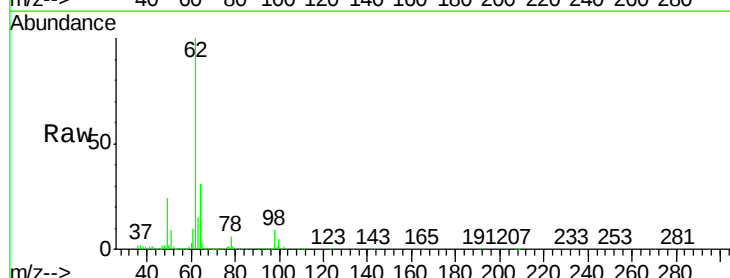
Manual Integrations
APPROVED

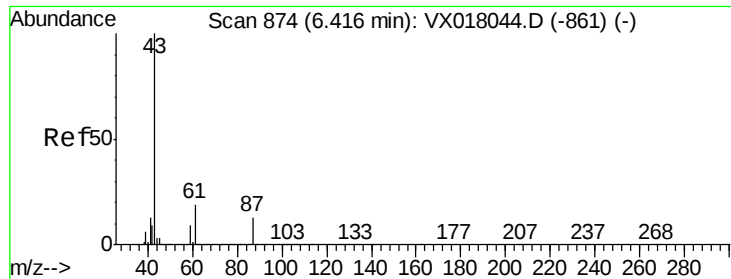
MMDadoda
8/27/2020 12:19:20 PM



#42
1,2-Dichloroethane
Concen: 50.127 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	18.2	





#43

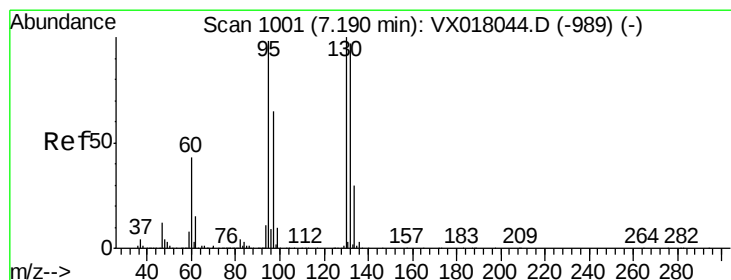
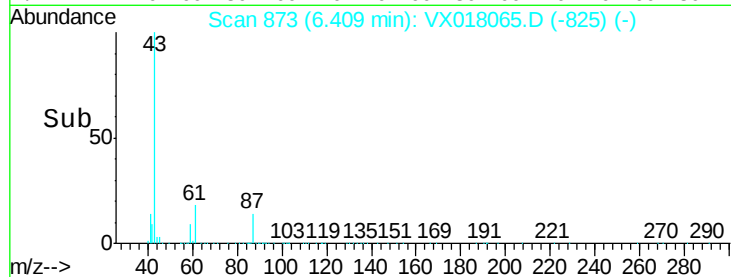
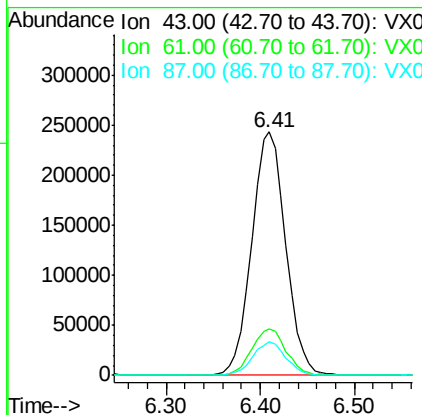
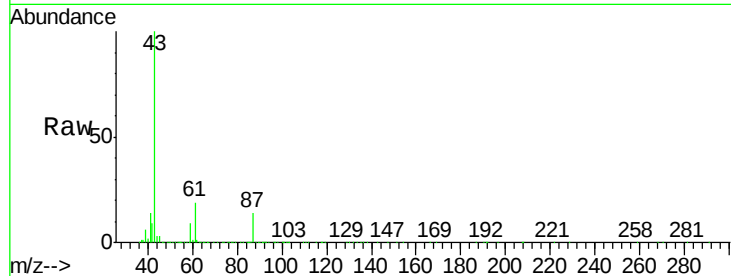
Isopropyl Acetate
 Concen: 43.505 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	61	87
Ratio	100	19.5	13.6
Lower		15.7	10.3
Upper		23.5	15.5

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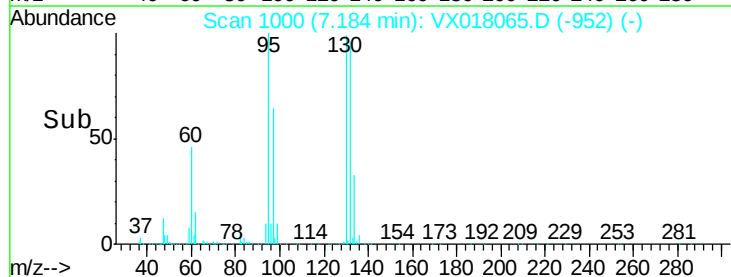
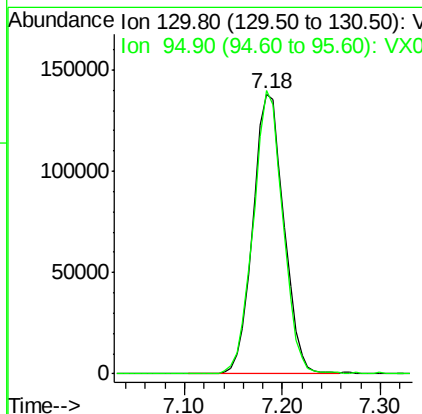
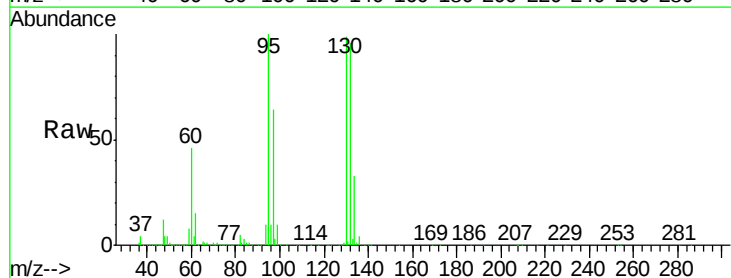
MMDadoda
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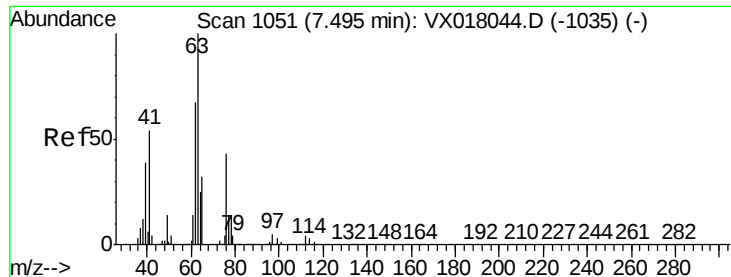


#44

Trichloroethene
 Concen: 48.894 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion	130	95
Ratio	100	101.1
Lower		0.0
Upper		196.4





#45

1,2-Dichloropropane

Concen: 47.051 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 278179

Ion Ratio Lower Upper

63 100

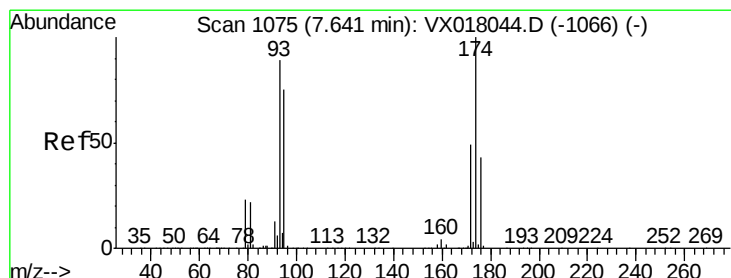
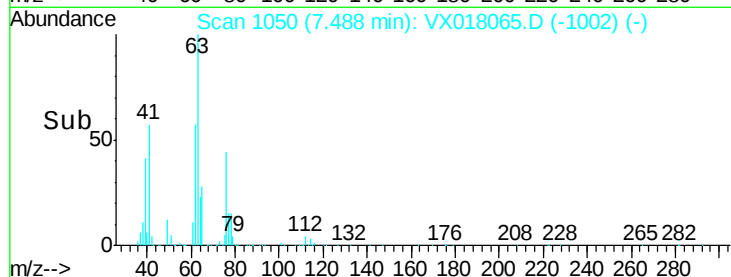
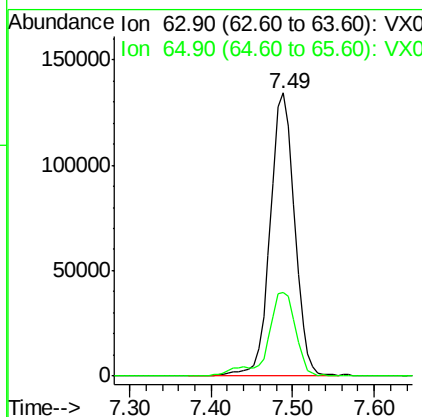
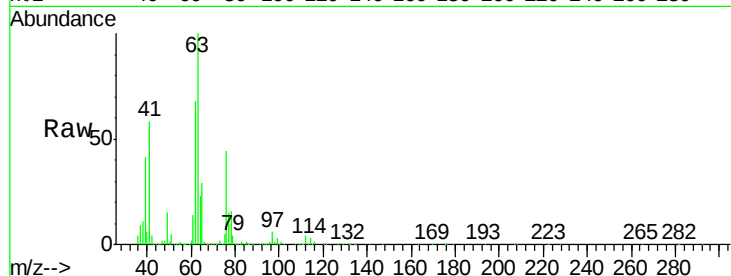
65 29.3 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 46.163 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

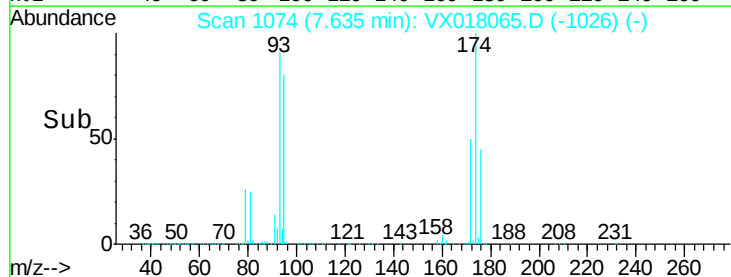
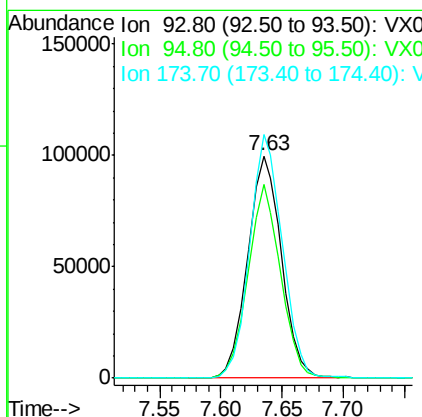
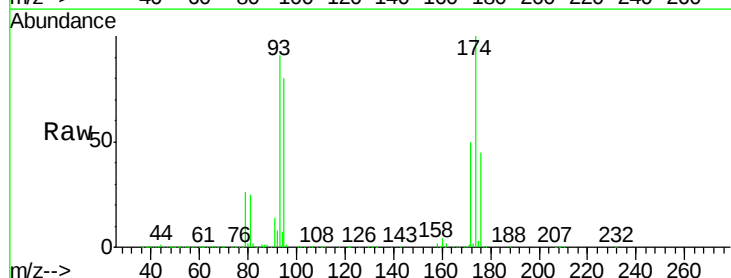
Tgt Ion: 93 Resp: 191929

Ion Ratio Lower Upper

93 100

95 84.3 67.3 100.9

174 106.3 82.2 123.2





#47

Bromodichloromethane

Concen: 49.616 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

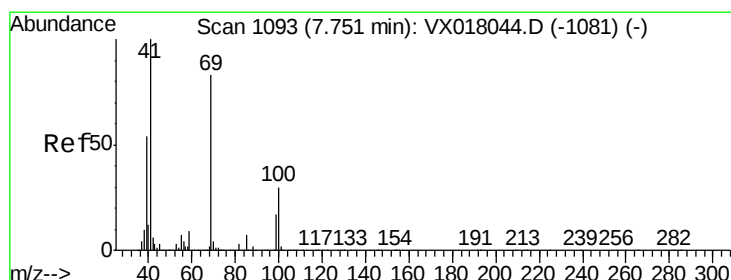
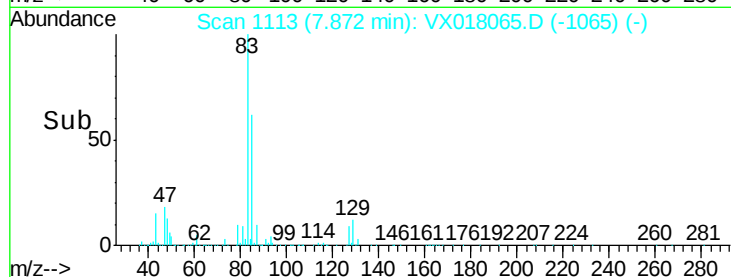
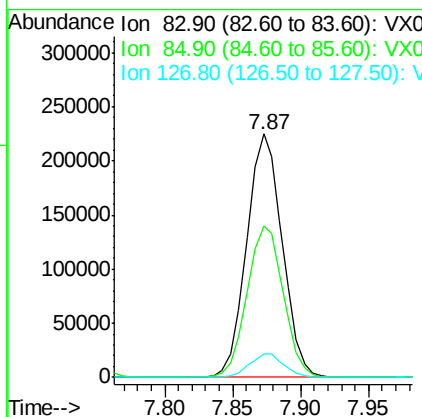
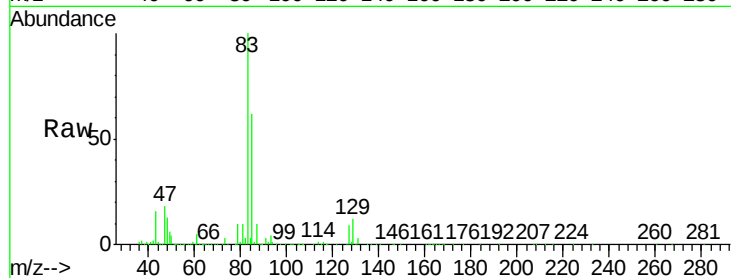
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	411886
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.8	77.6
127	9.4	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 43.634 ug/l

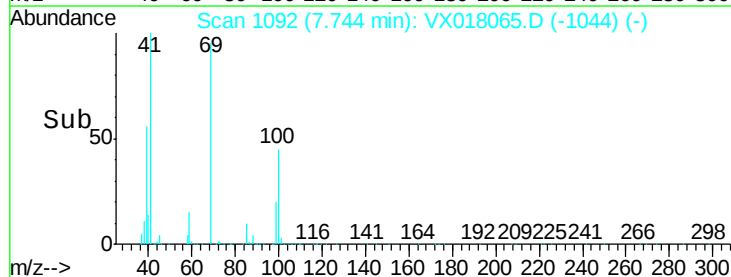
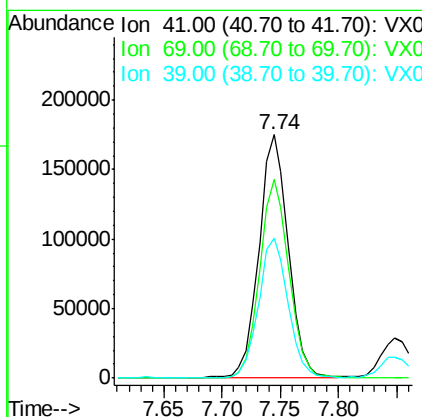
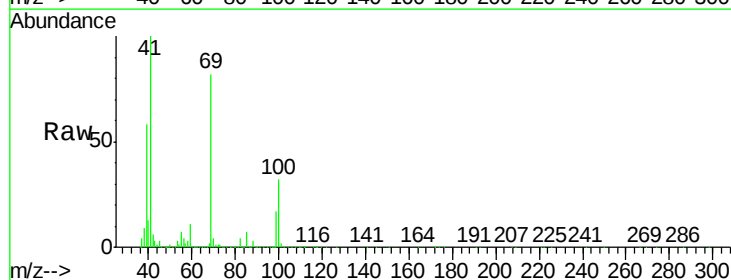
RT: 7.74 min Scan# 1092

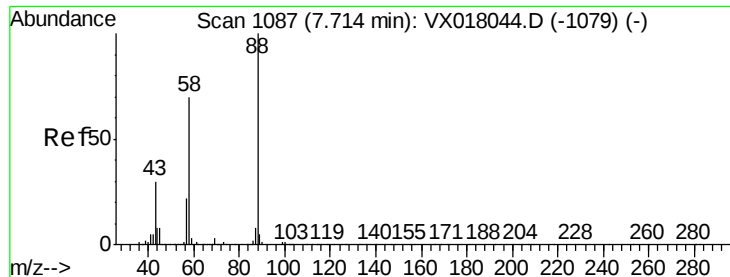
Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion:	41	Resp:	304205
Ion	Ratio	Lower	Upper
41	100		
69	82.0	65.5	98.3
39	58.0	44.5	66.7





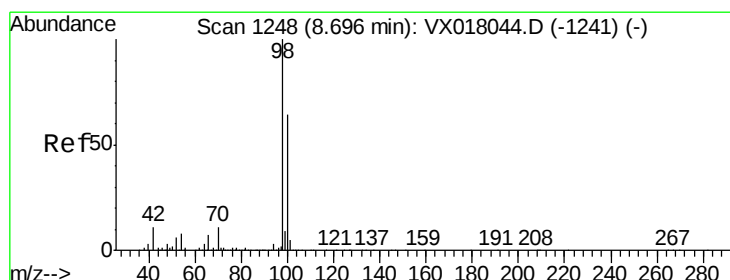
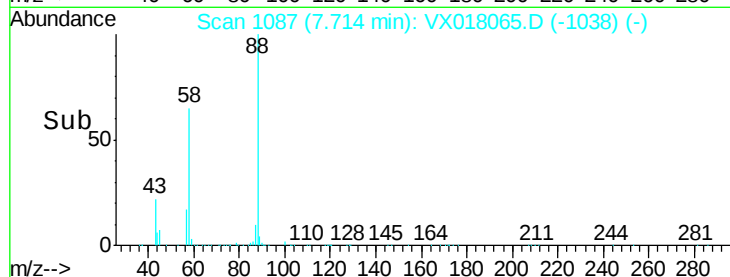
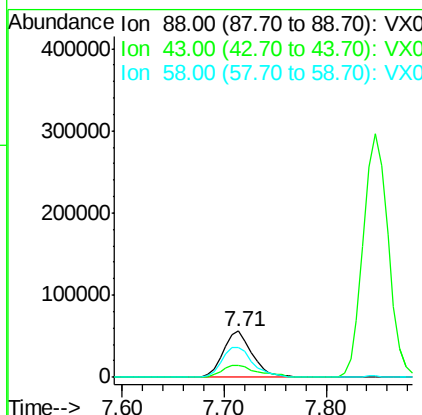
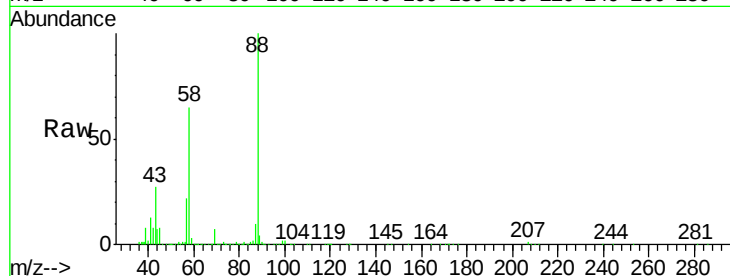
#49
1,4-Dioxane
Concen: 884.742 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.4	41.0
58	70.8	56.4	84.6

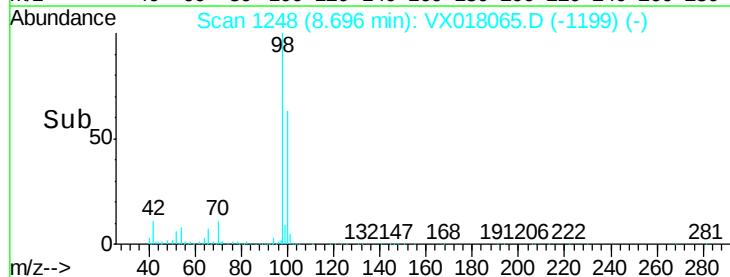
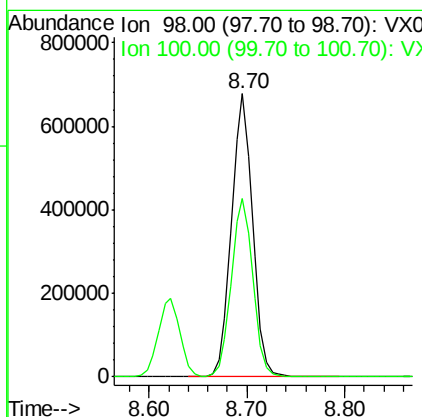
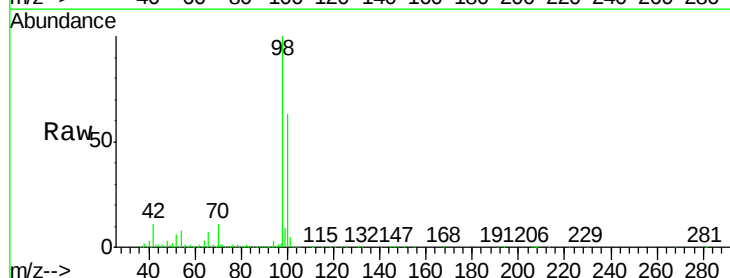
Manual Integrations
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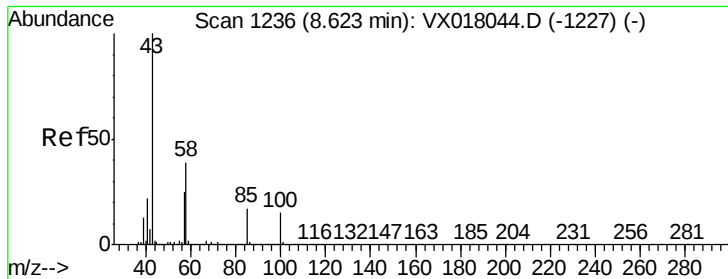
MMDadoda
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#50
Toluene-d8
Concen: 49.448 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 214.699 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1857341

Ion Ratio Lower Upper

43 100

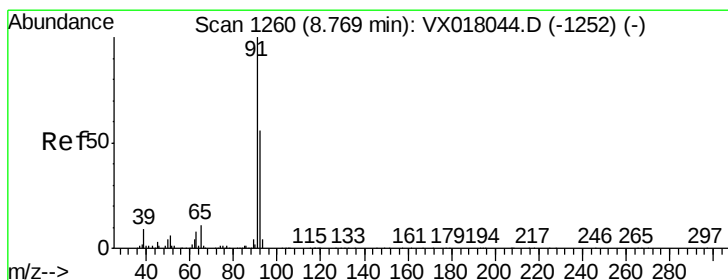
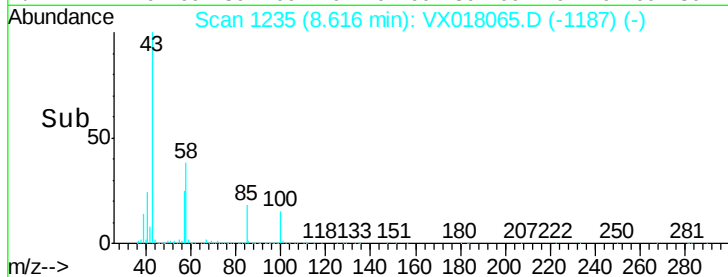
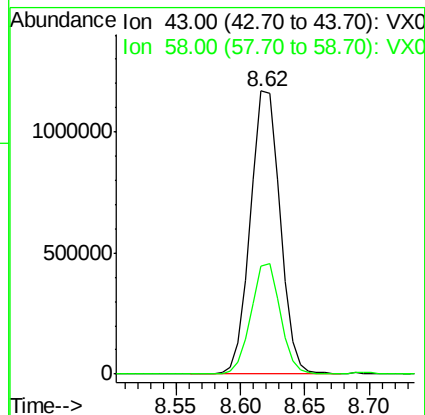
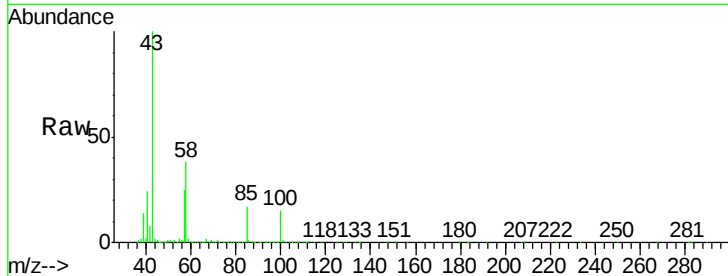
58 38.4 30.7 46.1

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#52

Toluene

Concen: 47.924 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018065.D

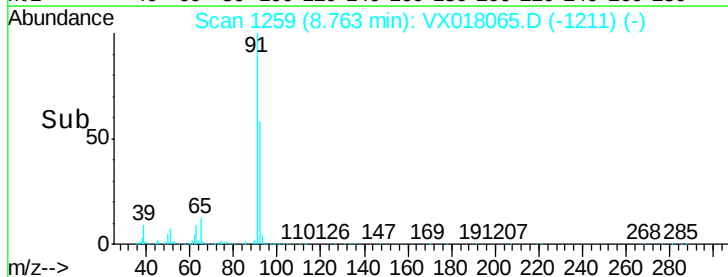
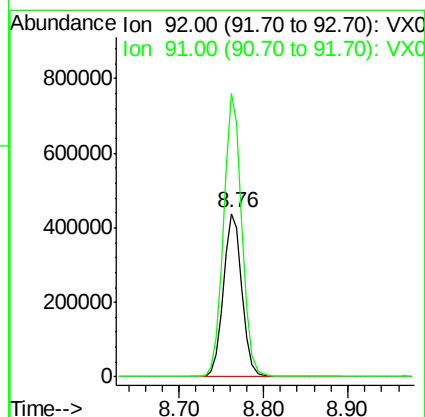
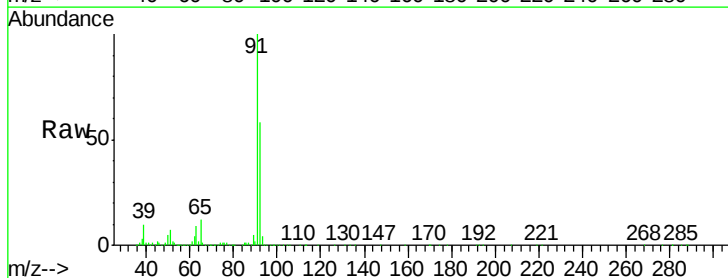
Acq: 26 Aug 2020 09:59

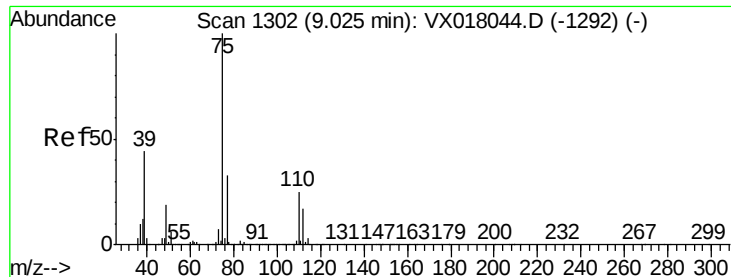
Tgt Ion: 92 Resp: 666622

Ion Ratio Lower Upper

92 100

91 170.7 140.3 210.5





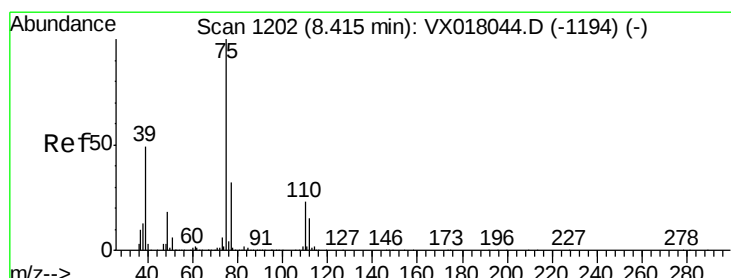
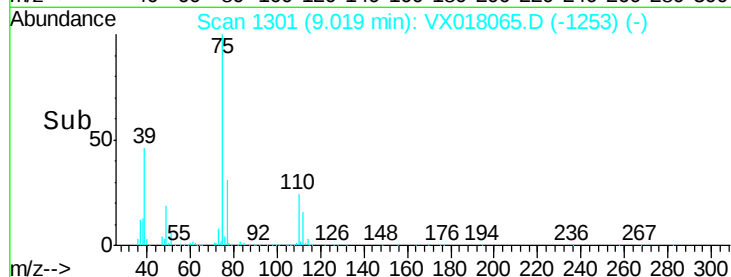
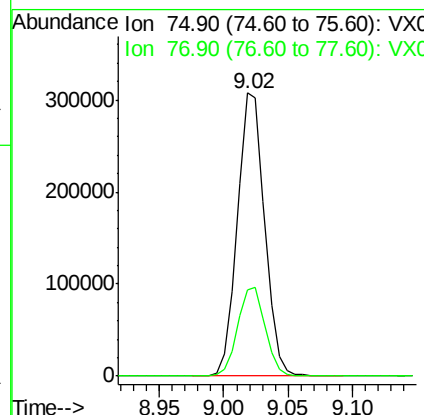
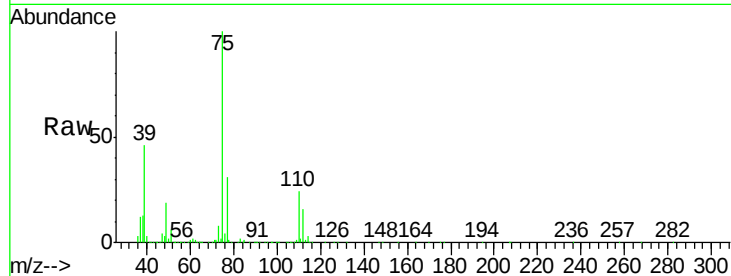
#53
t-1,3-Dichloropropene
Concen: 49.164 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.6	39.8

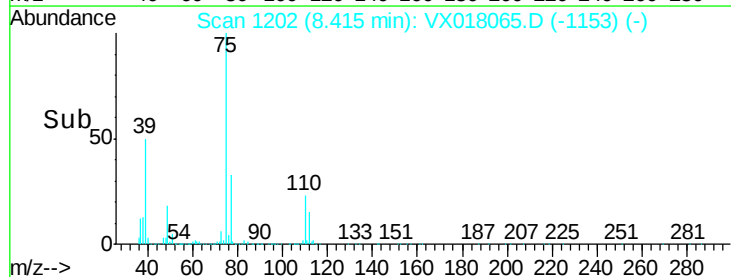
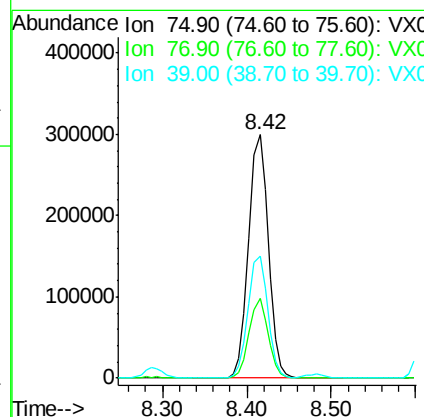
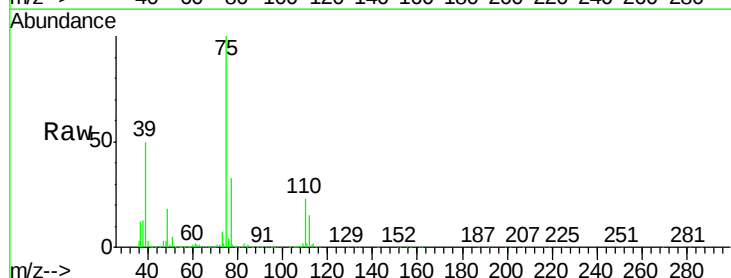
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#54
cis-1,3-Dichloropropene
Concen: 48.310 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.8
39	50.1	38.8	58.2





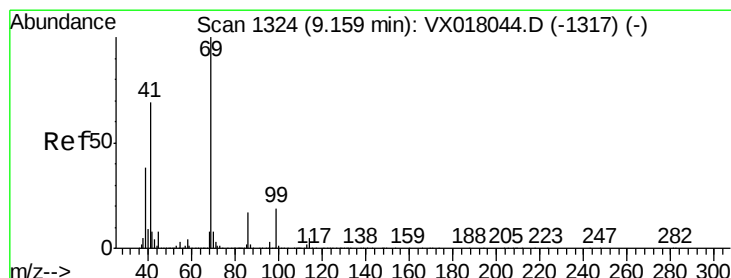
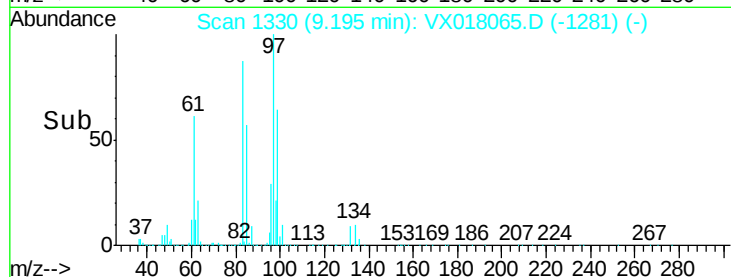
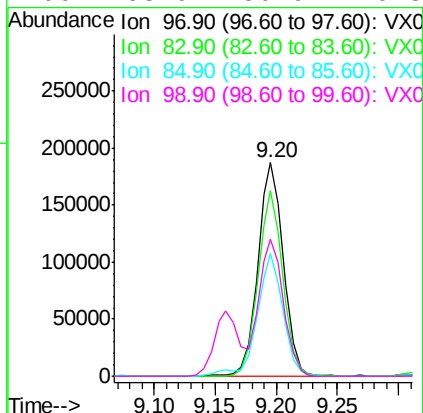
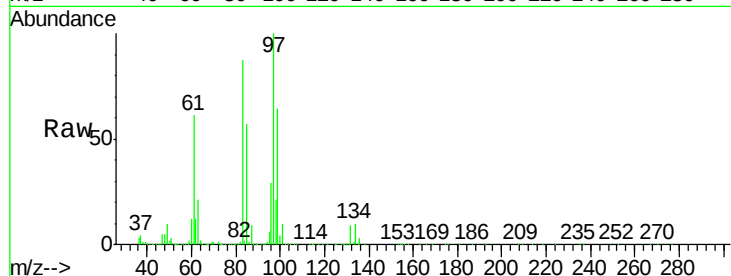
#55
 1,1,2-Trichloroethane
 Concen: 45.723 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		271251		
83	86.8	67.8	101.6		
85	57.3	45.3	67.9		
99	63.9	50.9	76.3		

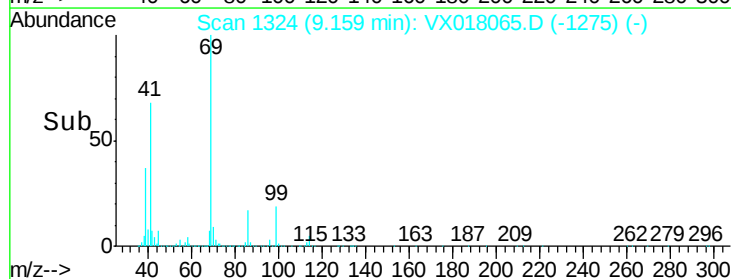
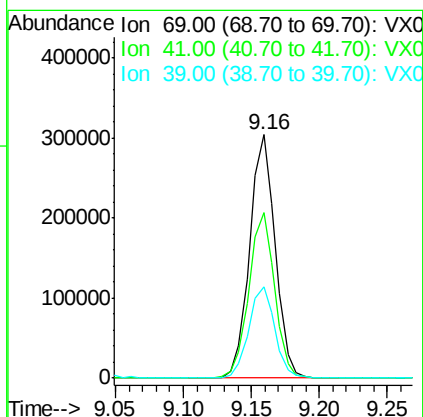
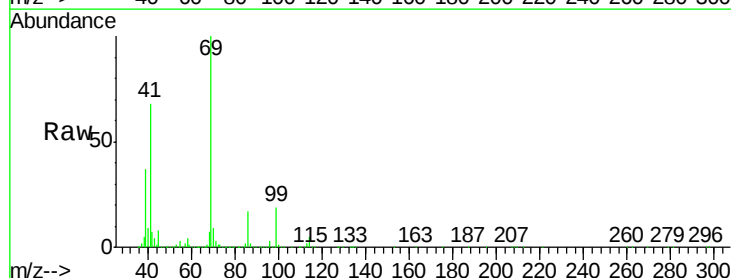
Manual Integrations
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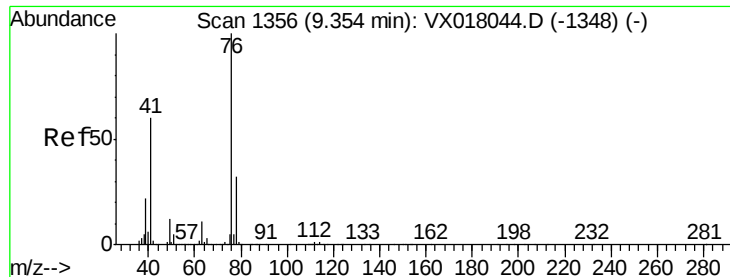
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#56
 Ethyl methacrylate
 Concen: 45.617 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		402308		
41	68.6	54.6	81.8		
39	38.2	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 46.410 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 454115

Ion Ratio Lower Upper

76 100

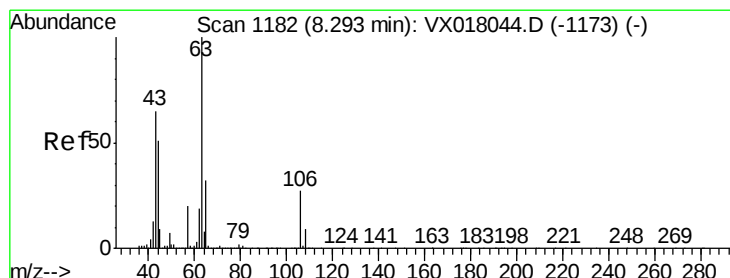
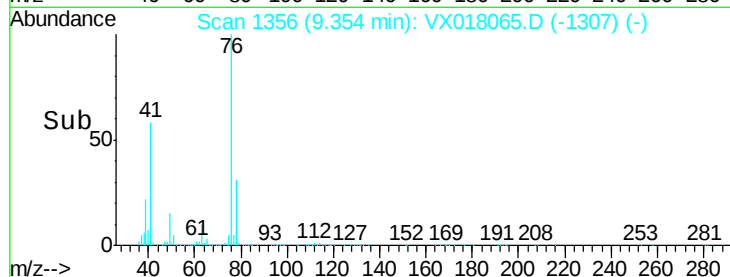
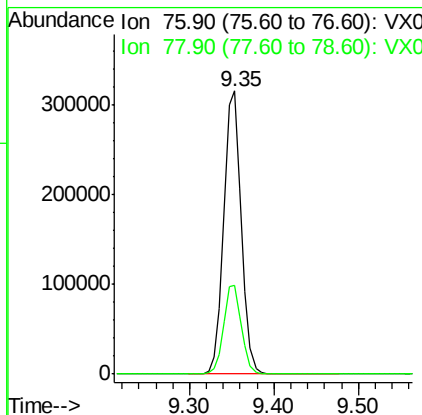
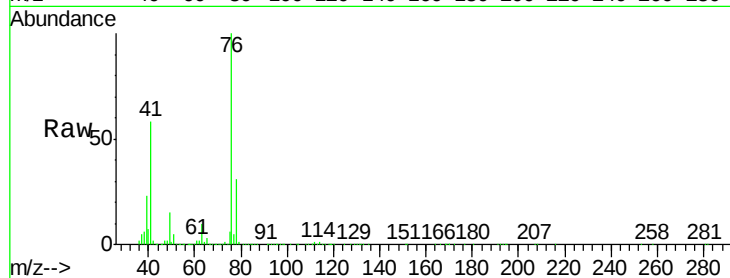
78 31.8 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 222.429 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018065.D

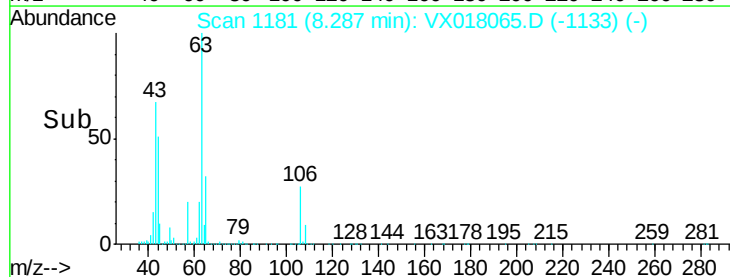
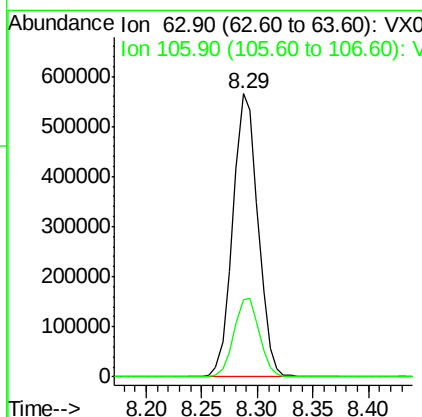
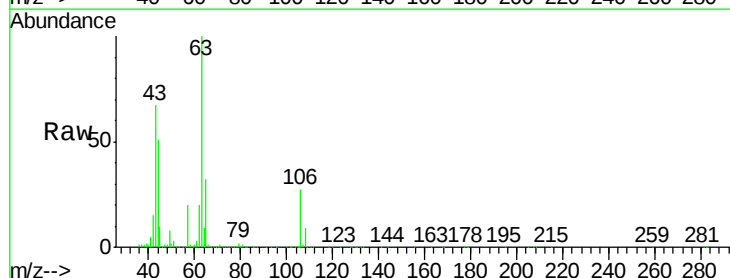
Acq: 26 Aug 2020 09:59

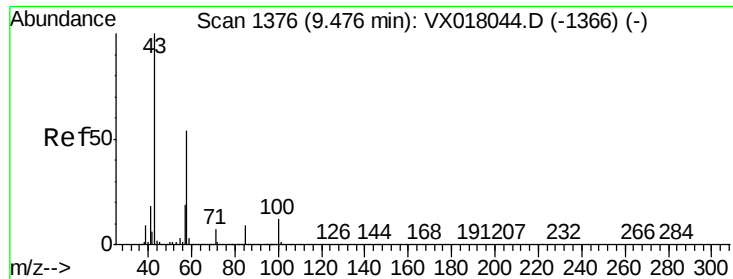
Tgt Ion: 63 Resp: 882445

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1





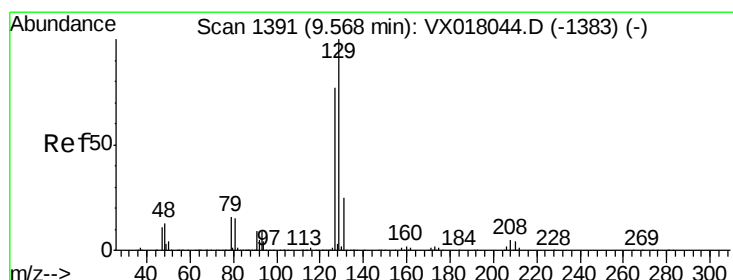
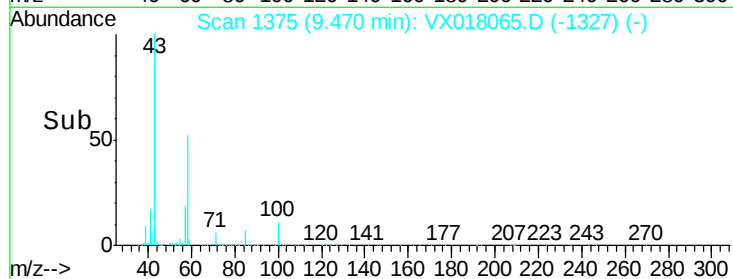
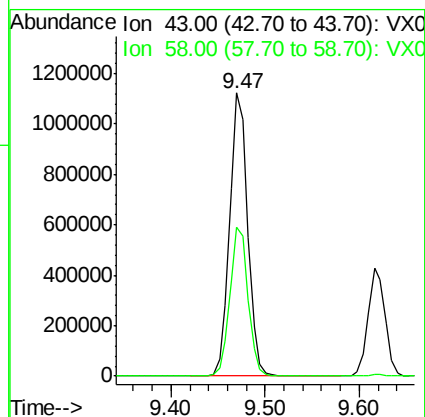
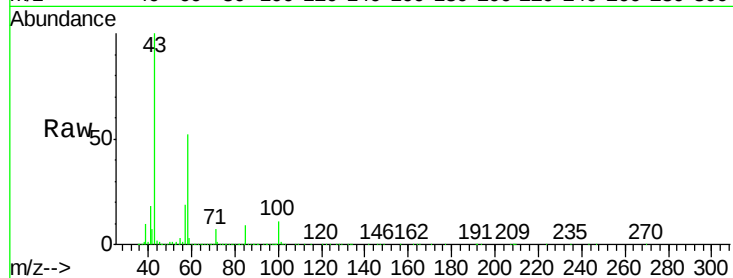
#59
2-Hexanone
Concen: 225.832 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1485529
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.7

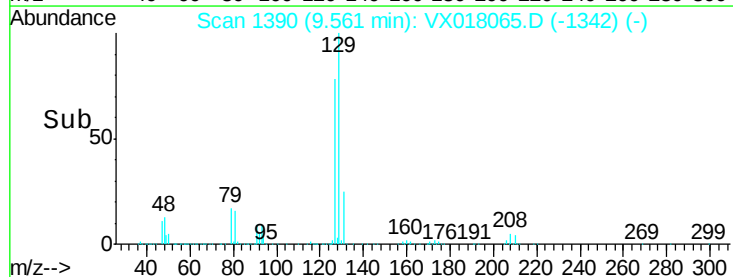
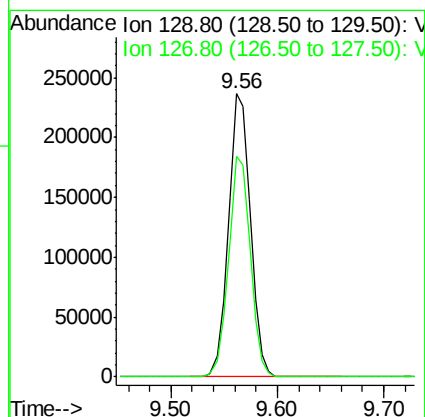
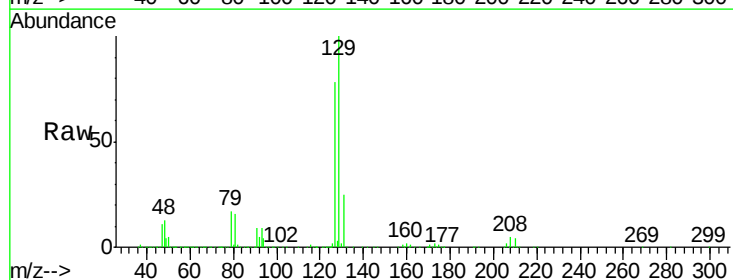
Manual Integrations
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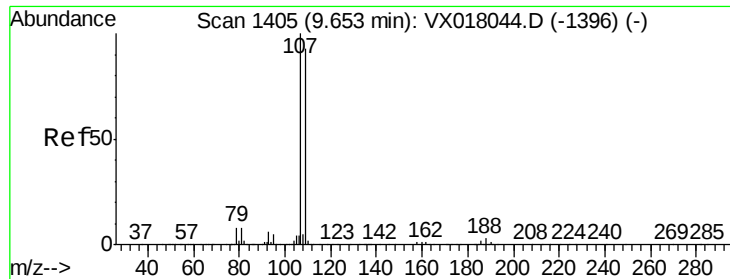
MMDadoda
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#60
Dibromochloromethane
Concen: 49.287 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 129 Resp: 343005
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 46.361 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 298595

Ion Ratio Lower Upper

107 100

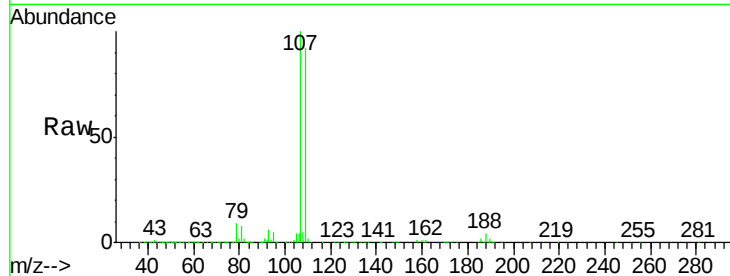
109 94.8 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

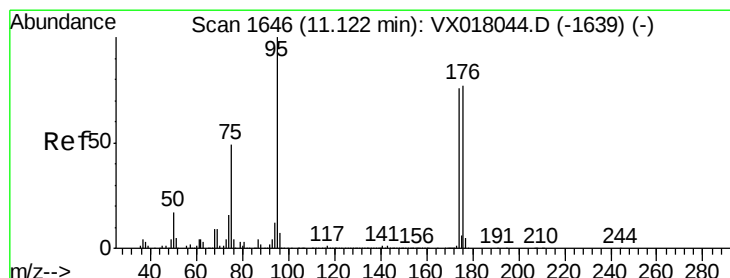
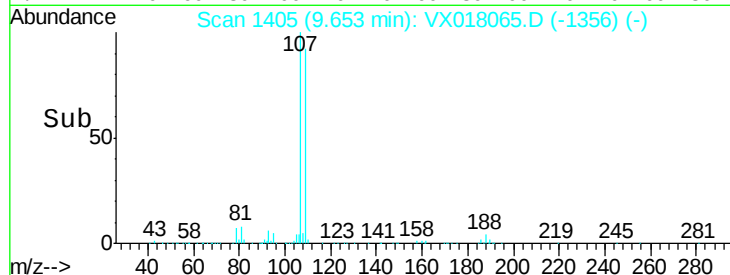
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.873 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

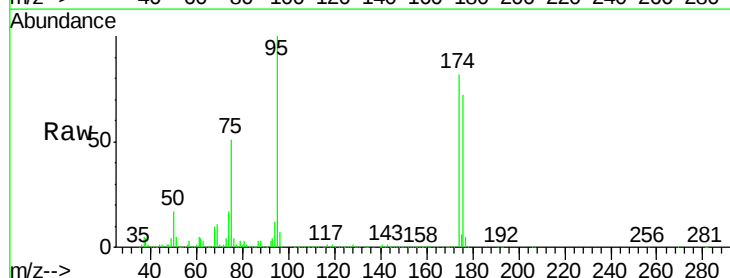
Tgt Ion: 95 Resp: 402864

Ion Ratio Lower Upper

95 100

174 82.8 0.0 160.2

176 76.9 0.0 155.8



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

11.12

400000

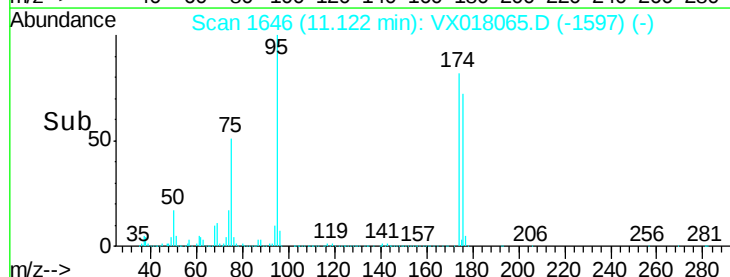
300000

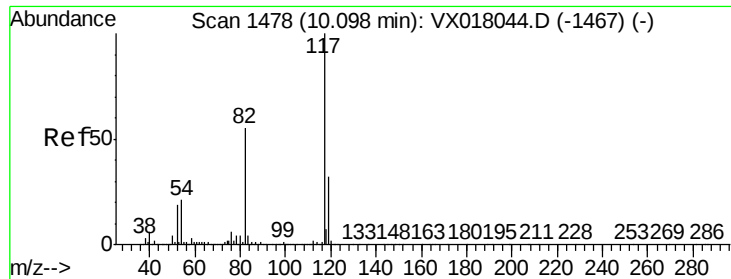
200000

100000

0

Time-->





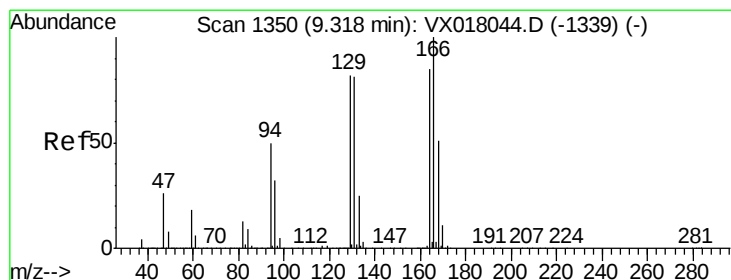
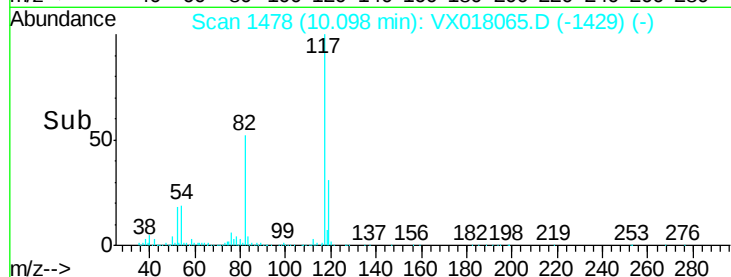
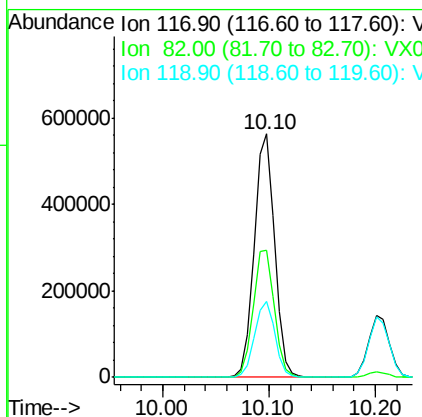
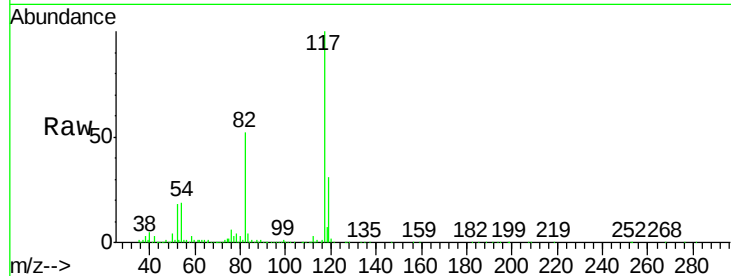
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.1	44.2	66.2
119	31.1	25.7	38.5

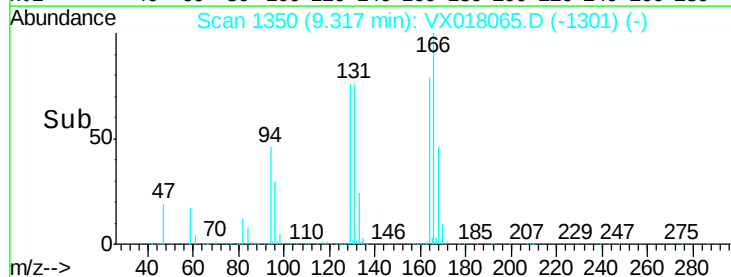
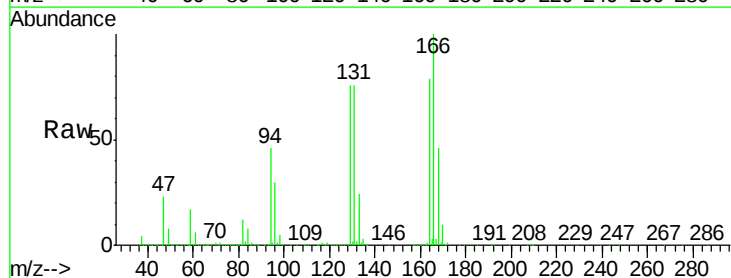
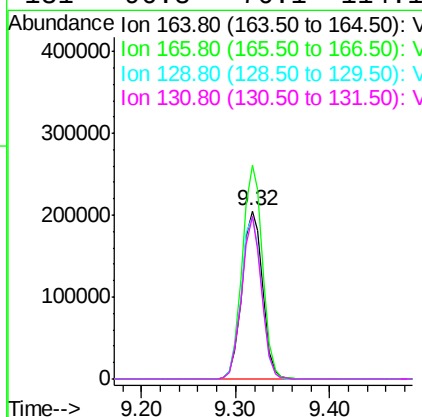
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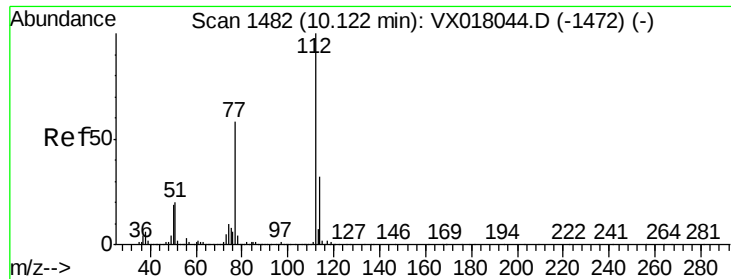
MMDadoda
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#64
Tetrachloroethene
Concen: 55.410 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.2	94.2	141.2
129	96.8	76.9	115.3
131	96.8	76.1	114.1





#65

Chlorobenzene

Concen: 48.384 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 731894

Ion Ratio Lower Upper

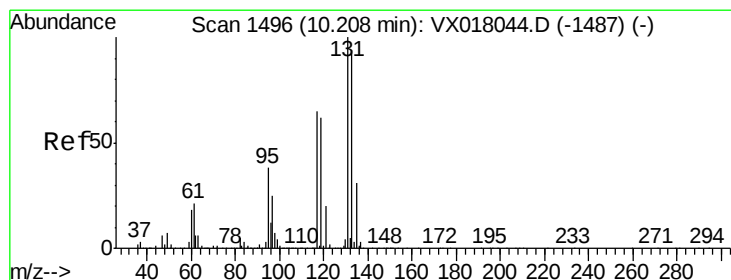
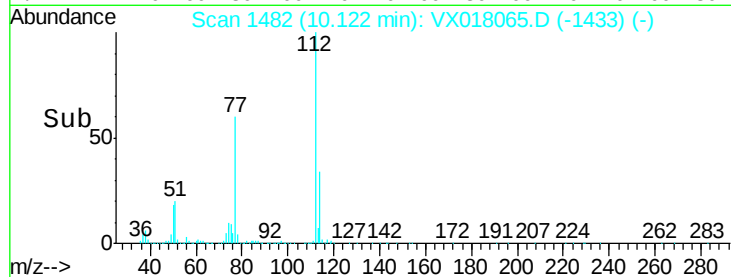
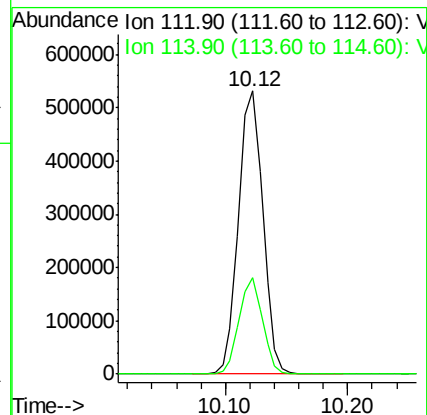
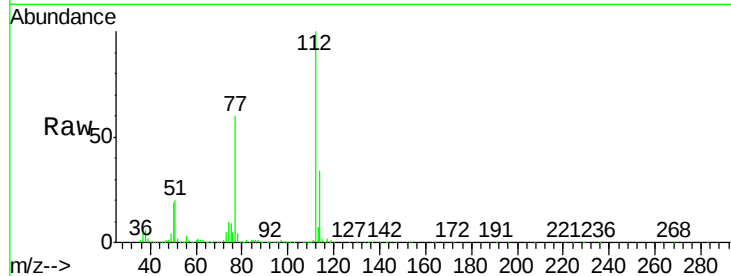
112 100

114 34.0 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 50.869 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

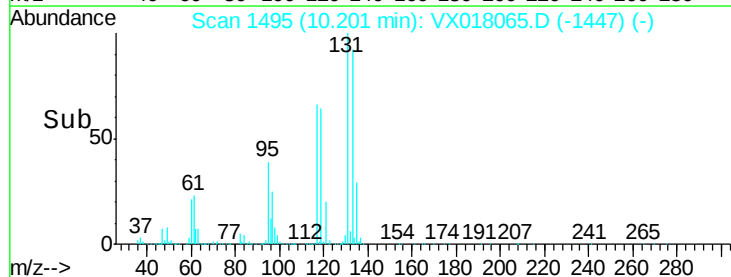
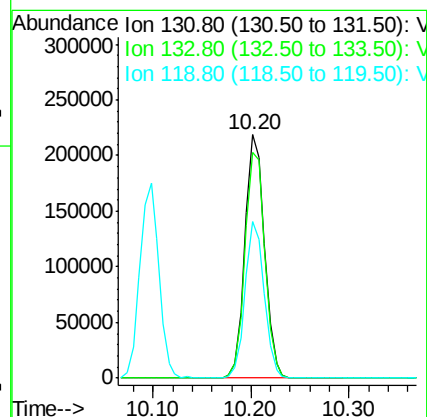
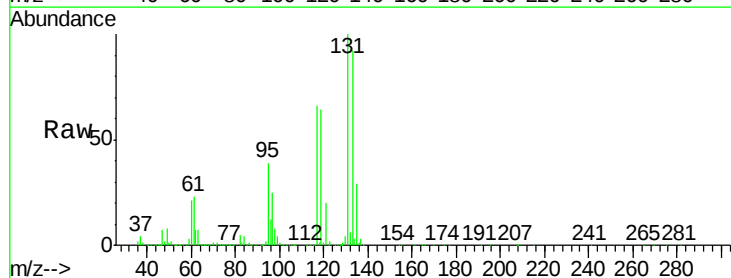
Tgt Ion:131 Resp: 303284

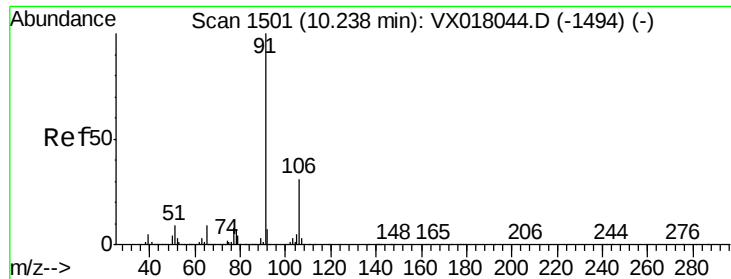
Ion Ratio Lower Upper

131 100

133 94.7 46.7 140.1

119 63.1 31.8 95.4





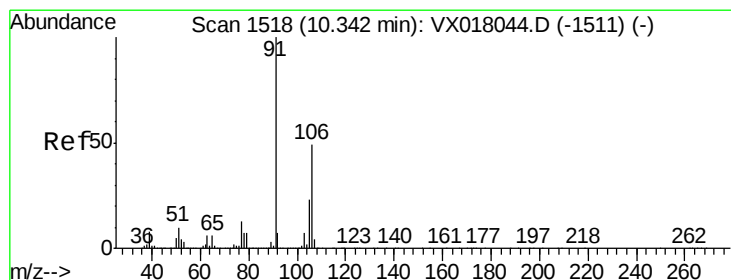
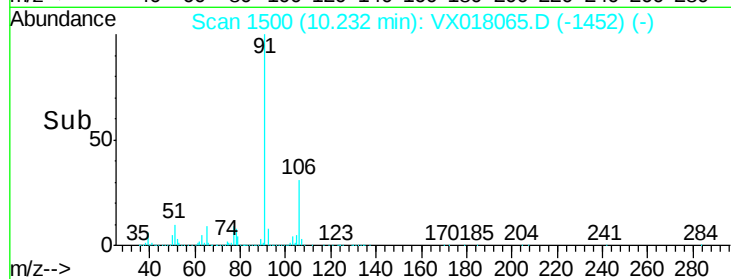
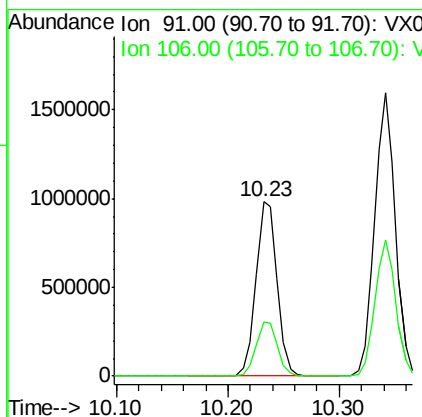
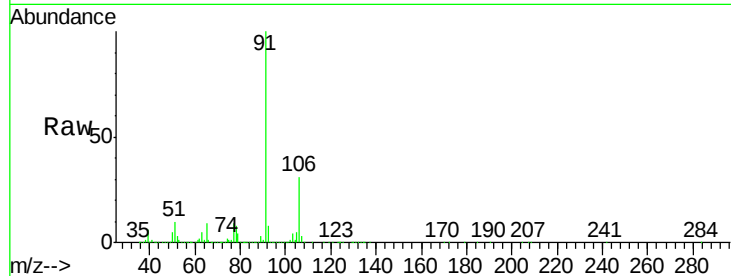
#67
Ethyl Benzene
Concen: 50.521 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1299640
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

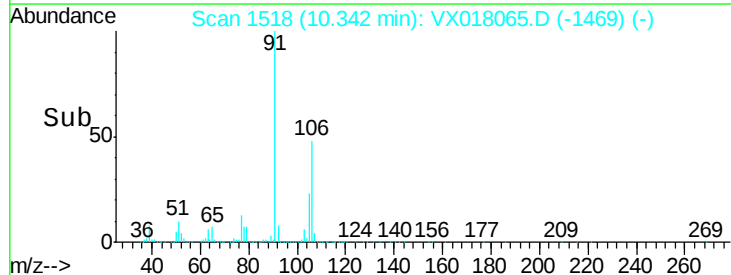
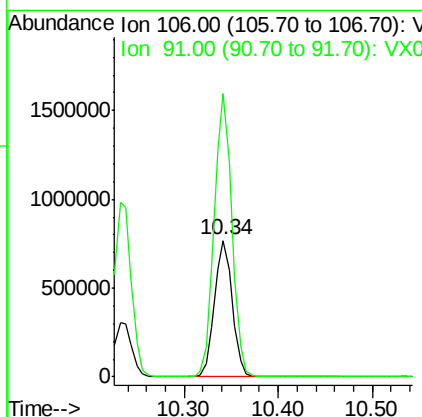
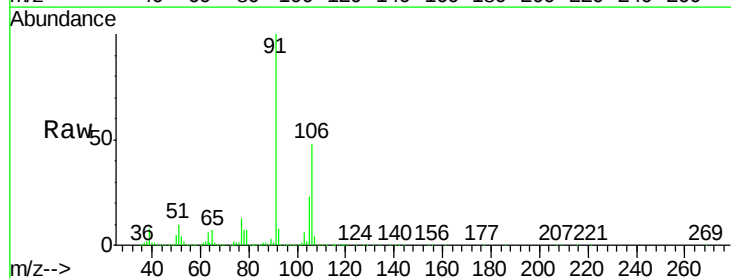
Manual Integrations
APPROVED

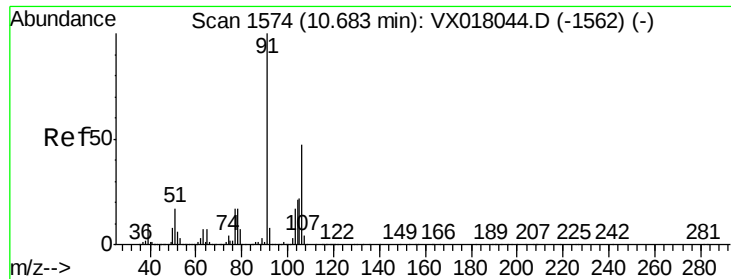
MMDadoda
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#68
m/p-Xylenes
Concen: 104.884 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 106 Resp: 1007055
Ion Ratio Lower Upper
106 100
91 206.1 162.2 243.2





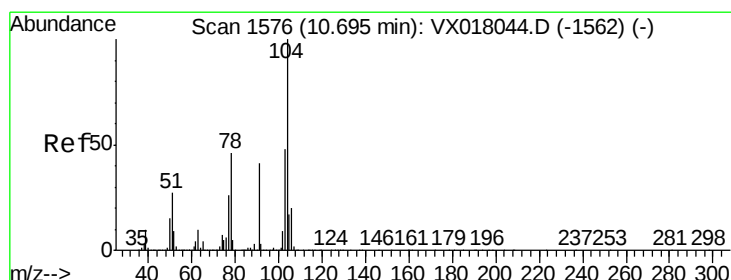
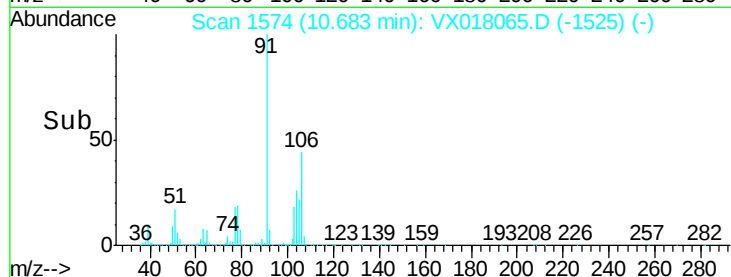
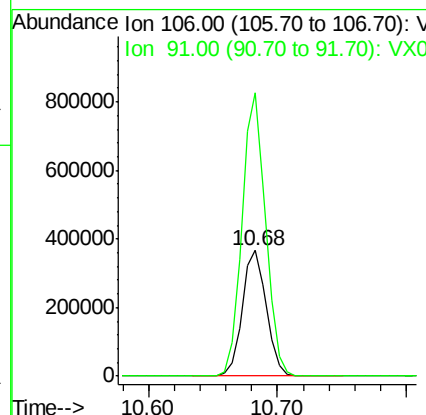
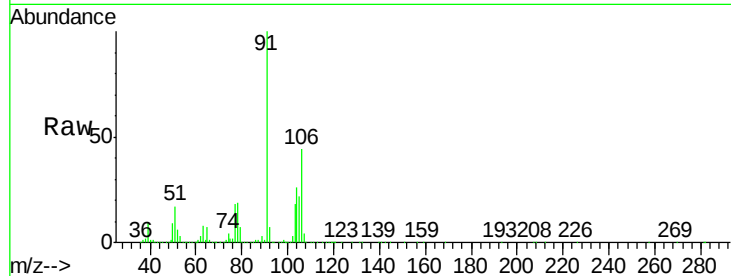
#69
o-Xylene
Concen: 50.634 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.9	107.1	321.3

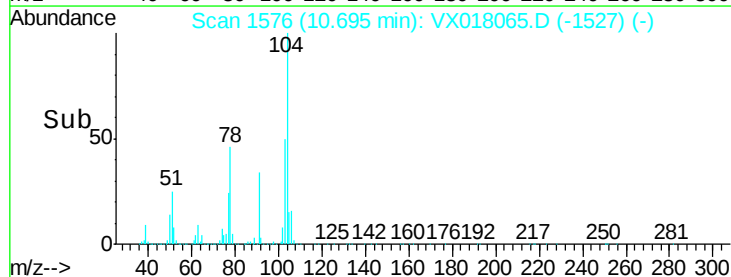
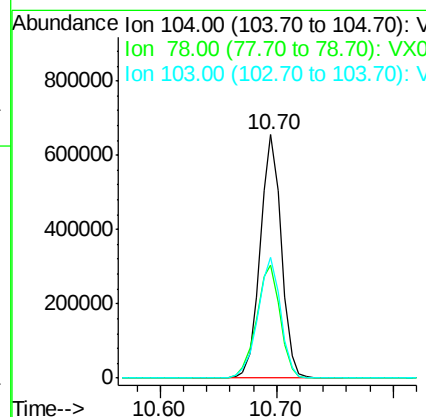
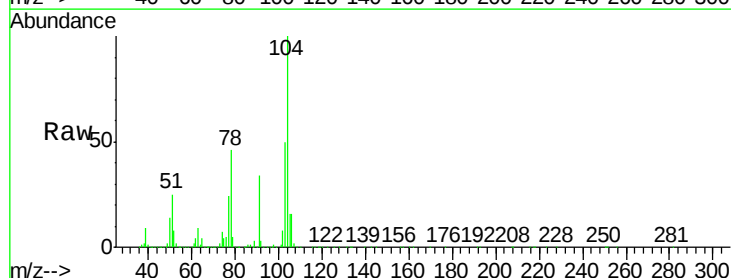
Manual Integrations
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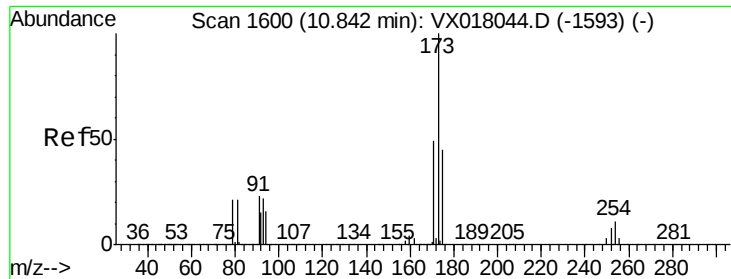
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#70
Styrene
Concen: 52.264 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	40.9	61.3
103	53.8	43.6	65.4





#71

Bromoform

Concen: 51.606 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

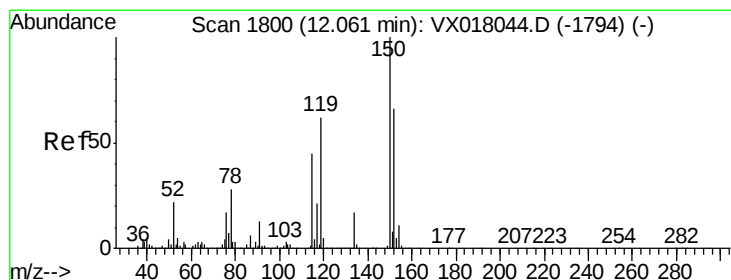
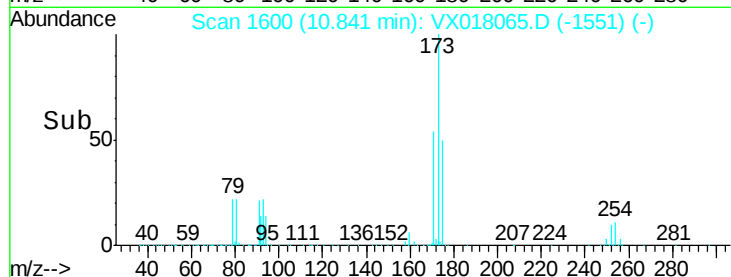
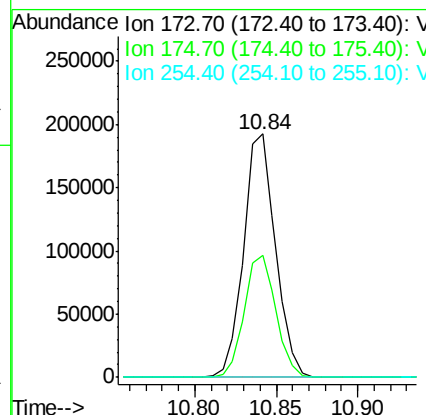
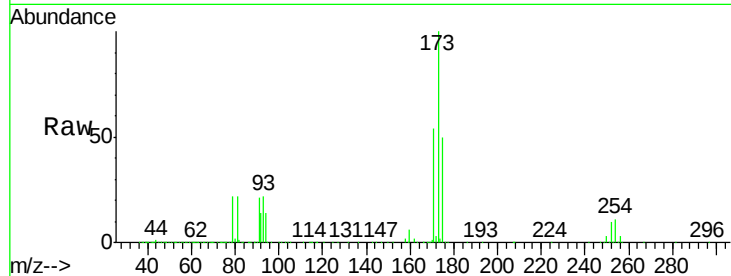
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	262437
Ion Ratio	Lower	Upper	
173	100		
175	49.5	23.9	71.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

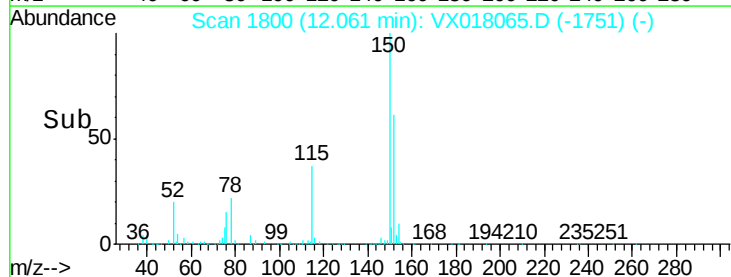
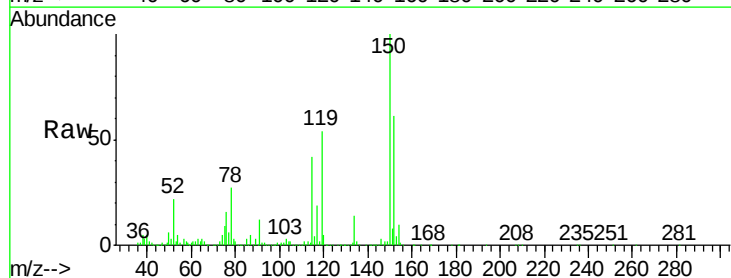
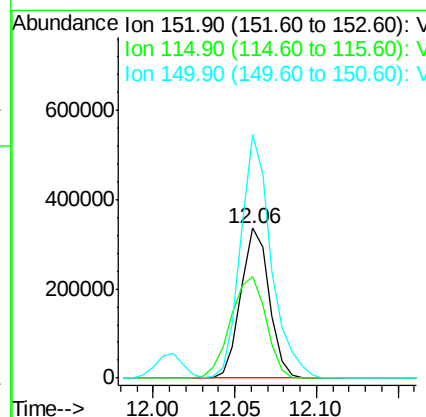
RT: 12.06 min Scan# 1800

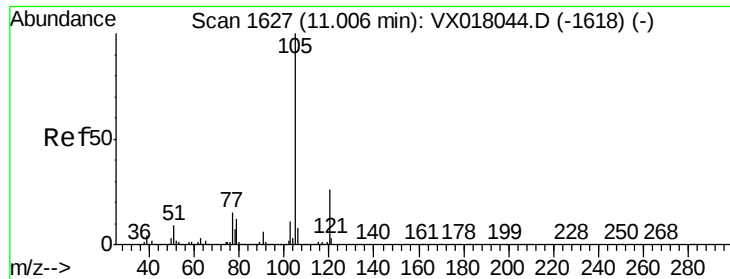
Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion:	152	Resp:	407834
Ion Ratio	Lower	Upper	
152	100		
115	84.1	41.5	124.5
150	174.2	0.0	343.8





#73

Isopropylbenzene

Concen: 49.396 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1328798

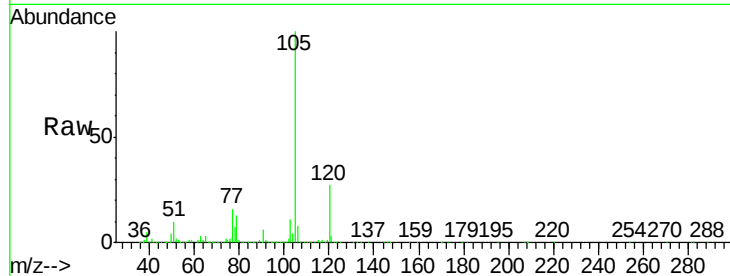
Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5

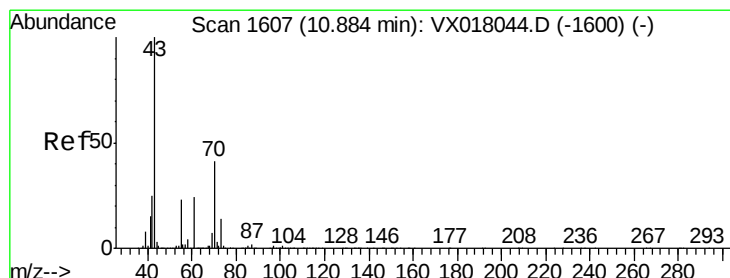
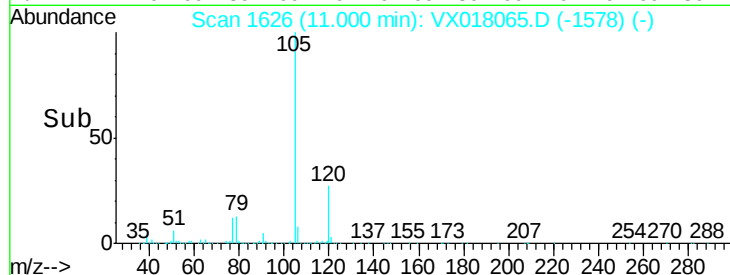
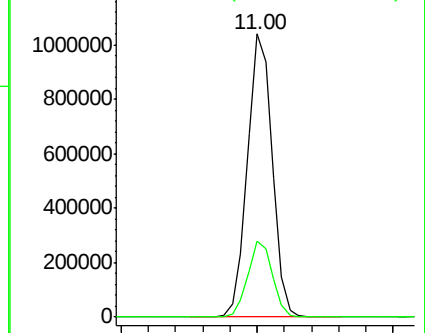
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.061 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion: 43 Resp: 562376

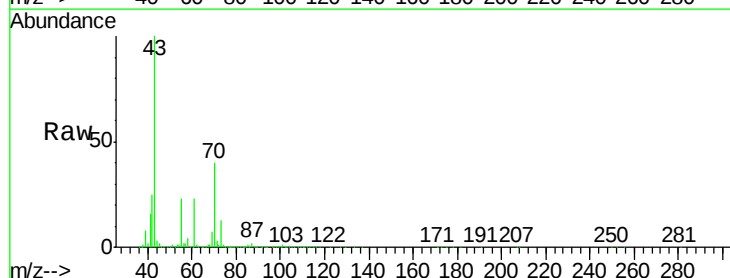
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 23.4 18.2 27.2

61 23.5 18.9 28.3

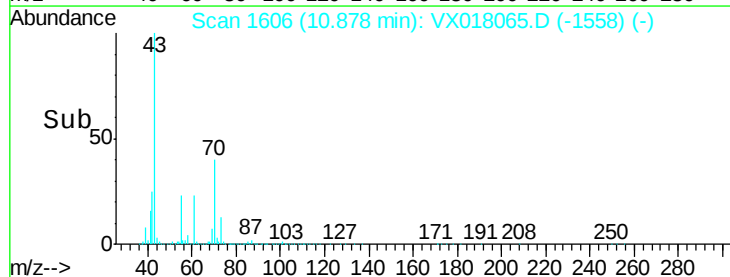
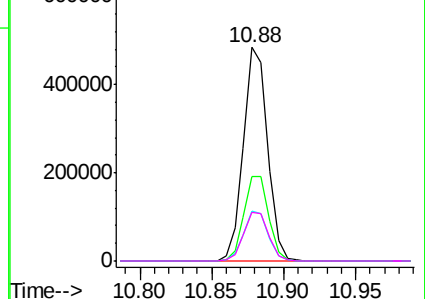


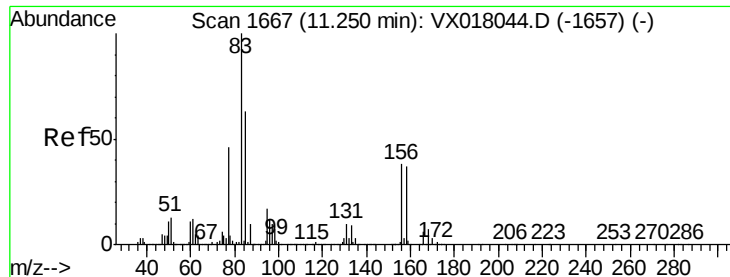
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 41.711 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 395827

Ion Ratio Lower Upper

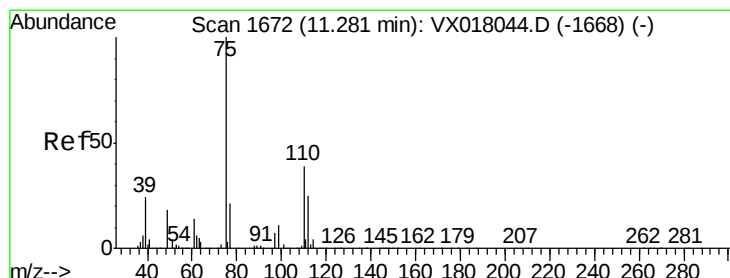
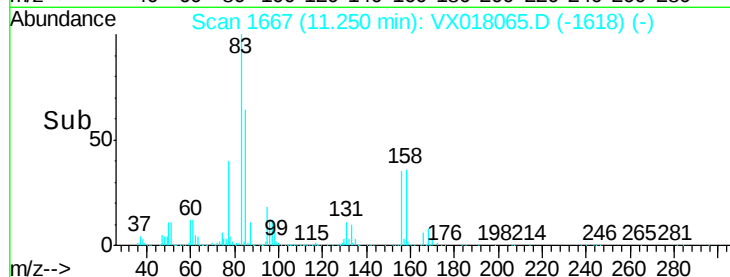
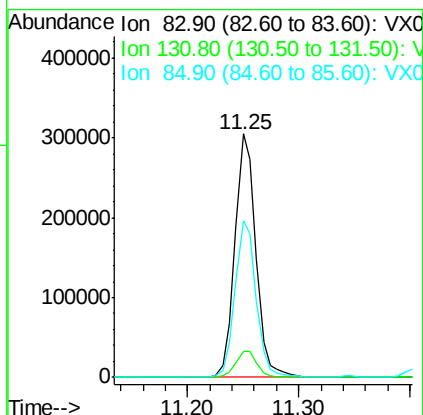
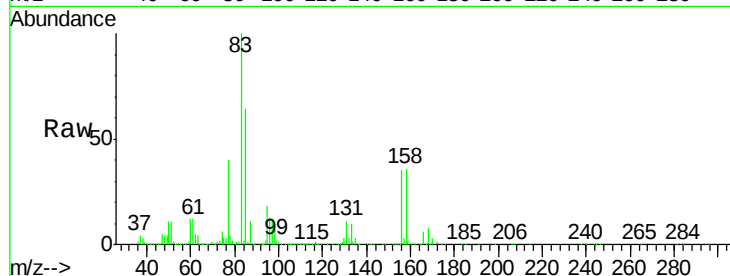
83 100

131 11.1 5.1 15.4

85 64.9 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.327 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018065.D

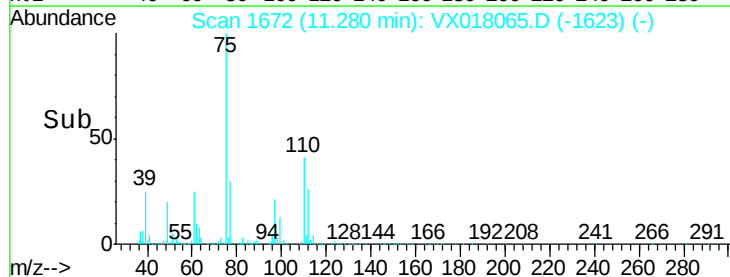
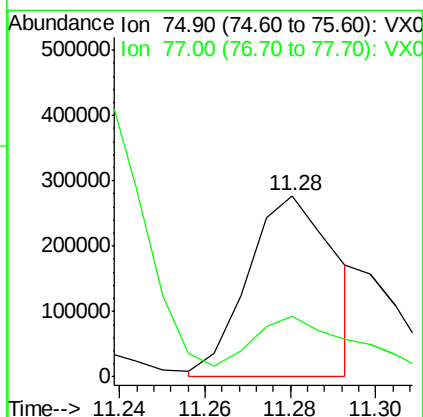
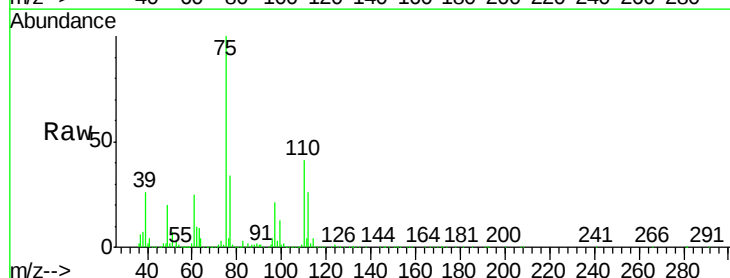
Acq: 26 Aug 2020 09:59

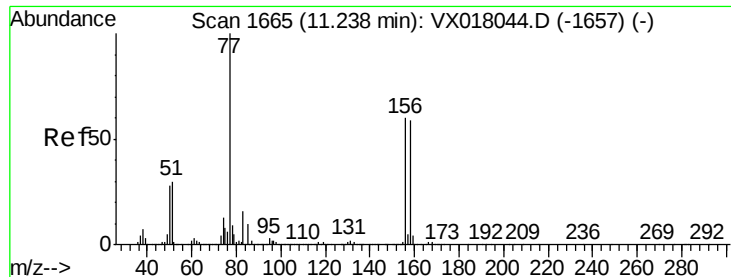
Tgt Ion: 75 Resp: 393084

Ion Ratio Lower Upper

75 100

77 41.0 20.8 62.2





#77

Bromobenzene

Concen: 47.046 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

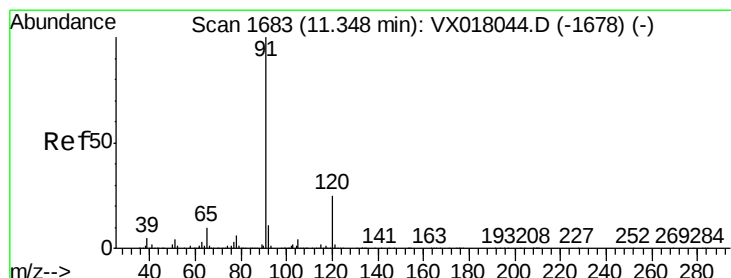
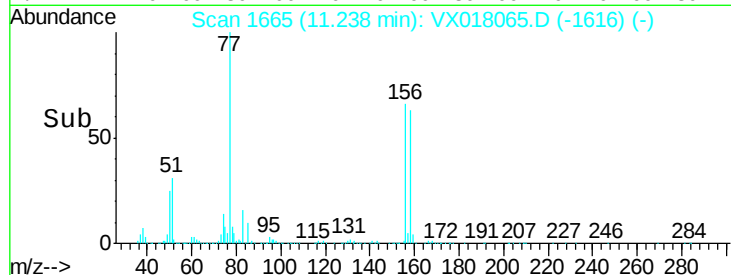
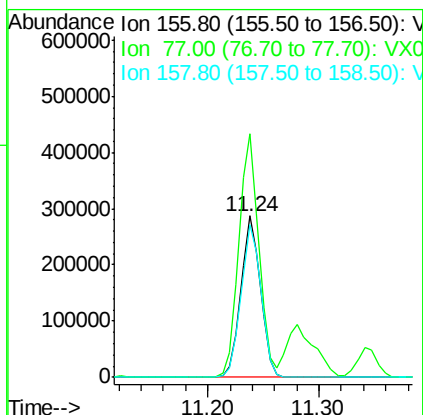
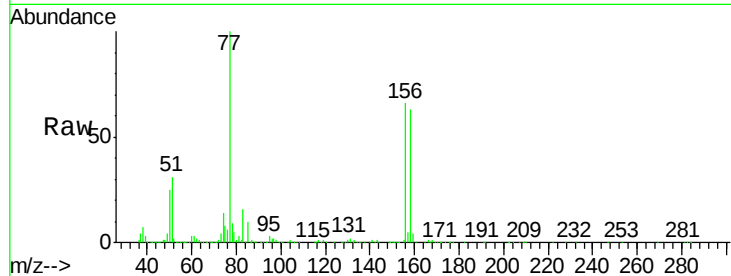
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	349836
Ion Ratio	Lower	Upper	
156	100		
77	153.9	80.0	240.2
158	96.1	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 50.534 ug/l

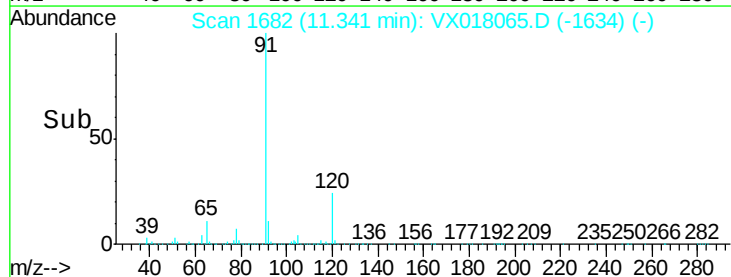
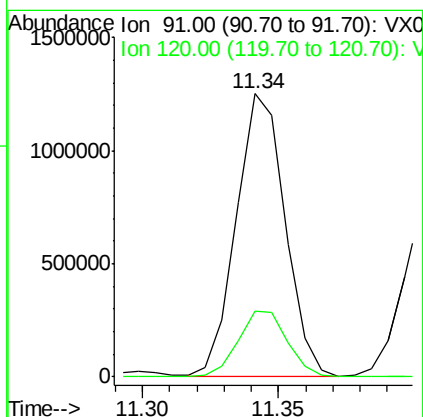
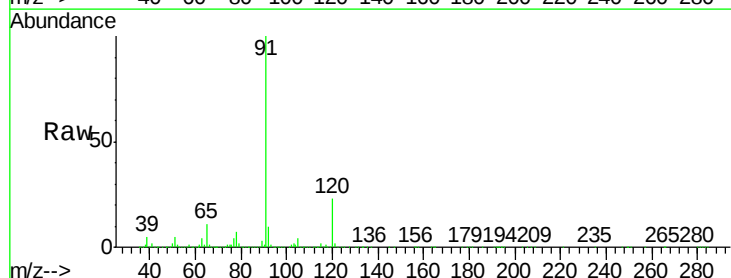
RT: 11.34 min Scan# 1682

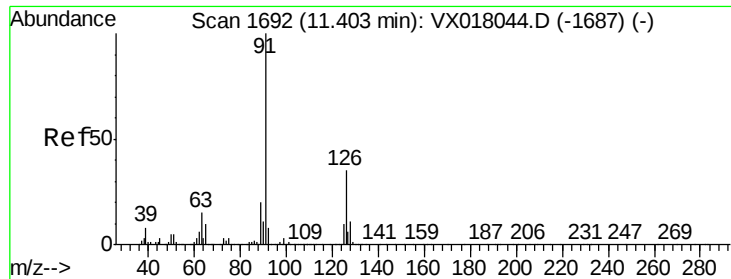
Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion:	91	Resp:	1543564
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9





#79

2-Chlorotoluene

Concen: 48.585 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 916859

Ion Ratio Lower Upper

91 100

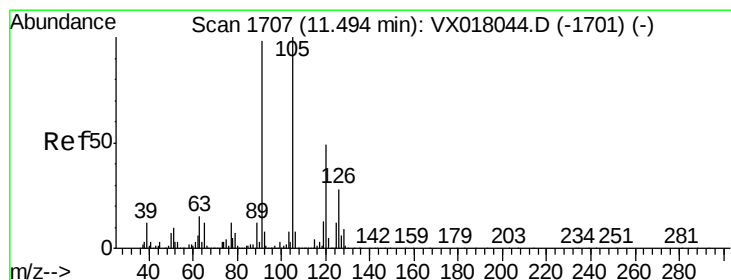
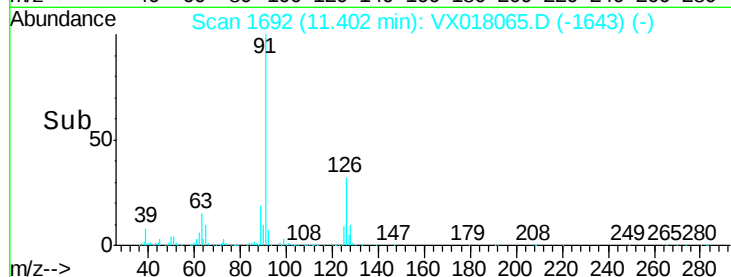
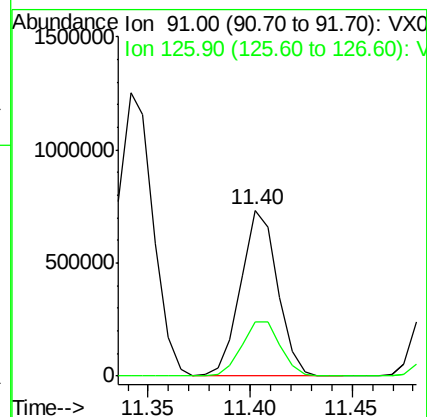
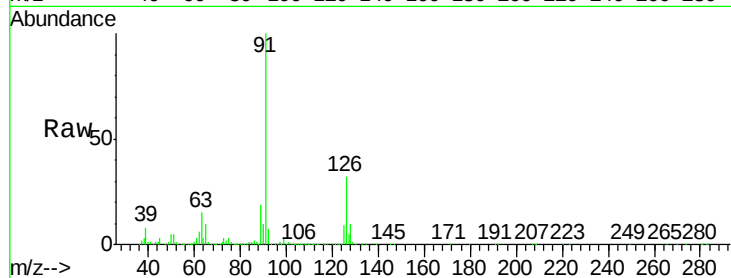
126 34.8 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.856 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018065.D

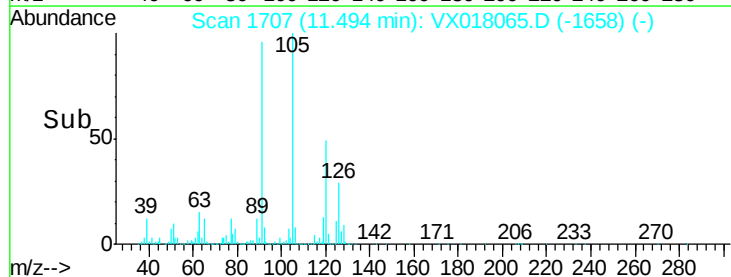
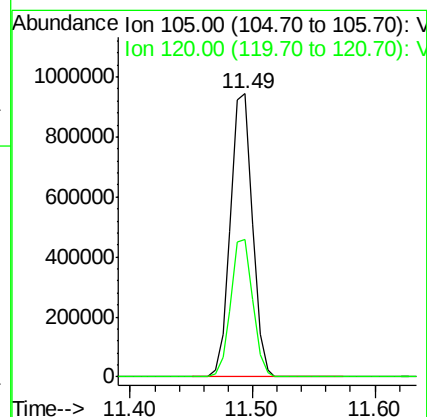
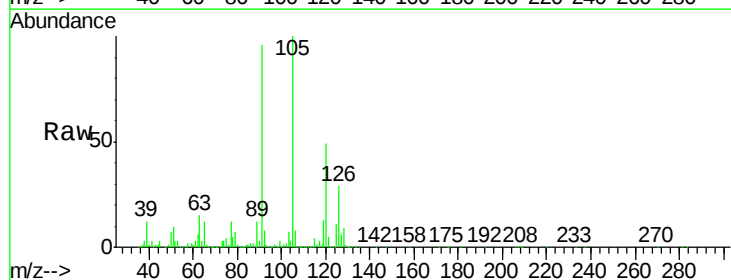
Acq: 26 Aug 2020 09:59

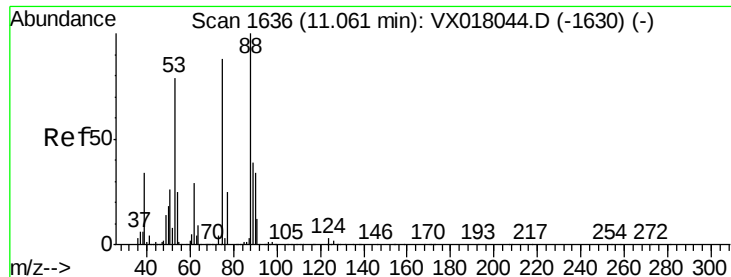
Tgt Ion: 105 Resp: 1168448

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.955 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 157728

Ion Ratio Lower Upper

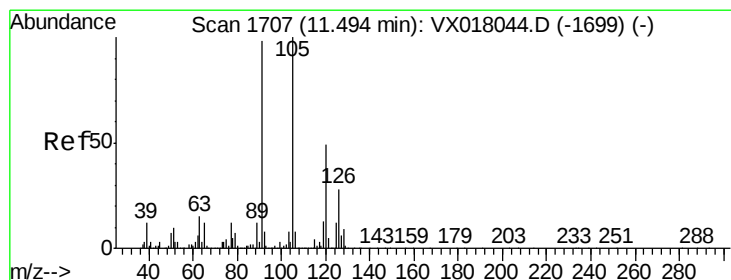
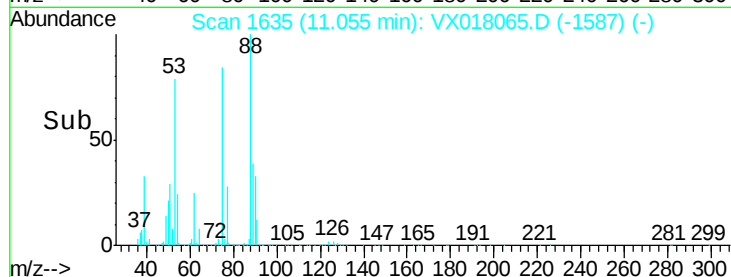
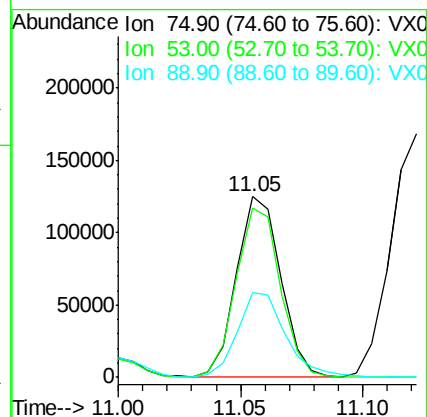
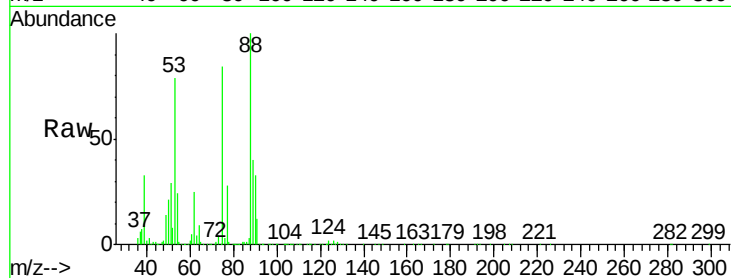
75 100

53 93.5 74.7 112.1

89 51.4 36.6 54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.976 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018065.D

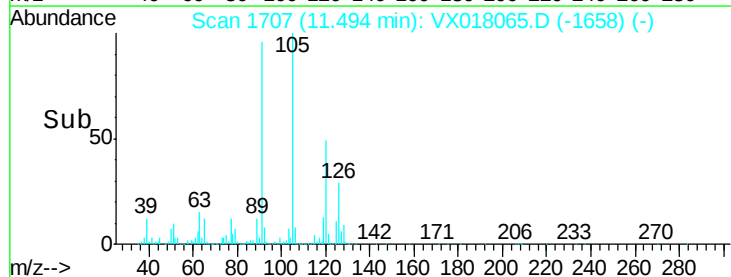
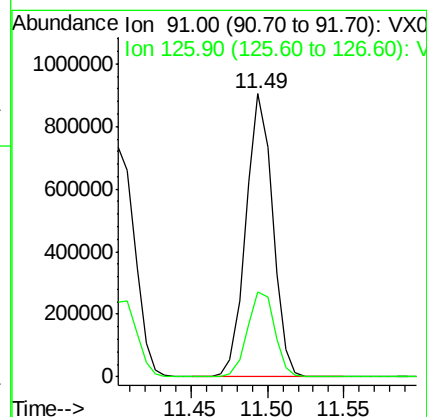
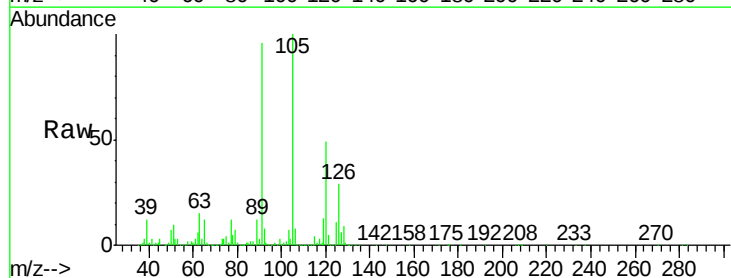
Acq: 26 Aug 2020 09:59

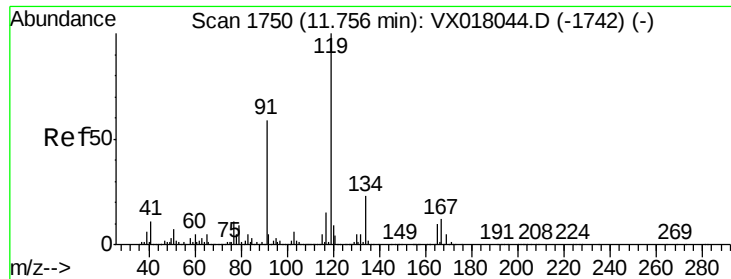
Tgt Ion: 91 Resp: 1098744

Ion Ratio Lower Upper

91 100

126 30.7 15.1 45.3





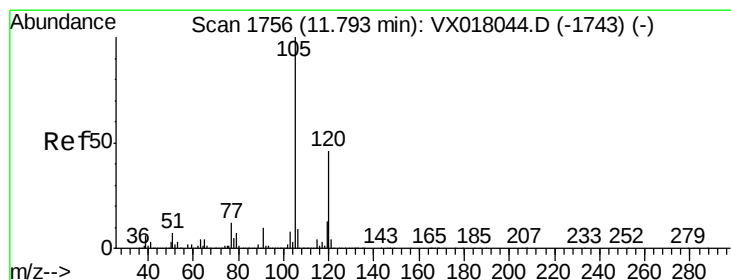
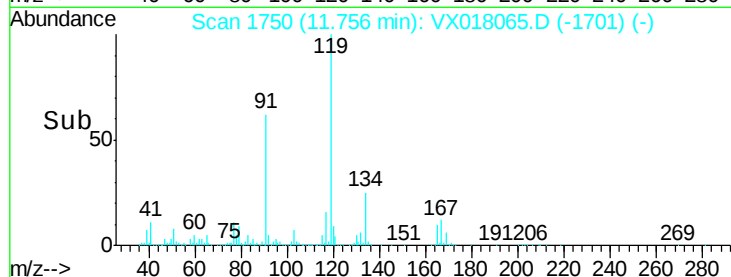
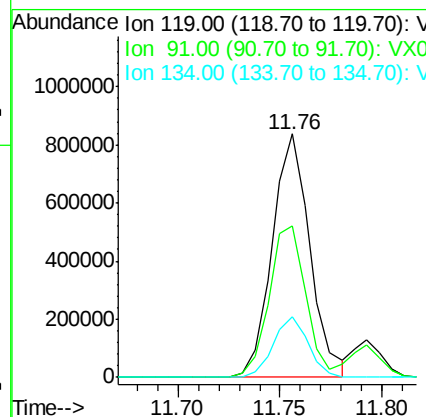
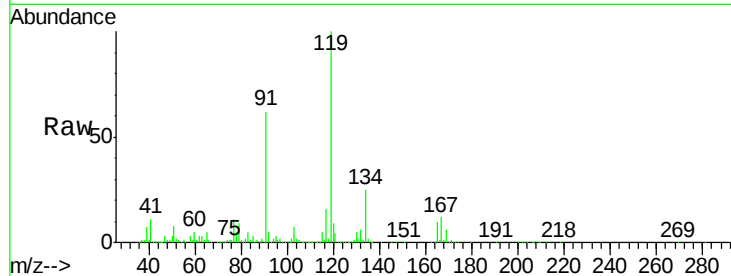
#83
 tert-Butylbenzene
 Concen: 49.444 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	28.2	84.7
134	23.2	11.3	33.8

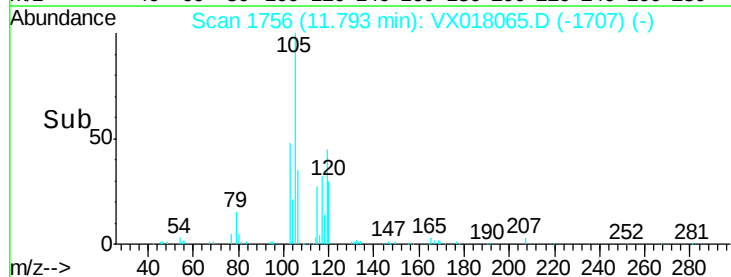
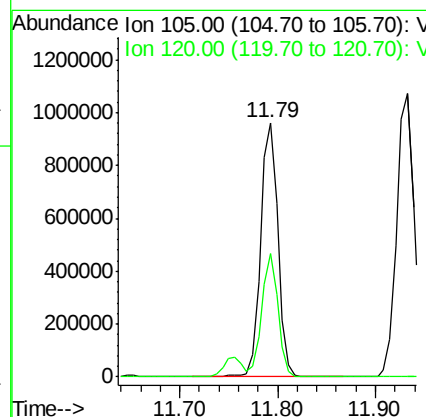
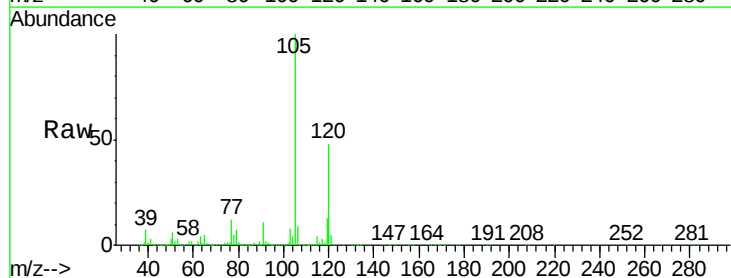
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.832 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.9





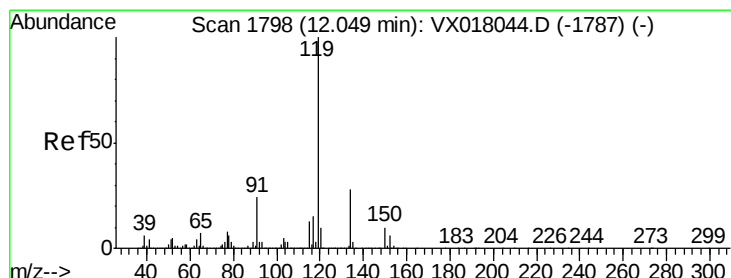
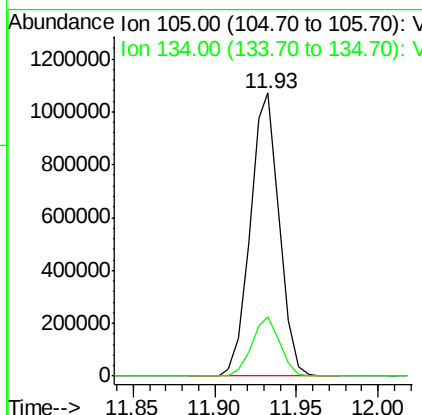
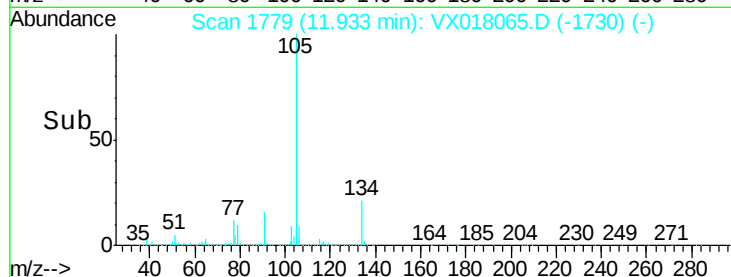
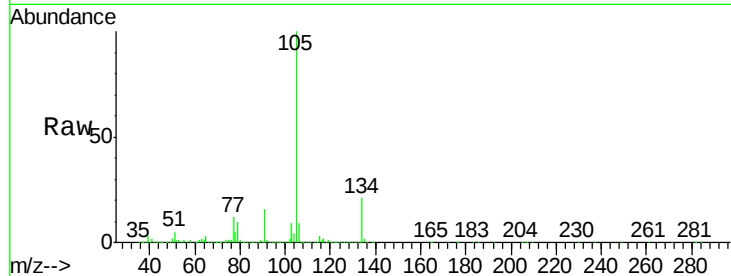
#85
 sec-Butylbenzene
 Concen: 53.133 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1318177
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3

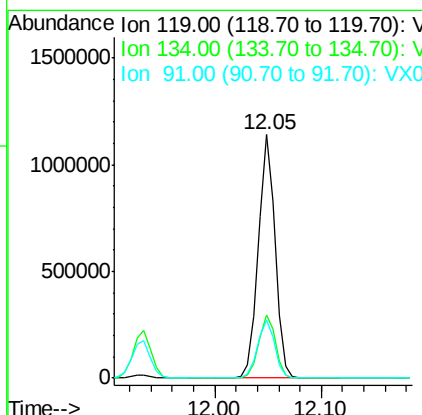
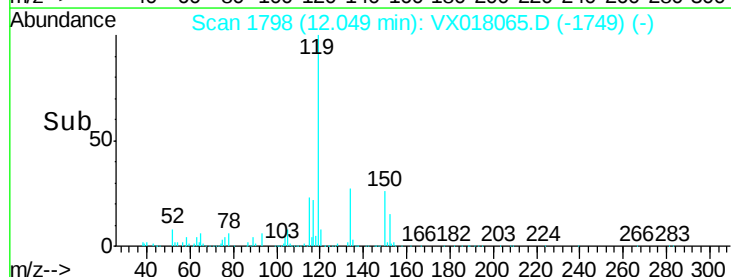
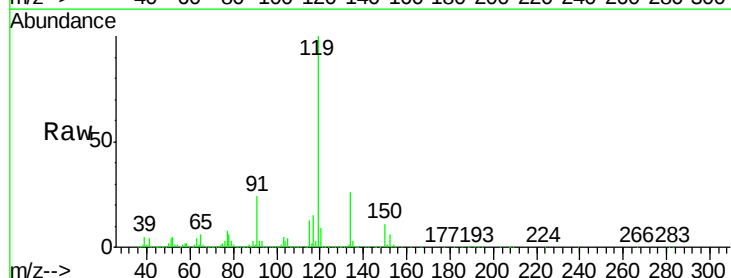
Manual Integrations
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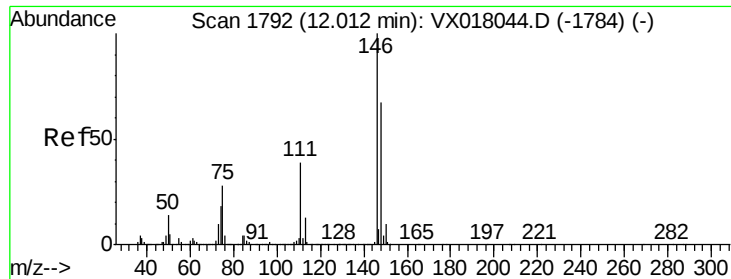
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#86
 p-Isopropyltoluene
 Concen: 55.485 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion:119 Resp: 1264422
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 24.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.900 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

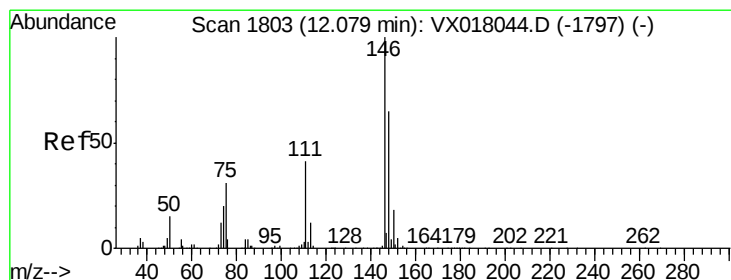
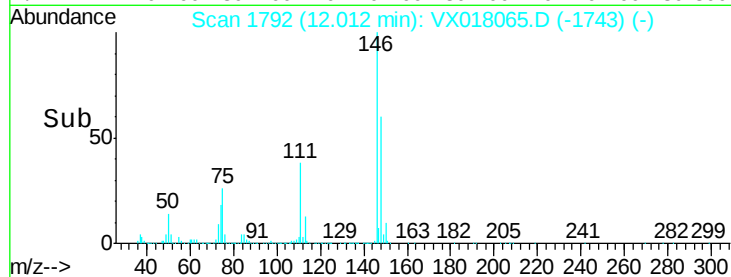
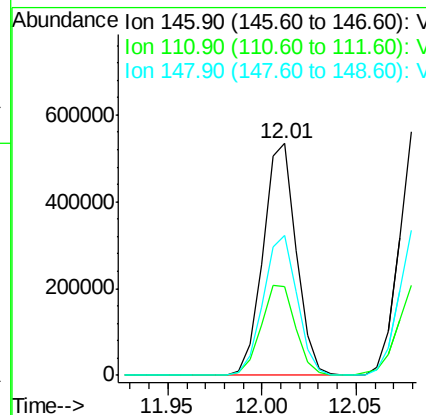
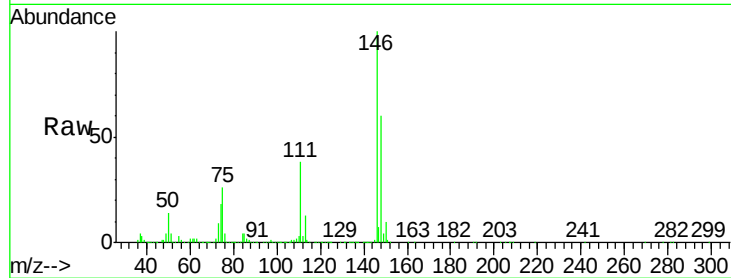
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	651473
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.6	61.8
148	61.5	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.475 ug/l

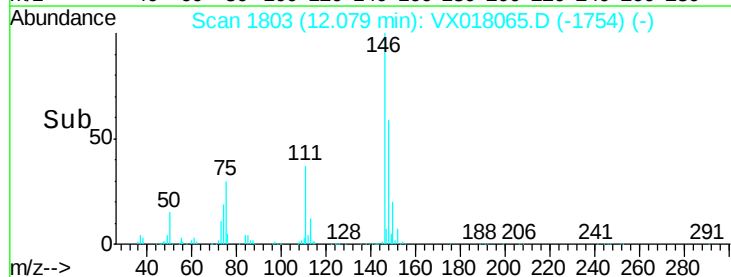
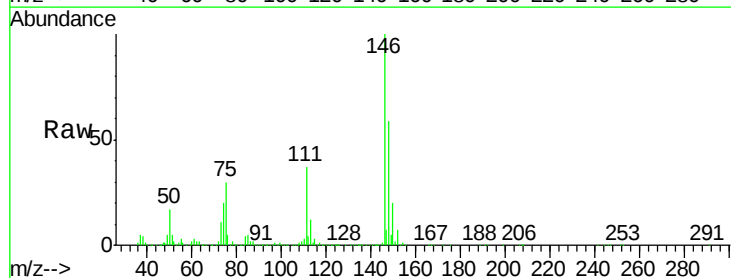
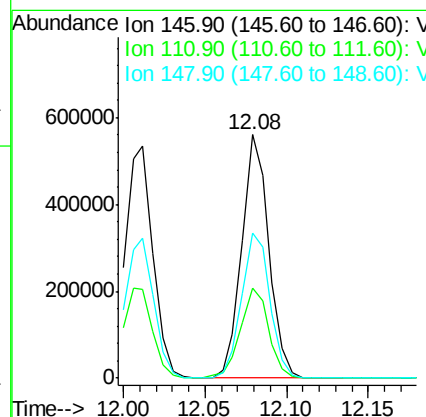
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion:	146	Resp:	646744
Ion Ratio	Lower	Upper	
146	100		
111	38.6	20.3	60.8
148	62.9	33.1	99.2





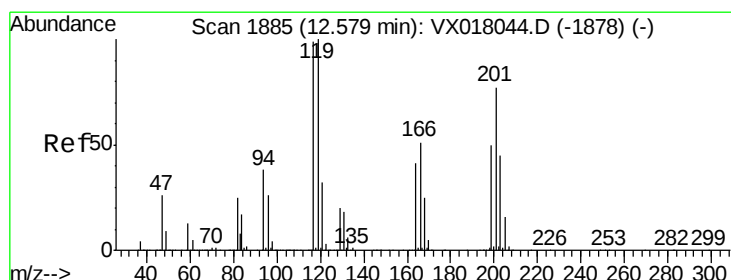
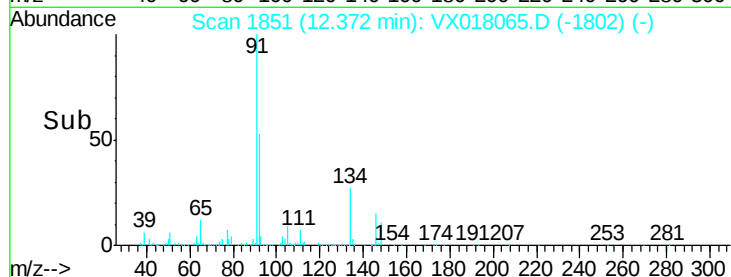
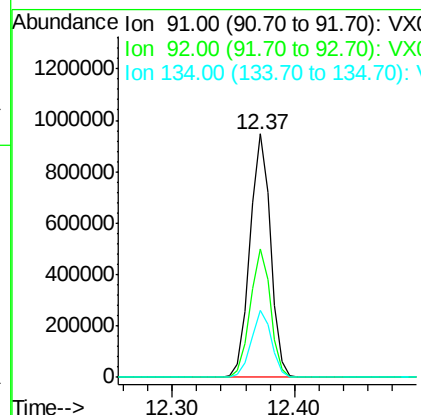
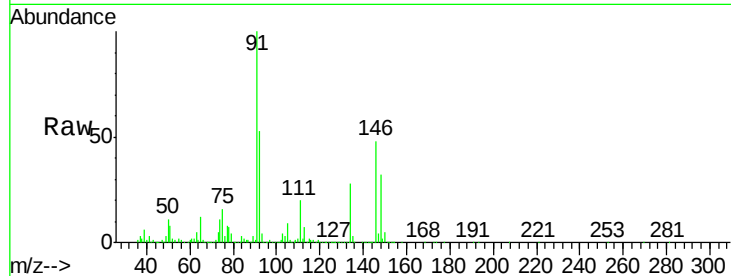
#89
n-Butylbenzene
Concen: 53.036 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.2
134	27.0	12.9	38.7

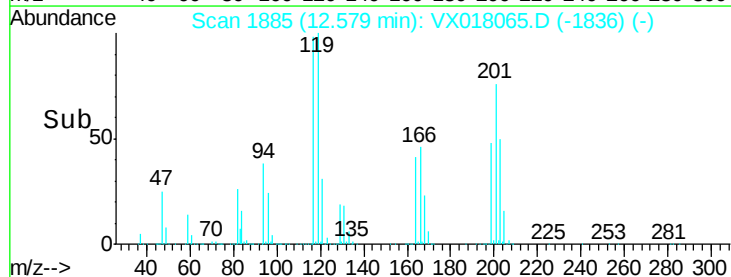
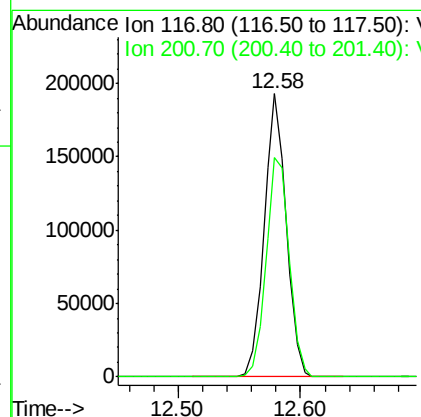
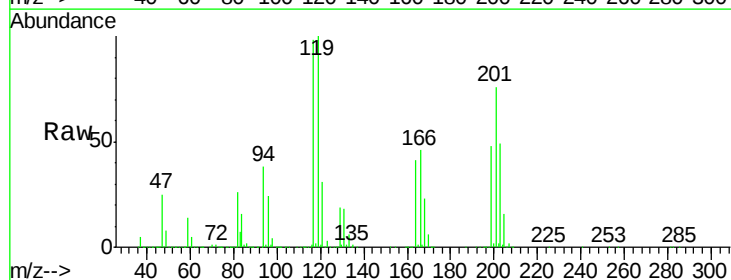
Manual Integrations
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#90
Hexachloroethane
Concen: 54.187 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.0	38.5	115.3





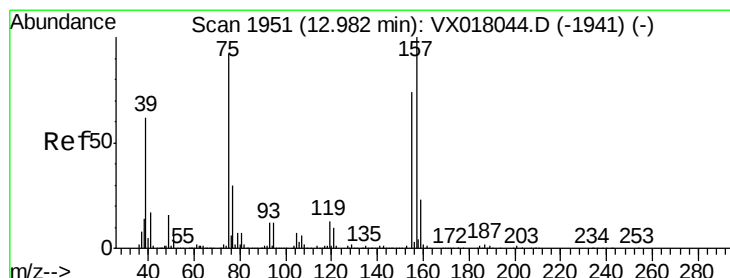
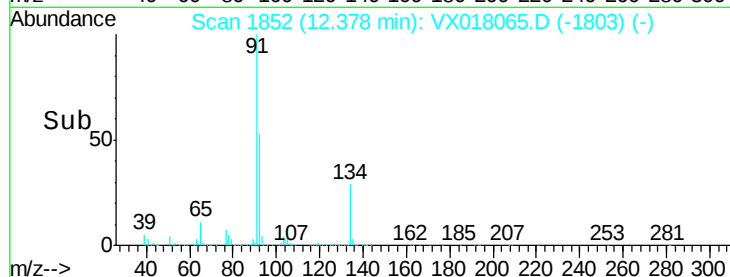
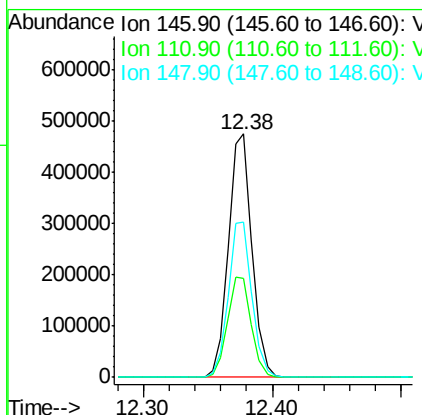
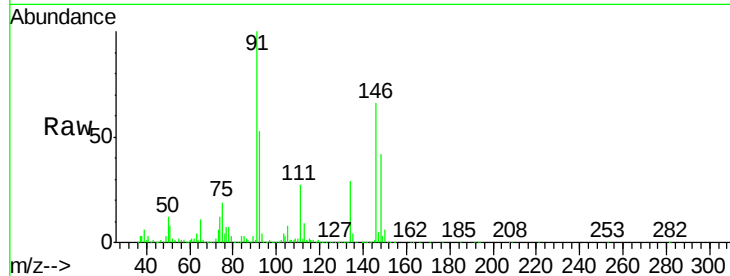
#91
 1,2-Dichlorobenzene
 Concen: 49.424 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	607392		
111	41.6	20.8	62.5	
148	63.8	31.6	95.0	

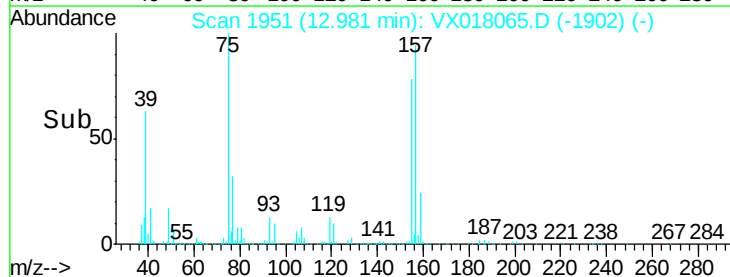
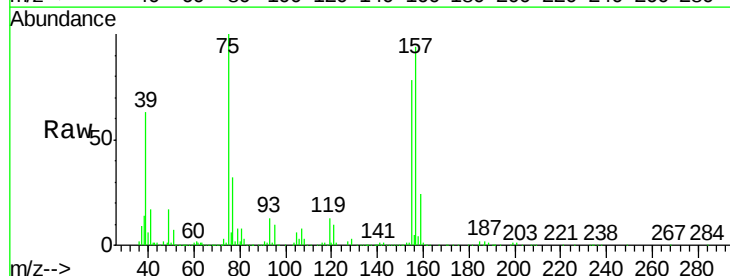
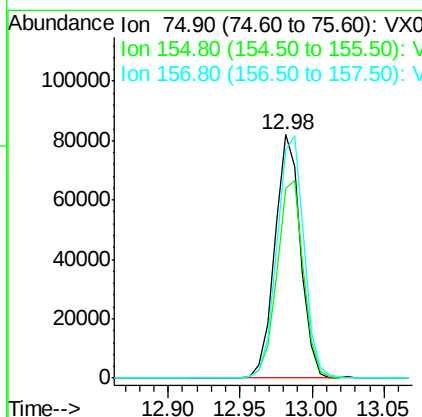
Manual Integrations
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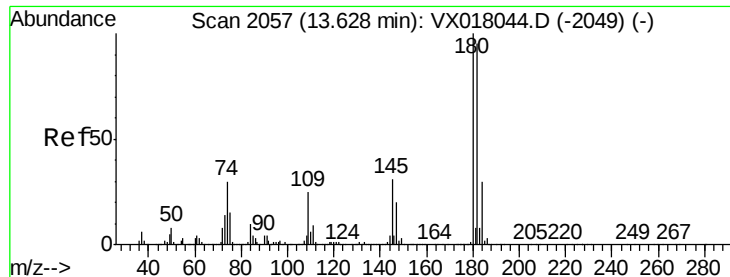
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.000 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	102031		
155	84.3	40.2	120.6	
157	105.0	55.0	165.2	





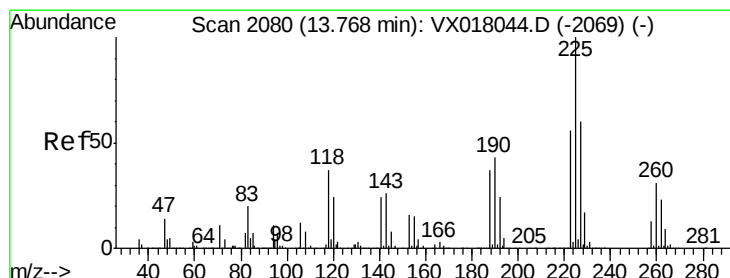
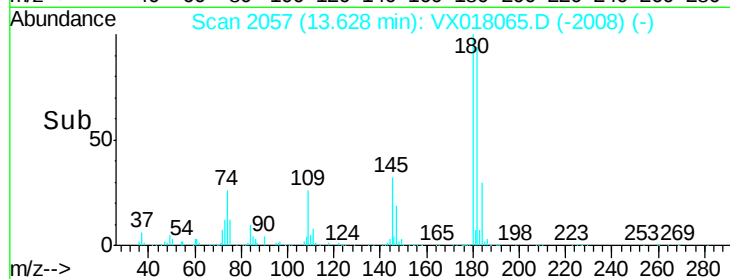
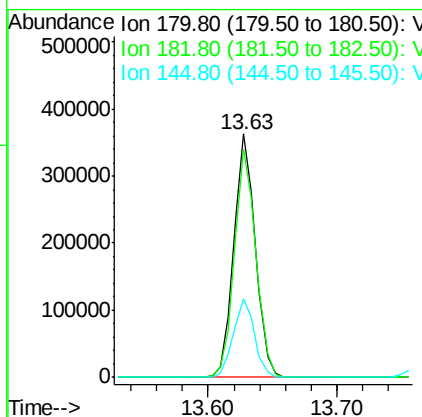
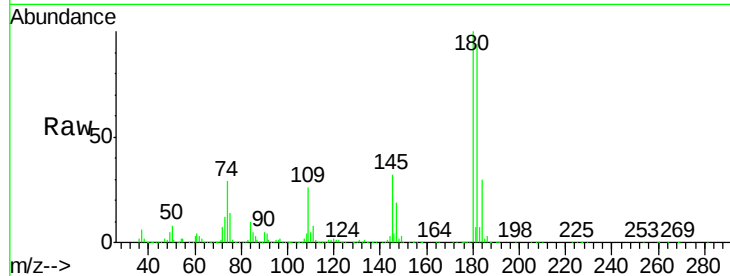
#93
 1,2,4-Trichlorobenzene
 Concen: 51.678 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	423503		
182	93.5	47.5	142.6	
145	32.0	15.7	47.1	

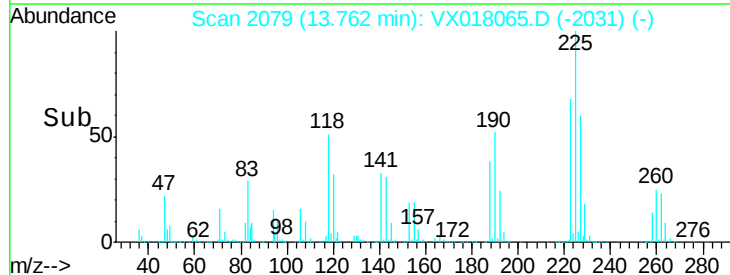
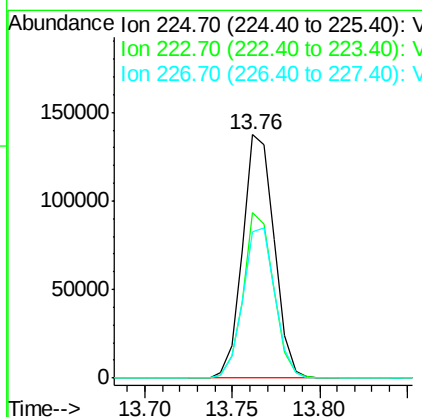
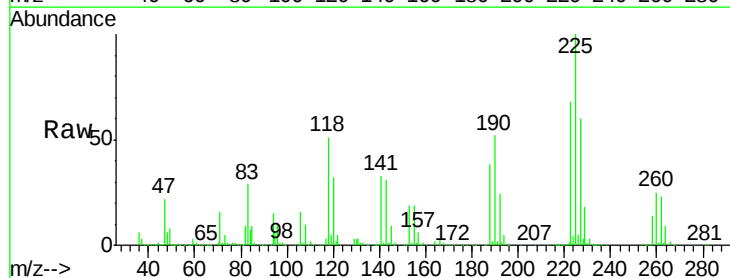
Manual Integrations
 APPROVED

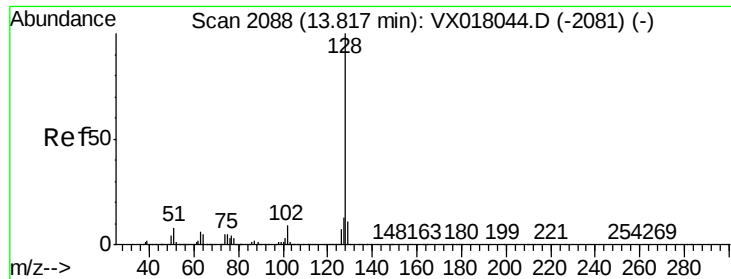
MMDadoda
 8/27/2020 12:19:20 PM



#94
 Hexachlorobutadiene
 Concen: 53.202 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171970		
223	65.2	30.7	92.1	
227	62.5	32.6	97.8	





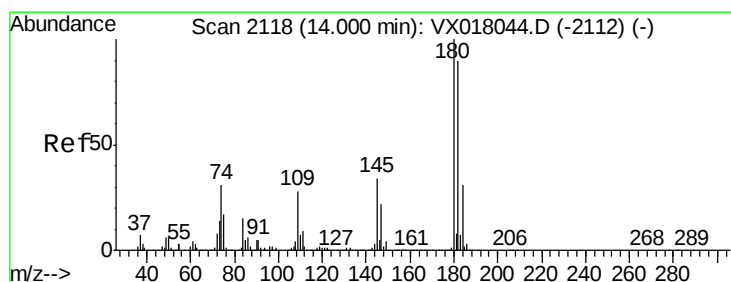
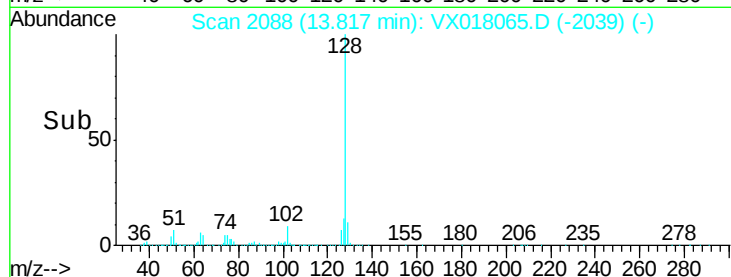
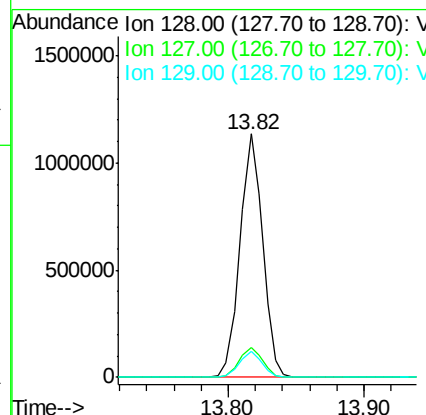
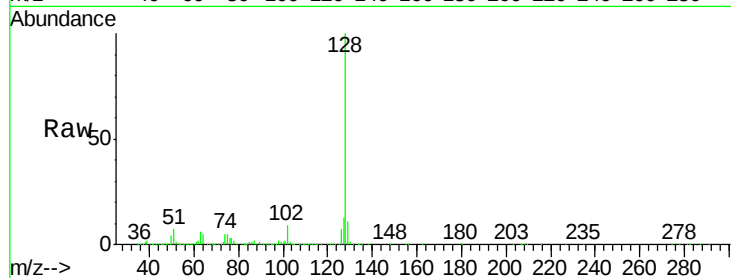
#95
Naphthalene
Concen: 48.788 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/27/2020 12:19:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.451 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	32.5	17.5	52.6

