

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082020\
 Data File : VX018039.D
 Acq On : 20 Aug 2020 17:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 10:50:55 AM

Quant Time: Aug 21 02:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	642262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	992773	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	961976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	495667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	379267	40.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.56%	
35) Dibromofluoromethane	5.46	113	306661	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	
50) Toluene-d8	8.70	98	1141460	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
62) 4-Bromofluorobenzene	11.12	95	462827	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	423040	43.715	ug/l 96
3) Chloromethane	1.31	50	372236	42.380	ug/l 99
4) Vinyl Chloride	1.39	62	393785	43.605	ug/l 99
5) Bromomethane	1.62	94	186216	37.885	ug/l 98
6) Chloroethane	1.71	64	213969	44.422	ug/l 98
7) Trichlorofluoromethane	1.91	101	562305	41.809	ug/l 100
8) Diethyl Ether	2.17	74	179290	45.740	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	305686	48.325	ug/l 100
10) Methyl Iodide	2.49	142	262388	32.167	ug/l 99
11) Tert butyl alcohol	3.02	59	382468	210.401	ug/l 99
12) 1,1-Dichloroethene	2.35	96	309409	53.447	ug/l 96
13) Acrolein	2.27	56	152955	159.286	ug/l 99
14) Allyl chloride	2.70	41	569086	55.118	ug/l 99
15) Acrylonitrile	3.12	53	927639	233.669	ug/l 99
16) Acetone	2.42	43	902191	243.572	ug/l 99
17) Carbon Disulfide	2.55	76	902831	64.277	ug/l 100
18) Methyl Acetate	2.75	43	399621	42.876	ug/l 96
19) Methyl tert-butyl Ether	3.17	73	1061739	47.971	ug/l 100
20) Methylene Chloride	2.83	84	348474	51.064	ug/l 94
21) trans-1,2-Dichloroethene	3.14	96	336466	56.536	ug/l 97
22) Diisopropyl ether	3.82	45	1095684	50.623	ug/l 91
23) Vinyl Acetate	3.79	43	5008237	302.793	ug/l 99
24) 1,1-Dichloroethane	3.67	63	622323	51.867	ug/l 99
25) 2-Butanone	4.64	43	1385890	247.146	ug/l 95
26) 2,2-Dichloropropane	4.55	77	574227	52.556	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	385523	54.914	ug/l 100
28) Bromochloromethane	4.98	49	253424	40.871	ug/l 97
29) Tetrahydrofuran	5.09	42	855306	245.591	ug/l 98
30) Chloroform	5.18	83	640924	48.872	ug/l 98
31) Cyclohexane	5.54	56	549148	56.442	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	592362	49.791	ug/l 99
36) 1,1-Dichloropropene	5.77	75	488052	58.734	ug/l 99
37) Ethyl Acetate	4.79	43	525090	52.814	ug/l 99
38) Carbon Tetrachloride	5.75	117	543120	50.502	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	552213	51.856	ug/l	99
40) Benzene	6.11	78	1401619	56.003	ug/l	100
41) Methacrylonitrile	5.01	41	294442	51.670	ug/l	96
42) 1,2-Dichloroethane	6.16	62	525139	49.397	ug/l	99
43) Isopropyl Acetate	6.42	43	870308	54.226	ug/l	99
44) Trichloroethene	7.19	130	396943	53.482	ug/l	99
45) 1,2-Dichloropropane	7.49	63	377145	52.594	ug/l	98
46) Dibromomethane	7.63	93	258635	51.679	ug/l	93
47) Bromodichloromethane	7.88	83	534027	49.152	ug/l	99
48) Methyl methacrylate	7.74	41	444264	55.836	ug/l	98
49) 1,4-Dioxane	7.71	88	141174	866.683	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2710526	250.833	ug/l	100
52) Toluene	8.76	92	902999	55.147	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	614681	53.492	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	638988	53.332	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	372193	49.478	ug/l	95
56) Ethyl methacrylate	9.16	69	578551	54.397	ug/l	97
57) 1,3-Dichloropropane	9.35	76	616703	51.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1366619	265.342	ug/l	99
59) 2-Hexanone	9.48	43	2139157	261.249	ug/l	100
60) Dibromochloromethane	9.57	129	452797	48.196	ug/l	99
61) 1,2-Dibromoethane	9.65	107	411860	49.429	ug/l	100
64) Tetrachloroethene	9.32	164	365745	49.785	ug/l	97
65) Chlorobenzene	10.12	112	1019078	53.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	403138	49.909	ug/l	98
67) Ethyl Benzene	10.24	91	1767160	56.138	ug/l	99
68) m/p-Xylenes	10.34	106	1346520	111.109	ug/l	95
69) o-Xylene	10.68	106	645906	55.270	ug/l	99
70) Styrene	10.70	104	1136041	56.347	ug/l	99
71) Bromoform	10.84	173	355585	49.047	ug/l	99
73) Isopropylbenzene	11.01	105	1753912	54.975	ug/l	100
74) N-amyl acetate	10.88	43	820221	57.800	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	552636	49.655	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	536929m	50.937	ug/l	
77) Bromobenzene	11.24	156	469280	53.017	ug/l	98
78) n-propylbenzene	11.34	91	2002287	53.659	ug/l	99
79) 2-Chlorotoluene	11.40	91	1205496	53.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1462718	52.231	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	214666	53.500	ug/l	97
82) 4-Chlorotoluene	11.49	91	1435660	53.684	ug/l	99
83) tert-Butylbenzene	11.76	119	1413917	53.463	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1491494	51.445	ug/l	98
85) sec-Butylbenzene	11.93	105	1642585	51.451	ug/l	99
86) p-Isopropyltoluene	12.05	119	1522595	51.269	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	815624	50.627	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	818320	51.848	ug/l	99
89) n-Butylbenzene	12.37	91	1370810	55.771	ug/l	99
90) Hexachloroethane	12.58	117	282593	47.845	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	773491	52.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	132076	46.587	ug/l	97

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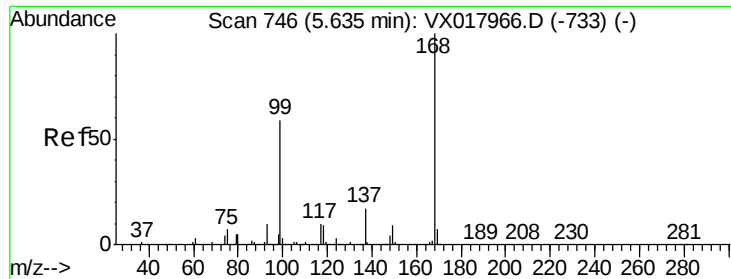
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	523788	53.536	ug/l	99
94) Hexachlorobutadiene	13.77	225	202934	48.603	ug/l	97
95) Naphthalene	13.82	128	1722991	55.790	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	514701	51.735	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 642262

Ion Ratio Lower Upper

168 100

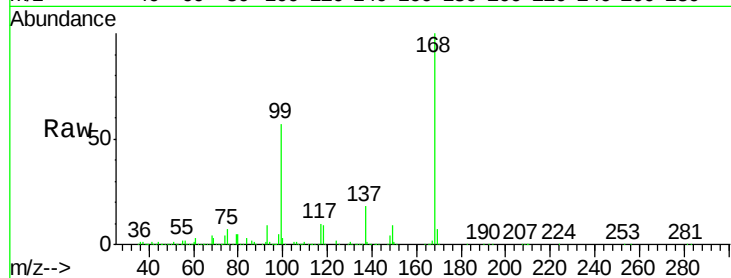
99 56.8 47.4 71.2

Manual Integrations

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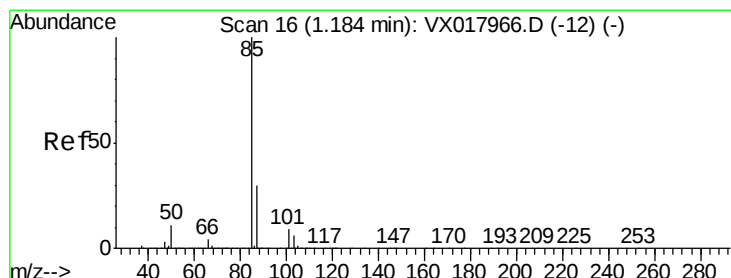
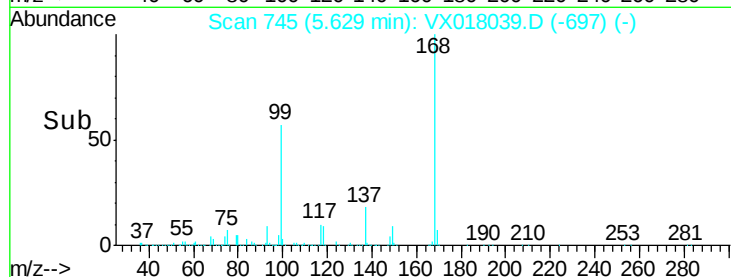
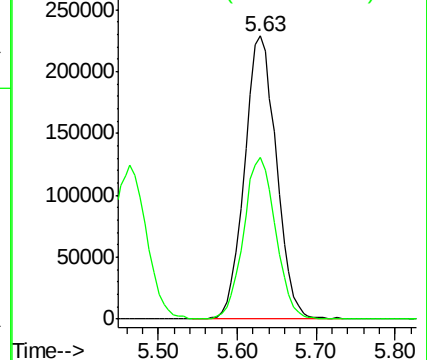
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.715 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018039.D

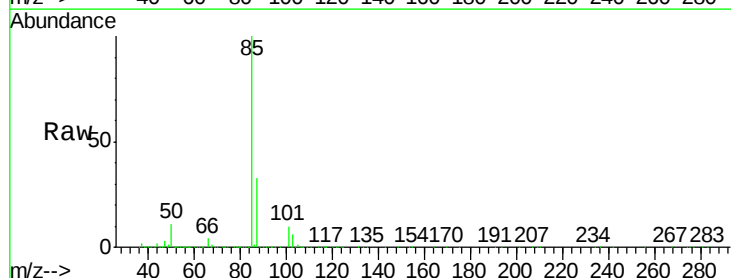
Acq: 20 Aug 2020 17:19

Tgt Ion: 85 Resp: 423040

Ion Ratio Lower Upper

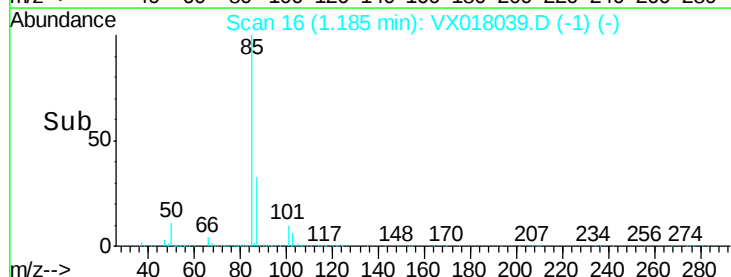
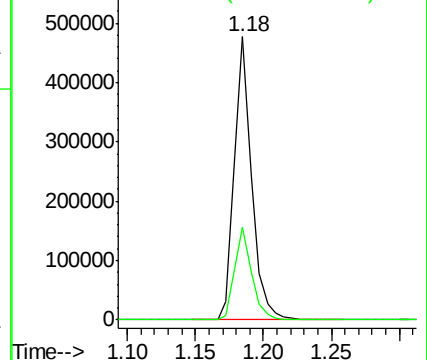
85 100

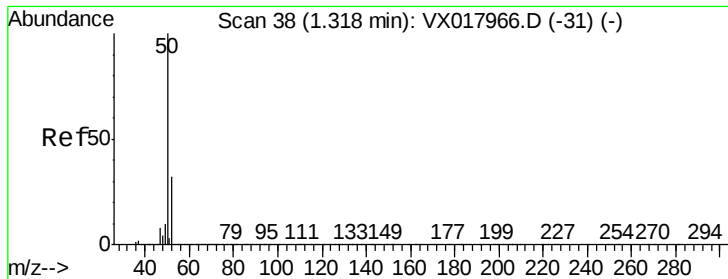
87 32.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.380 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 372236

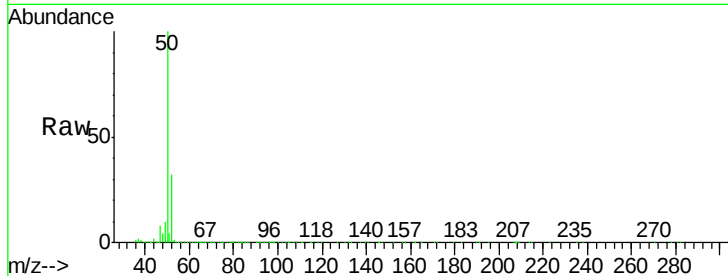
Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.0

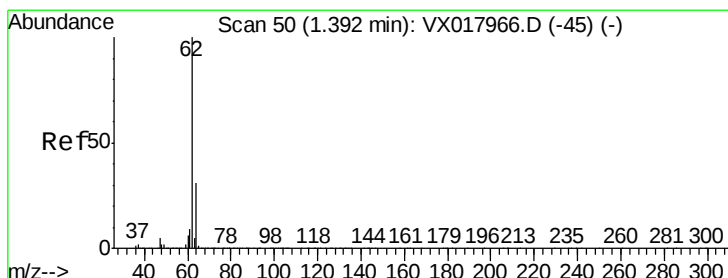
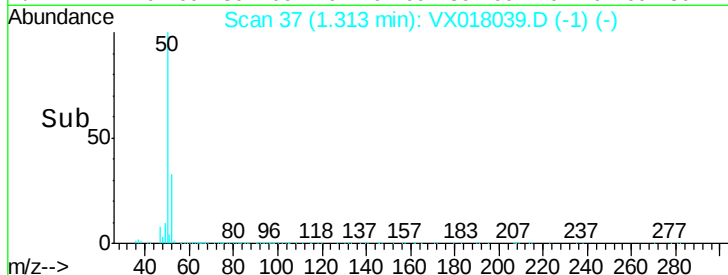
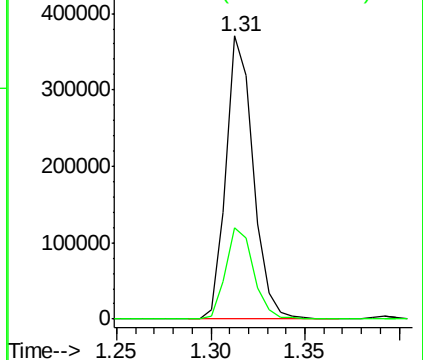
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.605 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018039.D

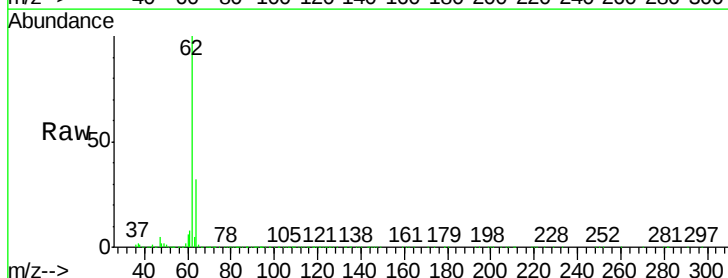
Acq: 20 Aug 2020 17:19

Tgt Ion: 62 Resp: 393785

Ion Ratio Lower Upper

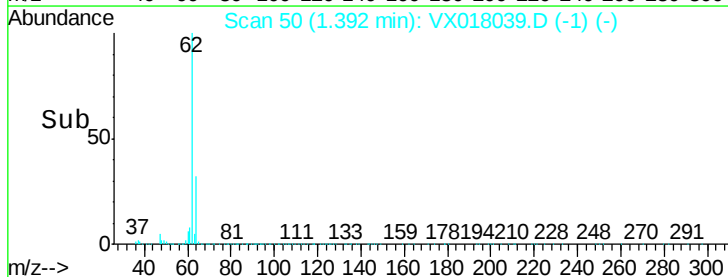
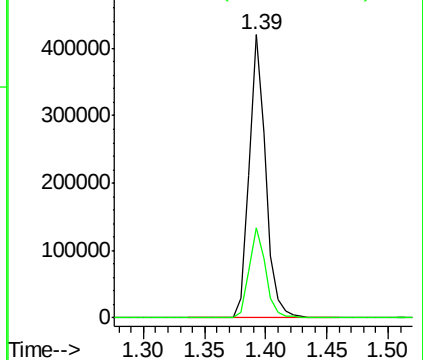
62 100

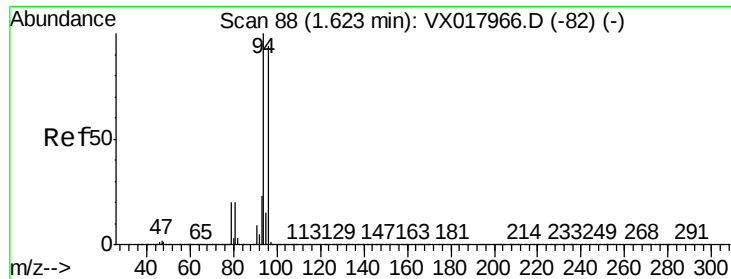
64 31.7 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.885 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 186216

Ion Ratio Lower Upper

94 100

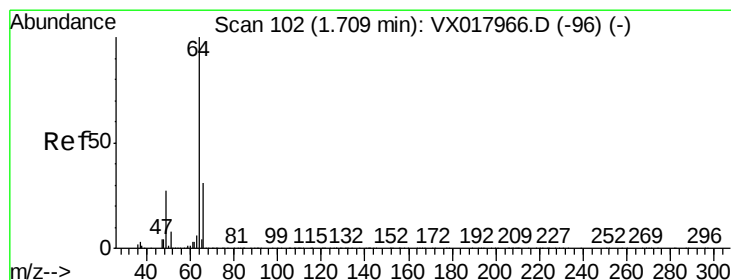
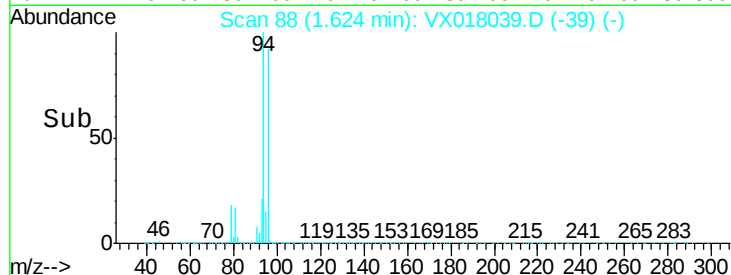
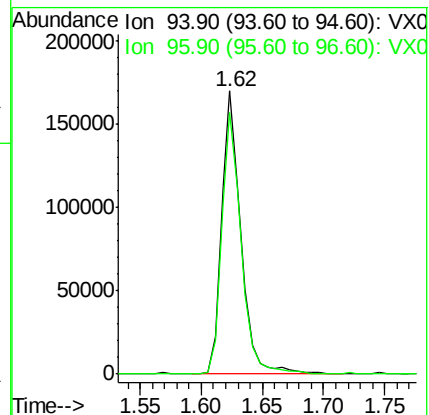
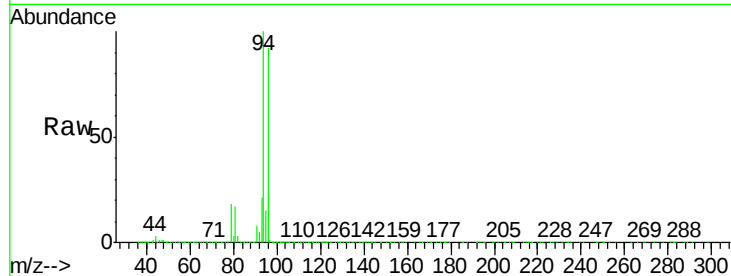
96 92.3 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 44.422 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018039.D

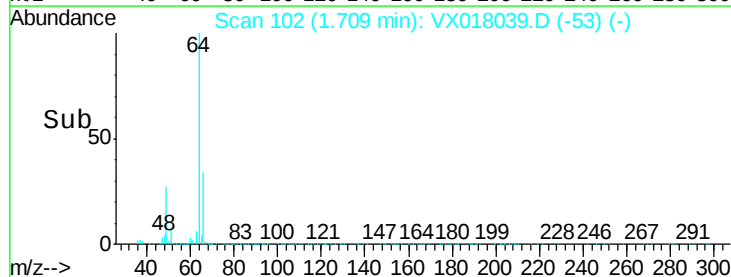
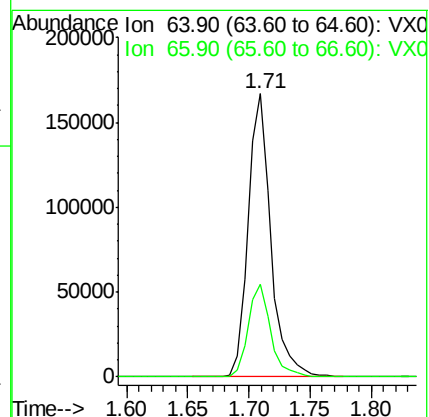
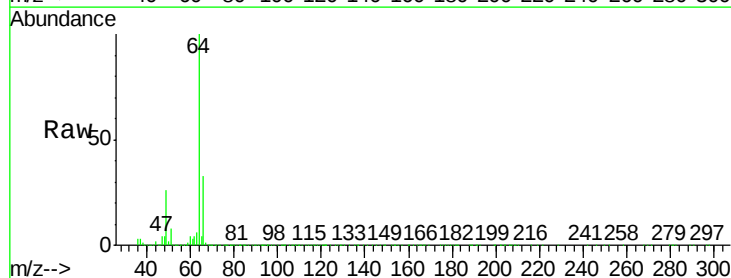
Acq: 20 Aug 2020 17:19

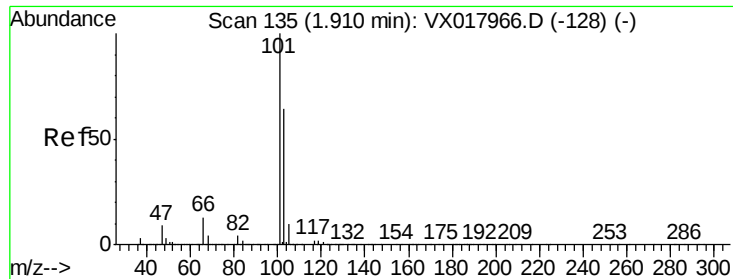
Tgt Ion: 64 Resp: 213969

Ion Ratio Lower Upper

64 100

66 32.5 25.0 37.4





#7

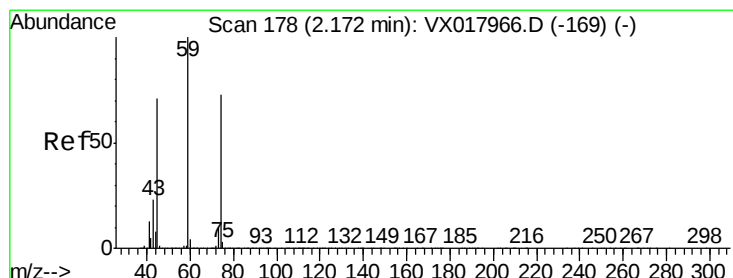
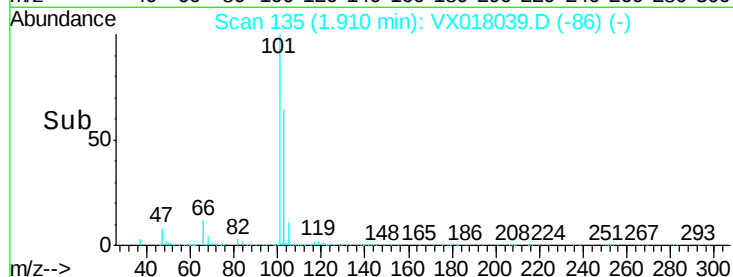
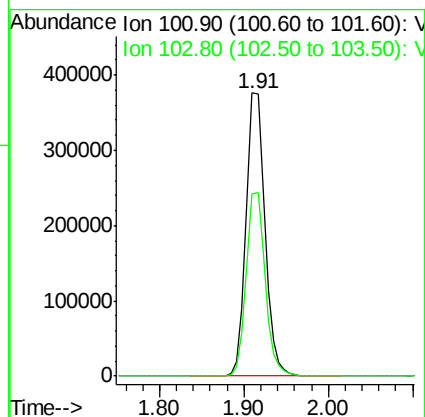
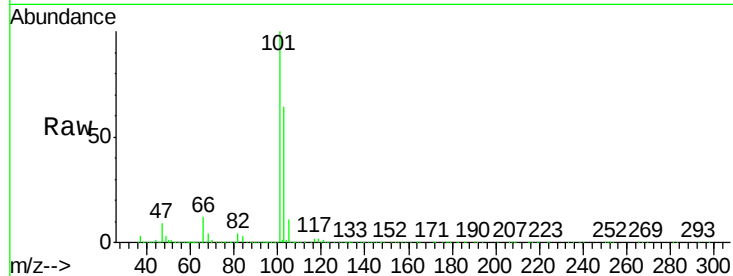
Trichlorofluoromethane
Concen: 41.809 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.2	76.8

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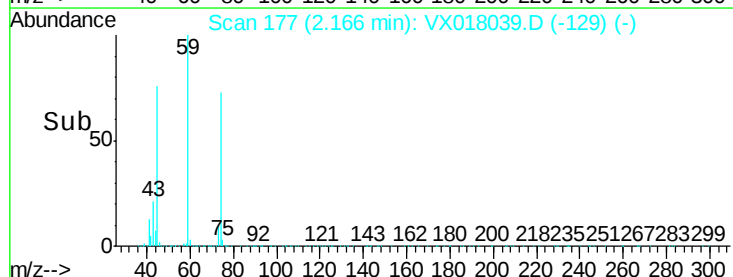
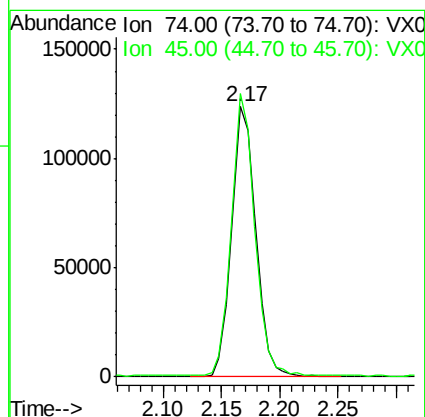
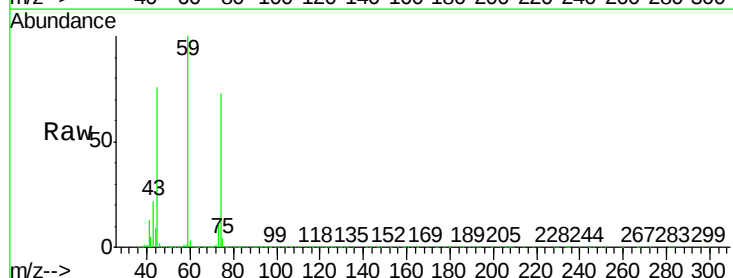
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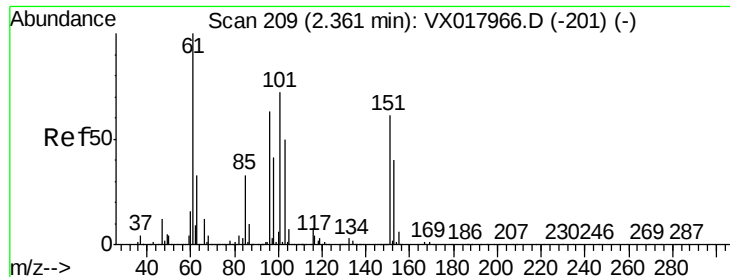


#8

Diethyl Ether
Concen: 45.740 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	50.5	151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.325 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

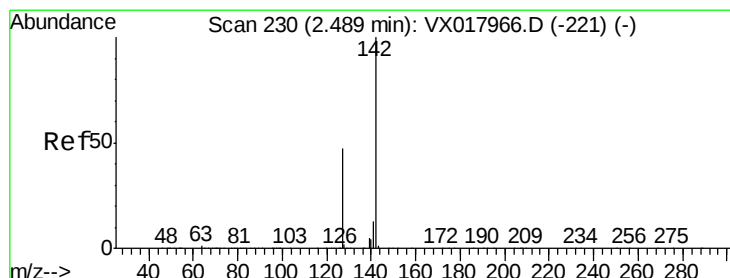
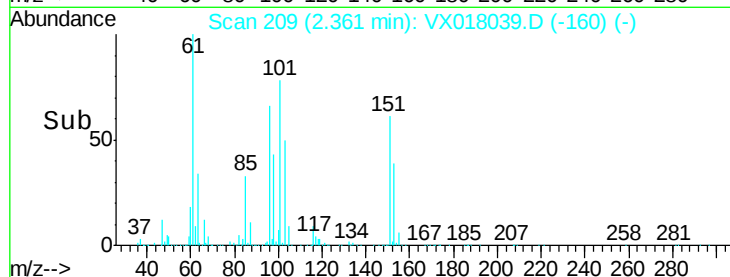
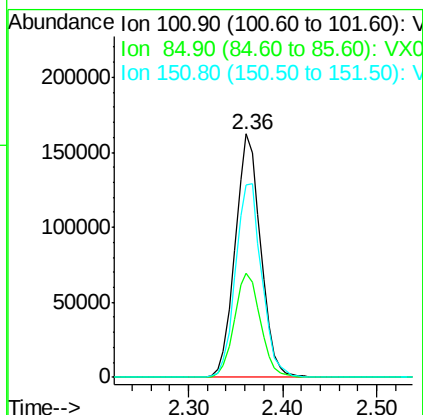
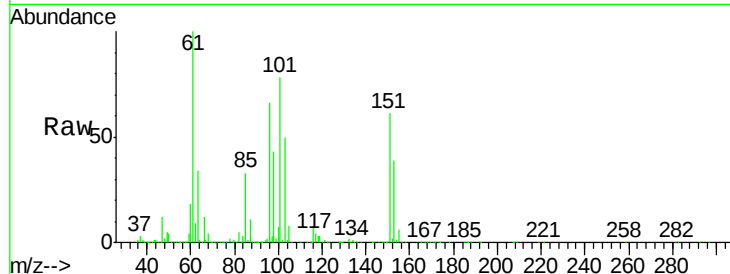
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	305686
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.4	53.2
151	81.9	65.4	98.0

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#10

Methyl Iodide

Concen: 32.167 ug/l

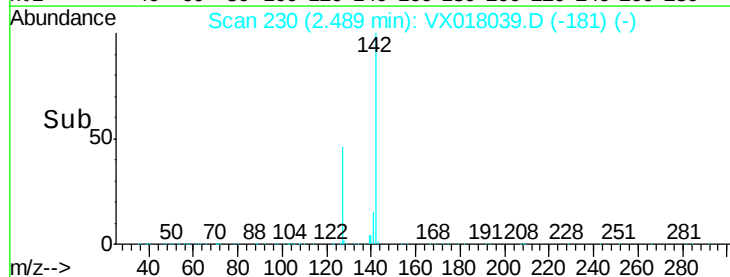
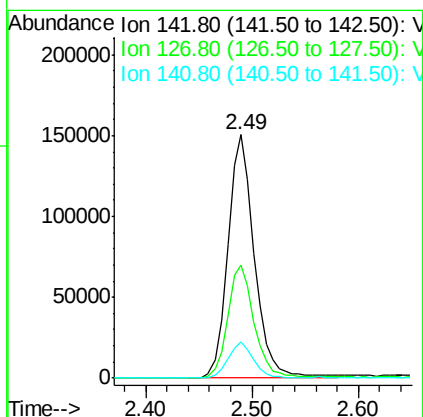
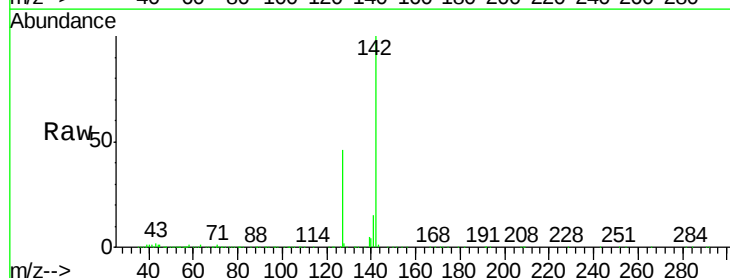
RT: 2.49 min Scan# 230

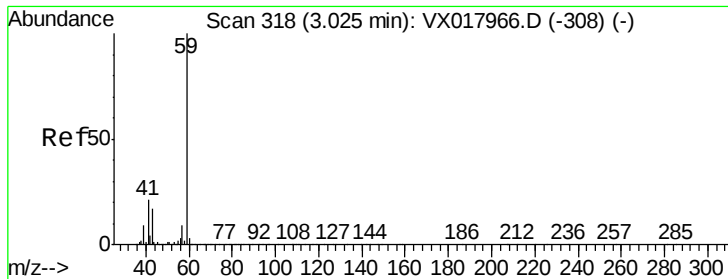
Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	142	Resp:	262388
Ion Ratio	Lower	Upper	
142	100		
127	47.0	38.0	57.0
141	14.3	11.2	16.8





#11

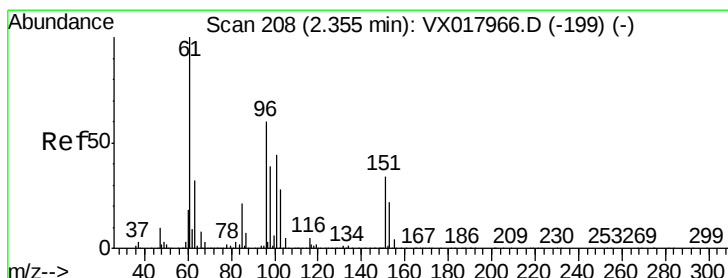
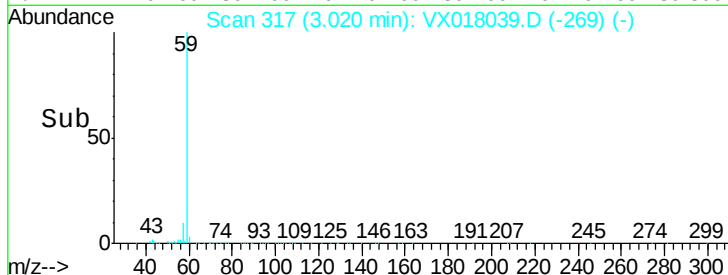
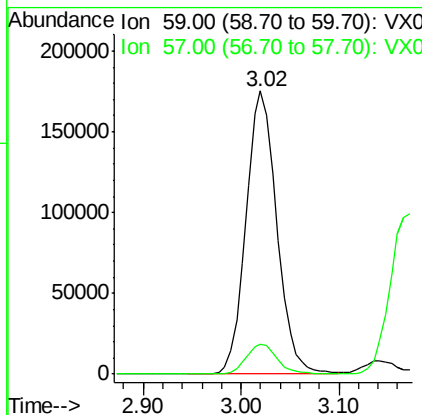
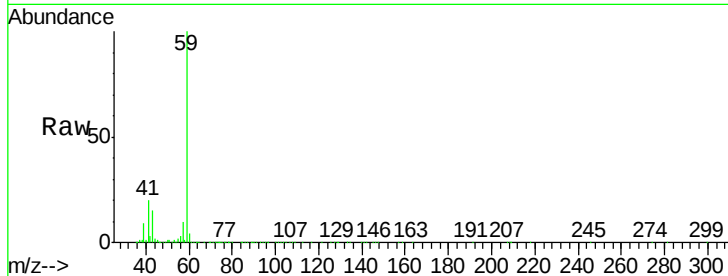
Tert butyl alcohol
Concen: 210.401 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	382468		
57	57	10.5		8.6	13.0

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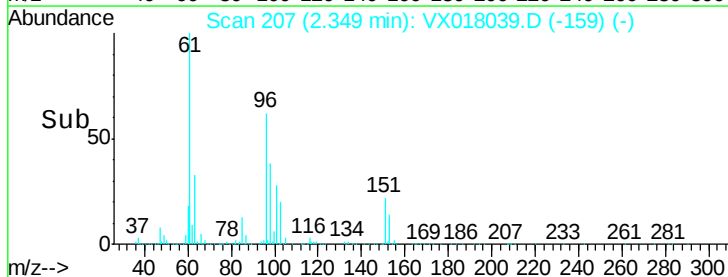
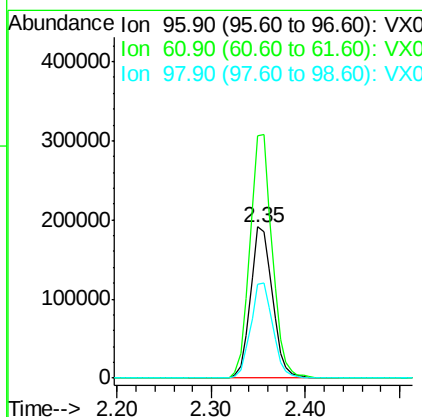
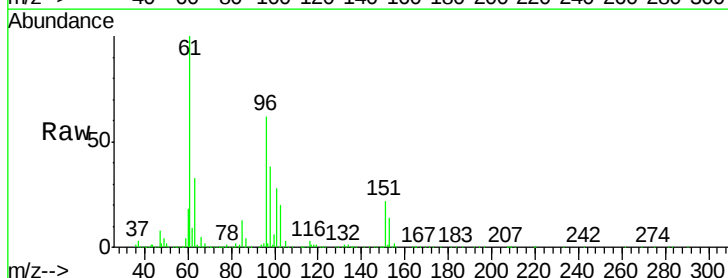
MMDadoda
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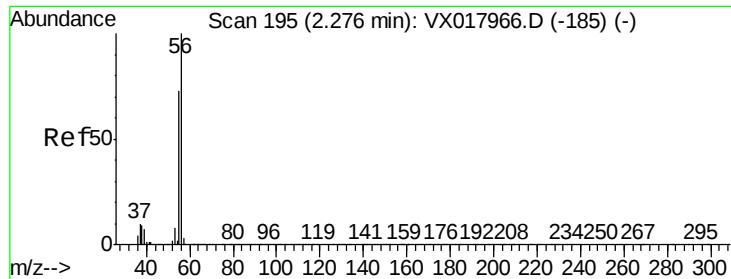


#12

1,1-Dichloroethene
Concen: 53.447 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	309409		
61	61	160.8		132.9	199.3
98	98	61.8		51.6	77.4





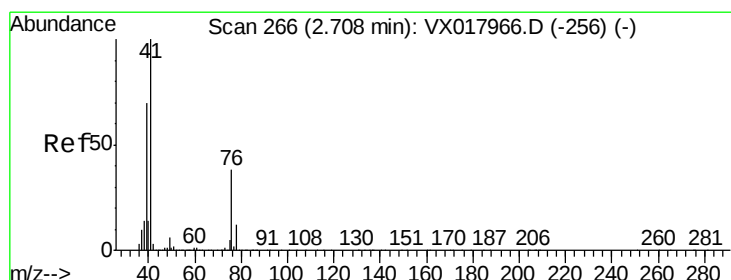
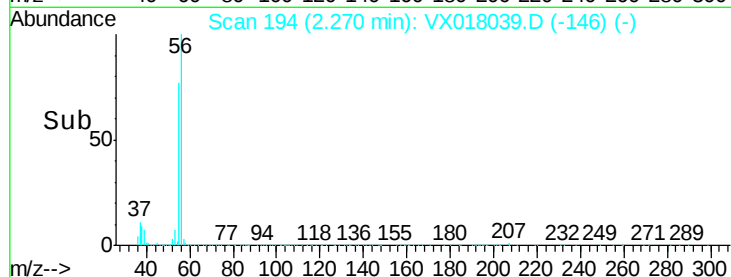
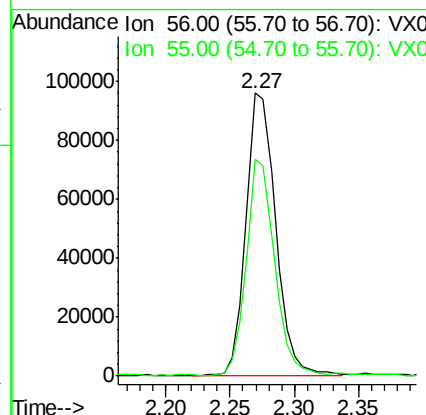
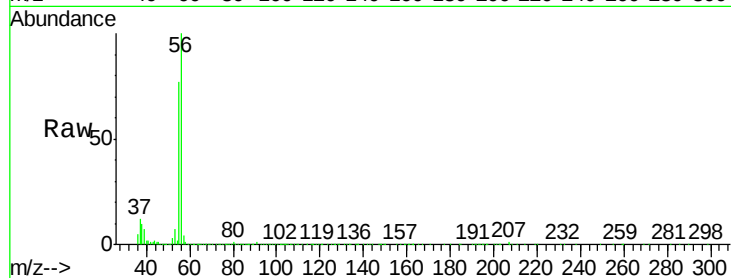
#13
Acrolein
Concen: 159.286 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.4	58.2	87.4

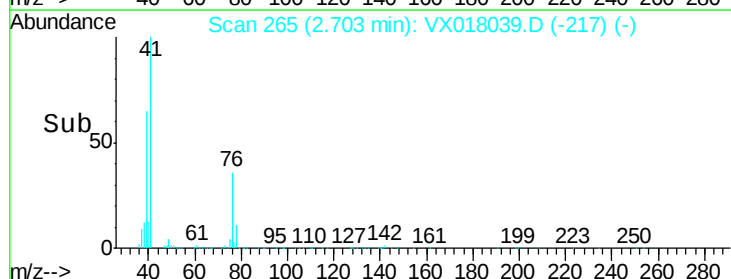
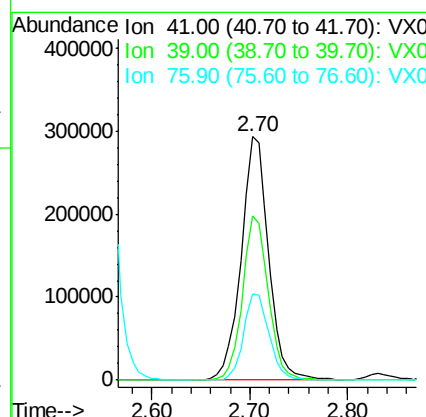
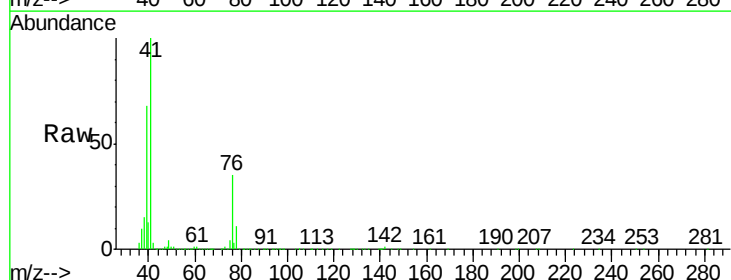
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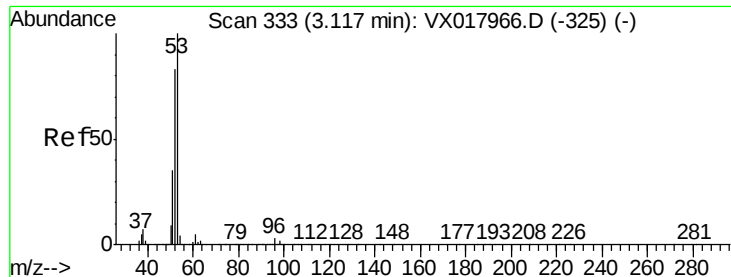
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#14
Allyl chloride
Concen: 55.118 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.3	51.7	77.5
76	32.9	26.3	39.5





#15

Acrylonitrile

Concen: 233.669 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

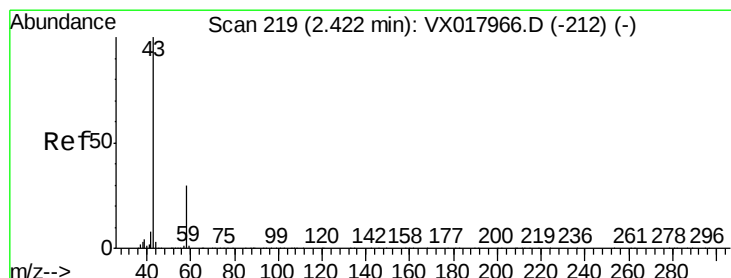
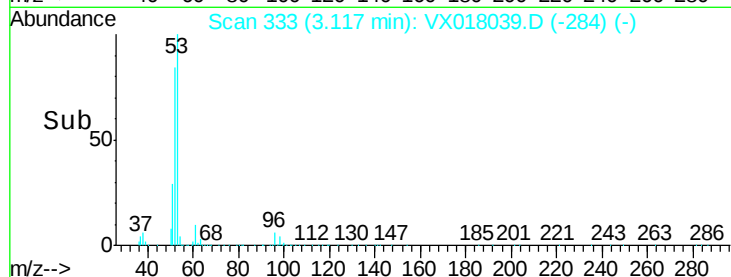
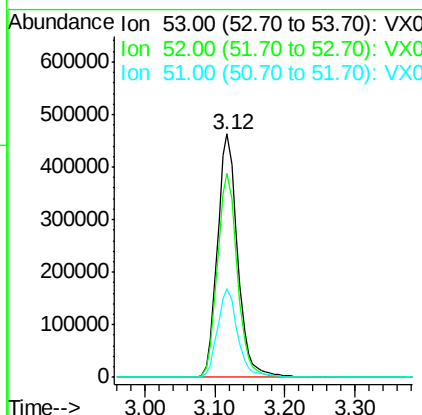
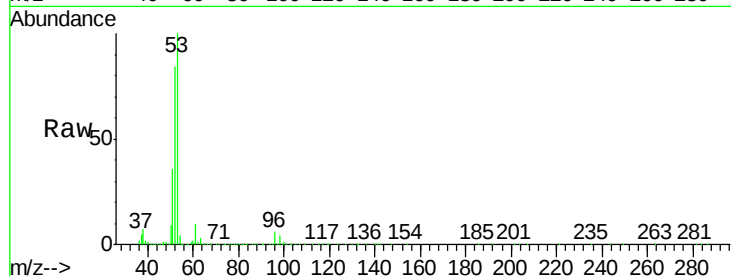
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	927639
Ion Ratio	Lower	Upper	
53	100		
52	83.1	67.1	100.7
51	36.2	29.2	43.8

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#16

Acetone

Concen: 243.572 ug/l

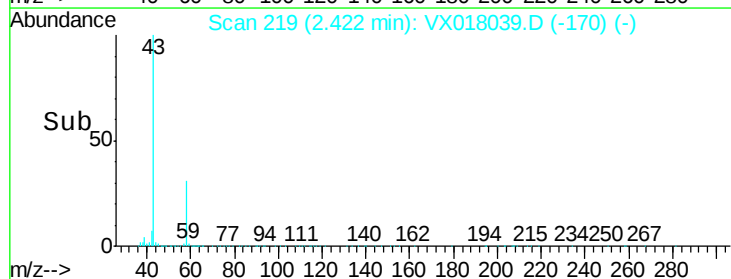
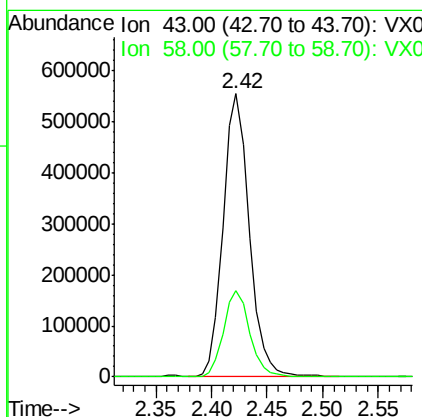
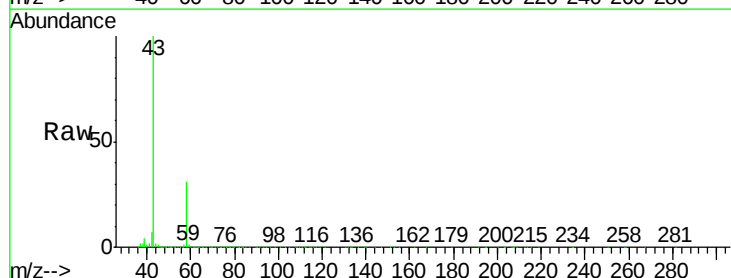
RT: 2.42 min Scan# 219

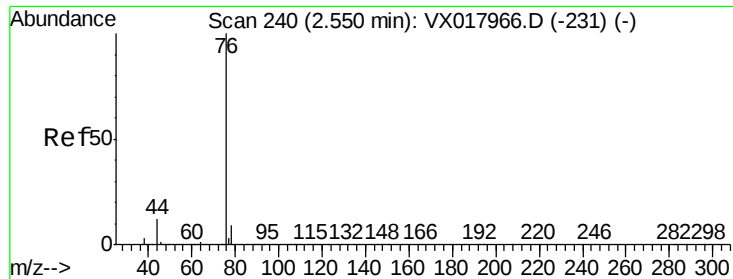
Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	43	Resp:	902191
Ion Ratio	Lower	Upper	
43	100		
58	30.6	23.8	35.8





#17

Carbon Disulfide

Concen: 64.277 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 902831

Ion Ratio Lower Upper

76 100

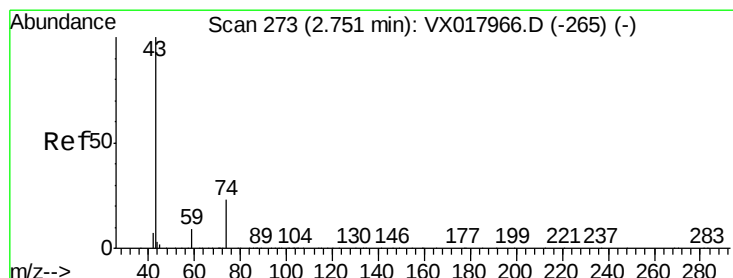
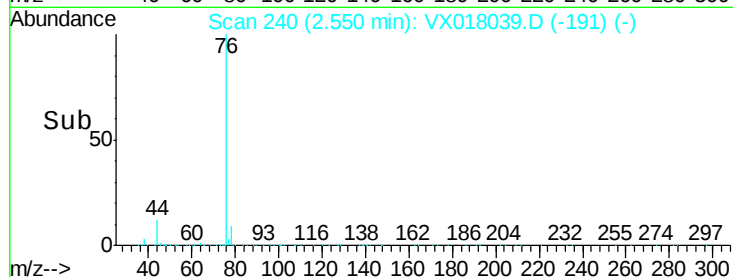
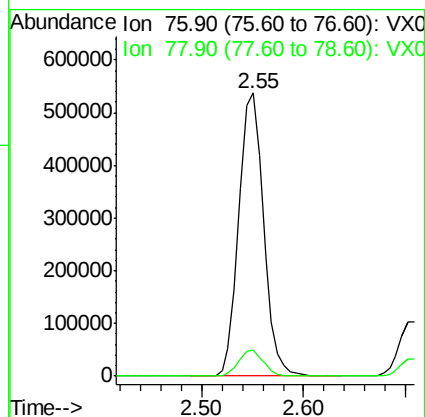
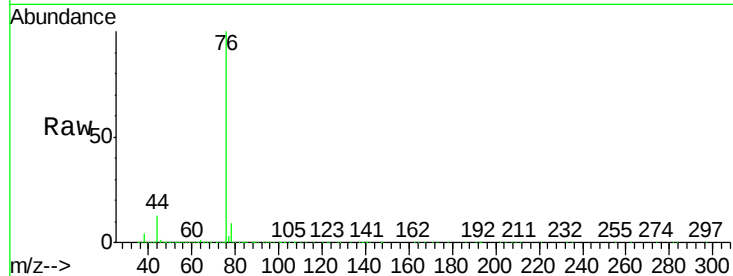
78 9.0 7.3 10.9

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#18

Methyl Acetate

Concen: 42.876 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018039.D

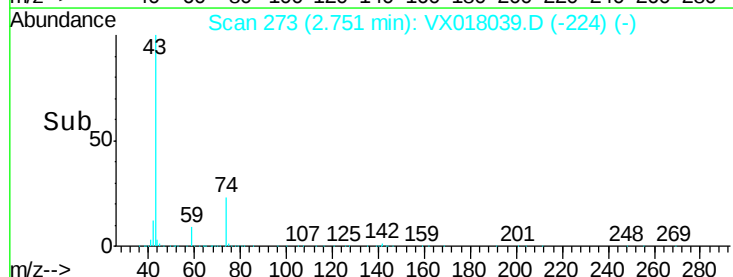
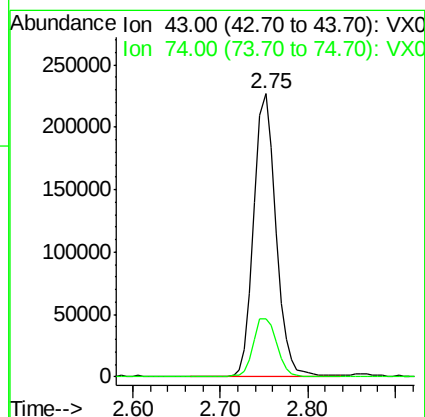
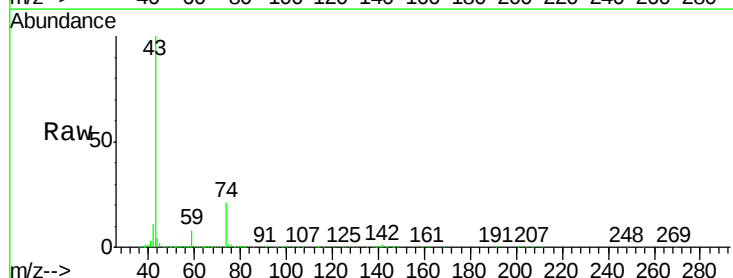
Acq: 20 Aug 2020 17:19

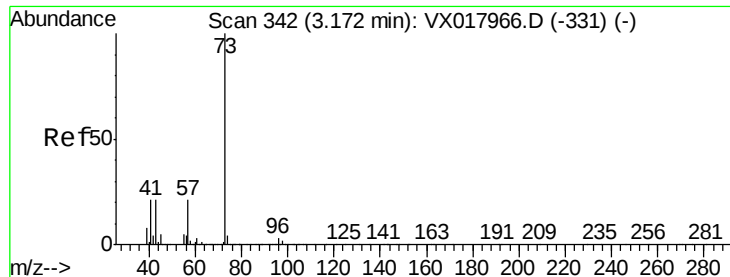
Tgt Ion: 43 Resp: 399621

Ion Ratio Lower Upper

43 100

74 22.5 19.7 29.5





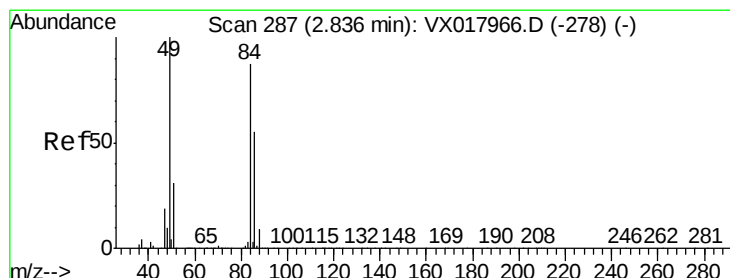
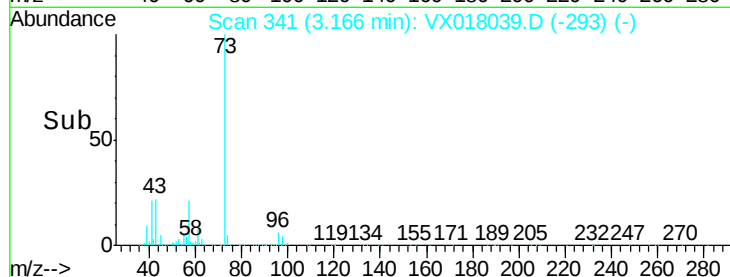
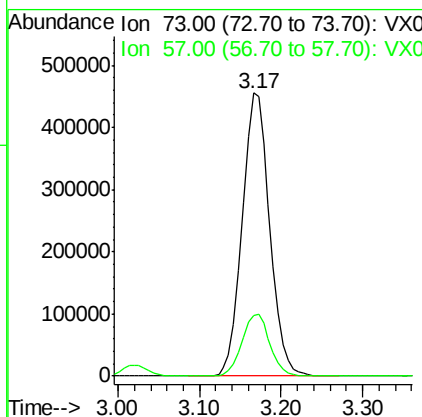
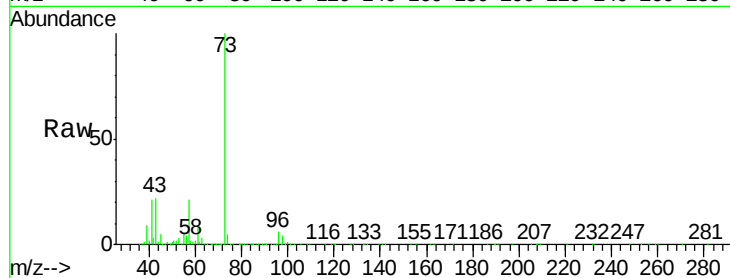
#19
Methvl tert-butvl Ether
Concen: 47.971 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1061739
Ion Ratio Lower Upper
73 100
57 21.3 16.9 25.3

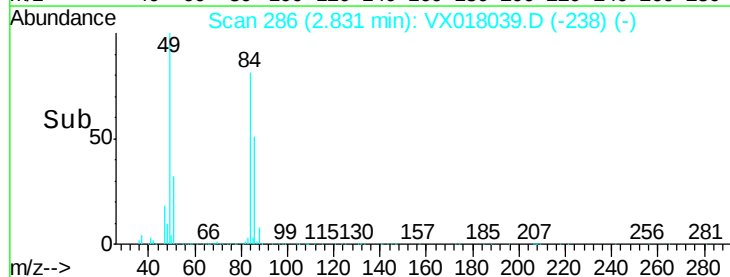
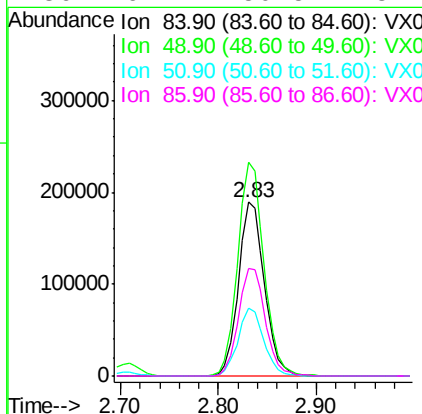
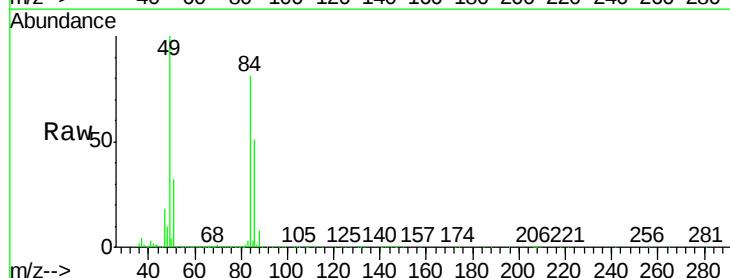
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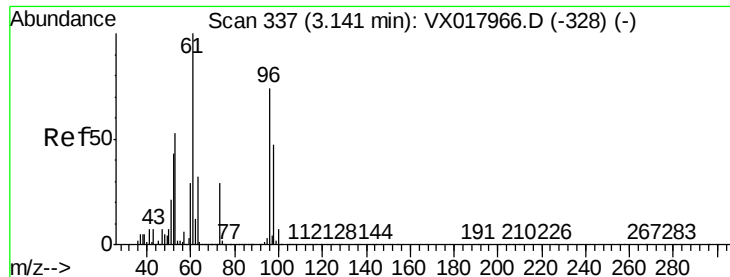
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#20
Methylene Chloride
Concen: 51.064 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 84 Resp: 348474
Ion Ratio Lower Upper
84 100
49 122.7 91.8 137.6
51 39.1 27.8 41.8
86 62.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 56.536 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

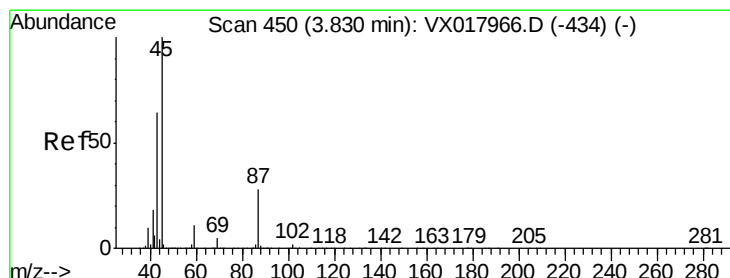
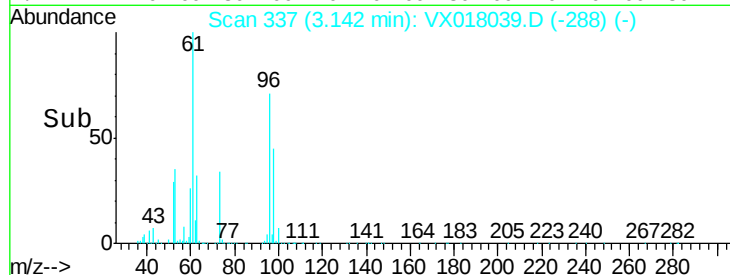
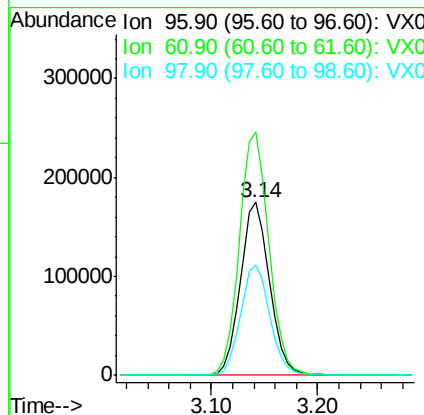
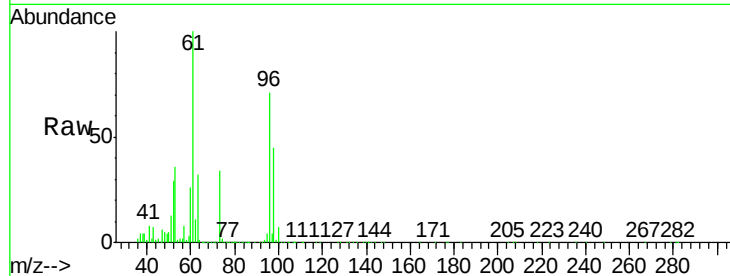
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	336466
Ion	Ratio	Lower	Upper
96	100		
61	140.7	108.6	163.0
98	63.5	51.4	77.0

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#22

Diisopropyl ether

Concen: 50.623 ug/l

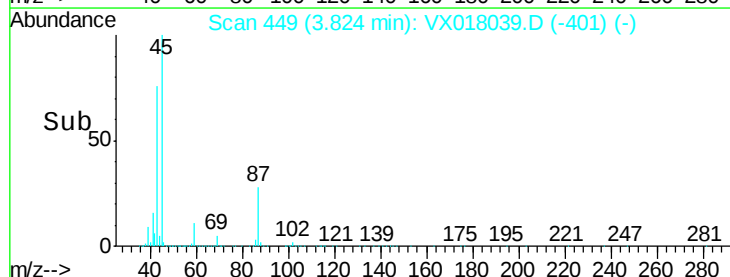
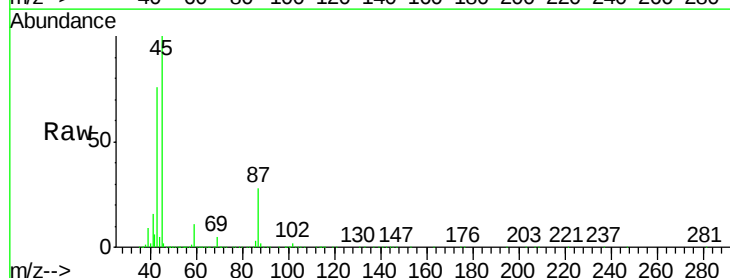
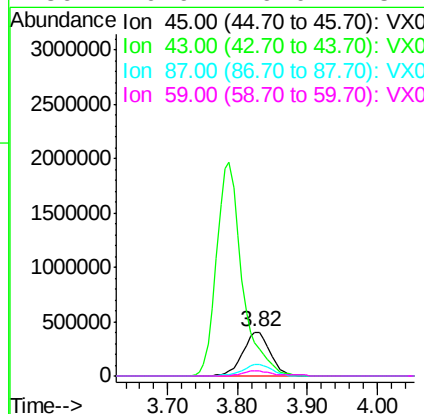
RT: 3.82 min Scan# 449

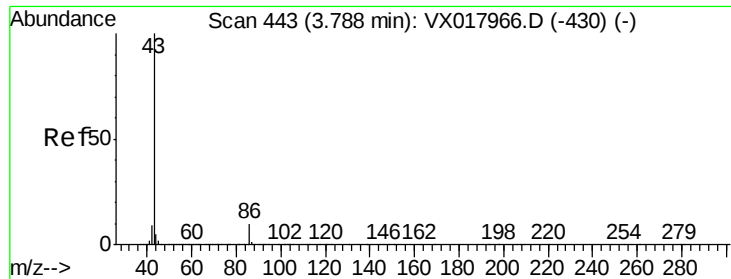
Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	45	Resp:	1095684
Ion	Ratio	Lower	Upper
45	100		
43	75.6	51.5	77.3
87	27.8	22.6	33.8
59	10.9	9.0	13.4





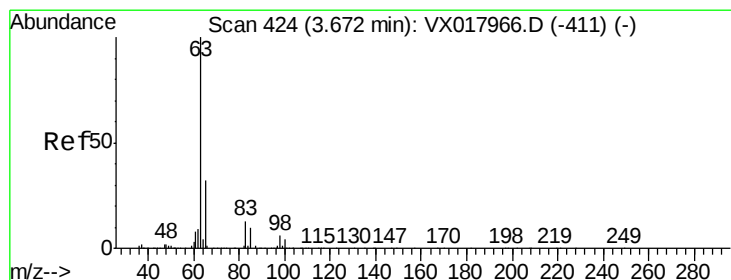
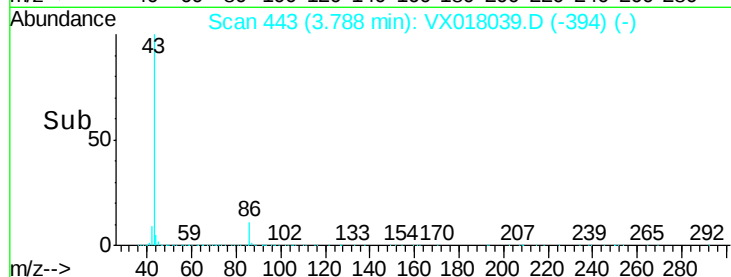
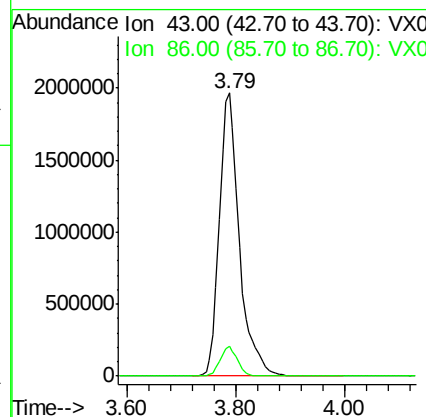
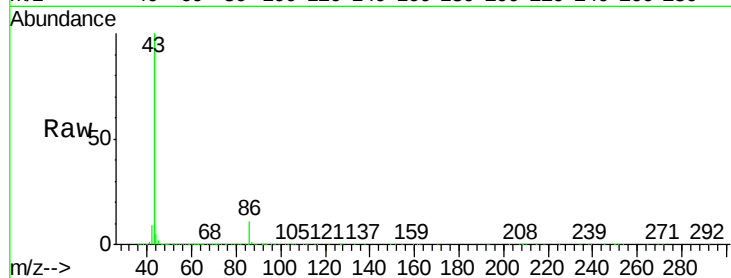
#23
 Vinyl Acetate
 Concen: 302.793 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 5008237
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.1 12.1

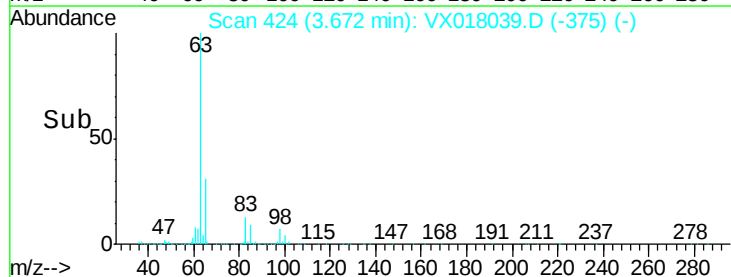
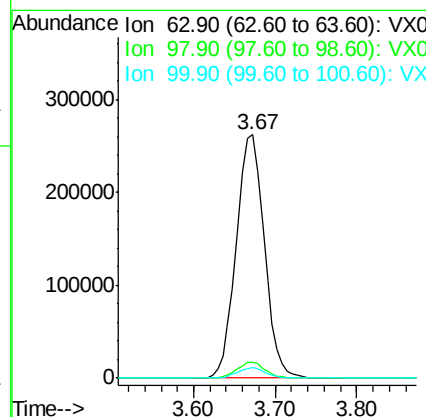
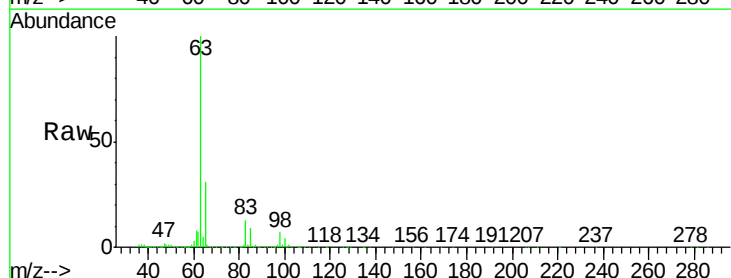
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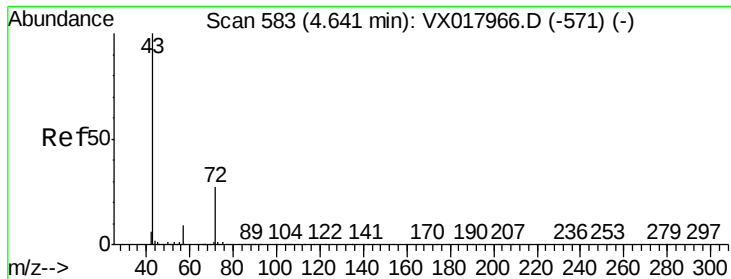
MMDadoda
 8/21/2020 10:50:55 AM



#24
 1,1-Dichloroethane
 Concen: 51.867 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion: 63 Resp: 622323
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.0
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 247.146 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tot Ion: 43 Resp: 1385890

Ion Ratio Lower Upper

43 100

72 24.4 21.4 32.2

Instrument :

MSVOA_X

ClientSampleId :

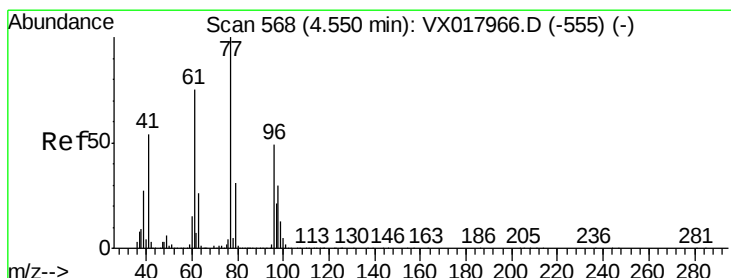
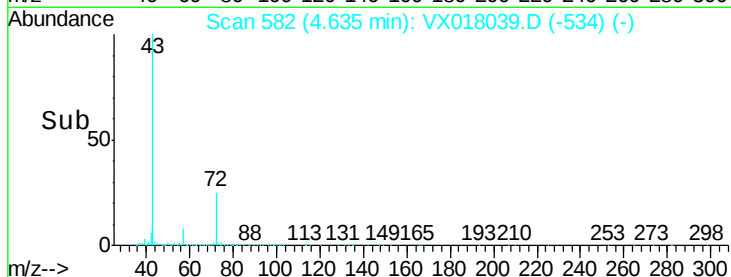
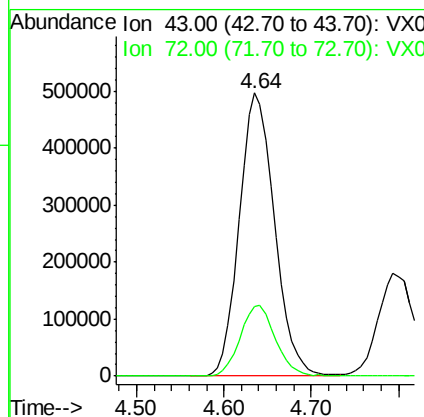
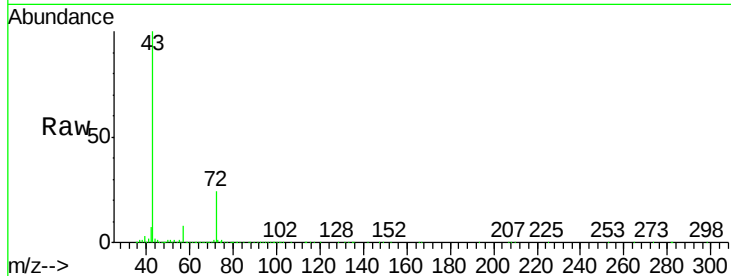
VSTDCCC050EC

Manual Integrations

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8/21/2020 10:50:55 AM



#26

2,2-Dichloropropane

Concen: 52.556 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018039.D

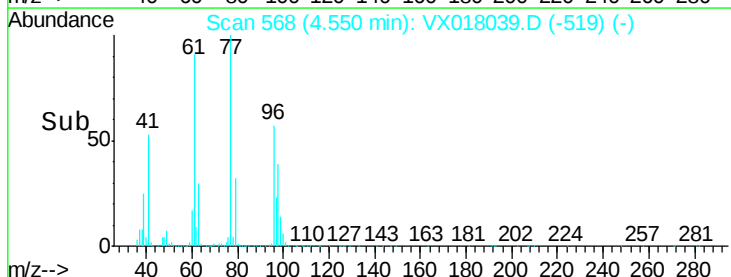
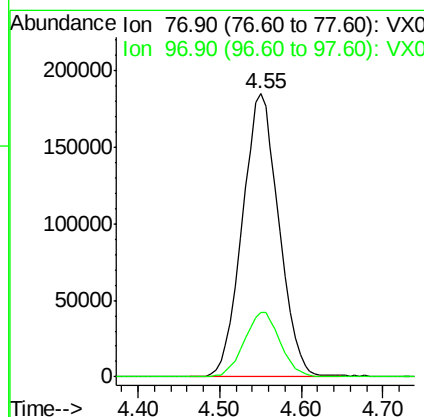
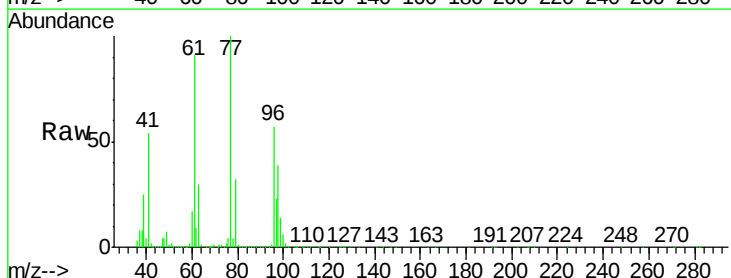
Acq: 20 Aug 2020 17:19

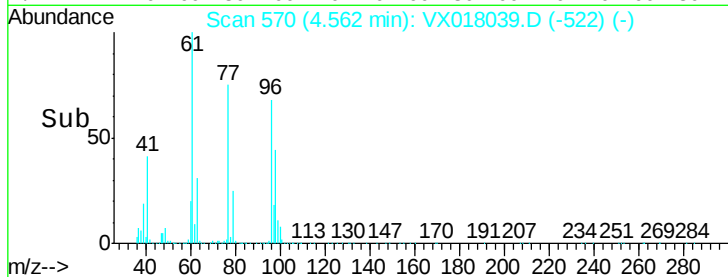
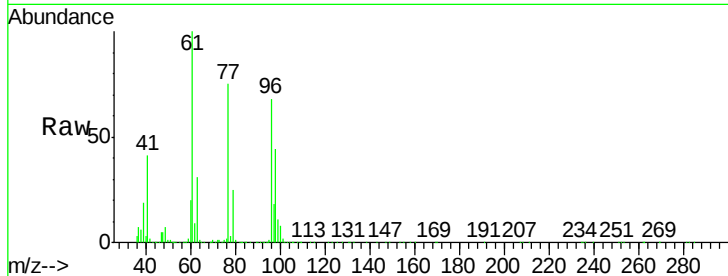
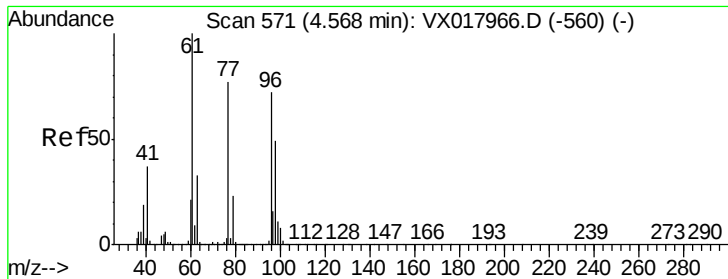
Tgt Ion: 77 Resp: 574227

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 54.914 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.0	0.0	298.8	
98	64.9	0.0	130.2	

Instrument :

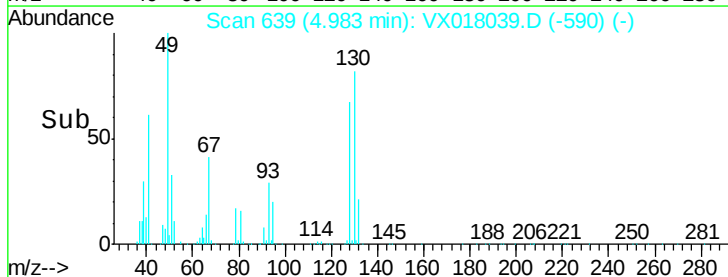
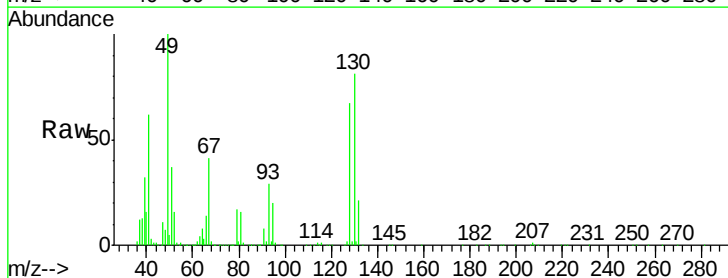
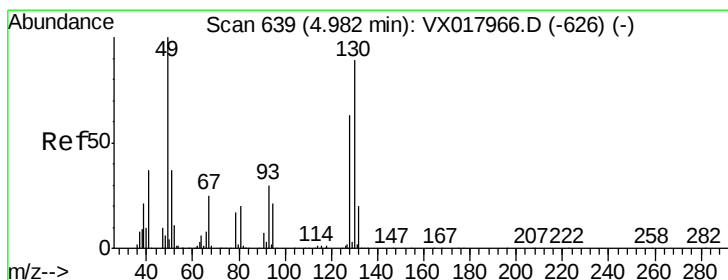
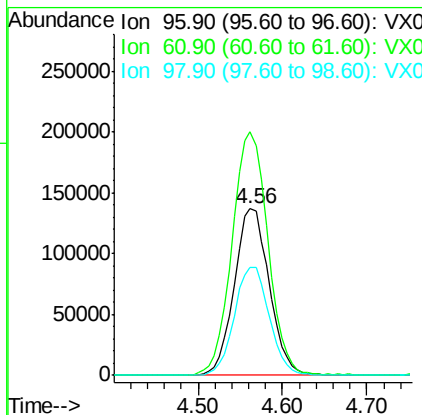
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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#28

Bromochloromethane

Concen: 40.871 ug/l

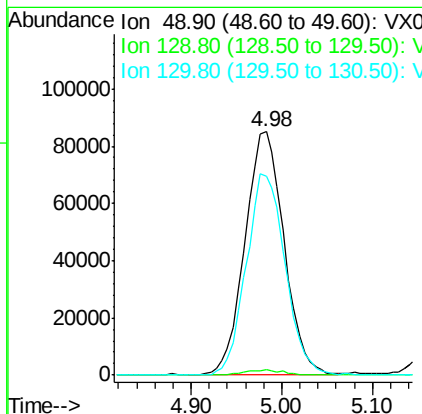
RT: 4.98 min Scan# 639

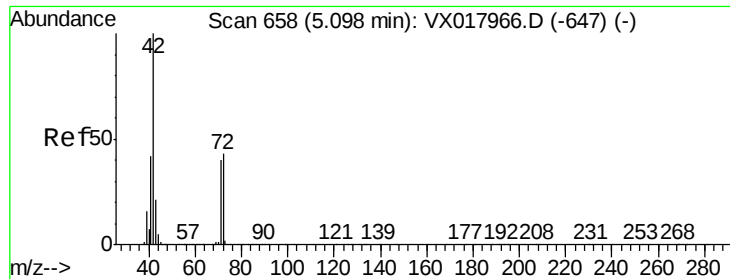
Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	3.6	
130	82.9	68.5	102.7	





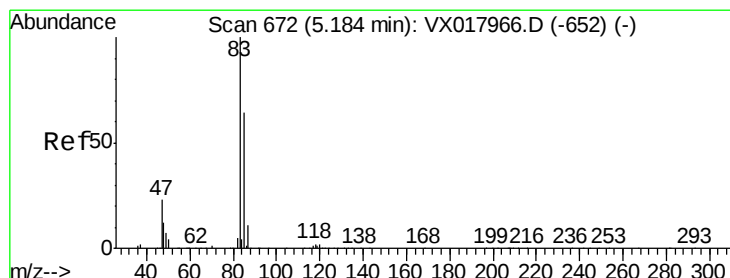
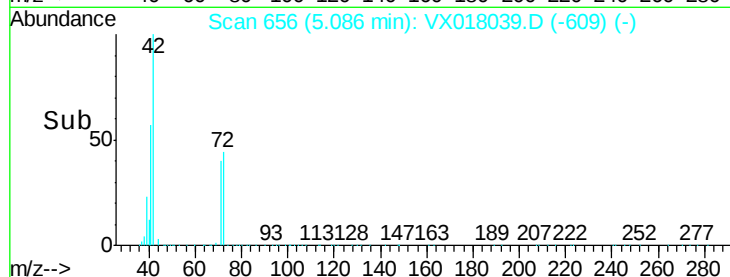
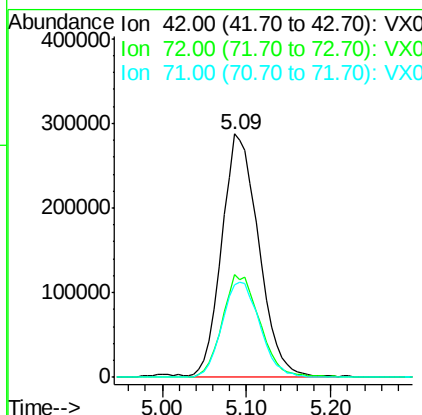
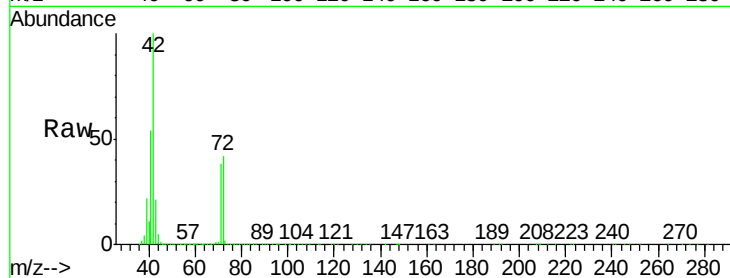
#29
Tetrahydrofuran
Concen: 245.591 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	43.2		35.9	53.9
71	40.4		33.0	49.4

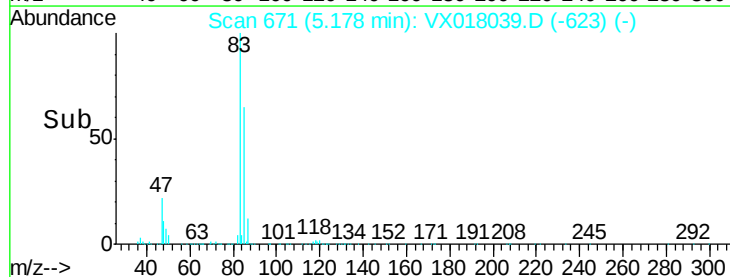
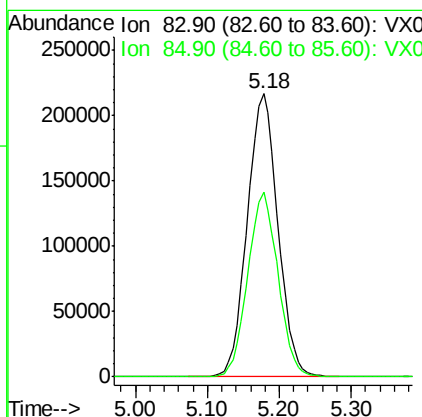
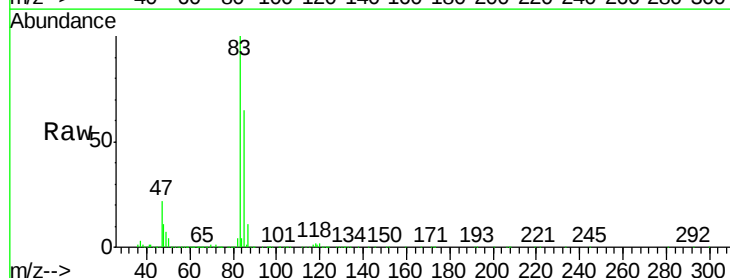
Manual Integrations
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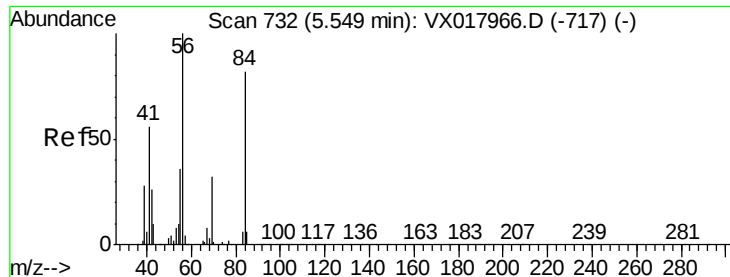
MMDadoda
8/21/2020 10:50:55 AM



#30
Chloroform
Concen: 48.872 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.4		51.3	76.9





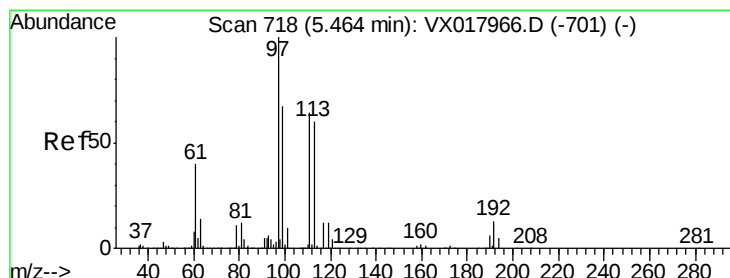
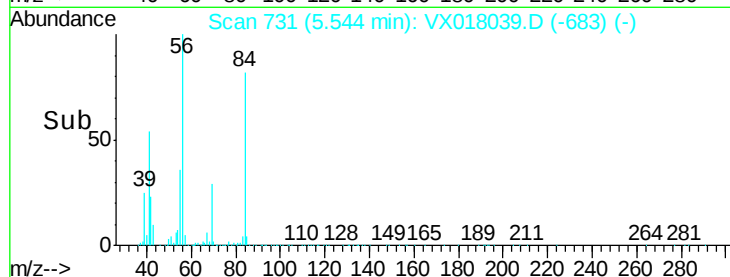
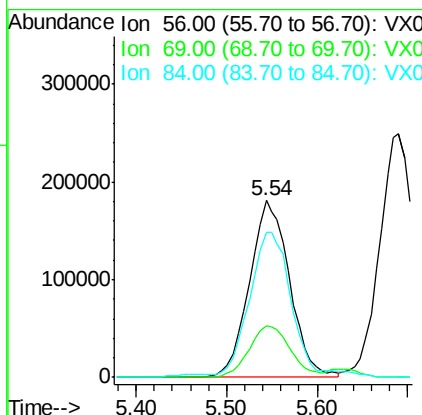
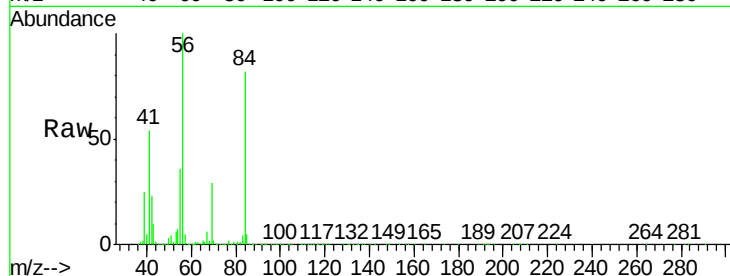
#31
Cyclohexane
Concen: 56.442 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.3	37.9
84	80.8	65.3	97.9

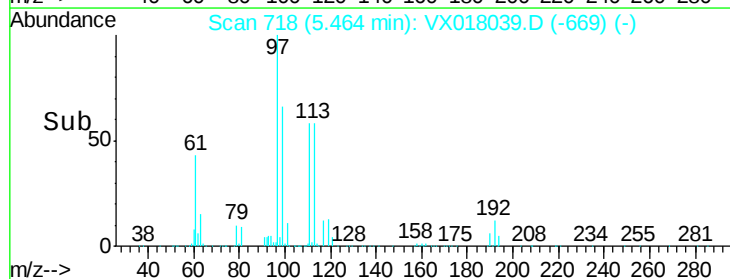
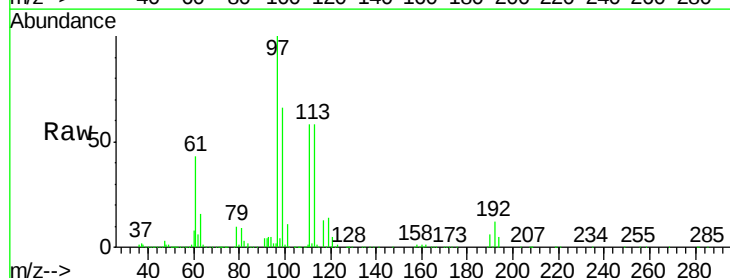
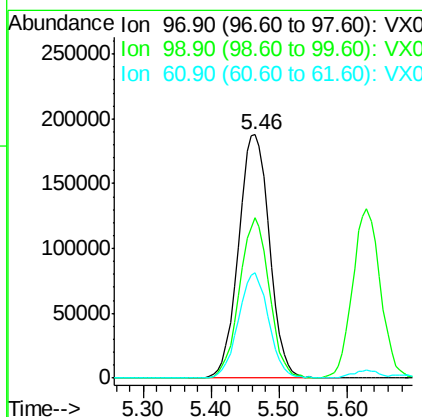
Manual Integrations
APPROVED

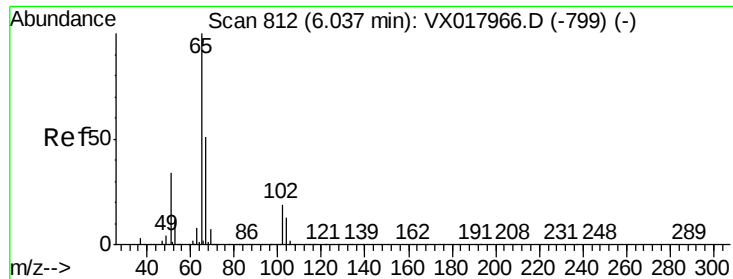
MMDadoda
8/21/2020 10:50:55 AM



#32
1,1,1-Trichloroethane
Concen: 49.791 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	42.1	33.7	50.5





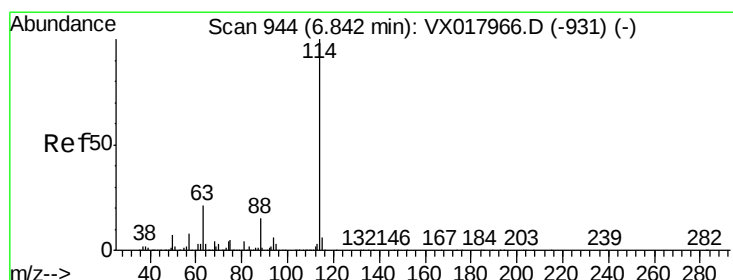
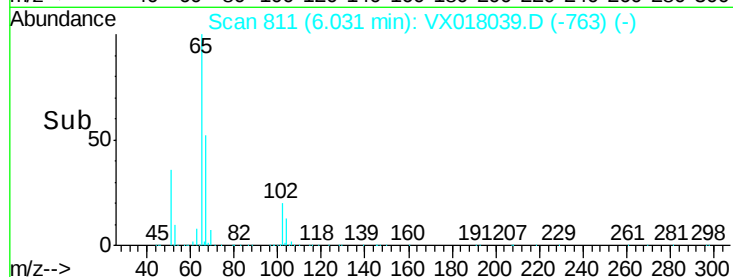
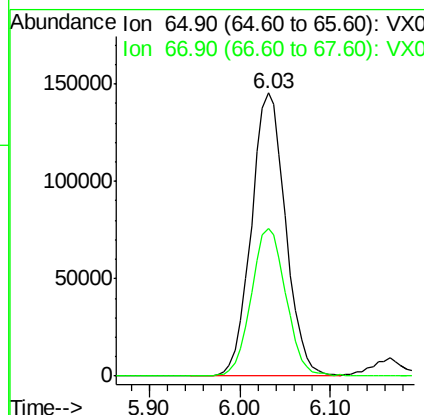
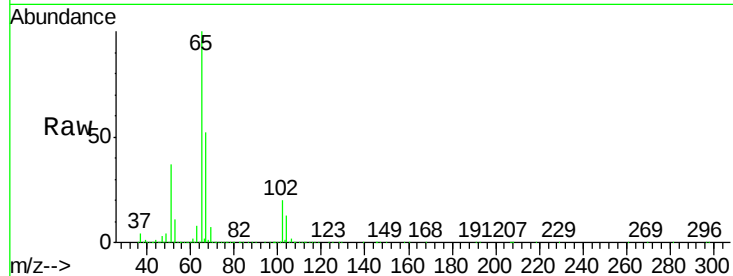
#33
 1,2-Dichloroethane-d4
 Concen: 40.283 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.0

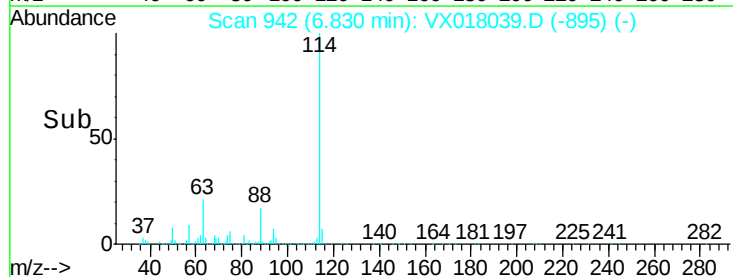
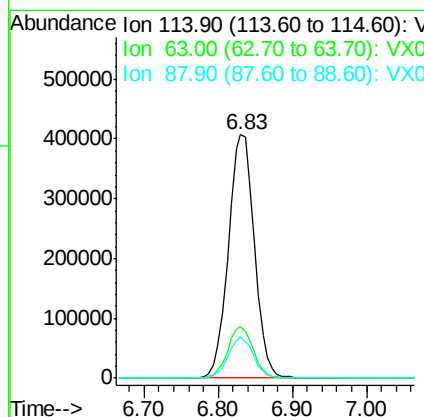
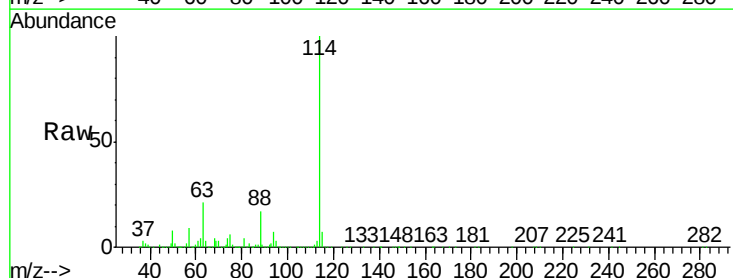
Manual Integrations
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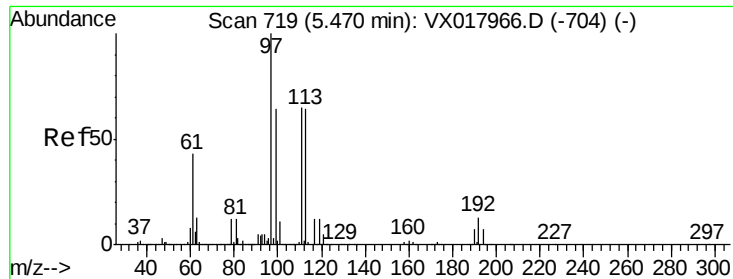
MMDadoda
 8/21/2020 10:50:55 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.6
88	17.1	0.0	30.2





#35

Dibromofluoromethane

Concen: 41.480 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

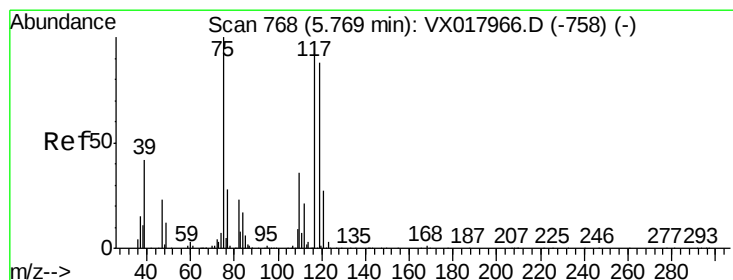
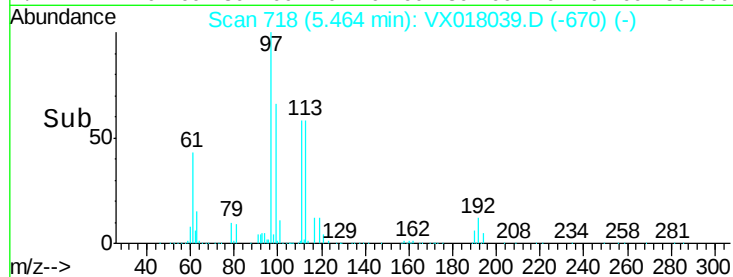
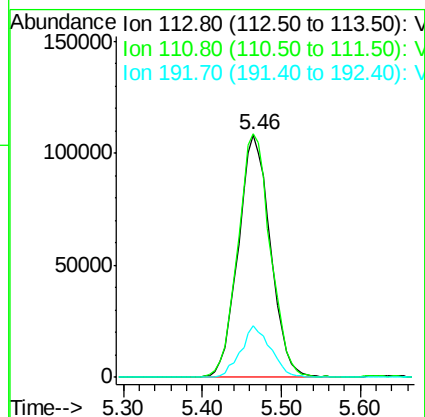
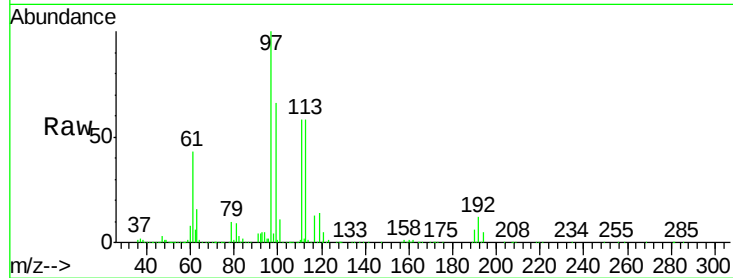
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	306661
Ion Ratio	Lower	Upper	
113	100		
111	101.5	83.5	125.3
192	19.8	16.2	24.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 58.734 ug/l

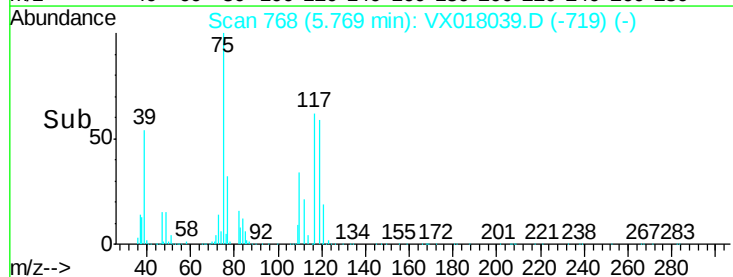
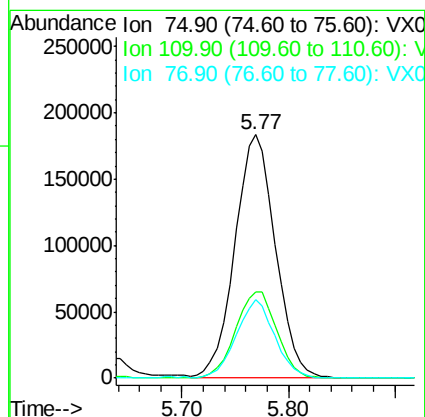
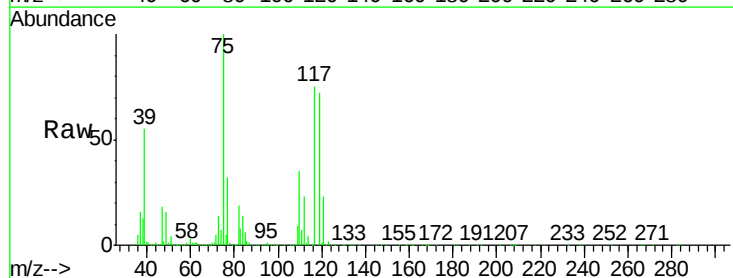
RT: 5.77 min Scan# 768

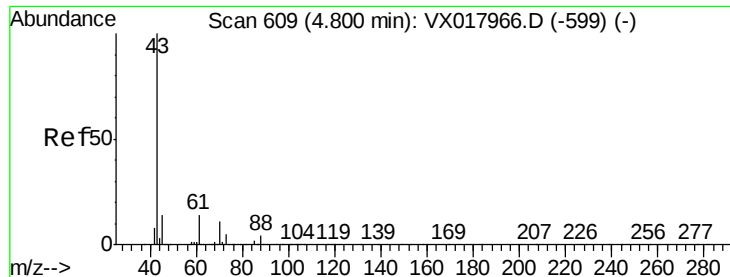
Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	75	Resp:	488052
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.7	56.1
77	30.8	24.4	36.6





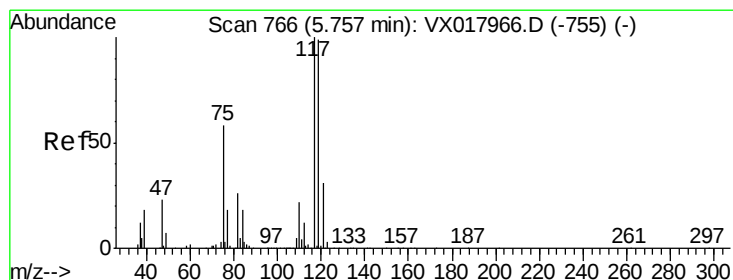
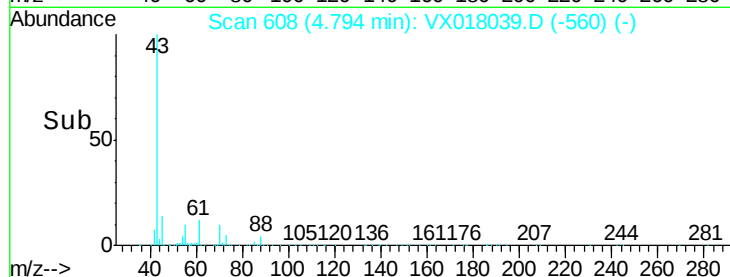
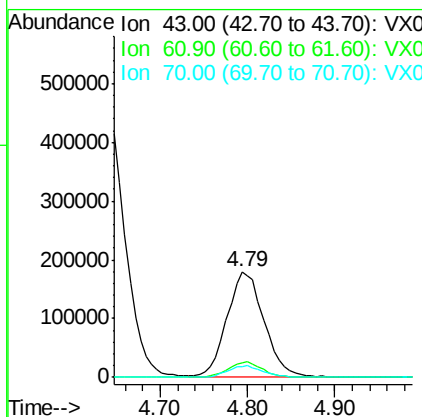
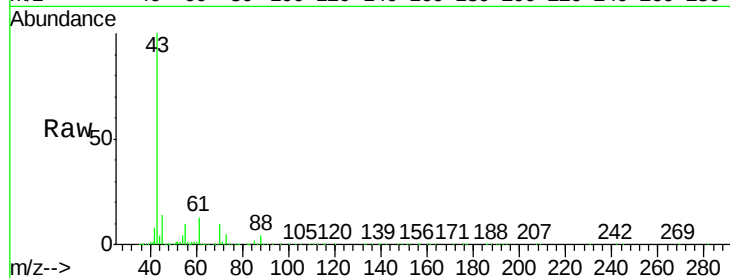
#37
Ethyl Acetate
Concen: 52.814 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	525090
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	10.8	8.5	12.7

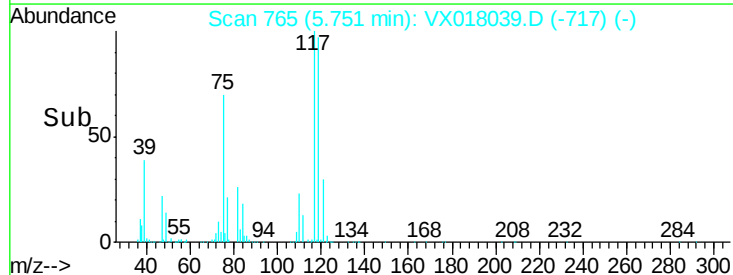
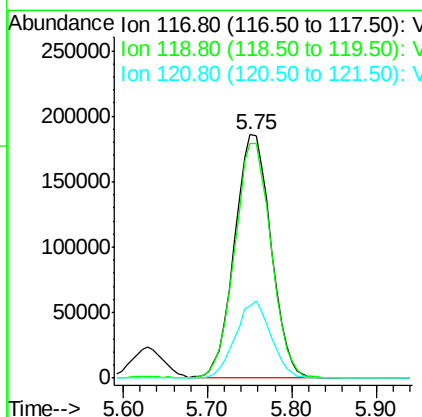
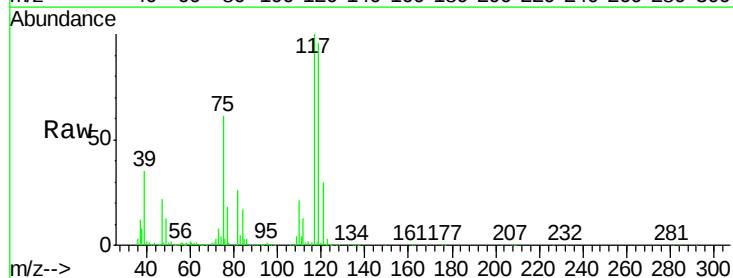
Manual Integrations
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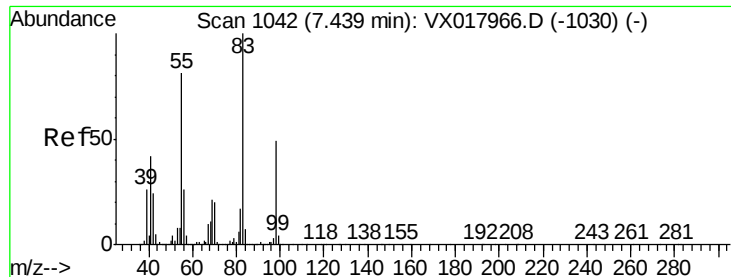
MMDadoda
8/21/2020 10:50:55 AM



#38
Carbon Tetrachloride
Concen: 50.502 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion:	117	Resp:	543120
Ion	Ratio	Lower	Upper
117	100		
119	96.5	79.0	118.6
121	29.9	24.7	37.1





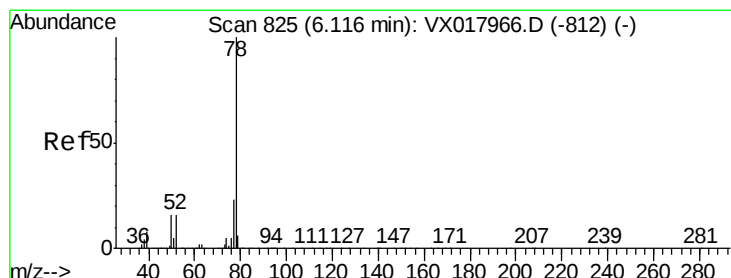
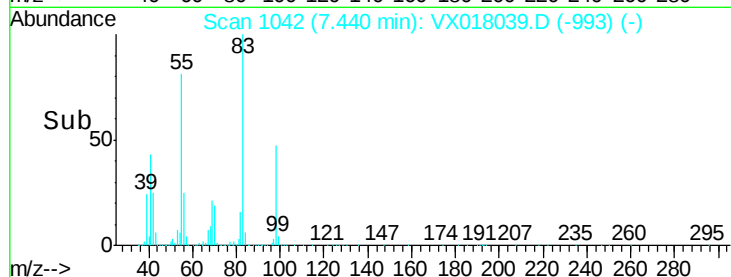
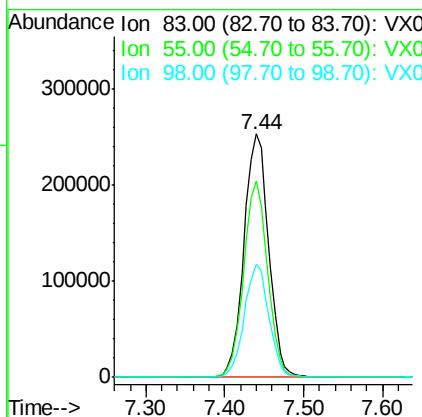
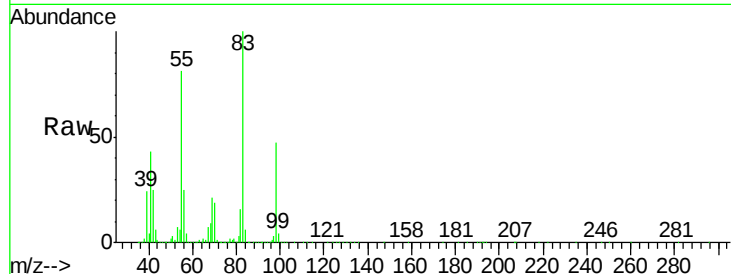
#39
Methvlcvclohexane
Concen: 51.856 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	64.5	96.7
98	46.6	39.0	58.6

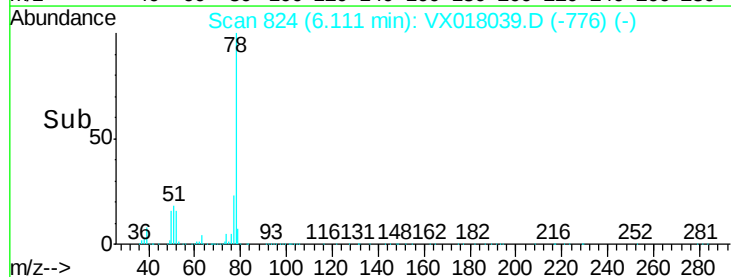
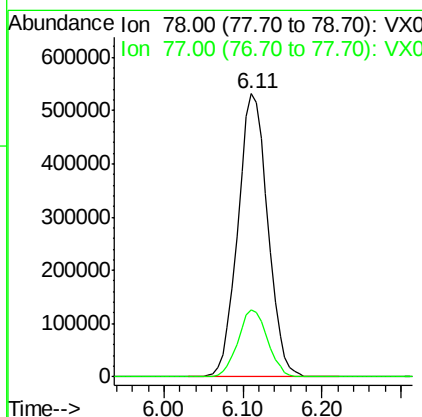
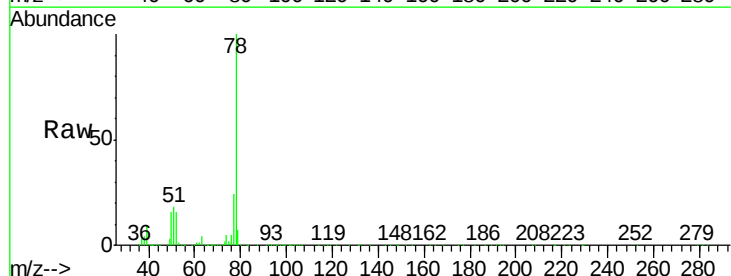
Manual Integrations
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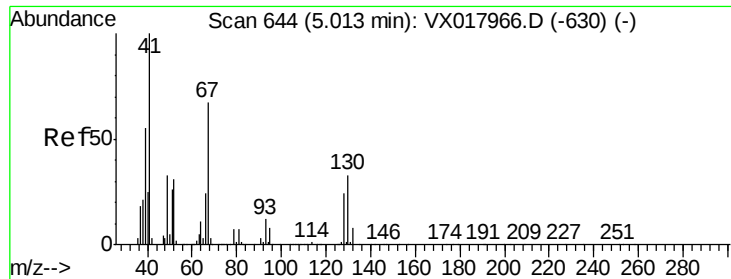
MMDadoda
8/21/2020 10:50:55 AM



#40
Benzene
Concen: 56.003 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41

Methacrylonitrile

Concen: 51.670 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

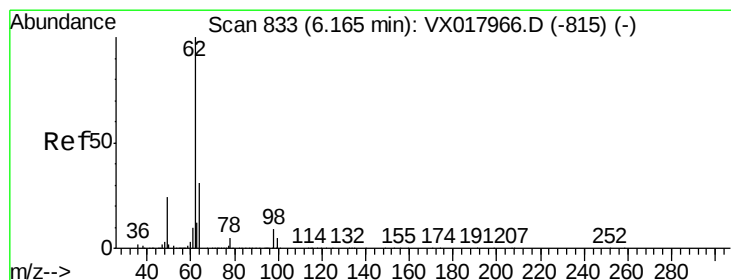
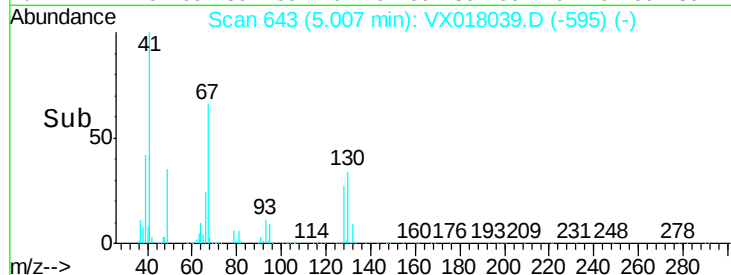
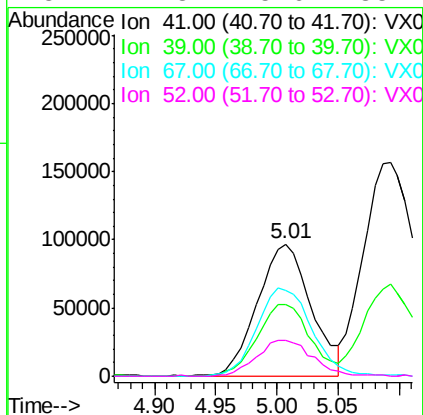
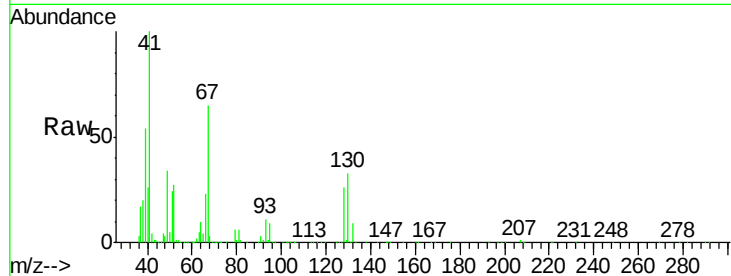
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.8	67.2
67	68.9	57.5	86.3
52	27.8	25.6	38.4

Manual Integrations
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MMDadoda
8/21/2020 10:50:55 AM



#42

1,2-Dichloroethane

Concen: 49.397 ug/l

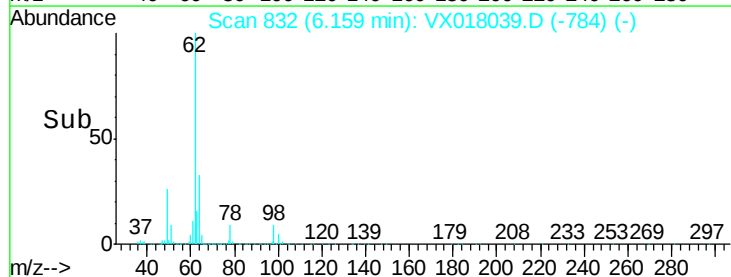
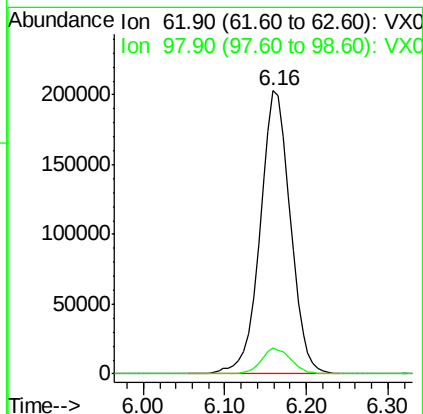
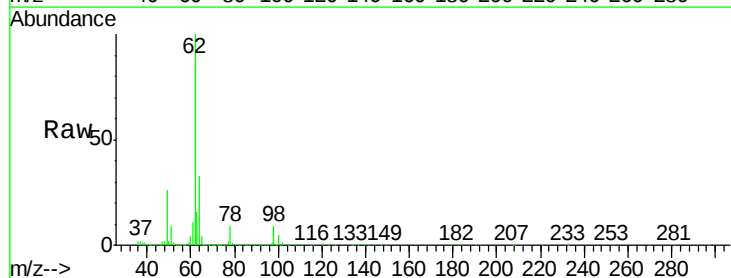
RT: 6.16 min Scan# 832

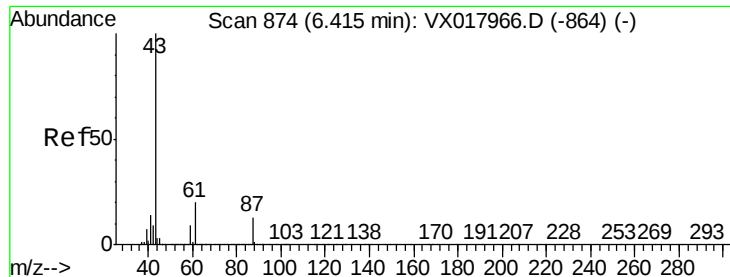
Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2





#43

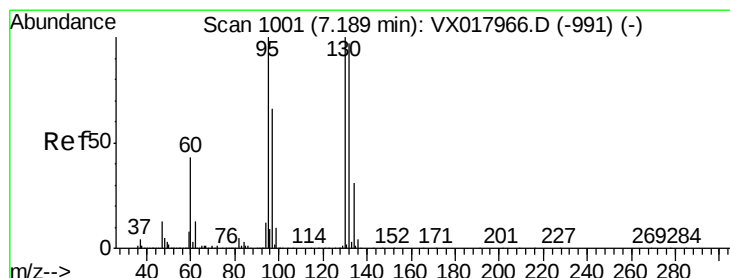
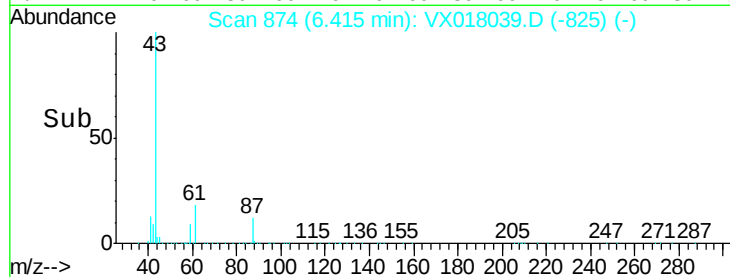
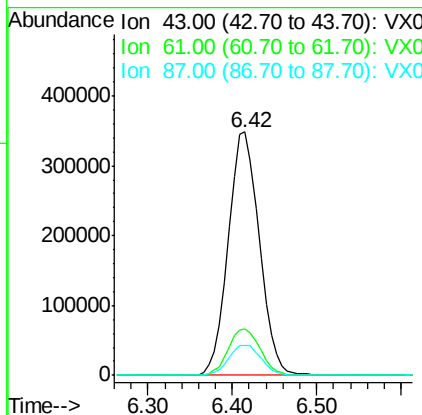
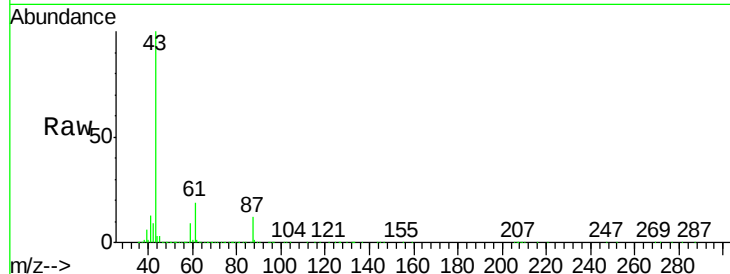
Isopropyl Acetate
 Concen: 54.226 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.2	24.4
87	13.1	10.8	16.2

Manual Integrations
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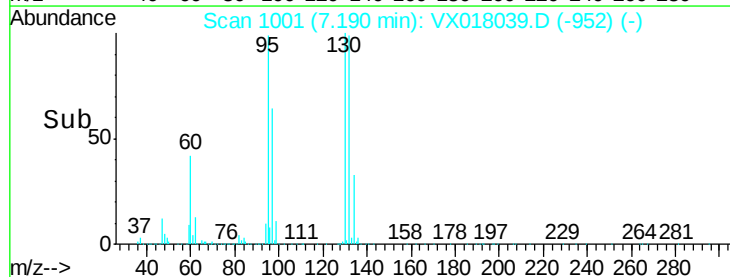
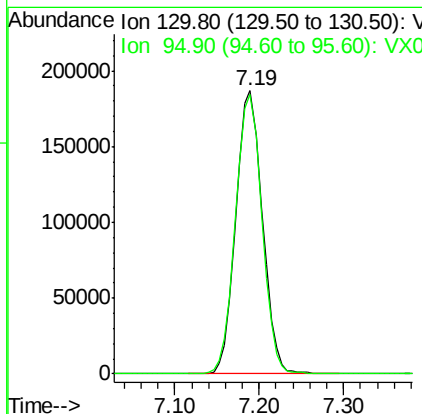
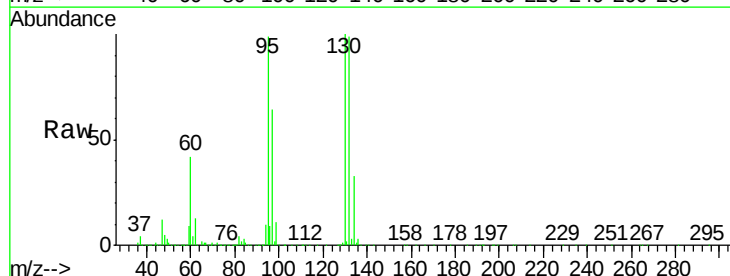
MMDadoda
 8/21/2020 10:50:55 AM

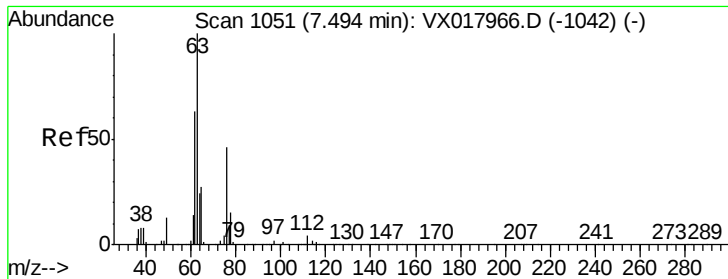


#44

Trichloroethene
 Concen: 53.482 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	200.6





#45

1,2-Dichloropropane

Concen: 52.594 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 377145

Ion Ratio Lower Upper

63 100

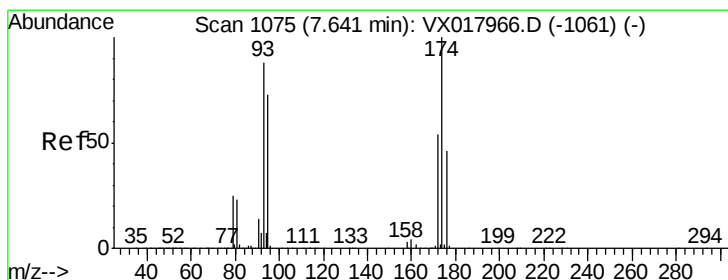
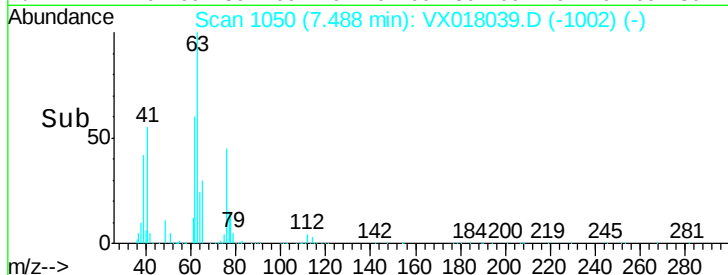
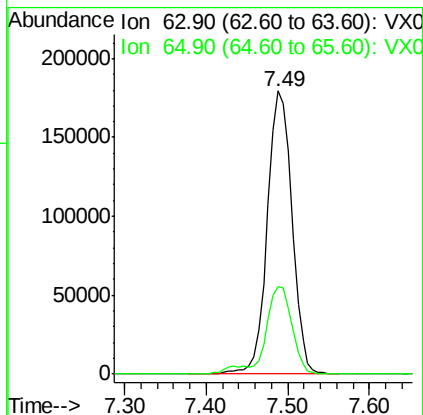
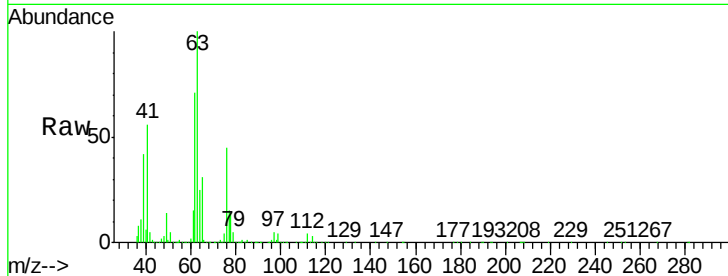
65 31.1 23.8 35.8

Manual Integrations

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#46

Dibromomethane

Concen: 51.679 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

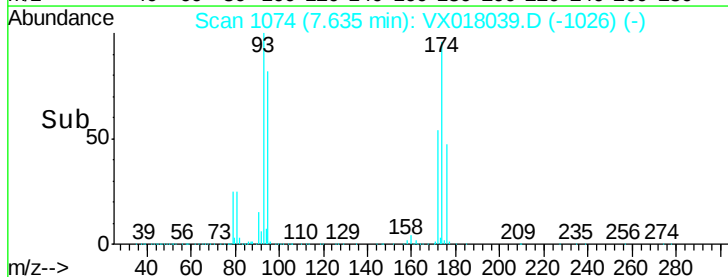
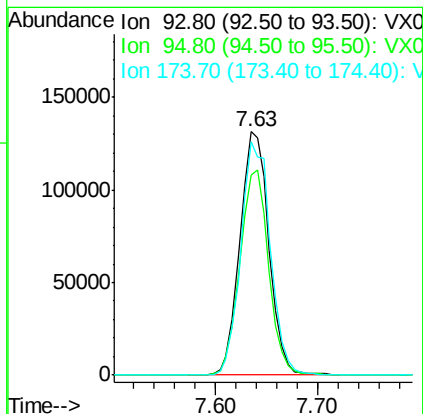
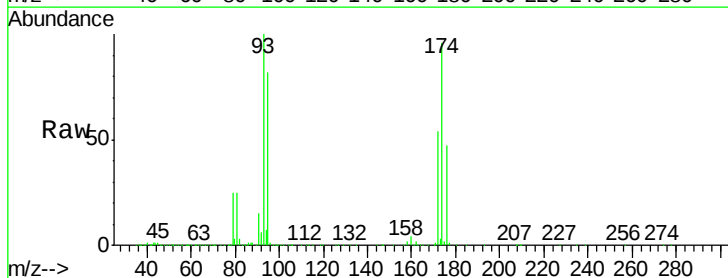
Tgt Ion: 93 Resp: 258635

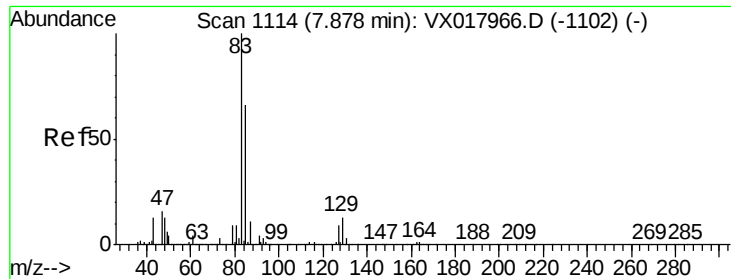
Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 98.4 88.3 132.5





#47

Bromodichloromethane

Concen: 49.152 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

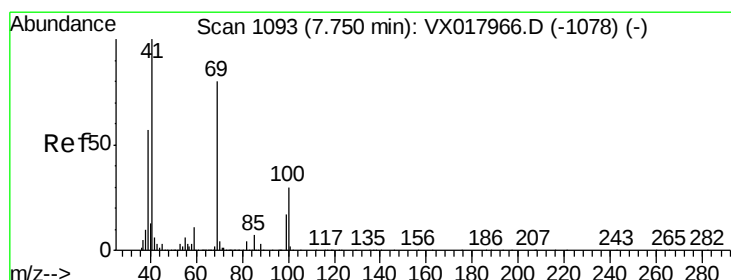
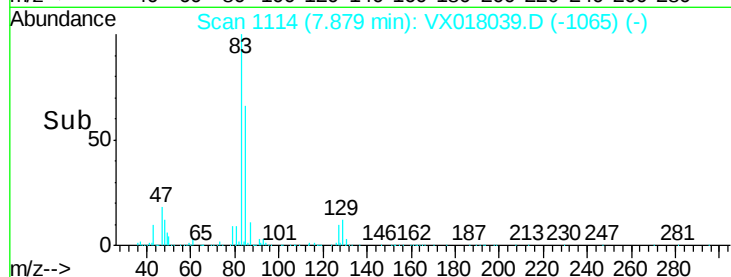
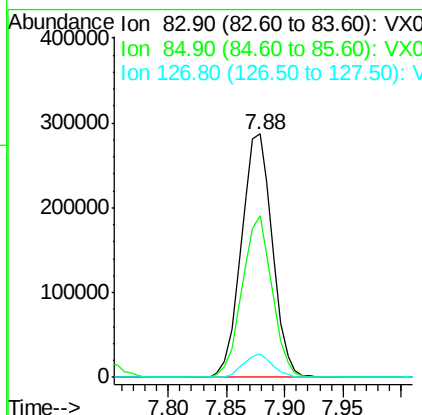
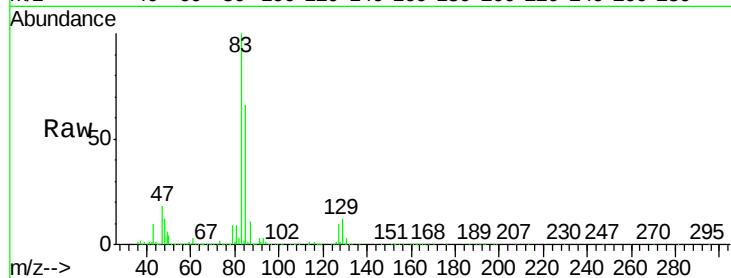
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	534027
Ion Ratio	Lower	Upper	
83	100		
85	66.2	52.4	78.6
127	9.5	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.836 ug/l

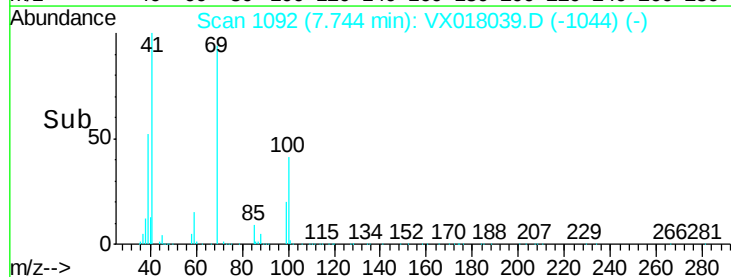
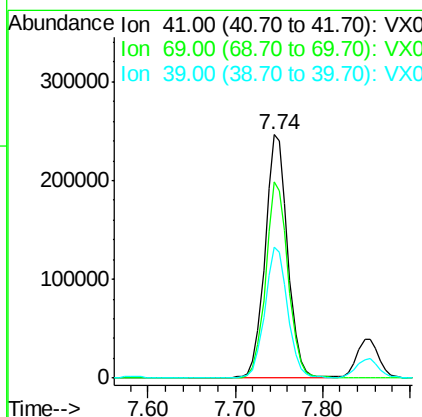
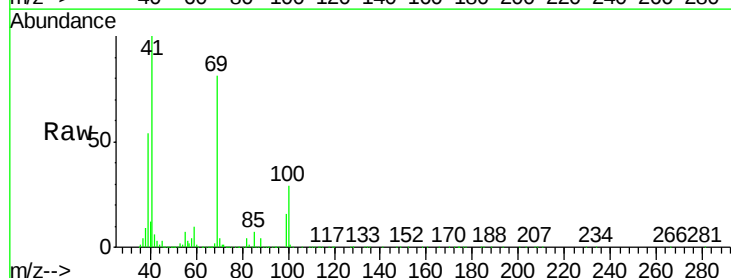
RT: 7.74 min Scan# 1092

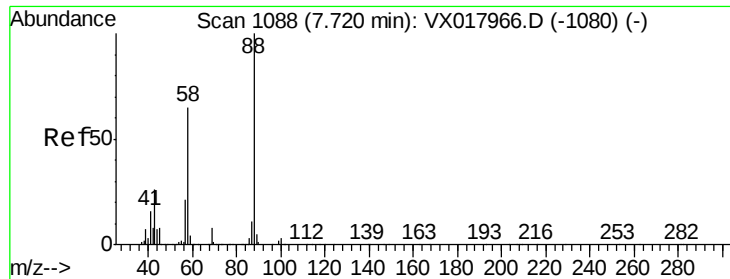
Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	41	Resp:	444264
Ion Ratio	Lower	Upper	
41	100		
69	79.9	64.3	96.5
39	53.9	45.3	67.9





#49

1,4-Dioxane

Concen: 866.683 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

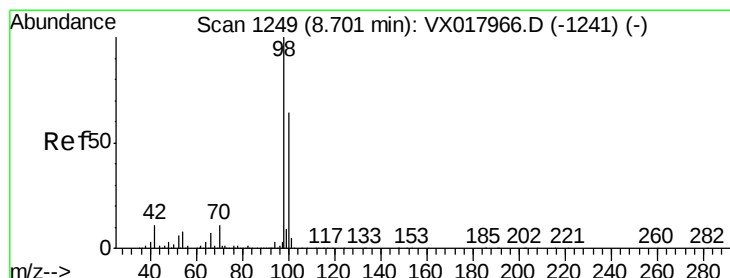
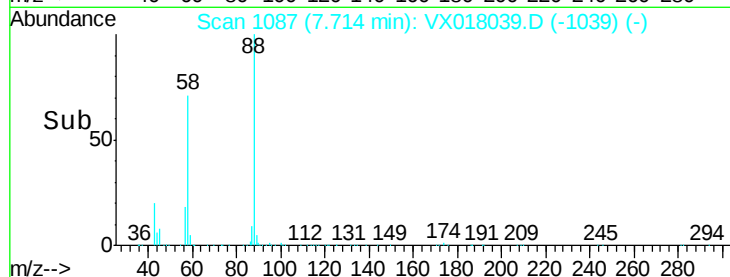
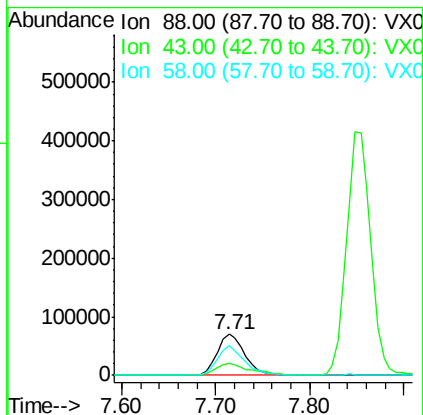
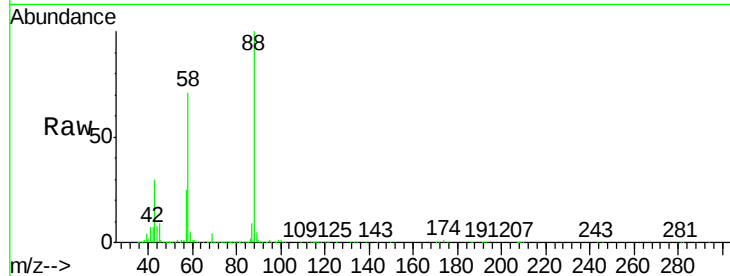
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	141174
Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.3	40.9
58	71.9	57.7	86.5

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#50

Toluene-d8

Concen: 43.679 ug/l

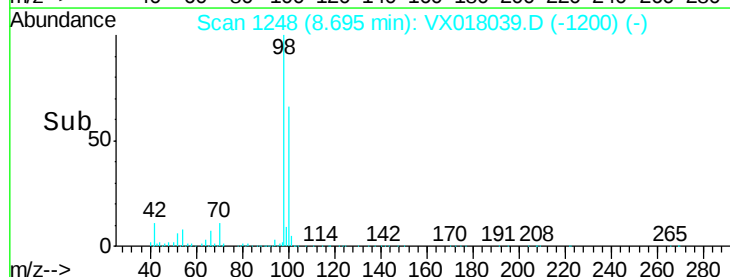
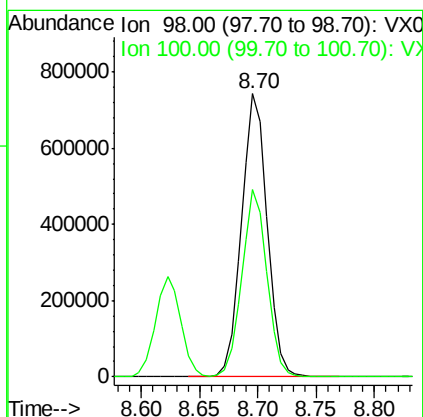
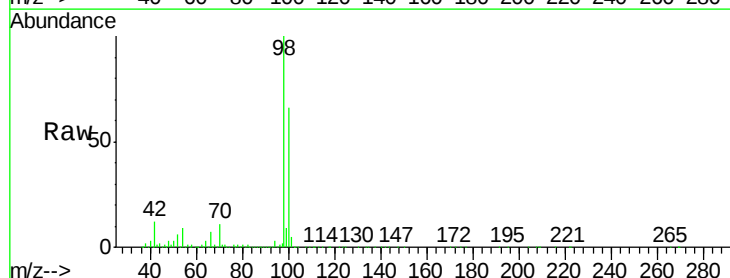
RT: 8.70 min Scan# 1248

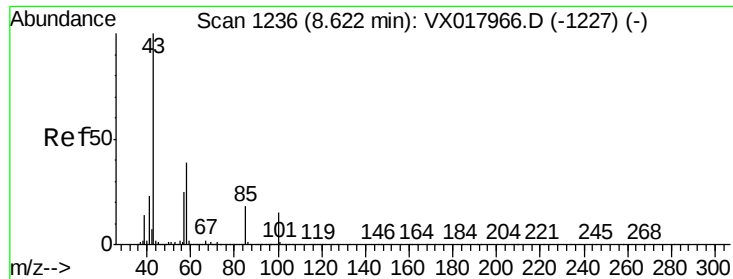
Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	98	Resp:	1141460
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 250.833 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2710526

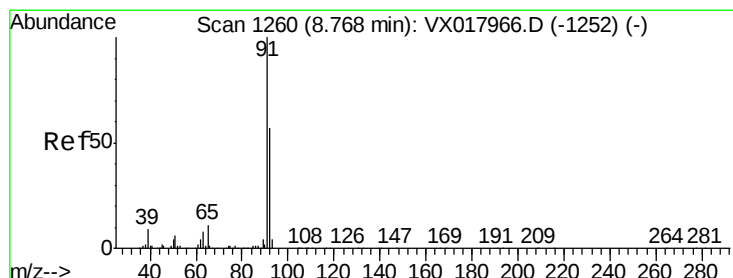
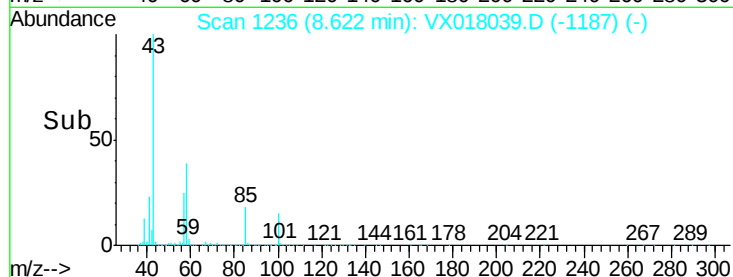
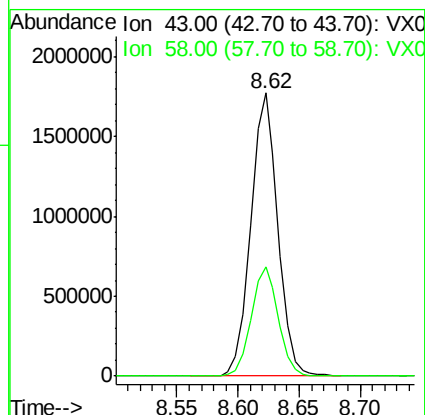
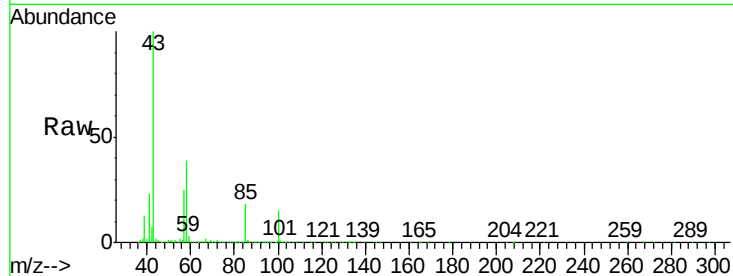
Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.4

Manual Integrations
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#52

Toluene

Concen: 55.147 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018039.D

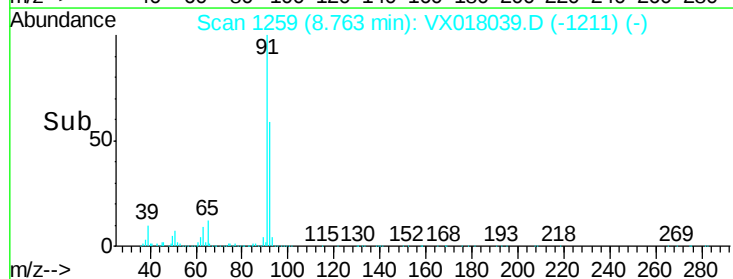
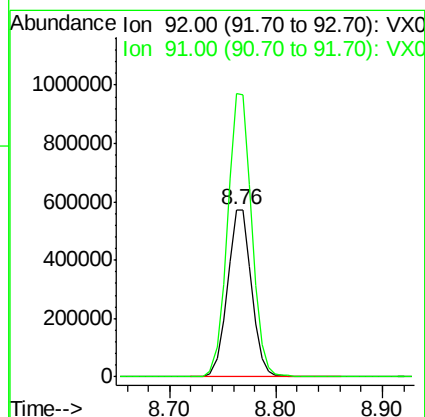
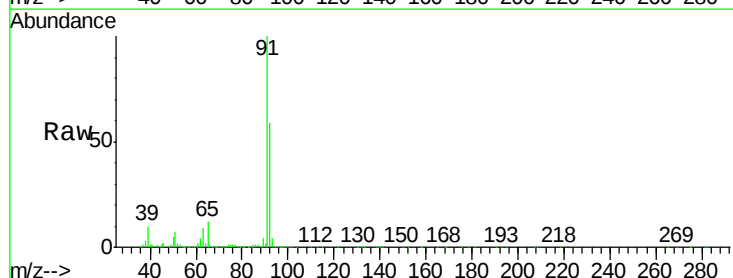
Acq: 20 Aug 2020 17:19

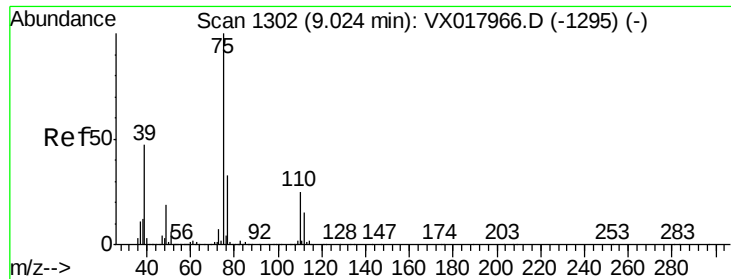
Tgt Ion: 92 Resp: 902999

Ion Ratio Lower Upper

92 100

91 170.6 138.4 207.6





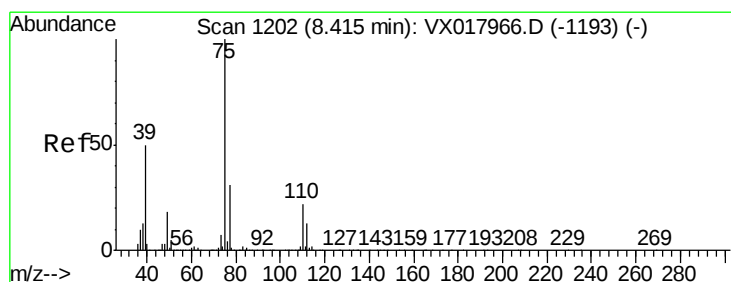
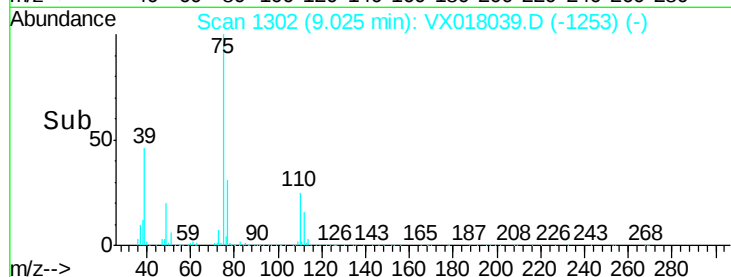
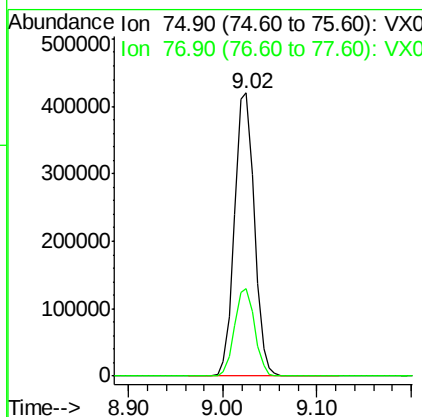
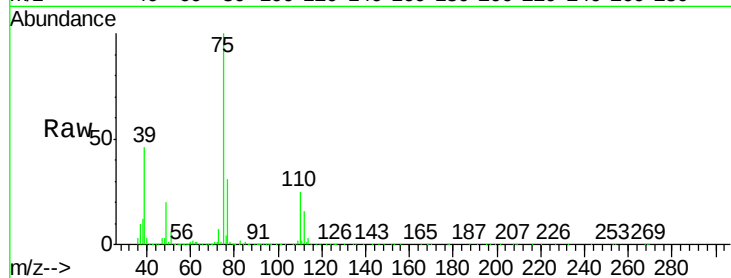
#53
t-1,3-Dichloropropene
Concen: 53.492 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 614681
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1

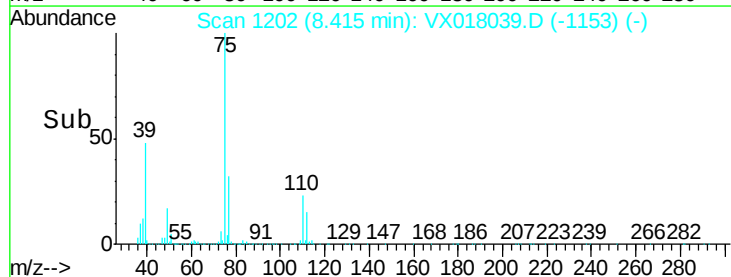
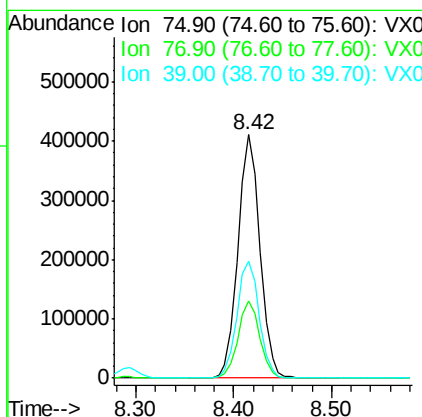
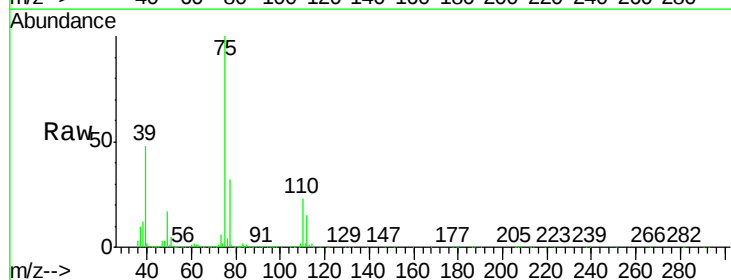
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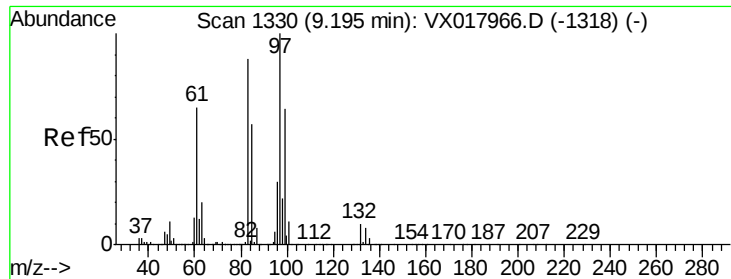
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#54
cis-1,3-Dichloropropene
Concen: 53.332 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 75 Resp: 638988
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 47.9 39.7 59.5





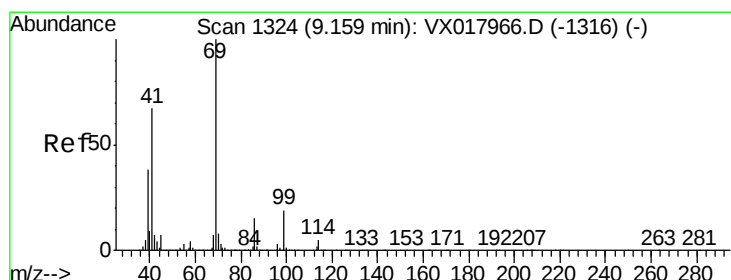
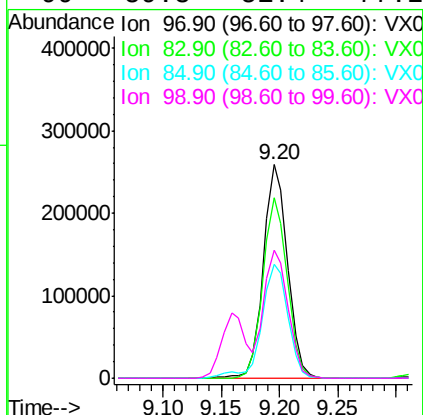
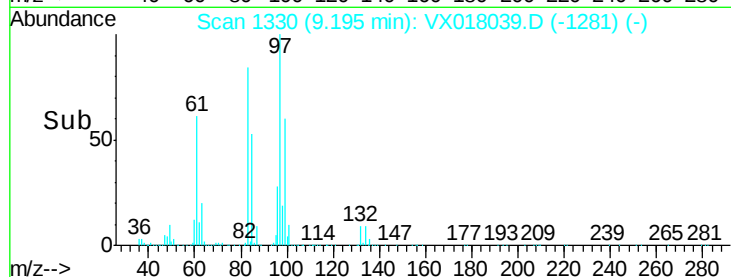
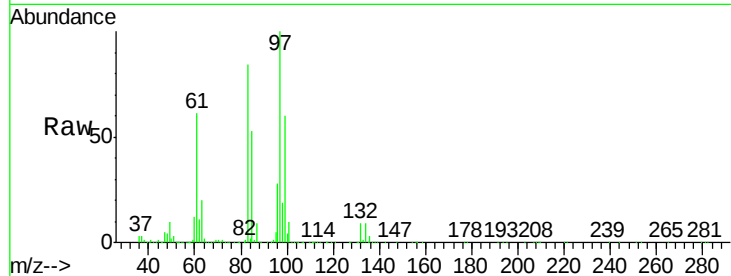
#55
 1,1,2-Trichloroethane
 Concen: 49.478 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		372193		
83	84.4	70.1	105.1		
85	53.4	45.8	68.8		
99	59.8	51.4	77.2		

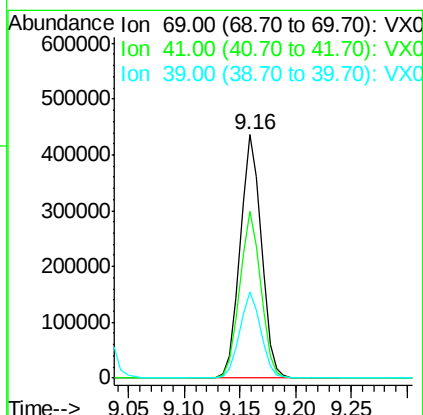
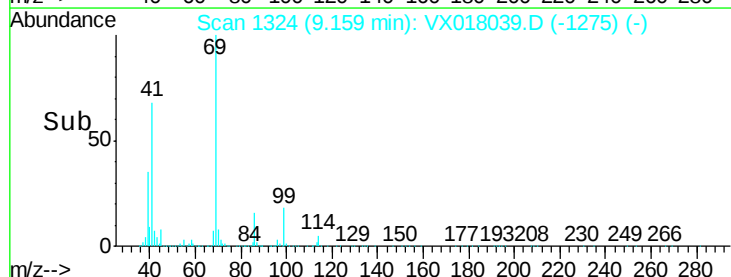
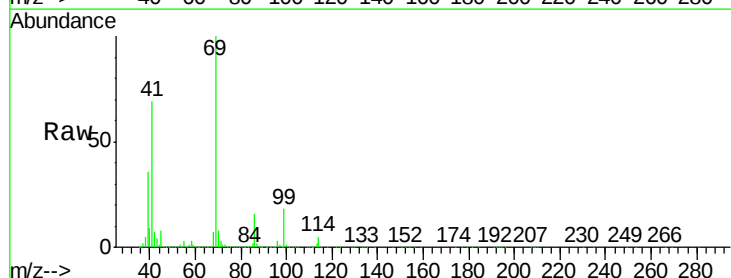
Manual Integrations
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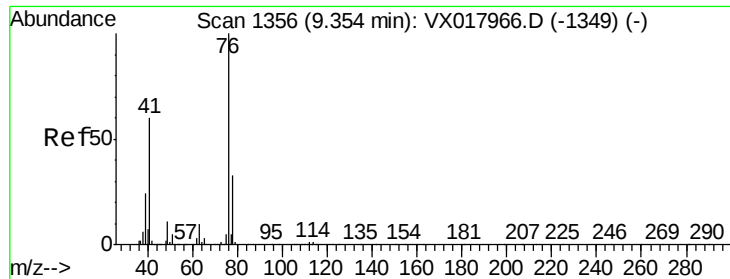
MMDadoda
 8/21/2020 10:50:55 AM



#56
 Ethyl methacrylate
 Concen: 54.397 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		578551		
41	68.1	52.3	78.5		
39	35.5	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 51.620 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 616703

Ion Ratio Lower Upper

76 100

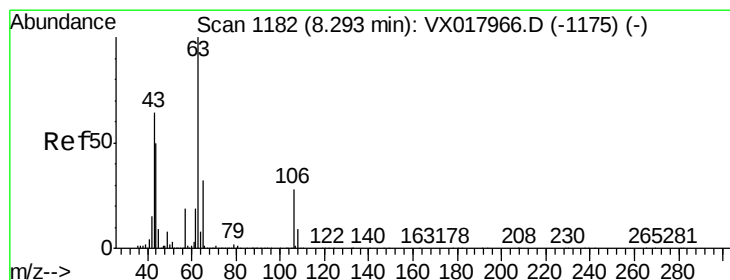
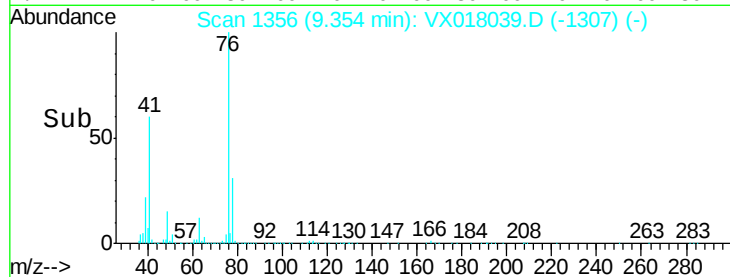
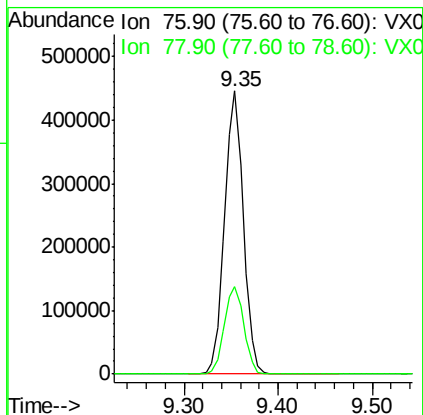
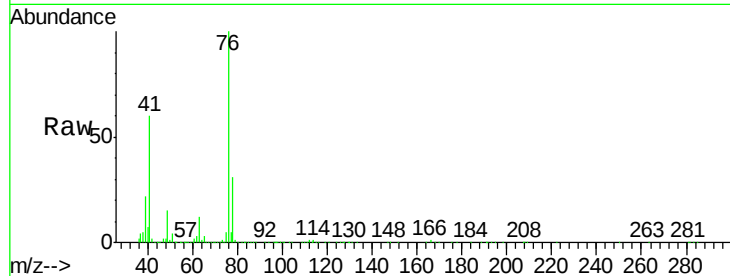
78 32.4 26.4 39.6

Manual Integrations

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8/21/2020 10:50:55 AM



#58

2-Chloroethyl Vinyl ether

Concen: 265.342 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018039.D

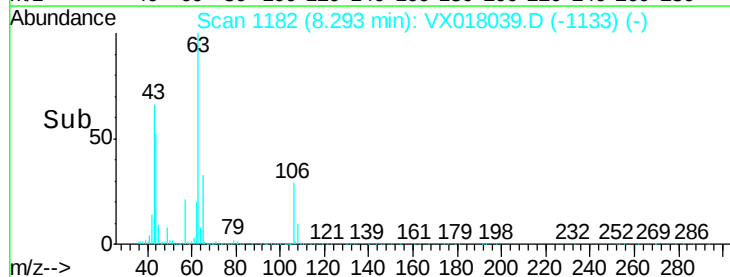
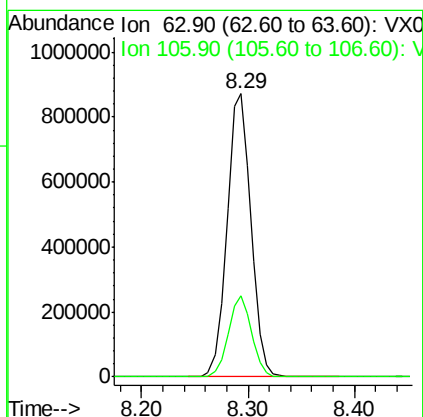
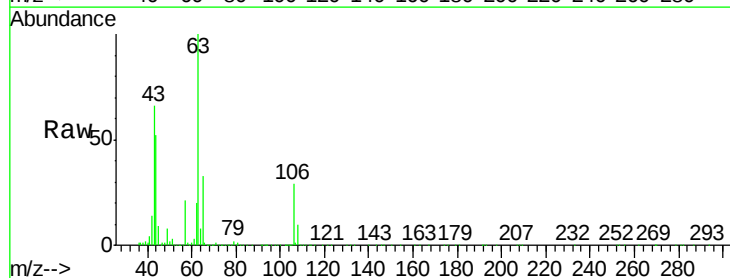
Acq: 20 Aug 2020 17:19

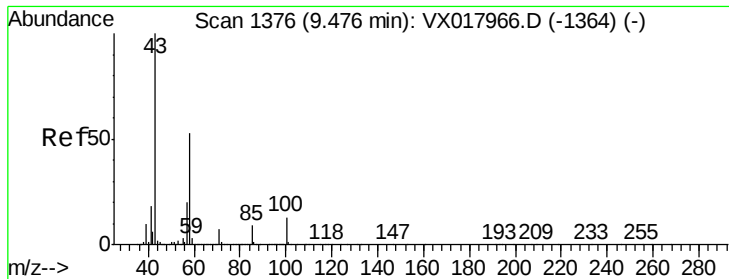
Tgt Ion: 63 Resp: 1366619

Ion Ratio Lower Upper

63 100

106 27.9 23.0 34.4





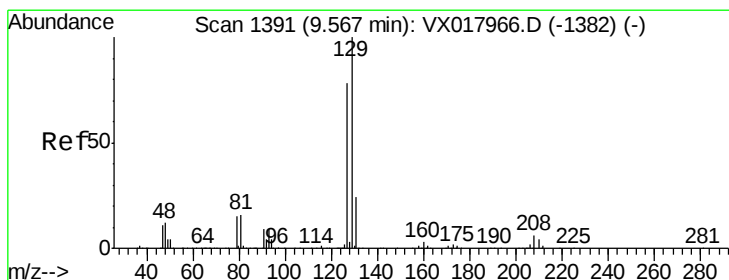
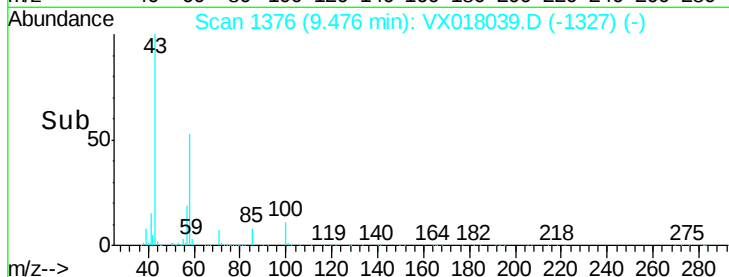
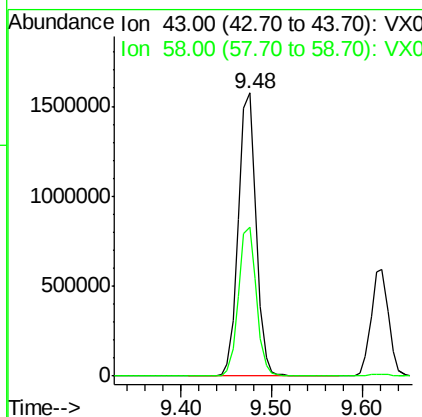
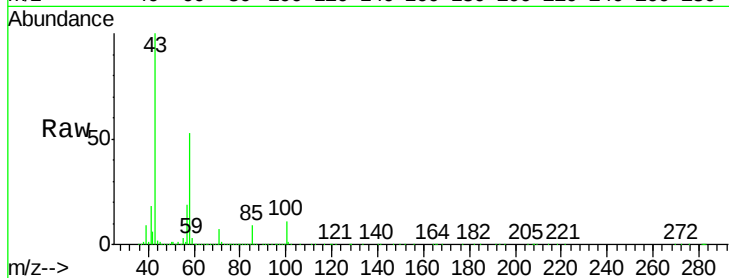
#59
2-Hexanone
Concen: 261.249 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2139157
Ion Ratio Lower Upper
43 100
58 52.9 26.4 79.0

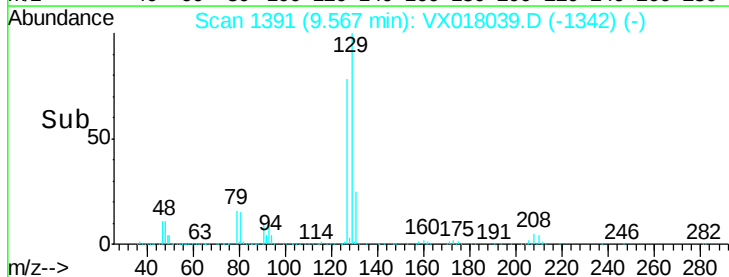
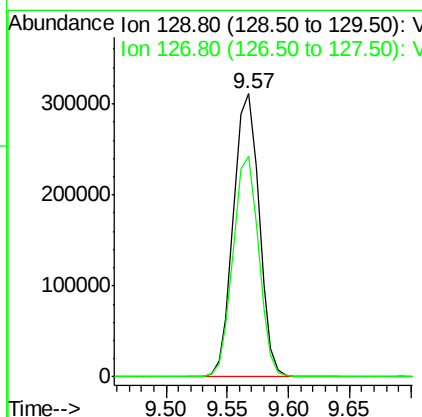
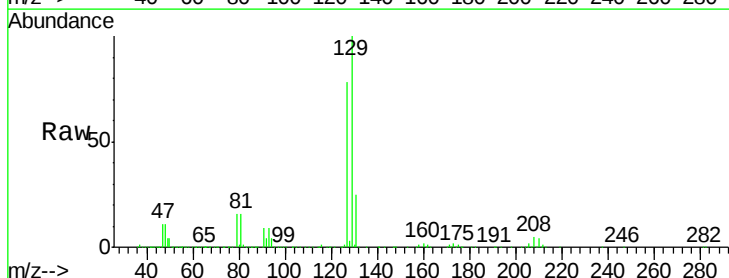
Manual Integrations
APPROVED

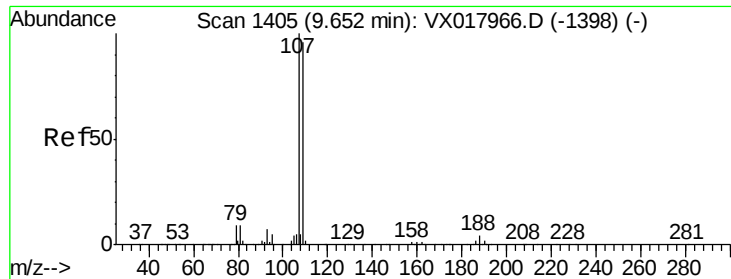
MMDadoda
8/21/2020 10:50:55 AM



#60
Dibromochloromethane
Concen: 48.196 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 129 Resp: 452797
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.3





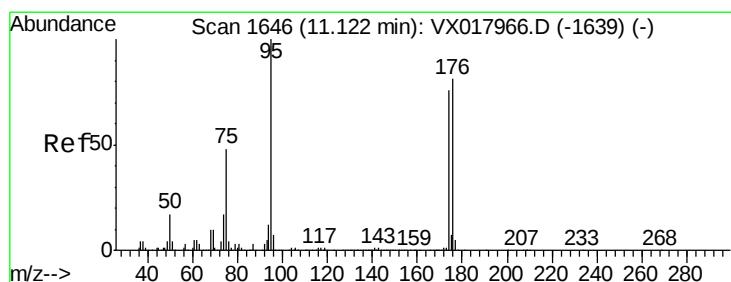
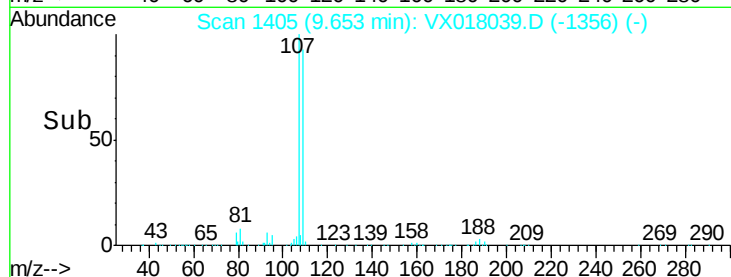
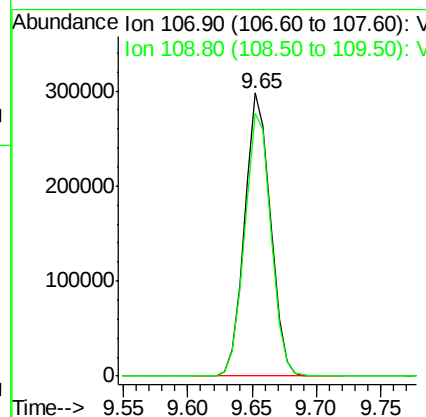
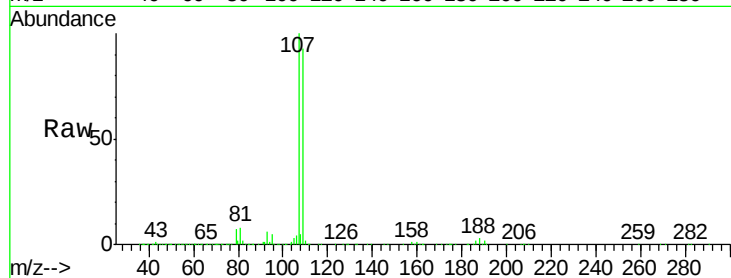
#61
 1,2-Dibromoethane
 Concen: 49.429 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.5	113.3

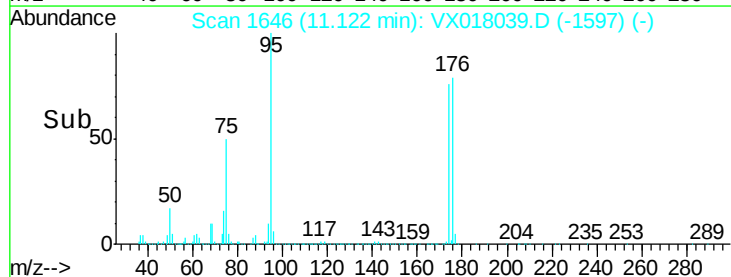
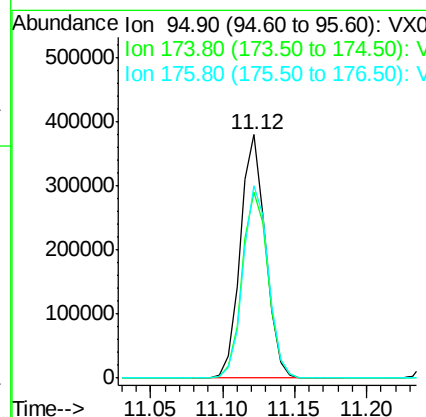
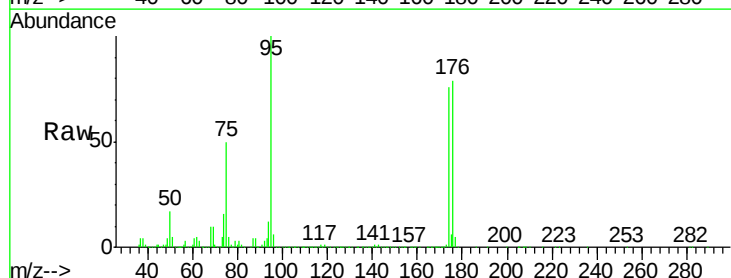
Manual Integrations
 APPROVED

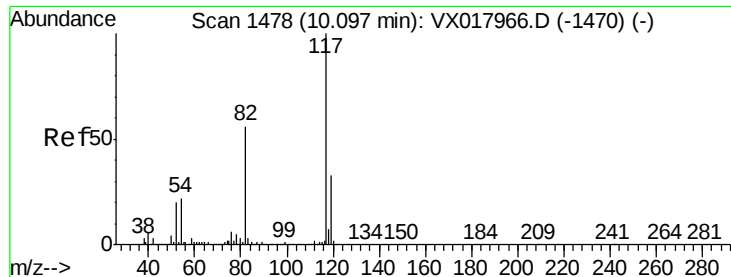
MMDadoda
 8/21/2020 10:50:55 AM



#62
 4-Bromofluorobenzene
 Concen: 47.952 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	166.0
176	79.4	0.0	161.0





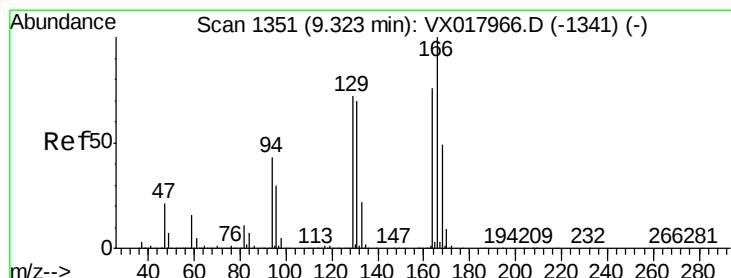
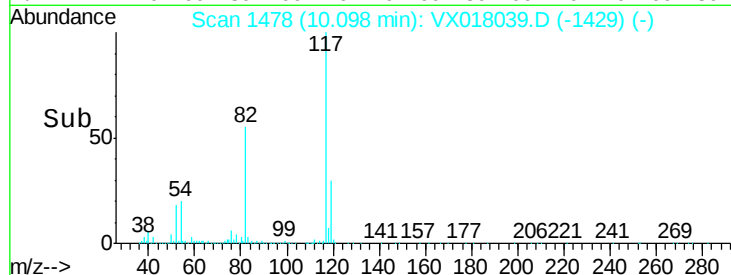
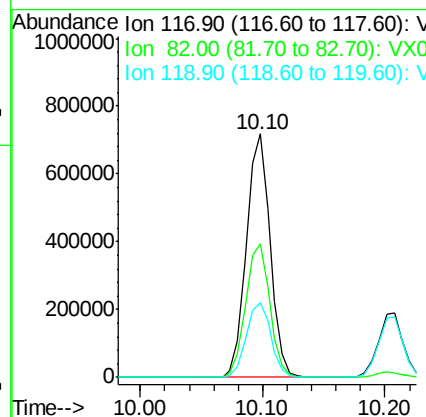
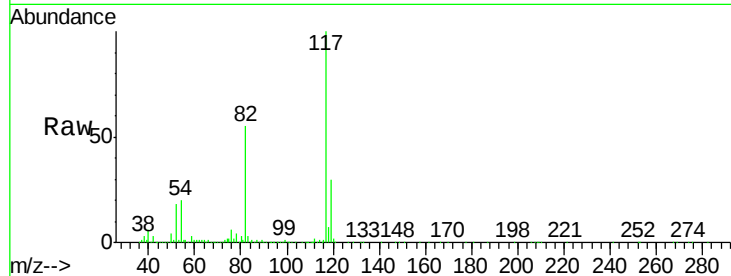
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	961976		
82	54.6		44.6	66.8
119	30.5		26.2	39.4

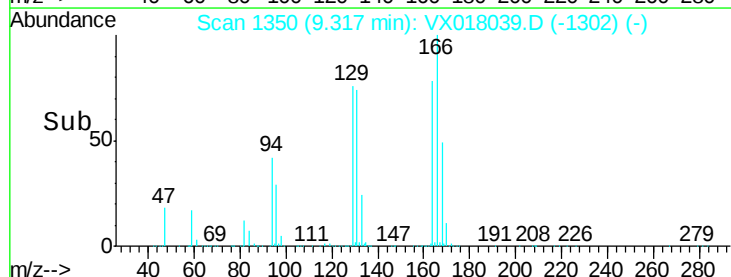
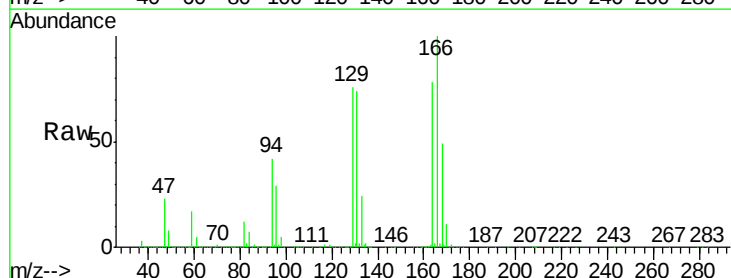
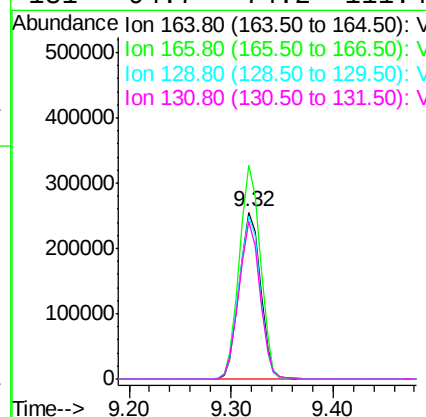
Manual Integrations
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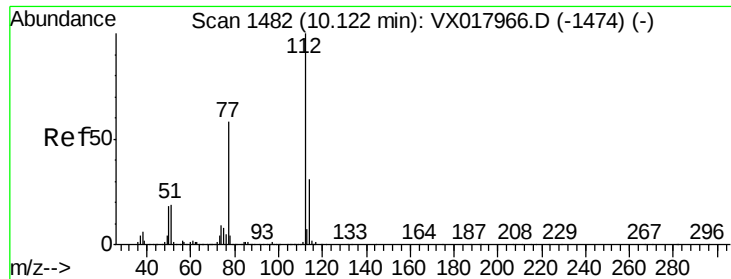
MMDadoda
8/21/2020 10:50:55 AM



#64
Tetrachloroethene
Concen: 49.785 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	365745		
166	128.0		105.7	158.5
129	97.7		75.8	113.8
131	94.7		74.2	111.4





#65

Chlorobenzene

Concen: 53.369 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1019078

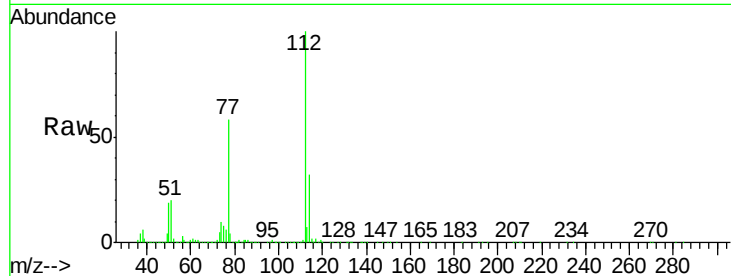
Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6

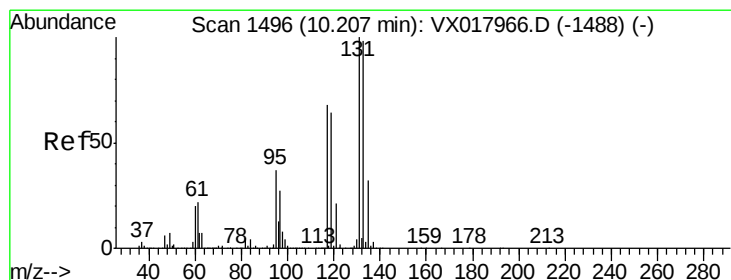
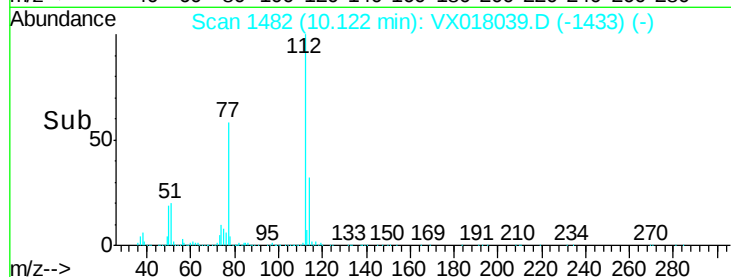
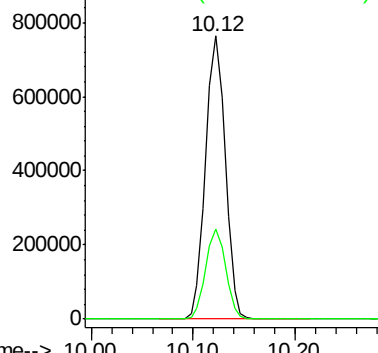
Manual Integrations
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8/21/2020 10:50:55 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.909 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

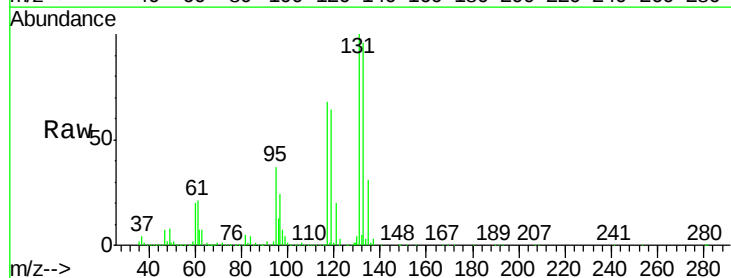
Tgt Ion:131 Resp: 403138

Ion Ratio Lower Upper

131 100

133 93.9 48.4 145.3

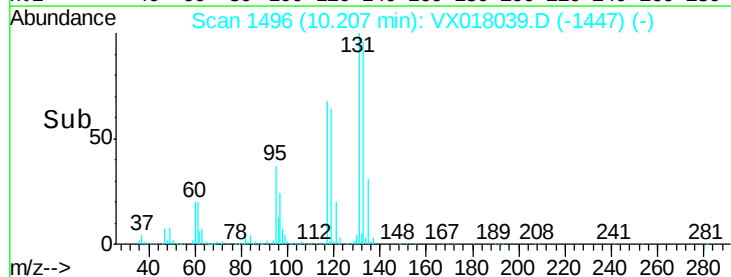
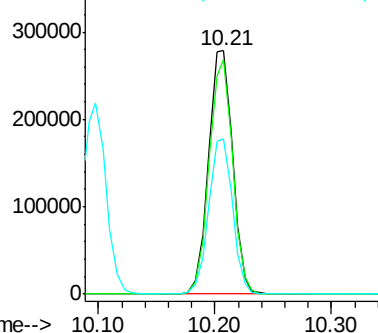
119 62.9 31.6 94.8

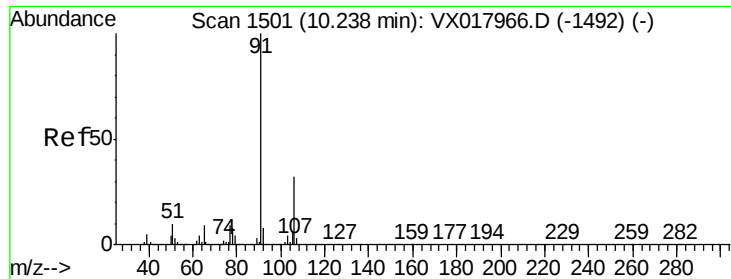


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





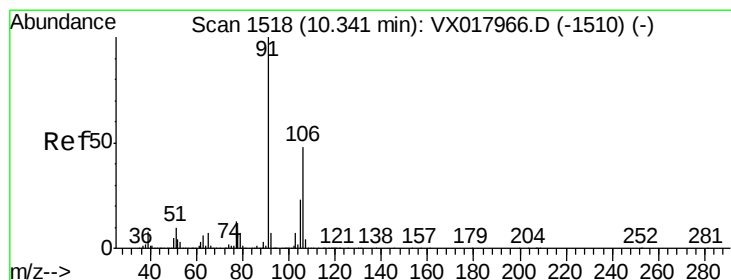
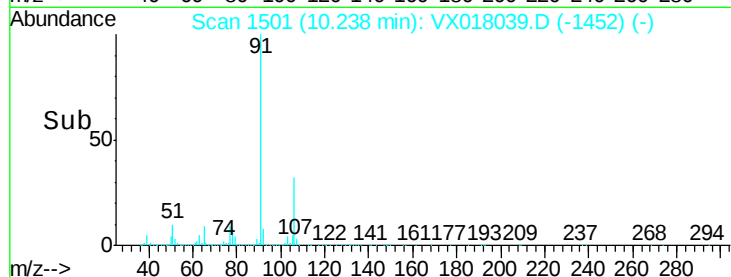
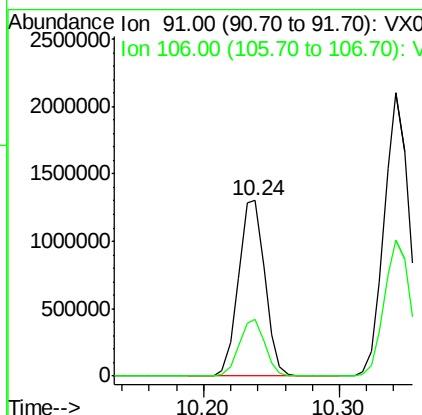
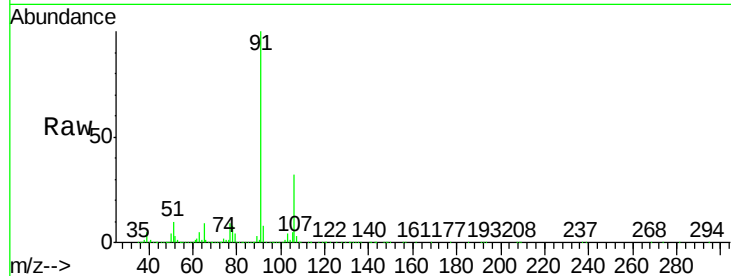
#67
Ethyl Benzene
Concen: 56.138 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1767160
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0

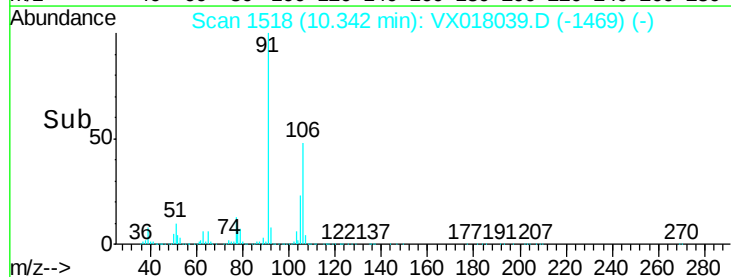
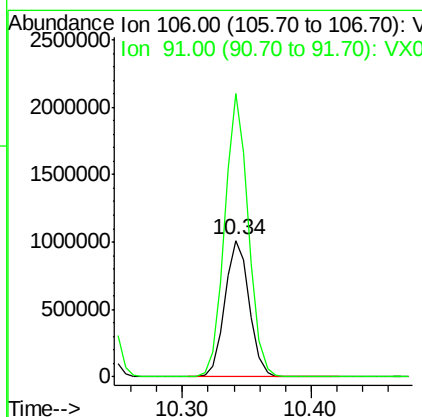
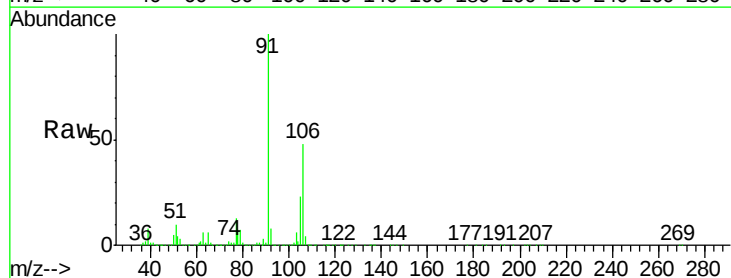
Manual Integrations
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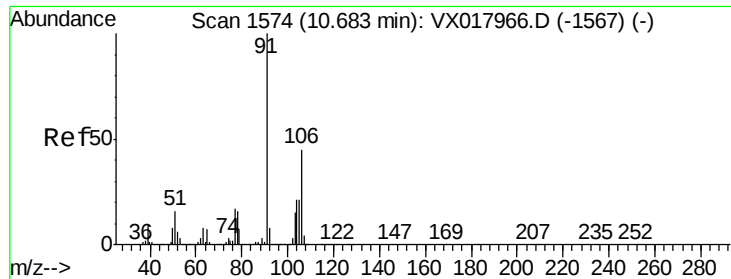
MMDadoda
8/21/2020 10:50:55 AM



#68
m/p-Xylenes
Concen: 111.109 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion: 106 Resp: 1346520
Ion Ratio Lower Upper
106 100
91 201.8 167.4 251.2





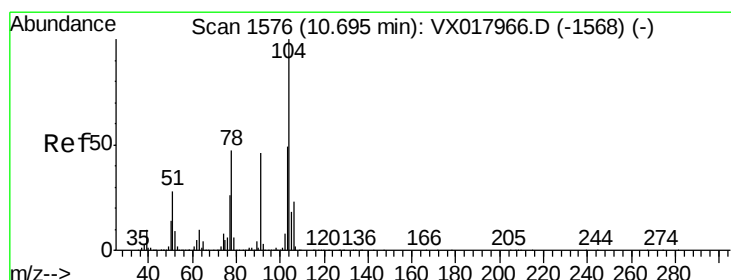
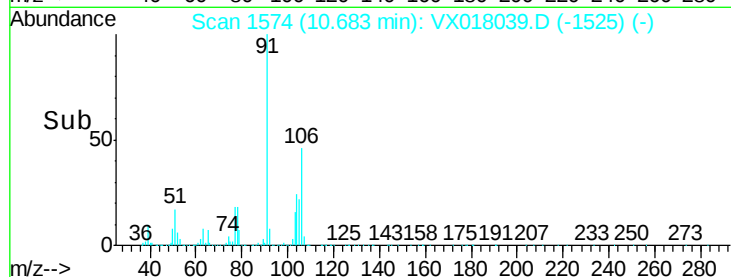
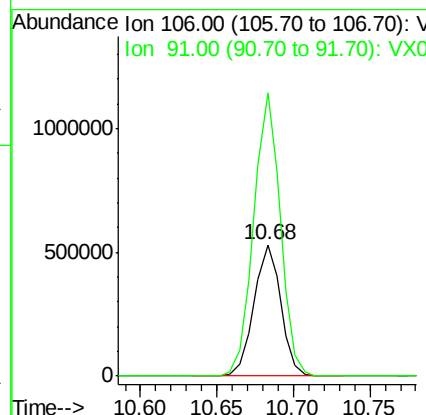
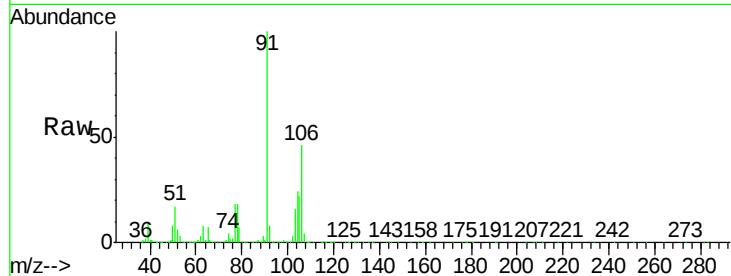
#69
o-Xylene
Concen: 55.270 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.5	108.1	324.2

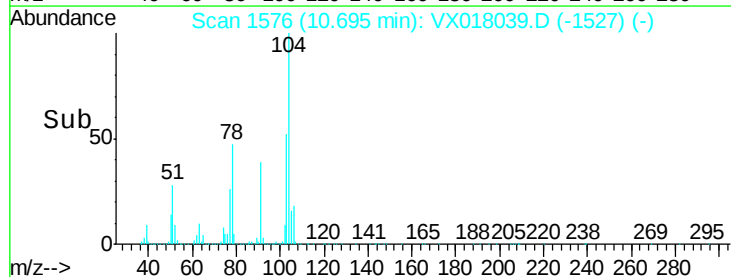
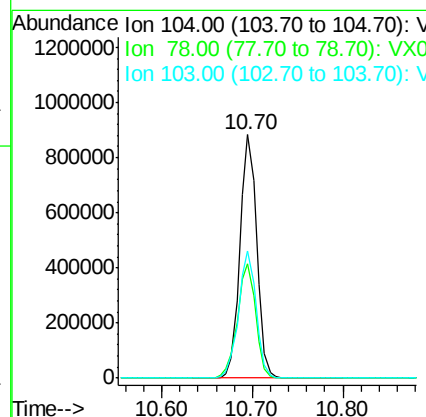
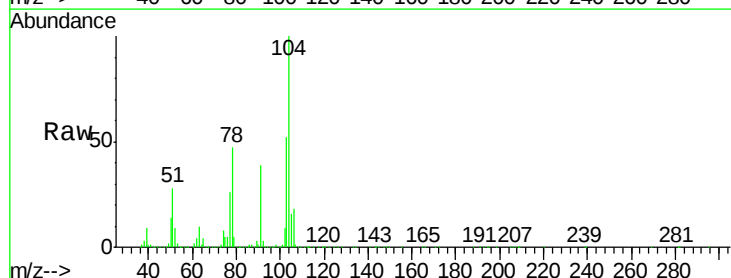
Manual Integrations
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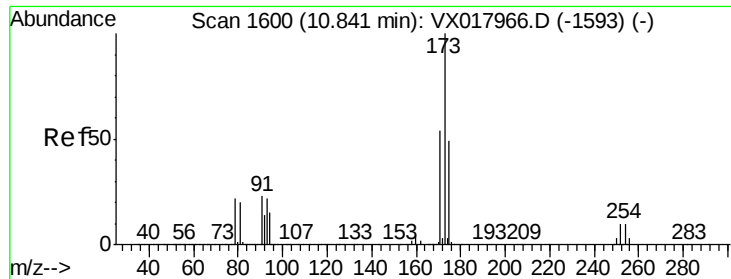
MMDadoda
8/21/2020 10:50:55 AM



#70
Styrene
Concen: 56.347 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.3	61.9
103	54.9	42.9	64.3





#71

Bromoform

Concen: 49.047 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

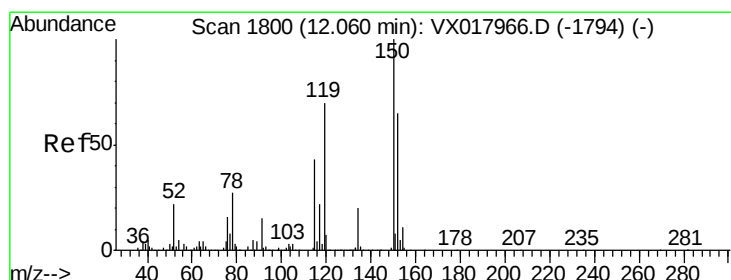
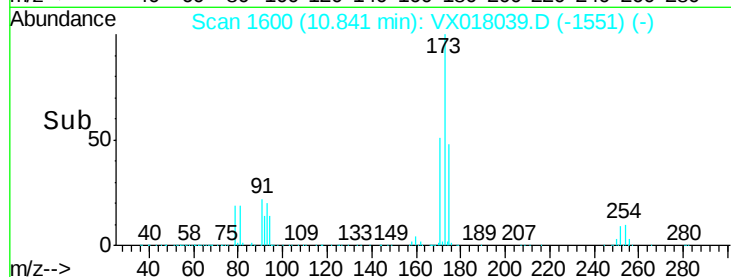
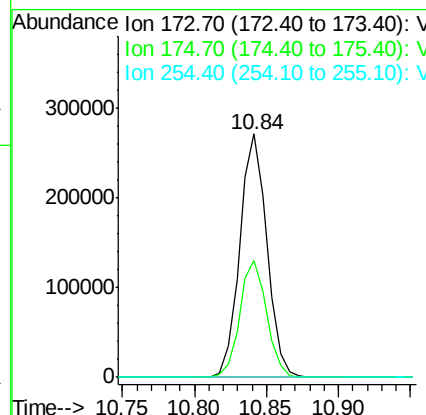
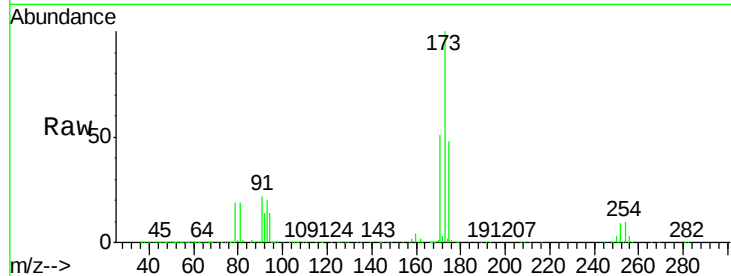
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	355585
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.4	73.2
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

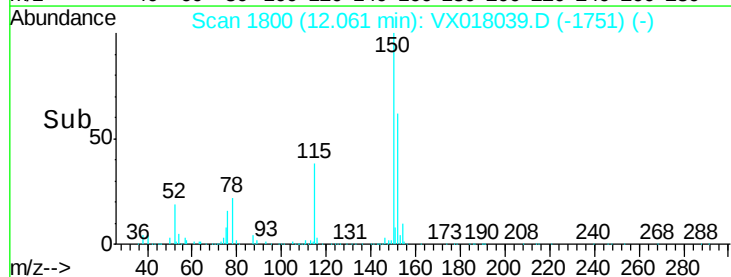
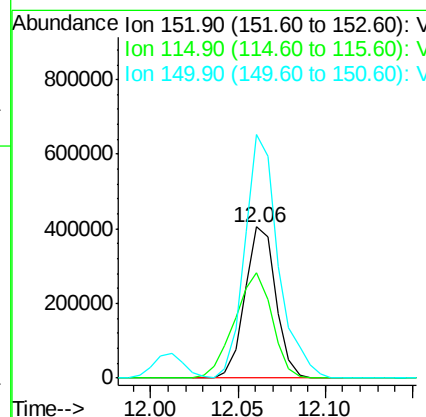
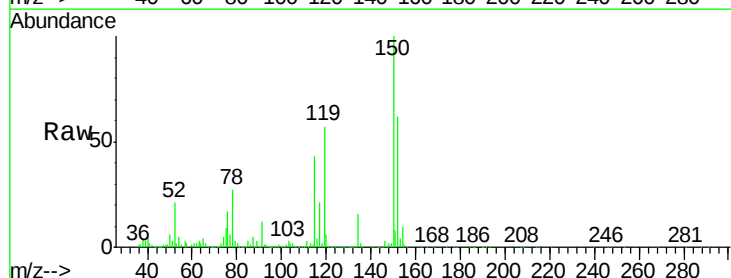
RT: 12.06 min Scan# 1800

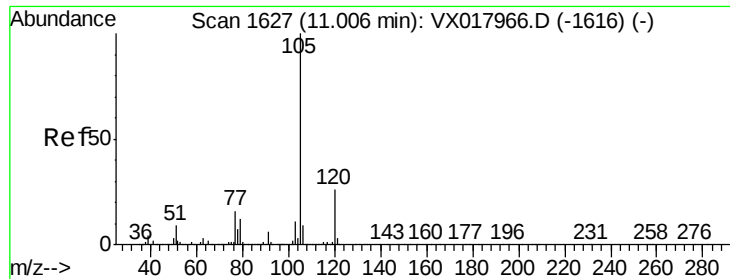
Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	152	Resp:	495667
Ion Ratio	Lower	Upper	
152	100		
115	84.2	40.6	121.7
150	174.1	0.0	346.4





#73

Isopropylbenzene

Concen: 54.975 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1753912

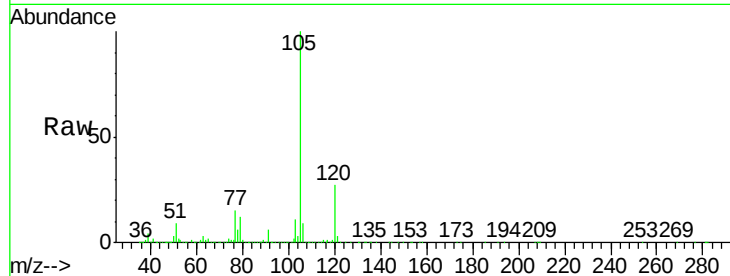
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4

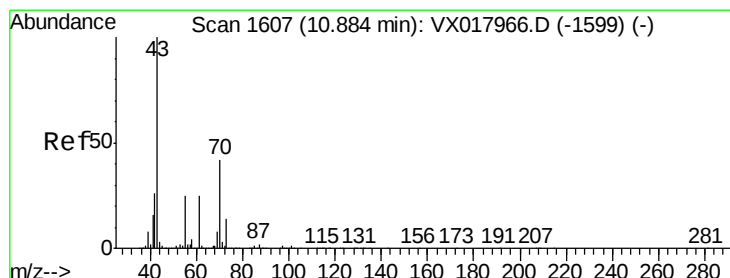
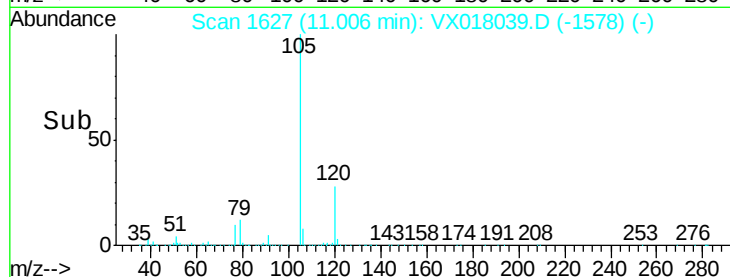
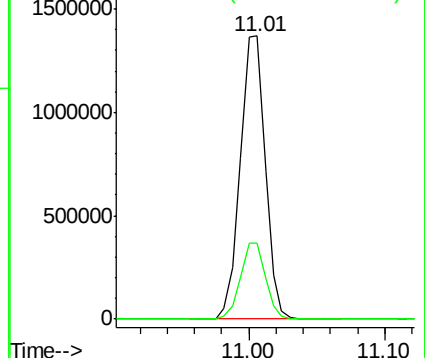
Manual Integrations
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8/21/2020 10:50:55 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.800 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion: 43 Resp: 820221

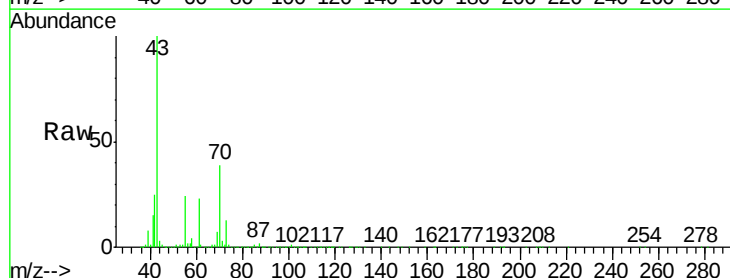
Ion Ratio Lower Upper

43 100

70 41.3 32.9 49.3

55 23.5 19.3 28.9

61 23.9 19.6 29.4

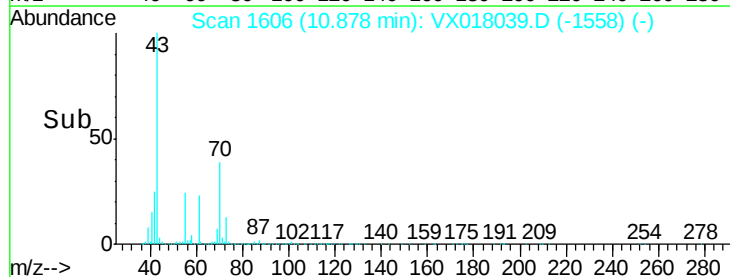
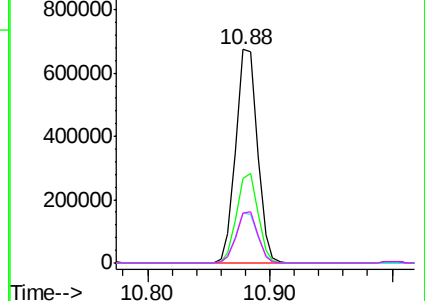


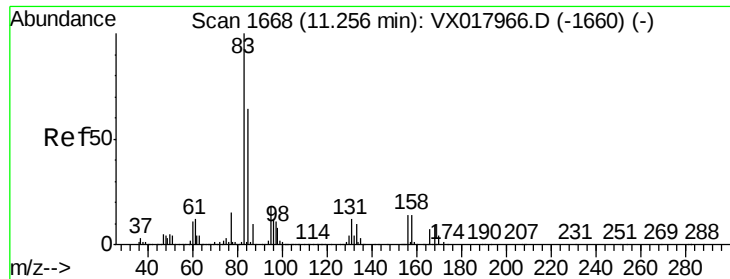
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.655 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

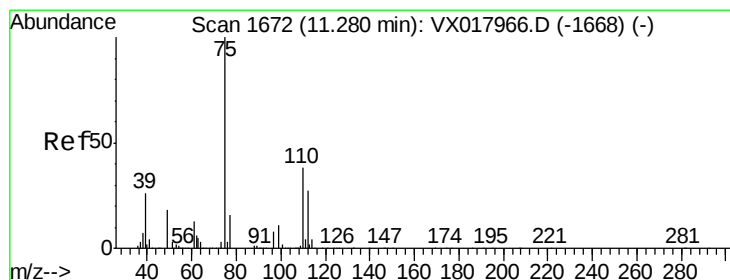
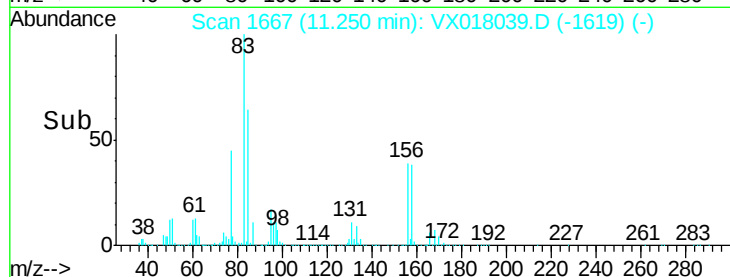
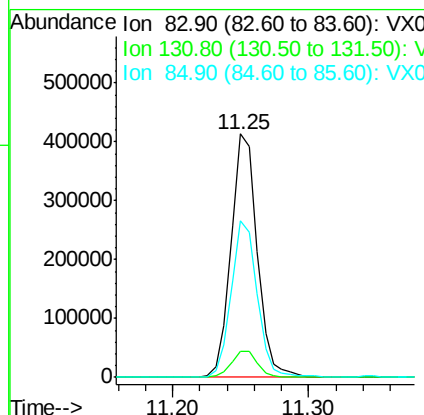
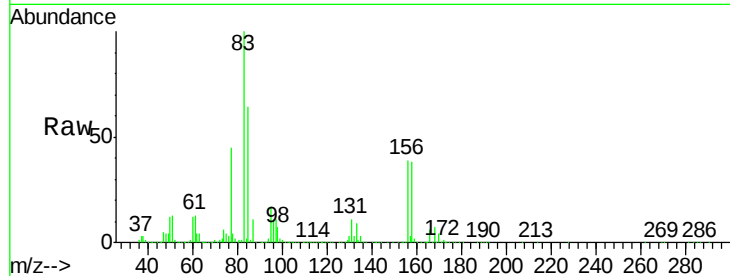
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	552636
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	64.3	32.2	96.6

Manual Integrations
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MMDadoda
8/21/2020 10:50:55 AM



#76

1,2,3-Trichloropropane

Concen: 50.937 ug/l m

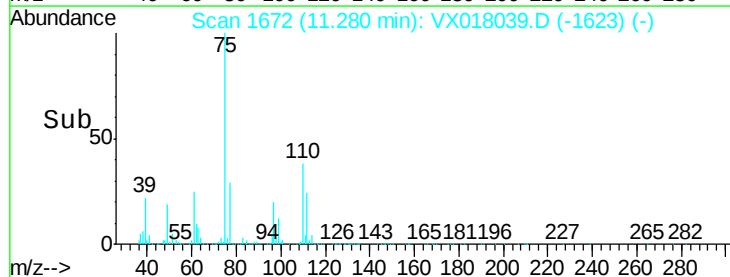
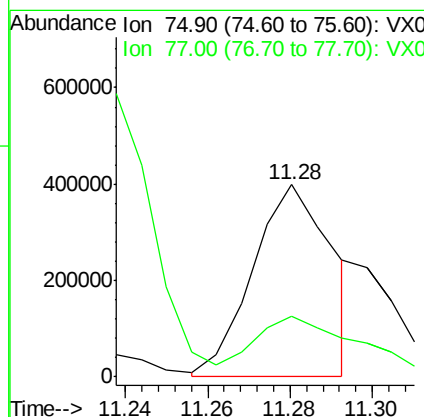
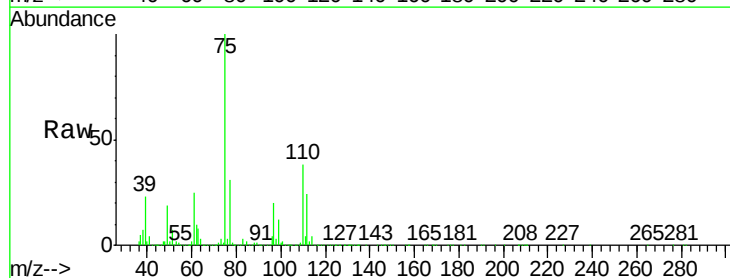
RT: 11.28 min Scan# 1672

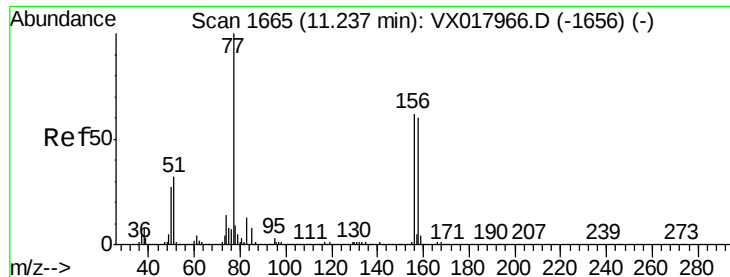
Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	75	Resp:	536929
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.1	63.1





#77

Bromobenzene

Concen: 53.017 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

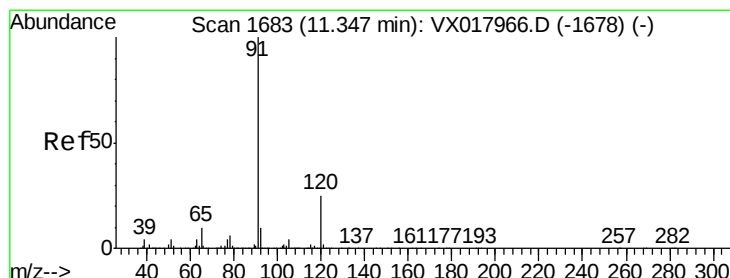
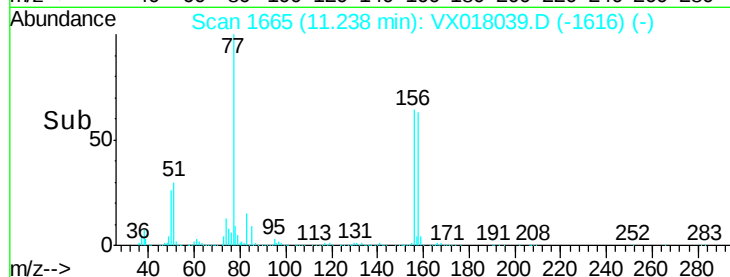
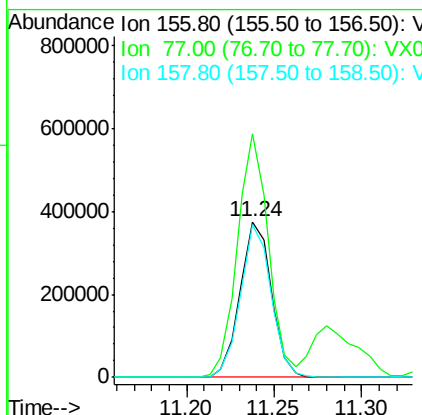
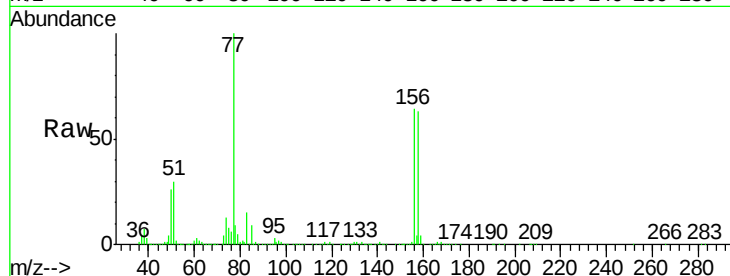
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	469280
Ion Ratio	Lower	Upper	
156	100		
77	154.1	78.0	234.0
158	95.9	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.659 ug/l

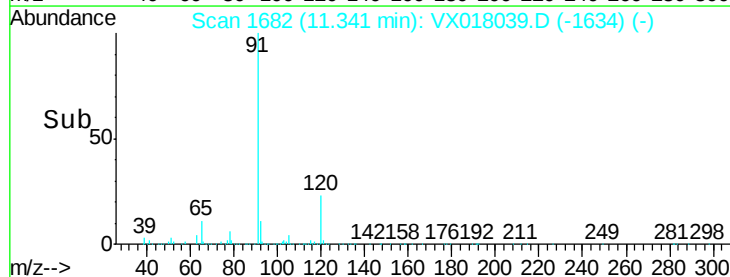
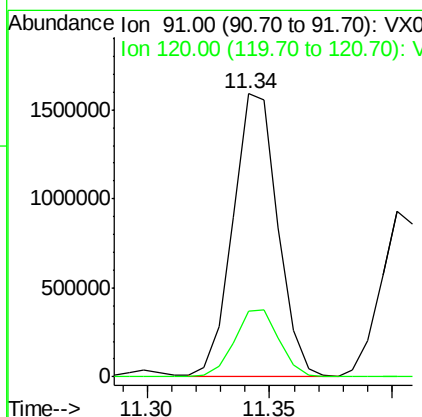
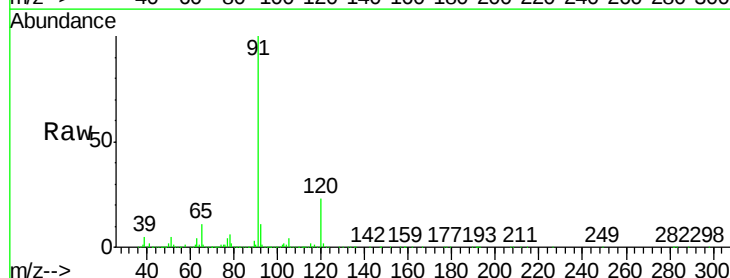
RT: 11.34 min Scan# 1682

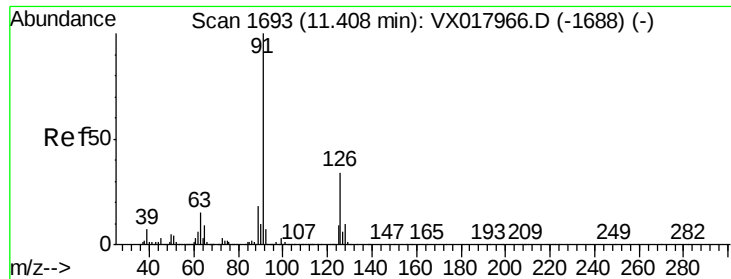
Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	91	Resp:	2002287
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.0	36.1





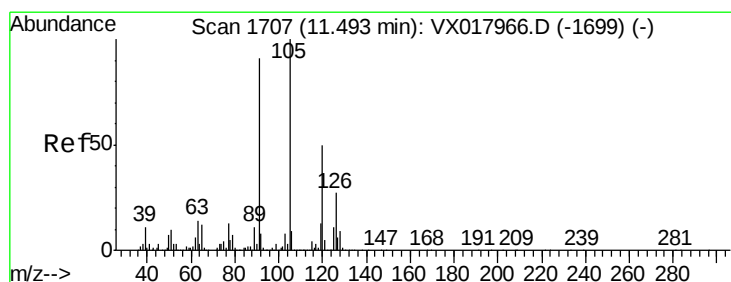
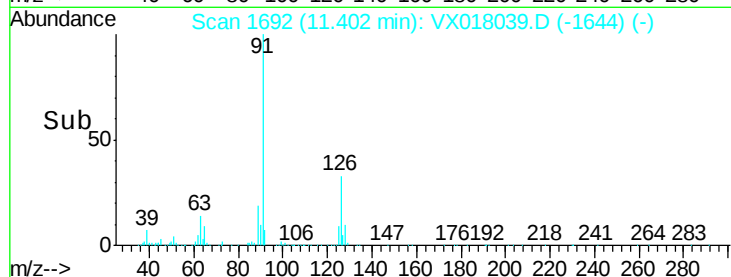
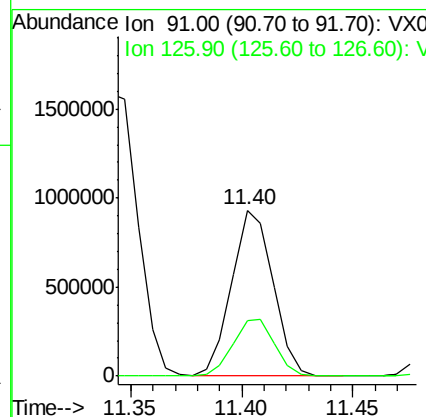
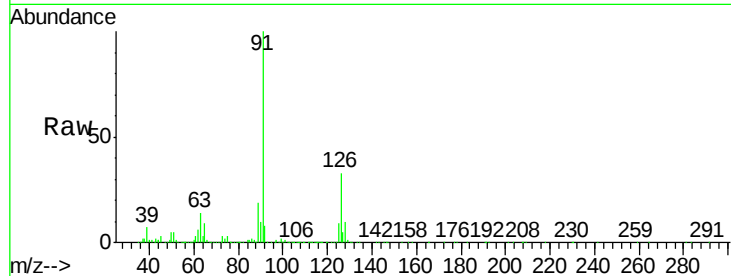
#79
2-Chlorotoluene
Concen: 53.011 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1205496
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

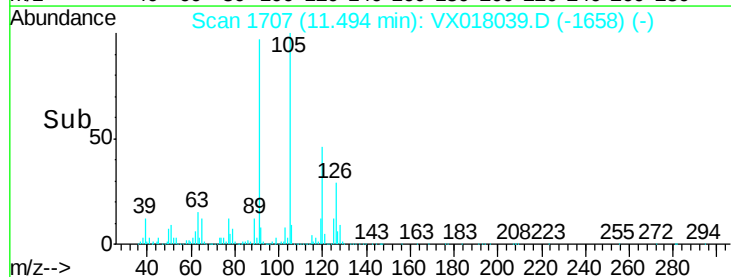
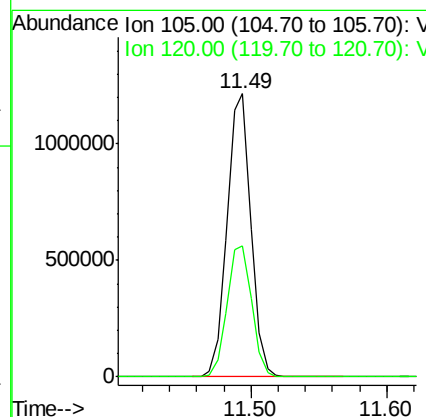
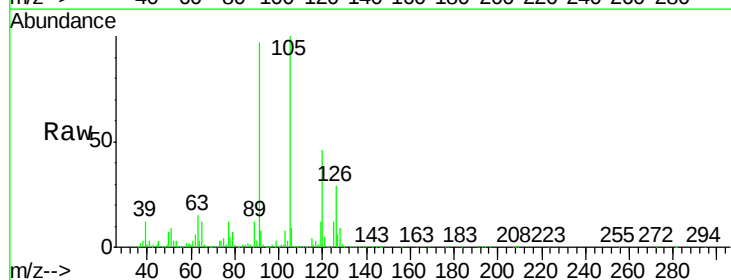
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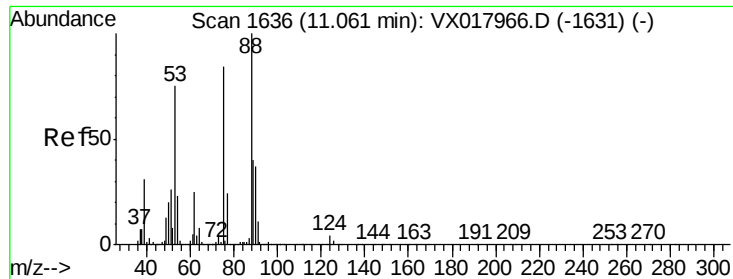
MMDadoda
8/21/2020 10:50:55 AM



#80
1,3,5-Trimethylbenzene
Concen: 52.231 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion:105 Resp: 1462718
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.4





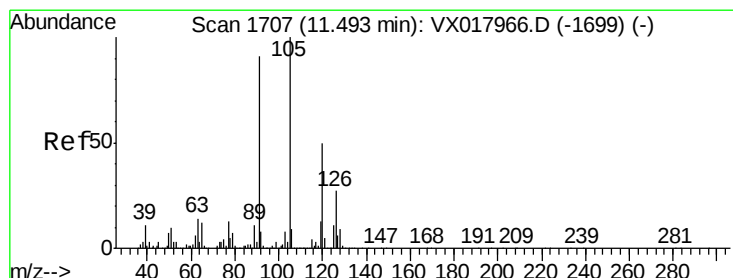
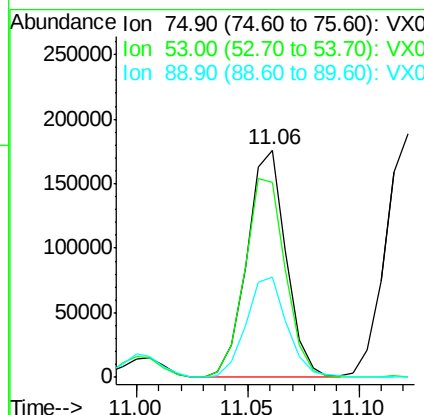
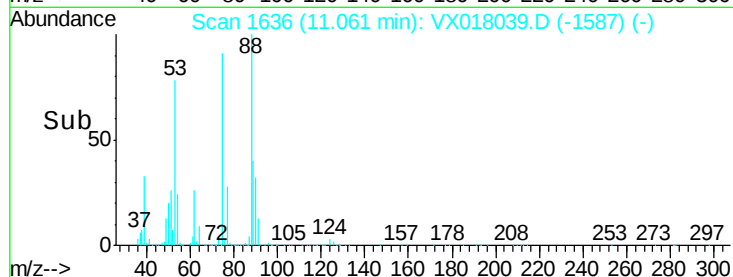
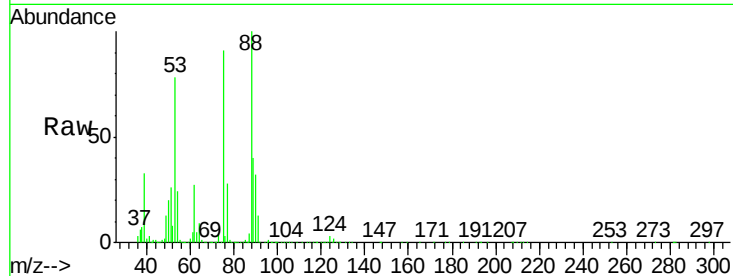
#81
trans-1,4-Dichloro-2-butene
Concen: 53.500 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.3	75.2	112.8
89	46.4	38.4	57.6

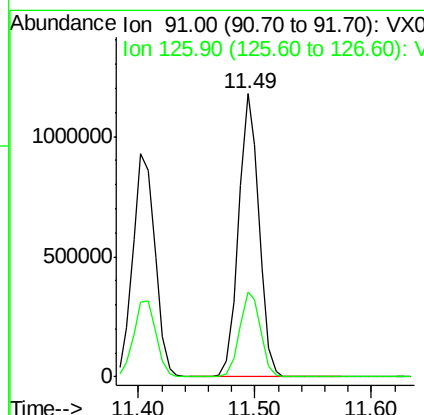
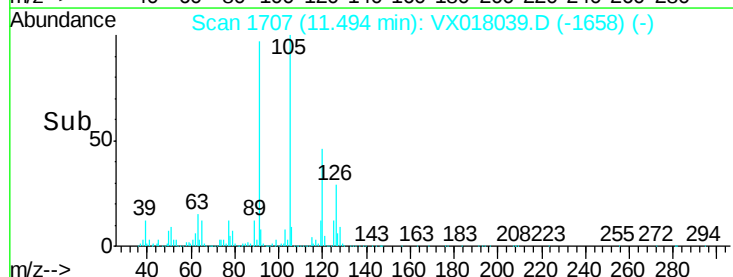
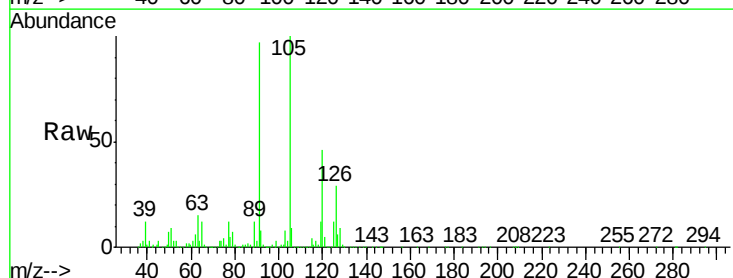
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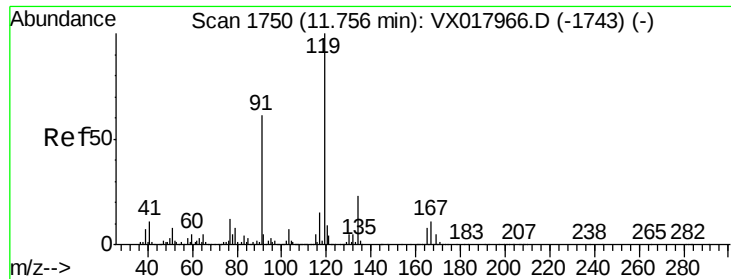
MMDadoda
8/21/2020 10:50:55 AM



#82
4-Chlorotoluene
Concen: 53.684 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.0	45.0





#83

tert-Butylbenzene

Concen: 53.463 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

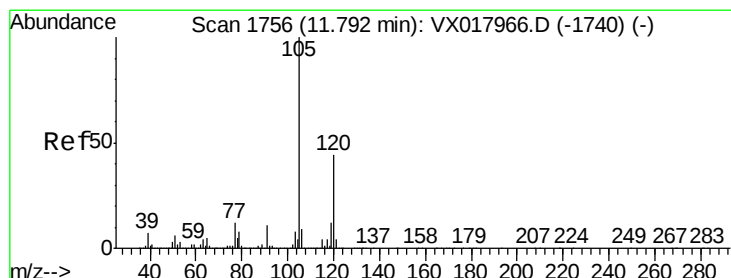
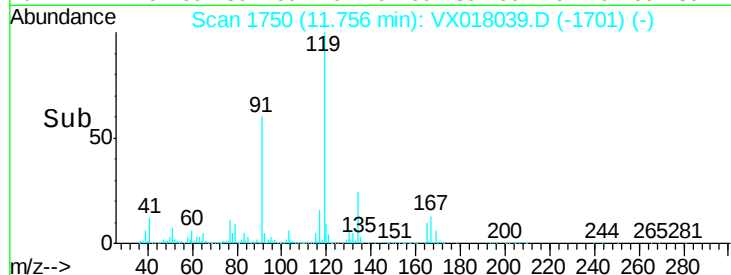
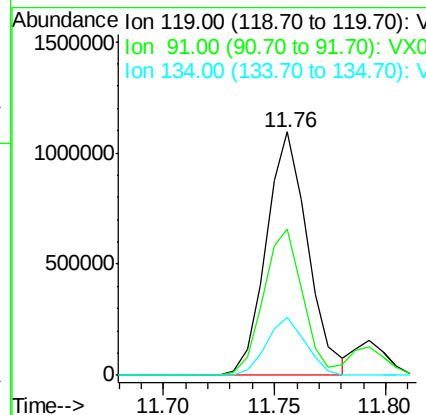
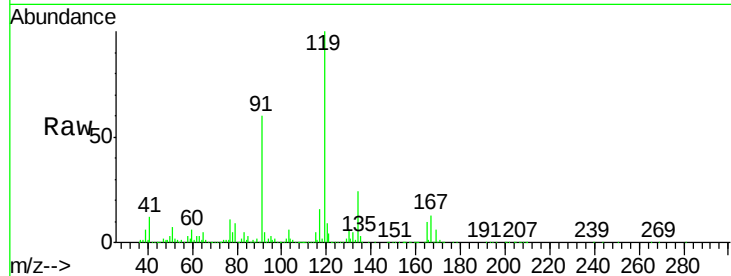
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1413917
Ion	Ratio	Lower	Upper
119	100		
91	56.8	30.1	90.5
134	22.7	11.1	33.1

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#84

1,2,4-Trimethylbenzene

Concen: 51.445 ug/l

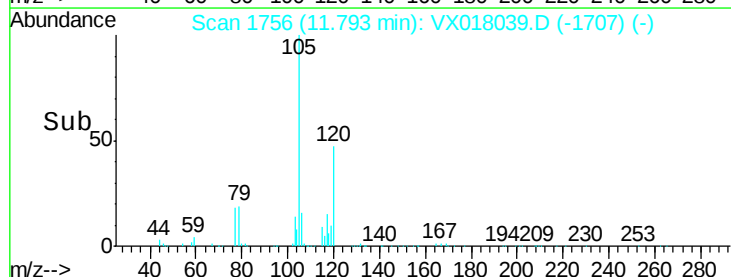
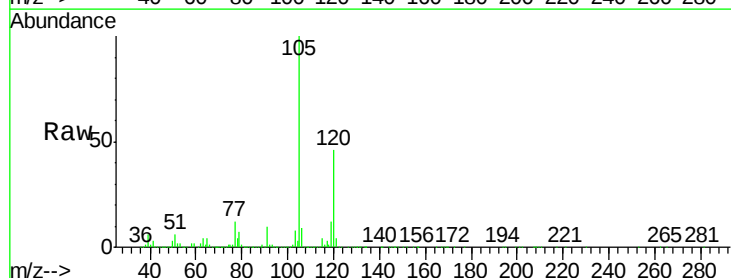
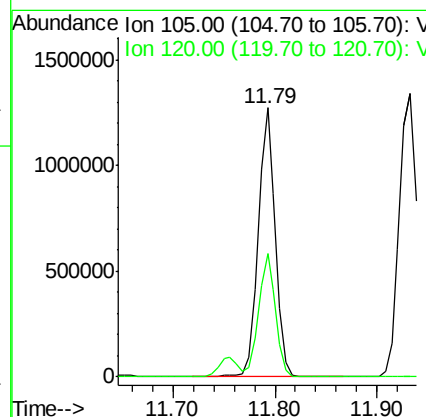
RT: 11.79 min Scan# 1756

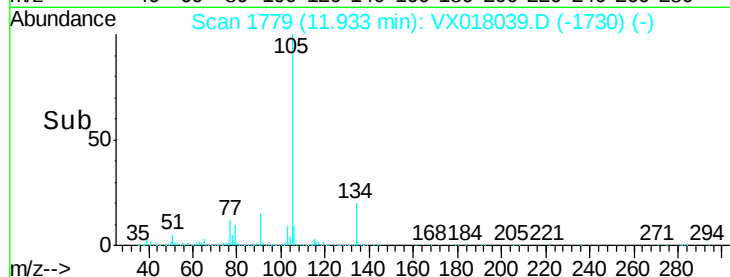
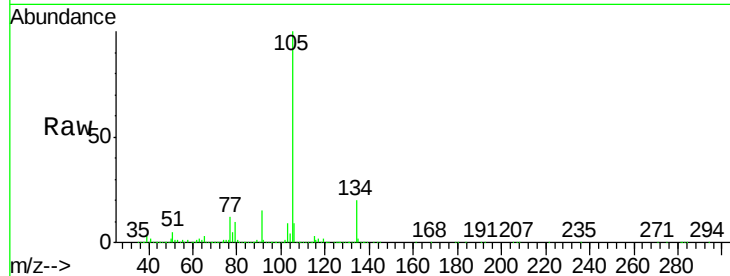
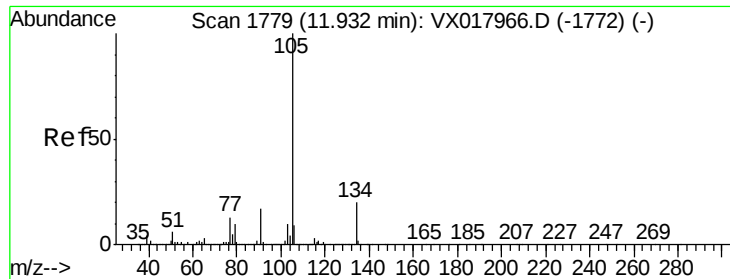
Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Tgt Ion:	105	Resp:	1491494
Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.1	66.1





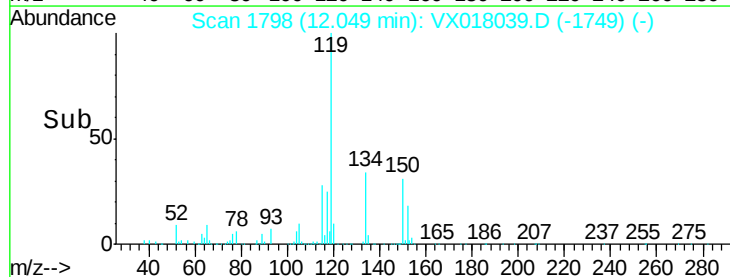
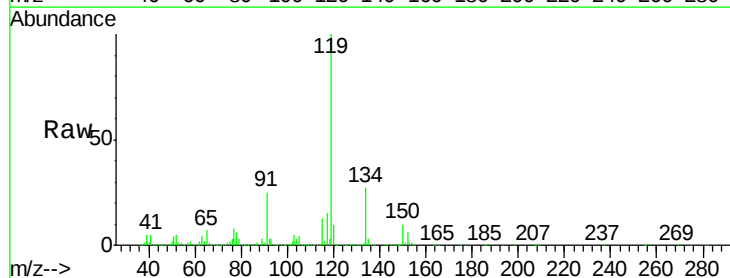
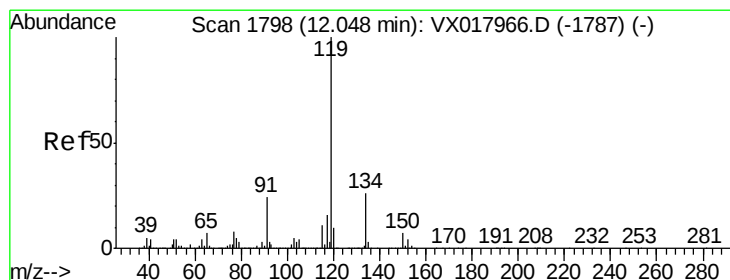
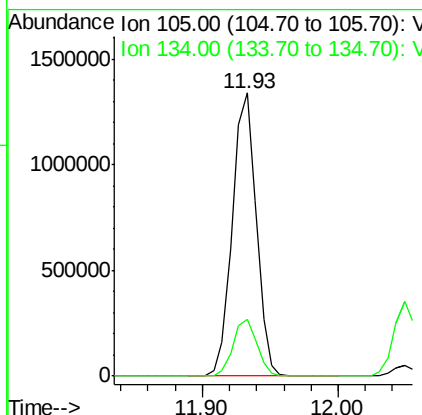
#85
 sec-Butylbenzene
 Concen: 51.451 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tot Ion:105 Resp: 1642585
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.9

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

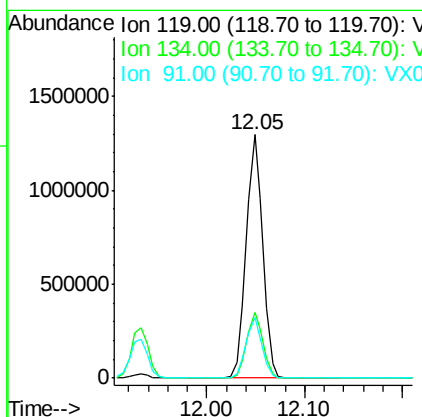
Manual Integrations
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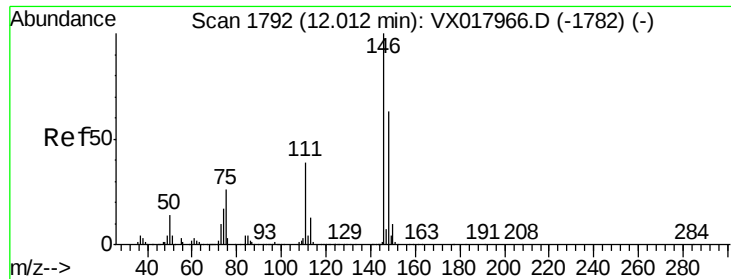
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#86
 p-Isopropyltoluene
 Concen: 51.269 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion:119 Resp: 1522595
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.7 38.0
 91 24.2 12.2 36.4





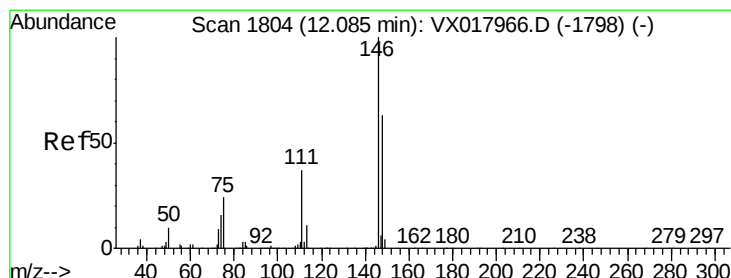
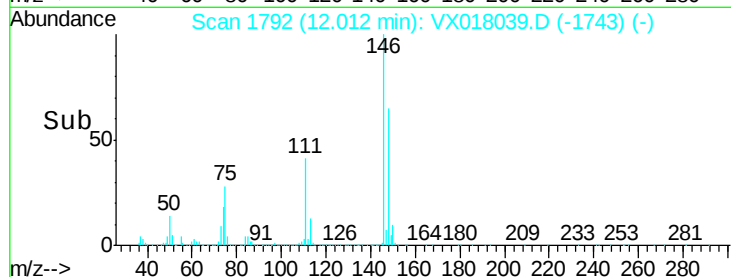
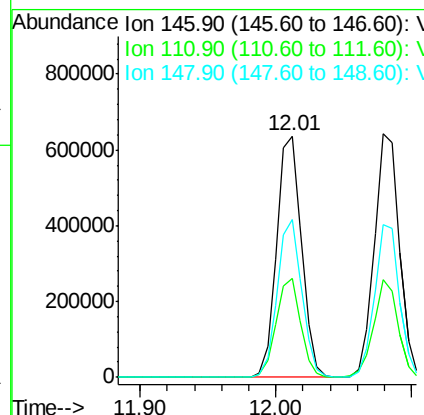
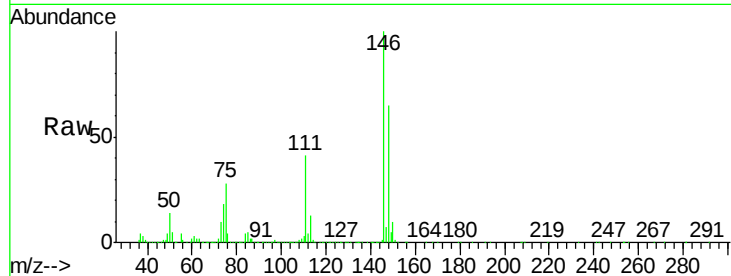
#87
 1,3-Dichlorobenzene
 Concen: 50.627 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.3
148	64.1	31.6	95.0

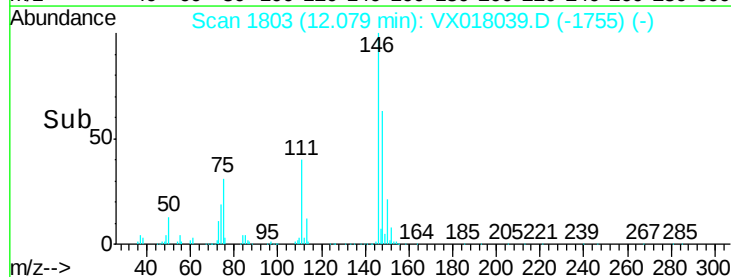
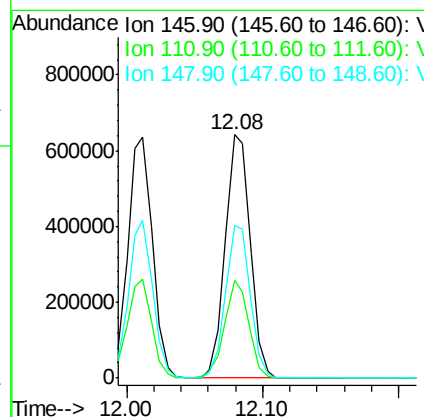
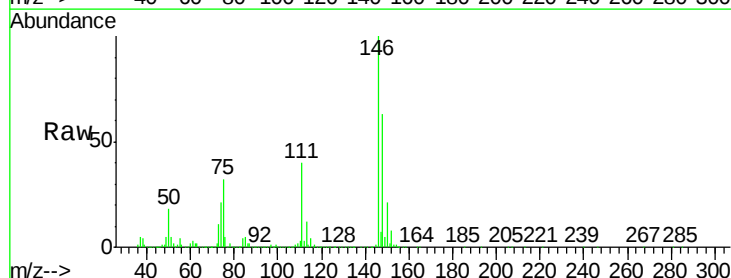
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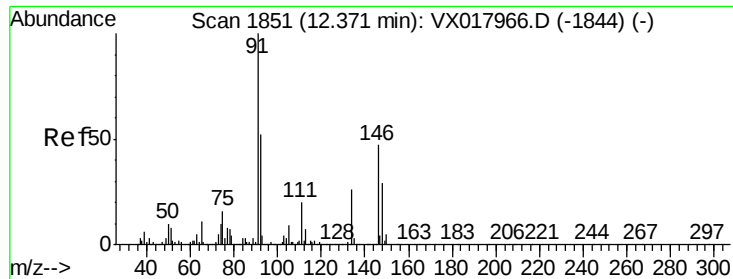
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#88
 1,4-Dichlorobenzene
 Concen: 51.848 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	62.3	31.9	95.7





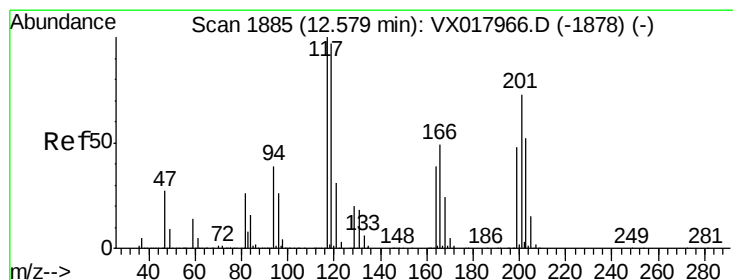
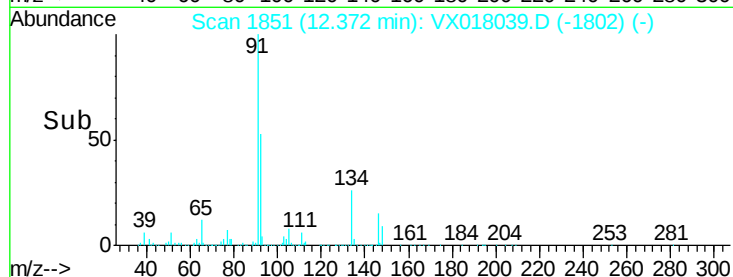
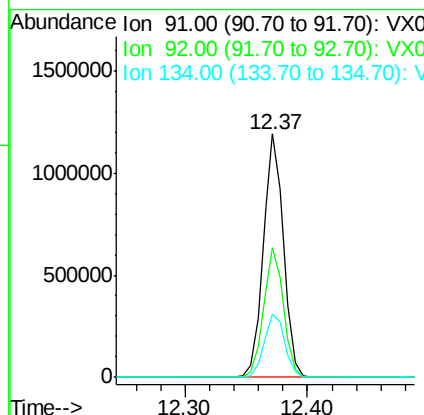
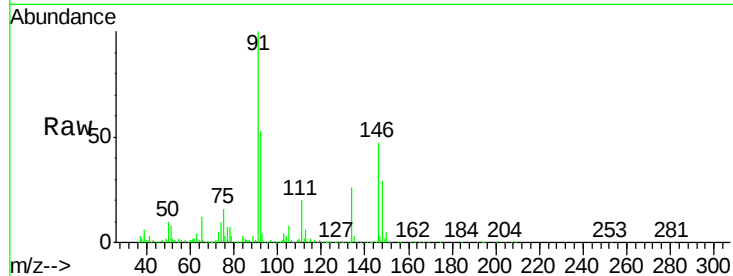
#89
n-Butylbenzene
Concen: 55.771 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.7	77.0
134	26.6	13.4	40.2

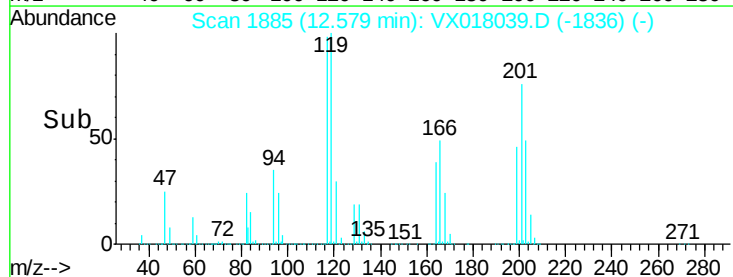
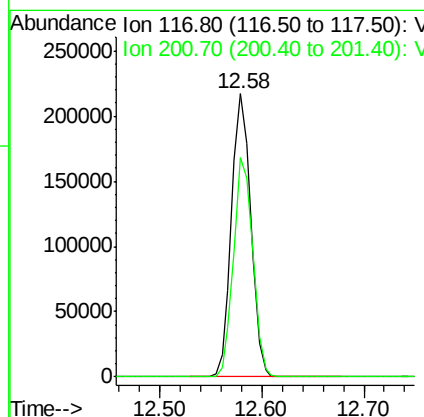
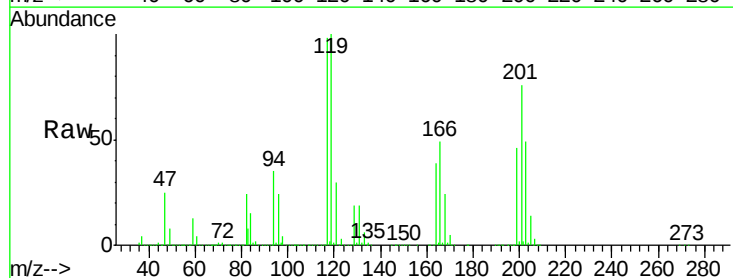
Manual Integrations
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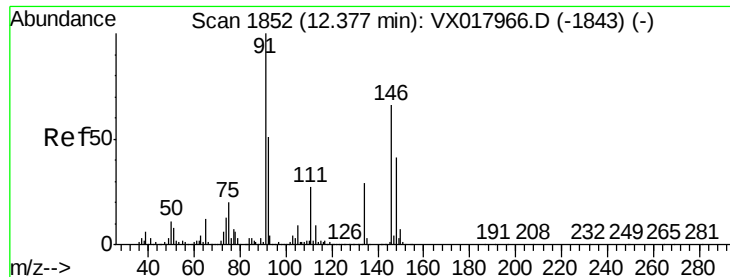
MMDadoda
8/21/2020 10:50:55 AM



#90
Hexachloroethane
Concen: 47.845 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	40.8	122.2





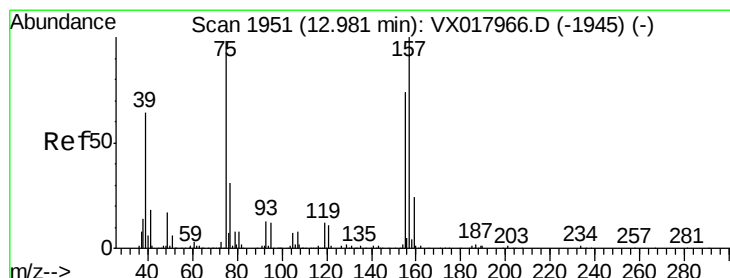
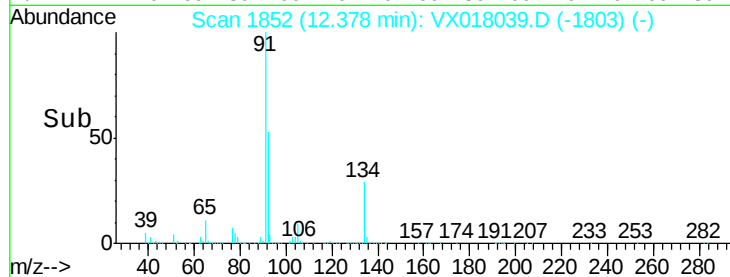
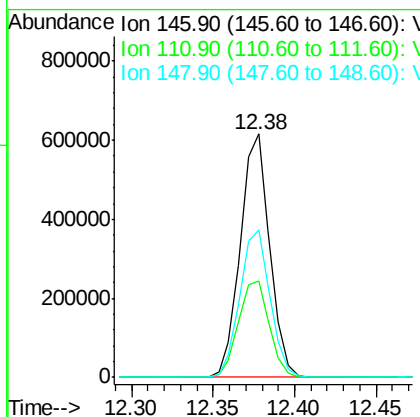
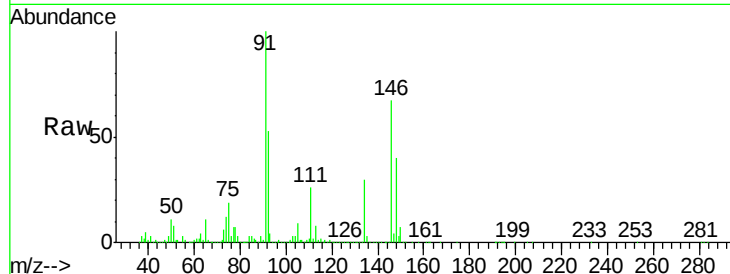
#91
 1,2-Dichlorobenzene
 Concen: 52.010 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.9
148	62.2	31.2	93.6

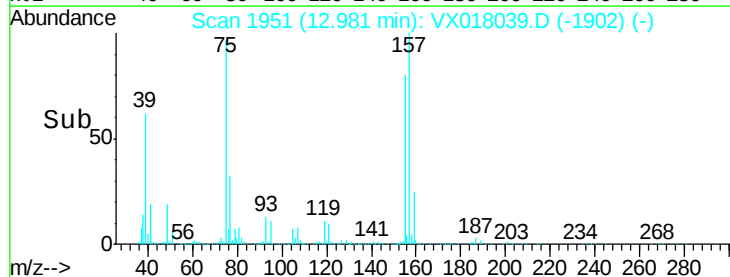
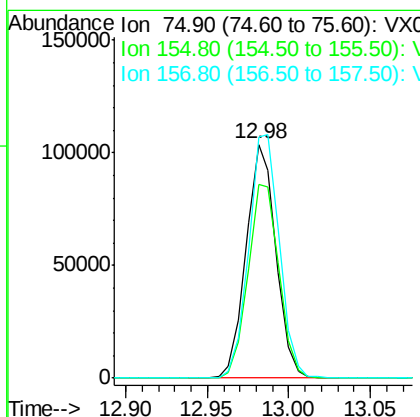
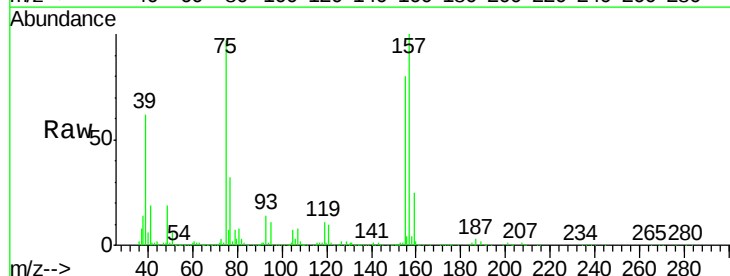
Manual Integrations
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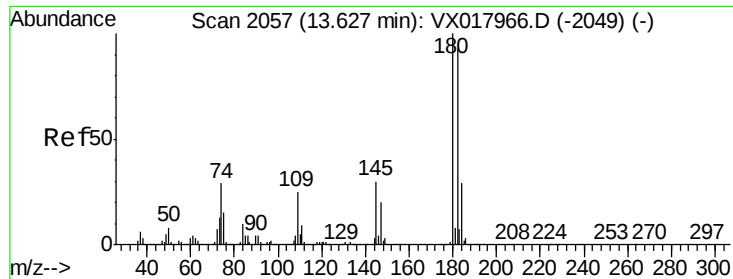
MMDadoda
 8/21/2020 10:50:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.587 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018039.D
 Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.5	40.5	121.5
157	107.8	54.4	163.2





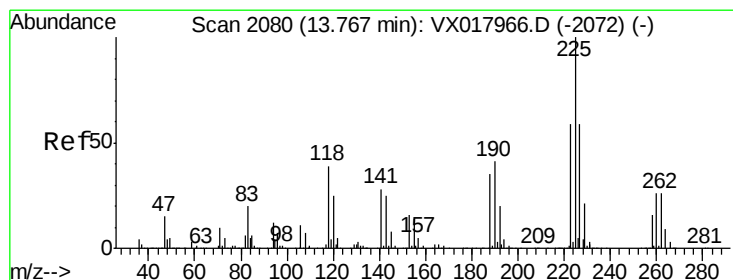
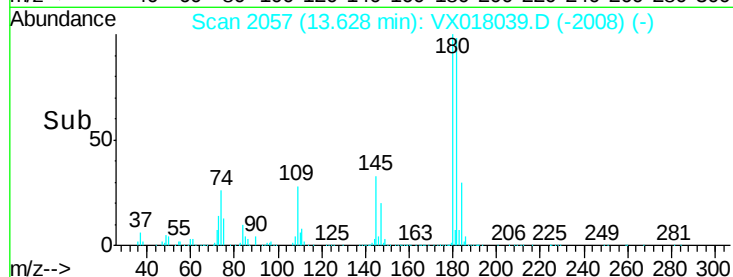
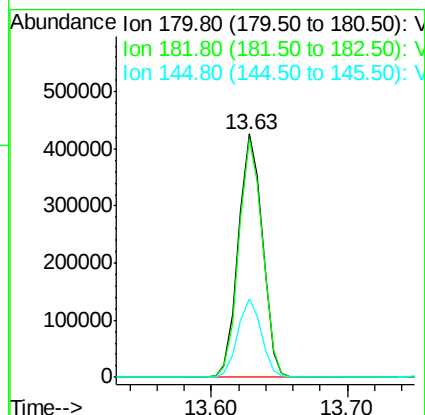
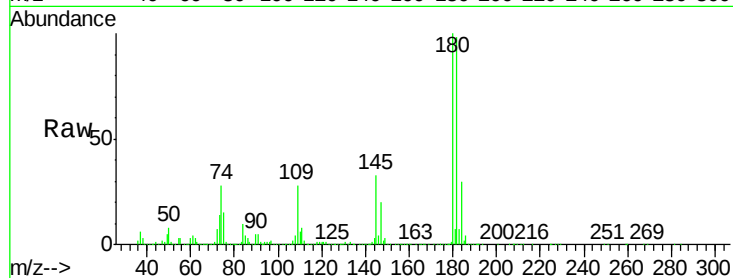
#93
1,2,4-Trichlorobenzene
Concen: 53.536 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	523788		
182	96.6	48.8	146.4	
145	31.8	16.0	48.0	

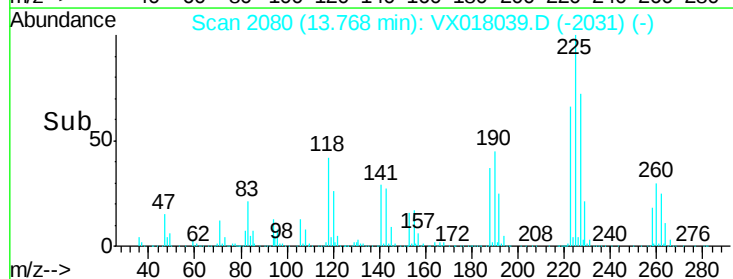
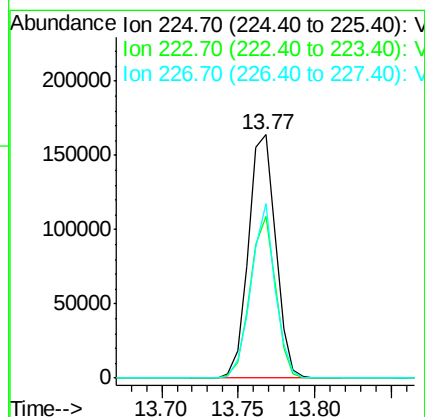
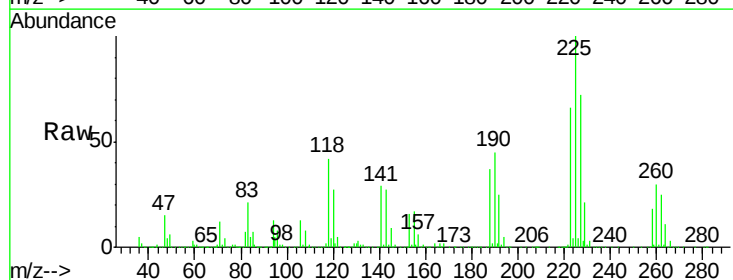
Manual Integrations
APPROVED

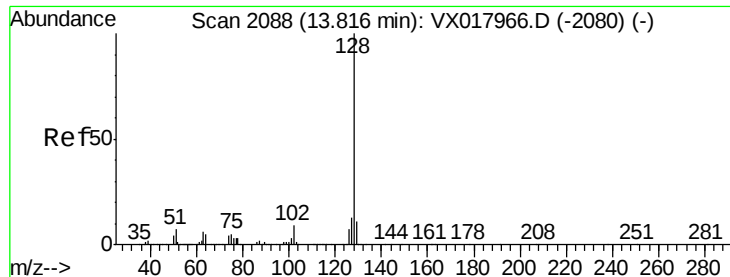
MMDadoda
8/21/2020 10:50:55 AM



#94
Hexachlorobutadiene
Concen: 48.603 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX018039.D
Acq: 20 Aug 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	202934		
223	62.6	32.1	96.3	
227	63.1	29.8	89.5	





#95

Naphthalene

Concen: 55.790 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1722991

Ion Ratio Lower Upper

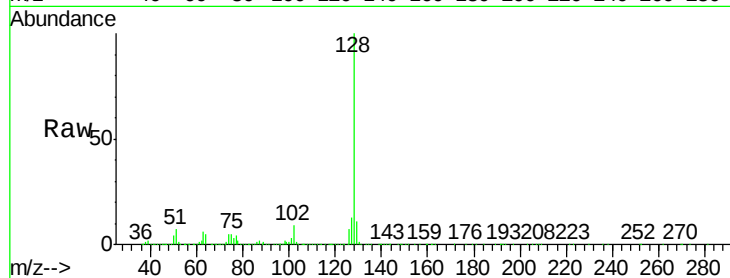
128 100

127 12.9 10.7 16.1

129 10.9 8.6 13.0

Manual Integrations
APPROVED

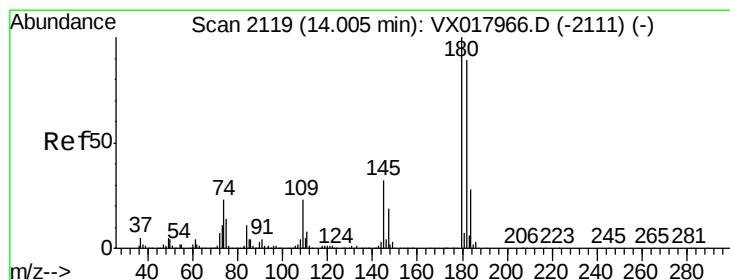
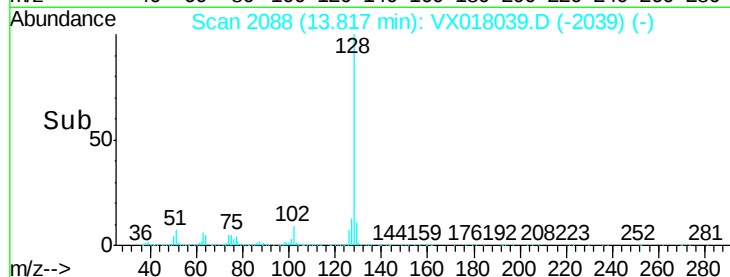
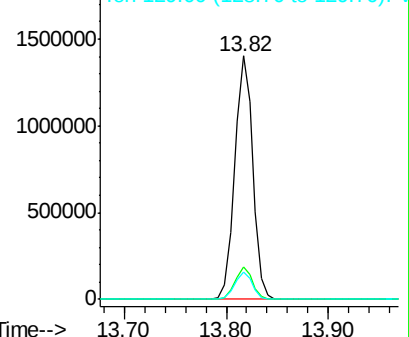
MMDadoda
8/21/2020 10:50:55 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.735 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX018039.D

Acq: 20 Aug 2020 17:19

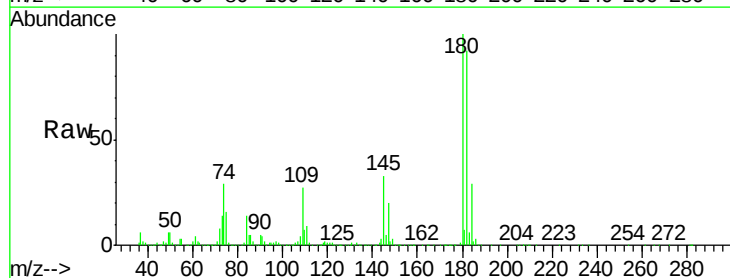
Tgt Ion:180 Resp: 514701

Ion Ratio Lower Upper

180 100

182 96.5 46.6 139.8

145 32.9 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

