

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX083120\
 Data File : VX018160.D
 Acq On : 31 Aug 2020 20:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:46 AM

Quant Time: Sep 01 06:56:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	451592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	713775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	691752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	378306	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	315878	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.47	113	248146	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	8.70	98	877729	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.12	95	361831	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	278294	50.615	ug/l	98
3) Chloromethane	1.31	50	277660	47.900	ug/l	99
4) Vinyl Chloride	1.39	62	272727	47.264	ug/l	99
5) Bromomethane	1.62	94	161738	58.112	ug/l	100
6) Chloroethane	1.70	64	160272	51.714	ug/l	100
7) Trichlorofluoromethane	1.91	101	439492	55.856	ug/l	97
8) Diethyl Ether	2.17	74	137539	51.544	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	215401	50.638	ug/l	99
10) Methyl Iodide	2.49	142	271197	58.575	ug/l	98
11) Tert butyl alcohol	3.02	59	290481	238.300	ug/l	100
12) 1,1-Dichloroethene	2.36	96	216767	49.118	ug/l	96
13) Acrolein	2.28	56	151076	298.902	ug/l	97
14) Allyl chloride	2.71	41	387891	48.922	ug/l	97
15) Acrylonitrile	3.12	53	664217	240.215	ug/l	100
16) Acetone	2.42	43	593834	243.087	ug/l	98
17) Carbon Disulfide	2.54	76	615031	46.100	ug/l	97
18) Methyl Acetate	2.75	43	334829	56.799	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	783705	51.781	ug/l	98
20) Methylene Chloride	2.84	84	245868	49.205	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	237065	48.485	ug/l	99
22) Diisopropyl ether	3.83	45	772728	49.379	ug/l	98
23) Vinyl Acetate	3.79	43	3434253	246.630	ug/l	99
24) 1,1-Dichloroethane	3.67	63	439359	49.321	ug/l	99
25) 2-Butanone	4.64	43	935510	233.016	ug/l	97
26) 2,2-Dichloropropane	4.55	77	339557	46.848	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	272417	48.357	ug/l	97
28) Bromochloromethane	4.98	49	193385	44.974	ug/l	94
29) Tetrahydrofuran	5.09	42	592649	231.890	ug/l	97
30) Chloroform	5.18	83	465582	50.475	ug/l	93
31) Cyclohexane	5.55	56	363190	48.400	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	434126	51.286	ug/l	99
36) 1,1-Dichloropropene	5.77	75	336351	51.090	ug/l	100
37) Ethyl Acetate	4.80	43	360737	47.178	ug/l	99
38) Carbon Tetrachloride	5.76	117	407592	54.937	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	362785	50.395	ug/l	100
40) Benzene	6.12	78	956319	49.435	ug/l	100
41) Methacrylonitrile	5.01	41	205464	48.939	ug/l	98
42) 1,2-Dichloroethane	6.17	62	387220	52.244	ug/l	98
43) Isopropyl Acetate	6.42	43	597602	48.388	ug/l	99
44) Trichloroethene	7.19	130	278888	51.022	ug/l	100
45) 1,2-Dichloropropane	7.49	63	255988	49.098	ug/l	96
46) Dibromomethane	7.63	93	184816	50.408	ug/l	99
47) Bromodichloromethane	7.88	83	386127	52.745	ug/l	99
48) Methyl methacrylate	7.74	41	300563	48.888	ug/l	99
49) 1,4-Dioxane	7.71	88	104028	934.106	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1898318	248.834	ug/l	100
52) Toluene	8.76	92	617465	50.337	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	409641	50.489	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	429850	50.012	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	263578	50.382	ug/l	97
56) Ethyl methacrylate	9.16	69	392895	50.518	ug/l	99
57) 1,3-Dichloropropane	9.35	76	431636	50.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	765162	218.706	ug/l	98
59) 2-Hexanone	9.48	43	1471342	253.642	ug/l	100
60) Dibromochloromethane	9.57	129	327057	53.292	ug/l	99
61) 1,2-Dibromoethane	9.65	107	285561	50.277	ug/l	99
64) Tetrachloroethene	9.32	164	252289	49.630	ug/l	95
65) Chlorobenzene	10.12	112	696075	50.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	281806	51.752	ug/l	98
67) Ethyl Benzene	10.24	91	1217730	51.829	ug/l	99
68) m/p-Xylenes	10.34	106	933342	106.431	ug/l	99
69) o-Xylene	10.68	106	449065	52.824	ug/l	98
70) Styrene	10.70	104	786553	54.331	ug/l	99
71) Bromoform	10.84	173	252850	54.440	ug/l	# 100
73) Isopropylbenzene	11.00	105	1247482	49.992	ug/l	100
74) N-amyl acetate	10.88	43	554853	46.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	398287	45.246	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	385199m	45.772	ug/l	
77) Bromobenzene	11.24	156	323452	46.893	ug/l	99
78) n-propylbenzene	11.35	91	1410306	49.775	ug/l	99
79) 2-Chlorotoluene	11.40	91	865357	49.435	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1075663	52.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	142231	45.647	ug/l	98
82) 4-Chlorotoluene	11.49	91	1033110	49.645	ug/l	99
83) tert-Butylbenzene	11.76	119	1060157	52.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1072720	51.168	ug/l	98
85) sec-Butylbenzene	11.93	105	1207368	52.465	ug/l	99
86) p-Isopropyltoluene	12.05	119	1141420	53.997	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	574497	47.439	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	596785	49.217	ug/l	96
89) n-Butylbenzene	12.37	91	959848	49.749	ug/l	99
90) Hexachloroethane	12.58	117	226007	54.343	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	552809	48.493	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	101106	45.936	ug/l	95

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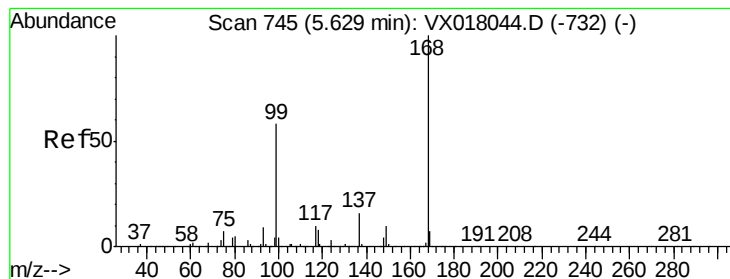
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	365313	48.057	ug/l	96
94) Hexachlorobutadiene	13.77	225	145448	48.510	ug/l	96
95) Naphthalene	13.82	128	1248288	49.897	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	365818	48.703	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 451592

Ion Ratio Lower Upper

168 100

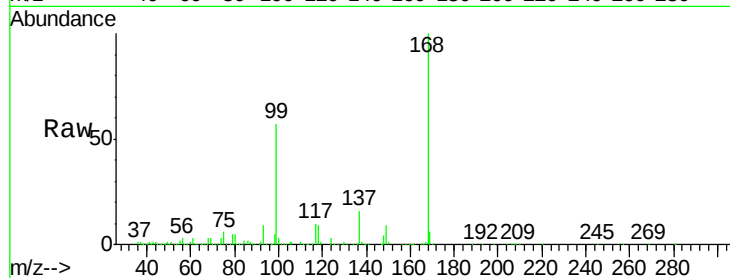
99 57.0 46.3 69.5

Manual Integrations

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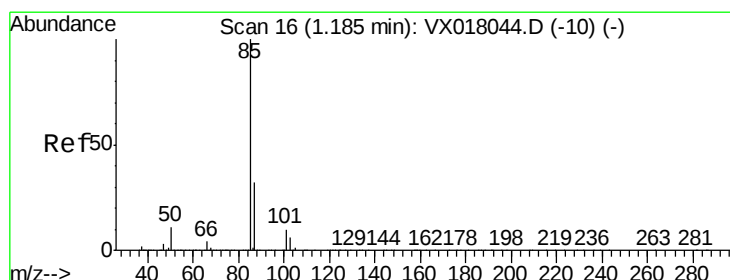
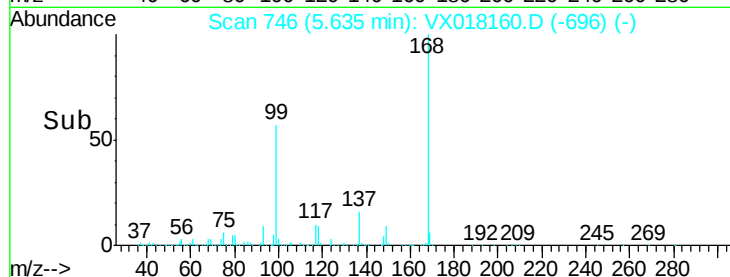
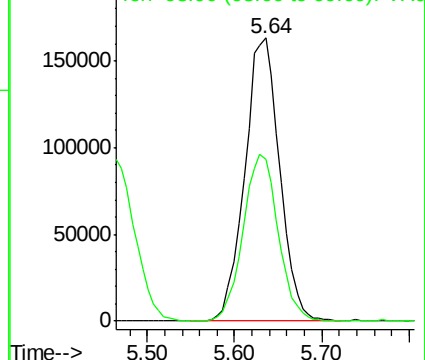
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.615 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018160.D

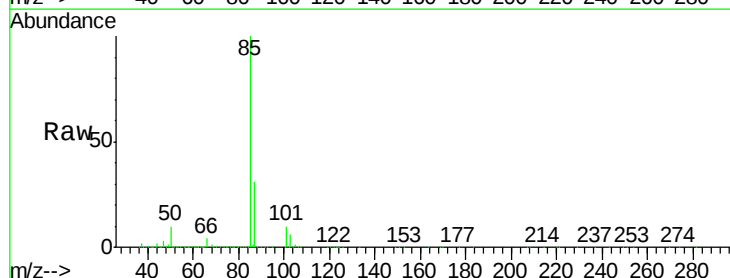
Acq: 31 Aug 2020 20:05

Tgt Ion: 85 Resp: 278294

Ion Ratio Lower Upper

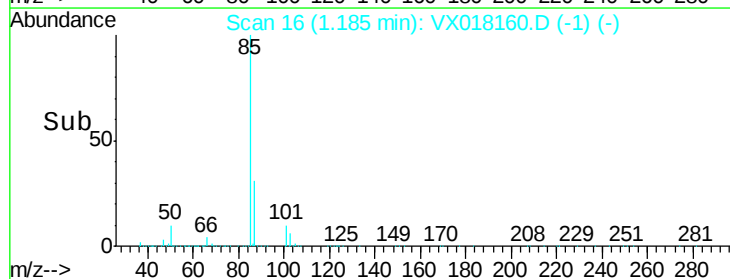
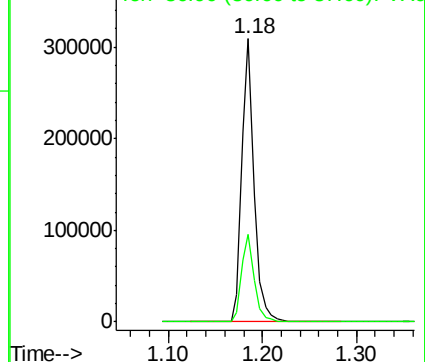
85 100

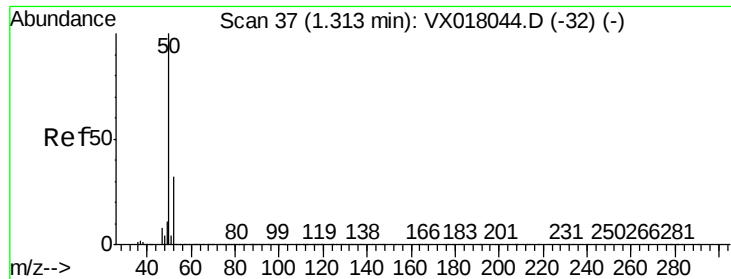
87 31.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.900 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 277660

Ion Ratio Lower Upper

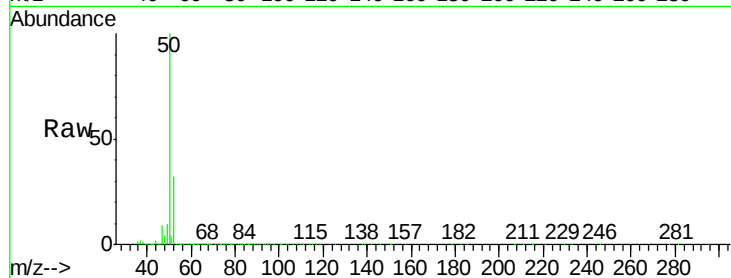
50 100

52 32.5 25.4 38.2

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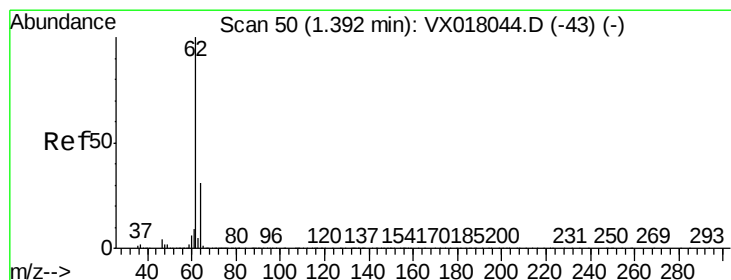
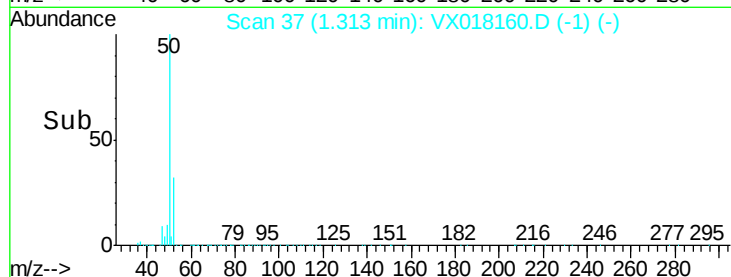
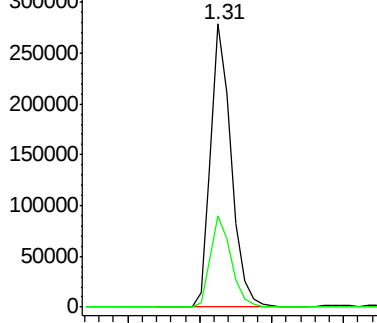
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.264 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018160.D

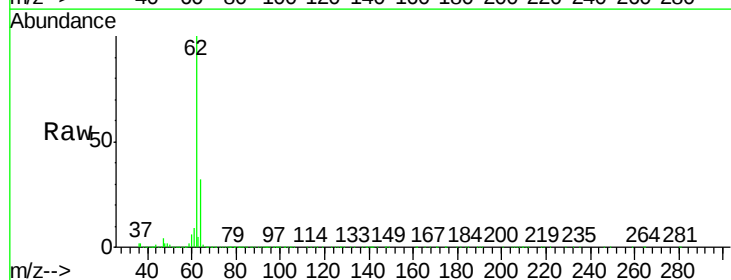
Acq: 31 Aug 2020 20:05

Tgt Ion: 62 Resp: 272727

Ion Ratio Lower Upper

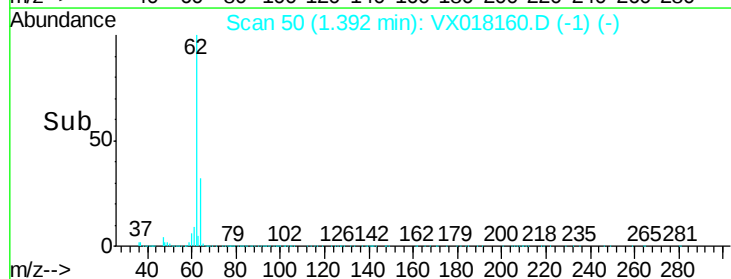
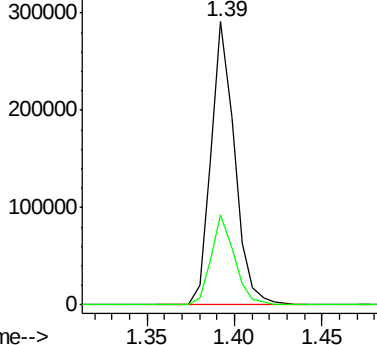
62 100

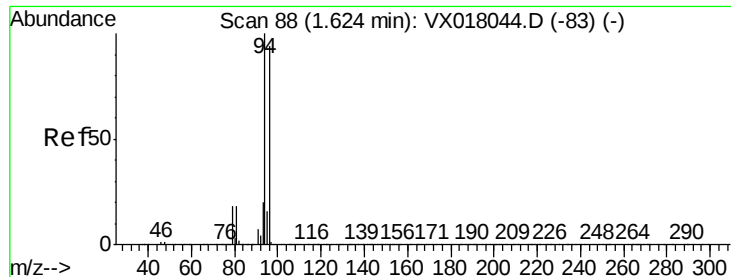
64 31.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.112 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 161738

Ion Ratio Lower Upper

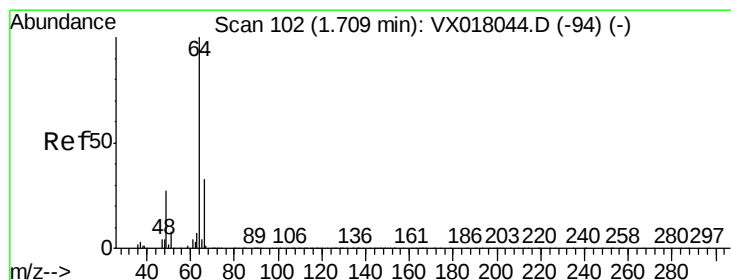
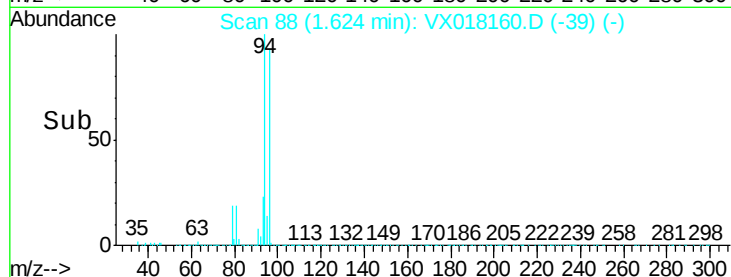
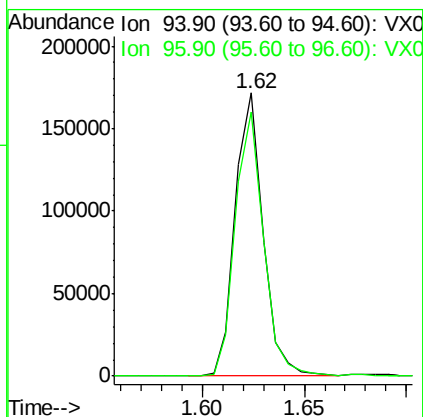
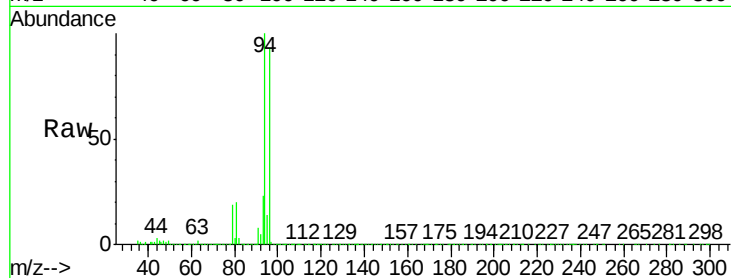
94 100

96 93.1 74.8 112.2

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#6

Chloroethane

Concen: 51.714 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018160.D

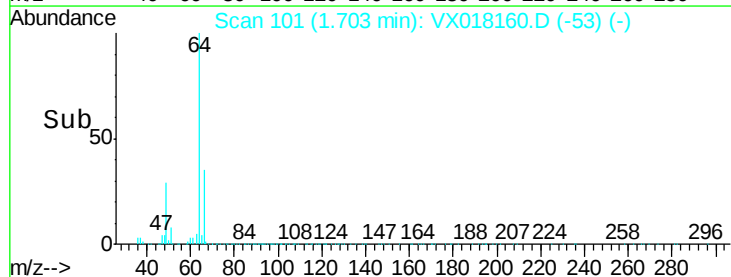
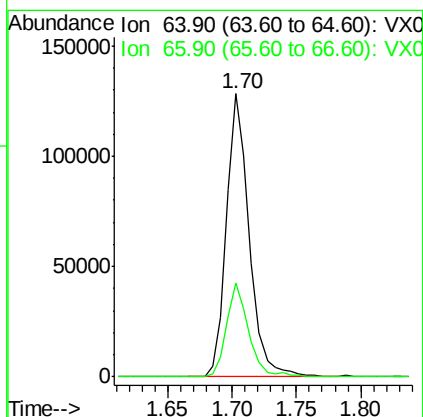
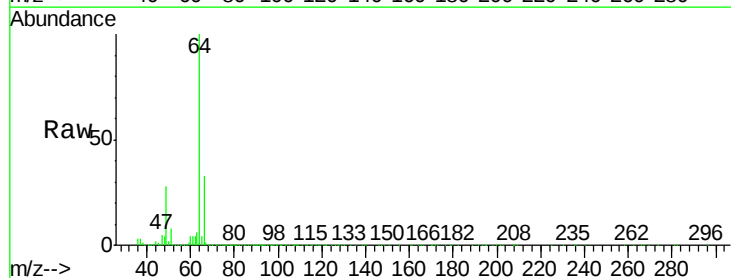
Acq: 31 Aug 2020 20:05

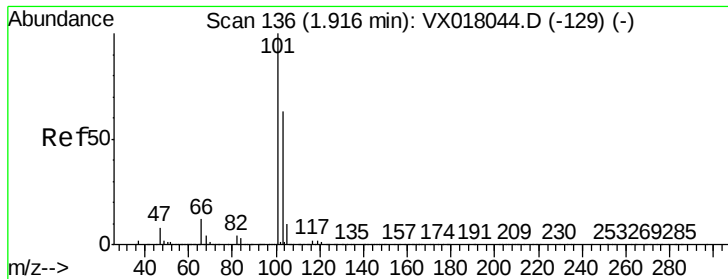
Tgt Ion: 64 Resp: 160272

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8





#7

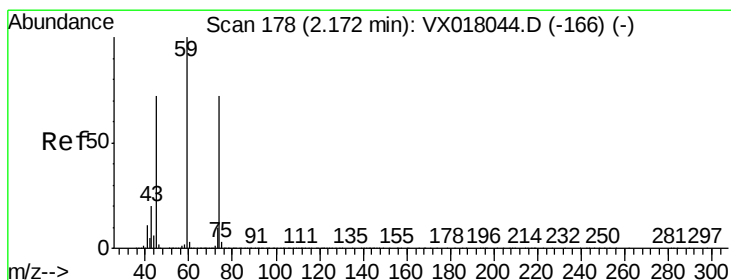
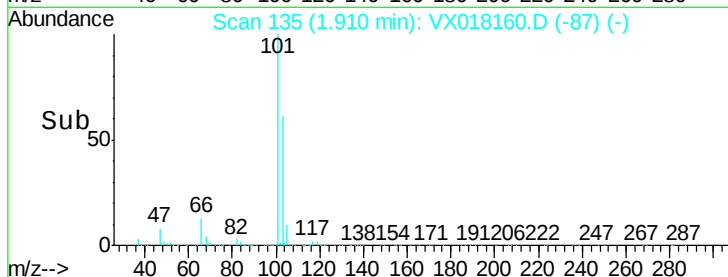
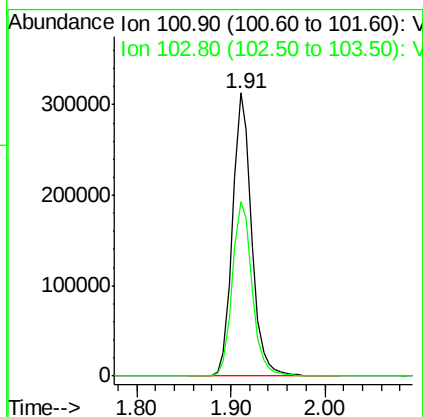
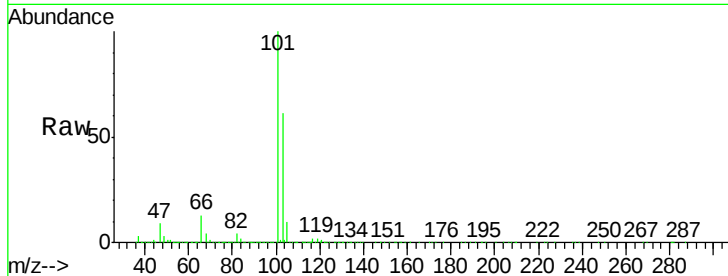
Trichlorofluoromethane
Concen: 55.856 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.4	50.7	76.1

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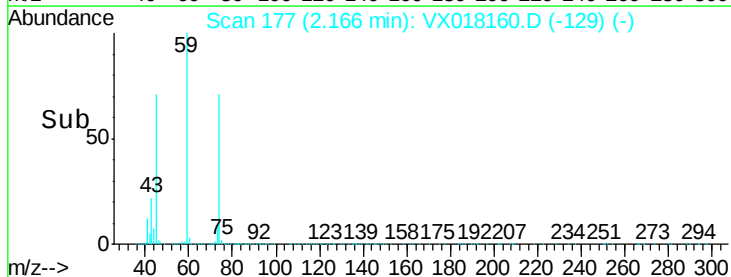
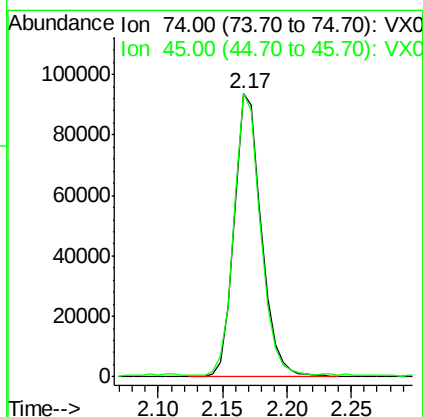
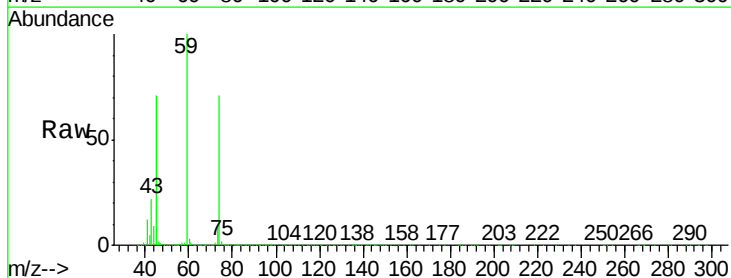
MMDadoda
9/1/2020 9:08:46 AM

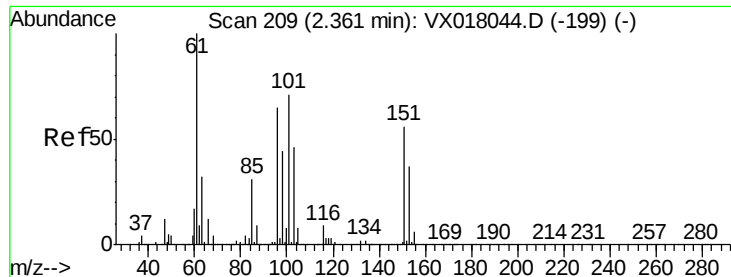


#8

Diethyl Ether
Concen: 51.544 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.638 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

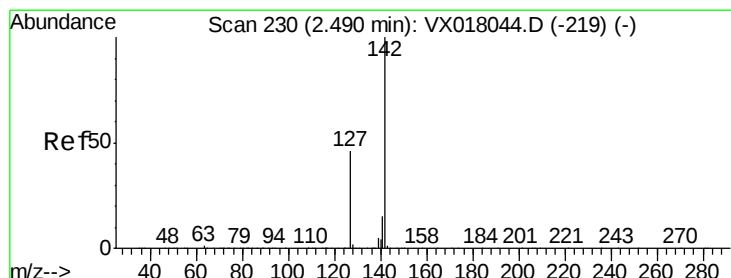
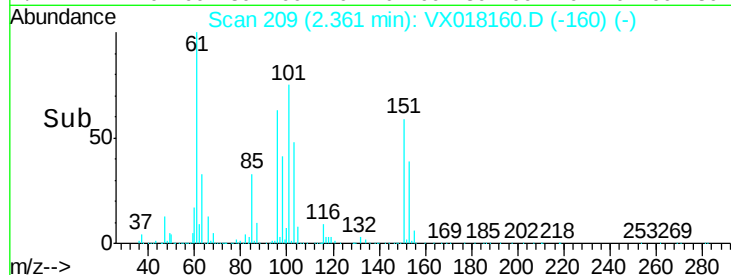
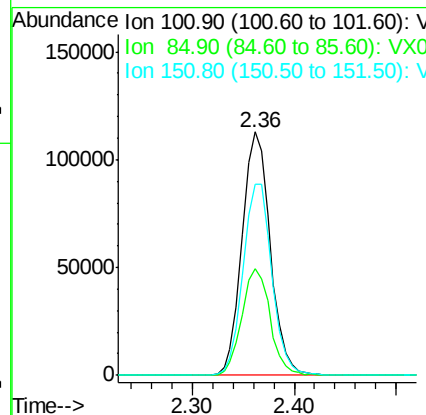
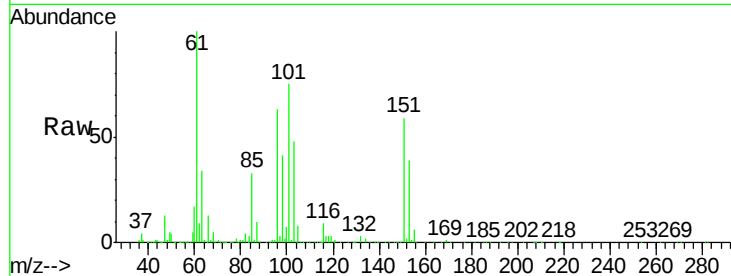
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	215401
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.0	51.0
151	81.0	65.2	97.8

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#10

Methyl Iodide

Concen: 58.575 ug/l

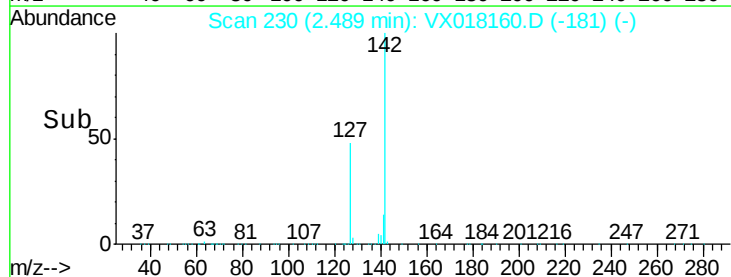
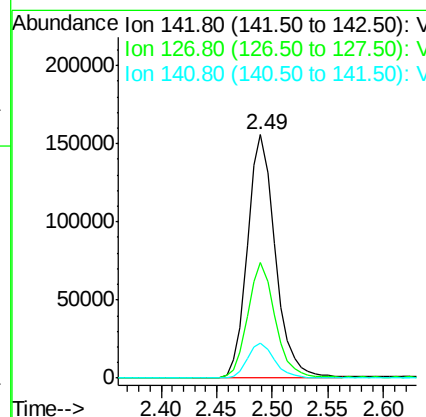
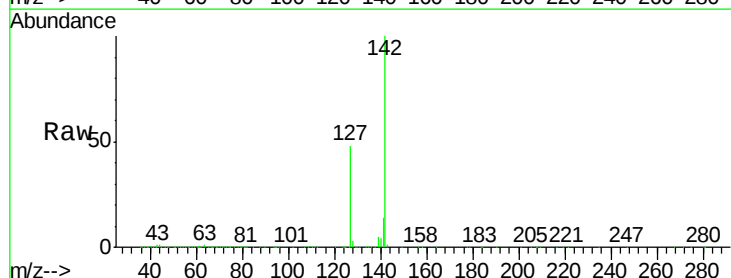
RT: 2.49 min Scan# 230

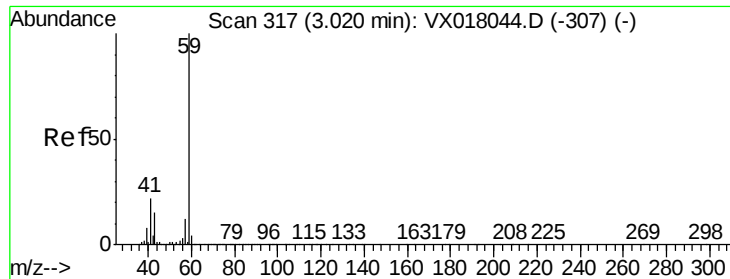
Delta R.T. 0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion:	142	Resp:	271197
Ion Ratio	Lower	Upper	
142	100		
127	47.6	37.0	55.6
141	14.2	11.5	17.3





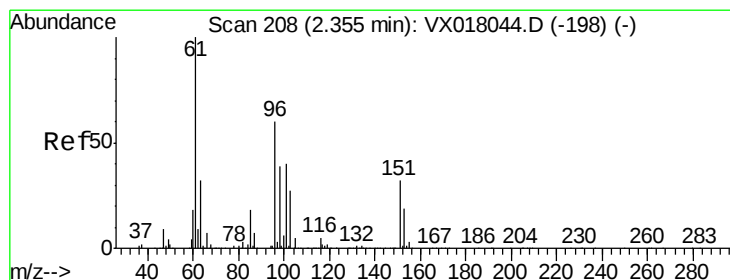
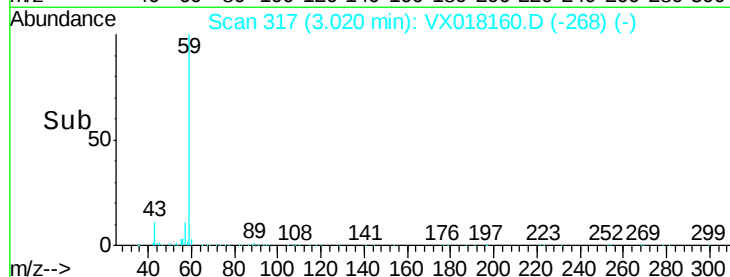
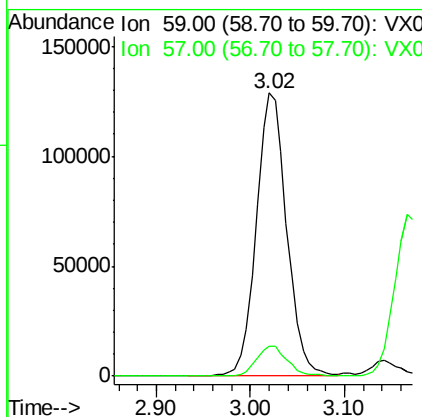
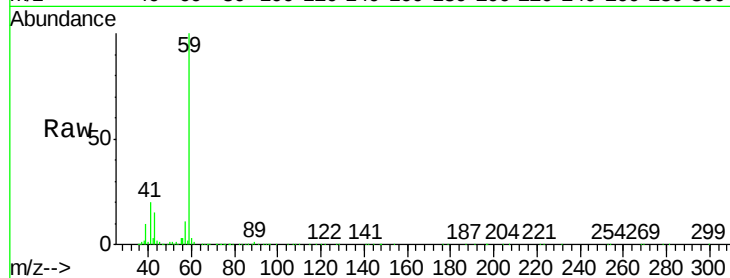
#11
Tert butyl alcohol
Concen: 238.300 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.9	13.3

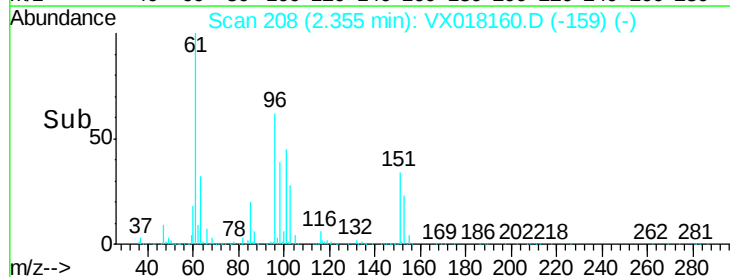
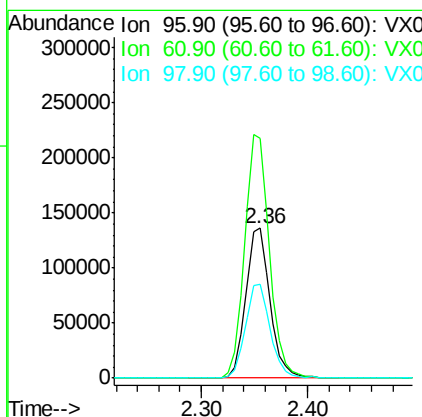
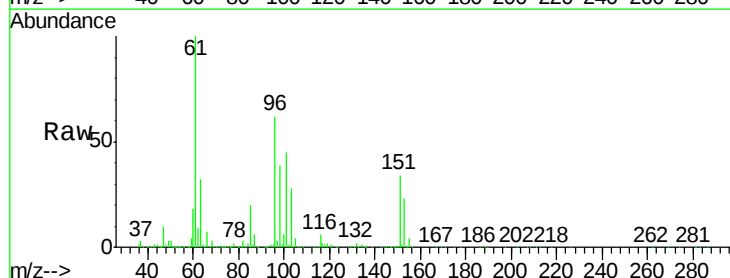
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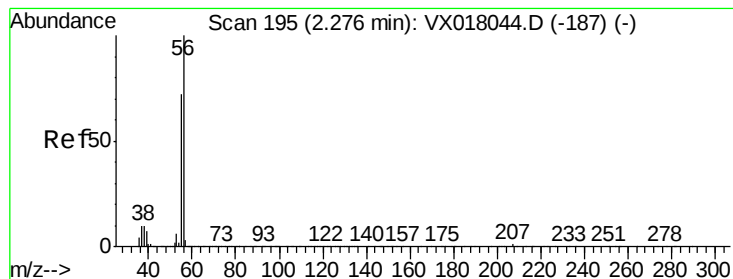
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.118 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	133.0	199.4
98	62.5	51.6	77.4





#13

Acrolein

Concen: 298.902 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 151076

Ion Ratio Lower Upper

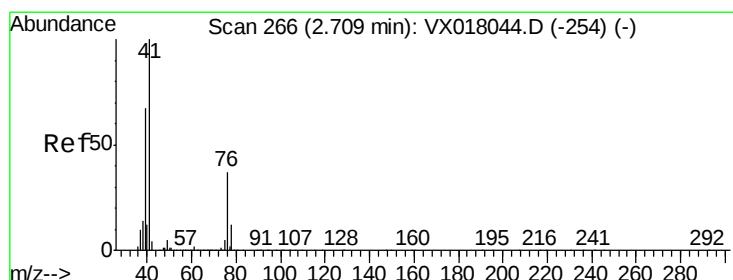
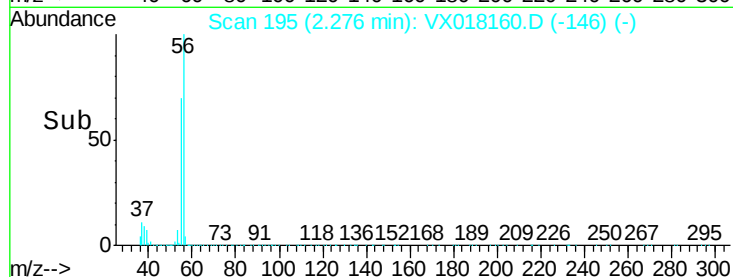
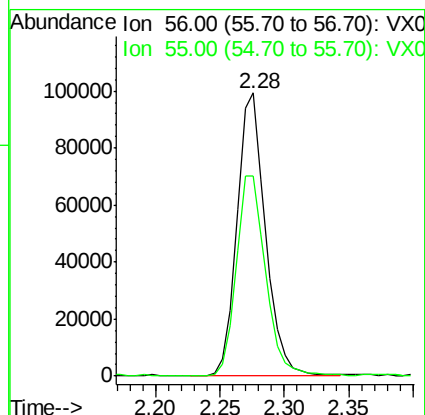
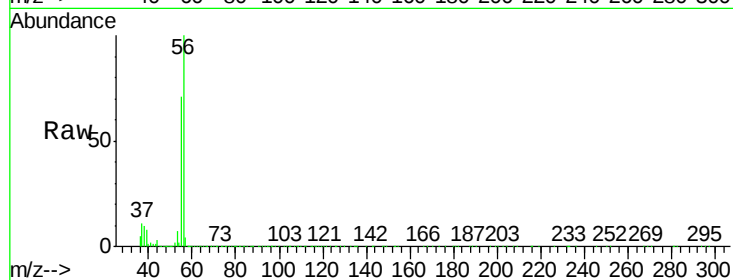
56 100

55 73.4 57.0 85.6

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#14

Allyl chloride

Concen: 48.922 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

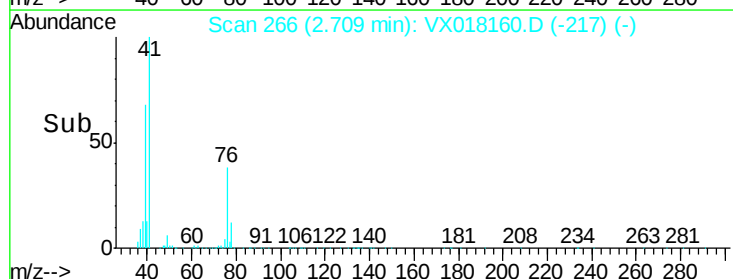
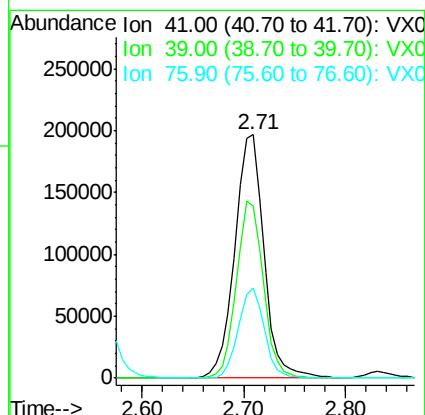
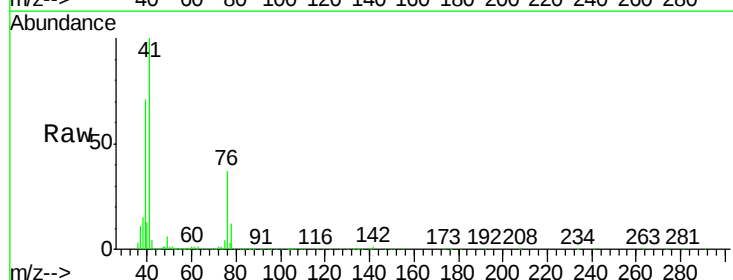
Tgt Ion: 41 Resp: 387891

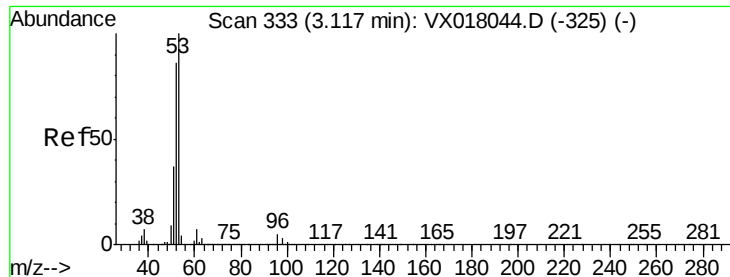
Ion Ratio Lower Upper

41 100

39 66.7 50.6 76.0

76 32.8 26.2 39.2





#15

Acrylonitrile

Concen: 240.215 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

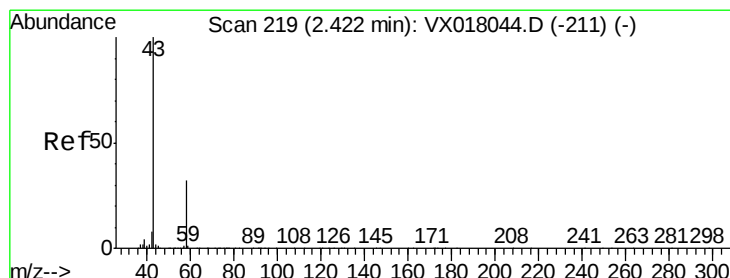
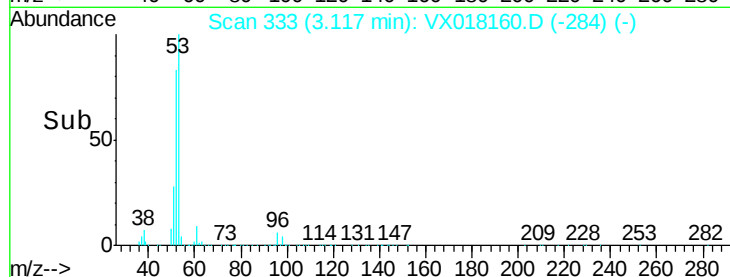
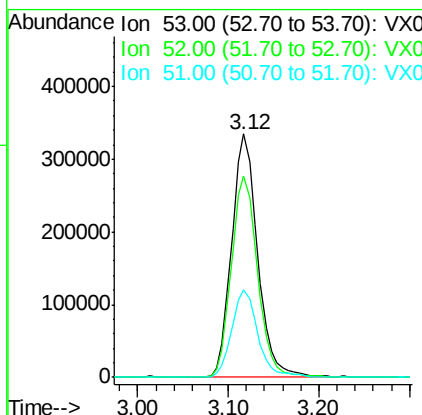
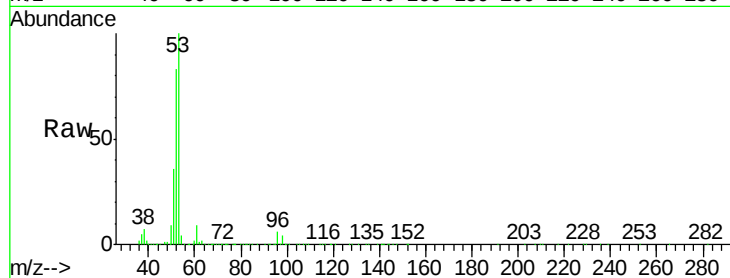
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	664217
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.9	100.3
51	36.5	28.7	43.1

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#16

Acetone

Concen: 243.087 ug/l

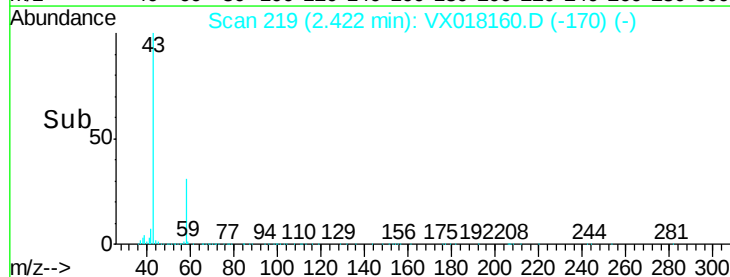
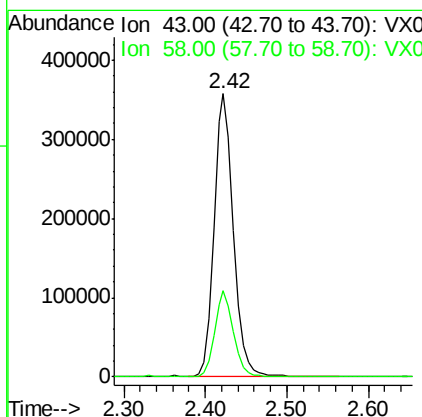
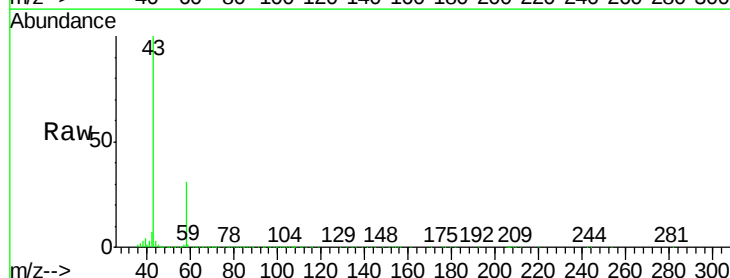
RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion:	43	Resp:	593834
Ion Ratio	Lower	Upper	
43	100		
58	30.6	25.5	38.3





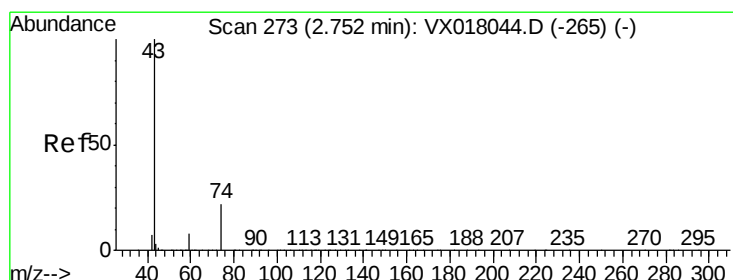
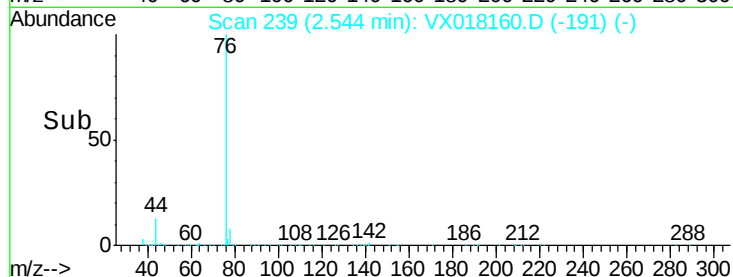
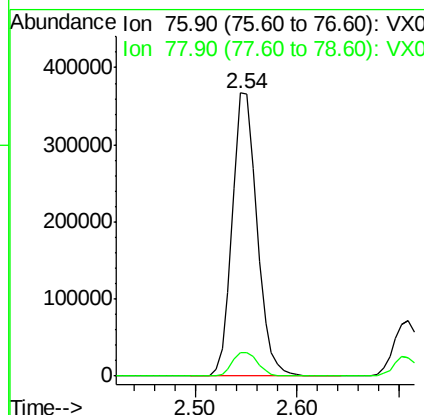
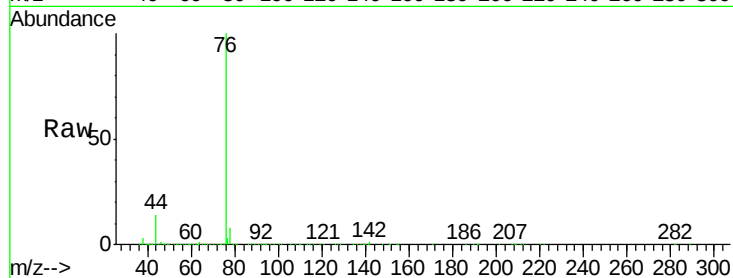
#17
Carbon Disulfide
Concen: 46.100 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.0

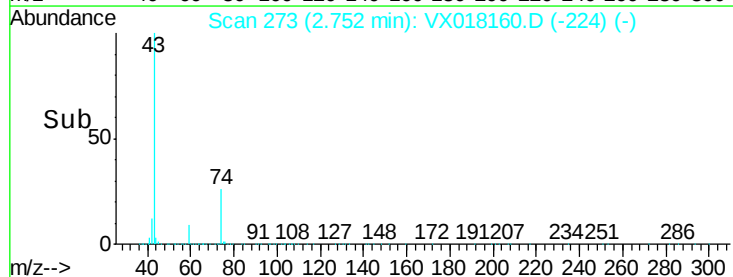
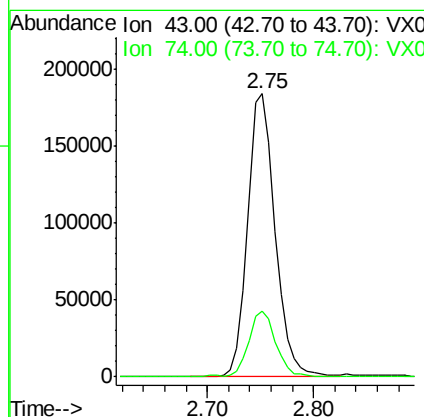
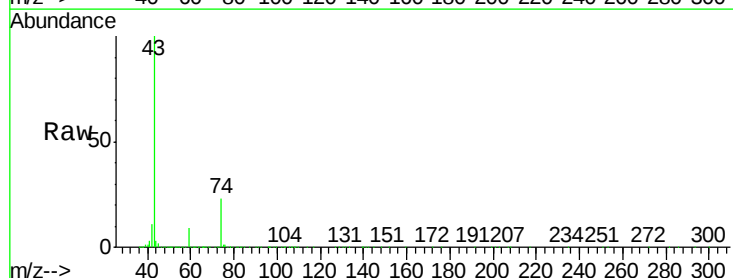
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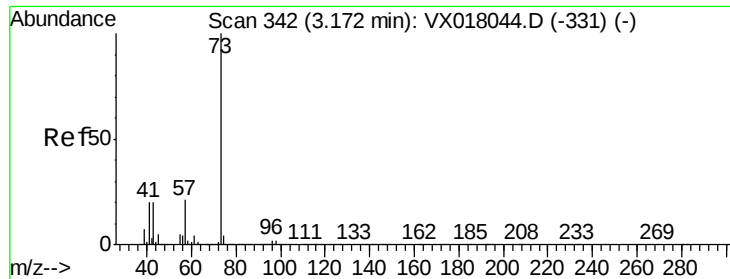
MMDadoda
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#18
Methyl Acetate
Concen: 56.799 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.2	27.4





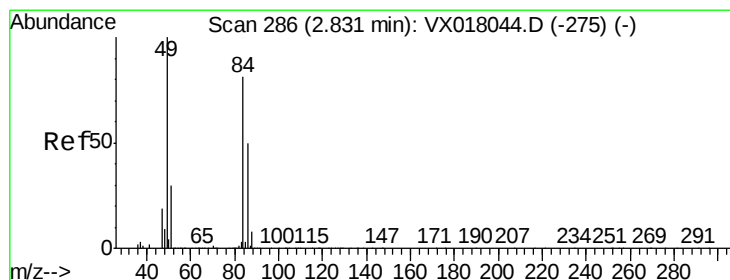
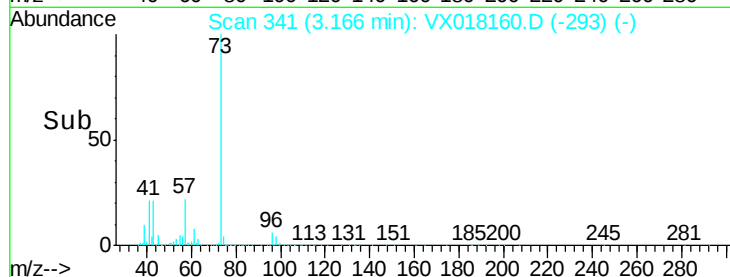
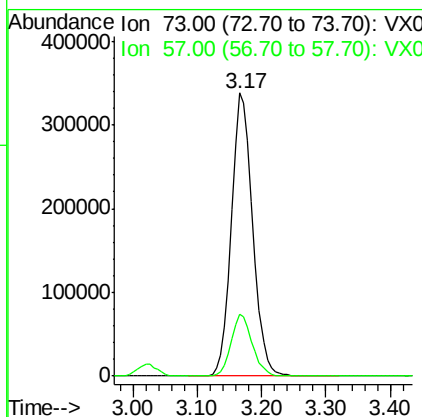
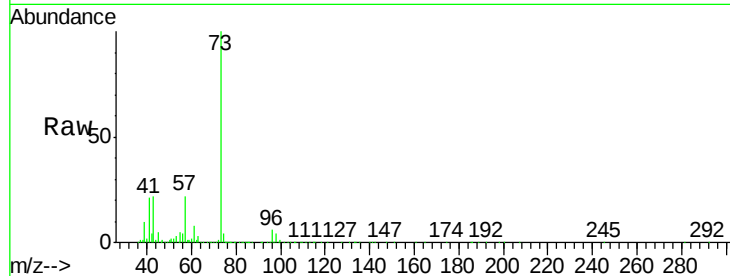
#19
Methyl tert-butyl Ether
Concen: 51.781 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2

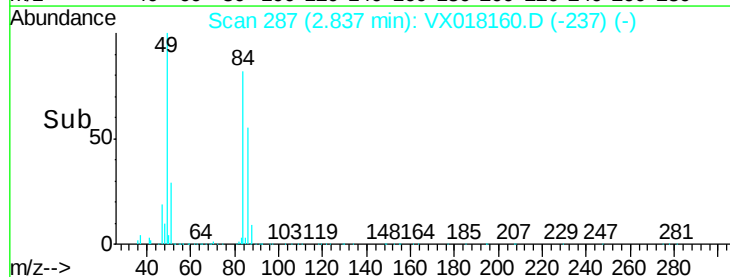
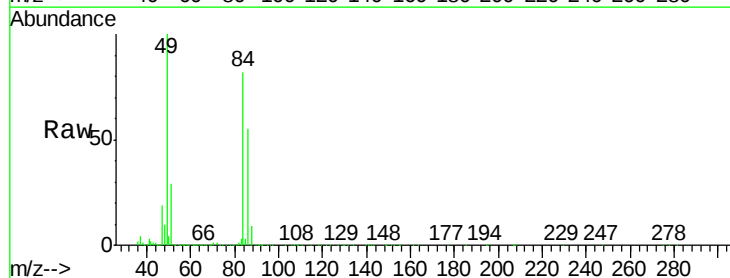
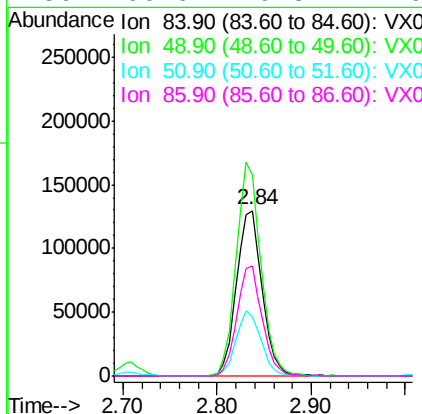
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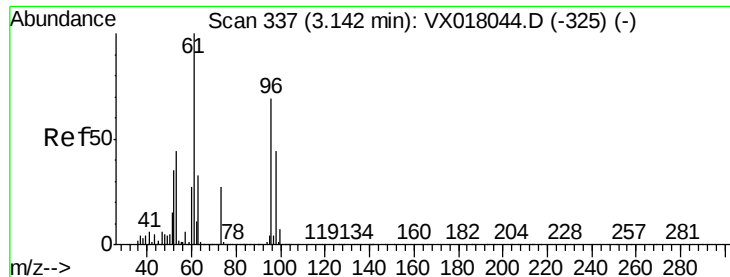
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#20
Methylene Chloride
Concen: 49.205 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	98.6	148.0
51	35.4	29.6	44.4
86	66.6	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 48.485 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

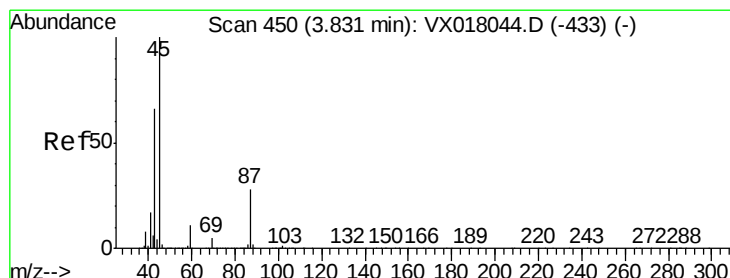
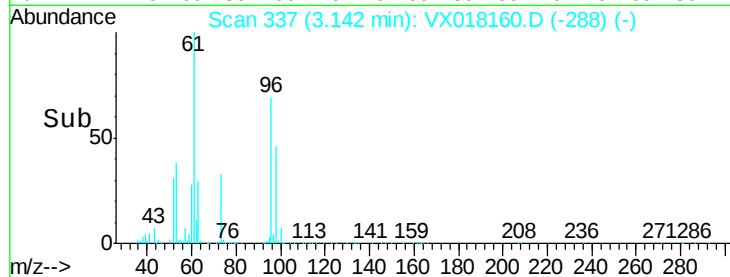
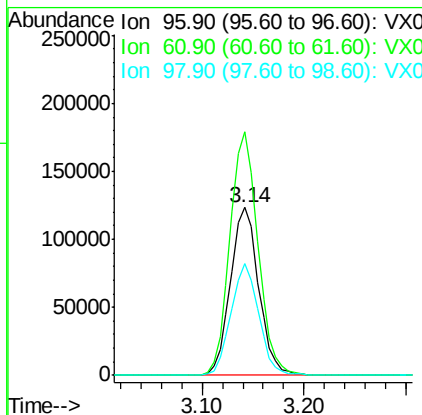
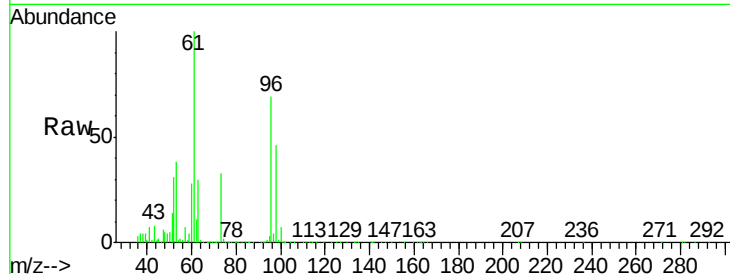
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	237065
Ion Ratio	Lower	Upper	
96	100		
61	145.1	115.4	173.0
98	66.3	51.1	76.7

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#22

Diisopropyl ether

Concen: 49.379 ug/l

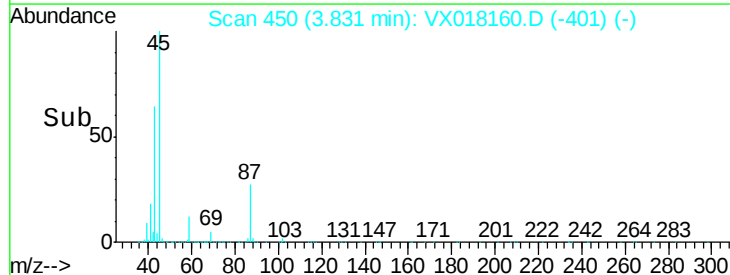
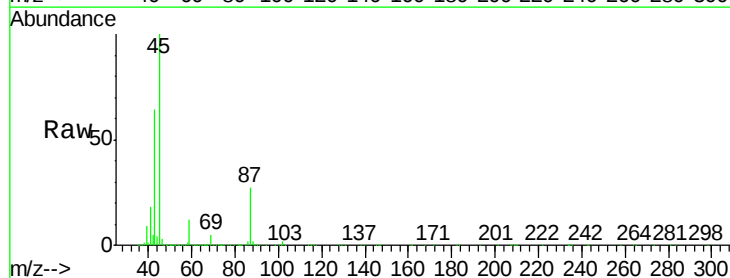
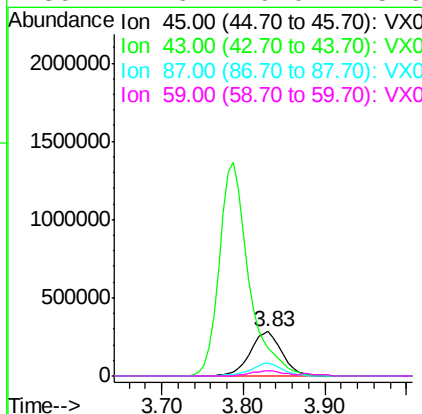
RT: 3.83 min Scan# 450

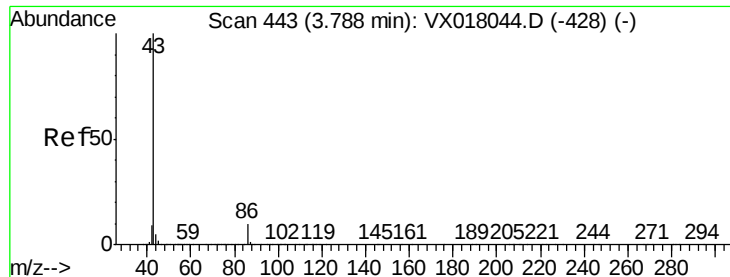
Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion:	45	Resp:	772728
Ion Ratio	Lower	Upper	
45	100		
43	63.4	52.8	79.2
87	27.5	22.5	33.7
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 246.630 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tot Ion: 43 Resp: 3434253

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9

Instrument :

MSVOA_X

ClientSampleId :

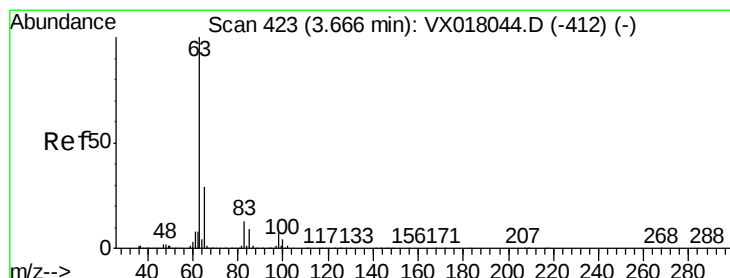
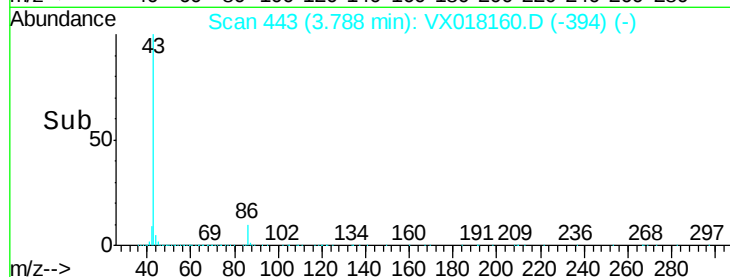
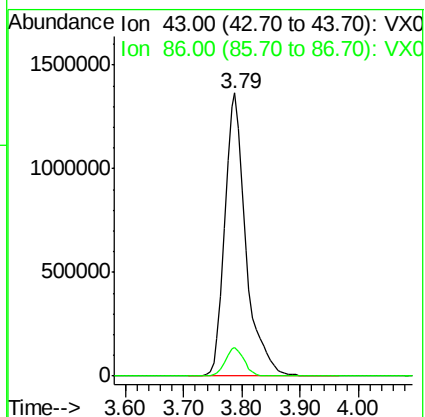
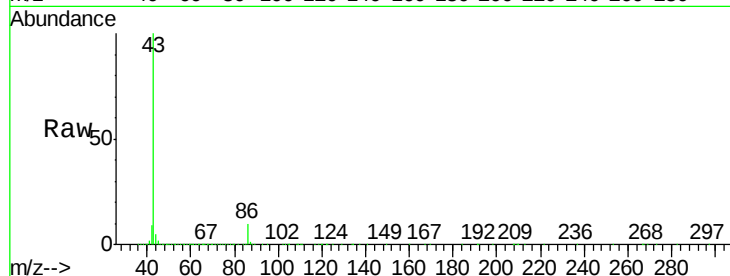
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 49.321 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

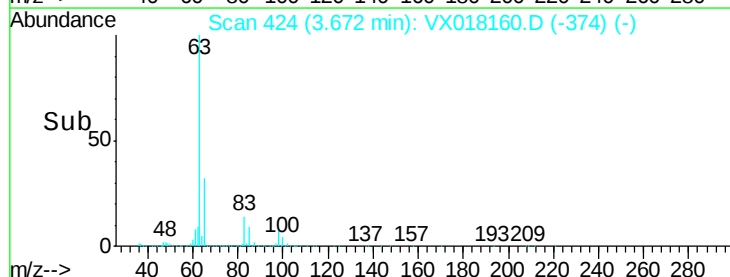
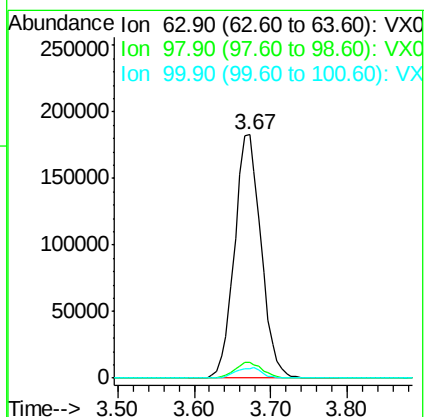
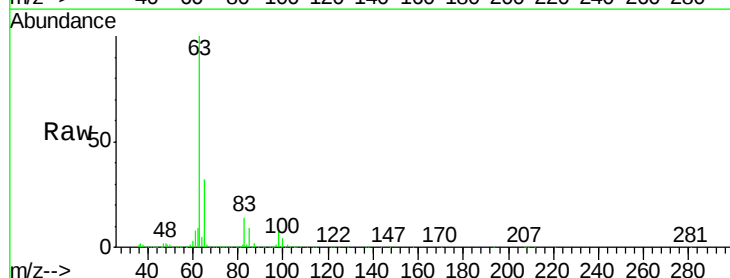
Tgt Ion: 63 Resp: 439359

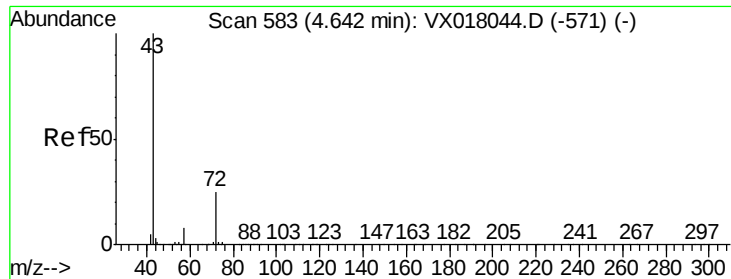
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 3.9 2.0 6.0





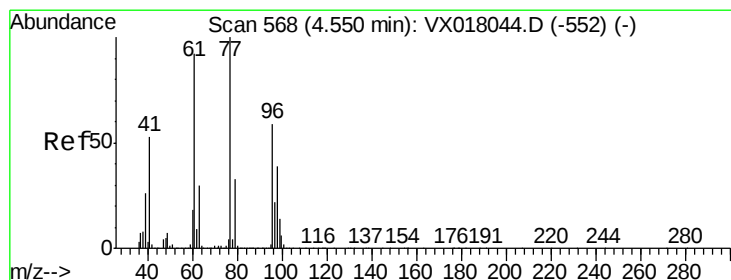
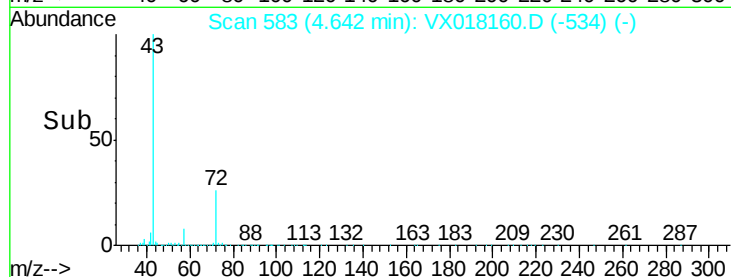
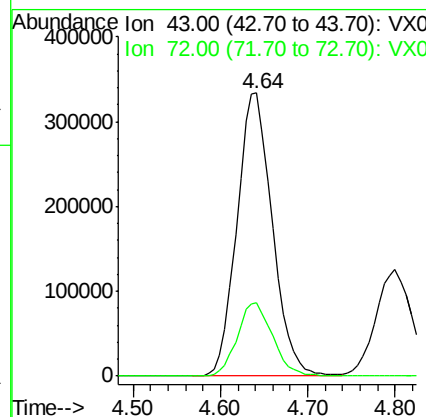
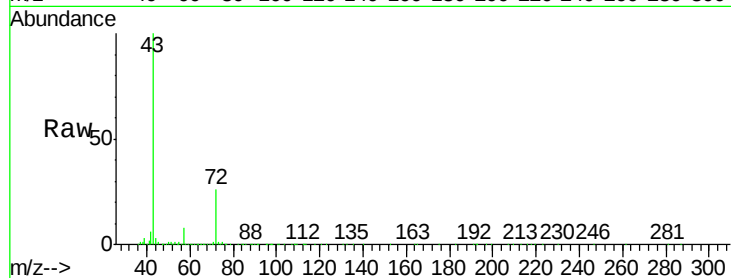
#25
2-Butanone
Concen: 233.016 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.8	29.6

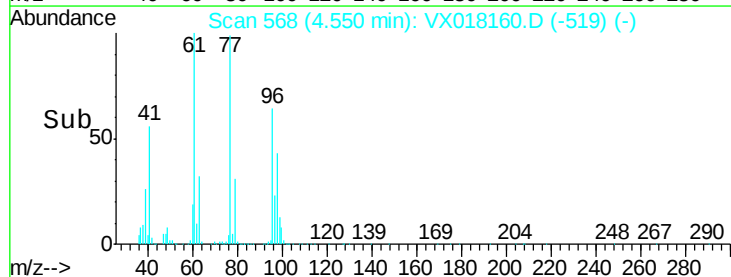
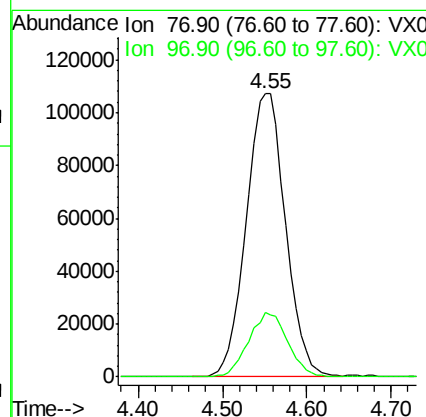
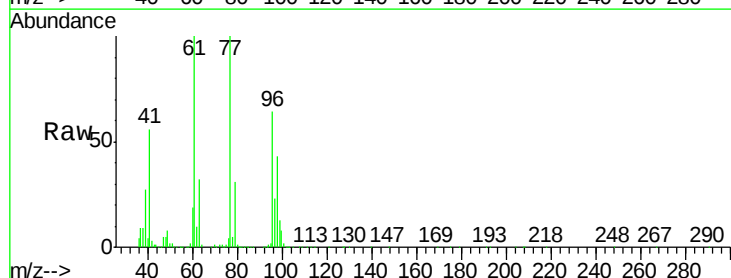
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#26
2,2-Dichloropropane
Concen: 46.848 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.5	34.5





#27

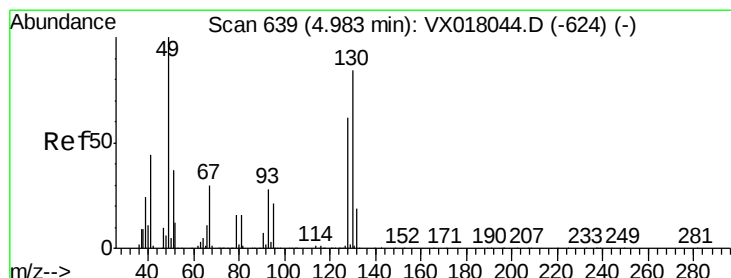
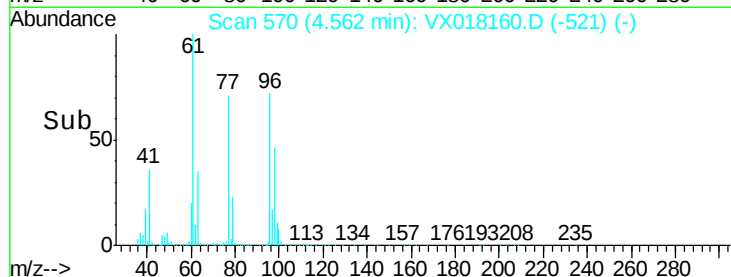
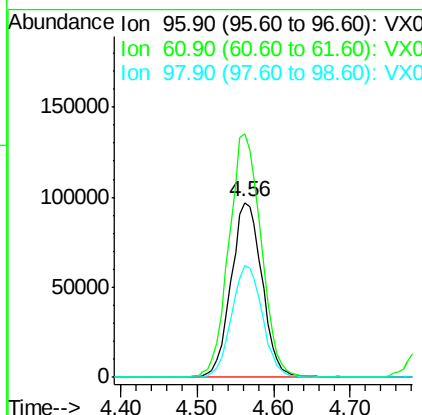
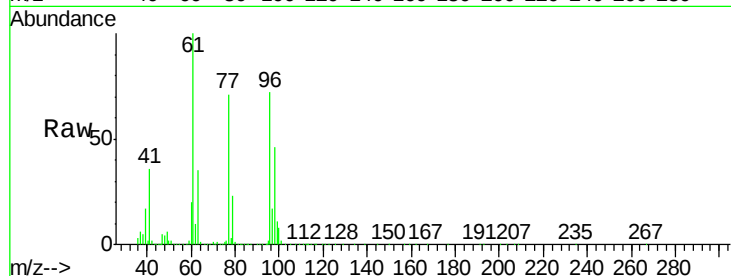
cis-1,2-Dichloroethene
Concen: 48.357 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	272417		
61	144.6	0.0	296.6	
98	63.3	0.0	130.2	

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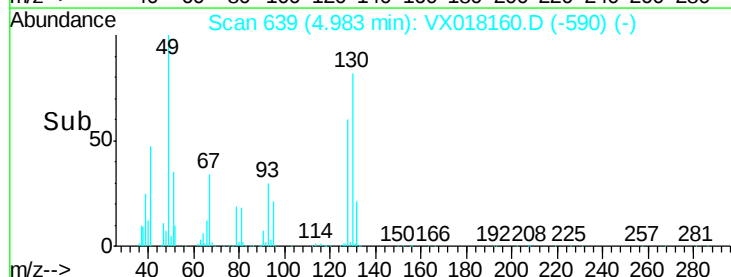
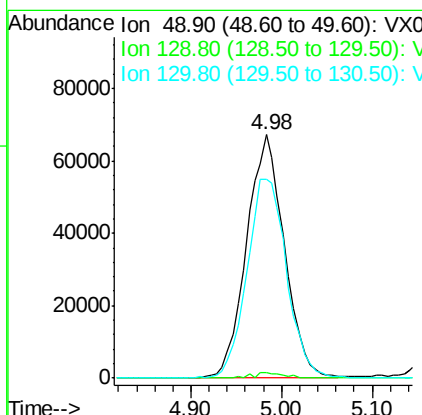
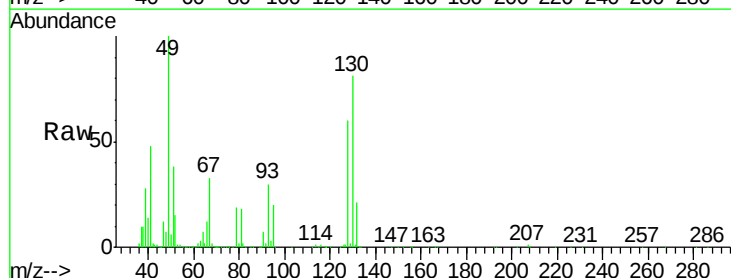
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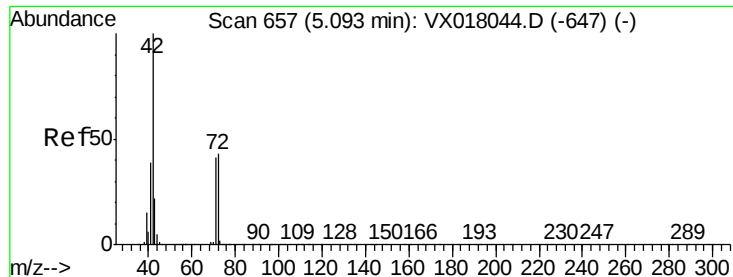


#28

Bromochloromethane
Concen: 44.974 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	193385		
129	2.0	0.0	4.6	
130	86.1	64.6	96.8	





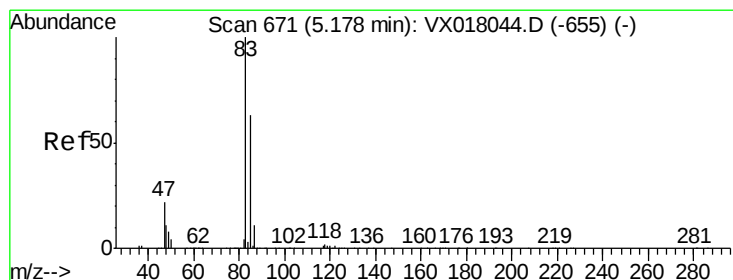
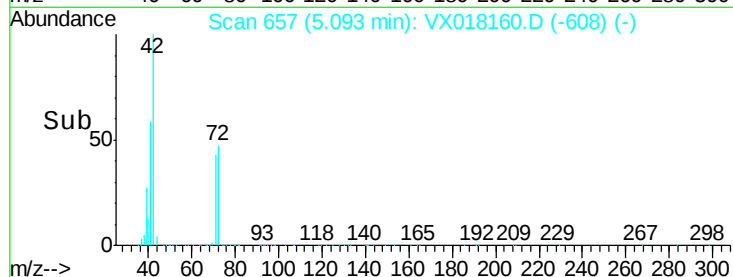
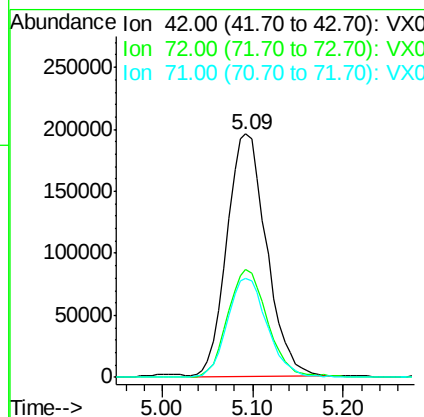
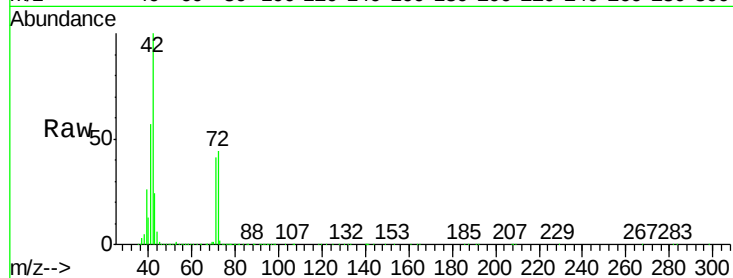
#29
Tetrahydrofuran
Concen: 231.890 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	34.2	51.4
71	41.3	32.1	48.1

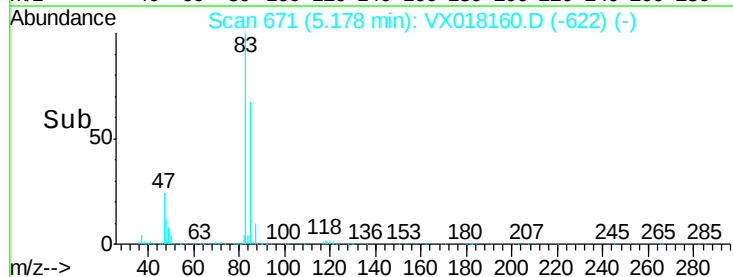
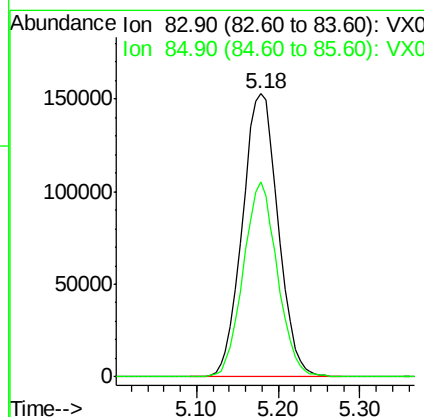
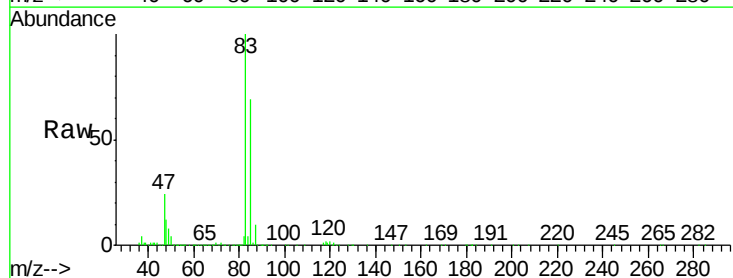
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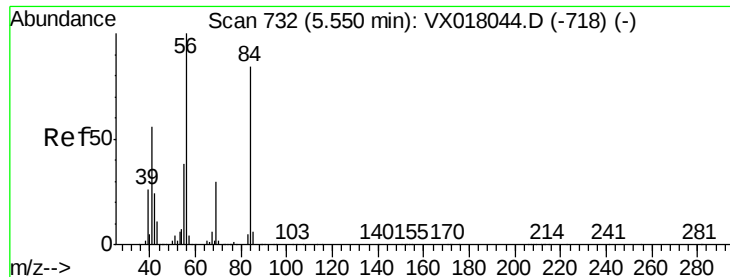
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#30
Chloroform
Concen: 50.475 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.7	50.7	76.1





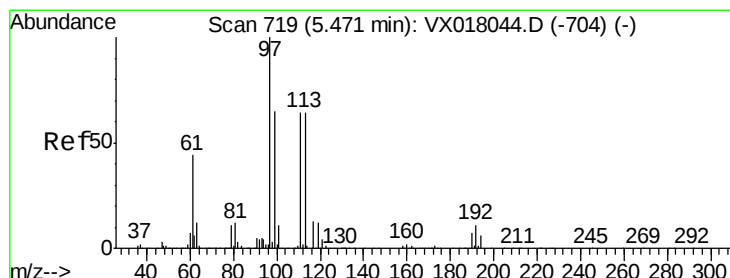
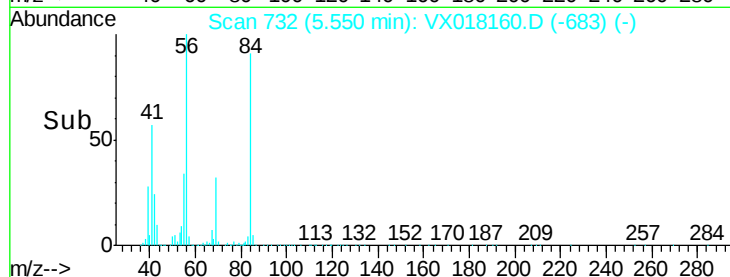
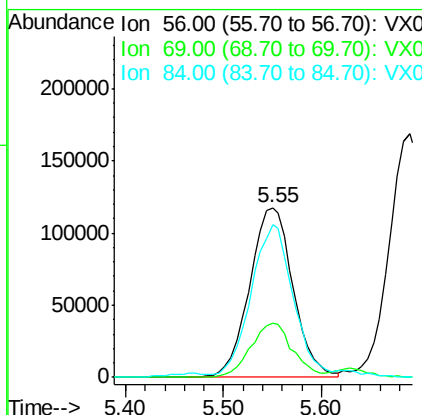
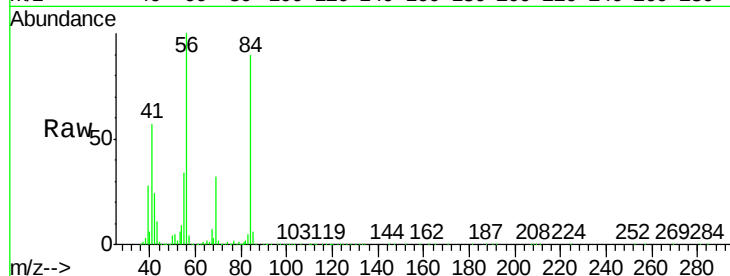
#31
Cyclohexane
Concen: 48.400 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.9	35.9
84	88.3	67.0	100.4

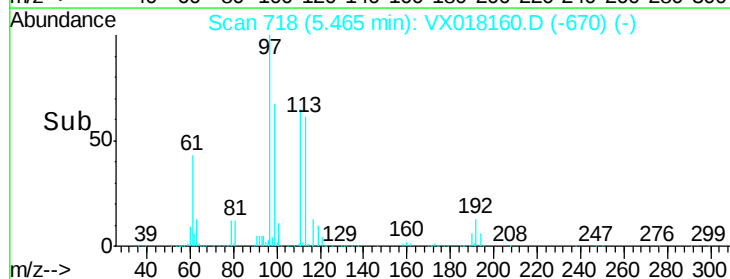
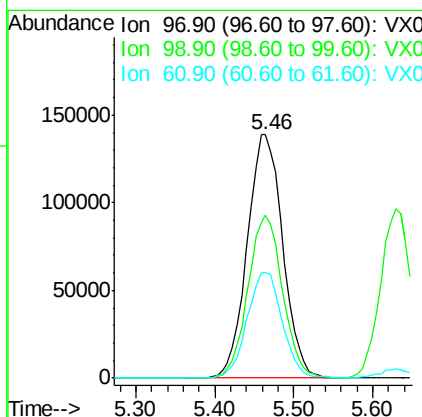
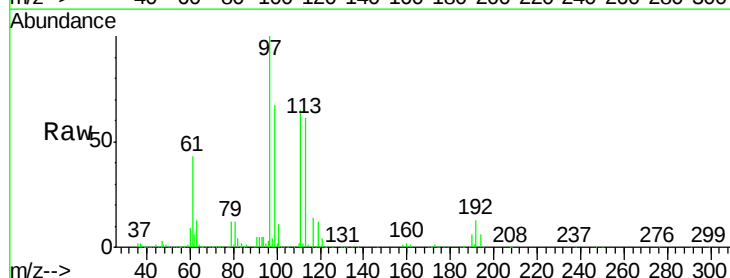
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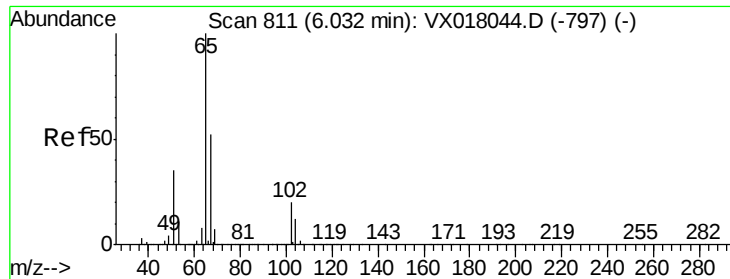
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#32
1,1,1-Trichloroethane
Concen: 51.286 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.0
61	43.1	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 50.385 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 315878

Ion Ratio Lower Upper

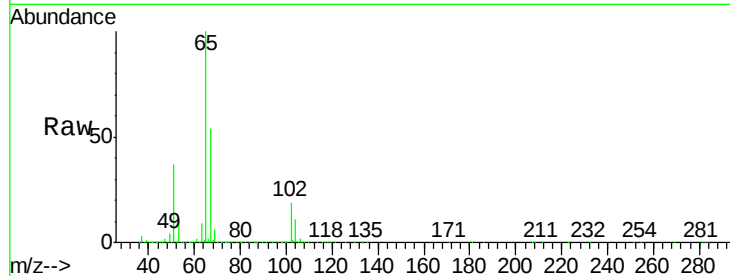
65 100

67 50.5 0.0 105.8

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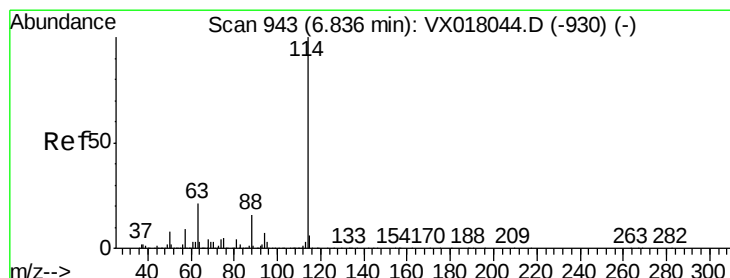
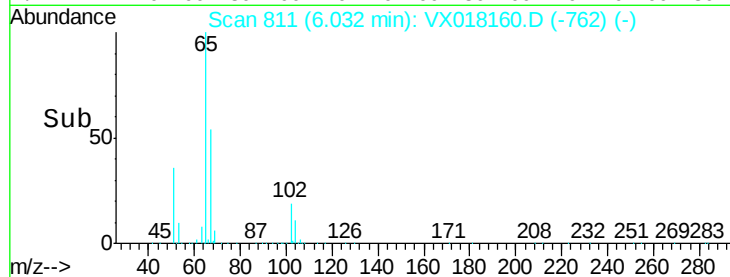
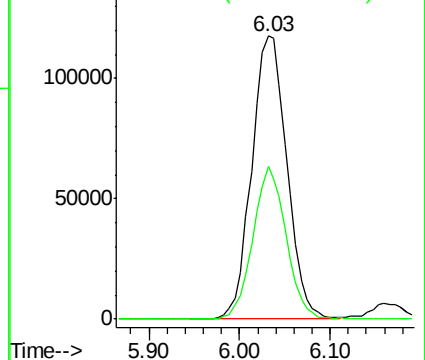
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

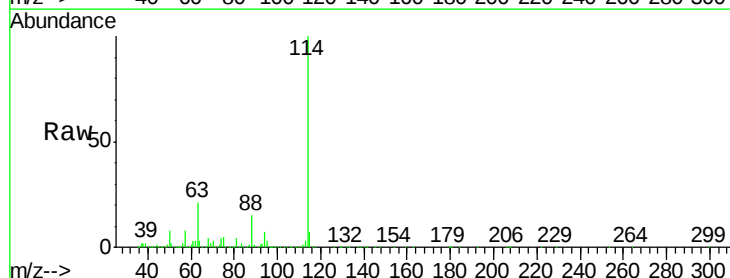
Tgt Ion: 114 Resp: 713775

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

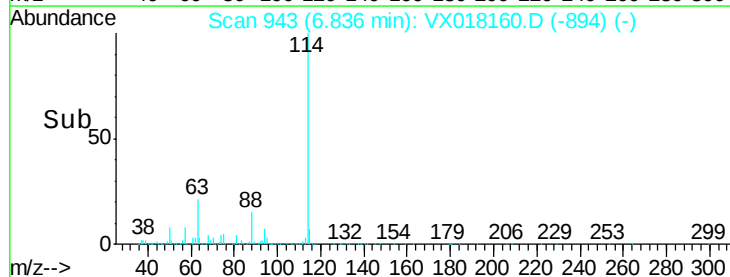
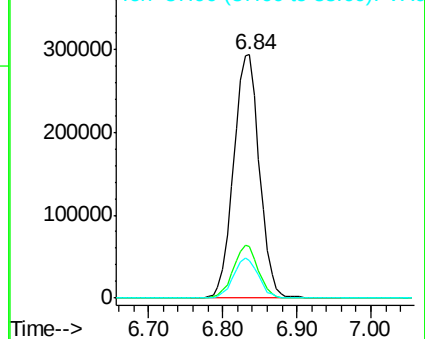
88 15.2 0.0 31.8

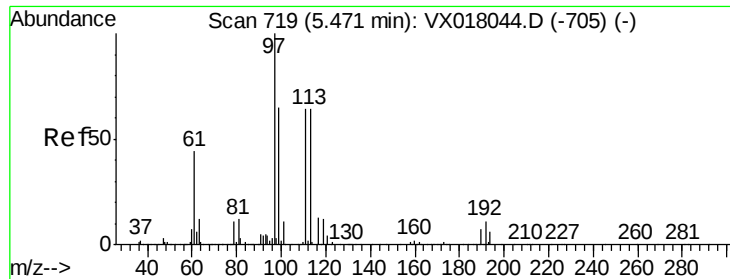


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





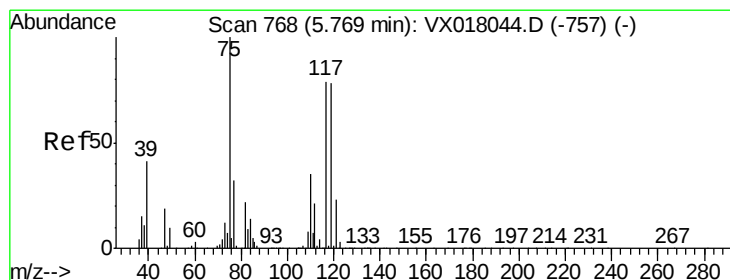
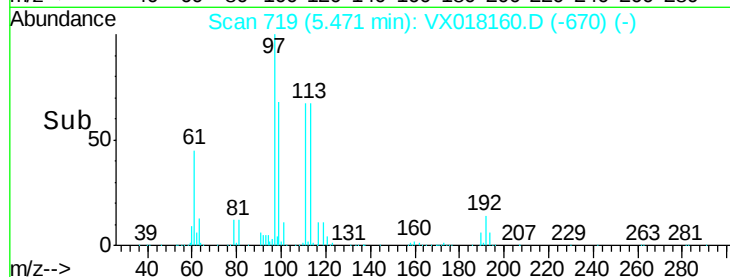
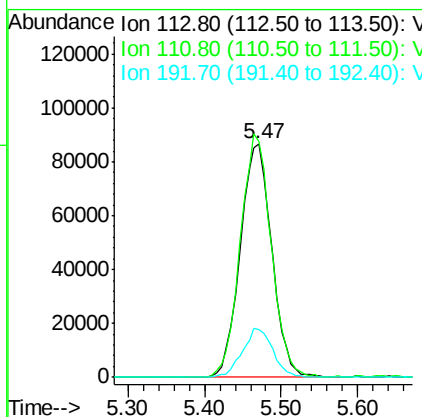
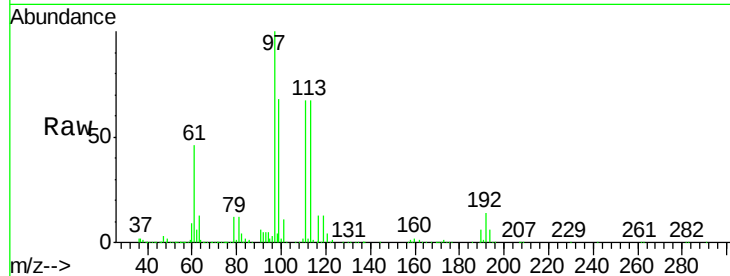
#35
Dibromofluoromethane
Concen: 51.047 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	248146		
111	102.5	81.6	122.4	
192	20.2	15.8	23.8	

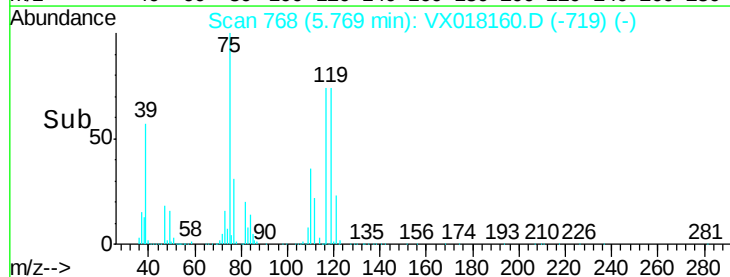
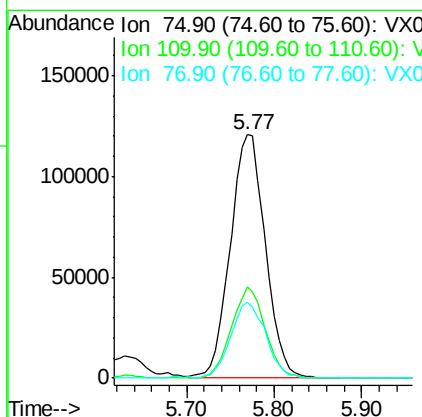
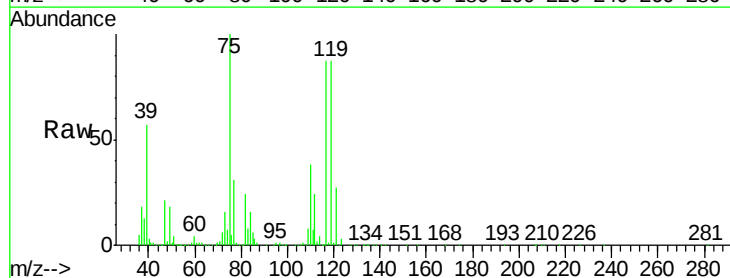
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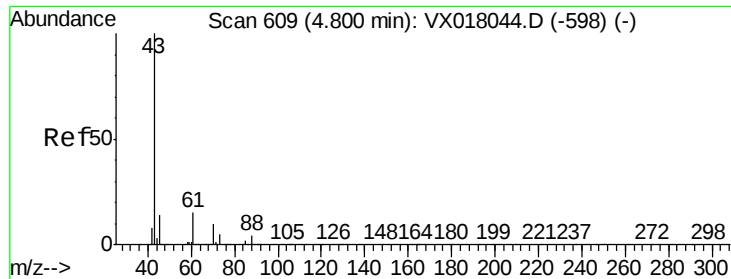
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#36
1,1-Dichloropropene
Concen: 51.090 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	336351		
110	36.0	18.0	54.0	
77	30.6	24.4	36.6	





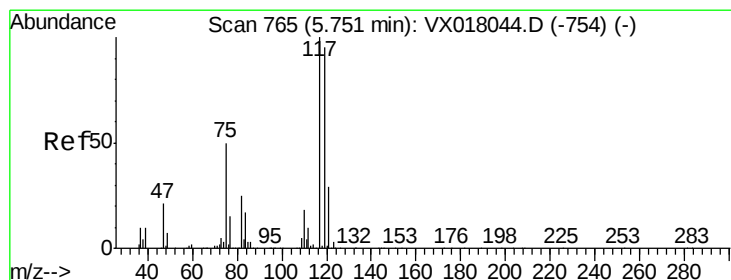
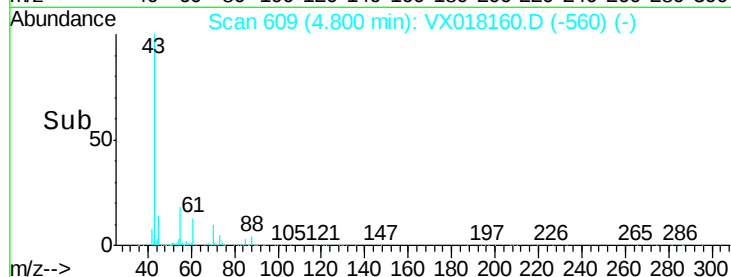
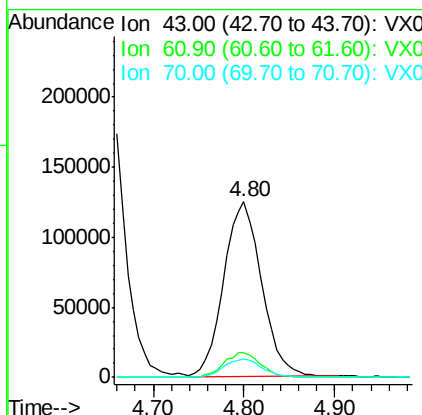
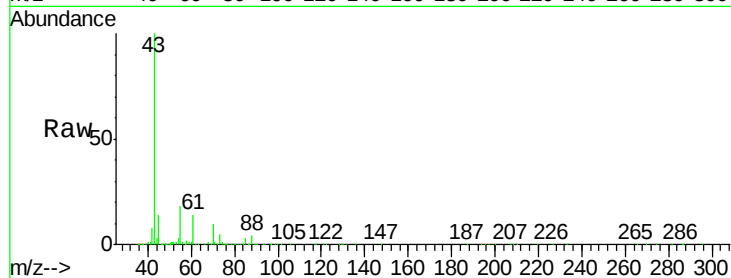
#37
Ethyl Acetate
Concen: 47.178 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	360737
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.8	8.2	12.4

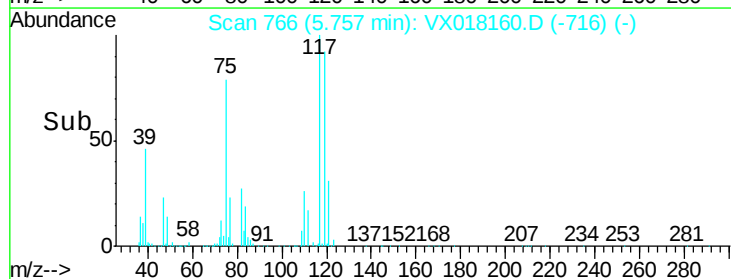
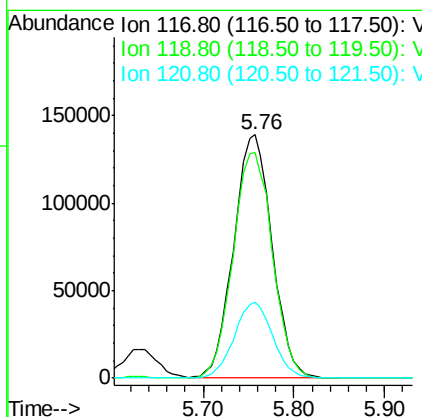
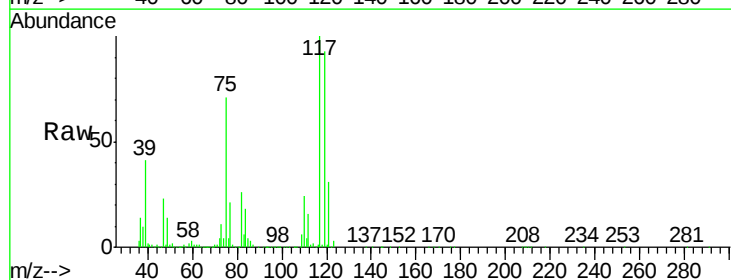
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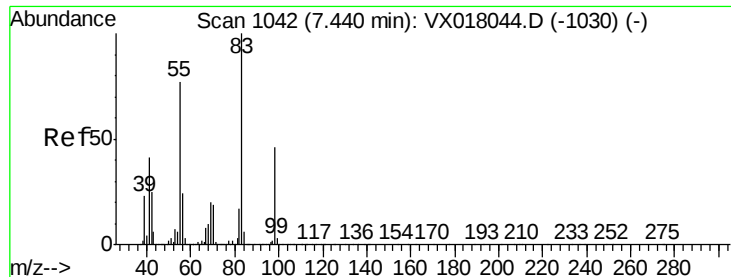
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#38
Carbon Tetrachloride
Concen: 54.937 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	117	Resp	407592
Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.8	113.6
121	31.0	23.4	35.0





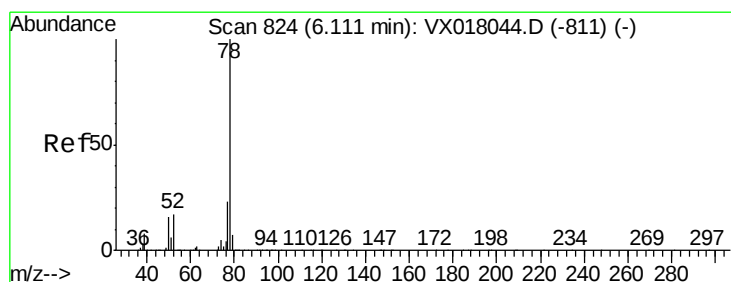
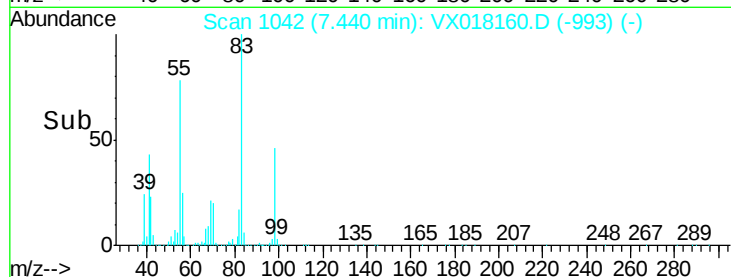
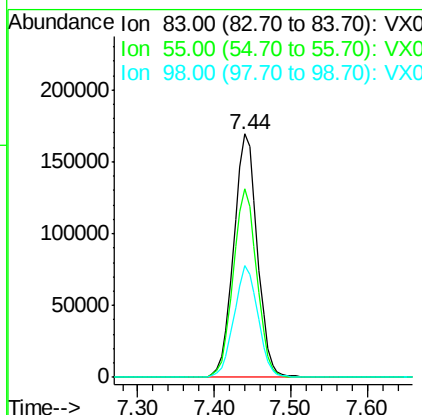
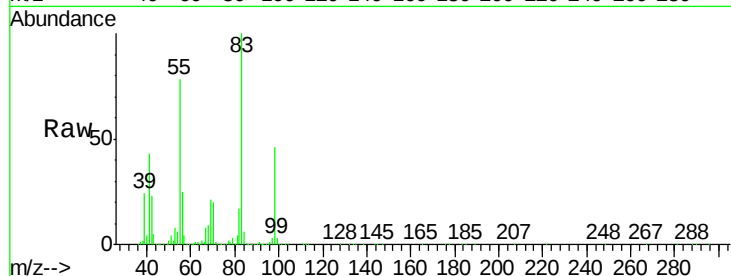
#39
Methvlcvclohexane
Concen: 50.395 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.8	92.6
98	45.8	36.6	55.0

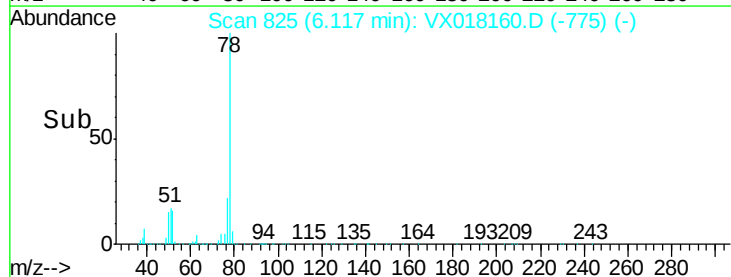
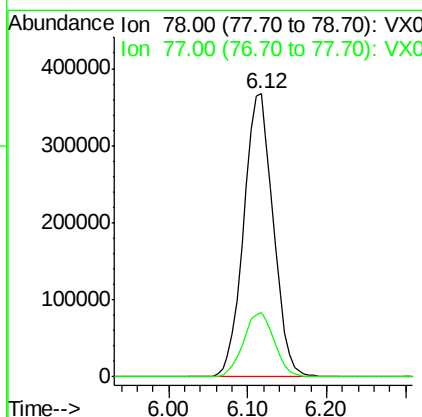
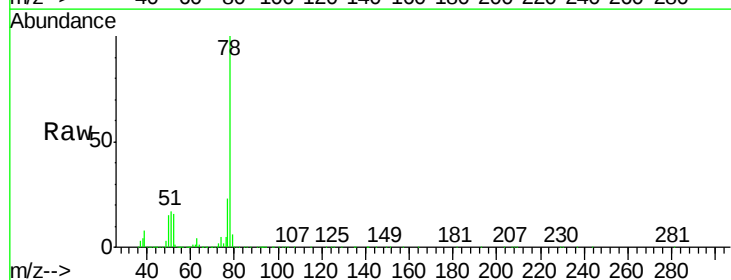
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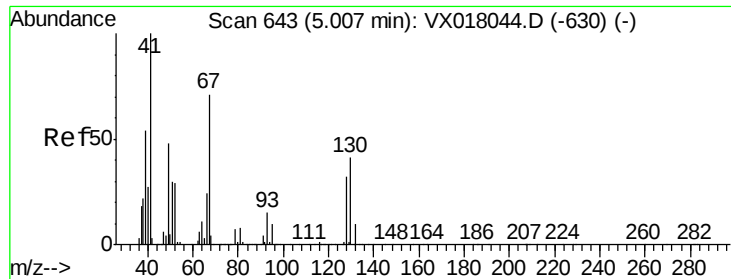
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#40
Benzene
Concen: 49.435 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2





#41

Methacrylonitrile

Concen: 48.939 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

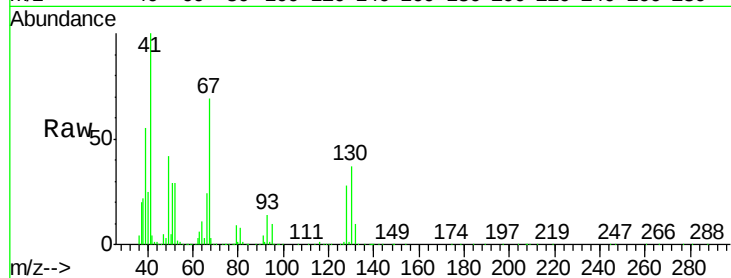
ClientSampled :

VSTDCCC050EC

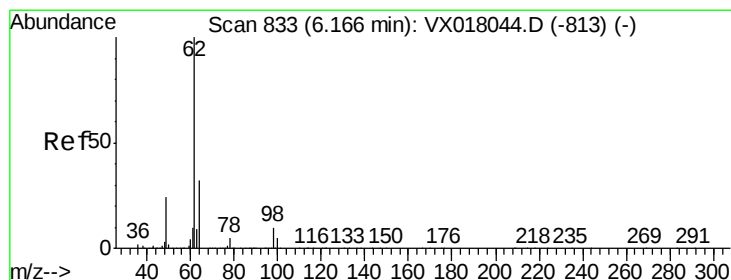
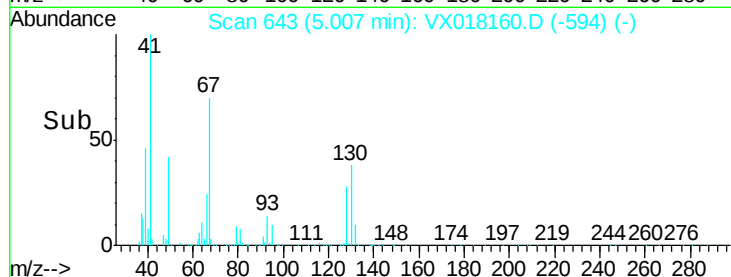
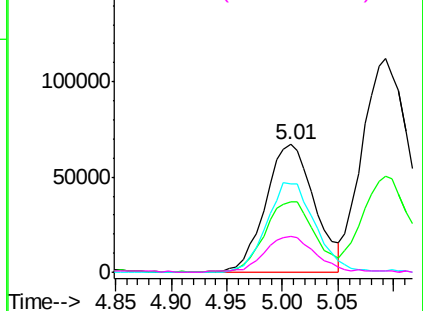
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	43.1	64.7	
67	69.1	56.0	84.0	
52	29.3	22.7	34.1	

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.244 ug/l

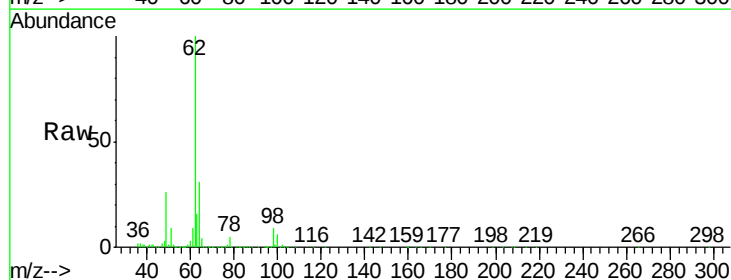
RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

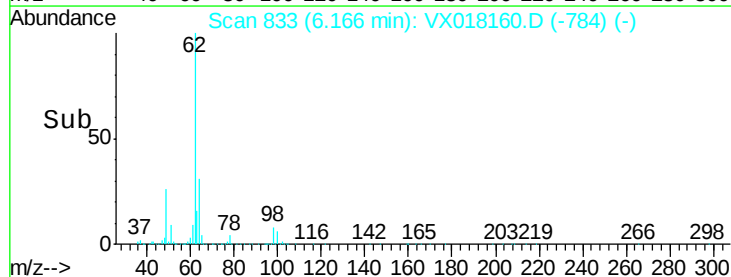
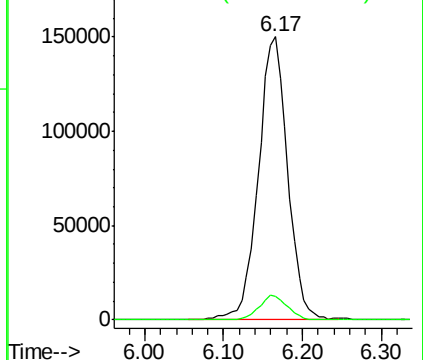
Lab File: VX018160.D

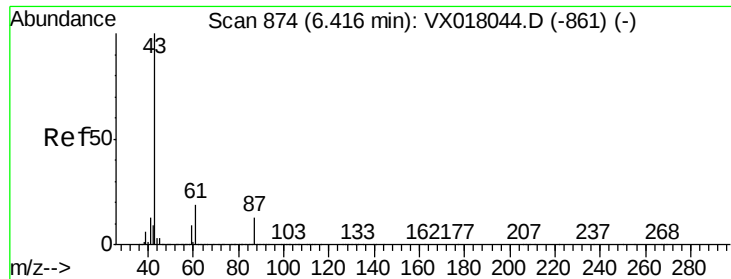
Acq: 31 Aug 2020 20:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	18.2	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

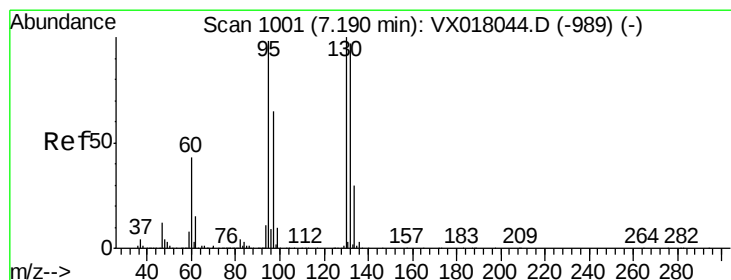
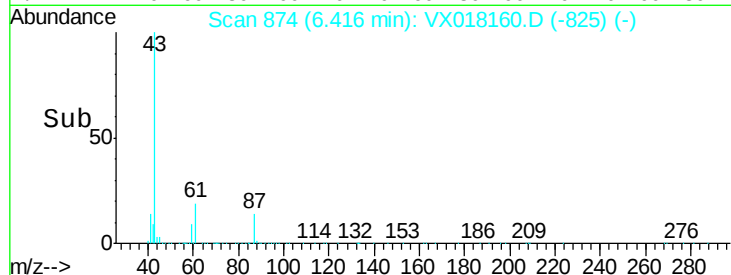
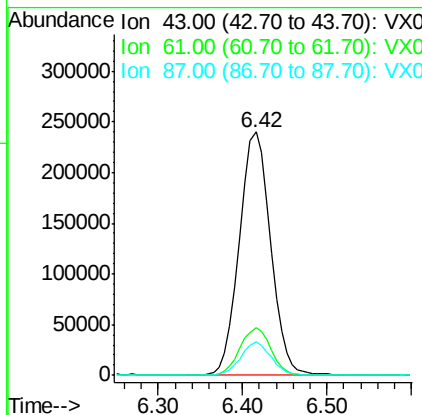
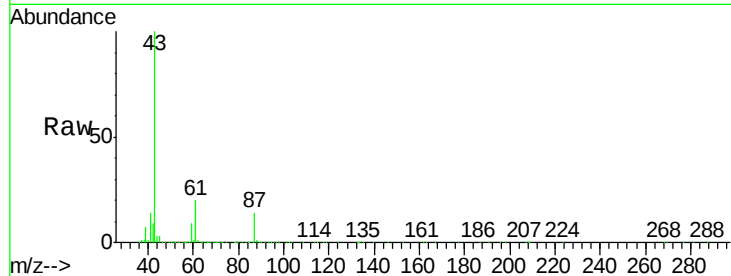
Isopropyl Acetate
 Concen: 48.388 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.7	23.5
87	13.3	10.3	15.5

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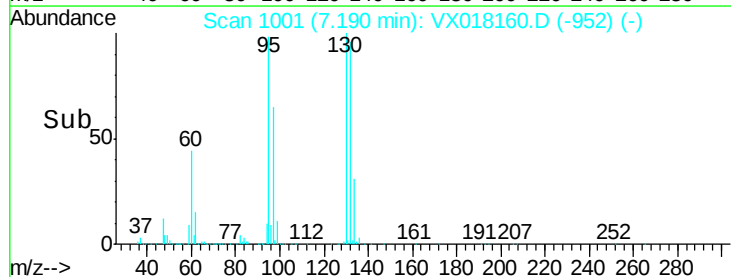
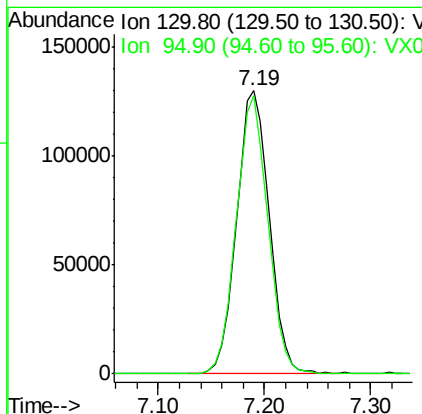
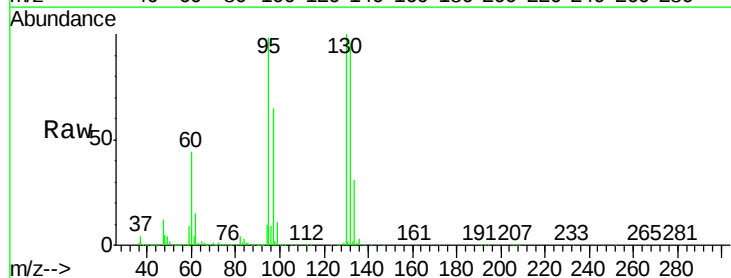
MMDadoda
 9/1/2020 9:08:46 AM

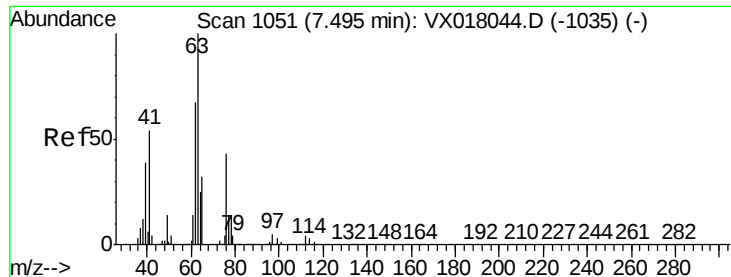


#44

Trichloroethene
 Concen: 51.022 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.4





#45

1,2-Dichloropropane

Concen: 49.098 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 255988

Ion Ratio Lower Upper

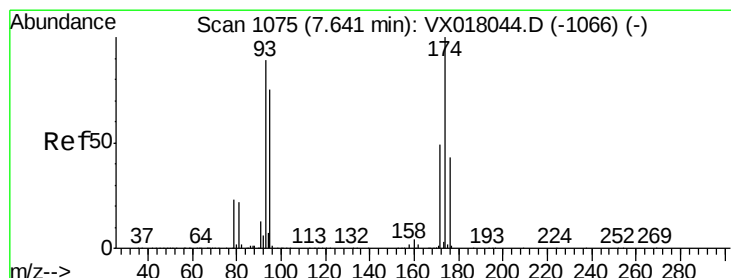
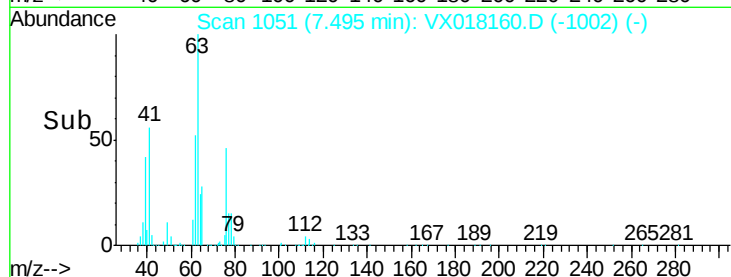
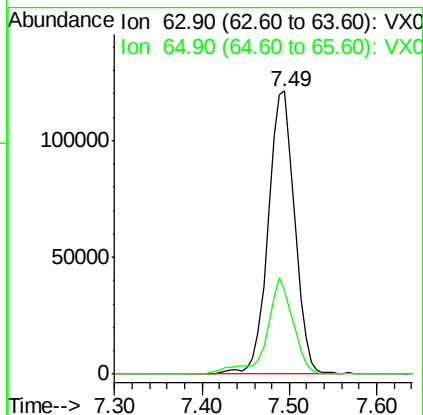
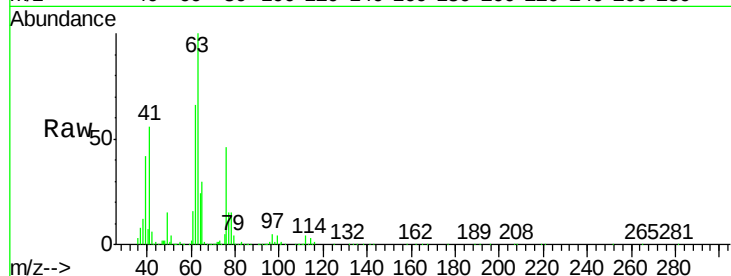
63 100

65 29.8 25.7 38.5

Manual Integrations
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#46

Dibromomethane

Concen: 50.408 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

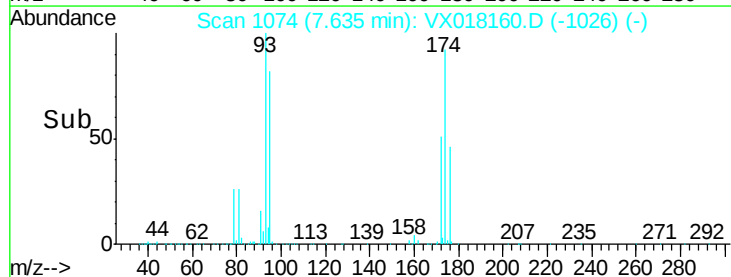
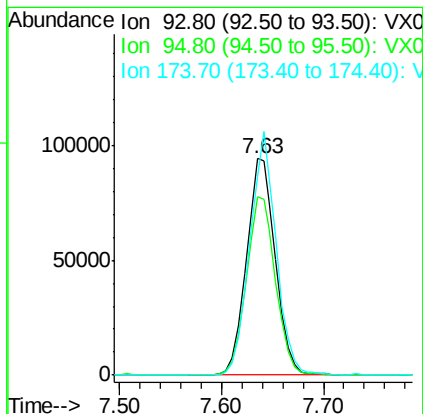
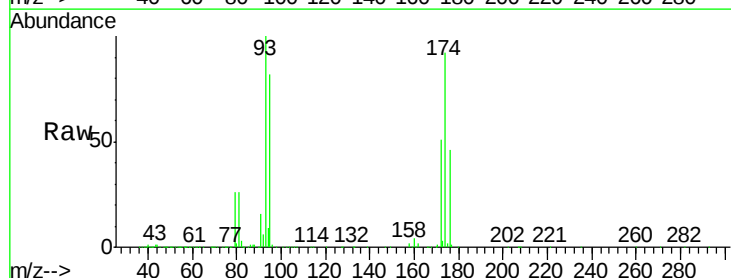
Tgt Ion: 93 Resp: 184816

Ion Ratio Lower Upper

93 100

95 83.5 67.3 100.9

174 103.2 82.2 123.2





#47

Bromodichloromethane

Concen: 52.745 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

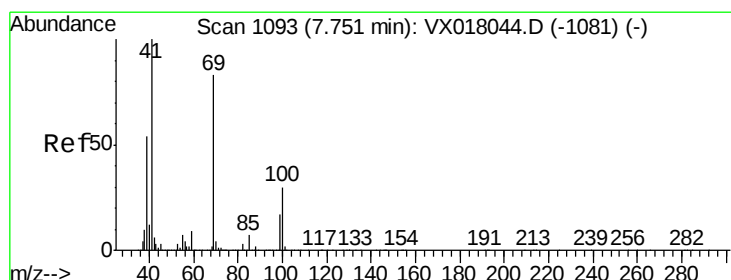
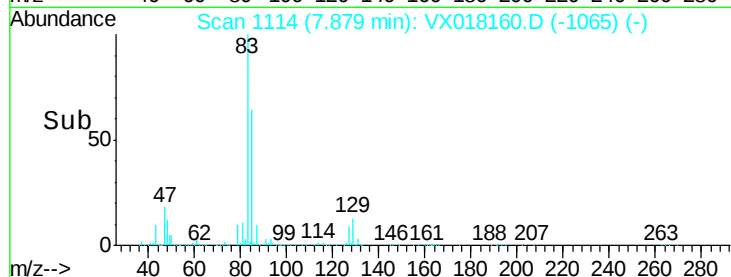
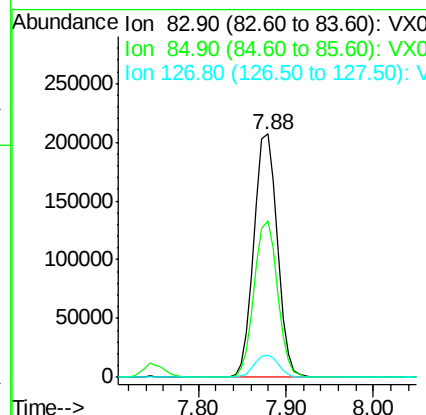
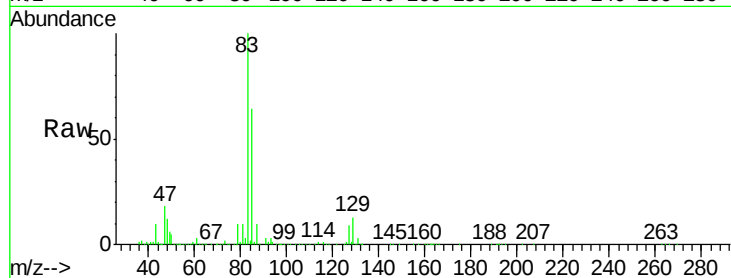
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	386127
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.8	77.6
127	9.3	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.888 ug/l

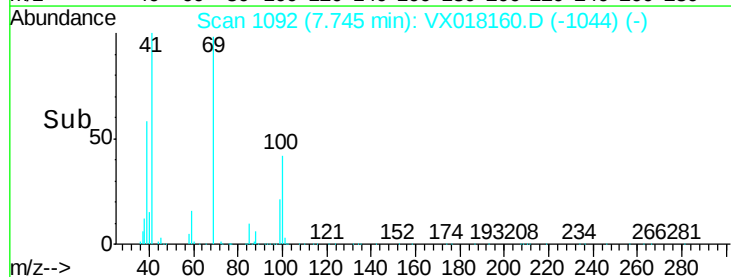
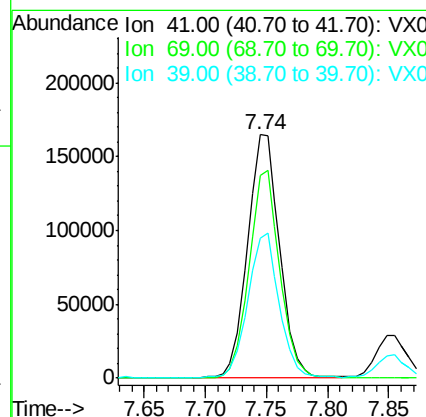
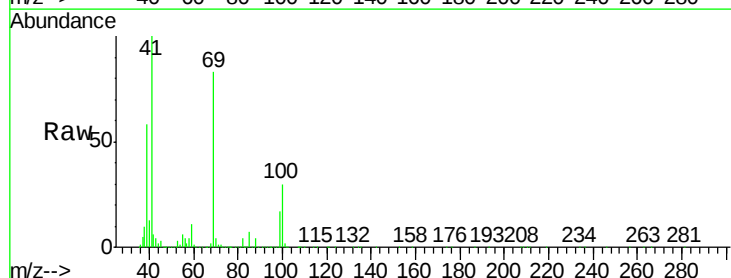
RT: 7.74 min Scan# 1092

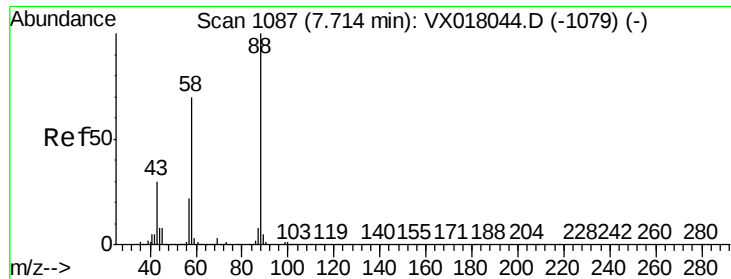
Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion:	41	Resp:	300563
Ion Ratio	Lower	Upper	
41	100		
69	82.1	65.5	98.3
39	57.6	44.5	66.7





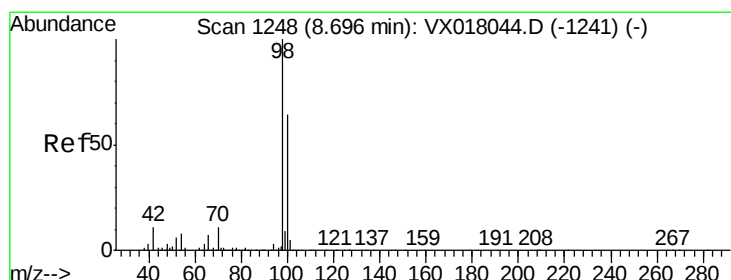
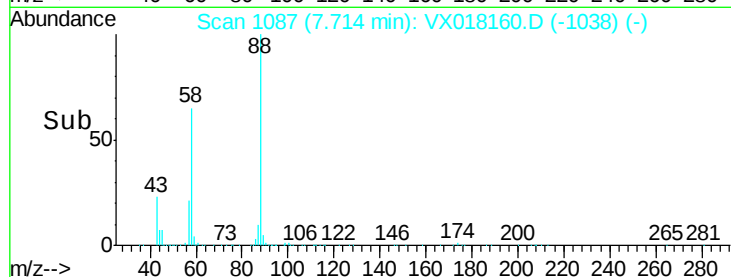
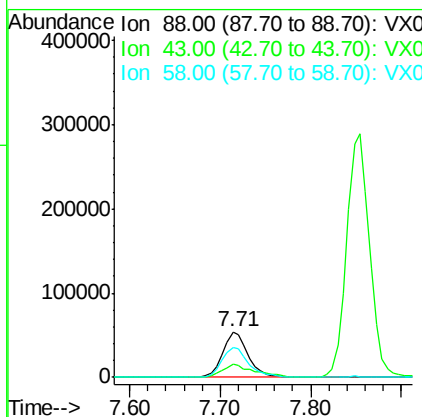
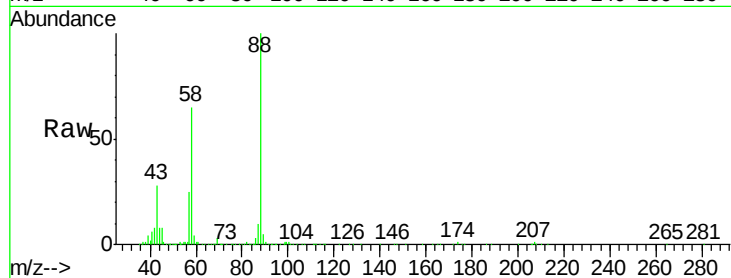
#49
1,4-Dioxane
Concen: 934.106 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.4	41.0
58	70.1	56.4	84.6

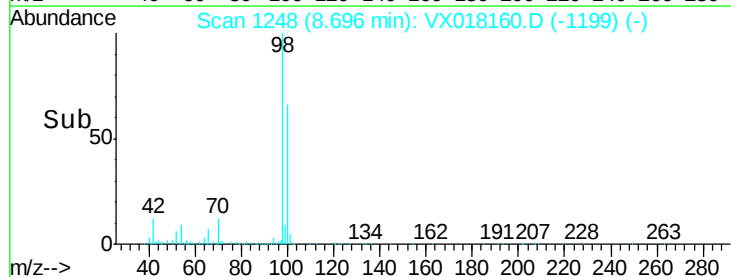
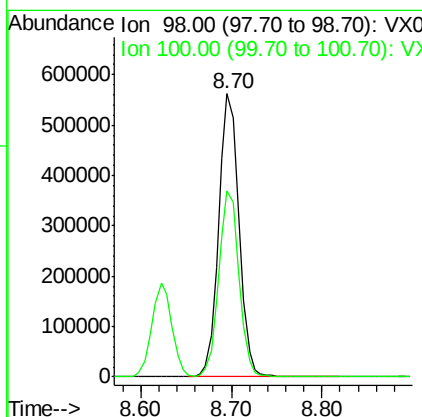
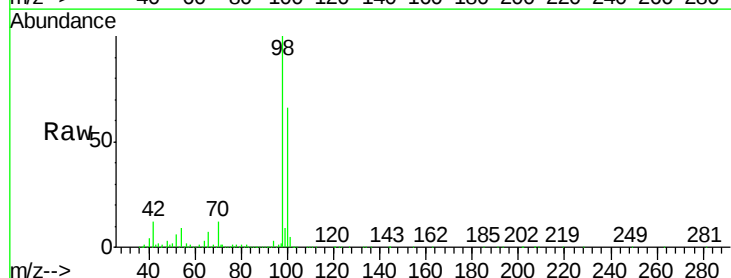
Manual Integrations
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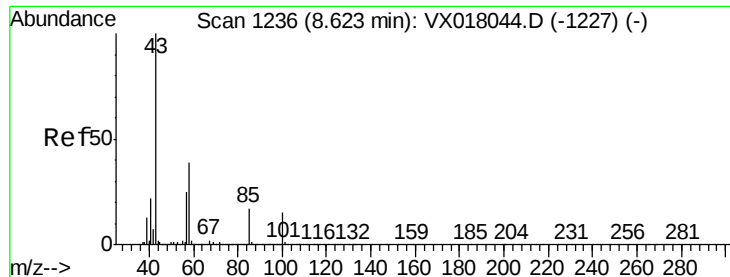
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#50
Toluene-d8
Concen: 48.478 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 248.834 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1898318

Ion Ratio Lower Upper

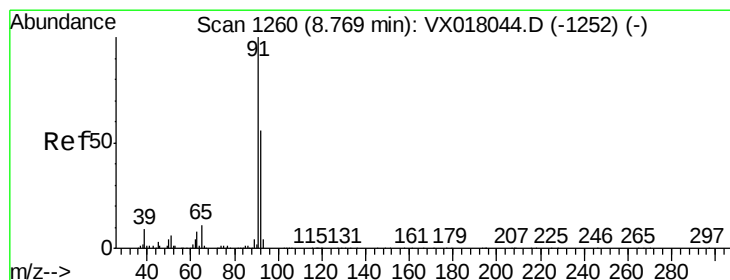
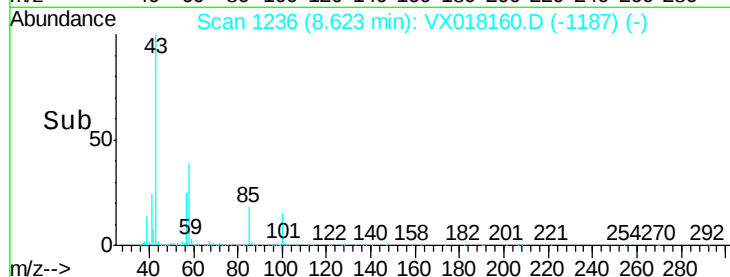
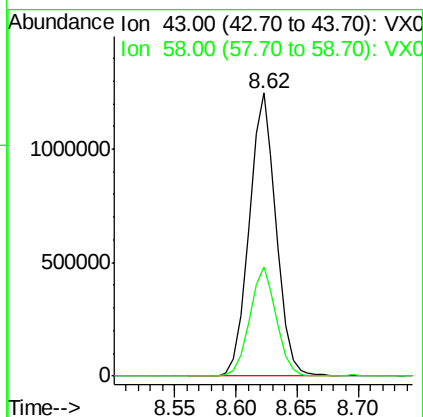
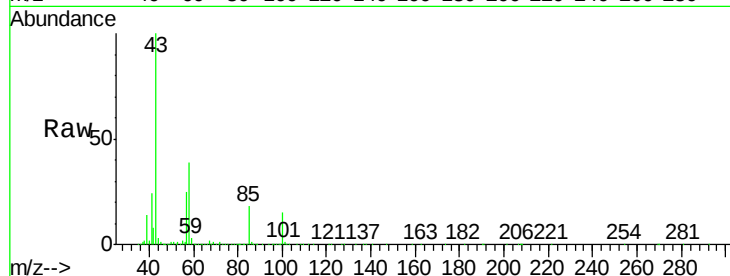
43 100

58 38.2 30.7 46.1

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#52

Toluene

Concen: 50.337 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018160.D

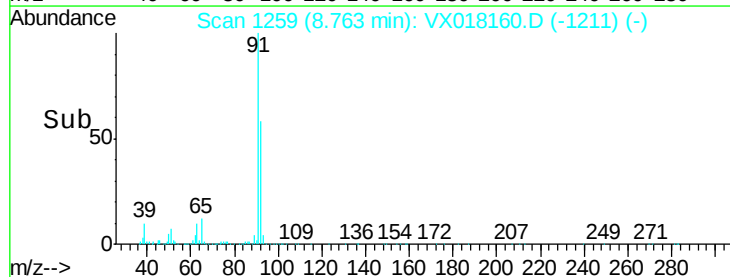
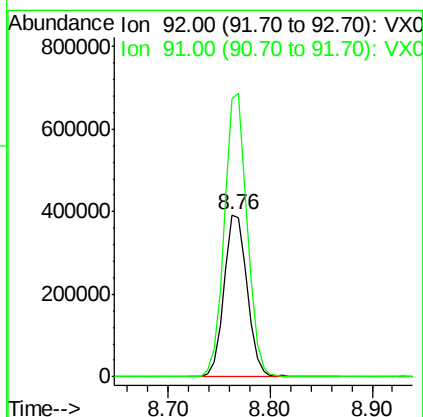
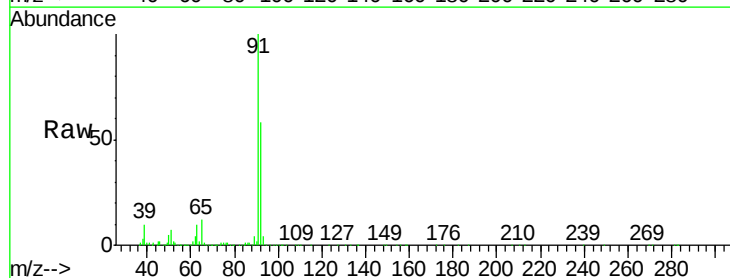
Acq: 31 Aug 2020 20:05

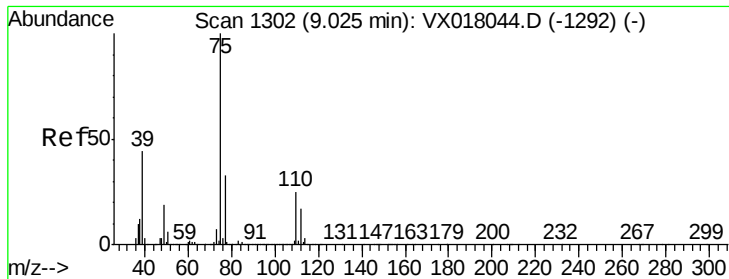
Tgt Ion: 92 Resp: 617465

Ion Ratio Lower Upper

92 100

91 171.3 140.3 210.5





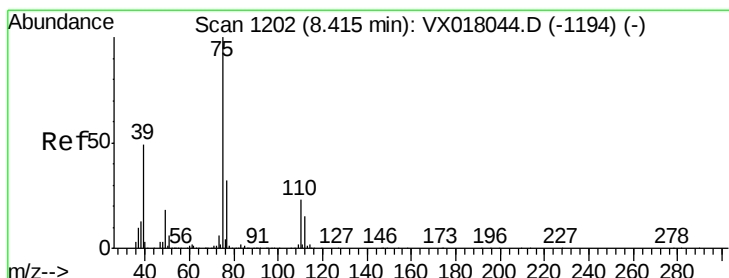
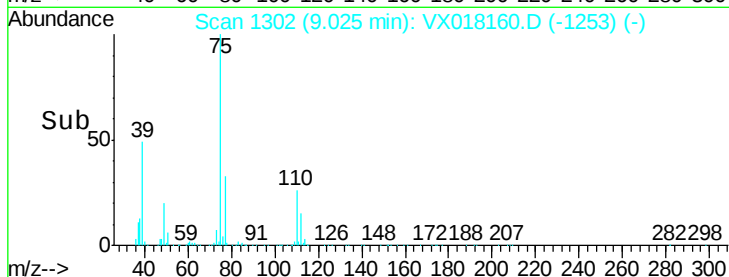
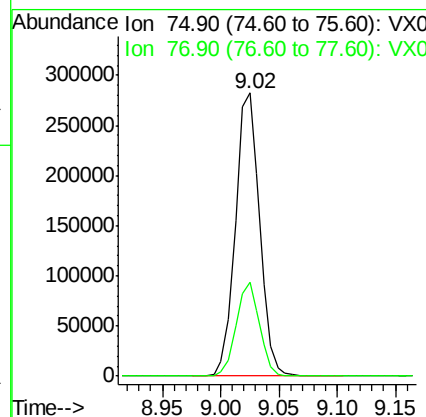
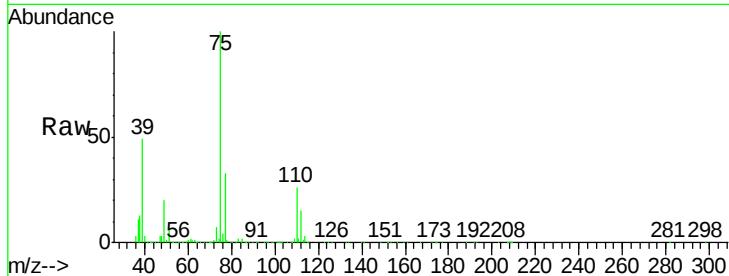
#53
t-1,3-Dichloropropene
Concen: 50.489 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.6	39.8

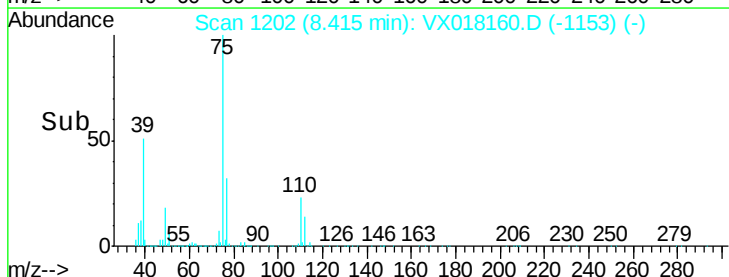
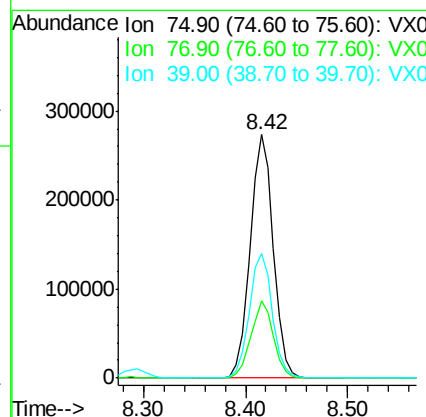
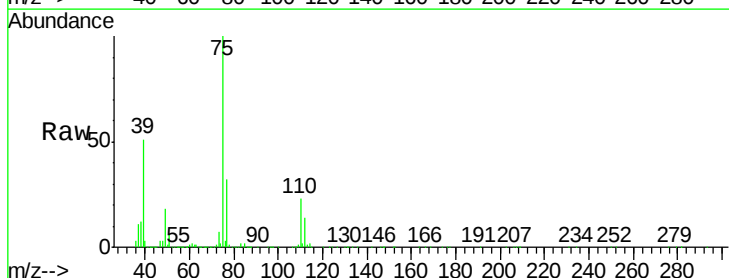
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#54
cis-1,3-Dichloropropene
Concen: 50.012 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	51.2	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 50.382 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

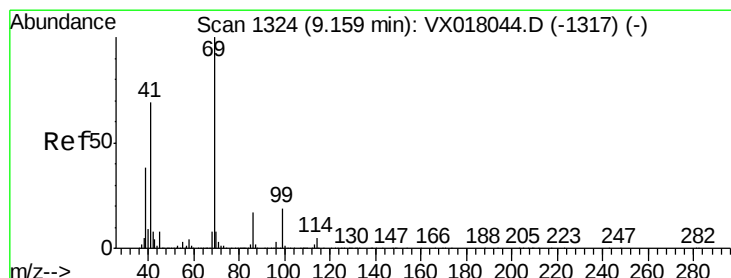
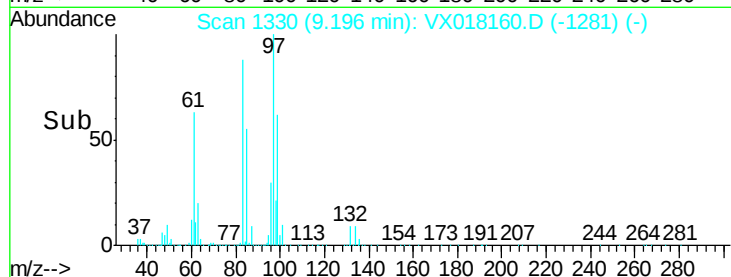
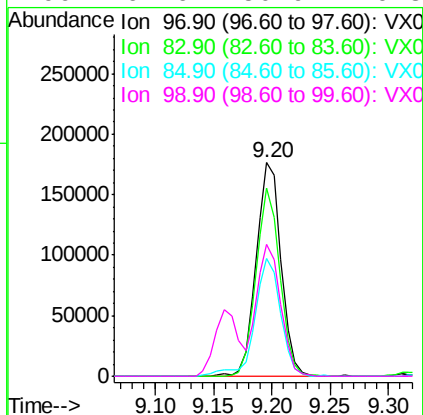
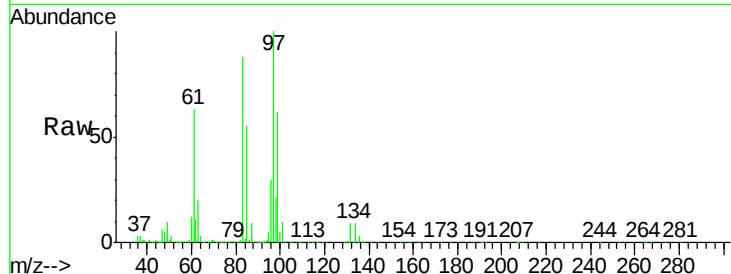
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		263578		
83	88.3	67.8	101.6		
85	55.3	45.3	67.9		
99	61.6	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 50.518 ug/l

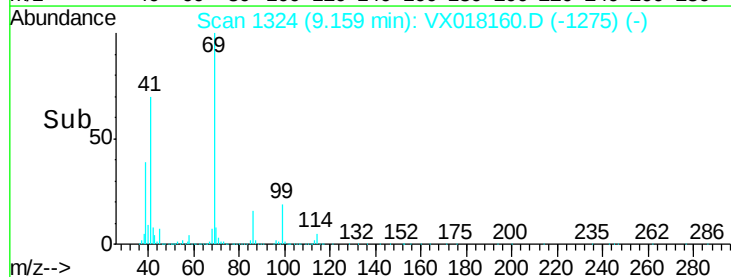
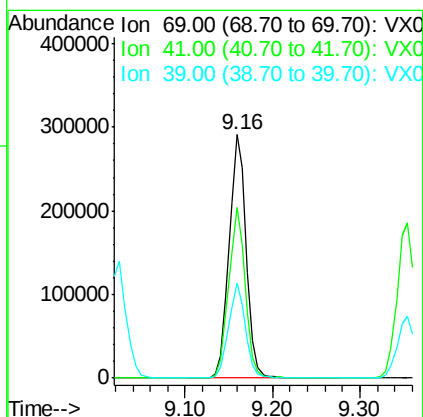
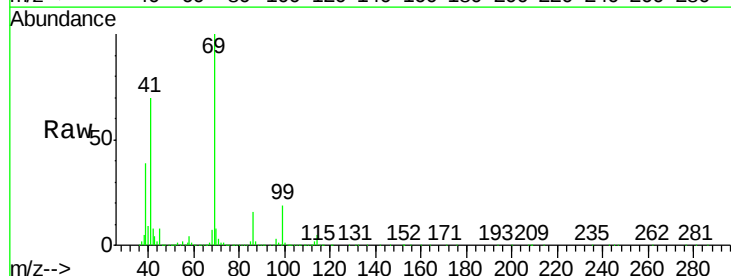
RT: 9.16 min Scan# 1324

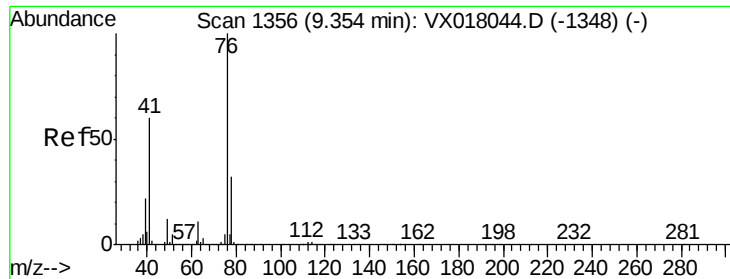
Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		392895		
41	68.4	54.6	81.8		
39	38.2	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 50.023 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 431636

Ion Ratio Lower Upper

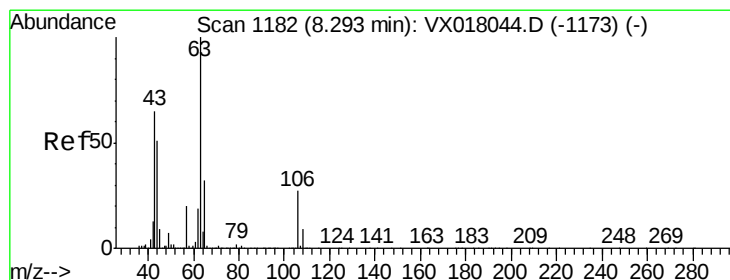
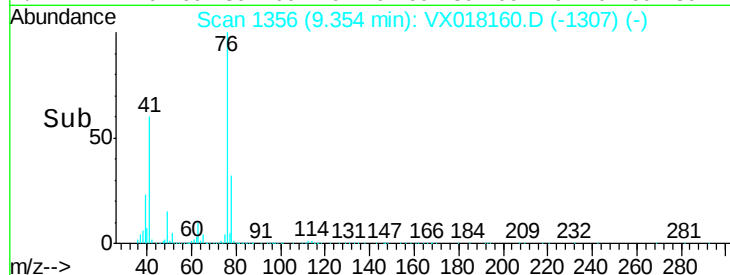
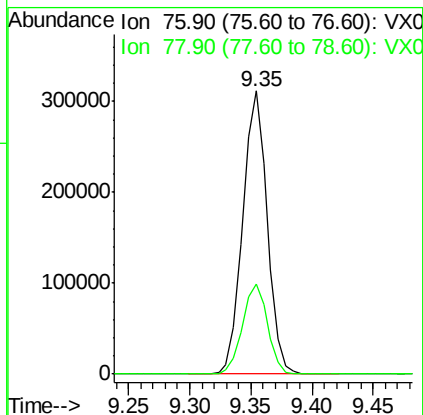
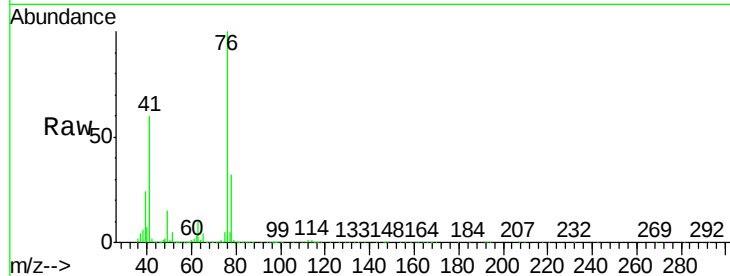
76 100

78 32.6 25.8 38.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 218.706 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018160.D

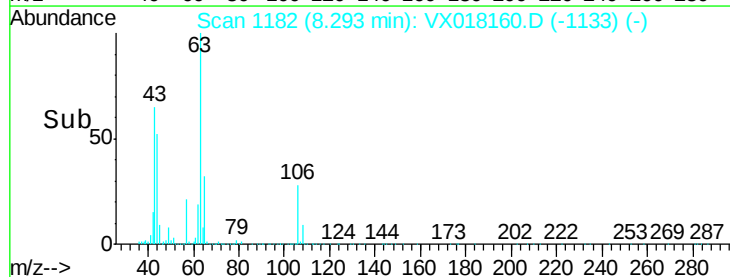
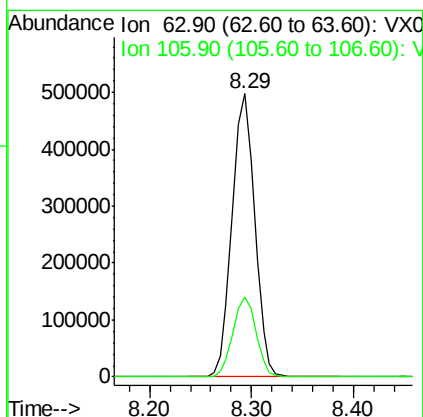
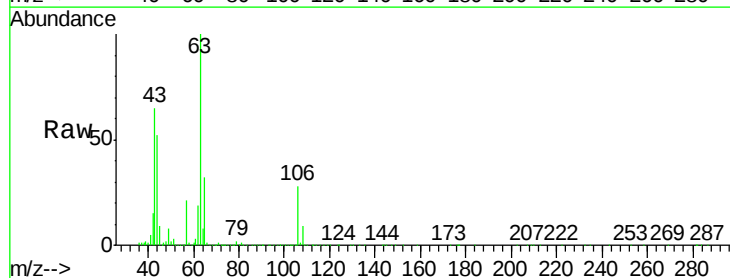
Acq: 31 Aug 2020 20:05

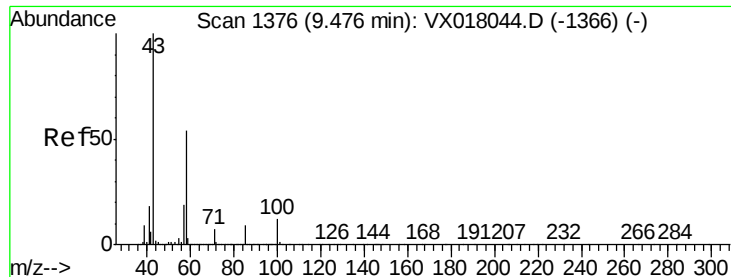
Tgt Ion: 63 Resp: 765162

Ion Ratio Lower Upper

63 100

106 28.6 22.1 33.1





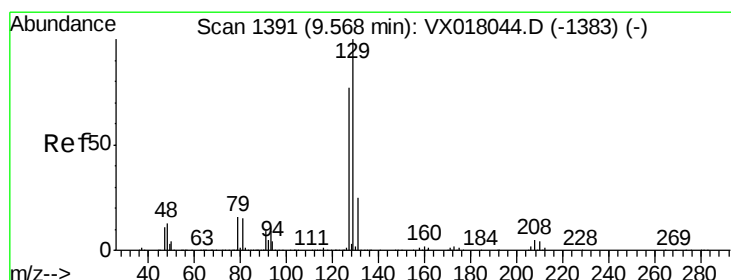
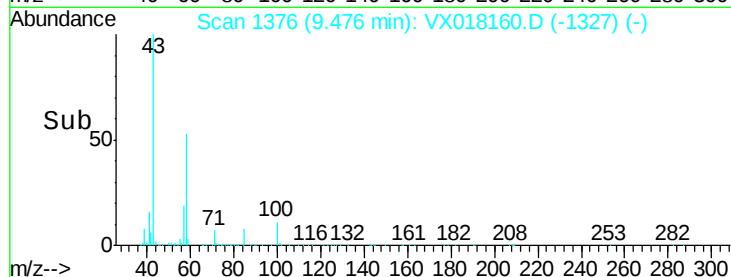
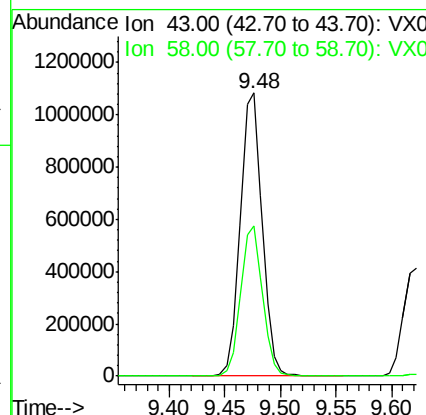
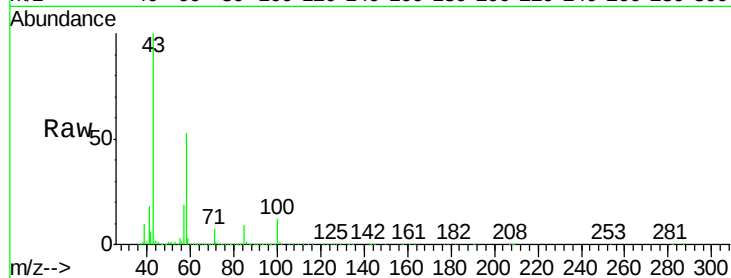
#59
2-Hexanone
Concen: 253.642 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1471342
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.7

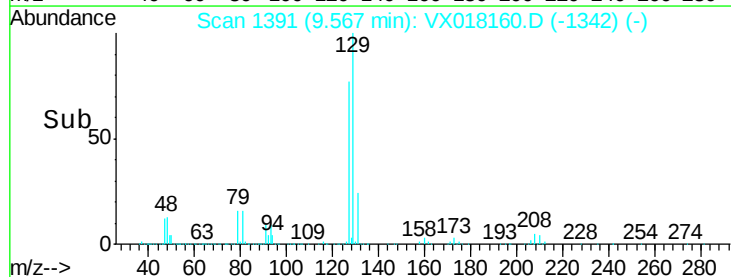
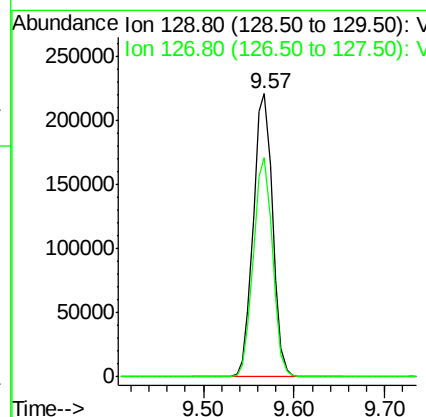
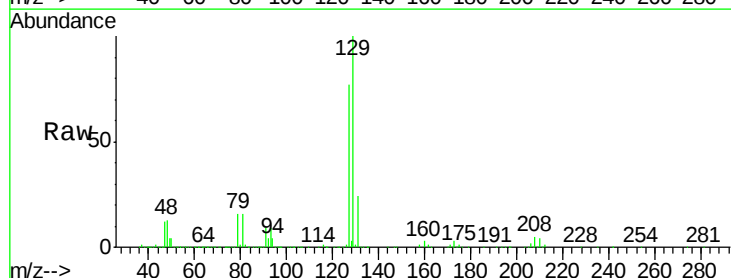
Manual Integrations
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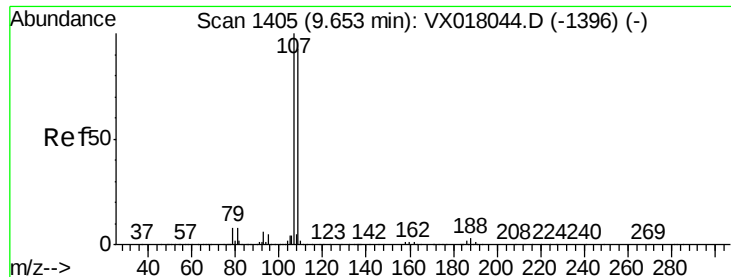
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#60
Dibromochloromethane
Concen: 53.292 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion: 129 Resp: 327057
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.277 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 285561

Ion Ratio Lower Upper

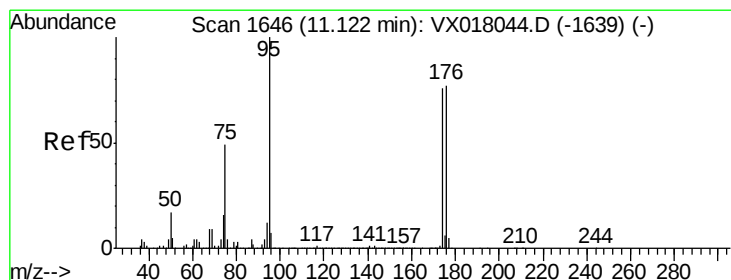
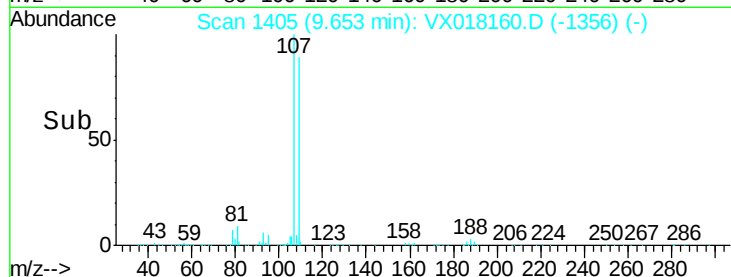
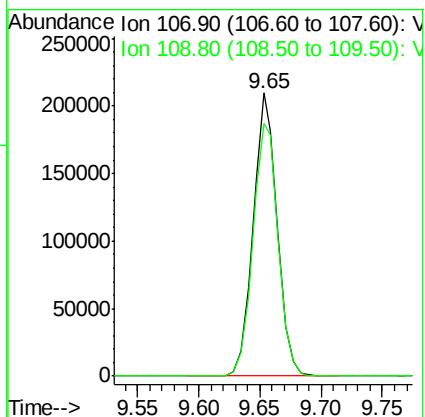
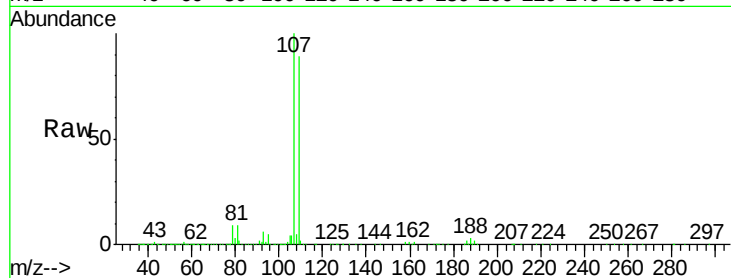
107 100

109 94.4 75.9 113.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.794 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

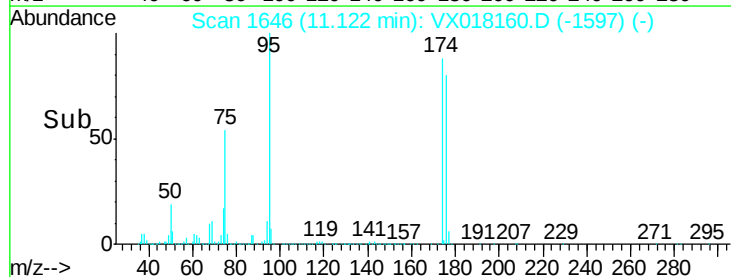
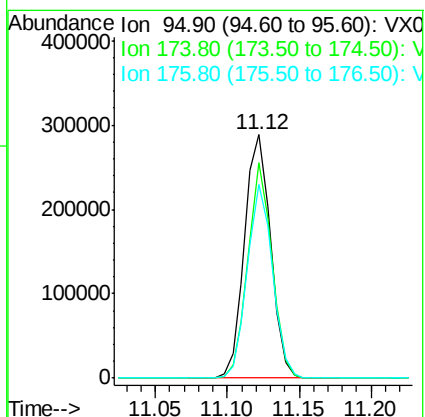
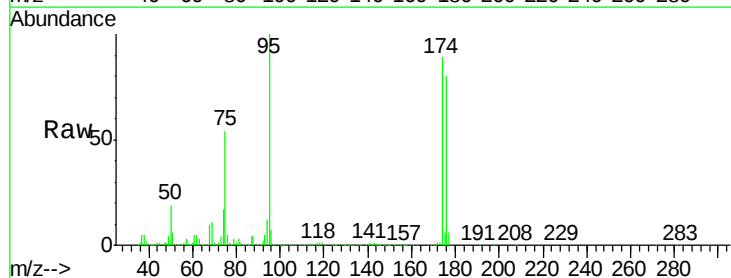
Tgt Ion: 95 Resp: 361831

Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.2

176 76.9 0.0 155.8





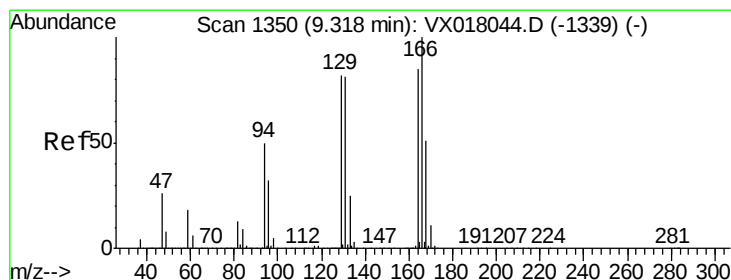
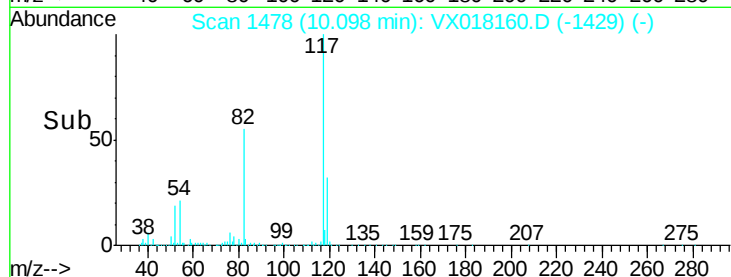
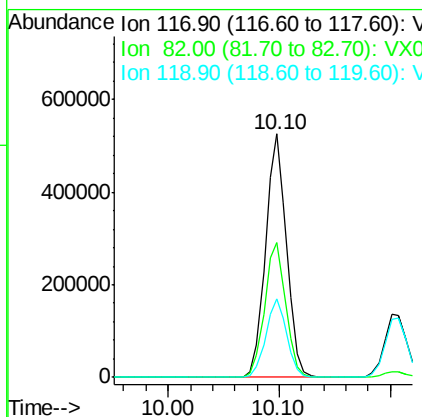
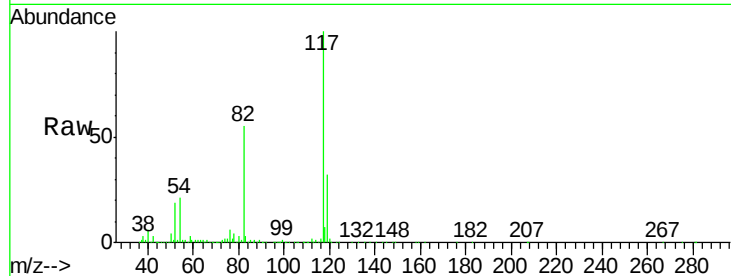
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.2	66.2
119	32.2	25.7	38.5

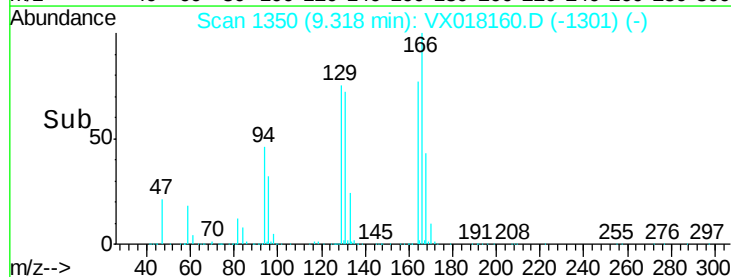
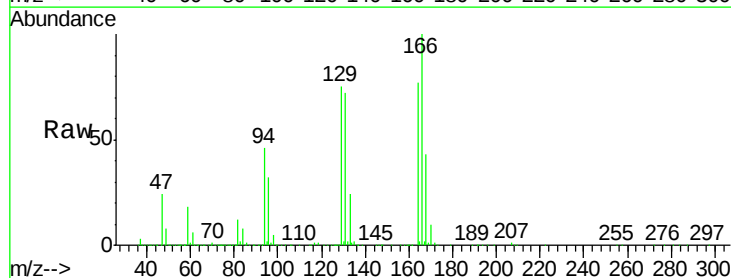
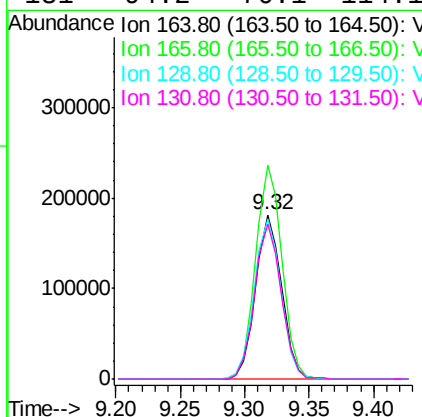
Manual Integrations
APPROVED

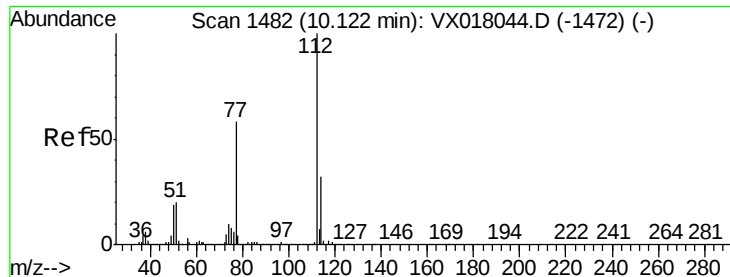
MMDadoda
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#64
Tetrachloroethene
Concen: 49.630 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	94.2	141.2
129	97.3	76.9	115.3
131	94.2	76.1	114.1





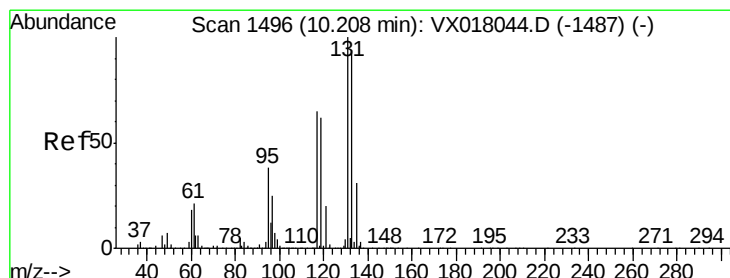
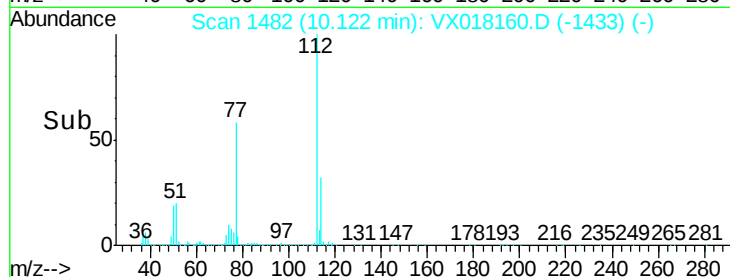
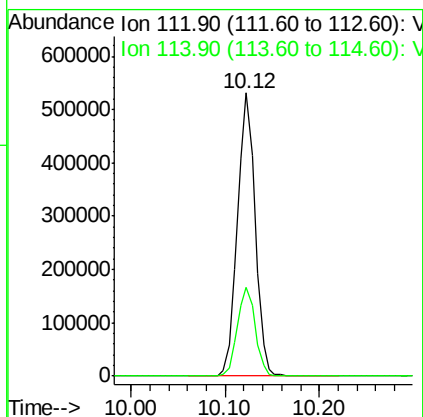
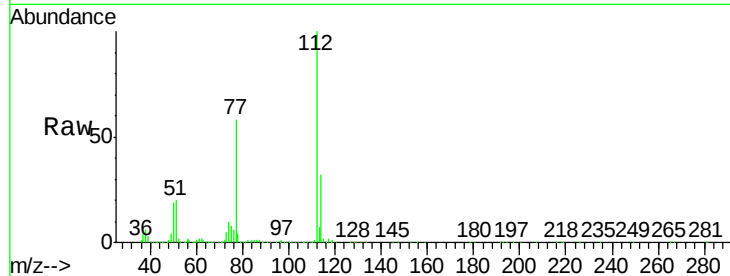
#65
Chlorobenzene
Concen: 50.383 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5

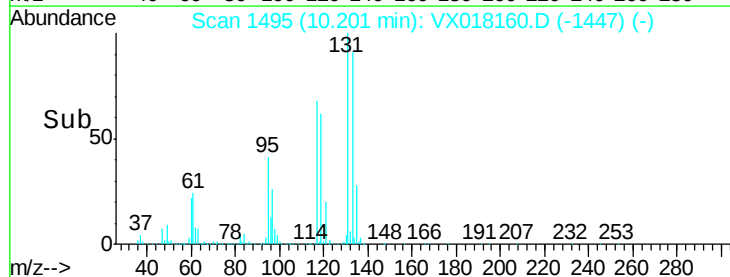
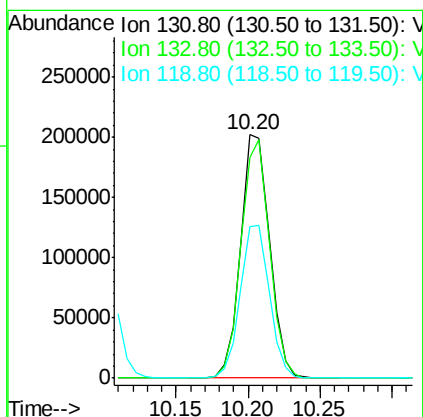
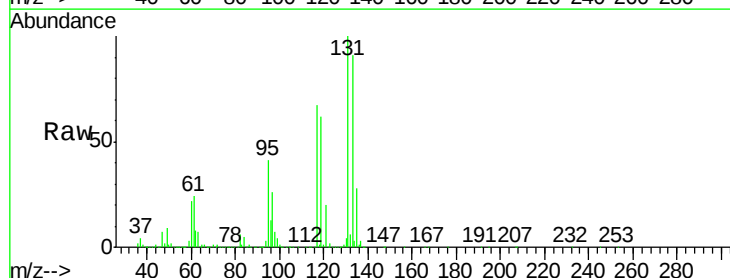
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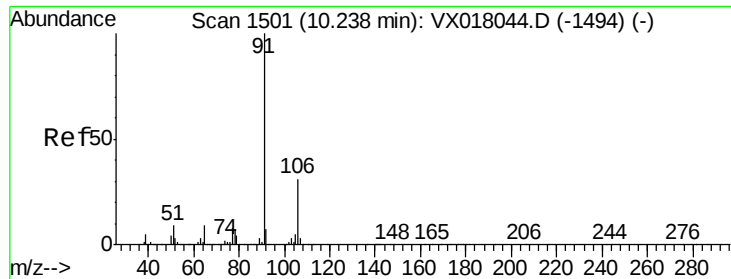
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.752 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	46.7	140.1
119	63.4	31.8	95.4





#67

Ethyl Benzene

Concen: 51.829 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1217730

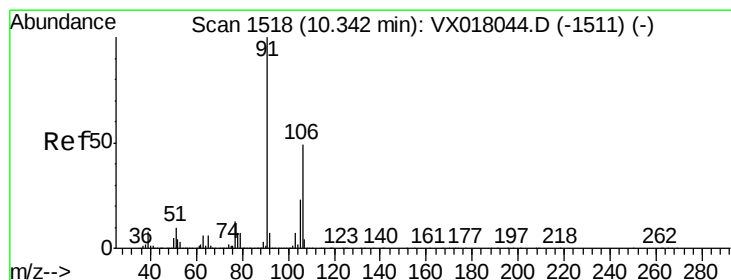
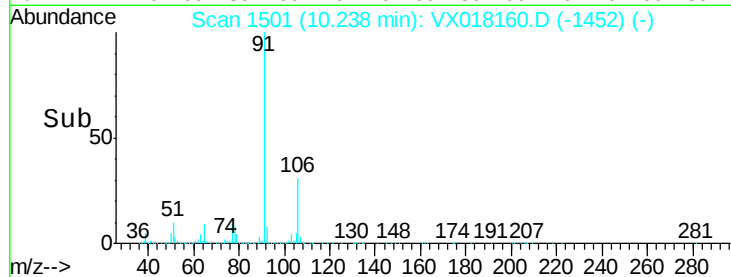
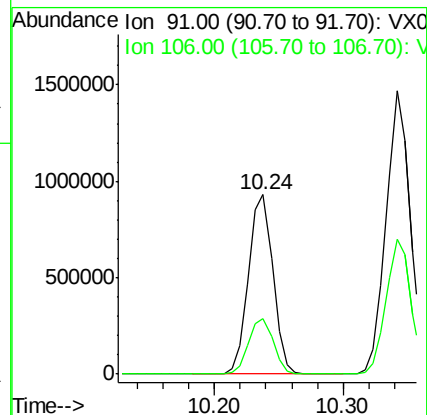
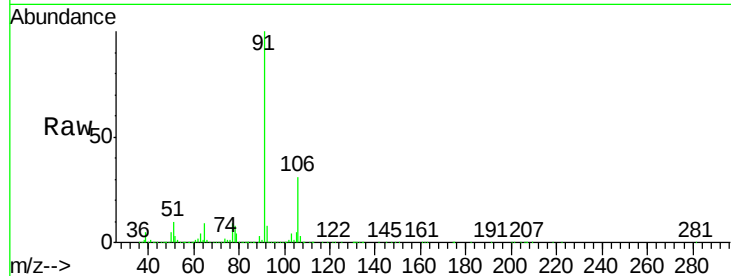
Ion Ratio Lower Upper

91 100

106 30.7 24.9 37.3

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#68

m/p-Xylenes

Concen: 106.431 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018160.D

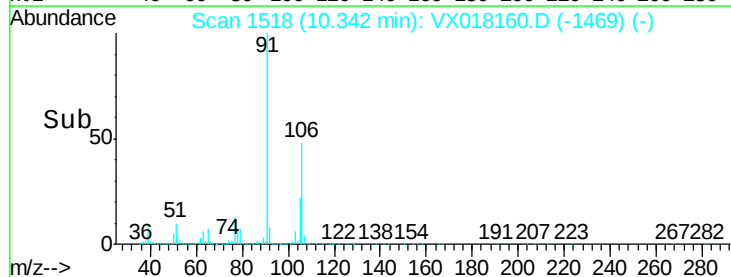
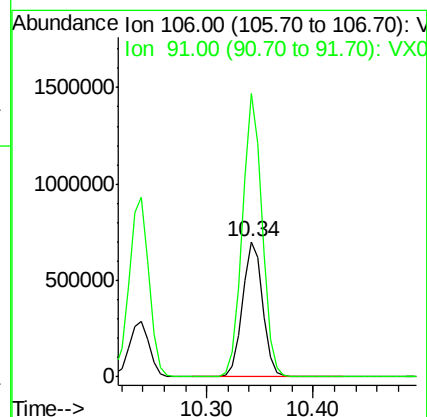
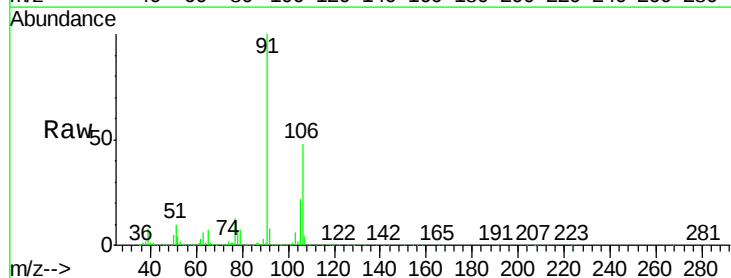
Acq: 31 Aug 2020 20:05

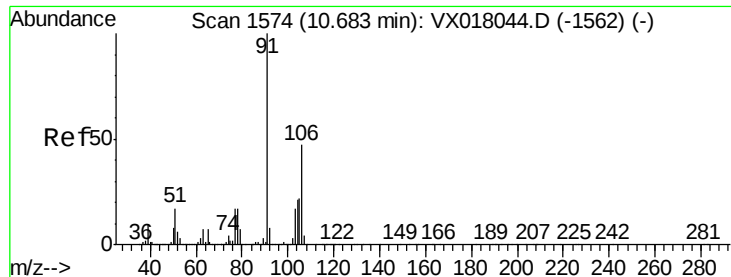
Tgt Ion: 106 Resp: 933342

Ion Ratio Lower Upper

106 100

91 204.9 162.2 243.2





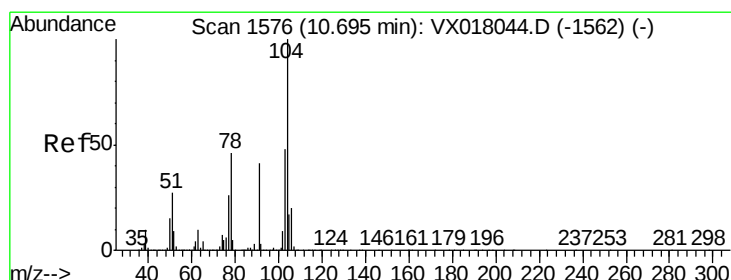
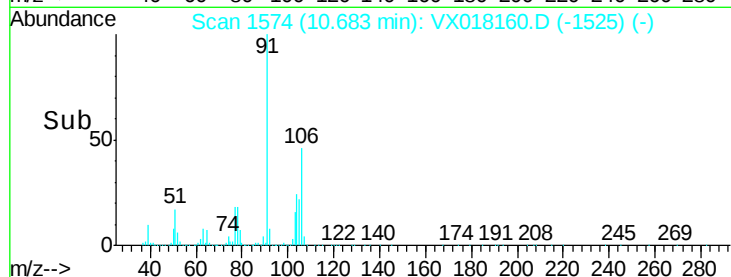
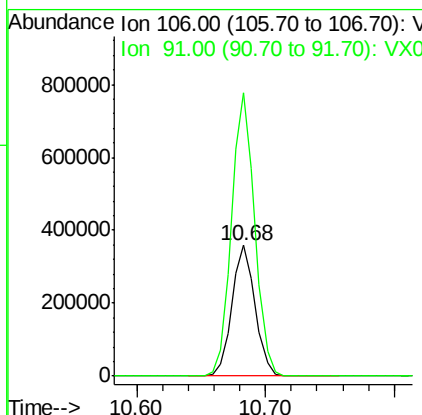
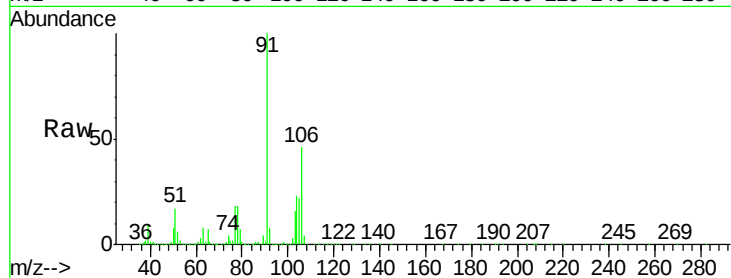
#69
o-Xylene
Concen: 52.824 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.5	107.1	321.3

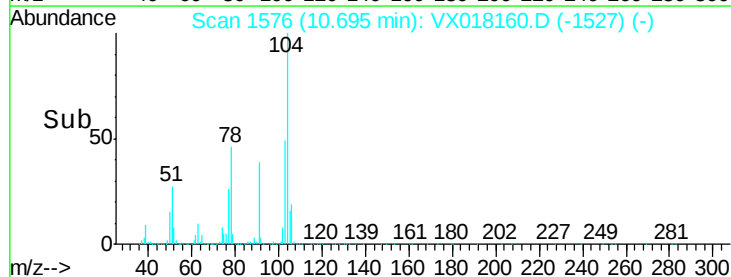
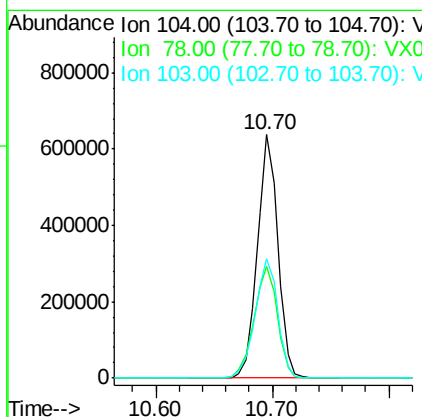
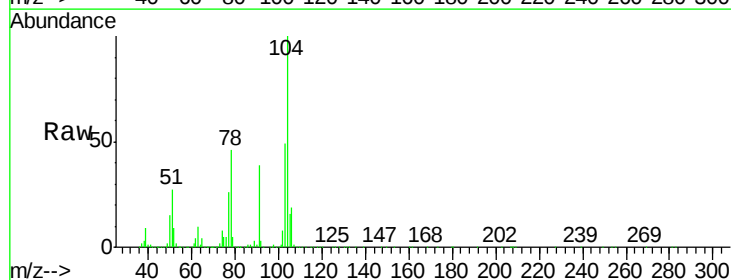
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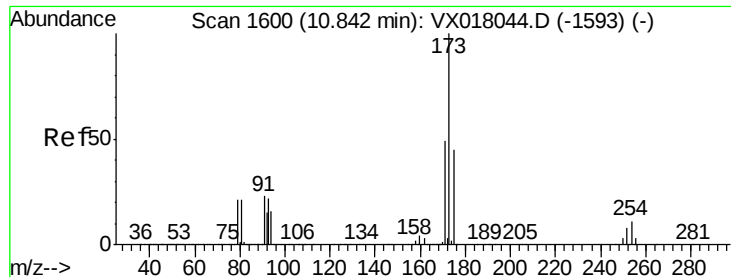
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#70
Styrene
Concen: 54.331 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.9	61.3
103	54.4	43.6	65.4





#71

Bromoform

Concen: 54.440 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

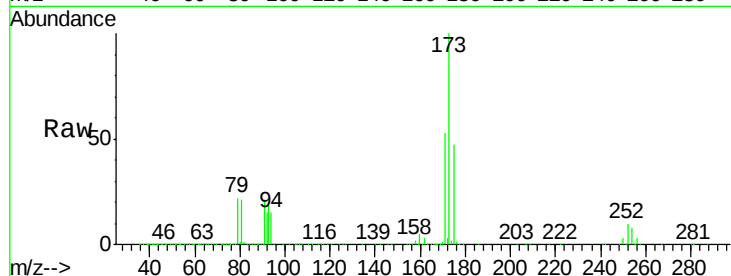
ClientSampleId :

VSTDCCC050EC

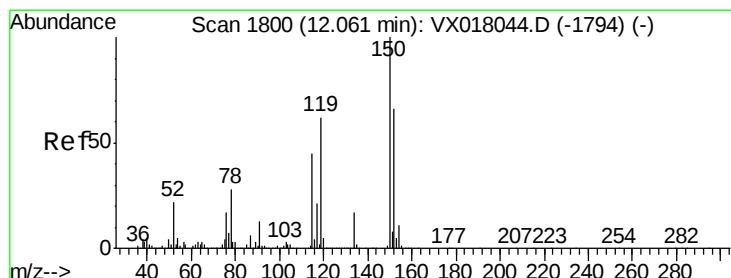
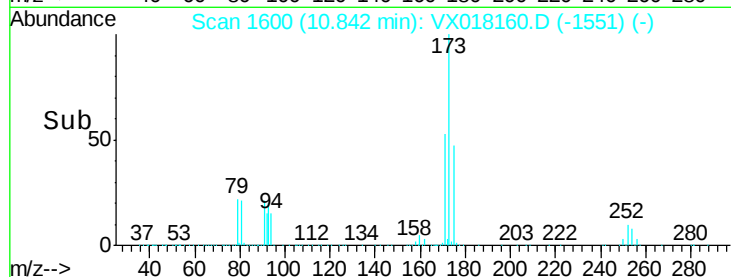
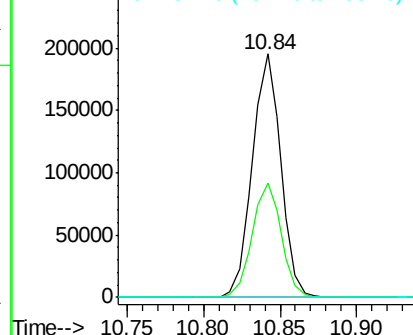
Tot Ion:	173	Resp:	252850
Ion Ratio	Lower	Upper	
173	100		
175	47.9	23.9	71.8
254	0.1	0.2	0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

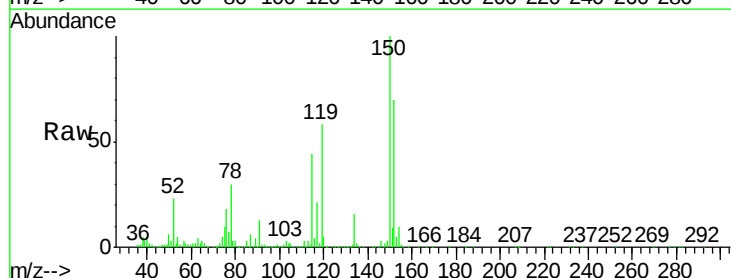
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

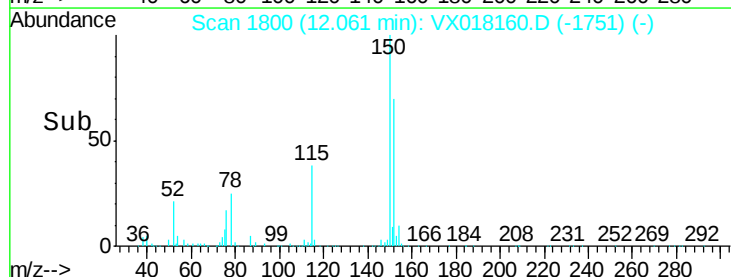
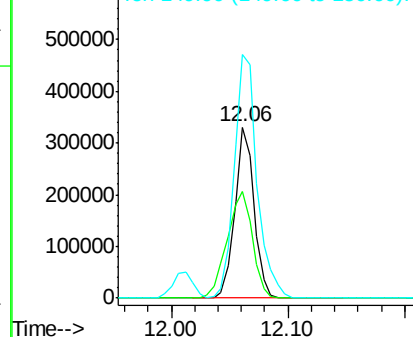
Lab File: VX018160.D

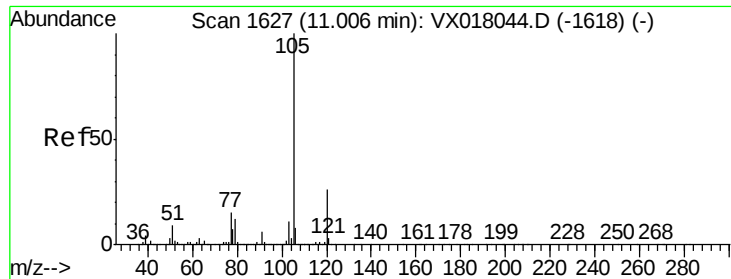
Acq: 31 Aug 2020 20:05

Tgt Ion:	152	Resp:	378306
Ion Ratio	Lower	Upper	
152	100		
115	81.1	41.5	124.5
150	169.3	0.0	343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.992 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1247482

Ion Ratio Lower Upper

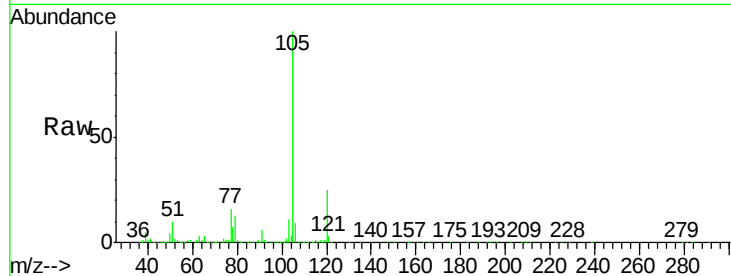
105 100

120 26.3 13.2 39.5

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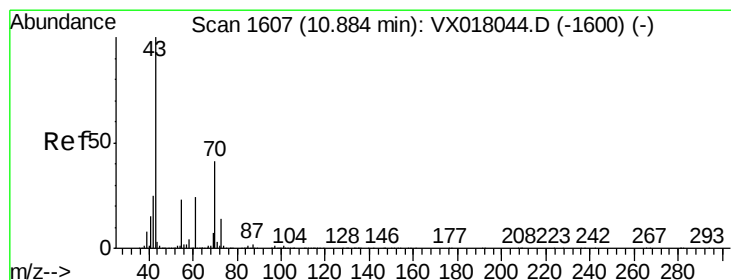
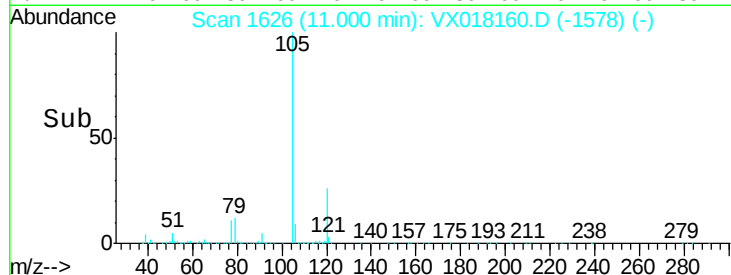
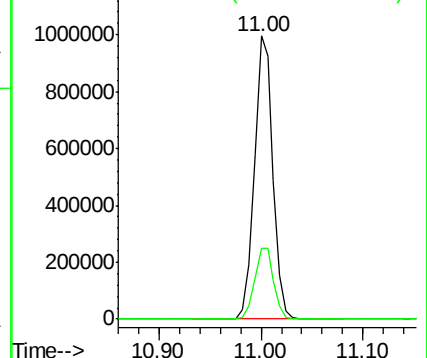
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.864 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion: 43 Resp: 554853

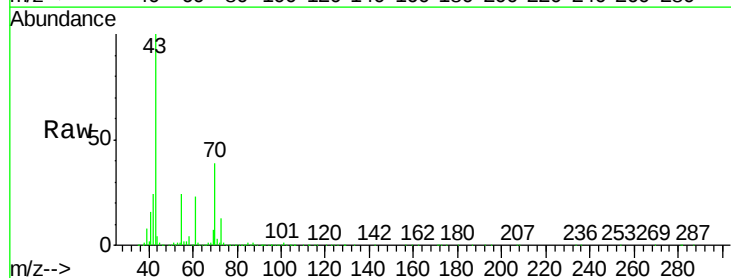
Ion Ratio Lower Upper

43 100

70 41.2 32.3 48.5

55 24.0 18.2 27.2

61 23.5 18.9 28.3

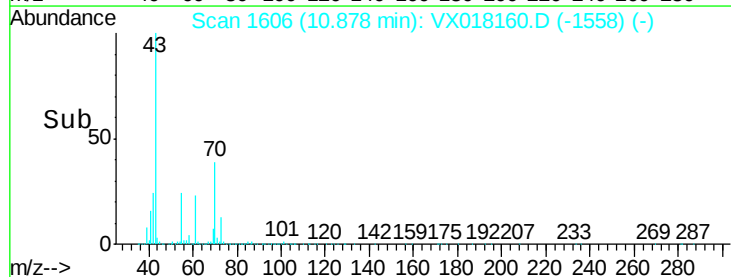
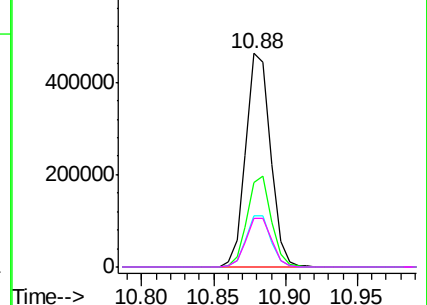


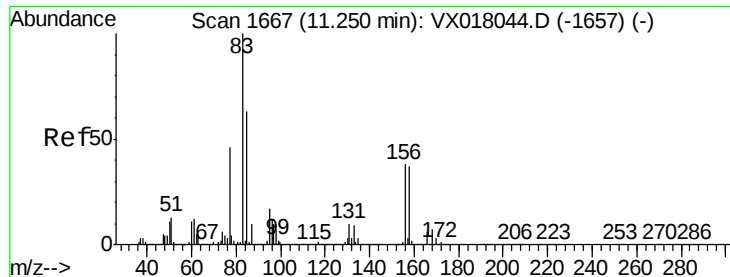
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.246 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

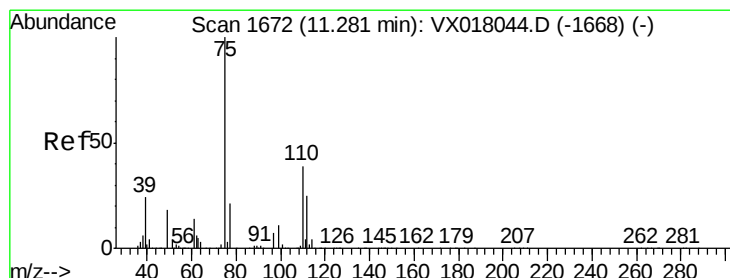
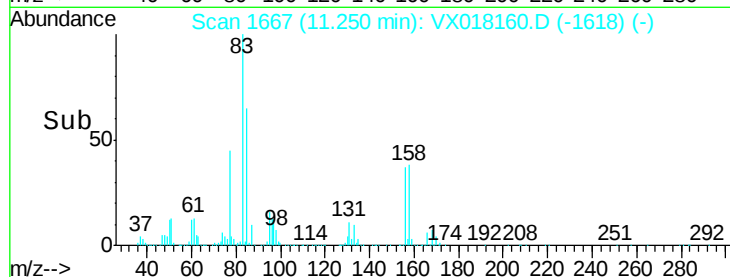
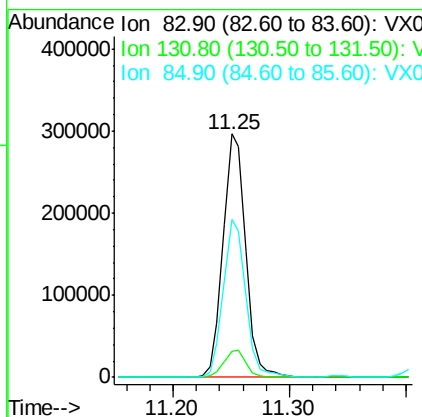
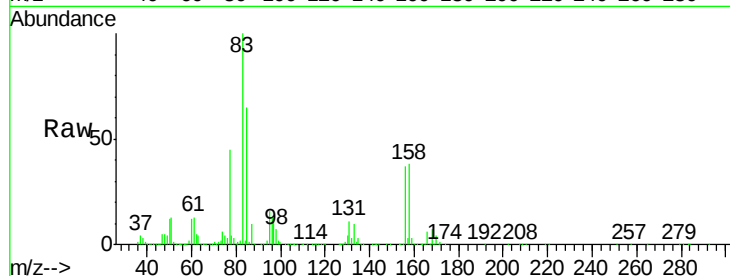
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	398287
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	64.3	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 45.772 ug/l m

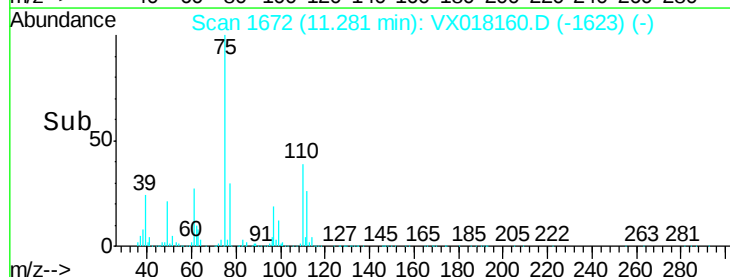
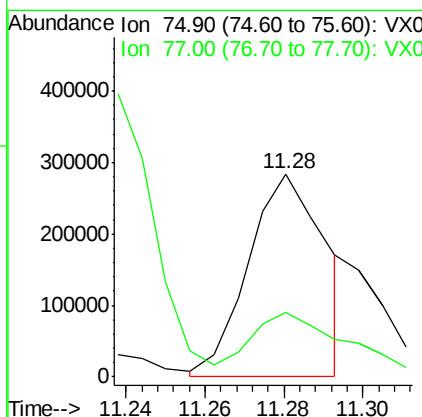
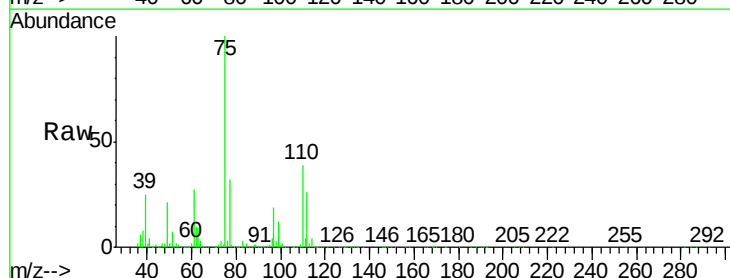
RT: 11.28 min Scan# 1672

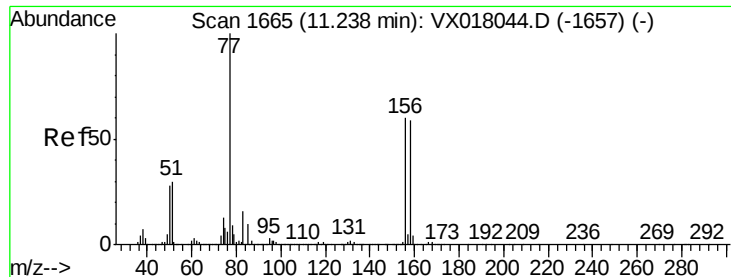
Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion:	75	Resp:	385199
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.8	62.2





#77

Bromobenzene

Concen: 46.893 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

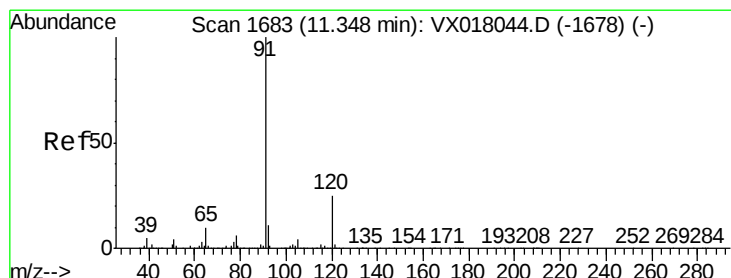
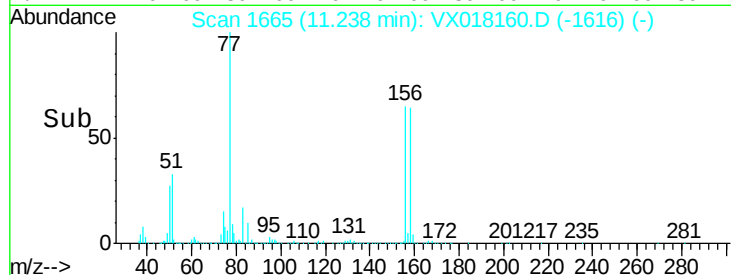
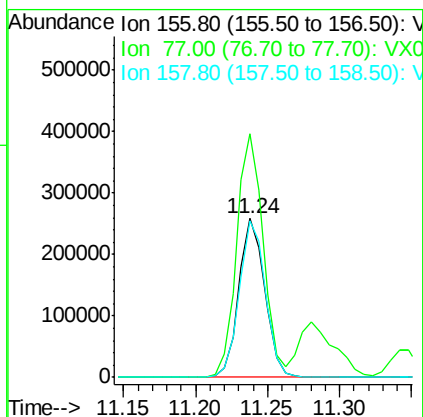
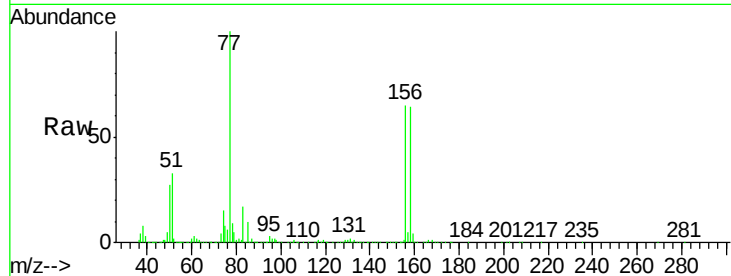
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	323452
Ion Ratio	Lower	Upper	
156	100		
77	157.3	80.0	240.2
158	99.2	49.5	148.7

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#78

n-propylbenzene

Concen: 49.775 ug/l

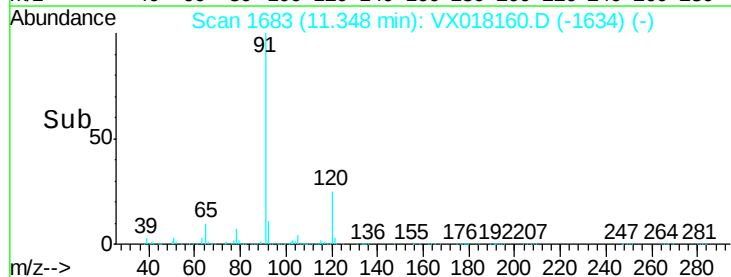
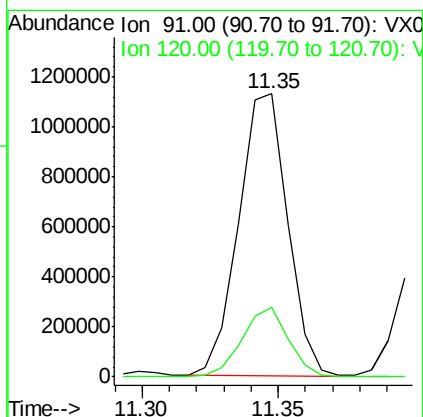
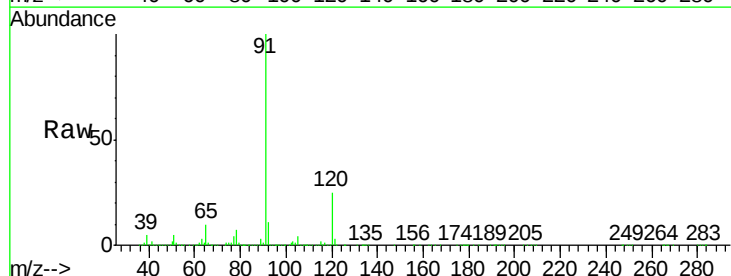
RT: 11.35 min Scan# 1683

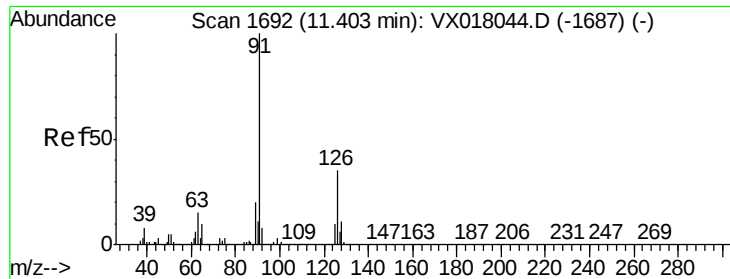
Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion:	91	Resp:	1410306
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.9





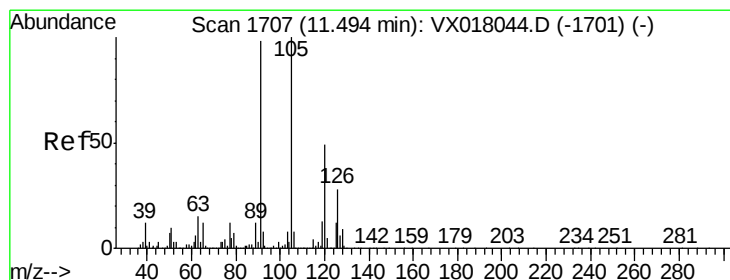
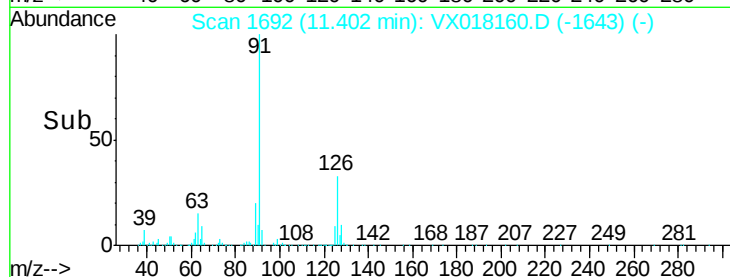
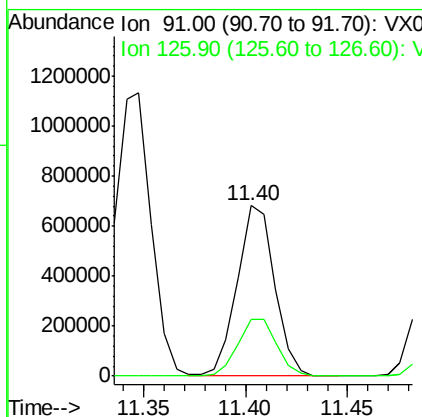
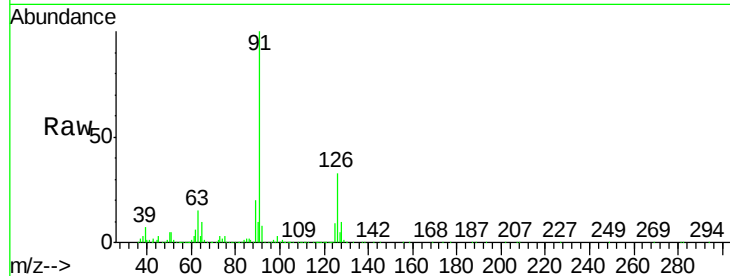
#79
 2-Chlorotoluene
 Concen: 49.435 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 865357
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.4 52.2

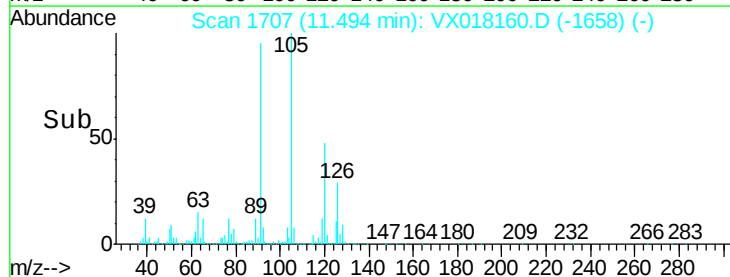
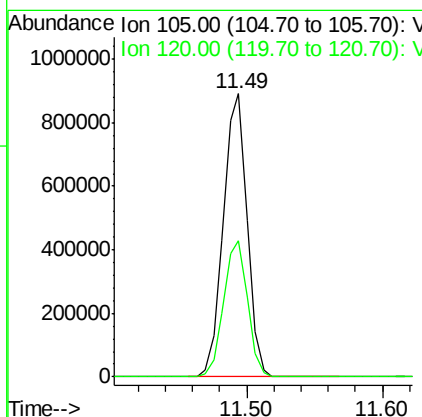
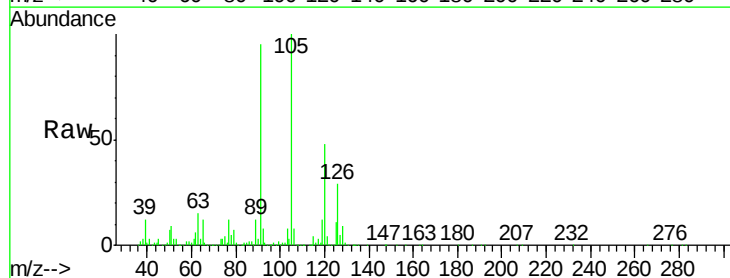
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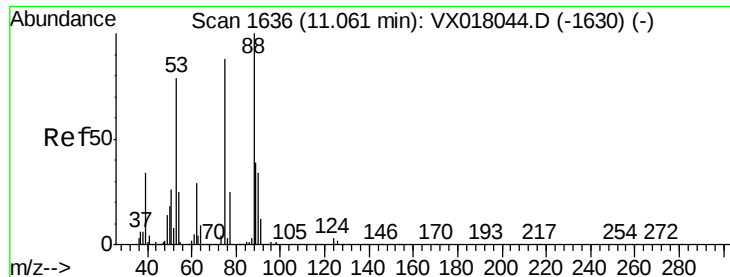
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.457 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion: 105 Resp: 1075663
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.647 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

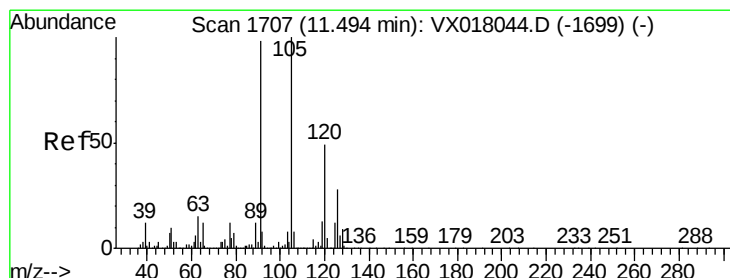
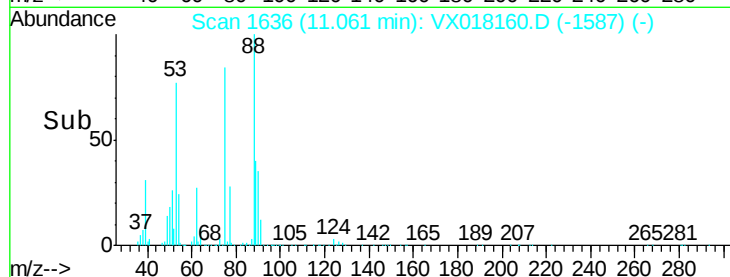
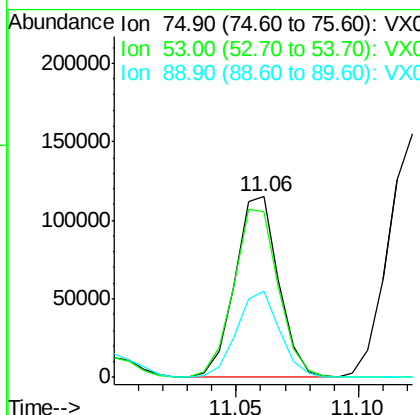
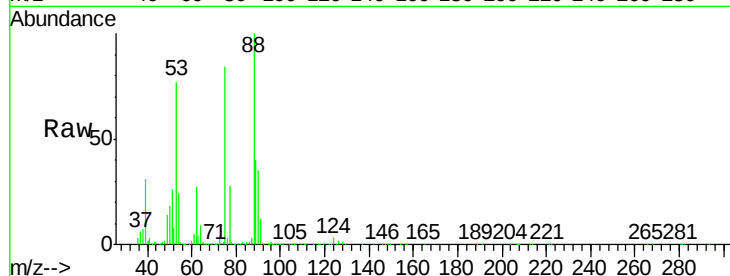
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	142231
Ion	Ratio	Lower	Upper
75	100		
53	95.4	74.7	112.1
89	46.7	36.6	54.8

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#82

4-Chlorotoluene

Concen: 49.645 ug/l

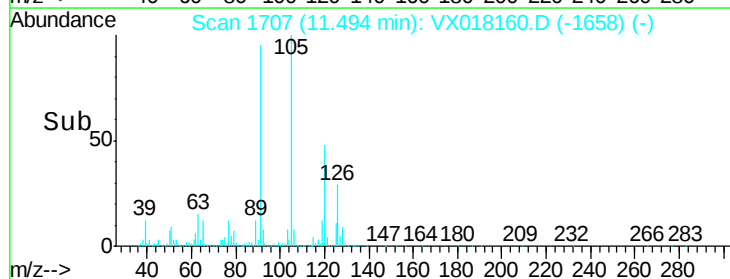
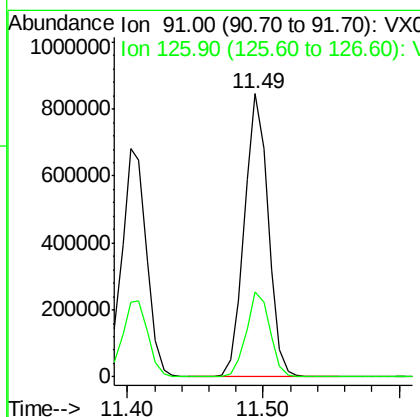
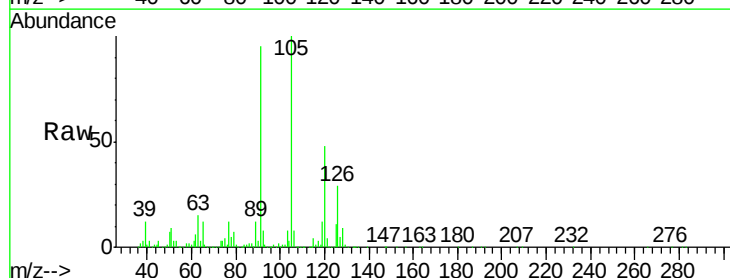
RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion:	91	Resp:	1033110
Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.1	45.3





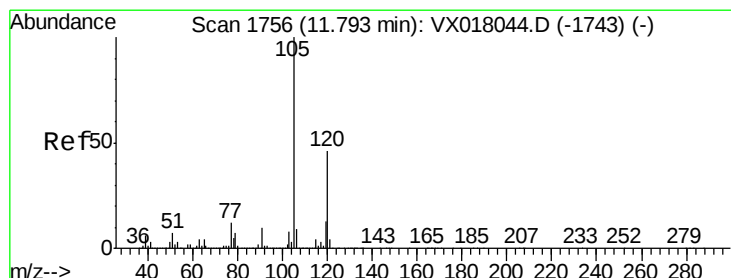
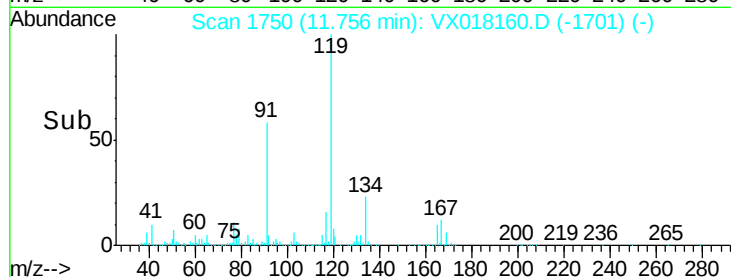
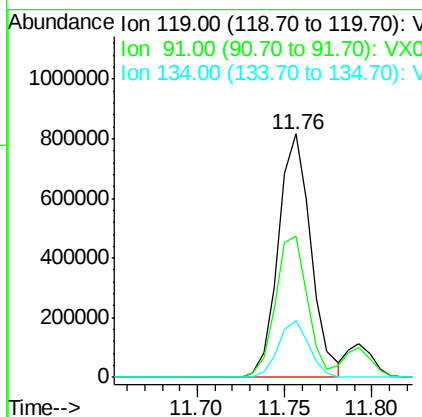
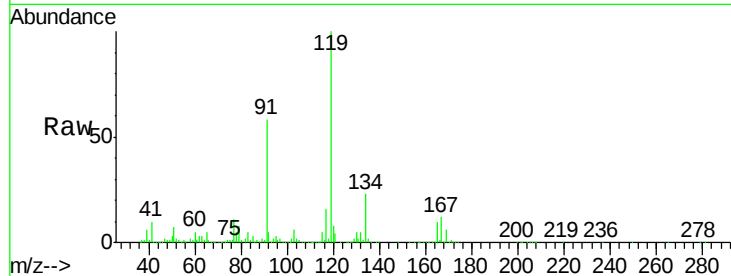
#83
tert-Butylbenzene
Concen: 52.389 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	28.2	84.7
134	21.9	11.3	33.8

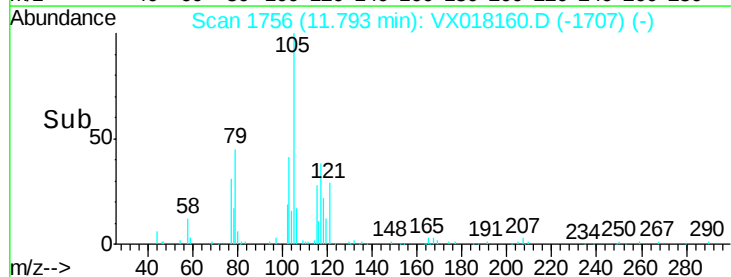
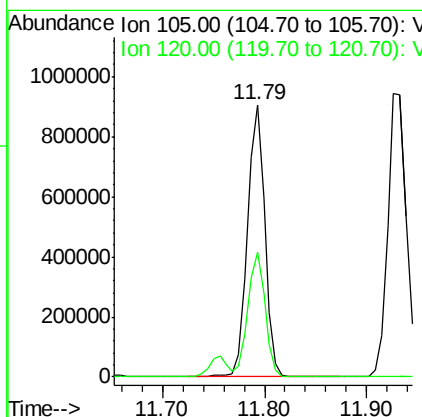
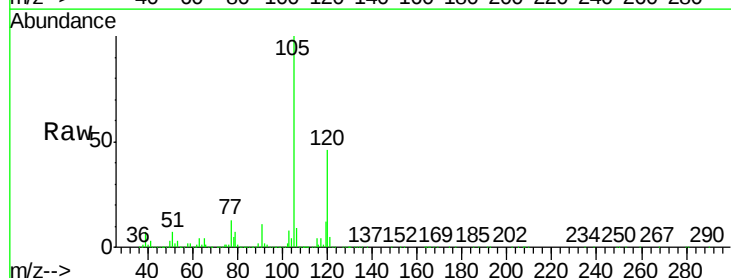
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 51.168 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.9





#85

sec-Butylbenzene

Concen: 52.465 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1207368

Ion Ratio Lower Upper

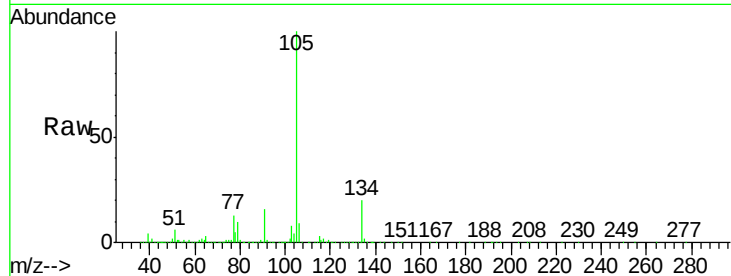
105 100

134 20.6 10.1 30.3

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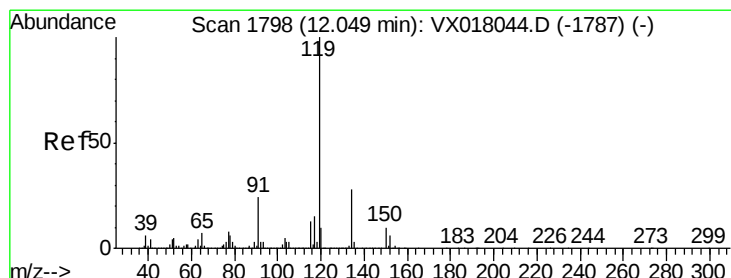
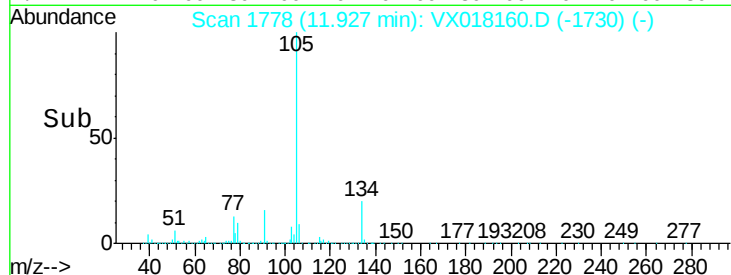
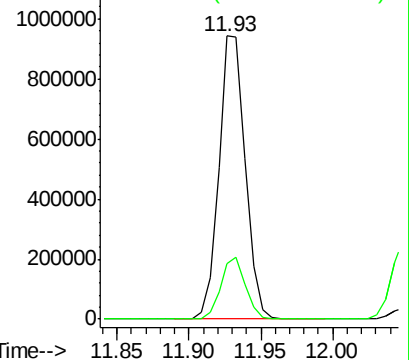
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.997 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

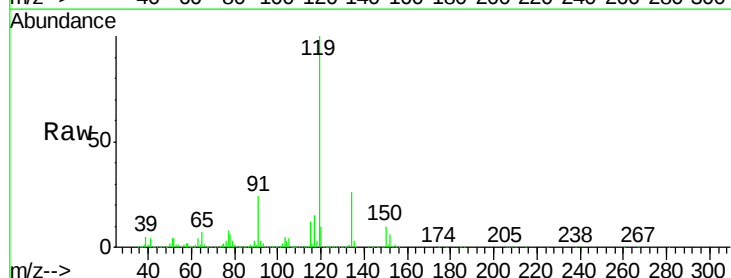
Tgt Ion:119 Resp: 1141420

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

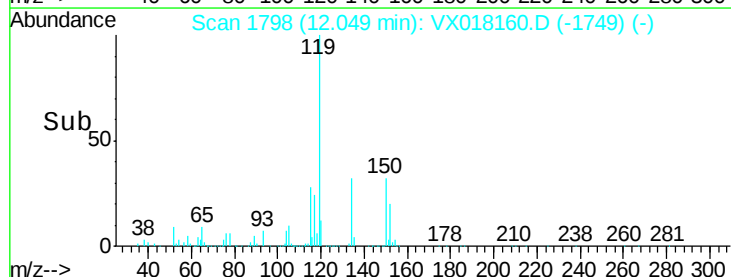
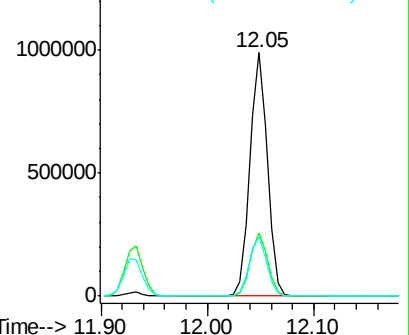
91 24.4 11.8 35.4

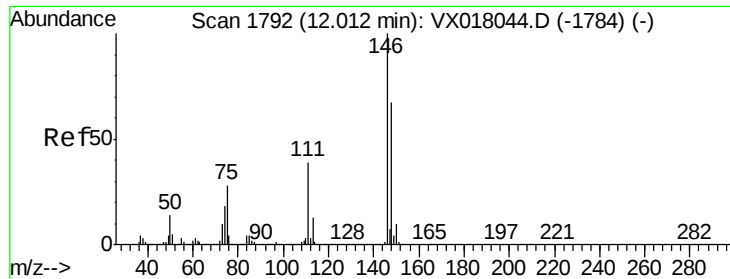


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.439 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

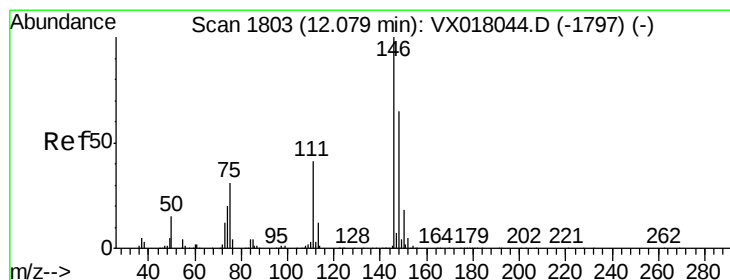
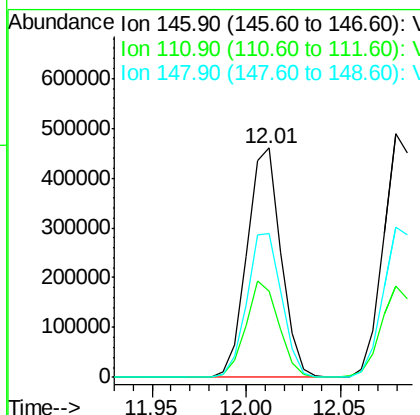
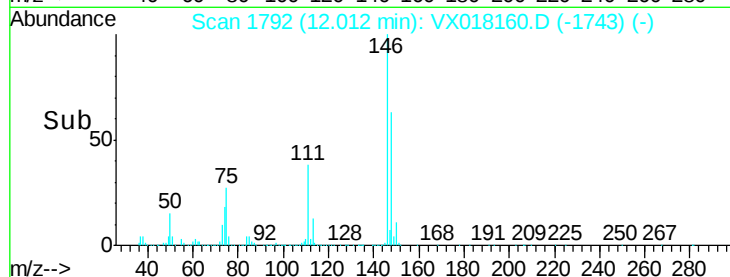
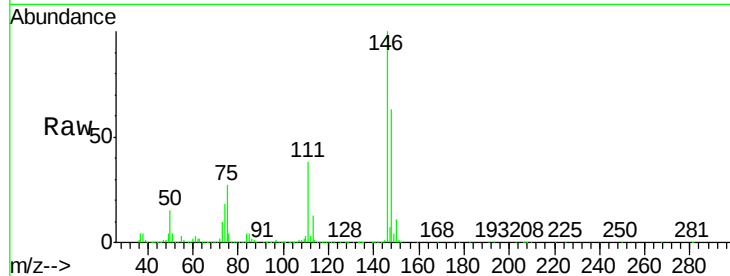
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	574497
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.6	61.8
148	64.3	33.1	99.2

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#88

1,4-Dichlorobenzene

Concen: 49.217 ug/l

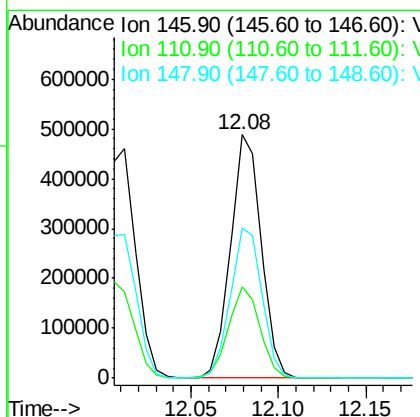
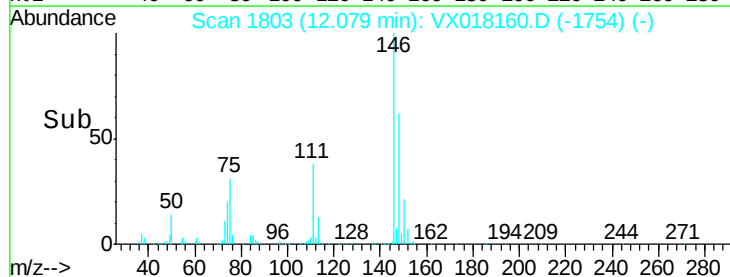
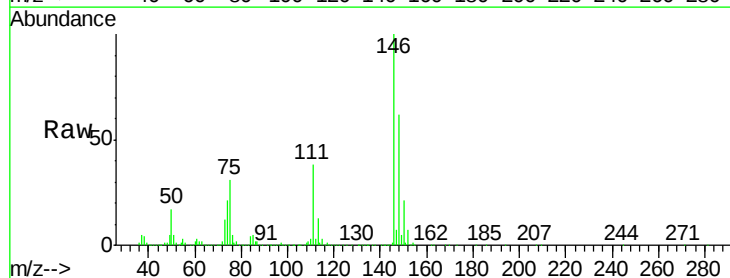
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion:	146	Resp:	596785
Ion Ratio	Lower	Upper	
146	100		
111	38.5	20.3	60.8
148	63.0	33.1	99.2





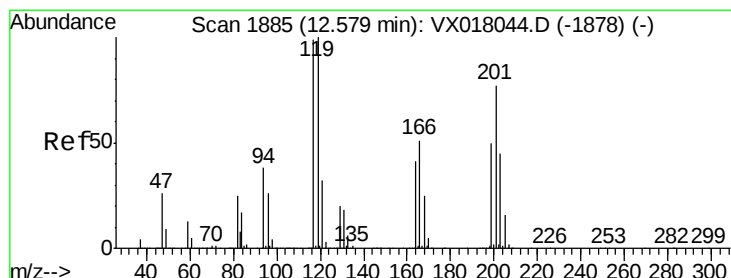
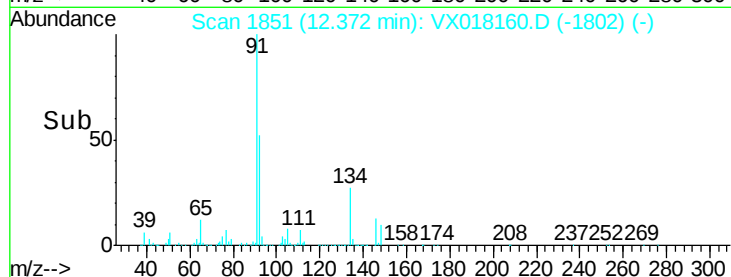
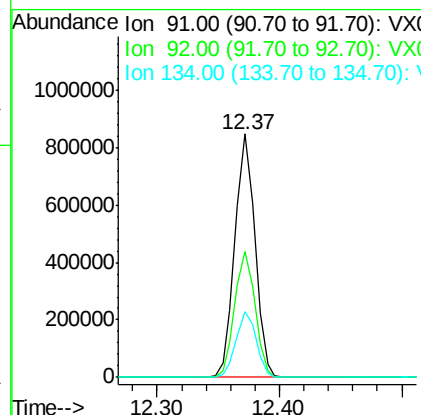
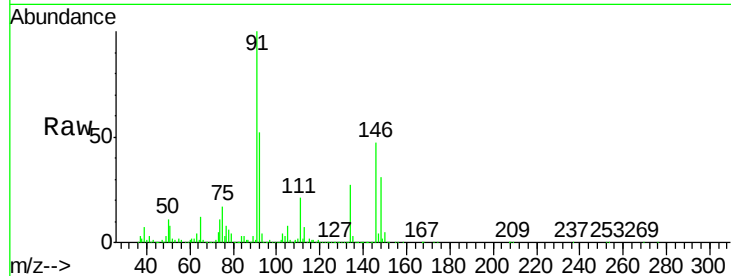
#89
n-Butylbenzene
Concen: 49.749 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	26.9	12.9	38.7

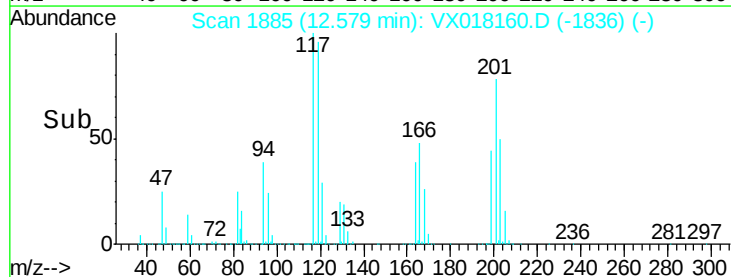
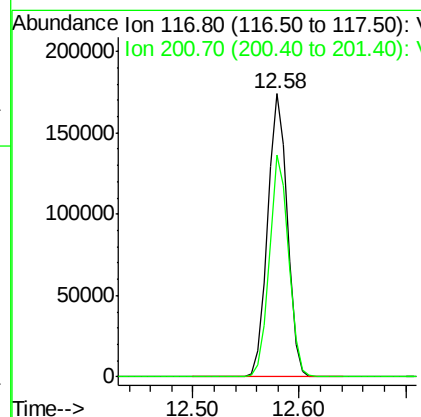
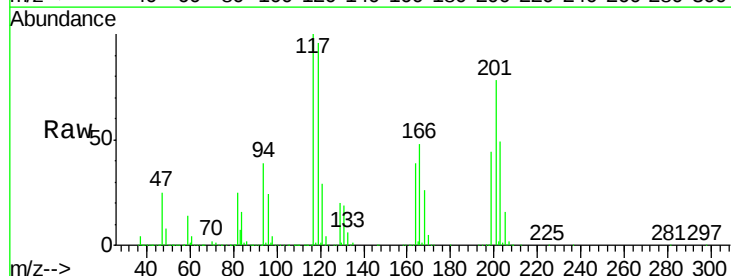
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#90
Hexachloroethane
Concen: 54.343 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 48.493 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

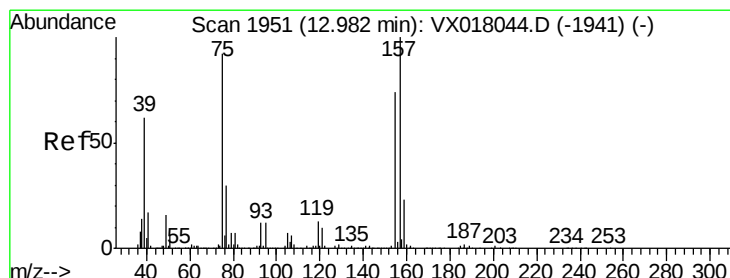
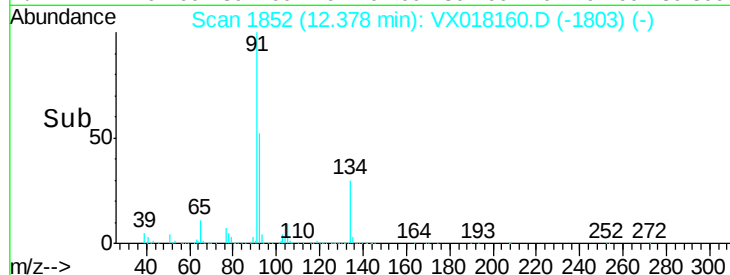
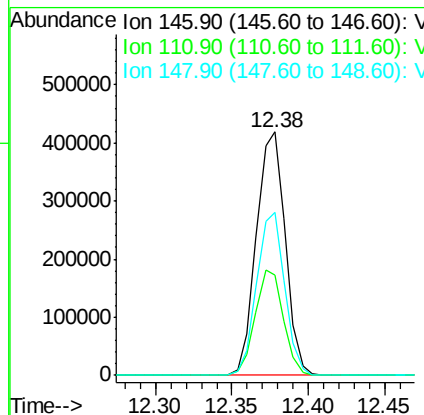
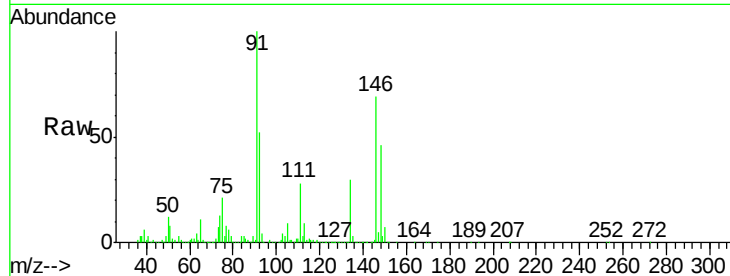
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	552809
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.8	62.5
148	64.8	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.936 ug/l

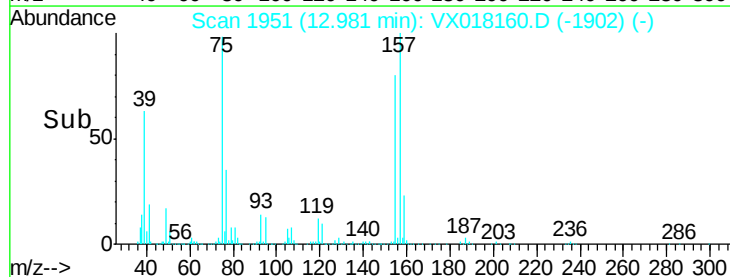
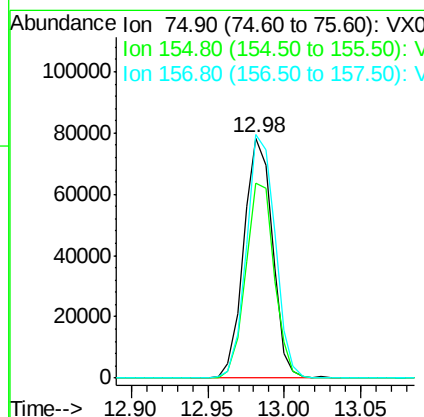
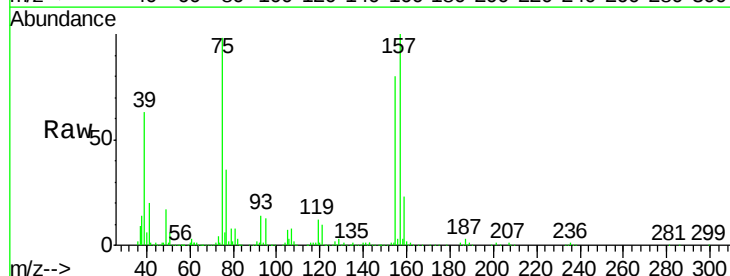
RT: 12.98 min Scan# 1951

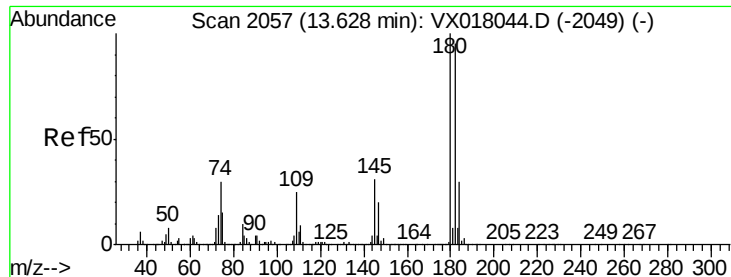
Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion:	75	Resp:	101106
Ion Ratio	Lower	Upper	
75	100		
155	82.3	40.2	120.6
157	102.5	55.0	165.2





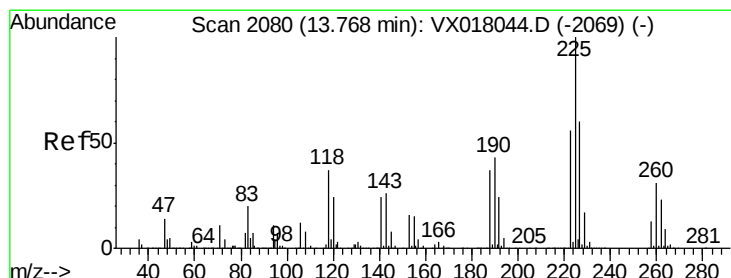
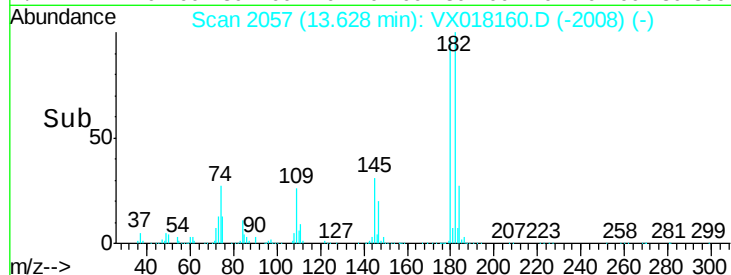
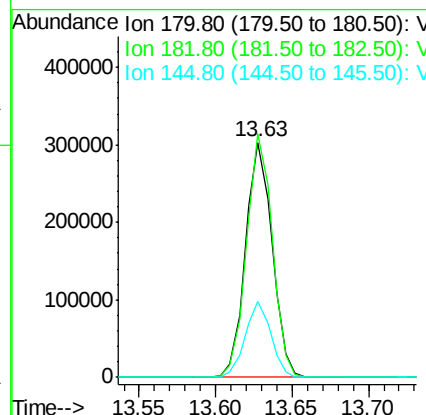
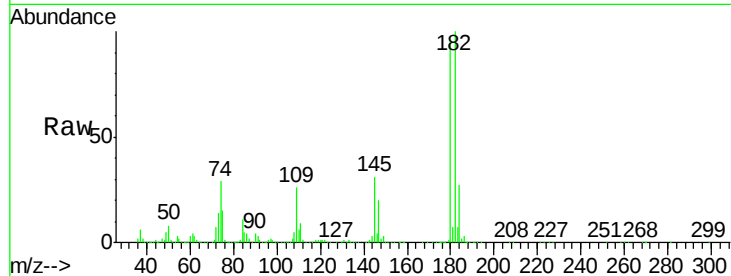
#93
1,2,4-Trichlorobenzene
Concen: 48.057 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	100.7	47.5	142.6	
145	31.3	15.7	47.1	

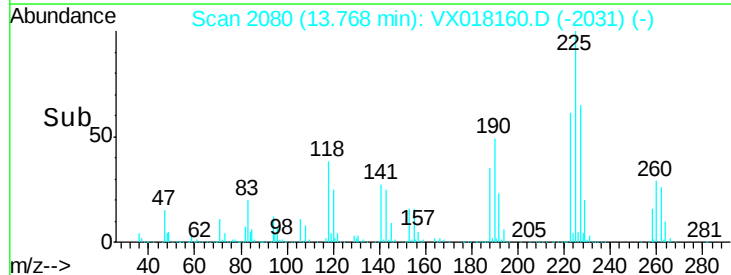
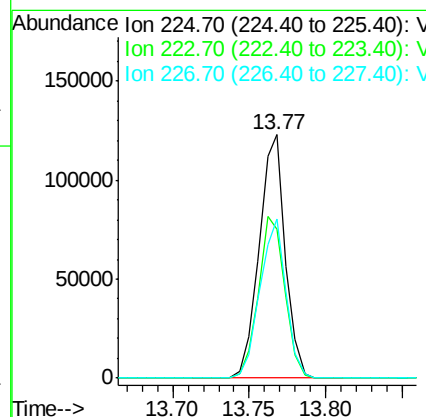
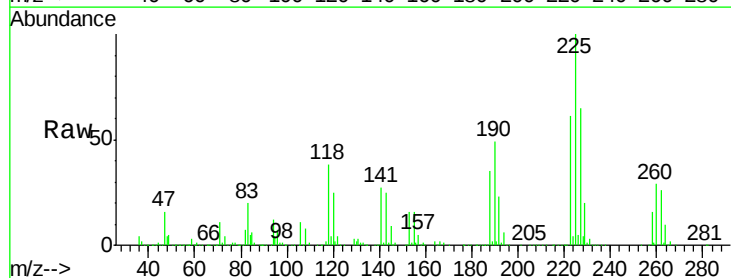
Manual Integrations
APPROVED

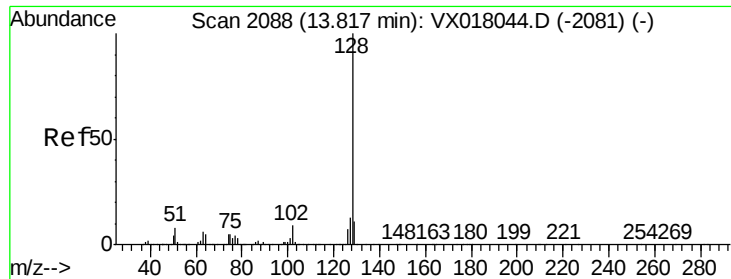
MMDadoda
9/1/2020 9:08:46 AM



#94
Hexachlorobutadiene
Concen: 48.510 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	67.4	30.7	92.1	
227	65.5	32.6	97.8	





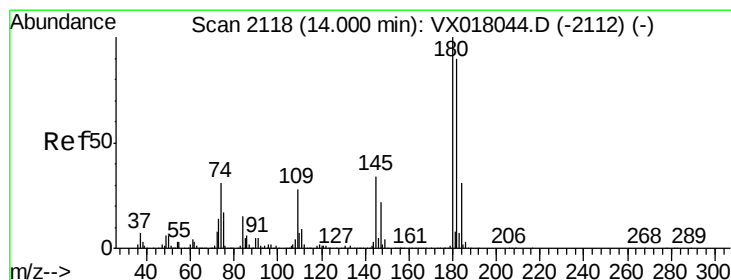
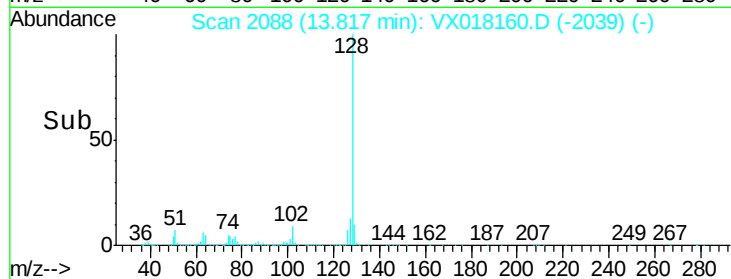
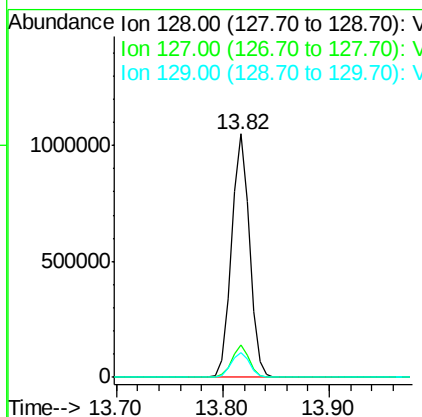
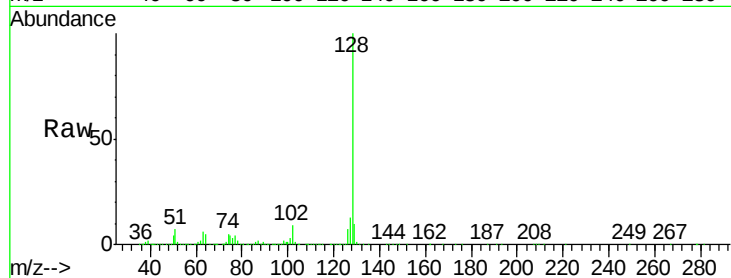
#95
Naphthalene
Concen: 49.897 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:46 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.703 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	142.0
145	33.8	17.5	52.6

