

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092520\
 Data File : VX018608.D
 Acq On : 25 Sep 2020 20:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:51:37 PM

Quant Time: Sep 28 03:42:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	409146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	656977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	625123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	314688	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	5.47	113	238689	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	8.70	98	800053	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.12	95	320990	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	181047	46.673	ug/l	95
3) Chloromethane	1.31	50	189436	41.714	ug/l	97
4) Vinyl Chloride	1.39	62	215948	44.917	ug/l	97
5) Bromomethane	1.64	94	135458	45.906	ug/l	99
6) Chloroethane	1.72	64	130067	47.270	ug/l	97
7) Trichlorofluoromethane	1.92	101	373392	51.123	ug/l	99
8) Diethyl Ether	2.17	74	126393	49.323	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	185336	47.145	ug/l	100
10) Methyl Iodide	2.50	142	217244	45.186	ug/l	95
11) Tert butyl alcohol	3.04	59	211875	210.384	ug/l	99
12) 1,1-Dichloroethene	2.36	96	188044	47.458	ug/l	90
13) Acrolein	2.28	56	107625	168.777	ug/l	99
14) Allyl chloride	2.71	41	346370	45.110	ug/l	96
15) Acrylonitrile	3.12	53	580472	241.566	ug/l	98
16) Acetone	2.43	43	493012	222.724	ug/l	96
17) Carbon Disulfide	2.56	76	522777	44.178	ug/l	100
18) Methyl Acetate	2.75	43	285420	52.042	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	729254	52.429	ug/l	99
20) Methylene Chloride	2.84	84	225580	46.188	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	207991	45.167	ug/l	94
22) Diisopropyl ether	3.82	45	716588	49.650	ug/l	99
23) Vinyl Acetate	3.79	43	3214119	251.315	ug/l	99
24) 1,1-Dichloroethane	3.67	63	395935	47.568	ug/l	97
25) 2-Butanone	4.64	43	802179	232.712	ug/l	99
26) 2,2-Dichloropropane	4.56	77	342253	44.503	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	239884	46.476	ug/l	97
28) Bromochloromethane	4.98	49	205346	52.721	ug/l	100
29) Tetrahydrofuran	5.09	42	513658	236.420	ug/l	97
30) Chloroform	5.18	83	428895	50.785	ug/l	95
31) Cyclohexane	5.55	56	305522	43.618	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	395928	49.972	ug/l	98
36) 1,1-Dichloropropene	5.78	75	290940	45.626	ug/l	98
37) Ethyl Acetate	4.79	43	321373	47.196	ug/l	99
38) Carbon Tetrachloride	5.76	117	354698	50.225	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	313450	43.753	ug/l	97
40) Benzene	6.12	78	861677	47.152	ug/l	99
41) Methacrylonitrile	5.00	41	182096	48.127	ug/l	100
42) 1,2-Dichloroethane	6.17	62	371465	52.249	ug/l	98
43) Isopropyl Acetate	6.41	43	548870	48.574	ug/l	99
44) Trichloroethene	7.19	130	247670	46.816	ug/l	91
45) 1,2-Dichloropropane	7.49	63	235306	46.912	ug/l	98
46) Dibromomethane	7.64	93	169434	49.167	ug/l	98
47) Bromodichloromethane	7.88	83	352654	50.778	ug/l	96
48) Methyl methacrylate	7.74	41	268476	48.814	ug/l	97
49) 1,4-Dioxane	7.76	88	58101	639.330	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1675169	248.985	ug/l	99
52) Toluene	8.76	92	543323	47.247	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	386701	49.002	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	396829	48.811	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	237581	49.789	ug/l	99
56) Ethyl methacrylate	9.16	69	360622	50.968	ug/l	98
57) 1,3-Dichloropropane	9.35	76	391427	48.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	953341	253.429	ug/l	99
59) 2-Hexanone	9.48	43	1254081	245.064	ug/l	100
60) Dibromochloromethane	9.57	129	288386	50.684	ug/l	97
61) 1,2-Dibromoethane	9.65	107	257216	50.662	ug/l	100
64) Tetrachloroethene	9.32	164	209996	42.669	ug/l	96
65) Chlorobenzene	10.12	112	605677	47.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	253765	49.144	ug/l	98
67) Ethyl Benzene	10.24	91	1050965	47.170	ug/l	99
68) m/p-Xylenes	10.34	106	791215	93.877	ug/l	98
69) o-Xylene	10.68	106	372098	46.622	ug/l	97
70) Styrene	10.70	104	665039	48.259	ug/l	98
71) Bromoform	10.84	173	222332	51.281	ug/l	100
73) Isopropylbenzene	11.00	105	1046527	47.063	ug/l	99
74) N-amyl acetate	10.88	43	473870	47.334	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	357457	48.565	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	327869m	46.872	ug/l	
77) Bromobenzene	11.24	156	282392	46.026	ug/l	98
78) n-propylbenzene	11.34	91	1174699	45.131	ug/l	100
79) 2-Chlorotoluene	11.40	91	716410	45.471	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	898241	47.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	118808	43.523	ug/l	96
82) 4-Chlorotoluene	11.49	91	854846	45.644	ug/l	100
83) tert-Butylbenzene	11.76	119	861150	46.639	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	911660	47.601	ug/l	98
85) sec-Butylbenzene	11.93	105	986752	45.292	ug/l	100
86) p-Isopropyltoluene	12.05	119	943243	47.109	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	505564	45.829	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	505432	45.186	ug/l	99
89) n-Butylbenzene	12.37	91	819831	44.230	ug/l	99
90) Hexachloroethane	12.58	117	181466	45.397	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	485488	47.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90184	50.472	ug/l	99

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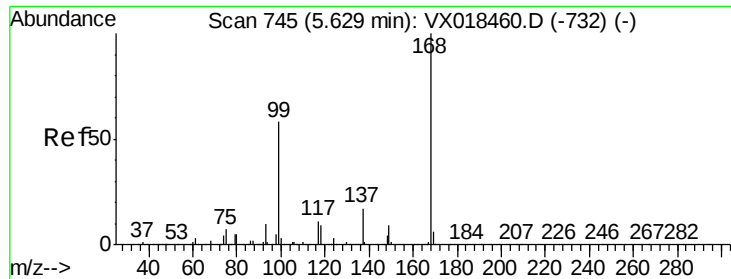
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	328962	45.777	ug/l	95
94) Hexachlorobutadiene	13.76	225	130580	43.302	ug/l	99
95) Naphthalene	13.82	128	1069750	49.292	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	326013	47.470	ug/l	98

(#) = 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: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 409146

Ion Ratio Lower Upper

168 100

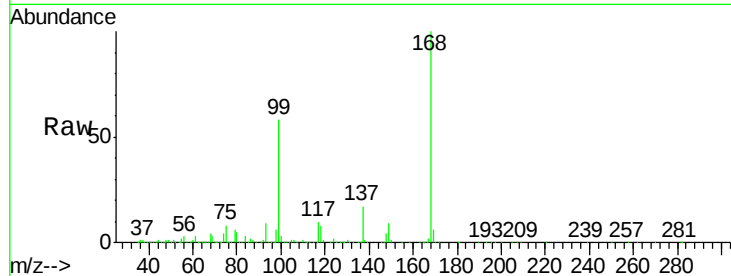
99 57.5 46.5 69.7

Manual Integrations

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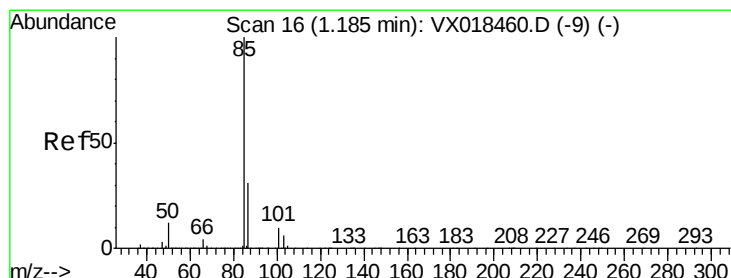
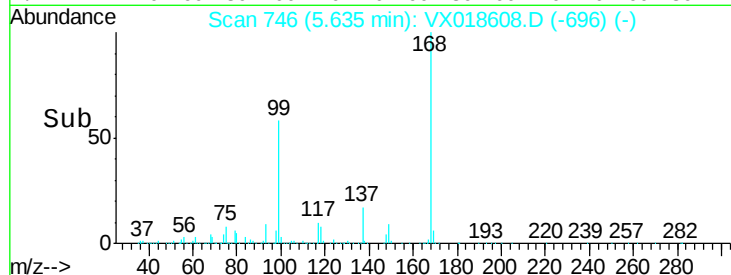
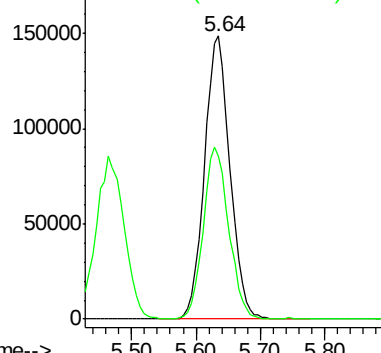
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.673 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018608.D

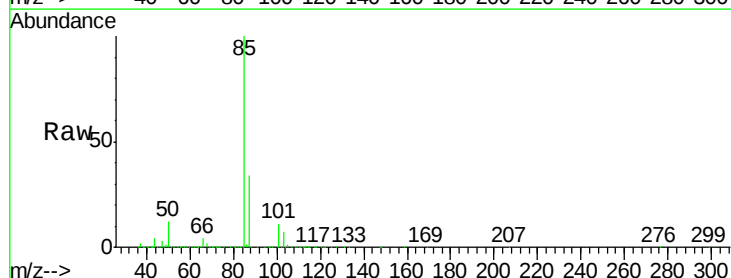
Acq: 25 Sep 2020 20:01

Tgt Ion: 85 Resp: 181047

Ion Ratio Lower Upper

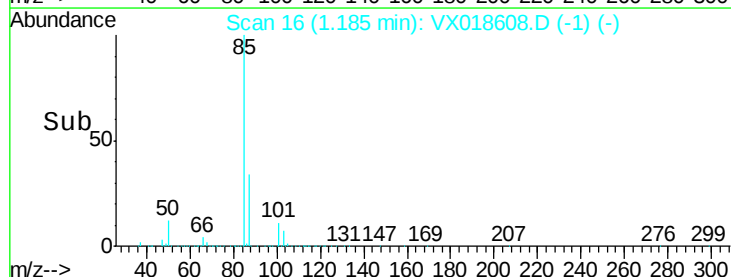
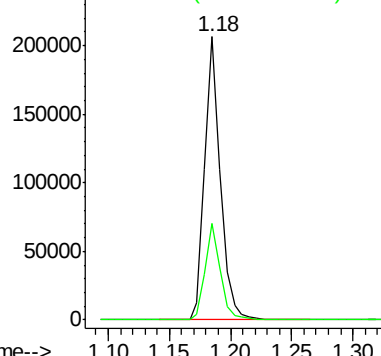
85 100

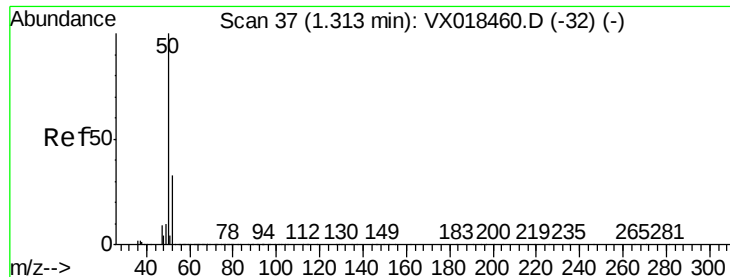
87 33.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





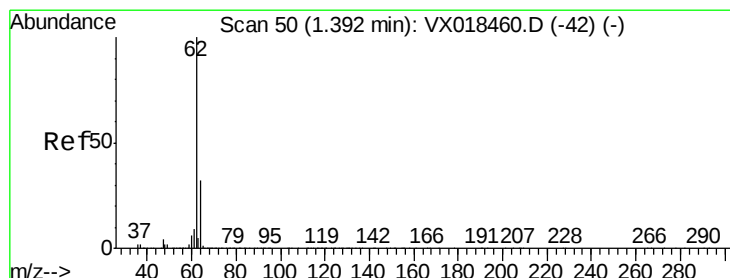
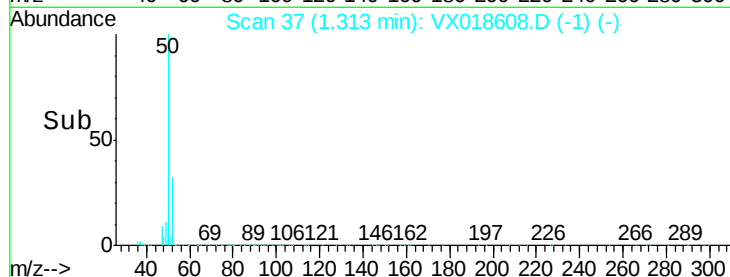
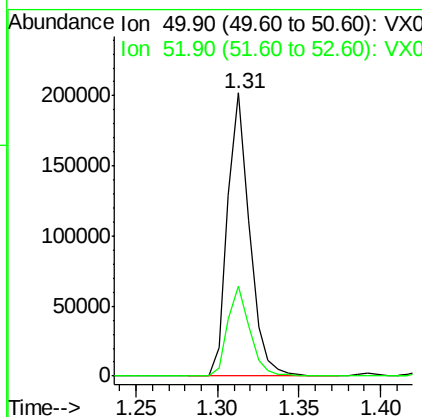
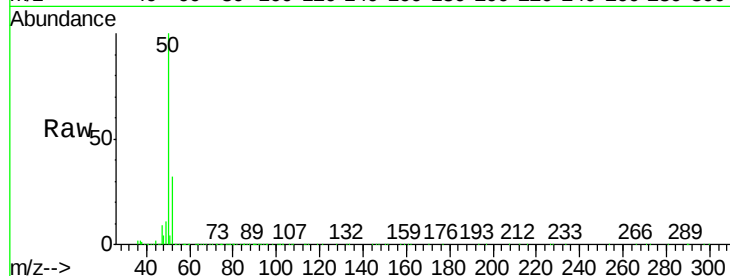
#3
Chloromethane
Concen: 41.714 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.6	40.0

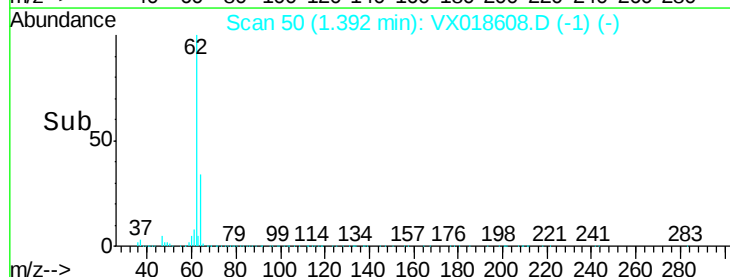
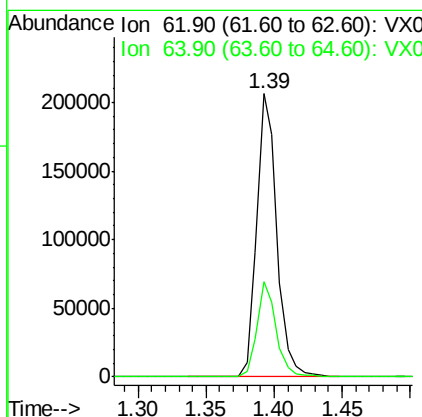
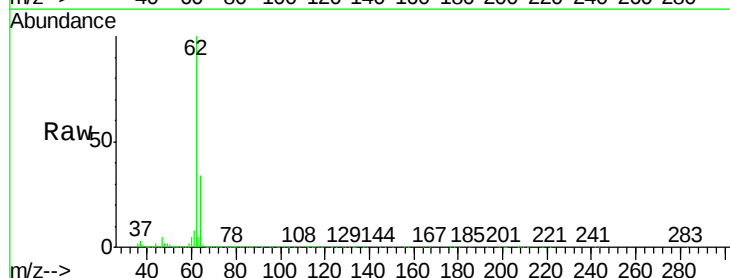
Manual Integrations
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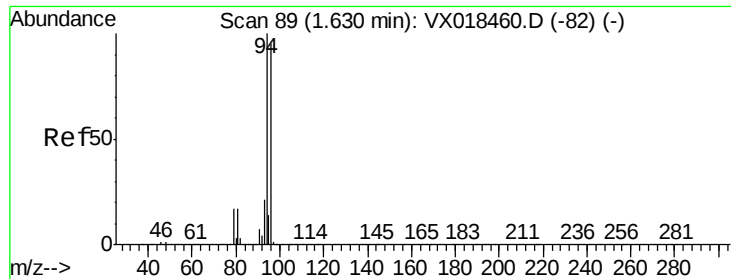
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#4
Vinyl Chloride
Concen: 44.917 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.6	25.7	38.5





#5

Bromomethane

Concen: 45.906 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 135458

Ion Ratio Lower Upper

94 100

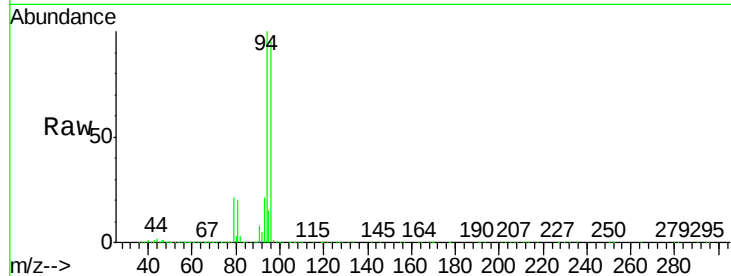
96 95.4 75.5 113.3

Manual Integrations

APPROVED

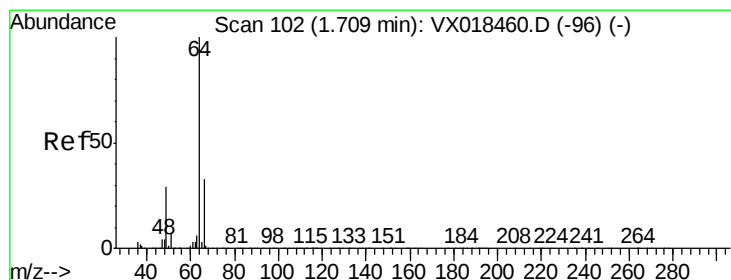
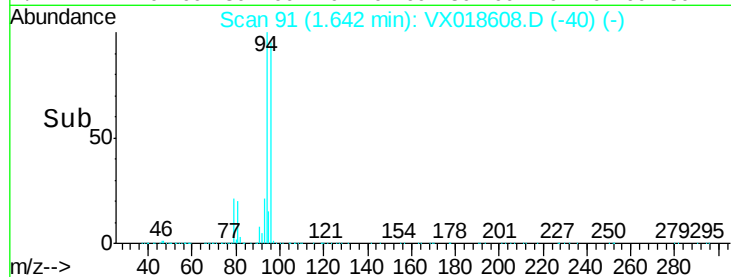
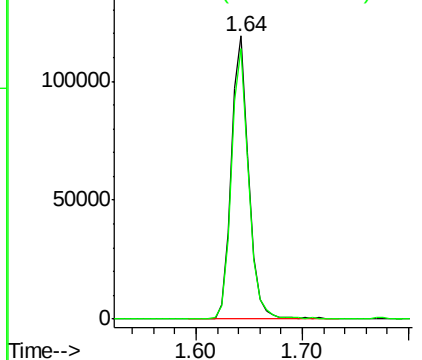
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.270 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018608.D

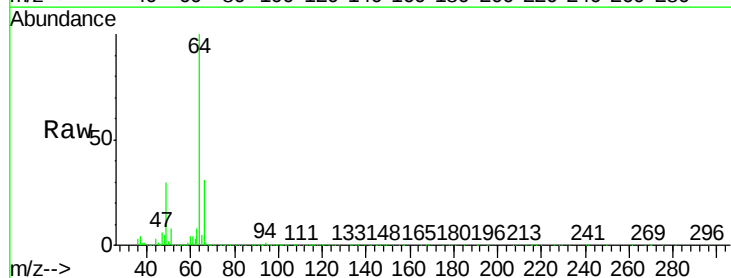
Acq: 25 Sep 2020 20:01

Tgt Ion: 64 Resp: 130067

Ion Ratio Lower Upper

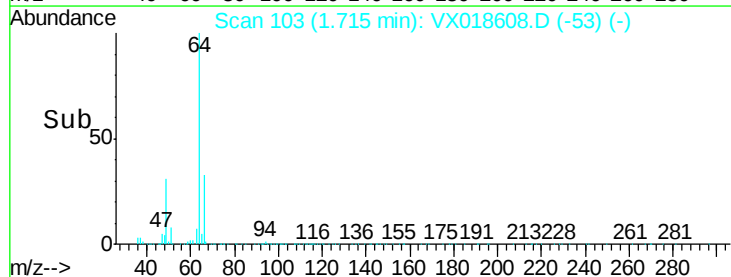
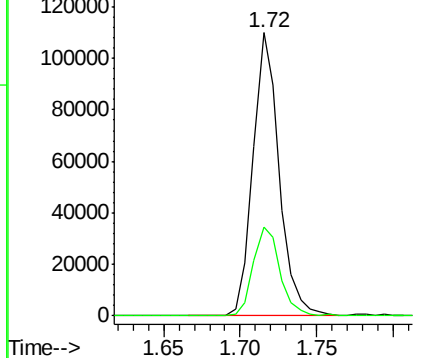
64 100

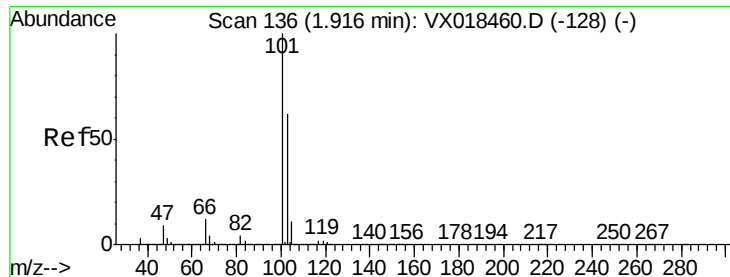
66 31.3 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

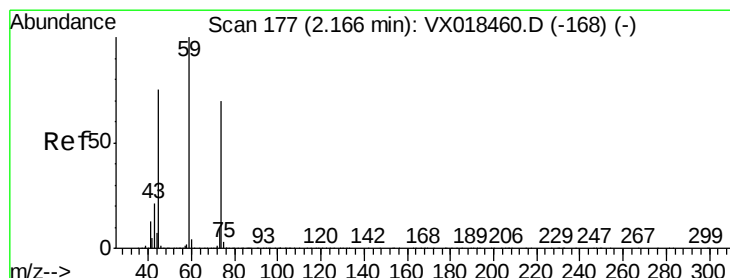
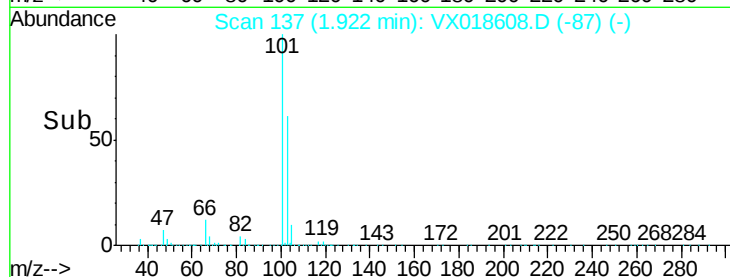
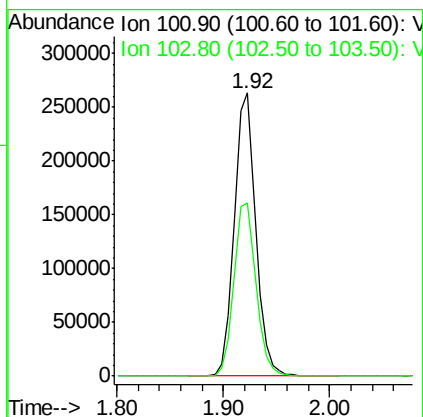
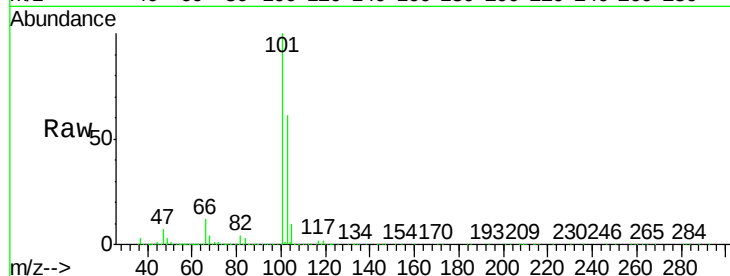
Trichlorofluoromethane
Concen: 51.123 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.0	49.6	74.4

Manual Integrations
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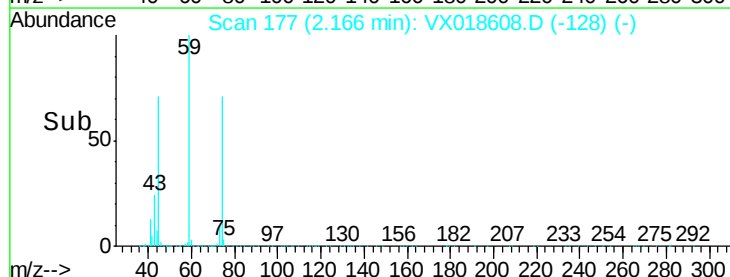
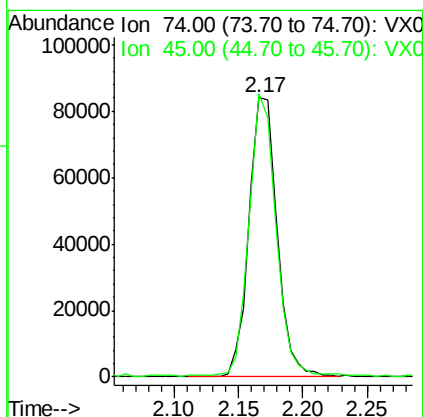
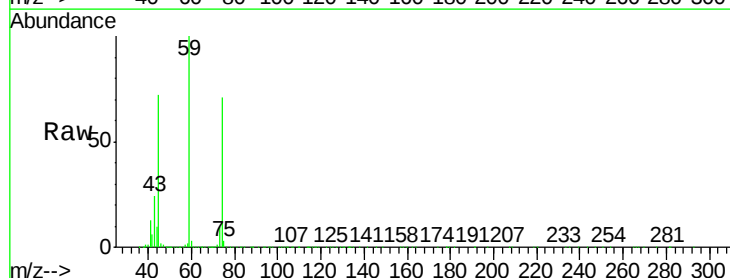
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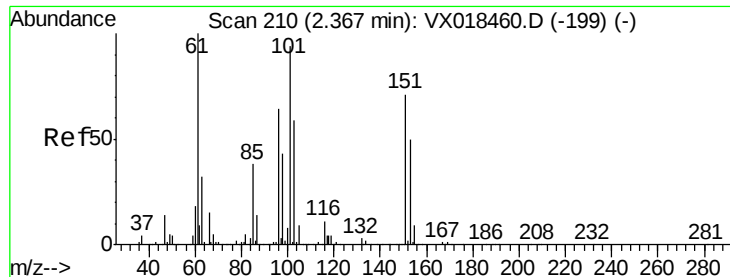


#8

Diethyl Ether
Concen: 49.323 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.145 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

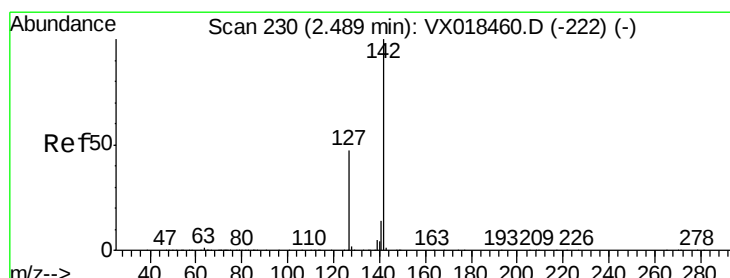
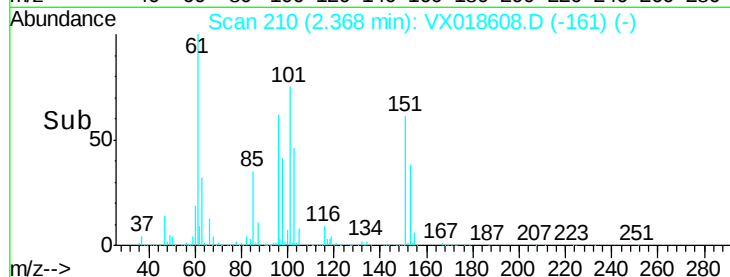
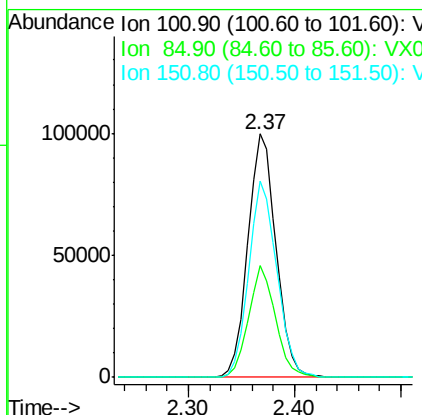
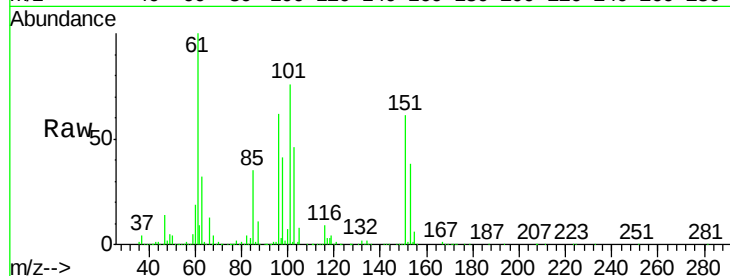
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	185336
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.7	52.1
151	81.0	64.9	97.3

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#10

Methyl Iodide

Concen: 45.186 ug/l

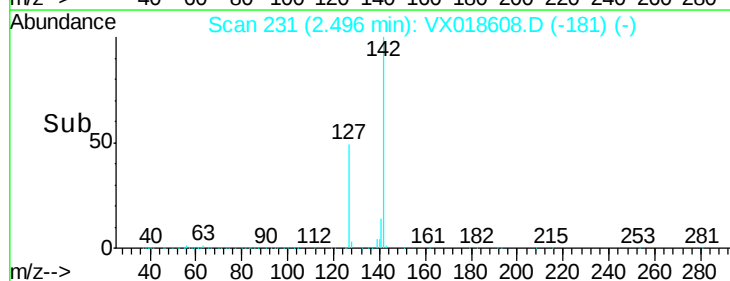
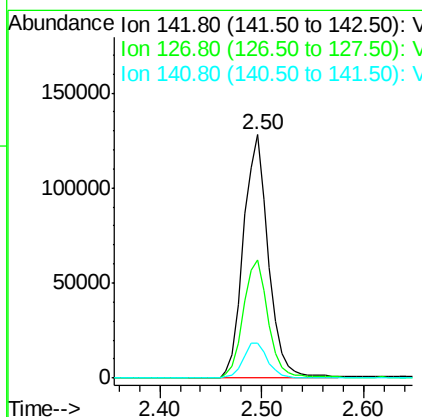
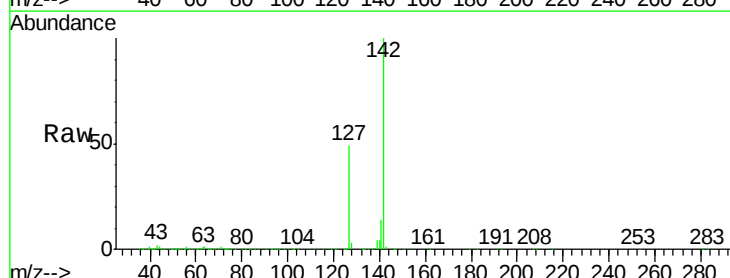
RT: 2.50 min Scan# 231

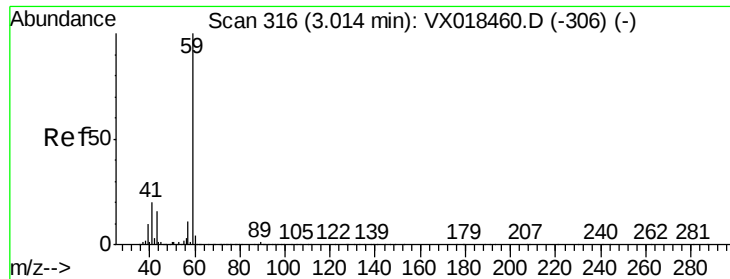
Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion:	142	Resp:	217244
Ion Ratio	Lower	Upper	
142	100		
127	49.0	36.0	54.0
141	14.4	11.9	17.9





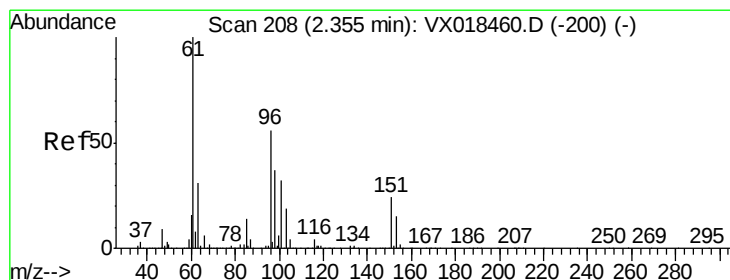
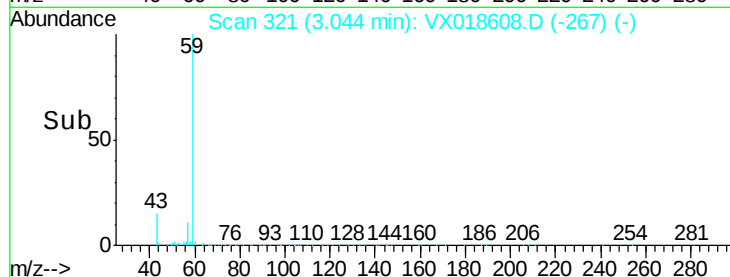
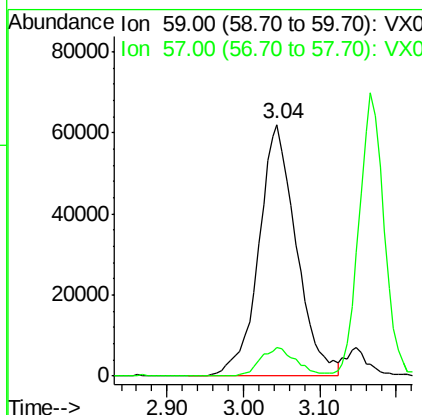
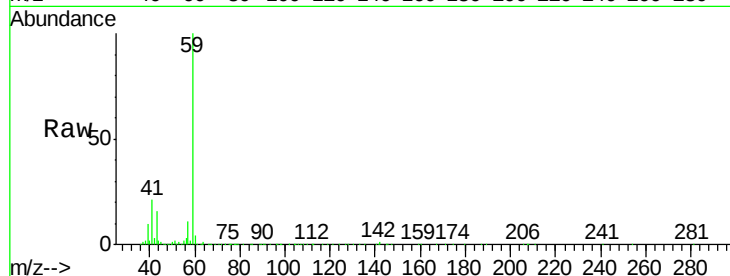
#11
Tert butyl alcohol
Concen: 210.384 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.03 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4

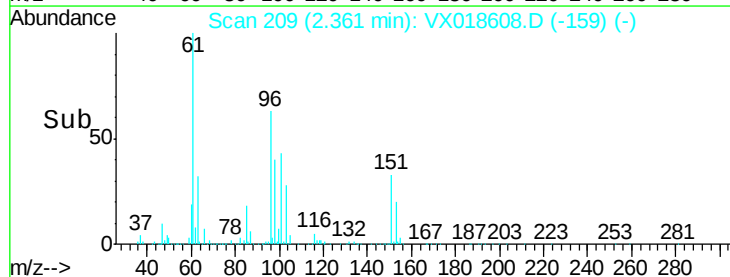
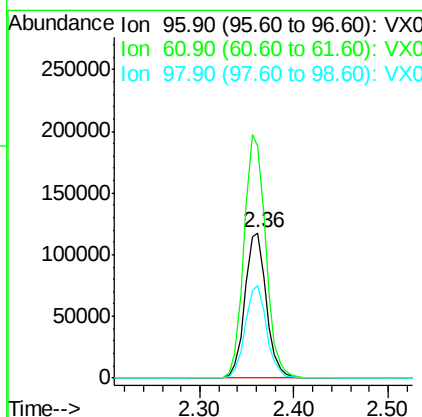
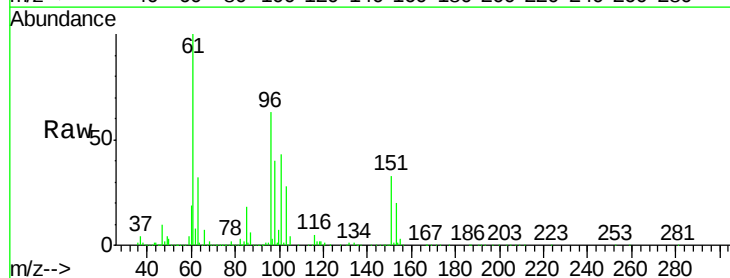
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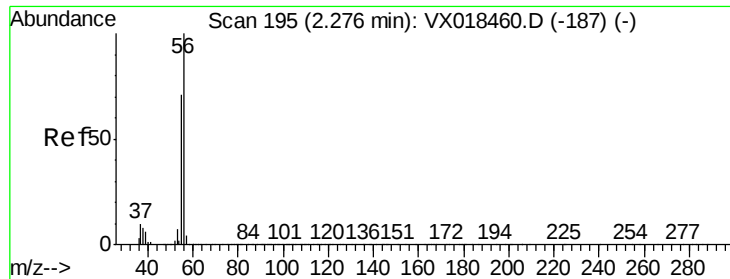
MMDadoda
9/28/2020 12:51:37 PM



#12
1,1-Dichloroethene
Concen: 47.458 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	142.2	213.4
98	63.4	52.4	78.6





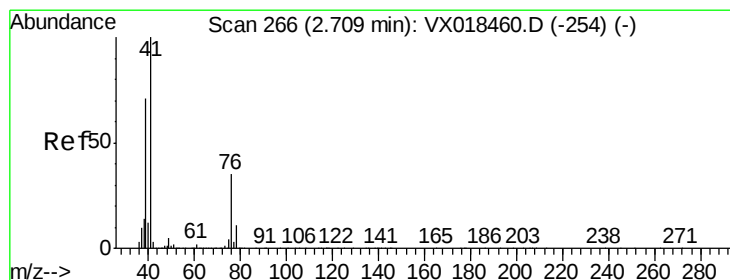
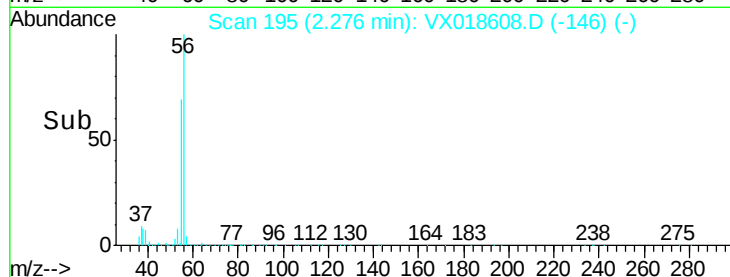
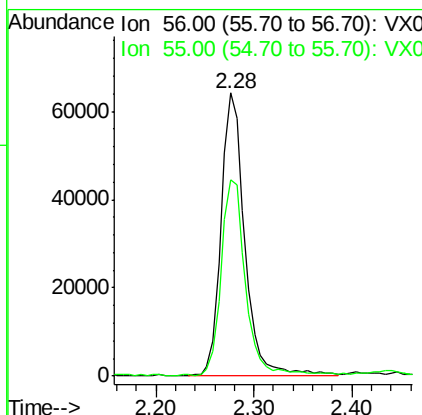
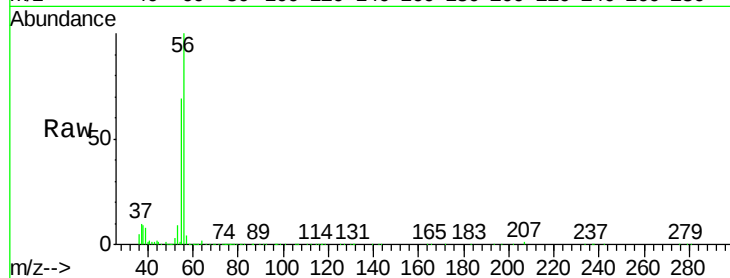
#13
Acrolein
Concen: 168.777 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.8	58.2	87.4

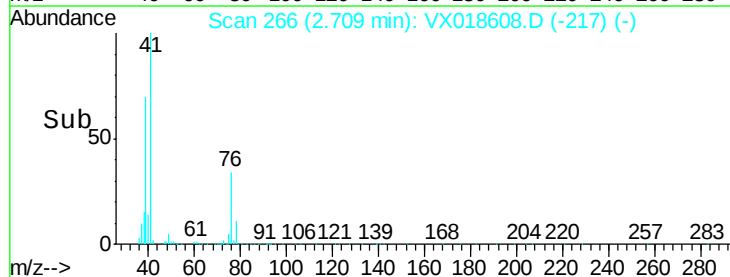
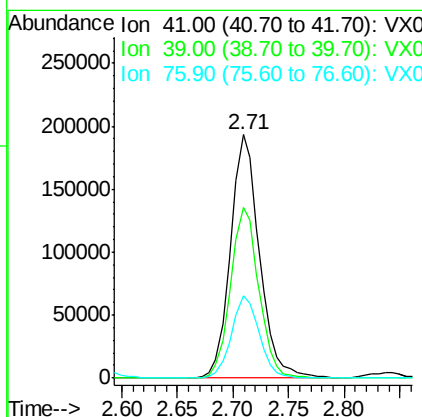
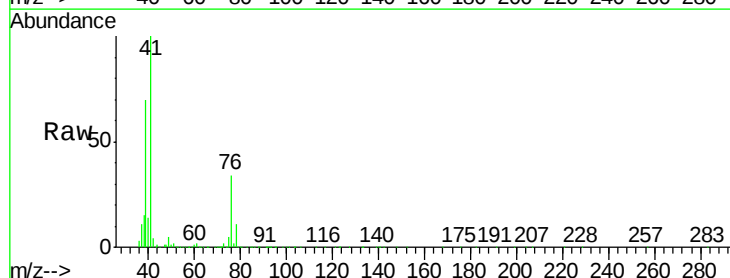
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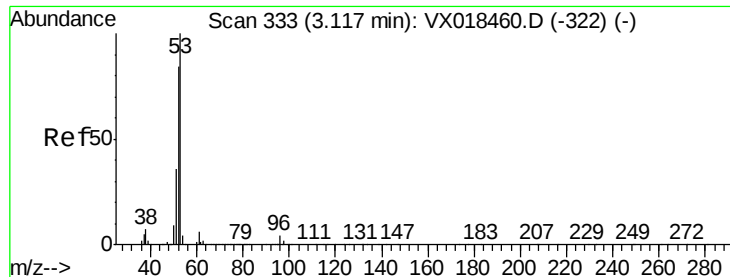
MMDadoda
9/28/2020 12:51:37 PM



#14
Allyl chloride
Concen: 45.110 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	68.9	51.1	76.7
76	76	32.4	26.0	39.0





#15

Acrylonitrile

Concen: 241.566 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

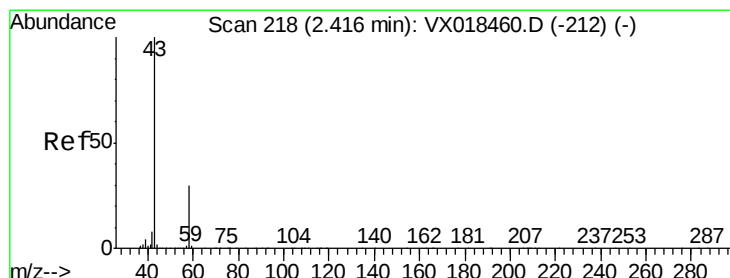
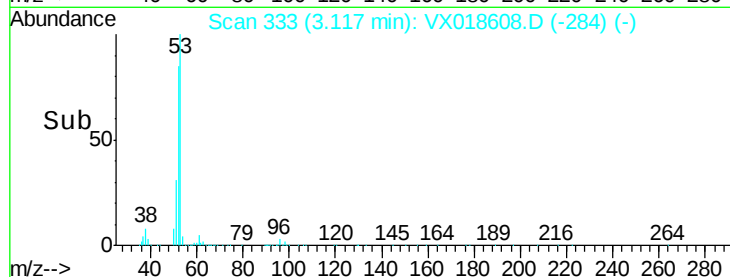
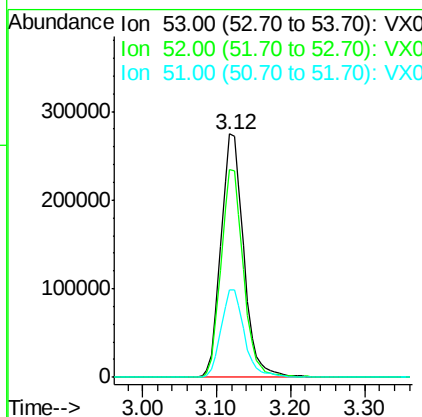
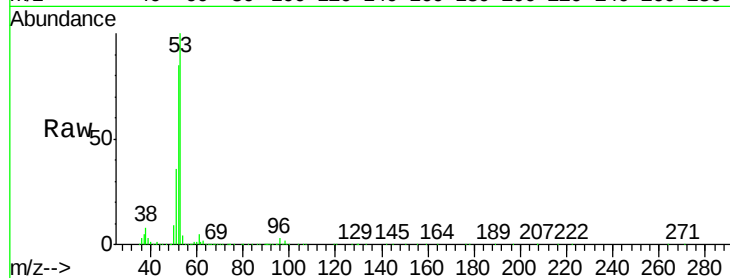
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	580472
Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.8	98.8
51	37.0	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 222.724 ug/l

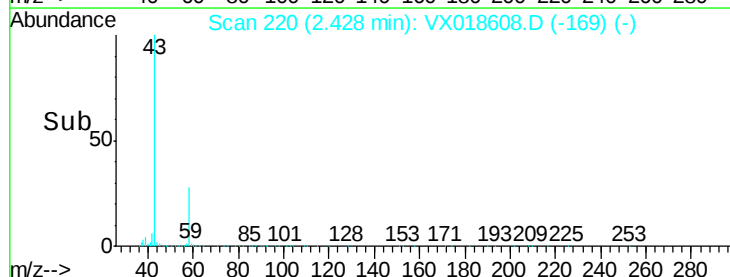
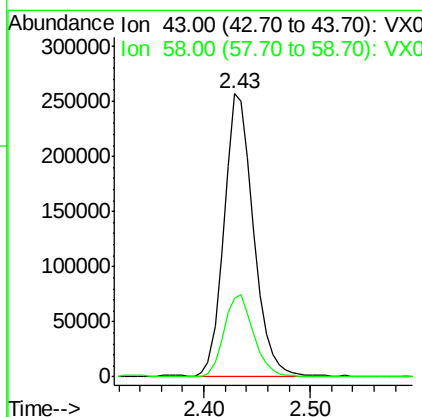
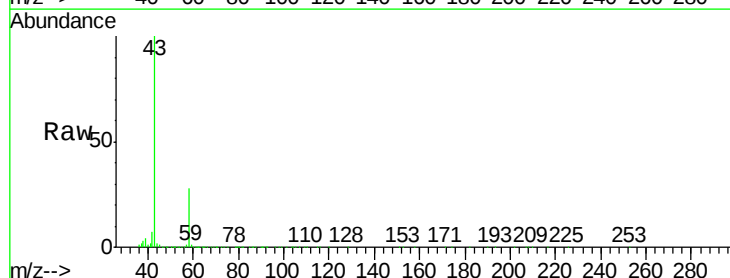
RT: 2.43 min Scan# 220

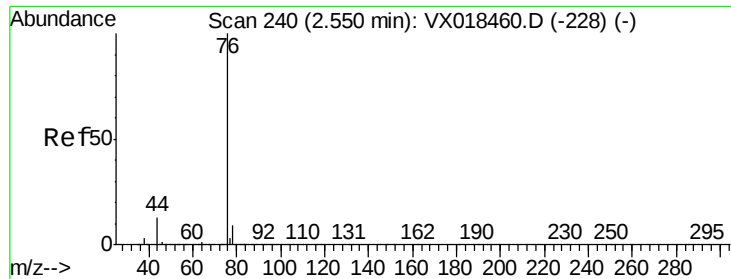
Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion:	43	Resp:	493012
Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.0	36.0





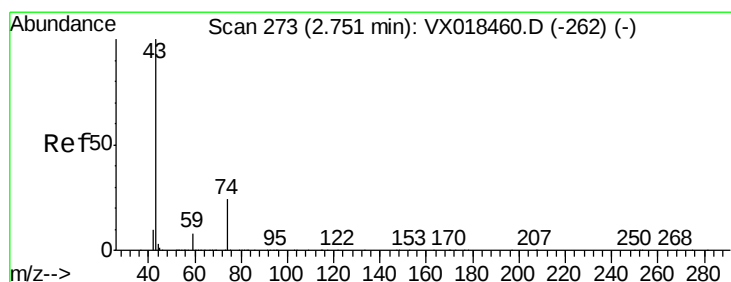
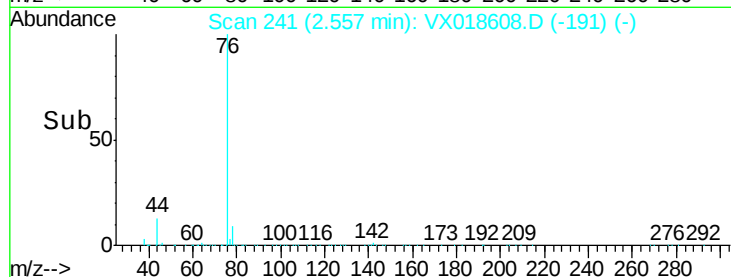
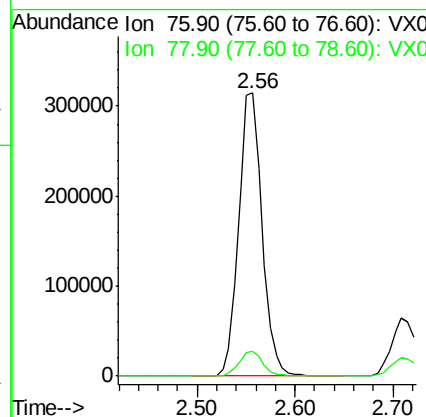
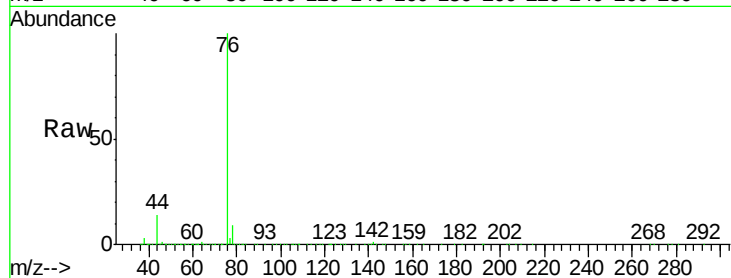
#17
Carbon Disulfide
Concen: 44.178 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

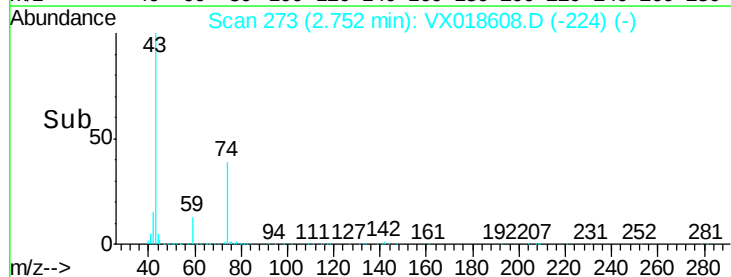
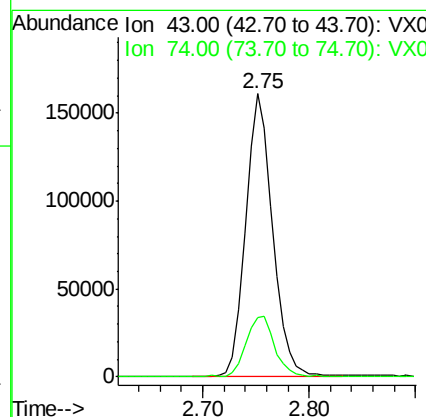
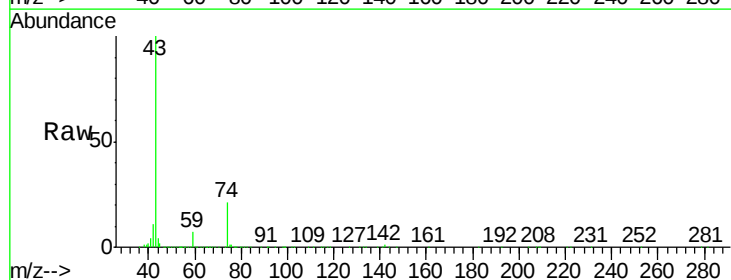
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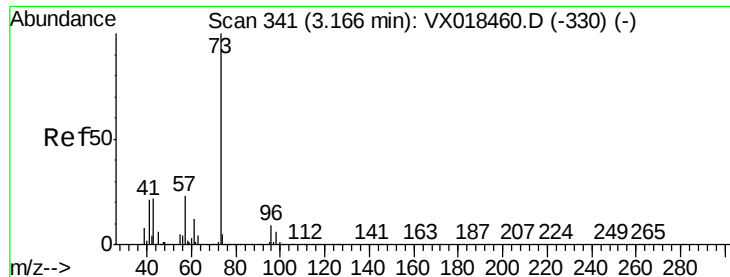
MMDadoda
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#18
Methyl Acetate
Concen: 52.042 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.3	27.5





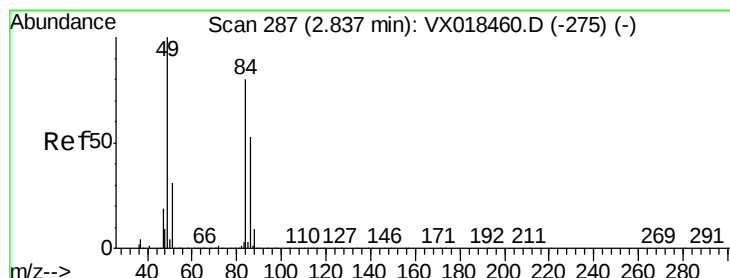
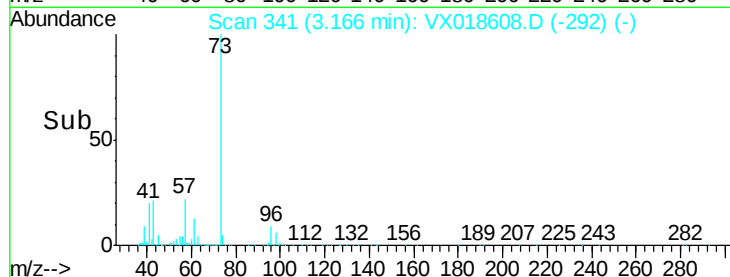
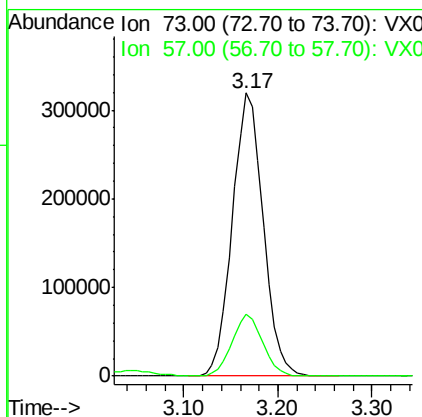
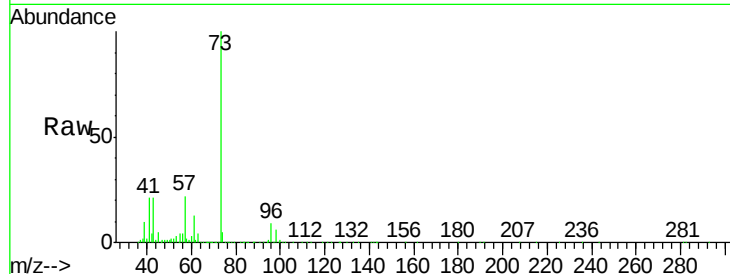
#19
Methyl tert-butyl Ether
Concen: 52.429 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.0	27.0

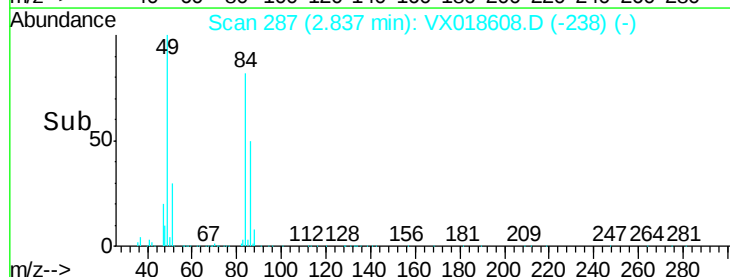
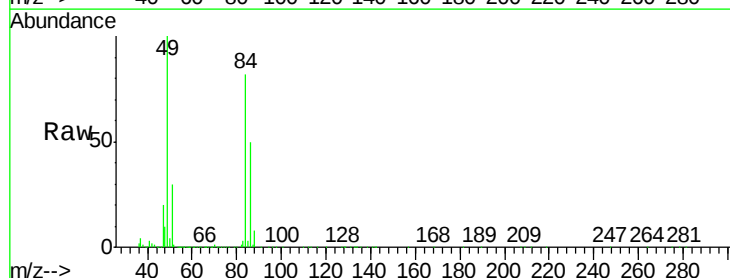
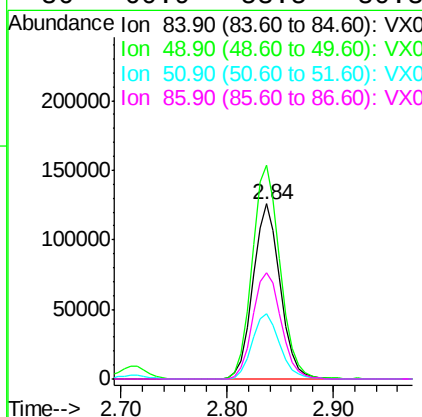
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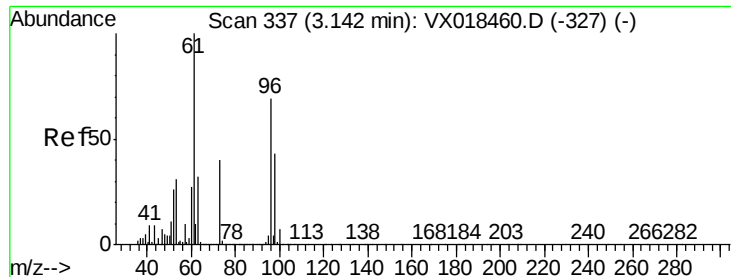
MMDadoda
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#20
Methylene Chloride
Concen: 46.188 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	100.6	151.0
51	37.0	30.9	46.3
86	60.9	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 45.167 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

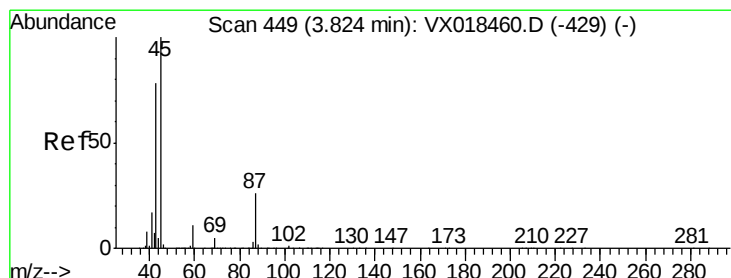
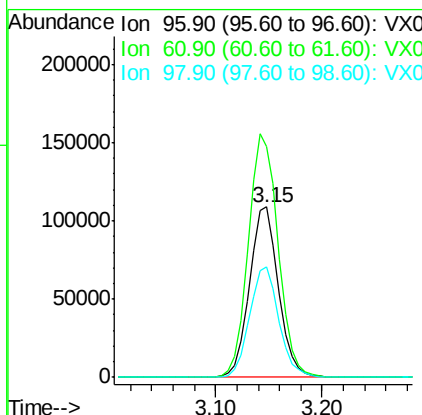
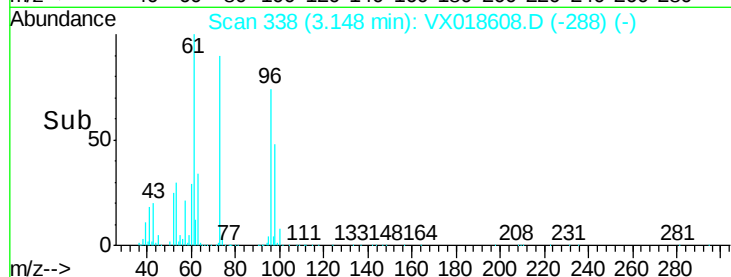
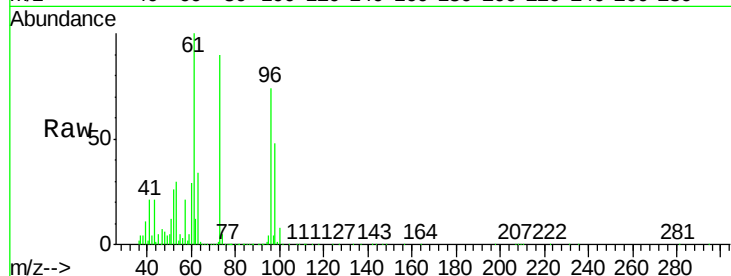
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	207991
Ion Ratio	Lower	Upper	
96	100		
61	135.3	115.6	173.4
98	65.0	50.2	75.4

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#22

Diisopropyl ether

Concen: 49.650 ug/l

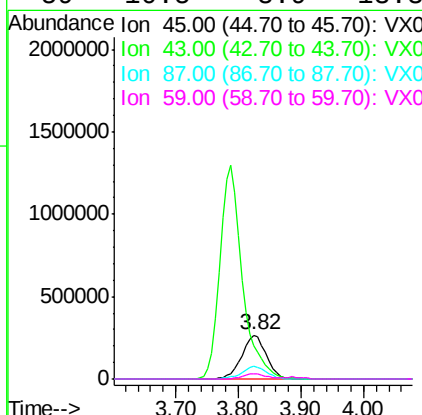
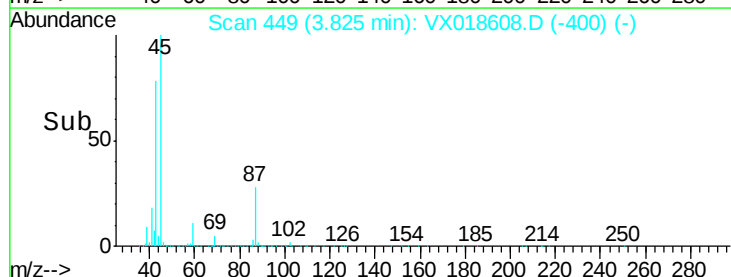
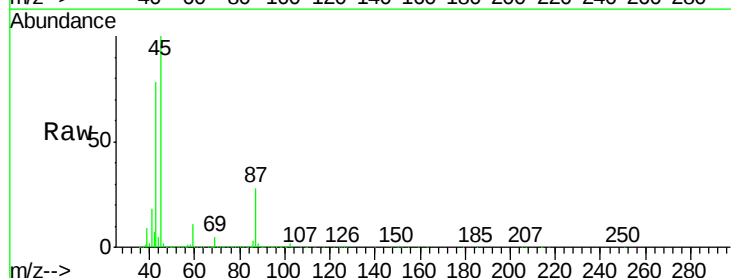
RT: 3.82 min Scan# 449

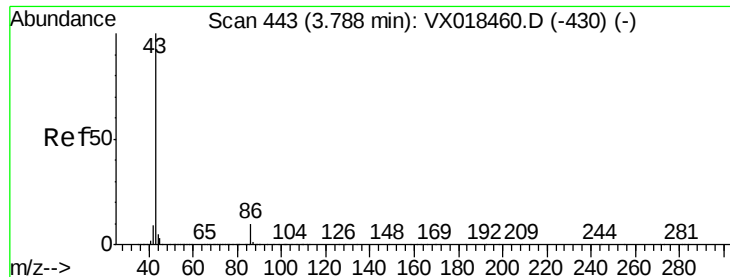
Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion:	45	Resp:	716588
Ion Ratio	Lower	Upper	
45	100		
43	77.7	62.4	93.6
87	28.1	21.2	31.8
59	10.5	8.9	13.3





#23

Vinyl Acetate

Concen: 251.315 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3214119

Ion Ratio Lower Upper

43 100

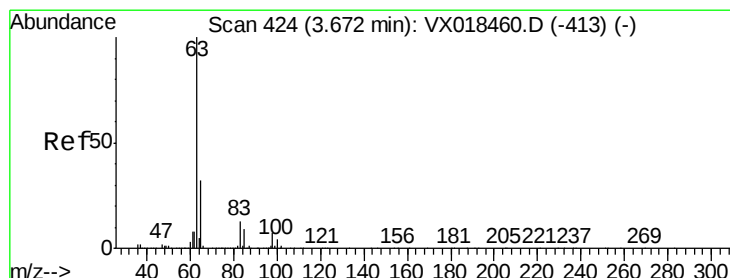
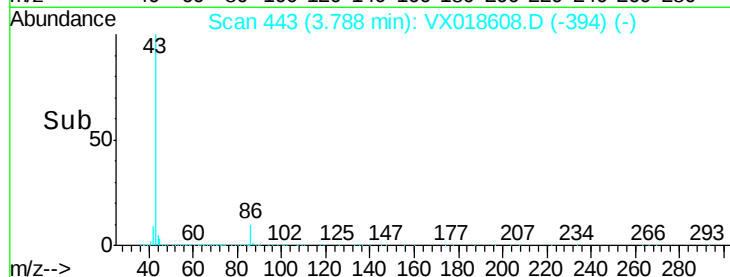
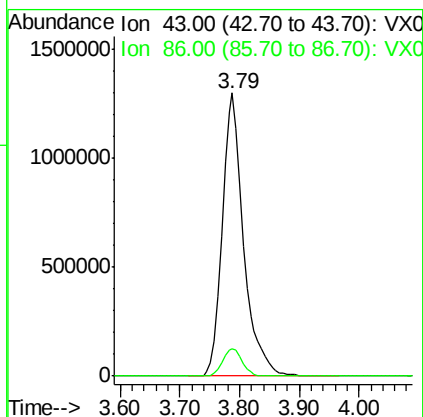
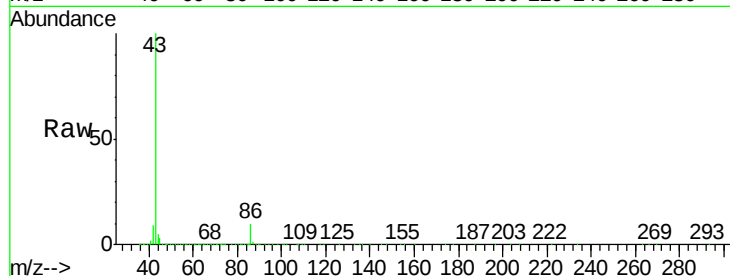
86 9.7 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.568 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

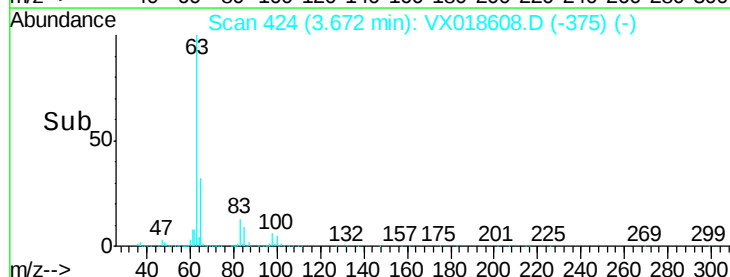
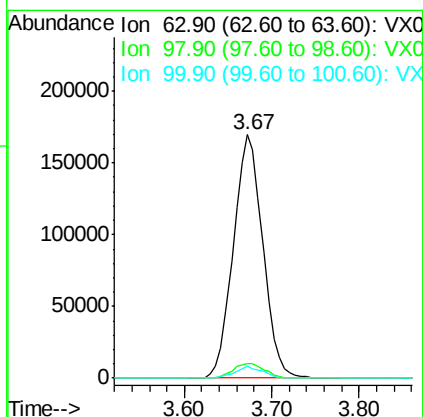
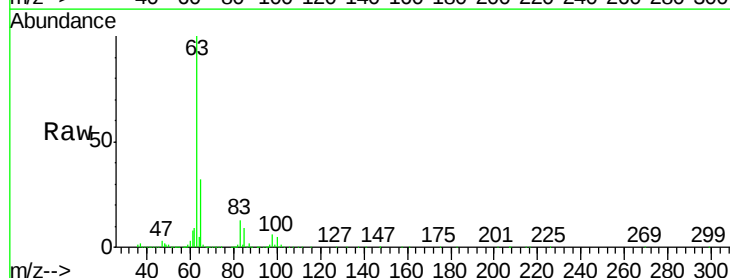
Tgt Ion: 63 Resp: 395935

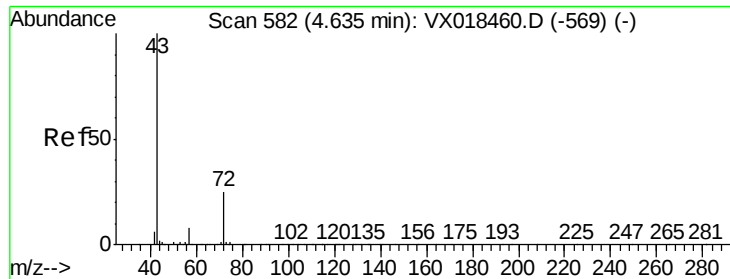
Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.6

100 5.0 1.9 5.7





#25

2-Butanone

Concen: 232.712 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 802179

Ion Ratio Lower Upper

43 100

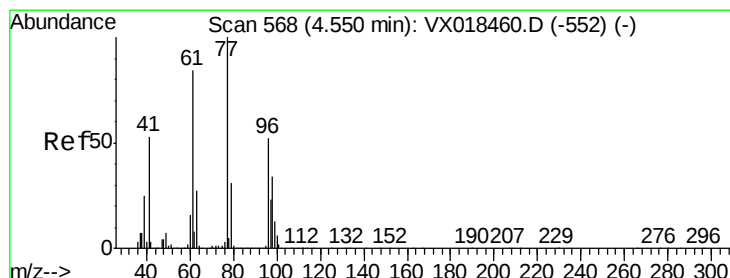
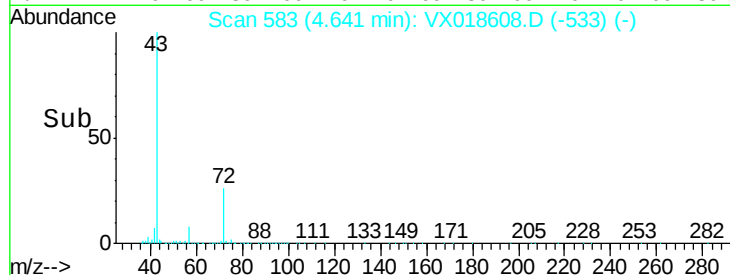
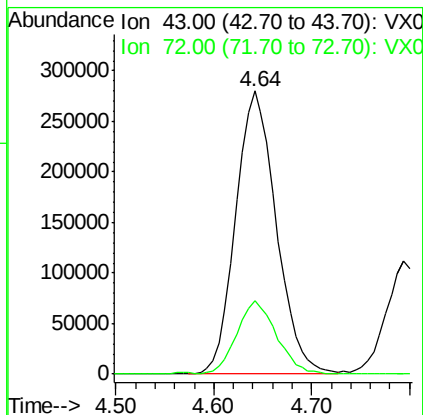
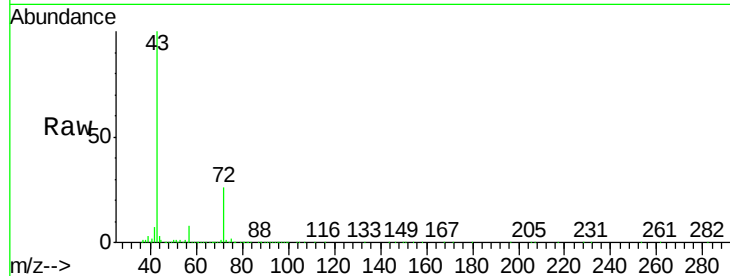
72 25.6 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.503 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018608.D

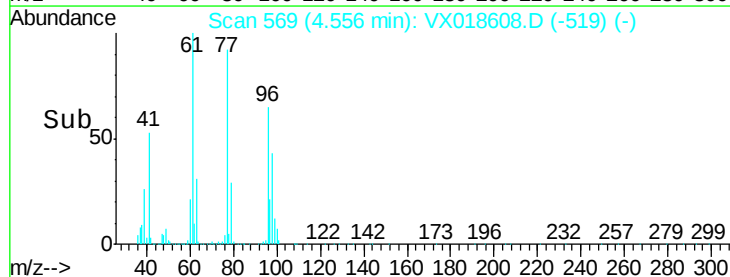
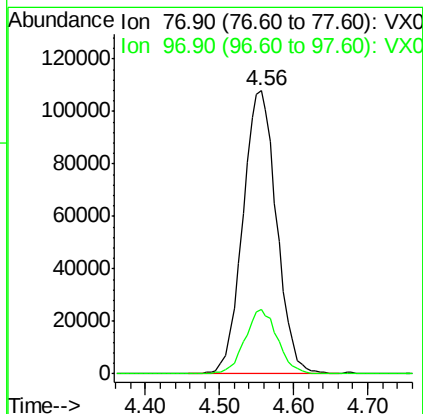
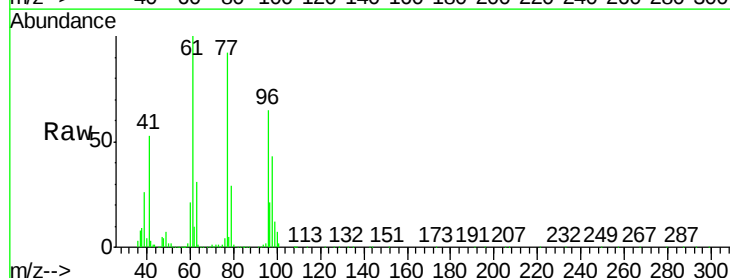
Acq: 25 Sep 2020 20:01

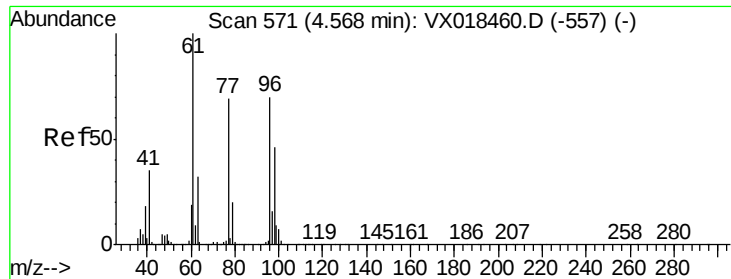
Tgt Ion: 77 Resp: 342253

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.5





#27

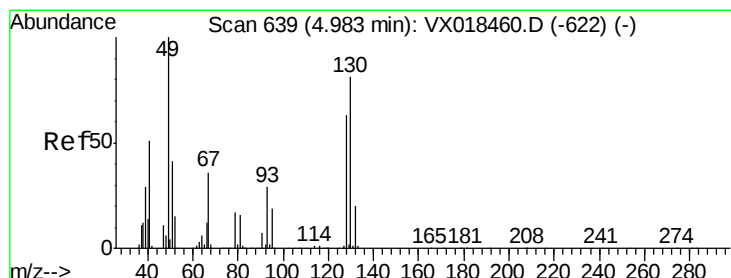
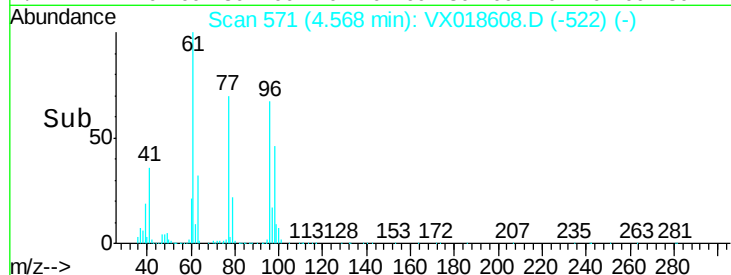
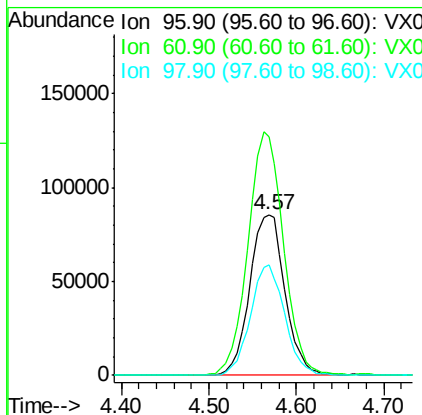
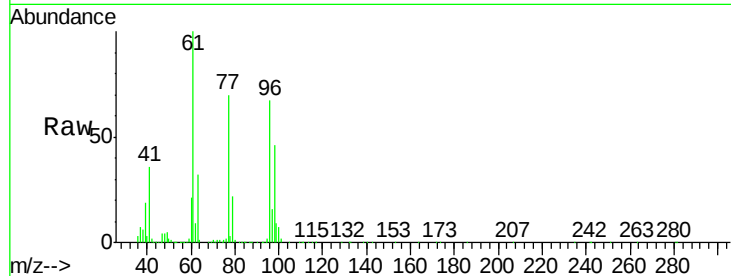
cis-1,2-Dichloroethene
Concen: 46.476 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	239884		
61	153.3	0.0	300.0	
98	67.1	0.0	130.4	

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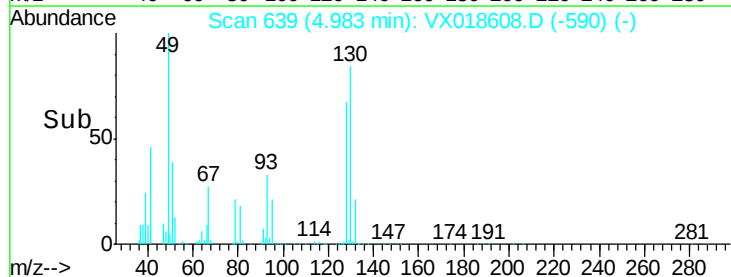
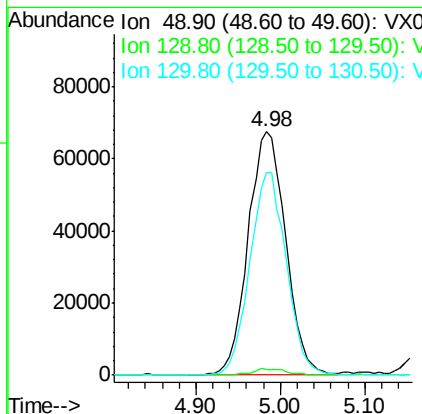
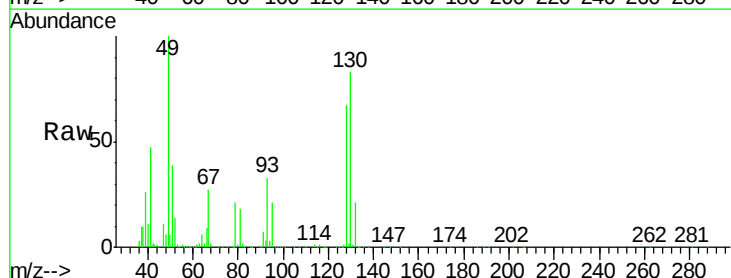
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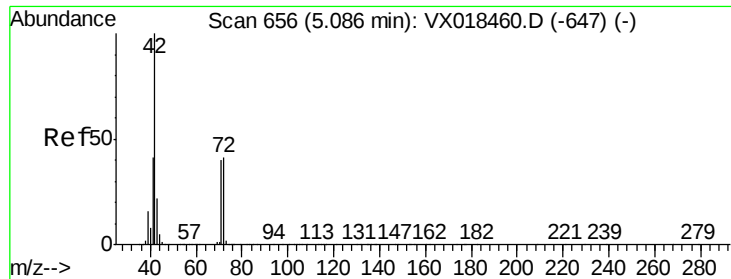


#28

Bromochloromethane
Concen: 52.721 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	205346		
129	2.6	0.0	4.6	
130	80.9	65.0	97.4	





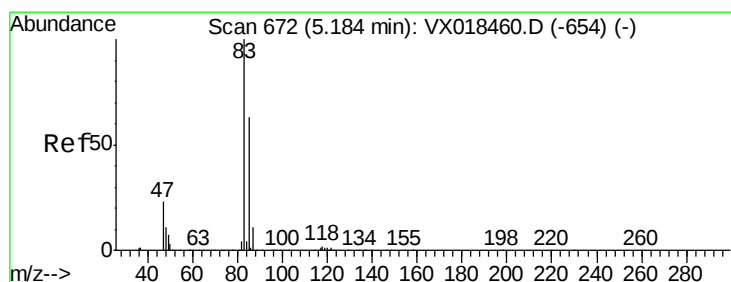
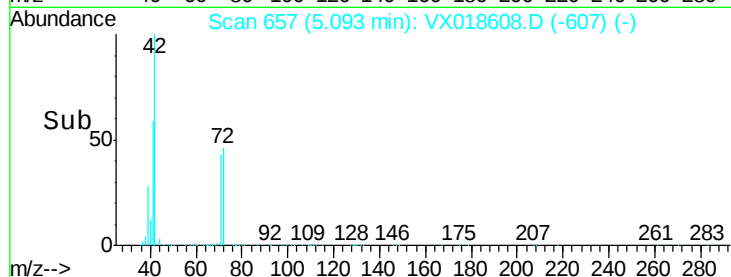
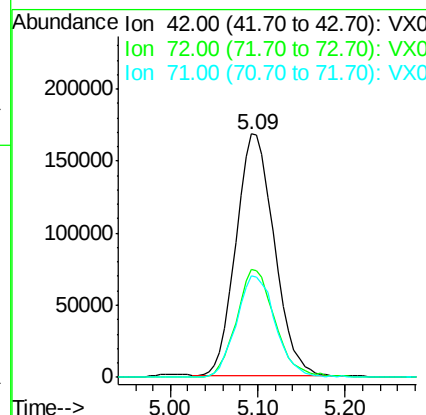
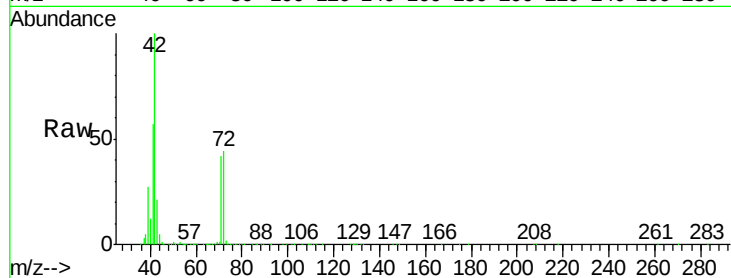
#29
Tetrahydrofuran
Concen: 236.420 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.3	51.5
71	42.3	32.1	48.1

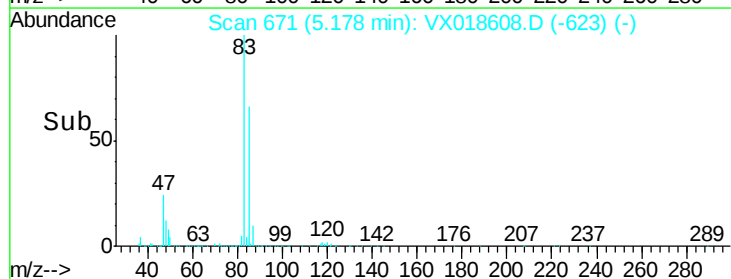
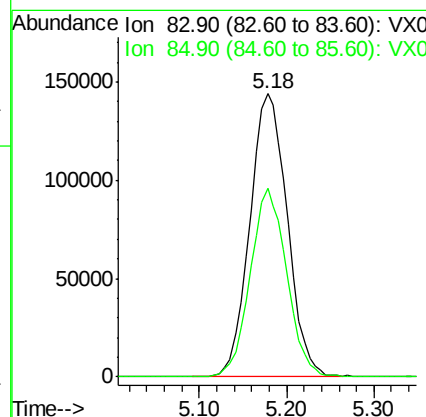
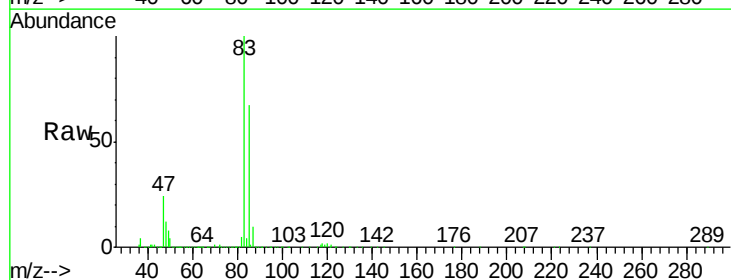
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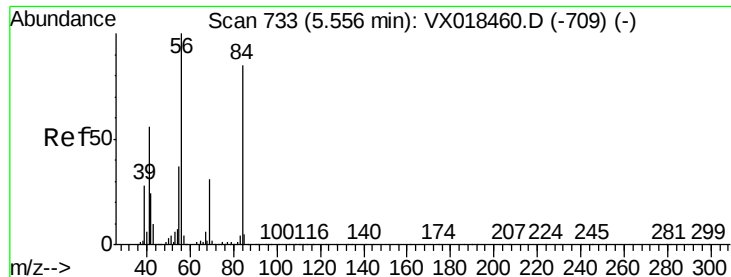
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#30
Chloroform
Concen: 50.785 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.6	76.0





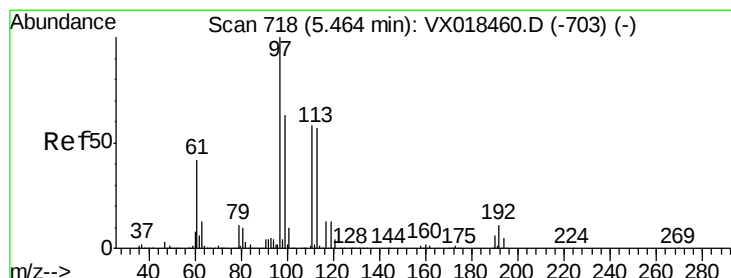
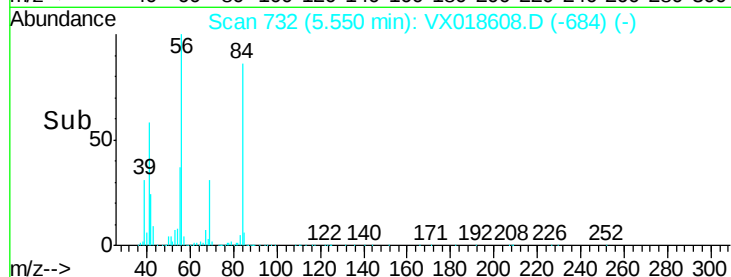
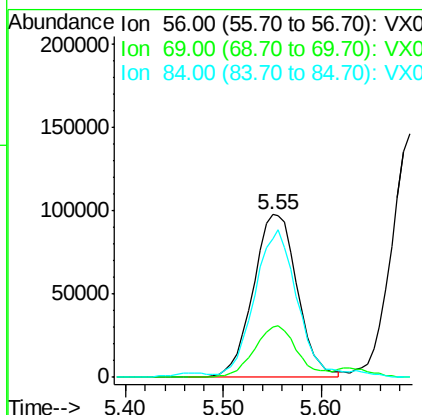
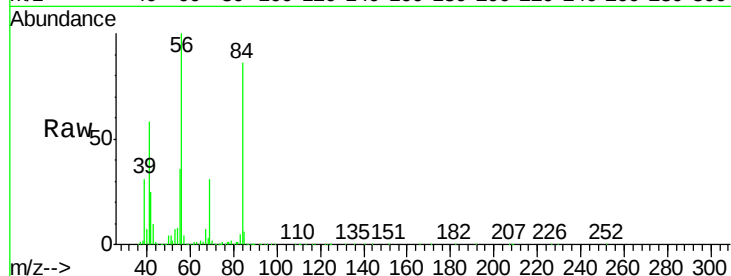
#31
Cyclohexane
Concen: 43.618 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.8	37.2
84	83.1	67.6	101.4

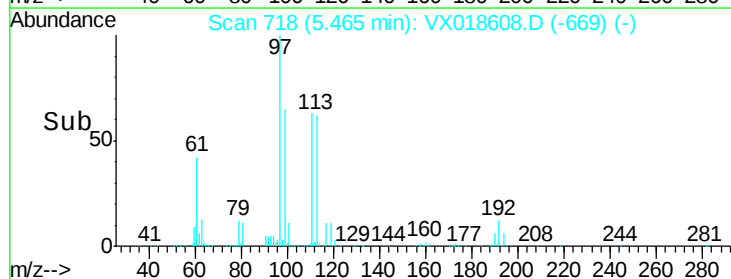
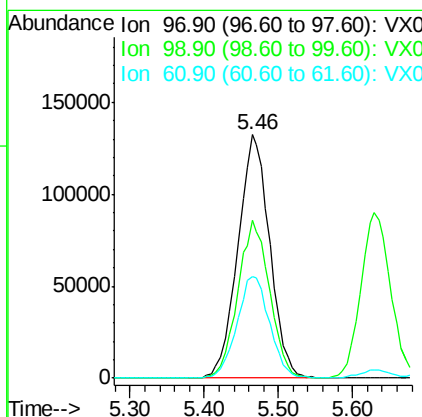
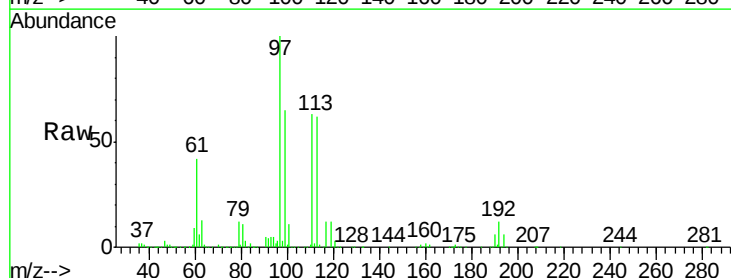
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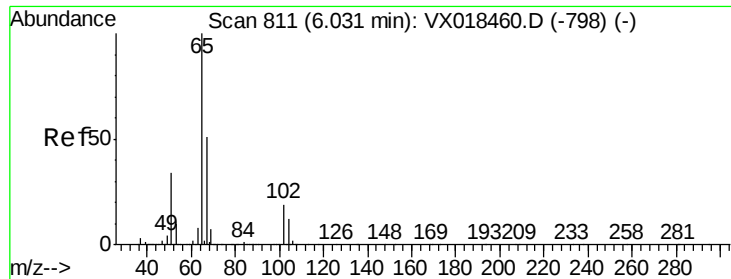
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#32
1,1,1-Trichloroethane
Concen: 49.972 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.5	75.7
61	42.9	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 54.369 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tot Ion: 65 Resp: 314688

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.6

Instrument :

MSVOA_X

ClientSampleId :

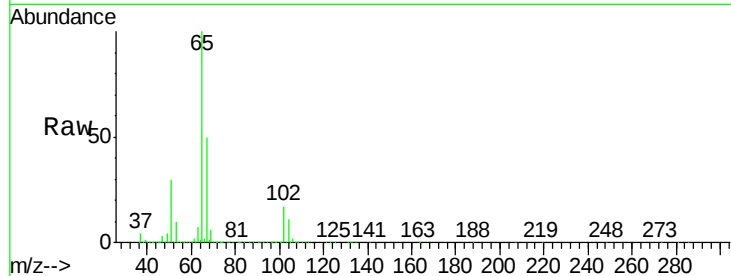
VSTDCCC050EC

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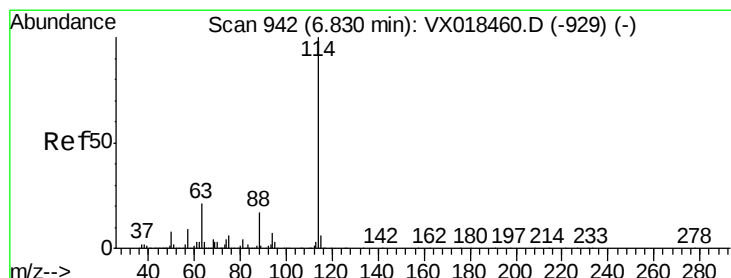
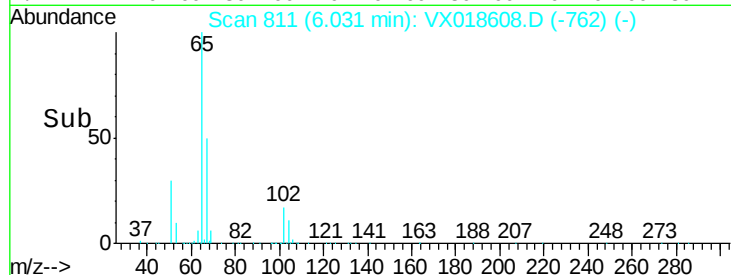
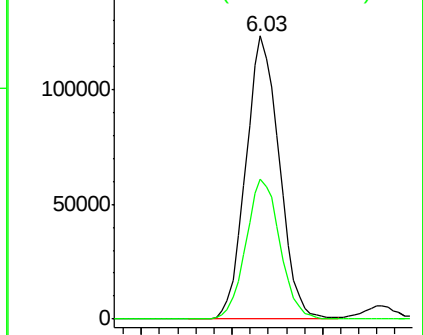
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

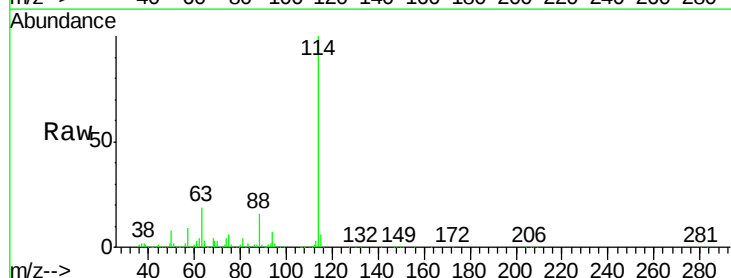
Tgt Ion: 114 Resp: 656977

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

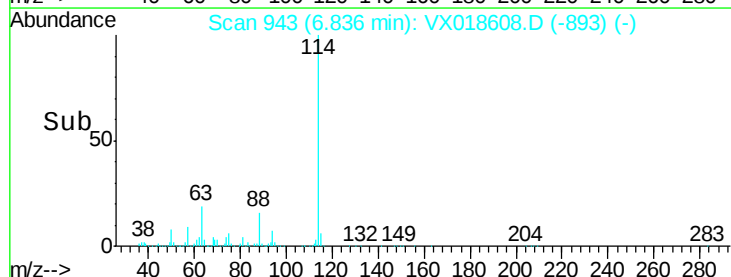
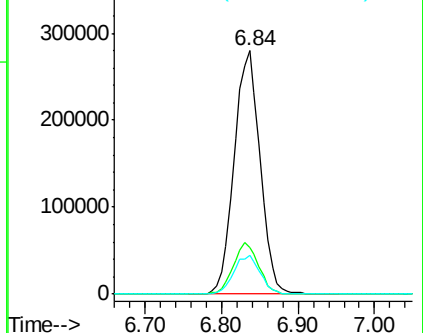
88 16.1 0.0 33.6

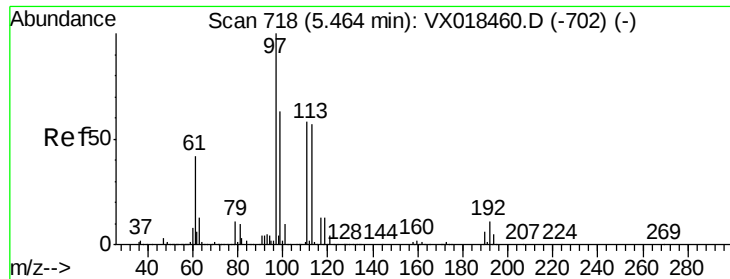


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.554 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

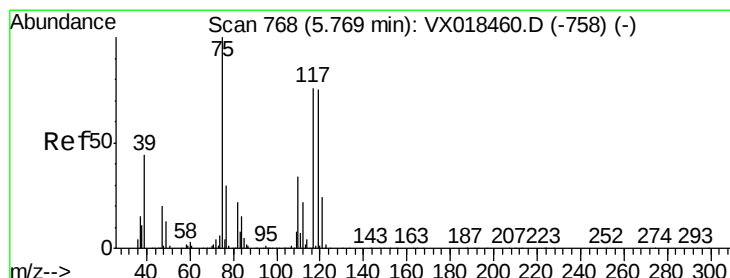
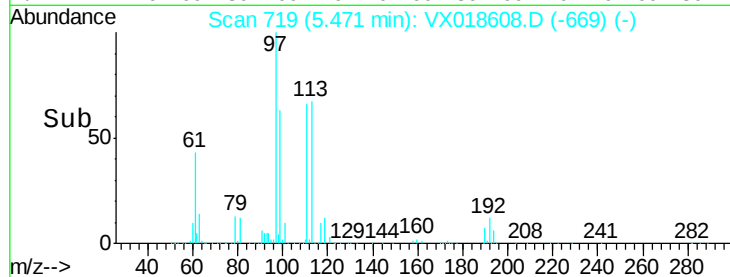
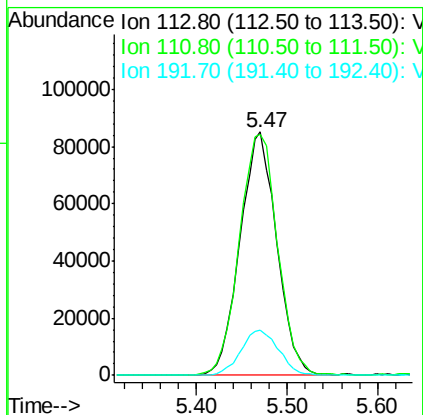
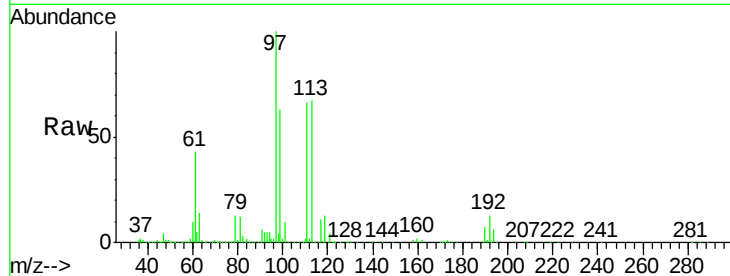
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	238689
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.4	122.2
192	19.4	16.6	24.8

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#36

1,1-Dichloropropene

Concen: 45.626 ug/l

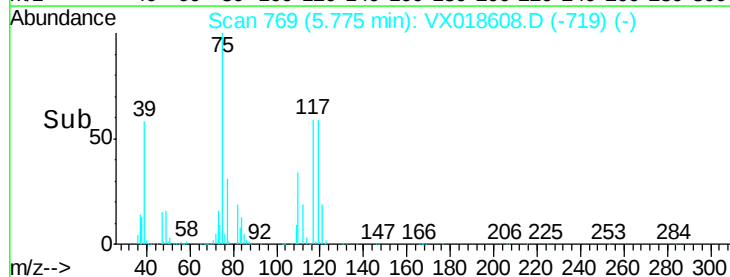
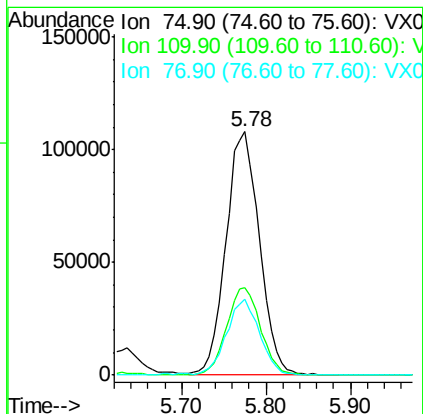
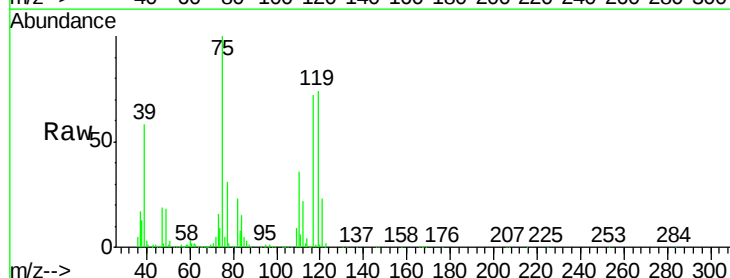
RT: 5.78 min Scan# 769

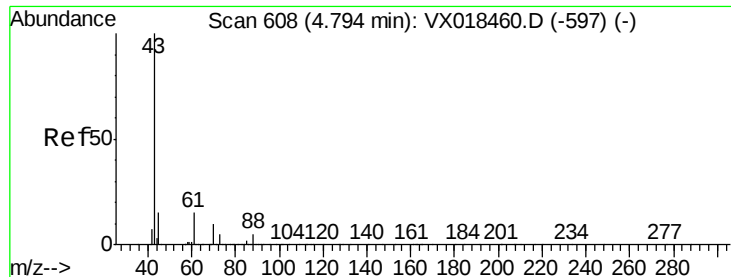
Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion:	75	Resp:	290940
Ion Ratio	Lower	Upper	
75	100		
110	36.4	17.6	52.8
77	30.7	25.0	37.6





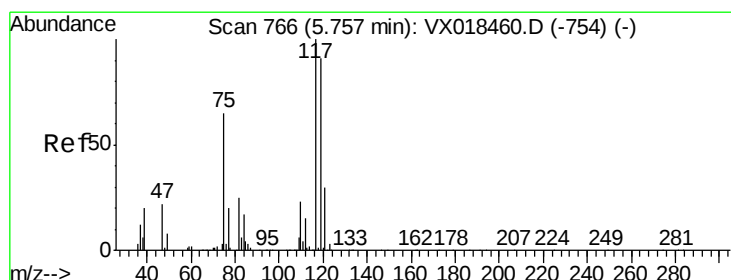
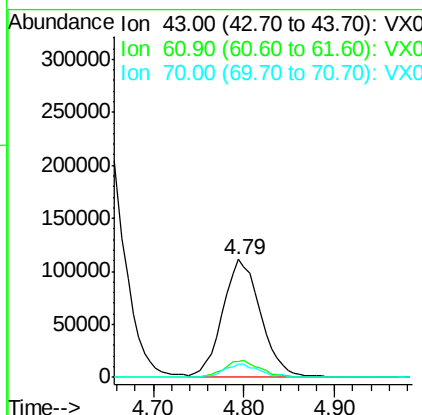
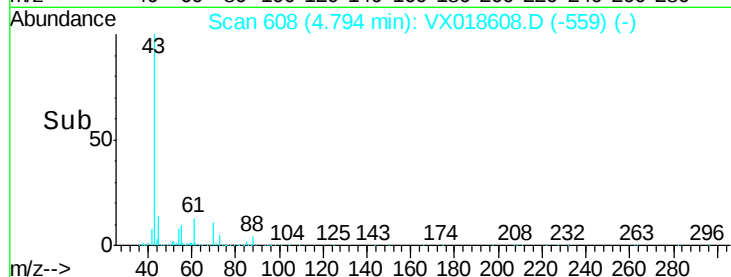
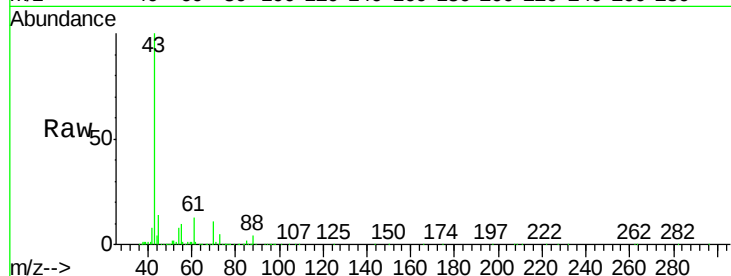
#37
Ethyl Acetate
Concen: 47.196 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	10.8	8.3	12.5

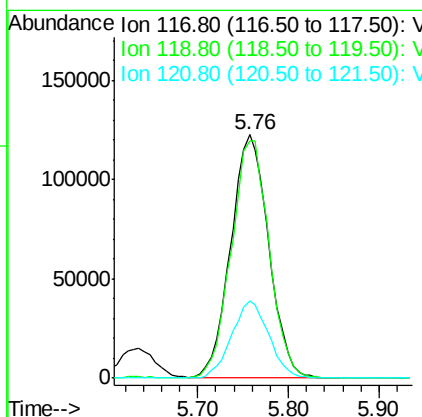
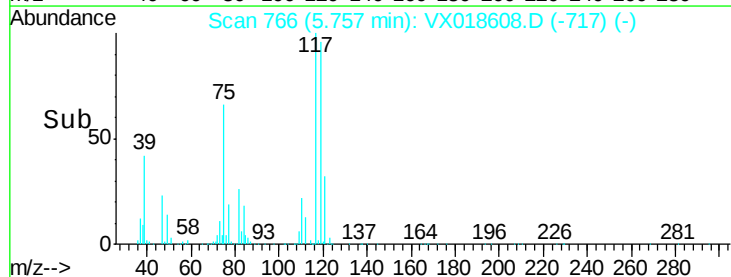
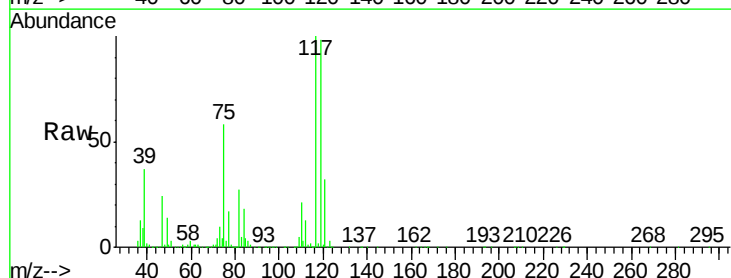
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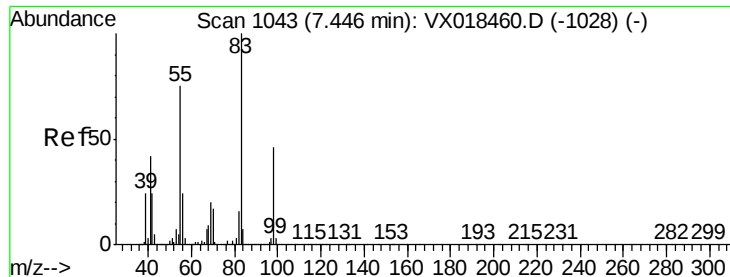
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#38
Carbon Tetrachloride
Concen: 50.225 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	72.3	108.5
121	31.6	23.8	35.8





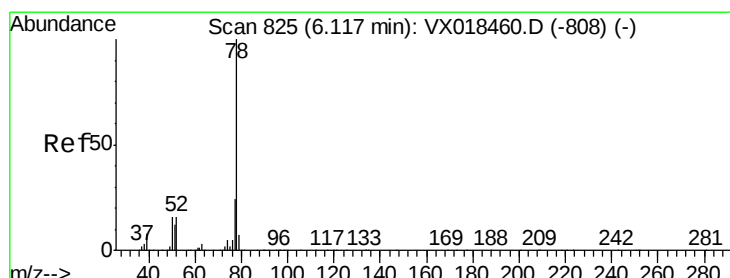
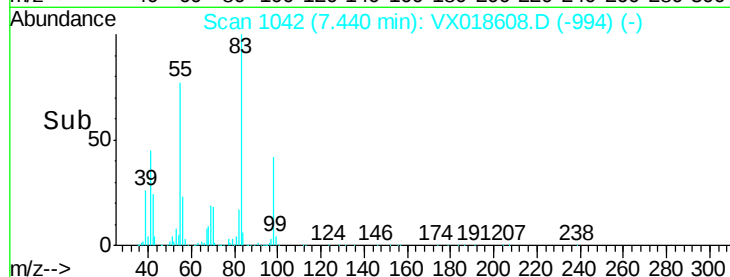
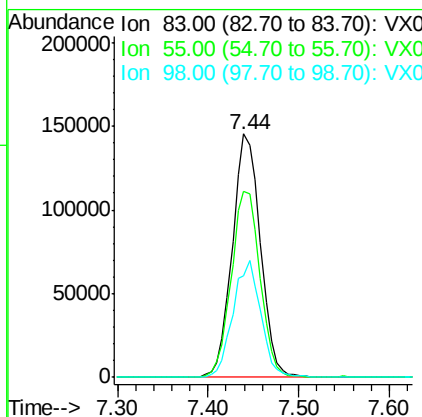
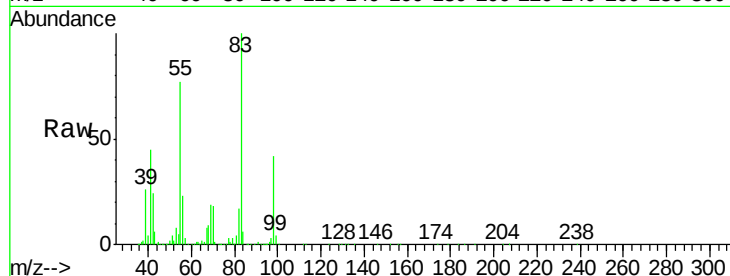
#39
Methvlcvclohexane
Concen: 43.753 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.6	60.2	90.4	
98	41.8	36.4	54.6	

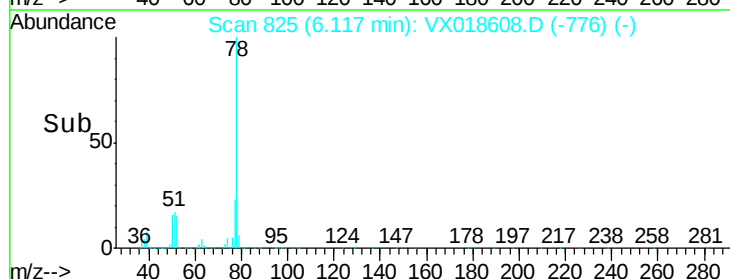
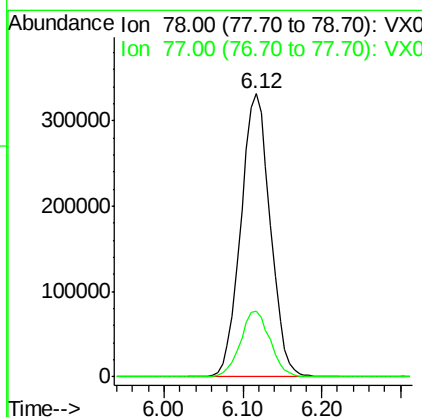
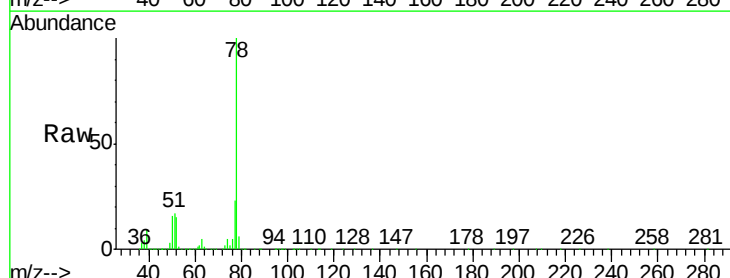
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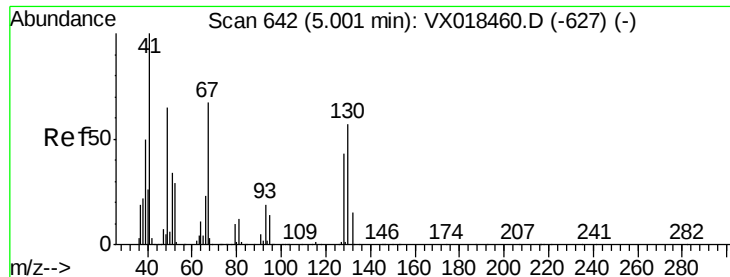
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#40
Benzene
Concen: 47.152 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	19.0	28.4	





#41

Methacrylonitrile

Concen: 48.127 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

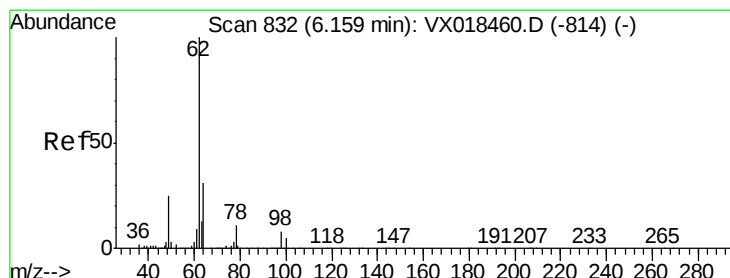
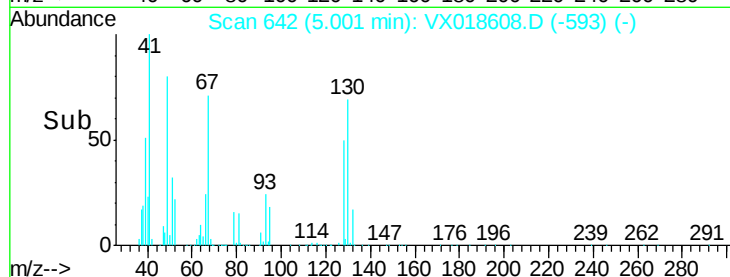
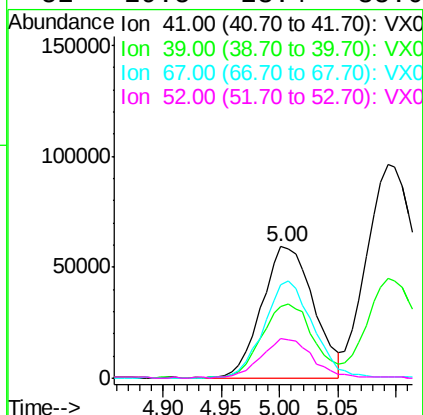
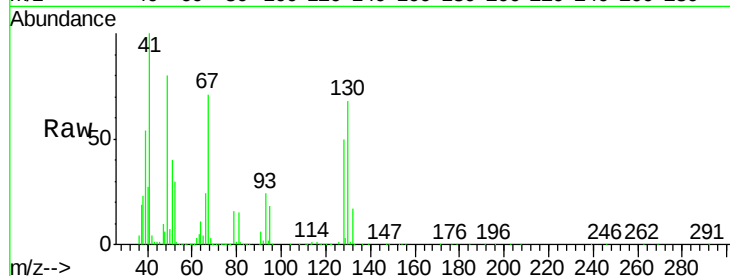
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		182096		
39	56.7	45.3	67.9		
67	70.6	56.7	85.1		
52	29.5	23.4	35.0		

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#42

1,2-Dichloroethane

Concen: 52.249 ug/l

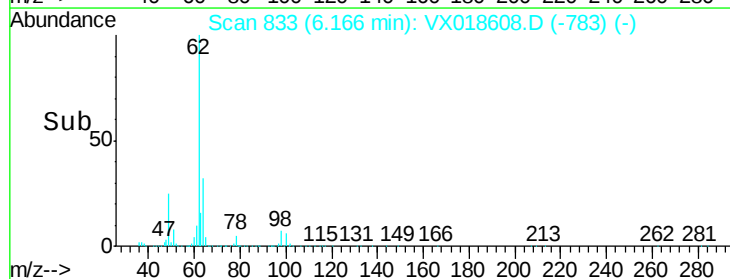
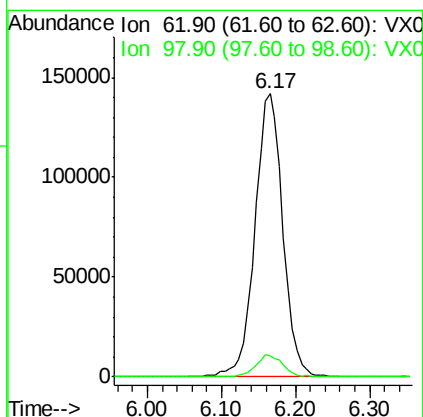
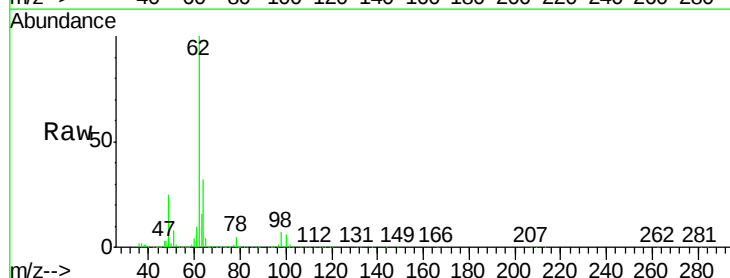
RT: 6.17 min Scan# 833

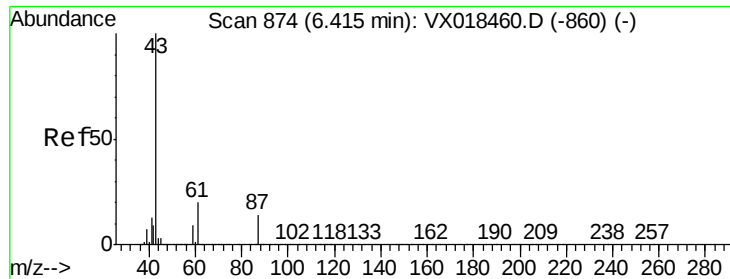
Delta R.T. 0.01 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		371465		
98	7.7	0.0	16.6		





#43

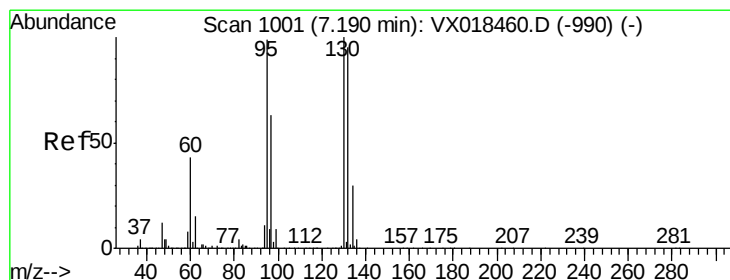
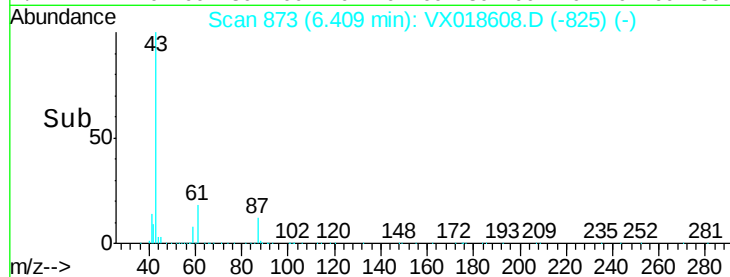
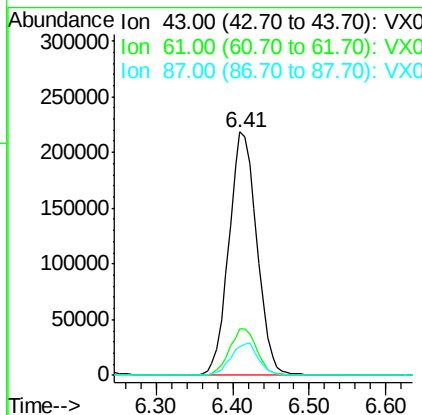
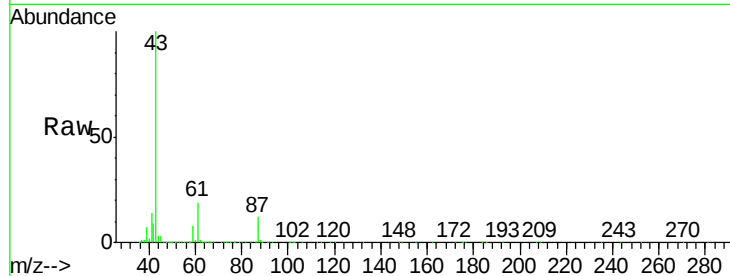
Isopropyl Acetate
 Concen: 48.574 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.7	23.5
87	13.3	10.4	15.6

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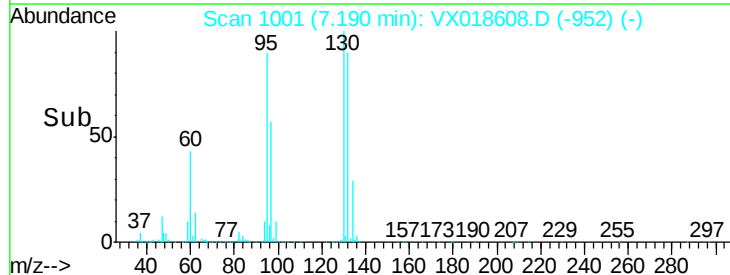
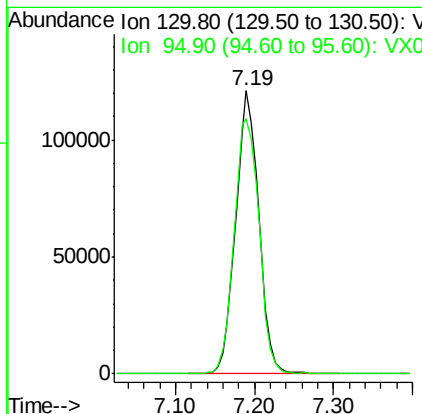
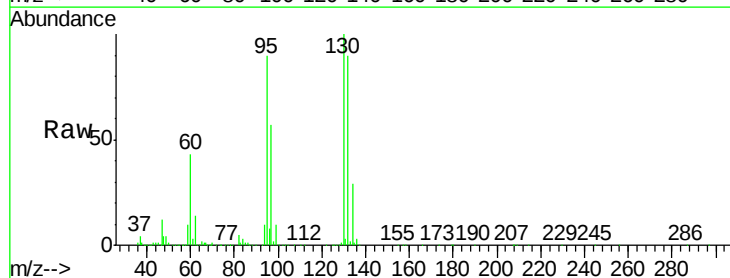
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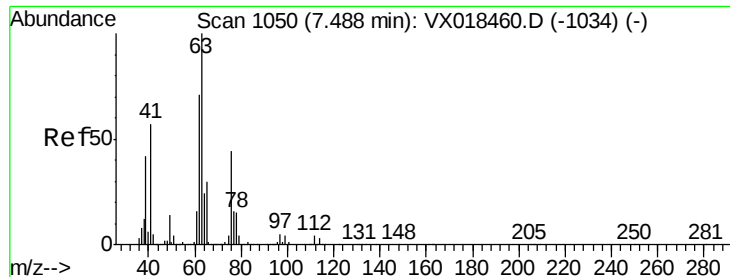


#44

Trichloroethene
 Concen: 46.816 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	197.4





#45

1,2-Dichloropropane

Concen: 46.912 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 235306

Ion Ratio Lower Upper

63 100

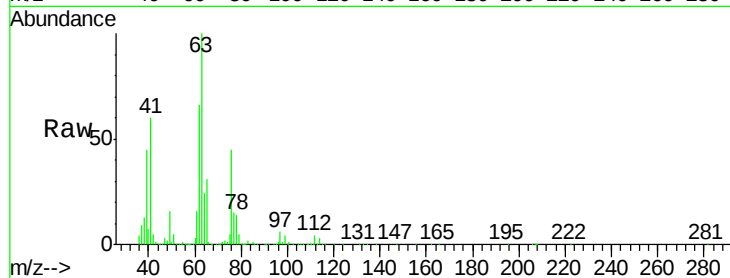
65 31.1 24.1 36.1

Manual Integrations

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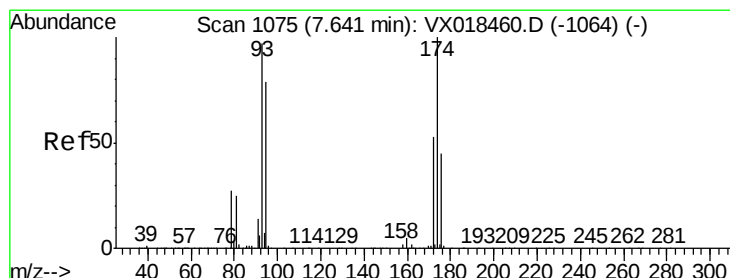
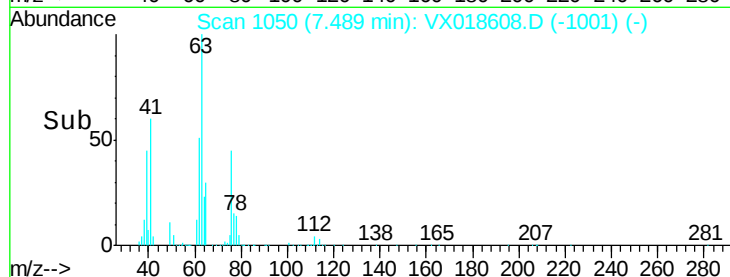
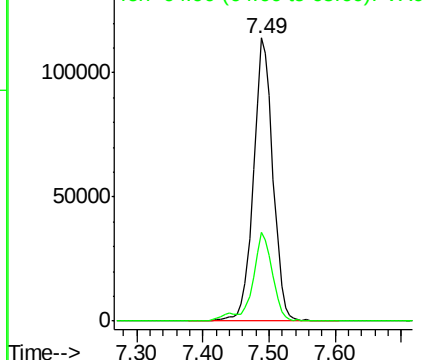
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.167 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

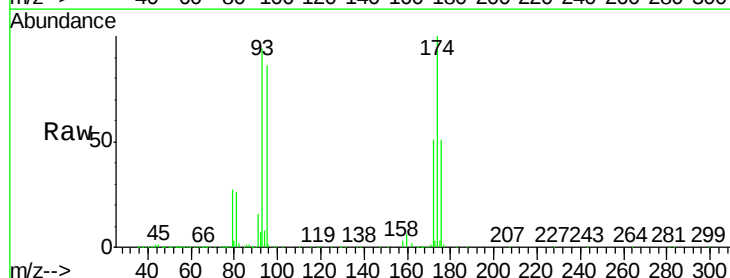
Tgt Ion: 93 Resp: 169434

Ion Ratio Lower Upper

93 100

95 84.3 65.0 97.4

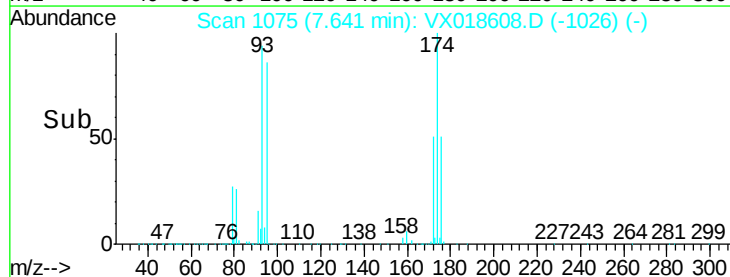
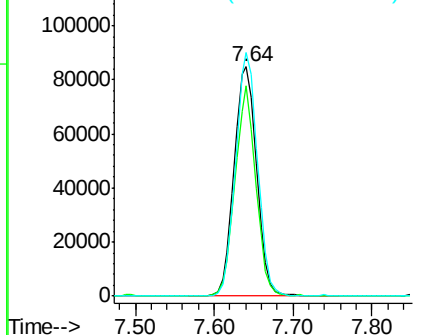
174 102.7 82.0 123.0

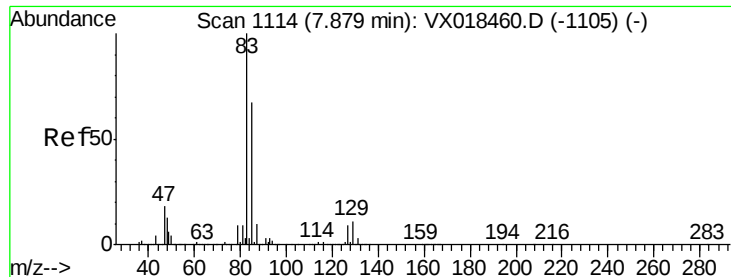


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.778 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

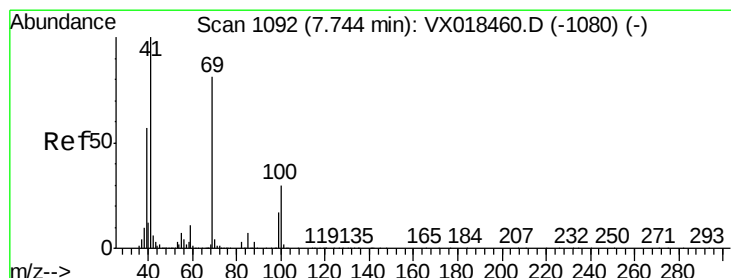
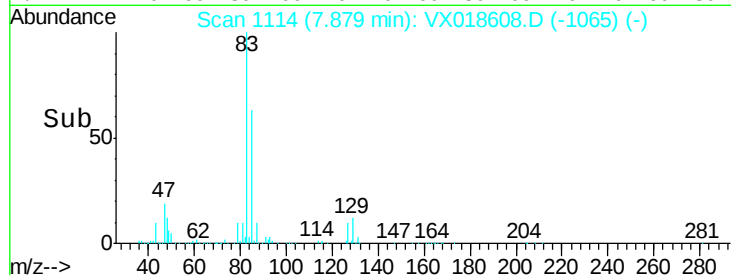
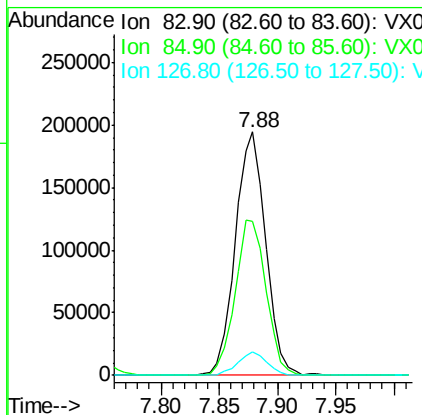
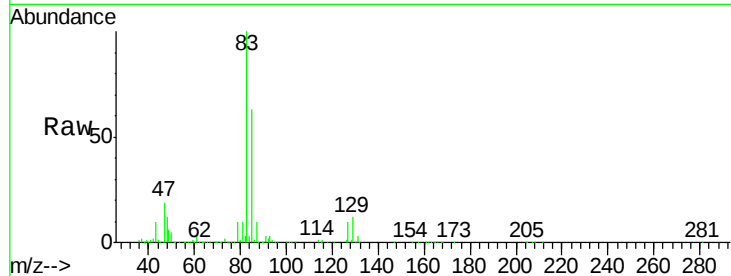
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	352654
Ion Ratio	Lower	Upper	
83	100		
85	63.0	53.3	79.9
127	9.6	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.814 ug/l

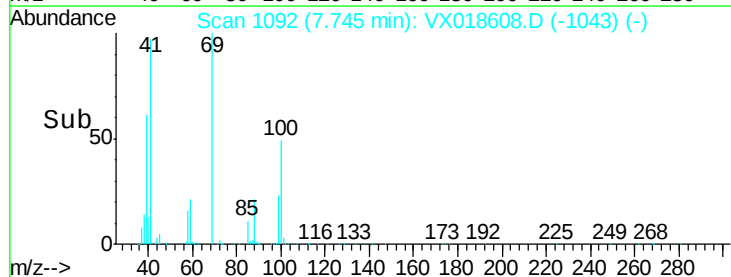
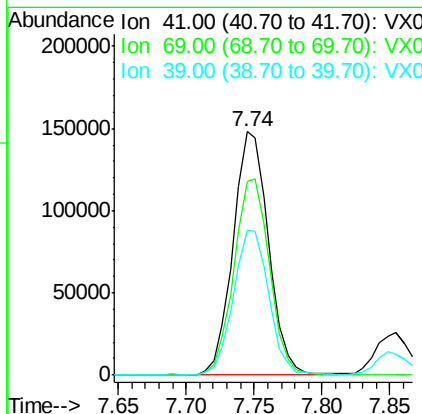
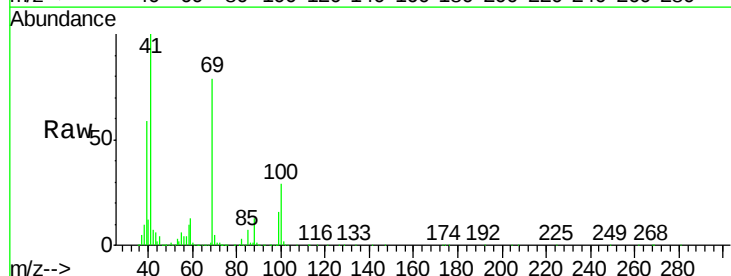
RT: 7.74 min Scan# 1092

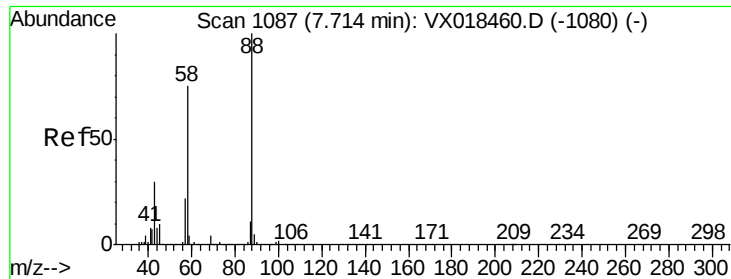
Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion:	41	Resp:	268476
Ion Ratio	Lower	Upper	
41	100		
69	81.1	63.7	95.5
39	59.3	45.0	67.4





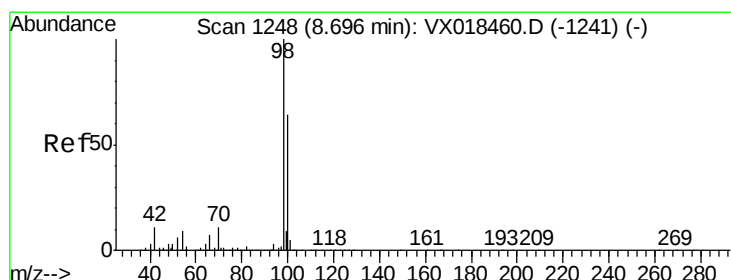
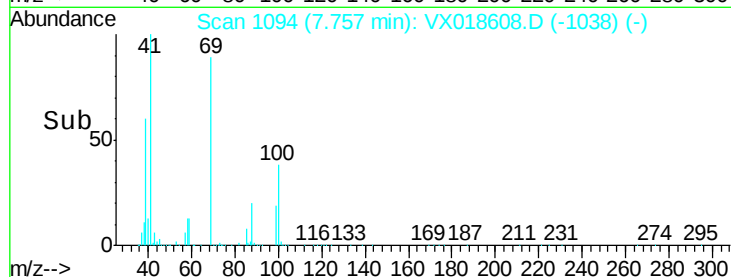
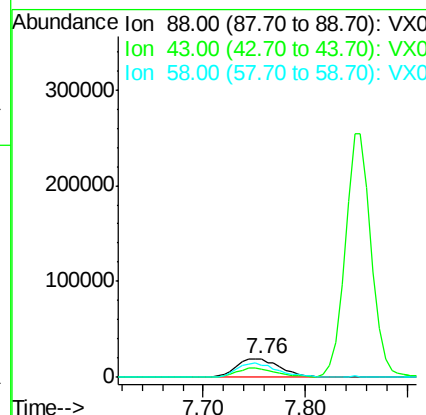
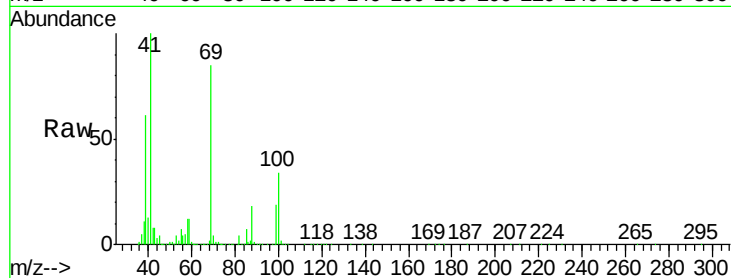
#49
1,4-Dioxane
Concen: 639.330 ug/l
RT: 7.76 min Scan# 1094
Delta R.T. 0.04 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	29.9	44.9
58	72.5	59.0	88.6

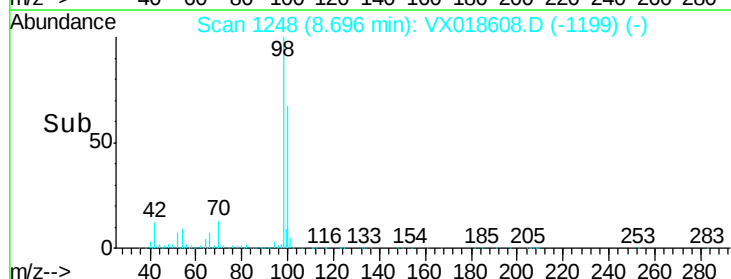
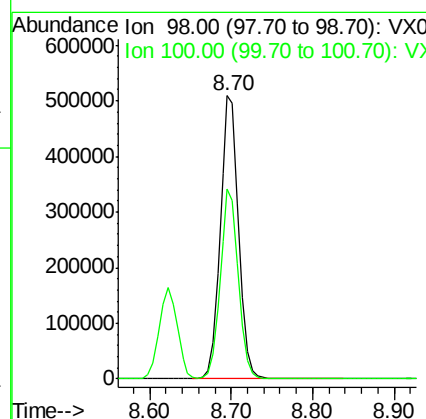
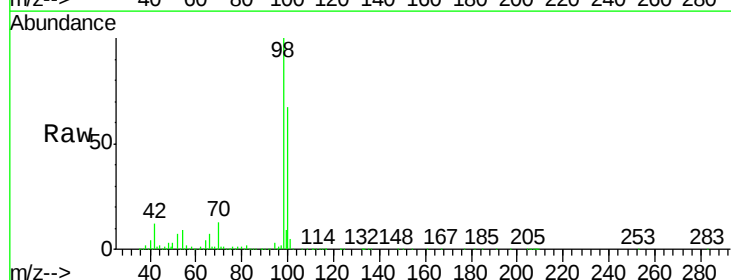
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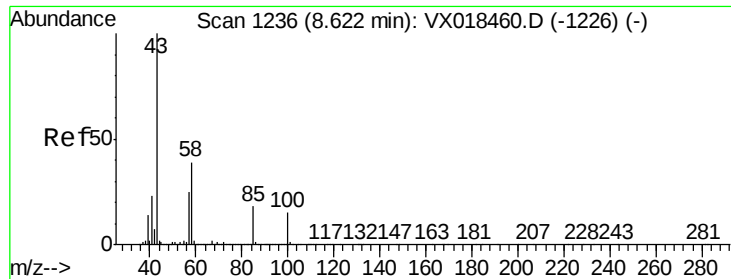
MMDadoda
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#50
Toluene-d8
Concen: 48.483 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.7	77.5





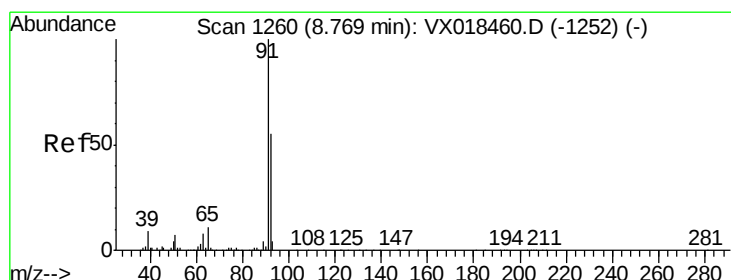
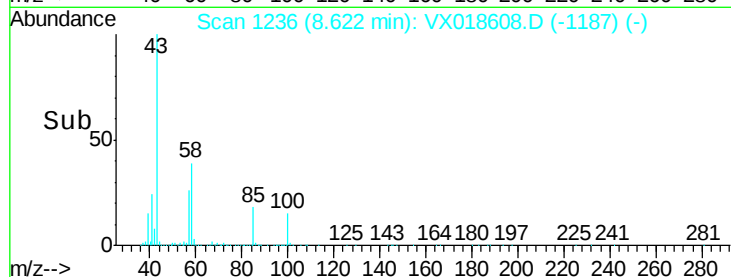
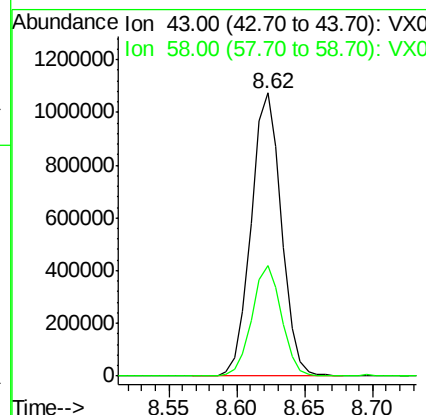
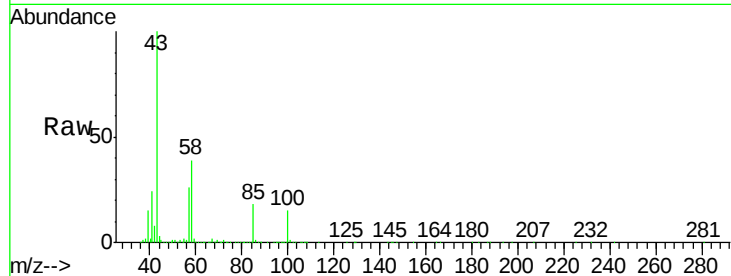
#51
4-Methyl-2-Pentanone
Concen: 248.985 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1675169
Ion Ratio Lower Upper
43 100
58 38.3 30.9 46.3

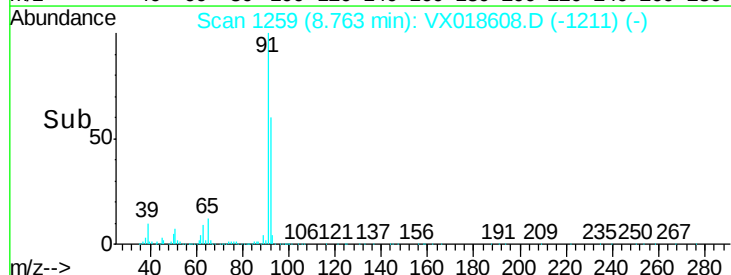
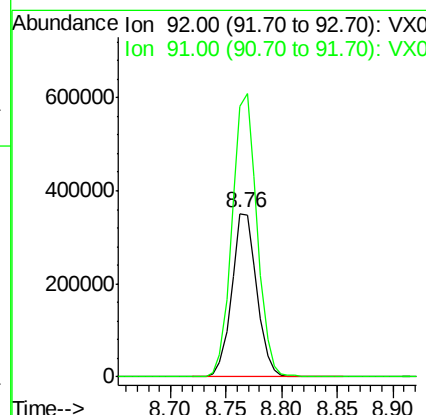
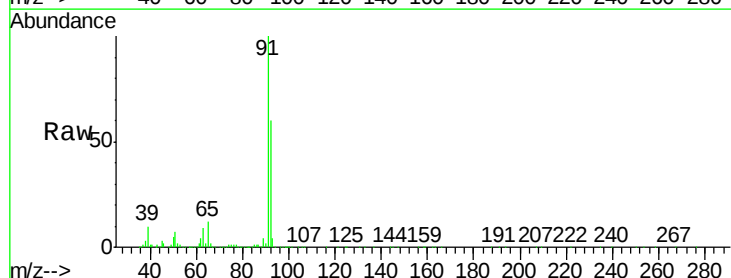
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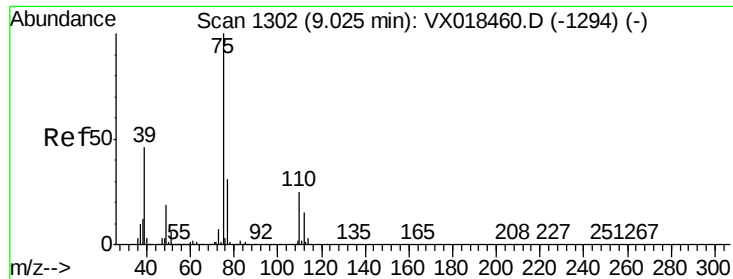
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#52
Toluene
Concen: 47.247 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 92 Resp: 543323
Ion Ratio Lower Upper
92 100
91 173.2 140.6 210.8





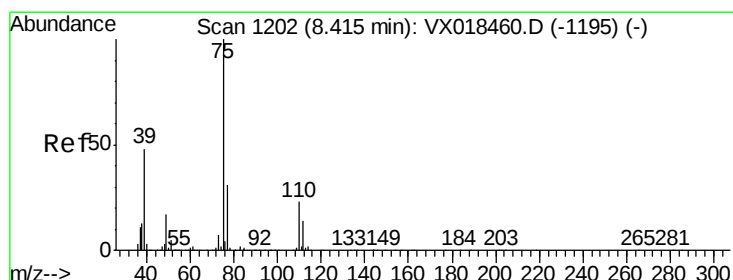
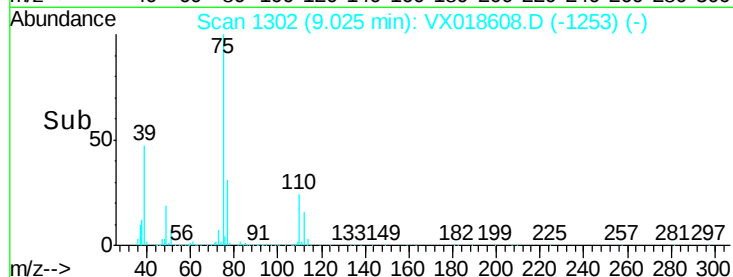
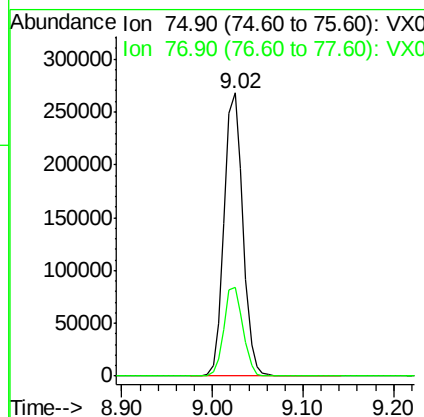
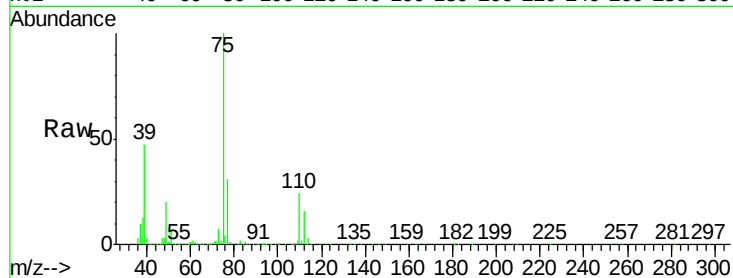
#53
t-1,3-Dichloropropene
Concen: 49.002 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.1	37.7

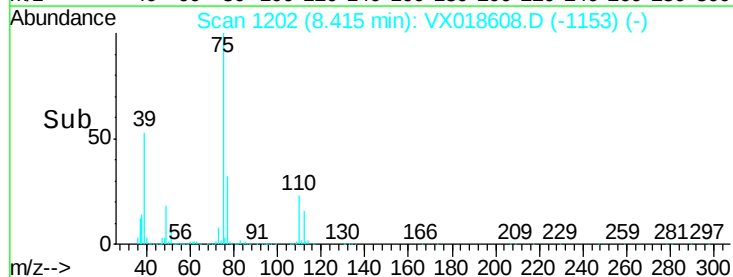
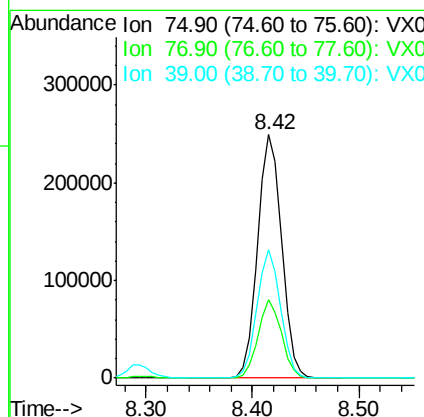
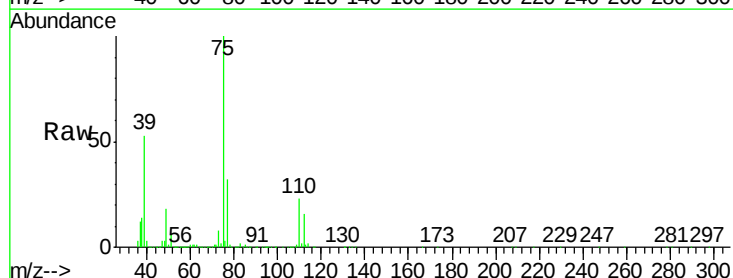
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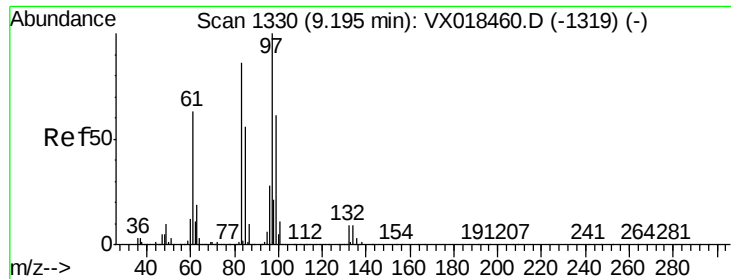
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.811 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.8	37.2
39	52.7	38.6	58.0





#55

1,1,2-Trichloroethane

Concen: 49.789 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

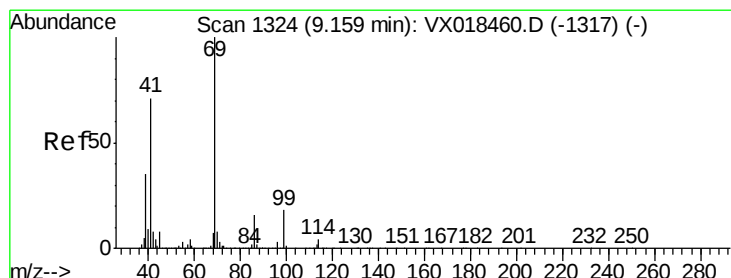
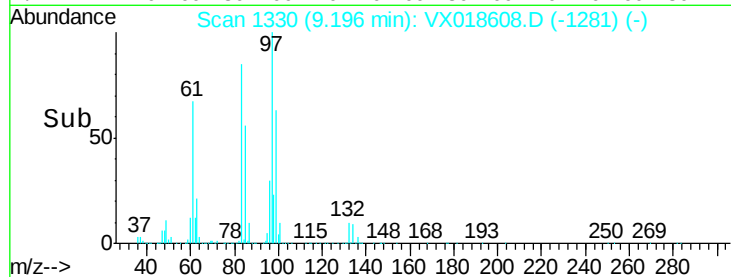
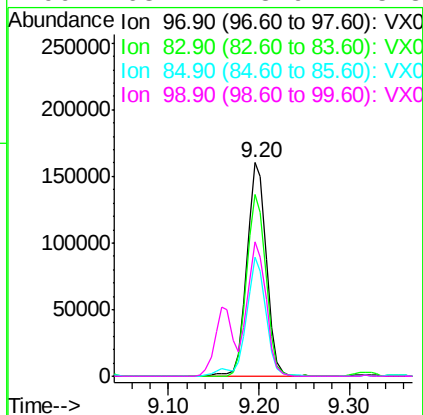
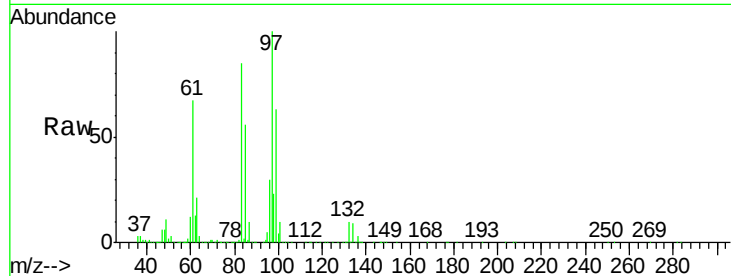
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	237581
Ion Ratio	Lower	Upper	
97	100		
83	84.7	68.5	102.7
85	55.9	44.8	67.2
99	63.2	48.9	73.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.968 ug/l

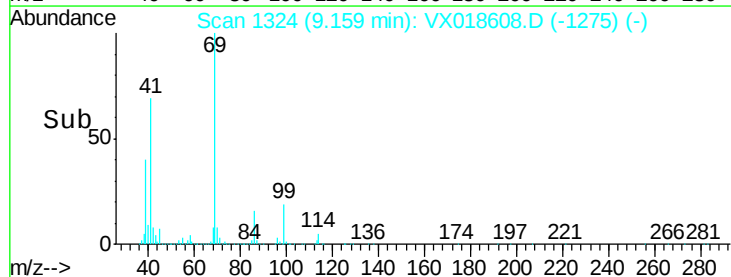
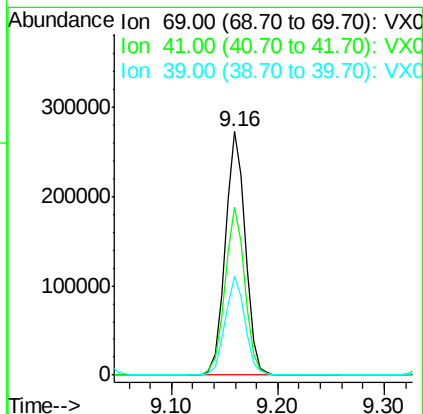
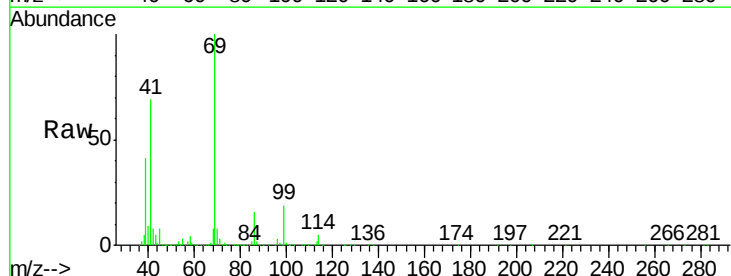
RT: 9.16 min Scan# 1324

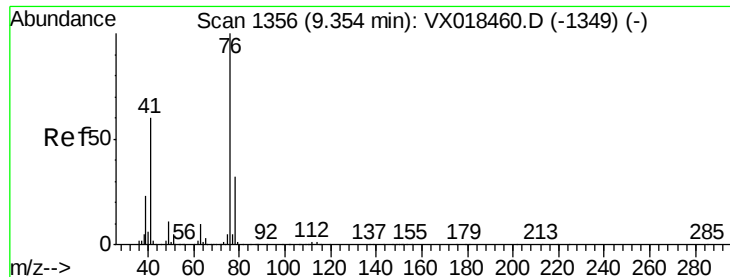
Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion:	69	Resp:	360622
Ion Ratio	Lower	Upper	
69	100		
41	68.1	54.6	81.8
39	40.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 48.824 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 391427

Ion Ratio Lower Upper

76 100

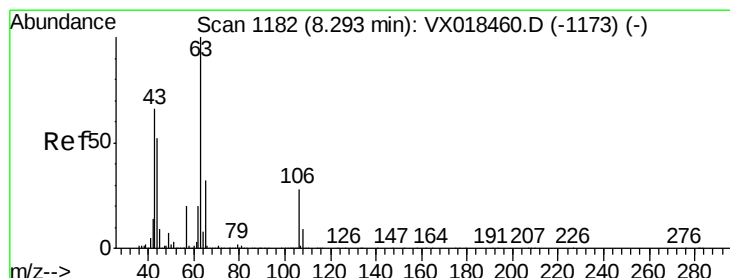
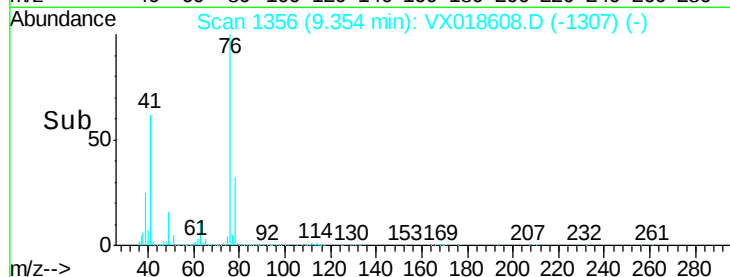
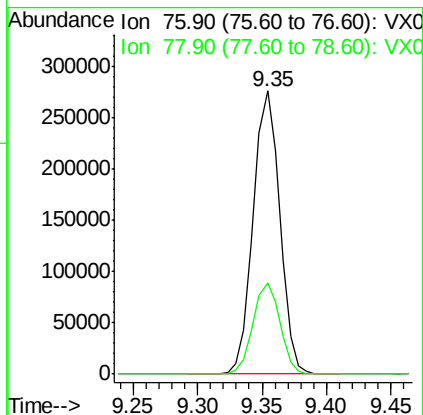
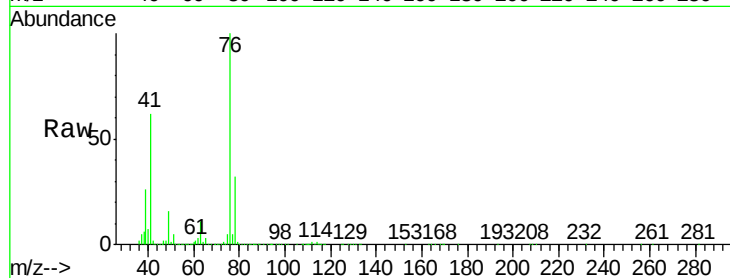
78 32.5 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 253.429 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018608.D

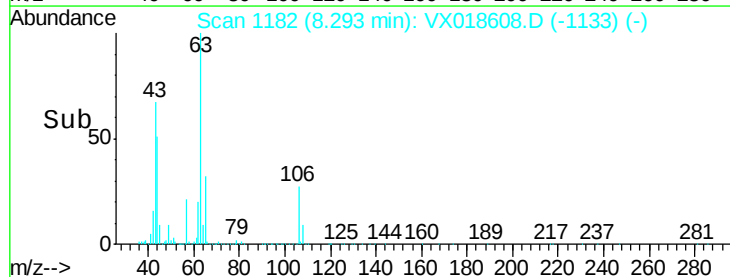
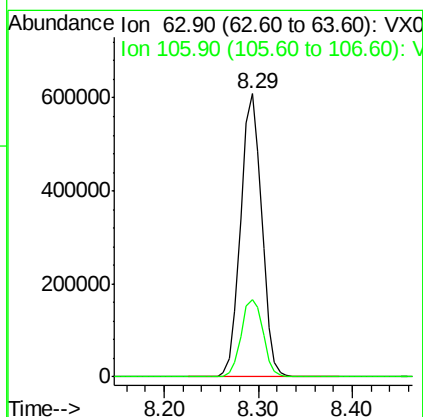
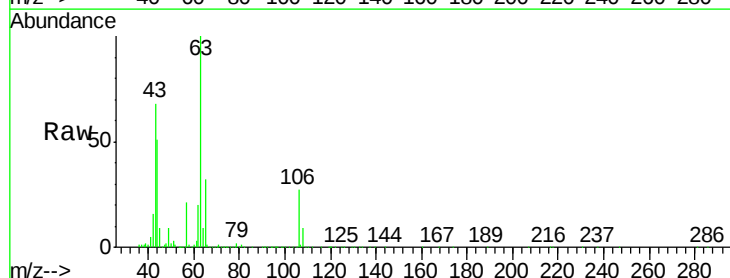
Acq: 25 Sep 2020 20:01

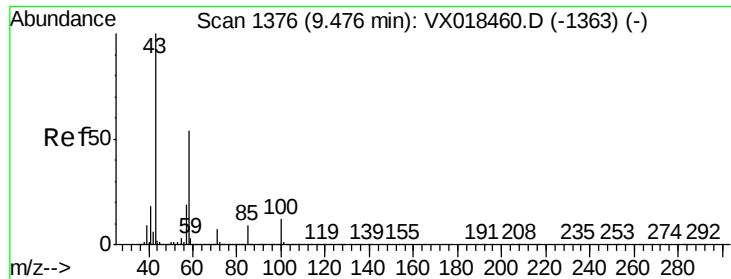
Tgt Ion: 63 Resp: 953341

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2





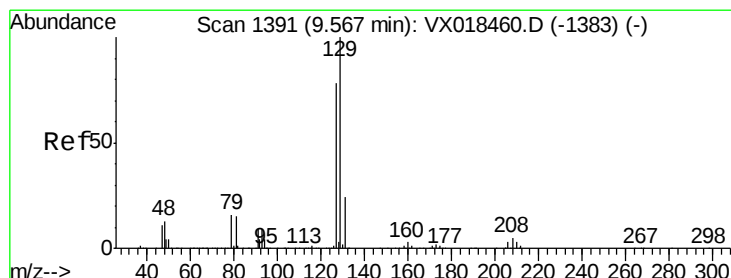
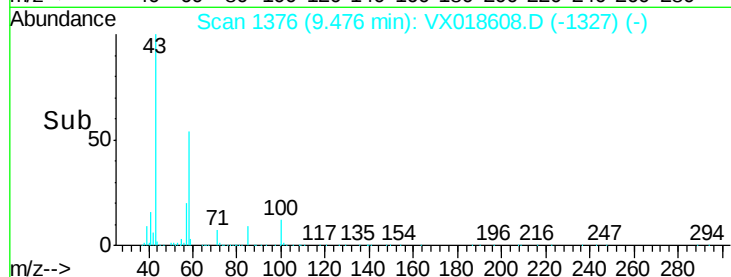
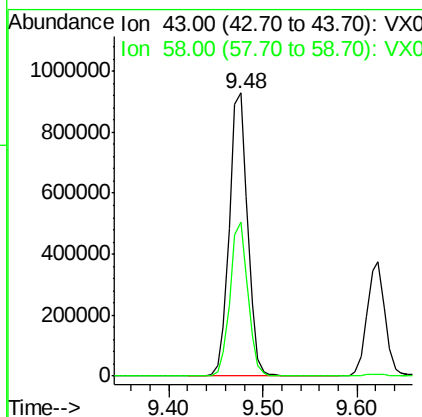
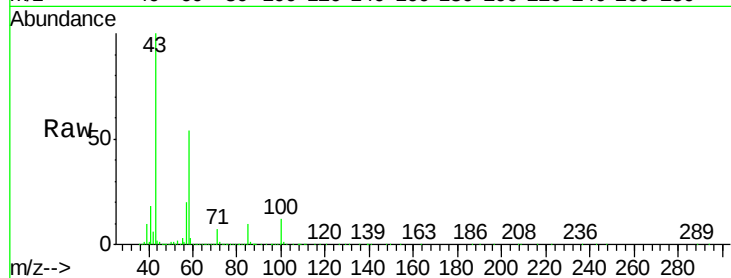
#59
2-Hexanone
Concen: 245.064 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1254081
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.4

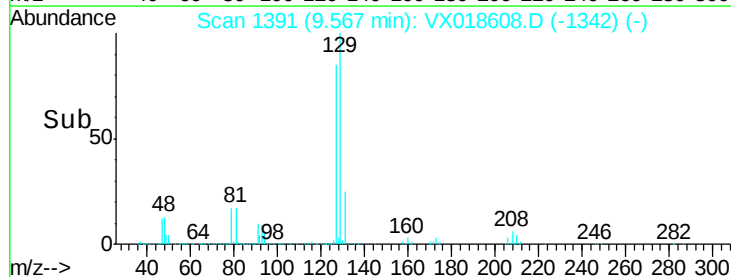
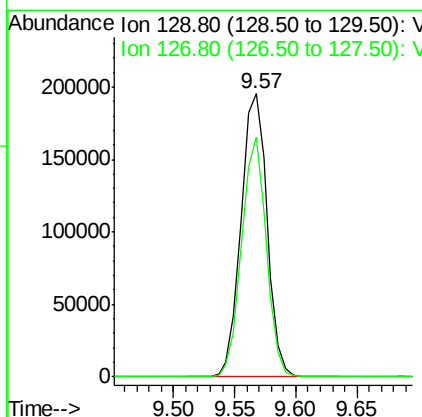
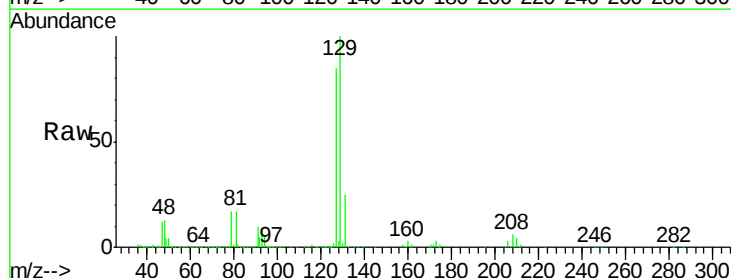
Manual Integrations
APPROVED

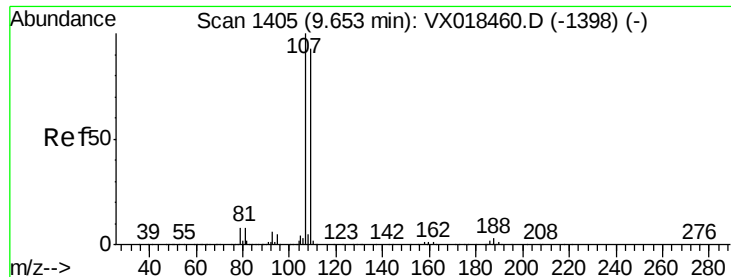
MMDadoda
9/28/2020 12:51:37 PM



#60
Dibromochloromethane
Concen: 50.684 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 129 Resp: 288386
Ion Ratio Lower Upper
129 100
127 80.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.662 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 257216

Ion Ratio Lower Upper

107 100

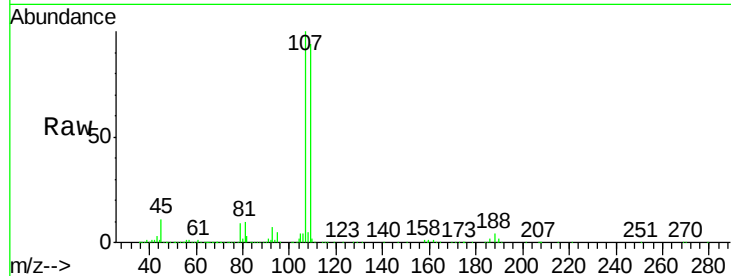
109 94.7 75.9 113.9

Manual Integrations

APPROVED

MMDadoda

9/28/2020 12:51:37 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

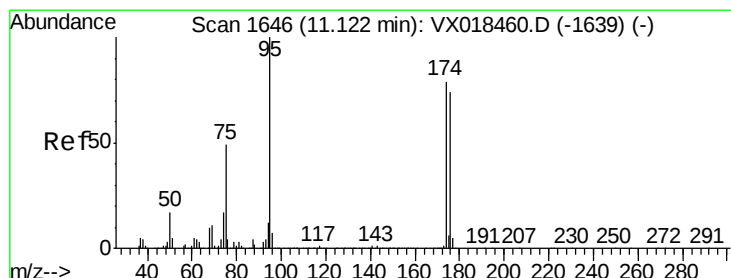
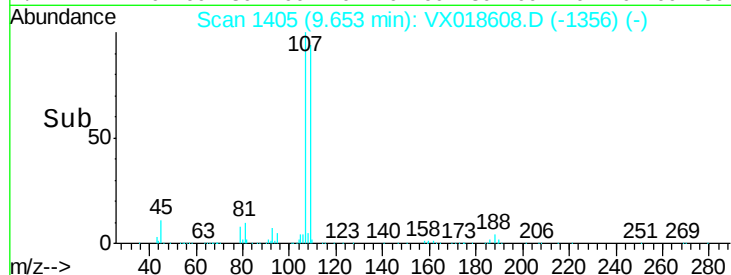
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.901 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

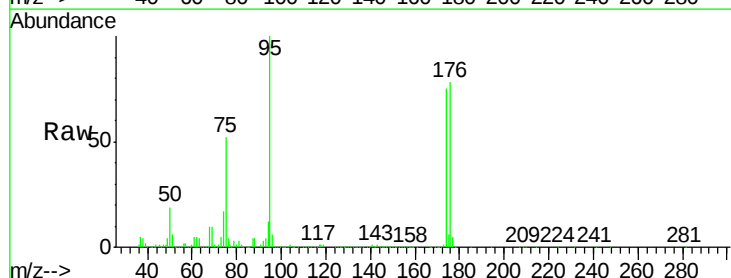
Tgt Ion: 95 Resp: 320990

Ion Ratio Lower Upper

95 100

174 77.3 0.0 161.4

176 77.9 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

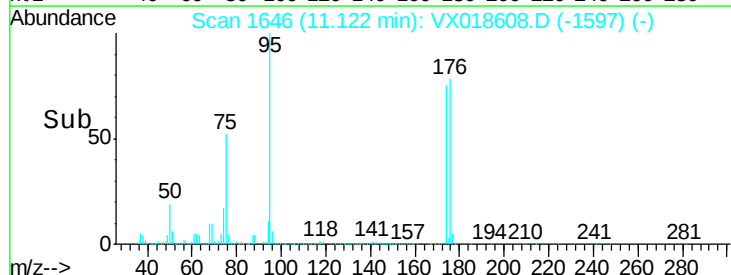
300000

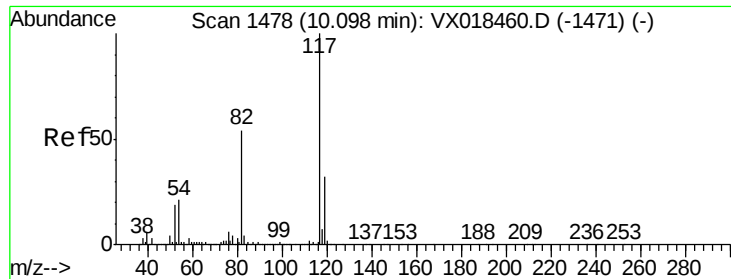
200000

100000

0

Time-->





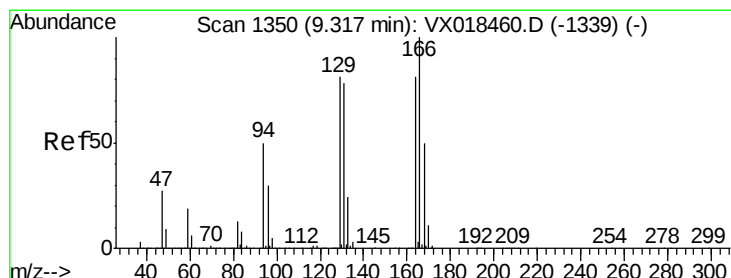
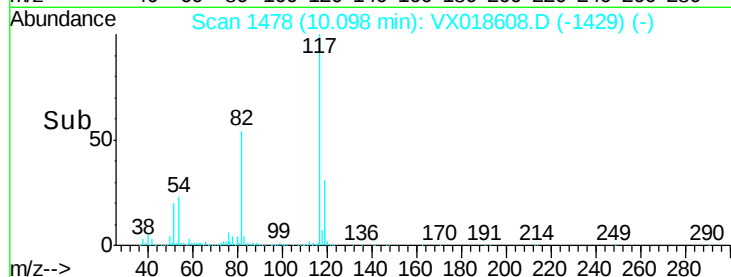
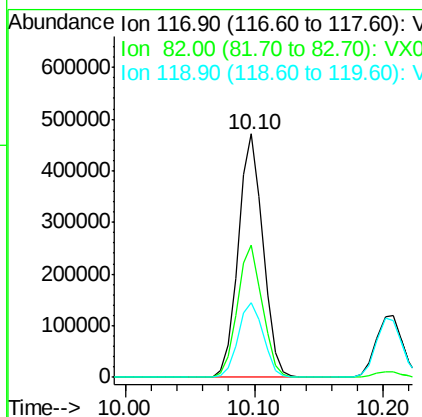
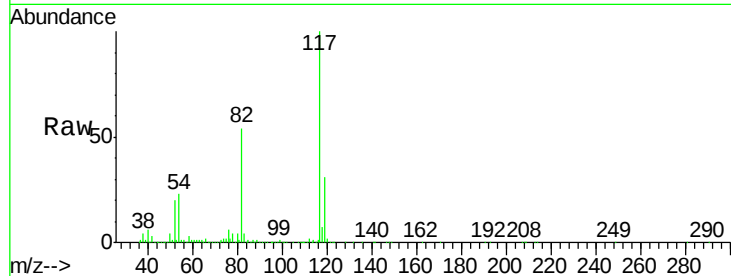
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	625123		
82	54.4	43.3	64.9	
119	30.6	25.9	38.9	

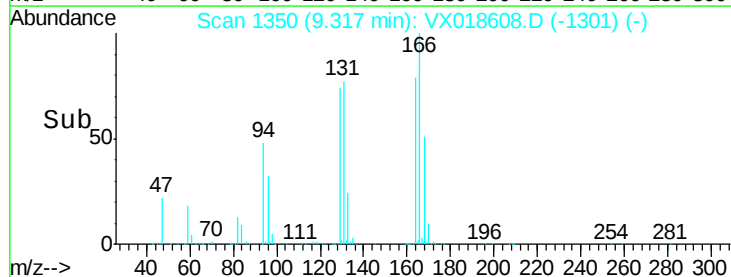
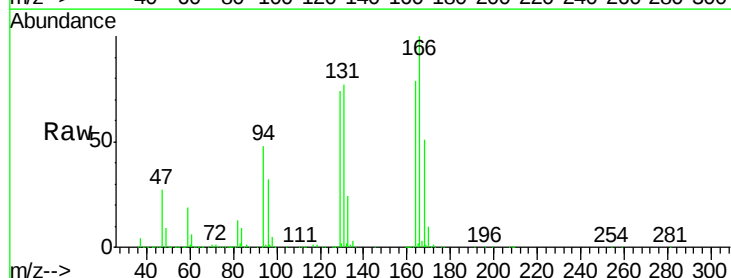
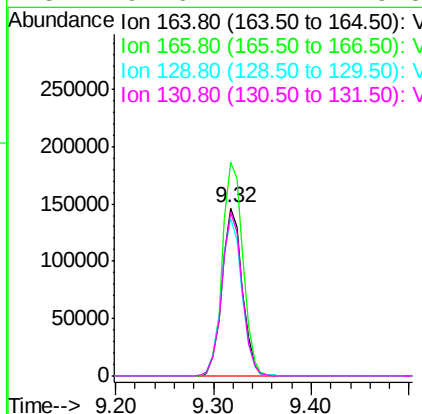
Manual Integrations
APPROVED

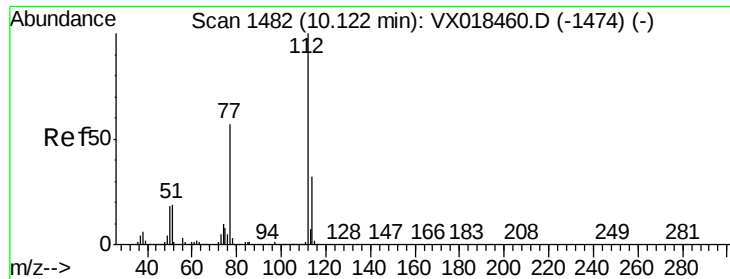
MMDadoda
9/28/2020 12:51:37 PM



#64
Tetrachloroethene
Concen: 42.669 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	209996		
166	127.3	99.3	148.9	
129	93.8	80.7	121.1	
131	97.6	77.2	115.8	





#65

Chlorobenzene

Concen: 47.053 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 605677

Ion Ratio Lower Upper

112 100

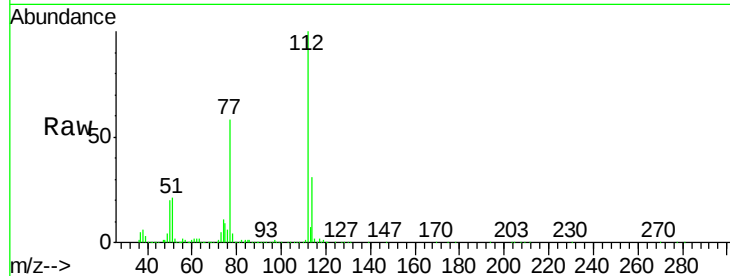
114 31.3 25.4 38.0

Manual Integrations

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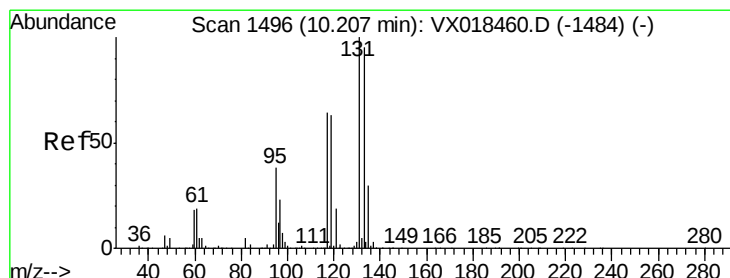
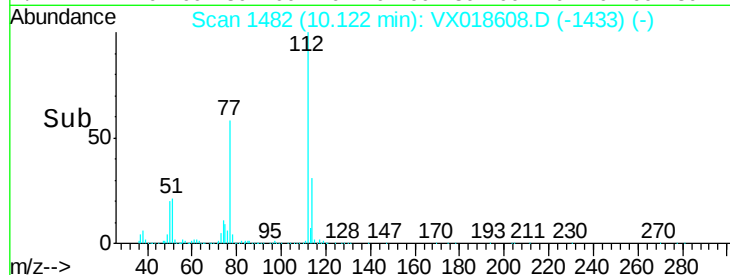
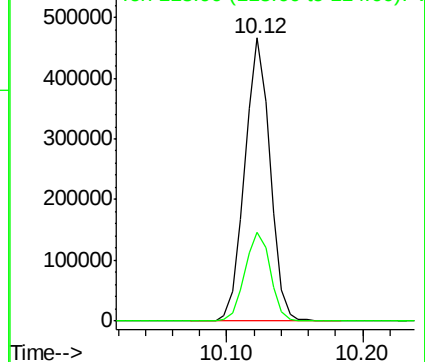
MMDadoda

9/28/2020 12:51:37 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.144 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

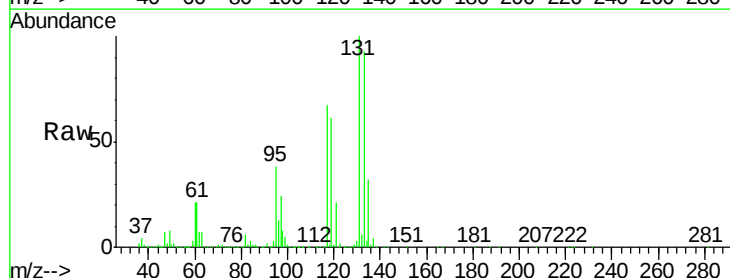
Tgt Ion:131 Resp: 253765

Ion Ratio Lower Upper

131 100

133 94.2 47.8 143.4

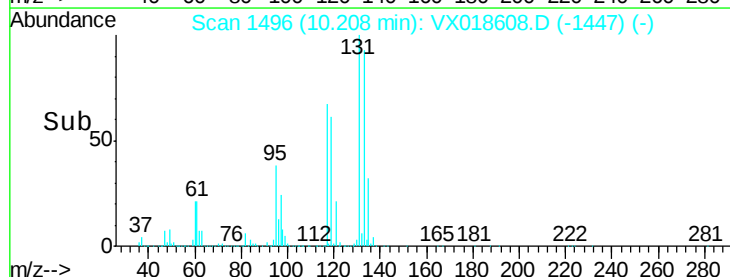
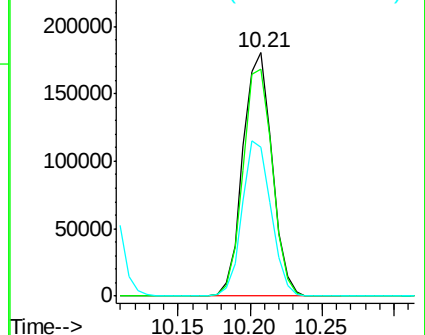
119 62.5 31.9 95.7

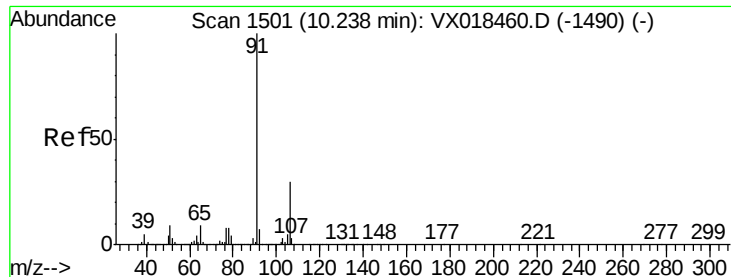


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





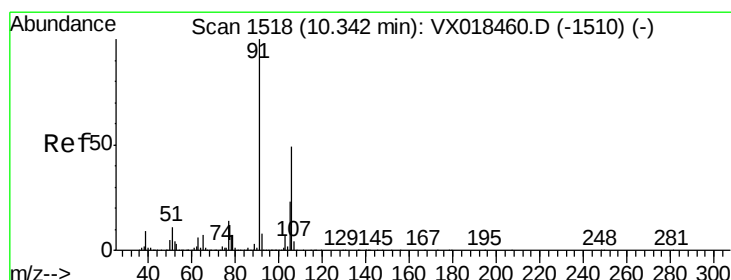
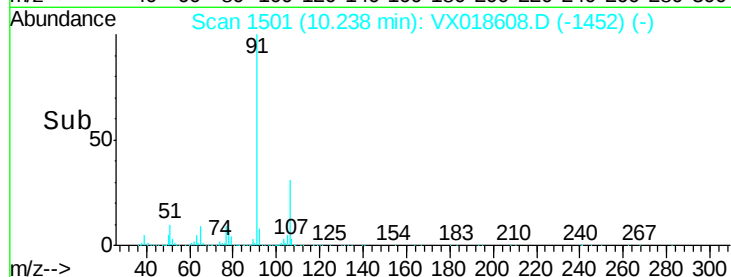
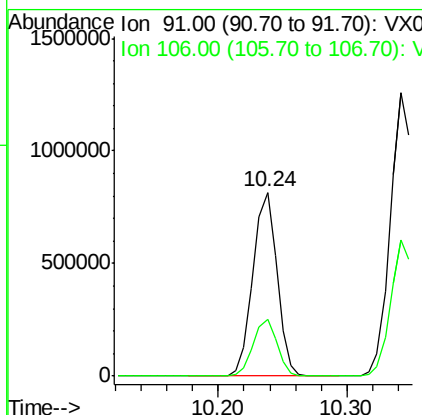
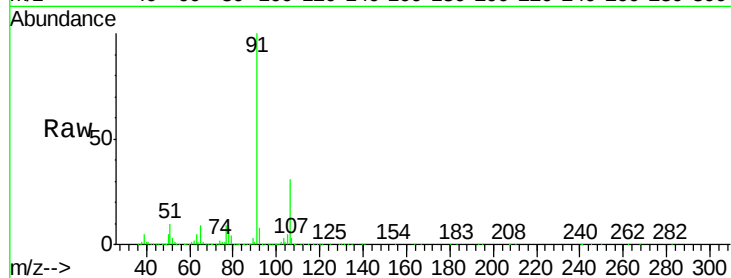
#67
Ethyl Benzene
Concen: 47.170 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1050965
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1

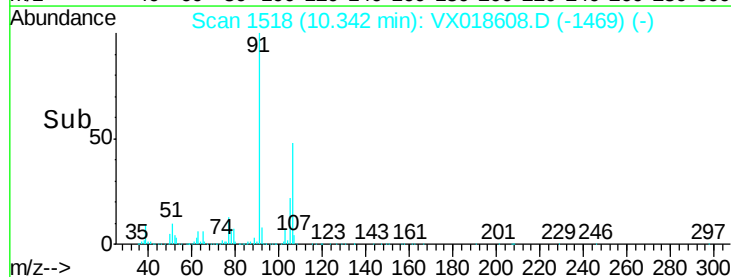
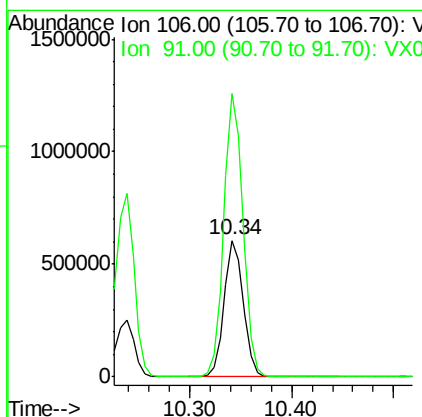
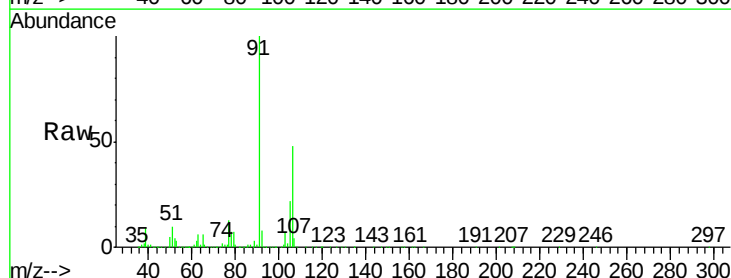
Manual Integrations
APPROVED

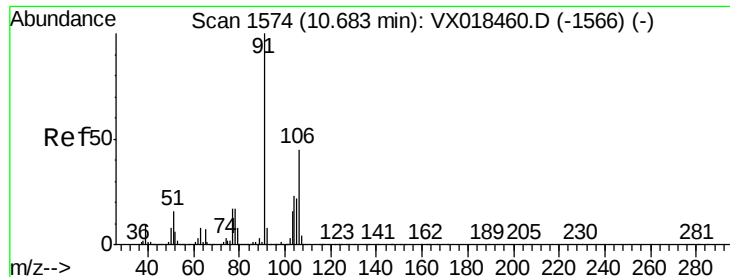
MMDadoda
9/28/2020 12:51:37 PM



#68
m/p-Xylenes
Concen: 93.877 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 106 Resp: 791215
Ion Ratio Lower Upper
106 100
91 208.1 163.8 245.6





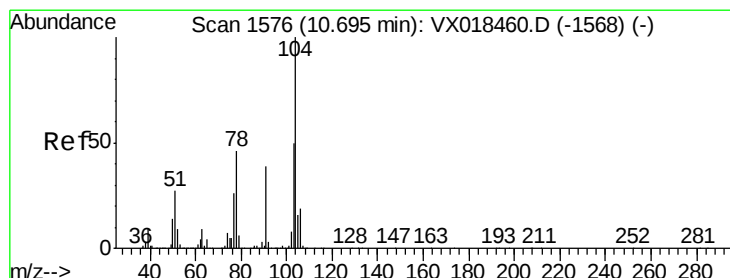
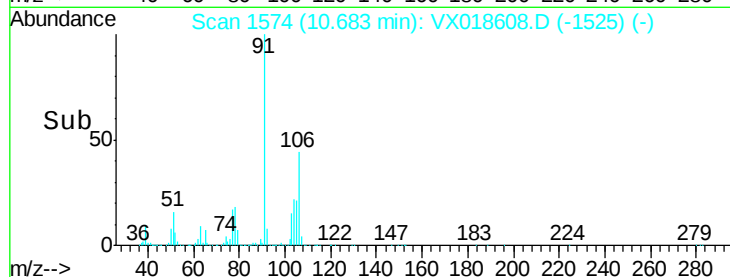
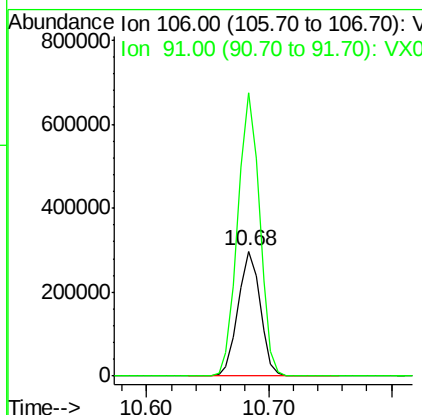
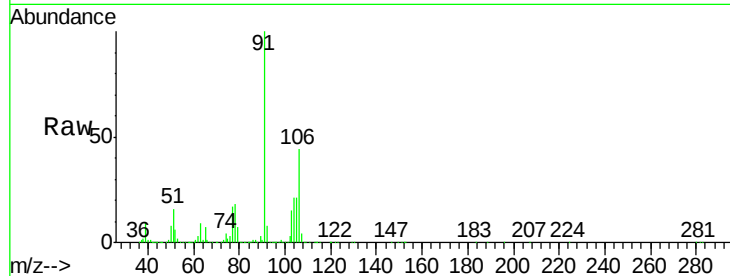
#69
o-Xylene
Concen: 46.622 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	372098		
91	91	223.5	109.7	329.0	

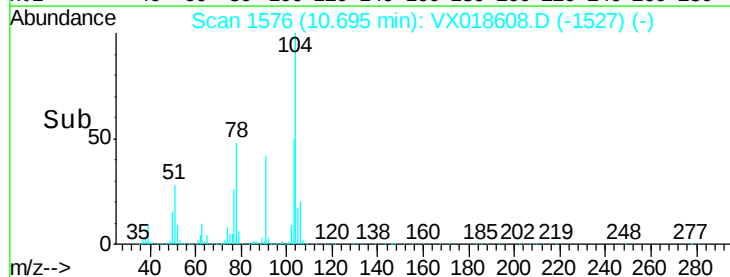
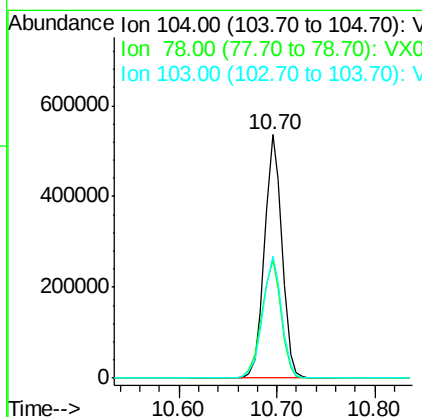
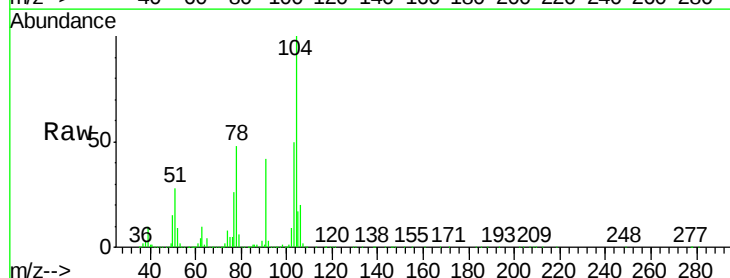
Manual Integrations
APPROVED

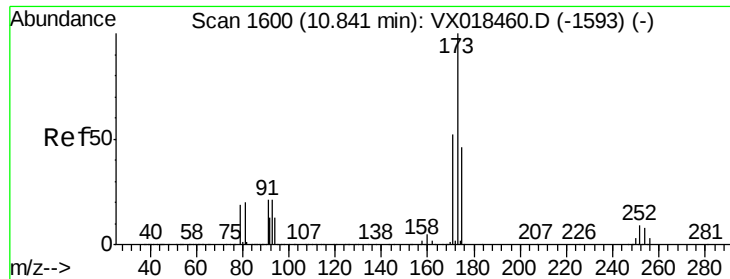
MMDadoda
9/28/2020 12:51:37 PM



#70
Styrene
Concen: 48.259 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	665039		
78	78	53.6	40.5	60.7	
103	103	54.2	43.2	64.8	





#71

Bromoform

Concen: 51.281 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

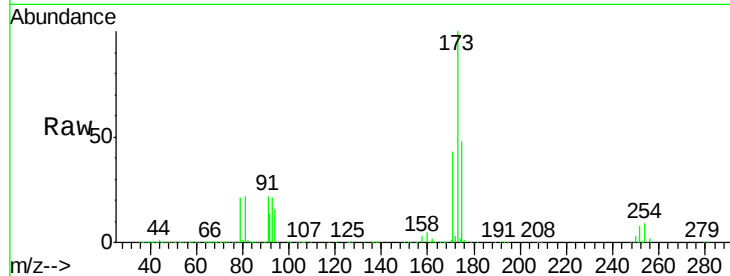
ClientSampleId :

VSTDCCC050EC

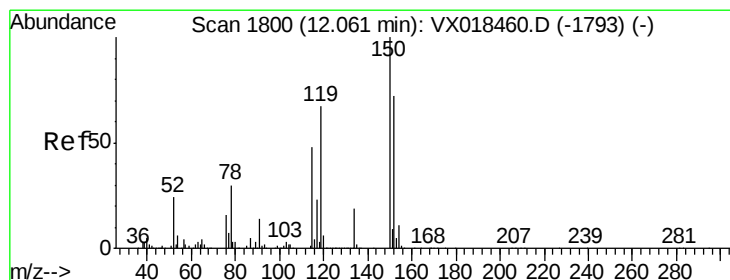
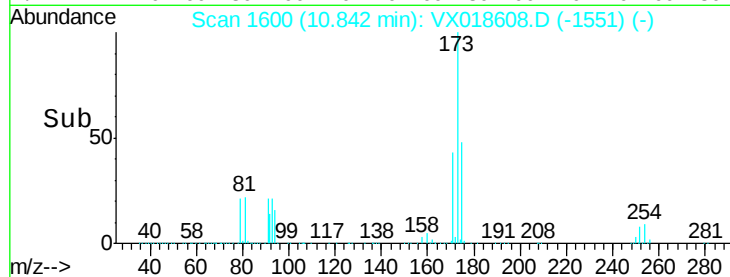
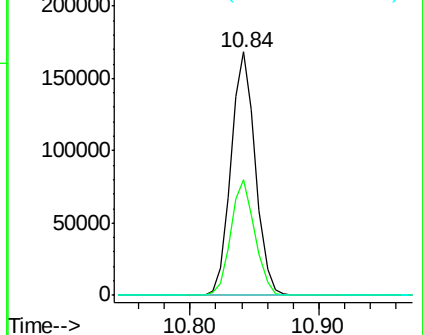
Tot Ion:	173	Resp:	222332
Ion Ratio	Lower	Upper	
173	100		
175	46.9	23.6	70.8
254	0.1	0.1	0.1

Manual Integrations
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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

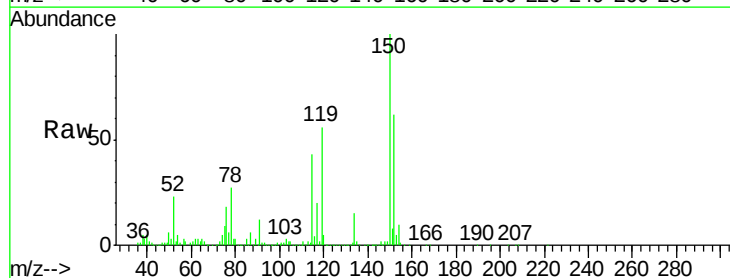
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

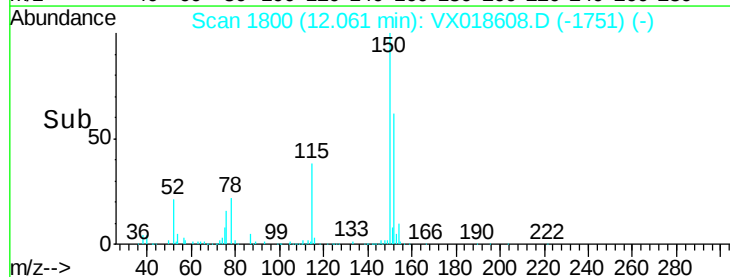
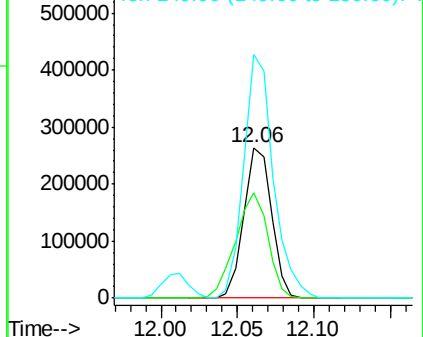
Lab File: VX018608.D

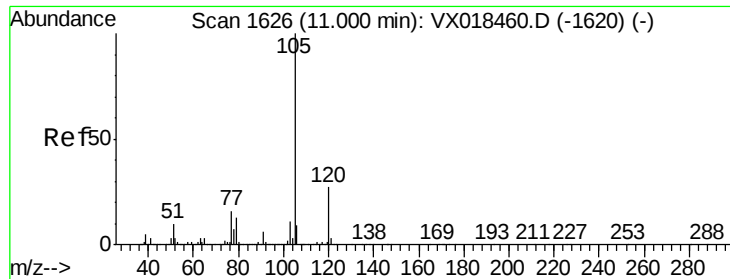
Acq: 25 Sep 2020 20:01

Tgt Ion:	152	Resp:	332868
Ion Ratio	Lower	Upper	
152	100		
115	81.4	41.8	125.4
150	172.5	0.0	342.4



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





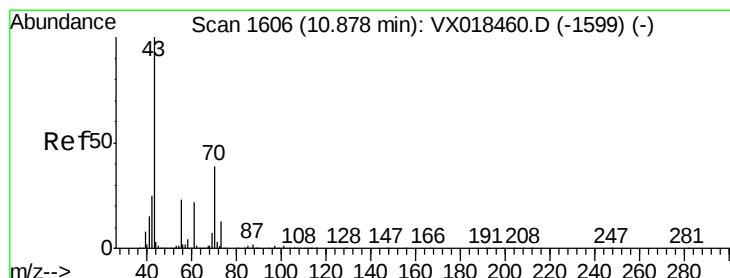
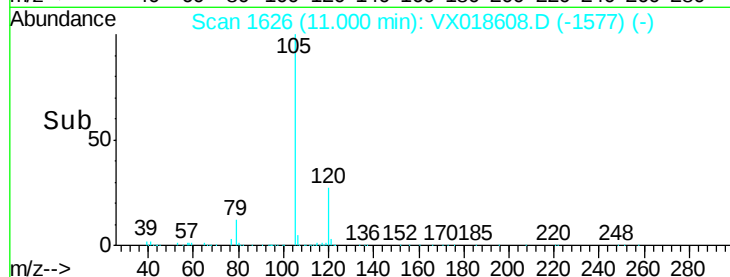
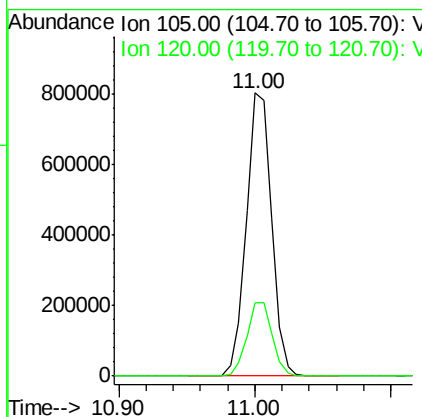
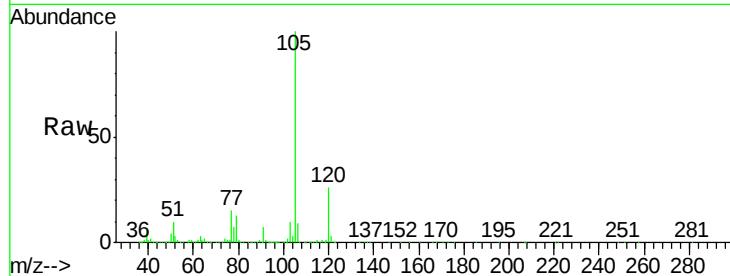
#73
Isopropylbenzene
Concen: 47.063 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1046527
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2

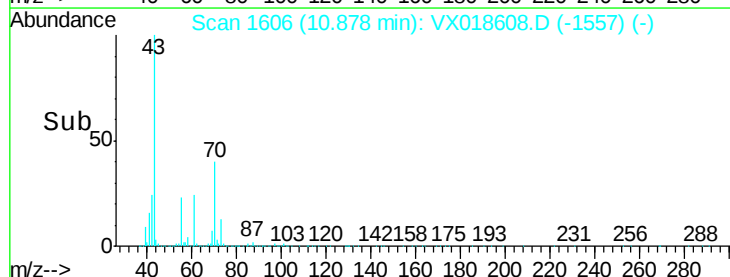
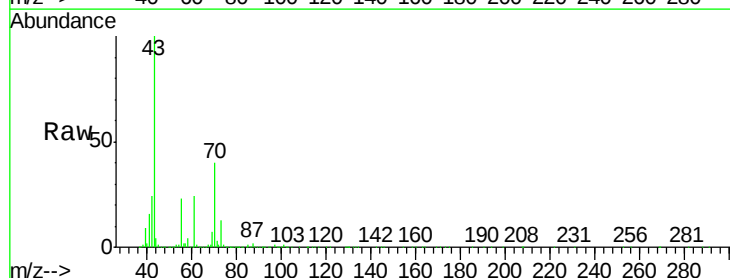
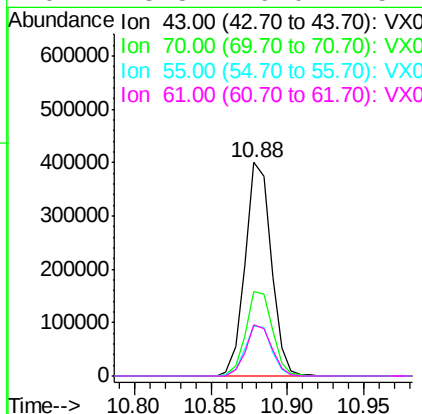
Manual Integrations
APPROVED

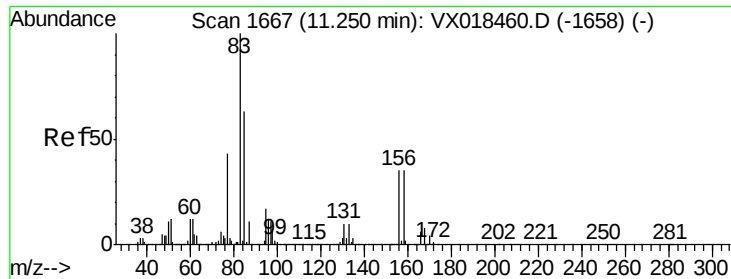
MMDadoda
9/28/2020 12:51:37 PM



#74
N-ethyl acetate
Concen: 47.334 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion: 43 Resp: 473870
Ion Ratio Lower Upper
43 100
70 40.7 32.2 48.4
55 23.8 18.8 28.2
61 23.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.565 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 83 Resp: 357457

Ion Ratio Lower Upper

83 100

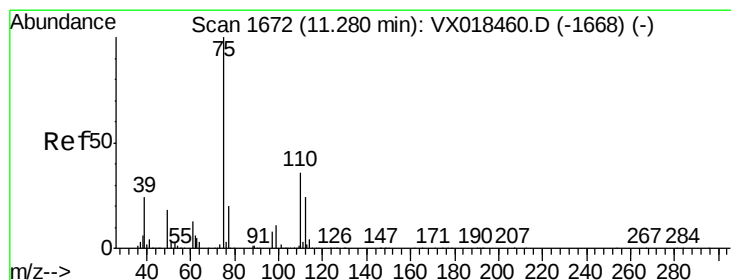
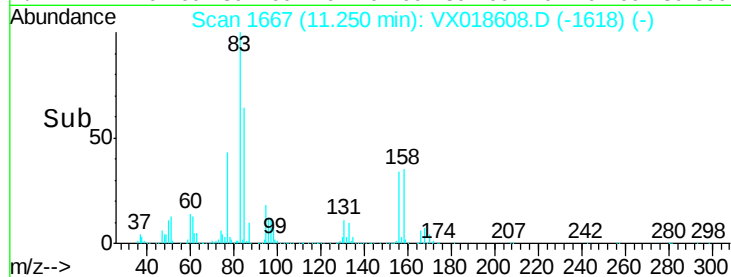
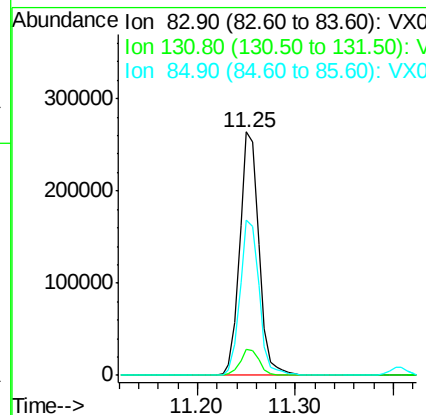
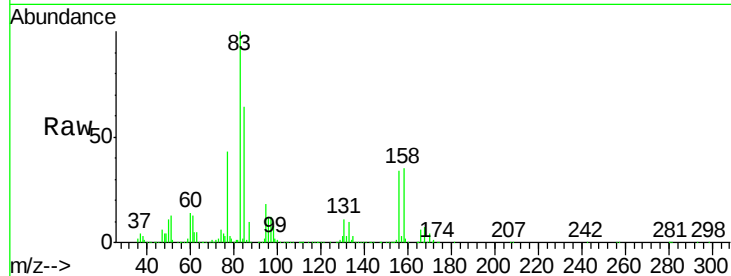
131 10.7 5.1 15.4

85 64.1 31.8 95.4

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#76

1,2,3-Trichloropropane

Concen: 46.872 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018608.D

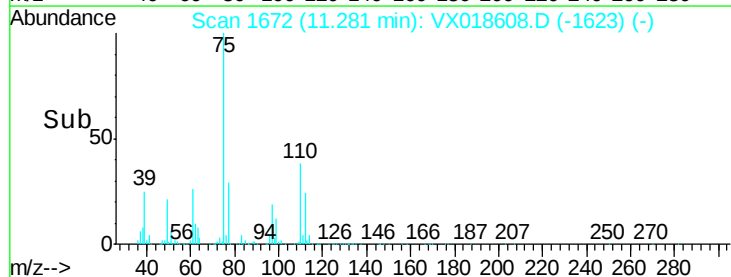
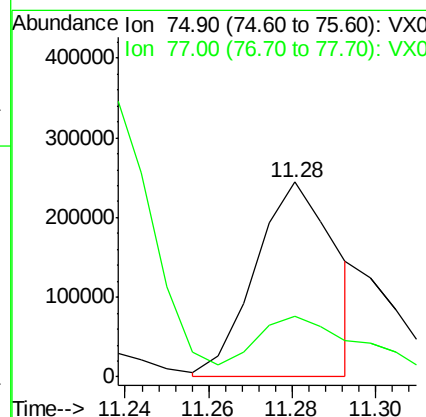
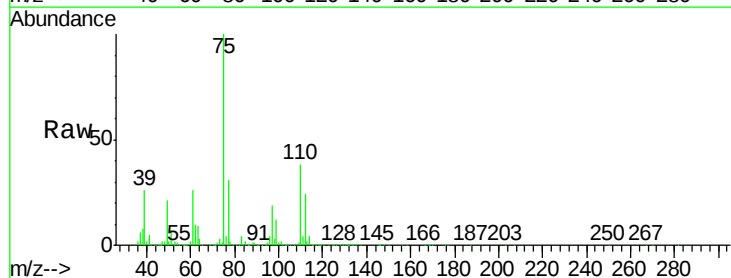
Acq: 25 Sep 2020 20:01

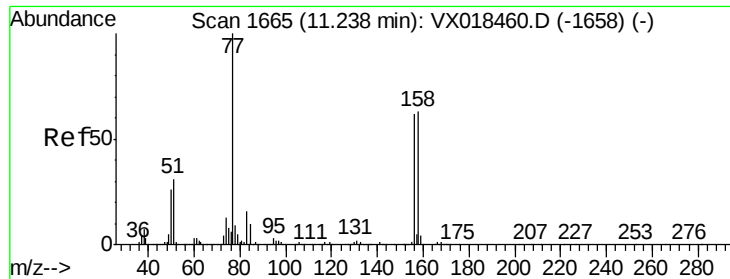
Tgt Ion: 75 Resp: 327869

Ion Ratio Lower Upper

75 100

77 41.4 20.9 62.7





#77

Bromobenzene

Concen: 46.026 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

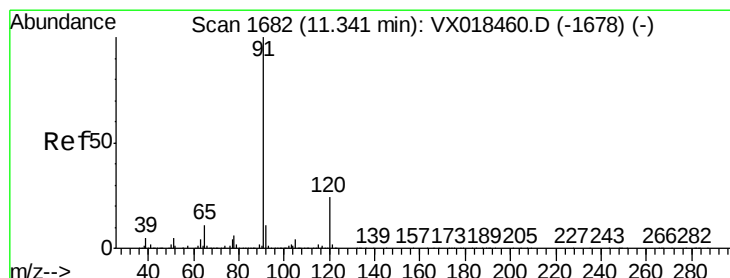
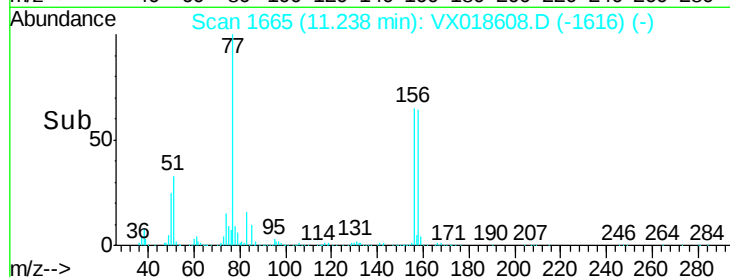
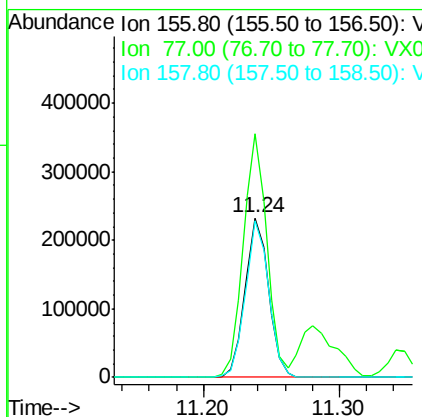
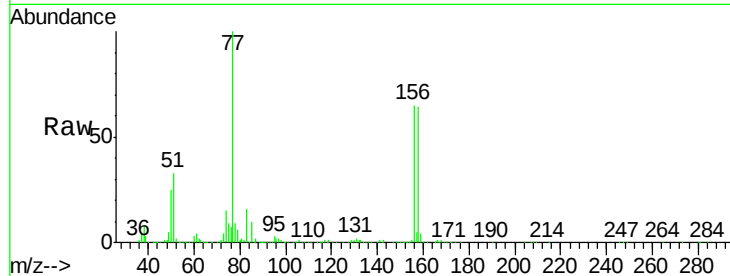
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	282392
Ion Ratio	Lower	Upper	
156	100		
77	153.0	78.8	236.5
158	97.2	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 45.131 ug/l

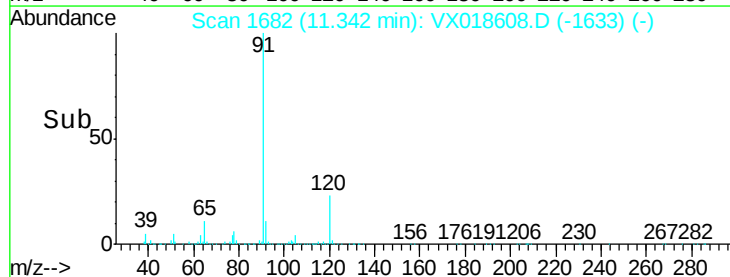
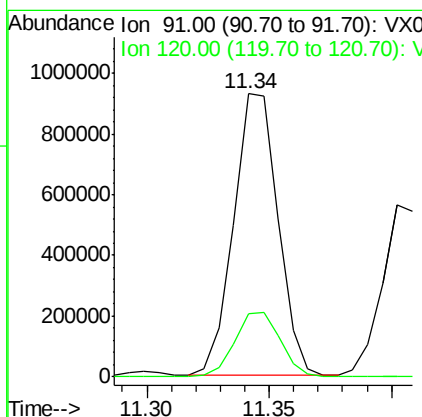
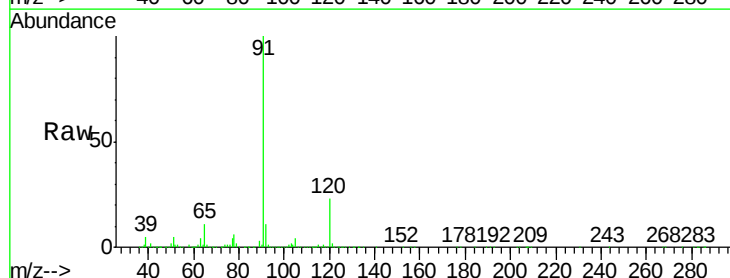
RT: 11.34 min Scan# 1682

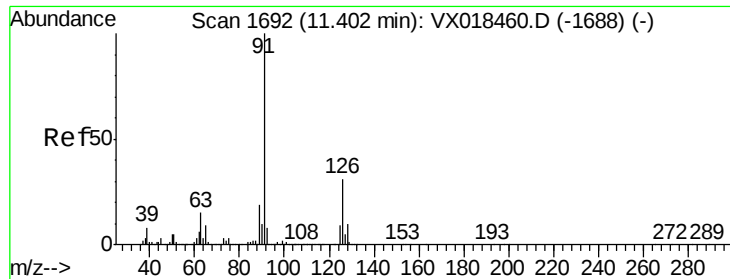
Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Tgt Ion:	91	Resp:	1174699
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





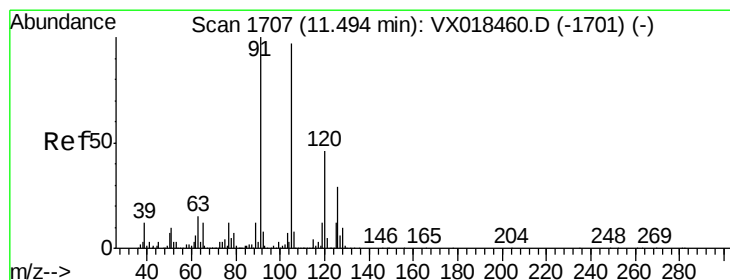
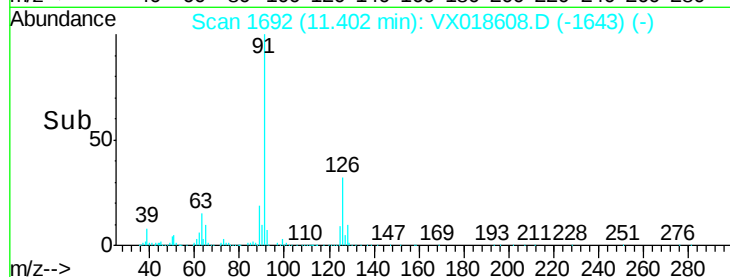
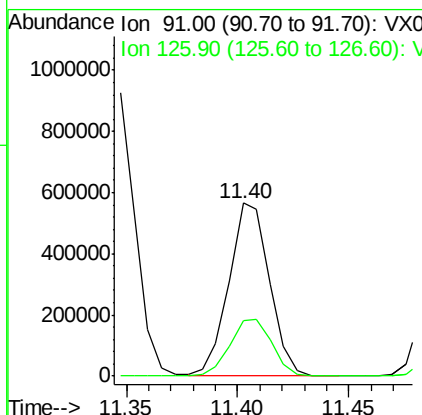
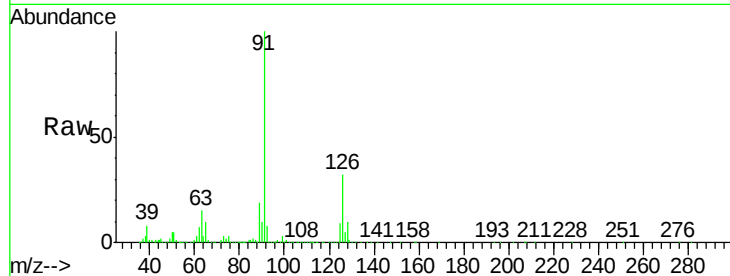
#79
 2-Chlorotoluene
 Concen: 45.471 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 716410
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.6 49.7

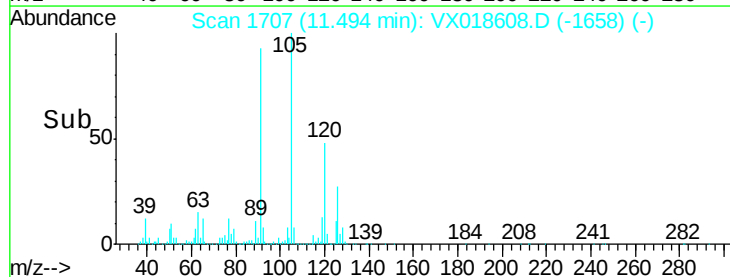
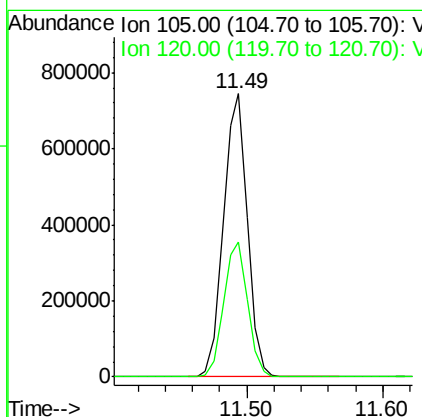
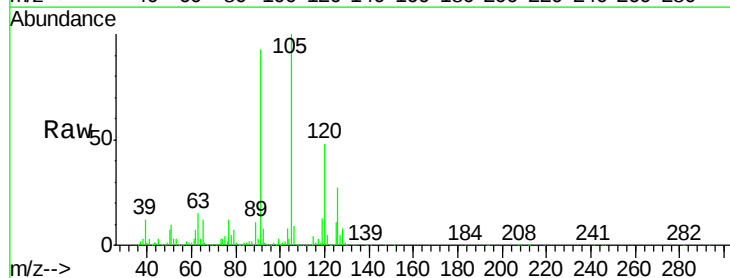
Manual Integrations
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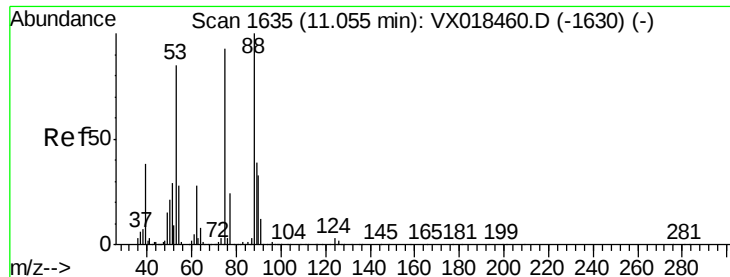
MMDadoda
 9/28/2020 12:51:37 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 47.233 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion: 105 Resp: 898241
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.6 71.0





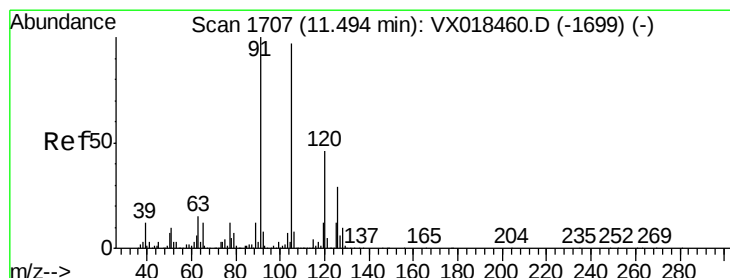
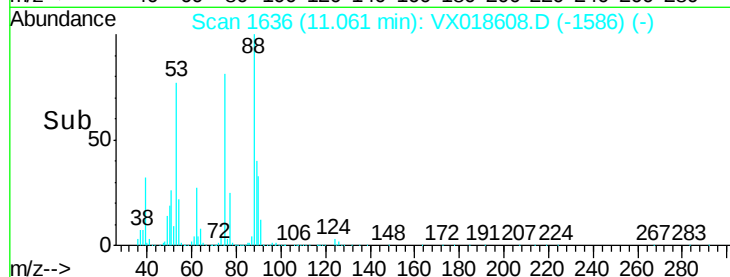
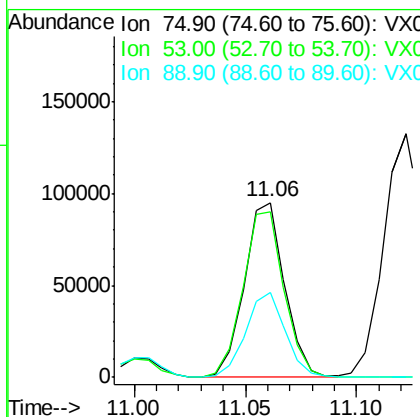
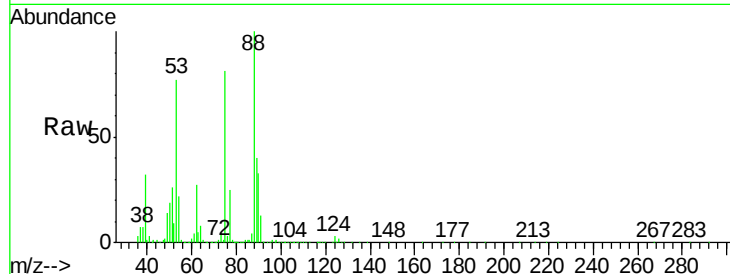
#81
trans-1,4-Dichloro-2-butene
Concen: 43.523 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	74.6	111.8
89	48.4	36.2	54.4

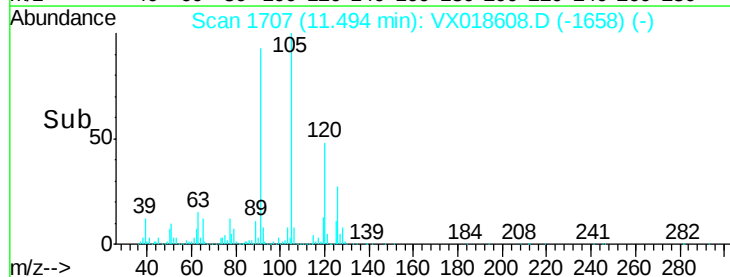
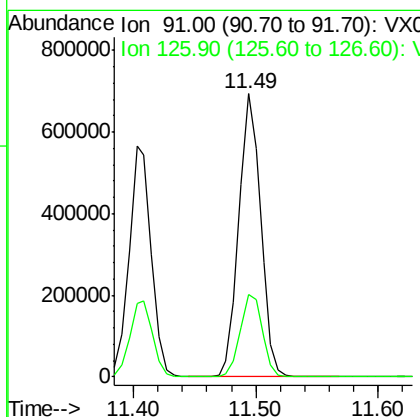
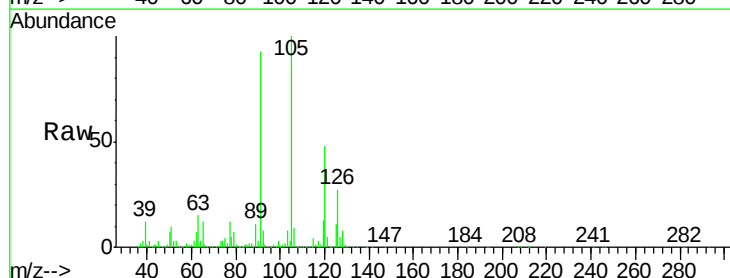
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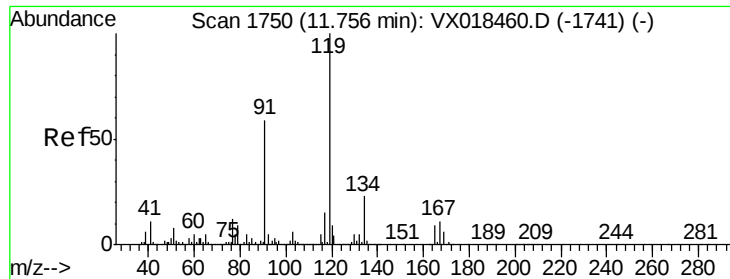
MMDadoda
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#82
4-Chlorotoluene
Concen: 45.644 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.0	45.0





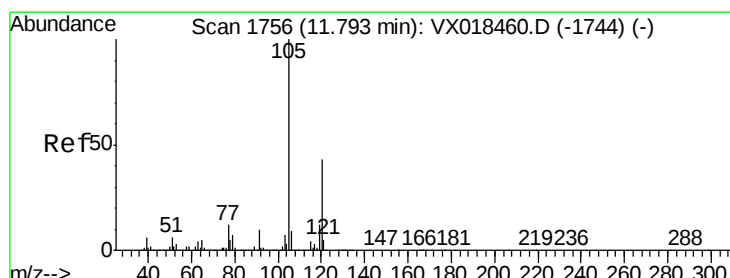
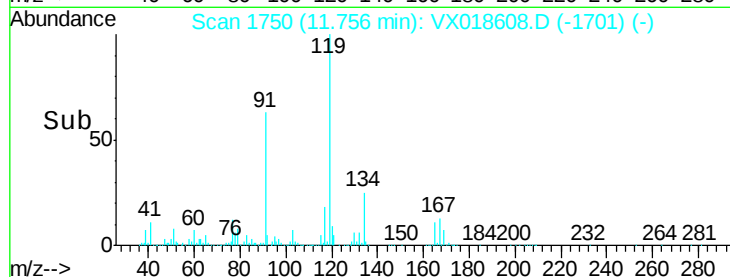
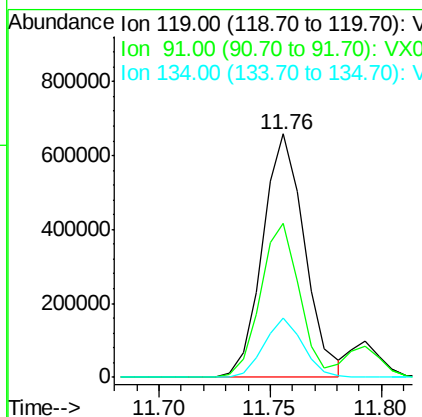
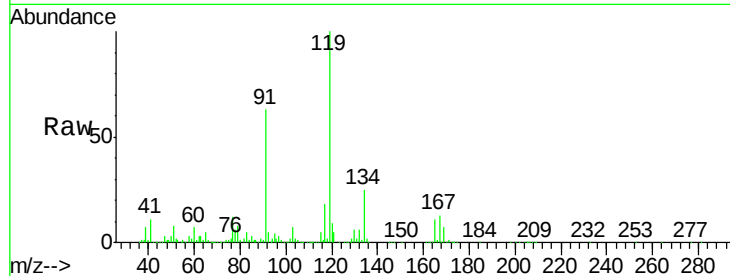
#83
tert-Butylbenzene
Concen: 46.639 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	861150		
91	58.9	28.9	86.7	
134	22.6	11.3	33.8	

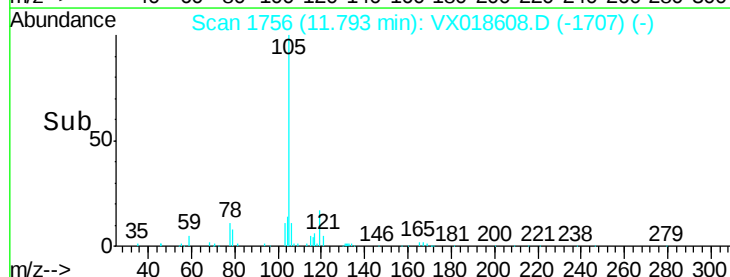
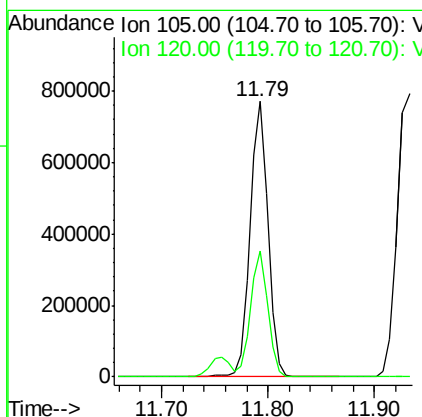
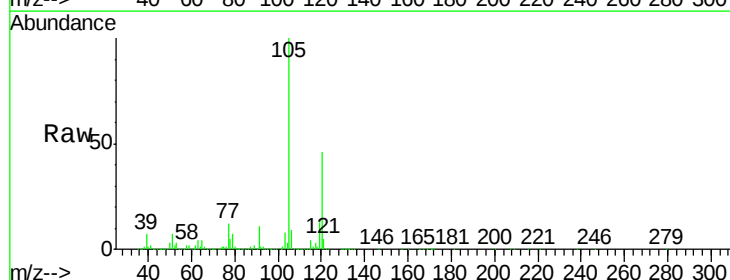
Manual Integrations
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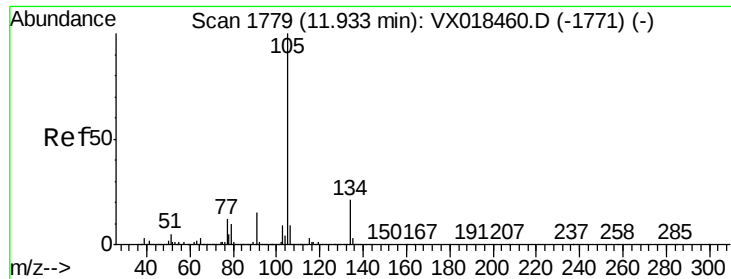
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 47.601 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	911660		
120	44.4	21.6	65.0	





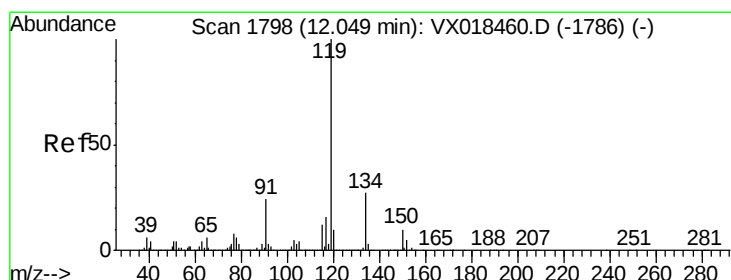
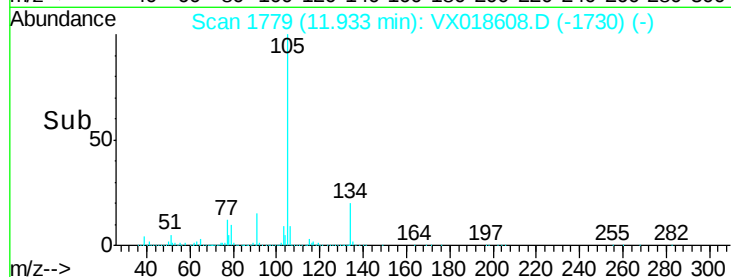
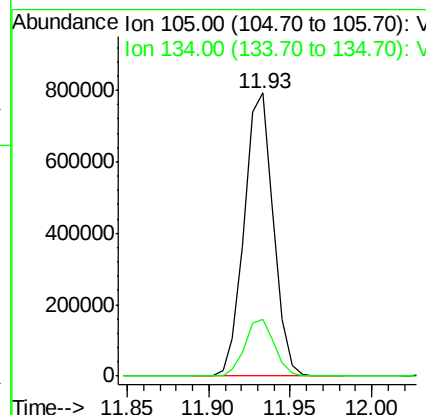
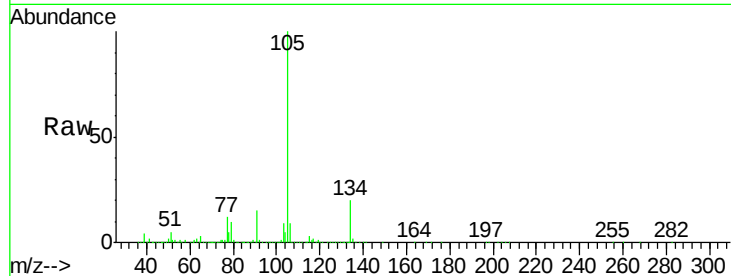
#85
 sec-Butylbenzene
 Concen: 45.292 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.2	30.4

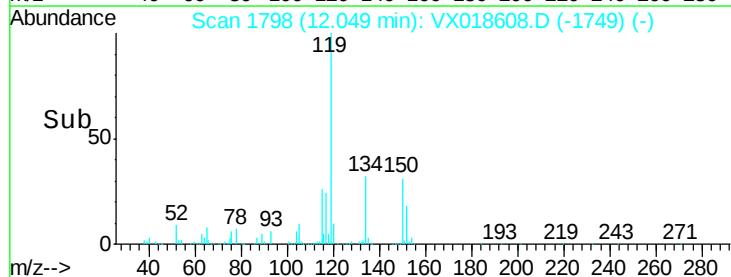
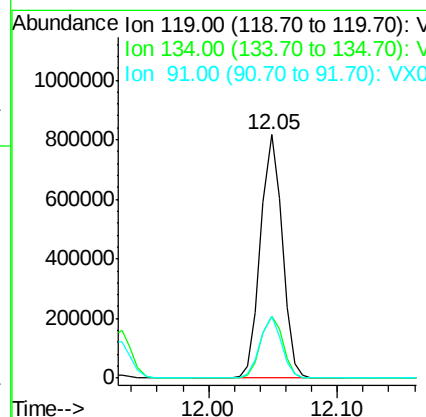
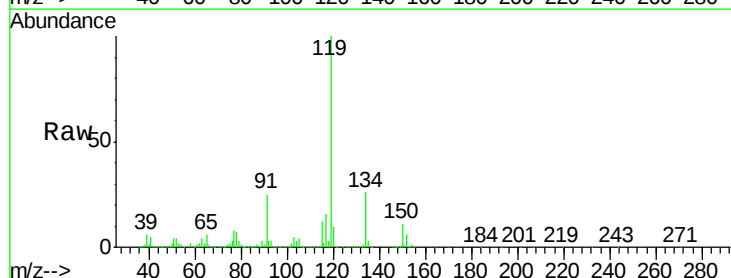
Manual Integrations
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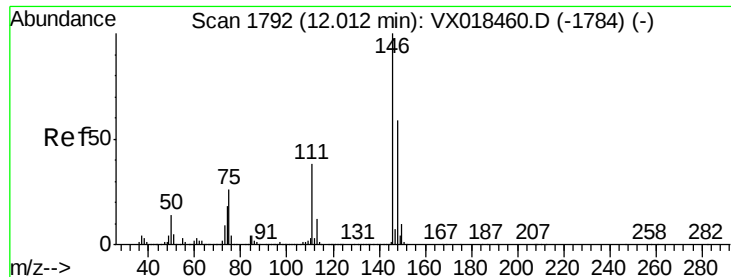
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#86
 p-Isopropyltoluene
 Concen: 47.109 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.3	39.9
91	24.7	11.9	35.9





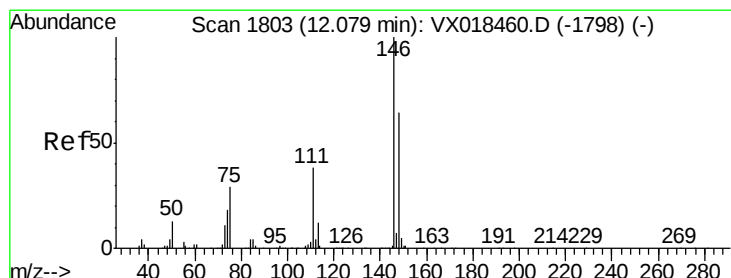
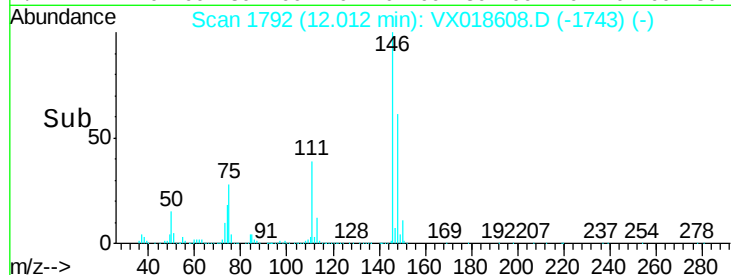
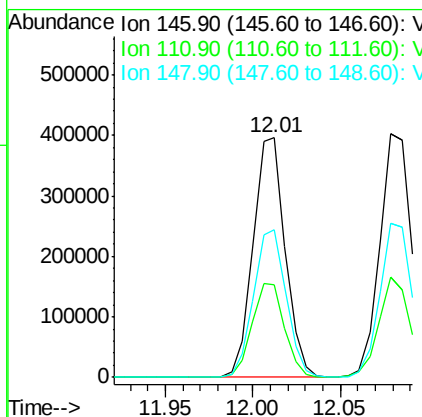
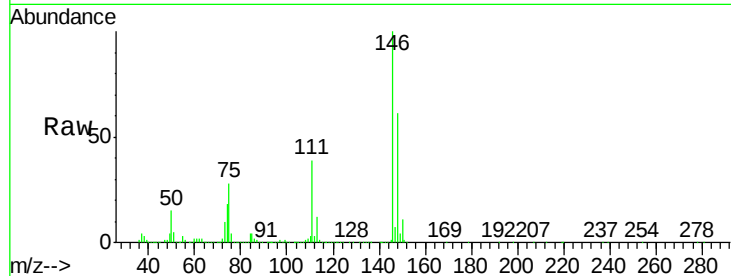
#87
 1,3-Dichlorobenzene
 Concen: 45.829 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.4	61.2
148	62.7	31.1	93.2

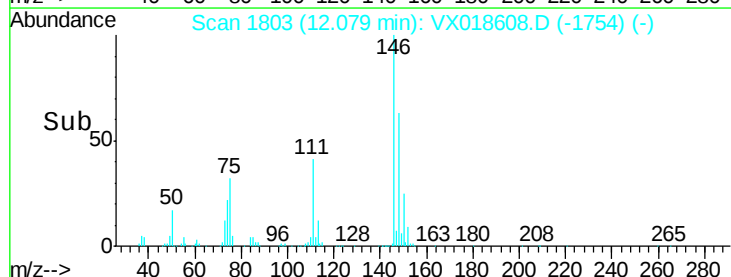
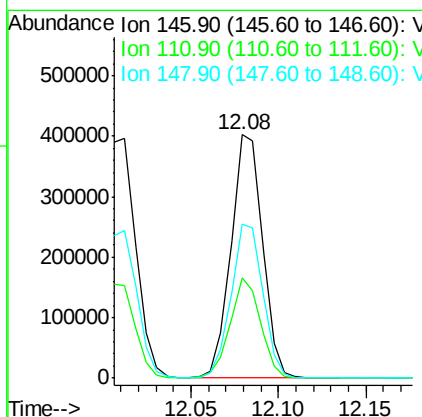
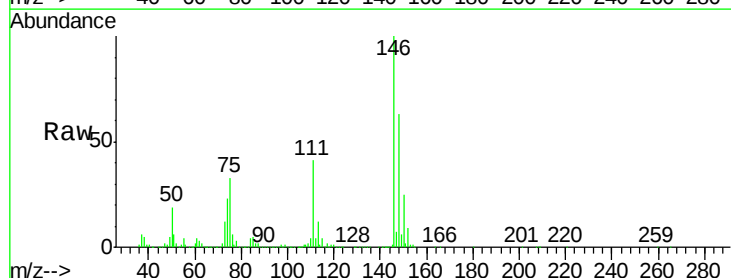
Manual Integrations
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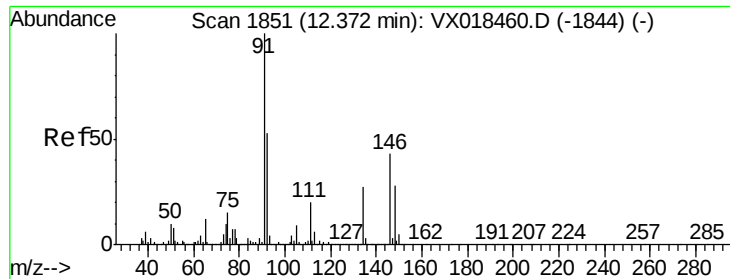
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#88
 1,4-Dichlorobenzene
 Concen: 45.186 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.4
148	63.9	31.8	95.4





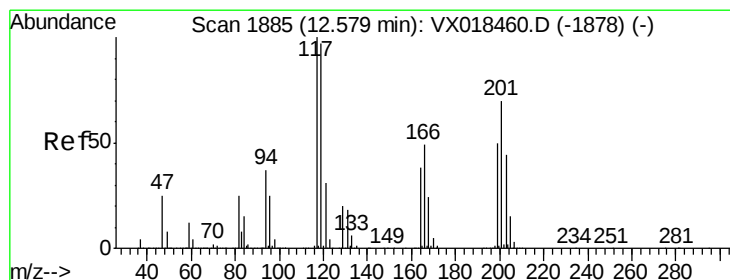
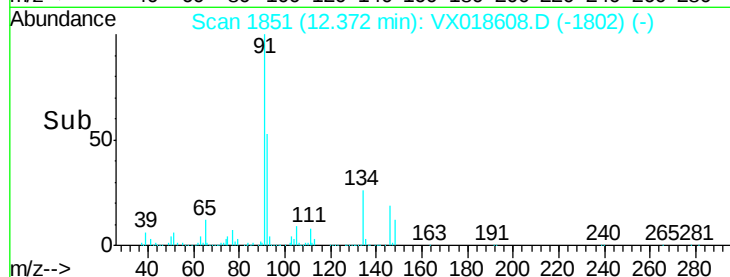
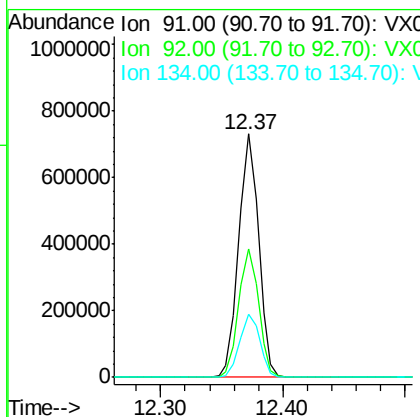
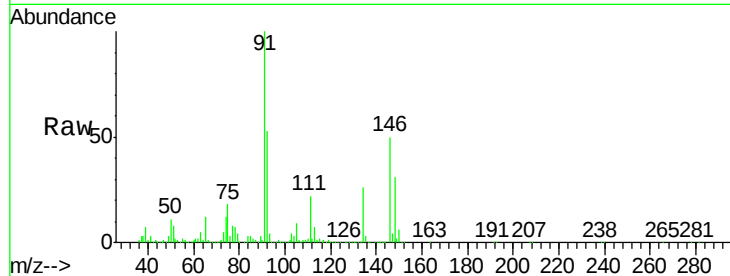
#89
n-Butylbenzene
Concen: 44.230 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	819831		
92	53.0	26.1	78.2	
134	26.6	13.3	39.8	

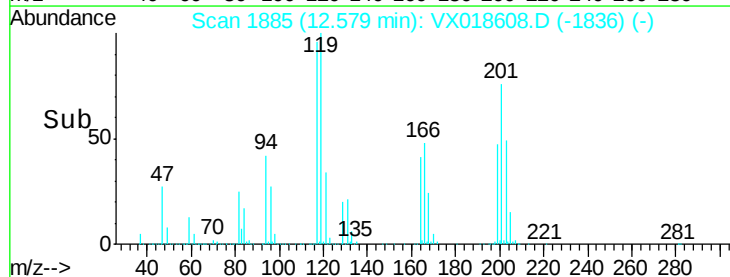
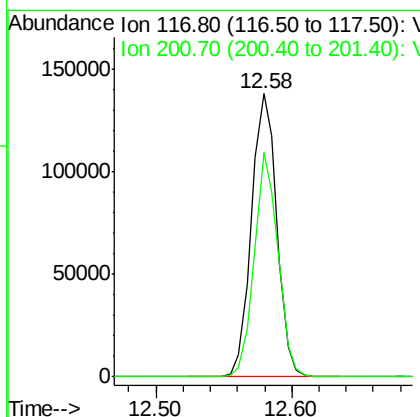
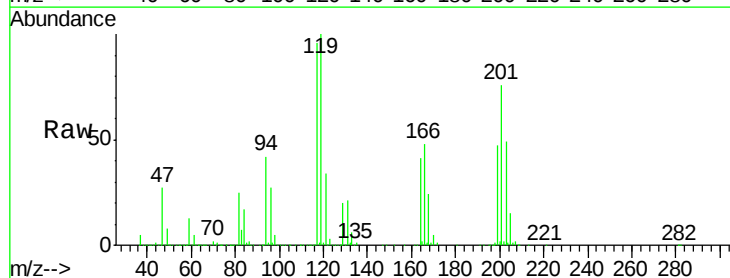
Manual Integrations
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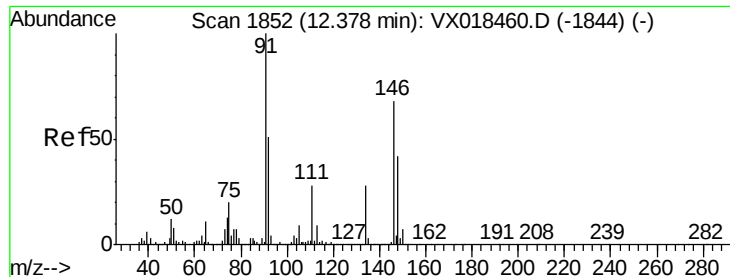
MMDadoda
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#90
Hexachloroethane
Concen: 45.397 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018608.D
Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	181466		
201	74.2	36.2	108.6	





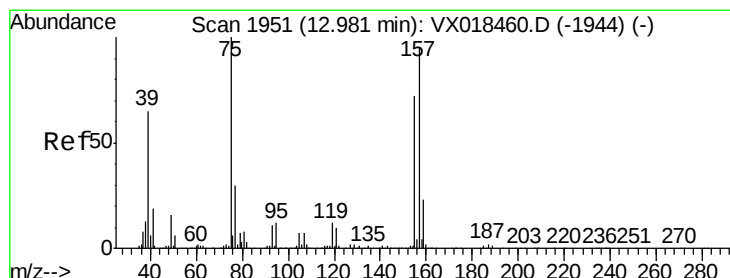
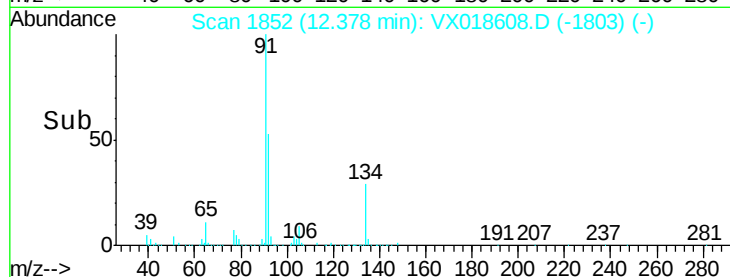
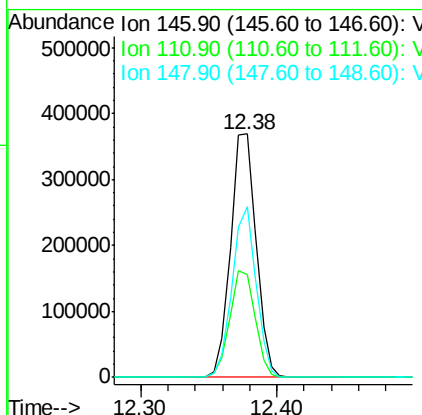
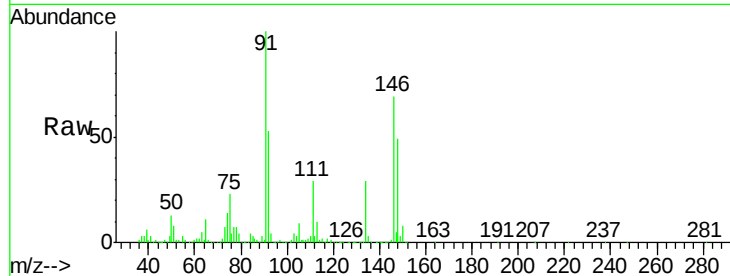
#91
 1,2-Dichlorobenzene
 Concen: 47.019 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	43.3	21.5	64.5	
148	65.8	32.1	96.5	

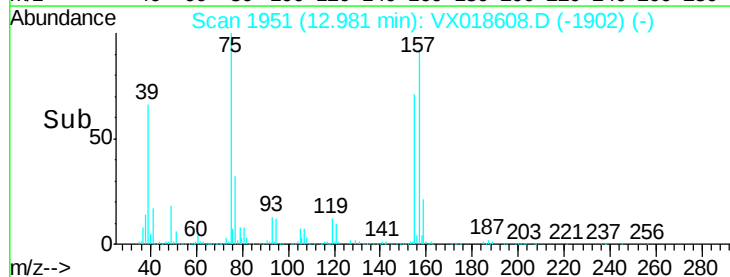
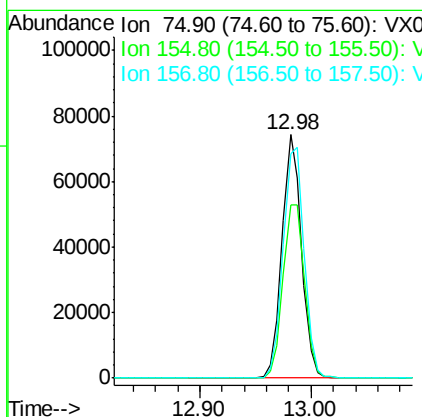
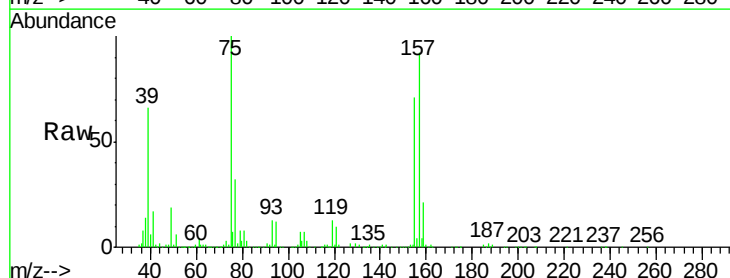
Manual Integrations
 APPROVED

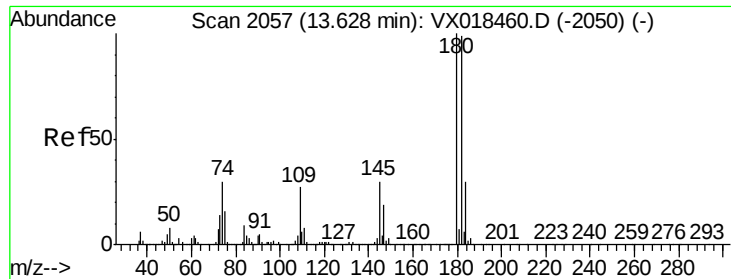
MMDadoda
 9/28/2020 12:51:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.472 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	79.2	38.8	116.4	
157	101.8	51.1	153.3	





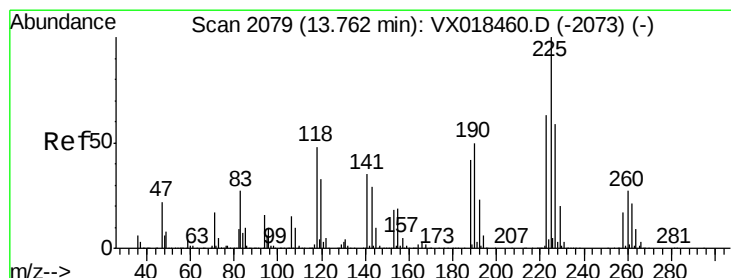
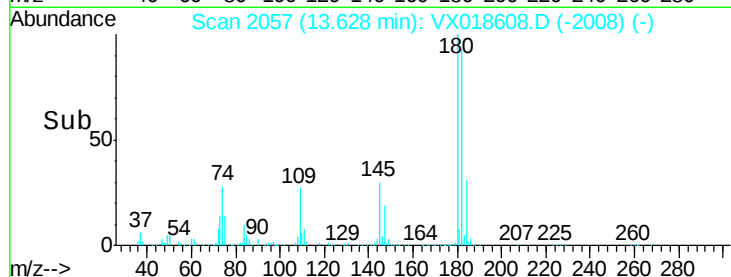
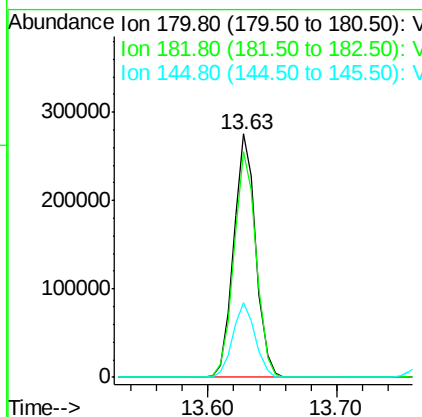
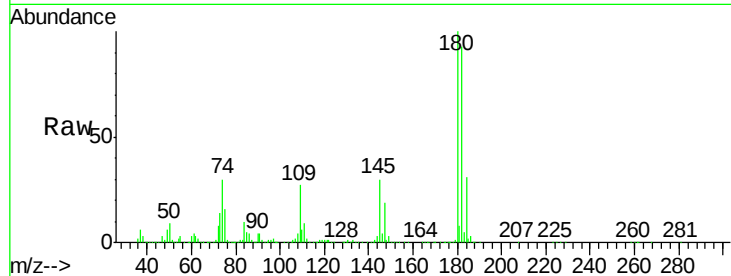
#93
 1,2,4-Trichlorobenzene
 Concen: 45.777 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.7	50.2	150.6	
145	31.3	15.7	47.1	

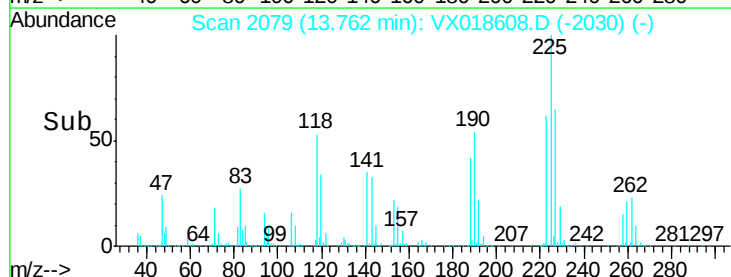
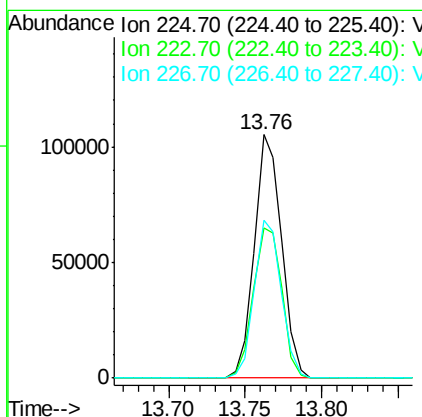
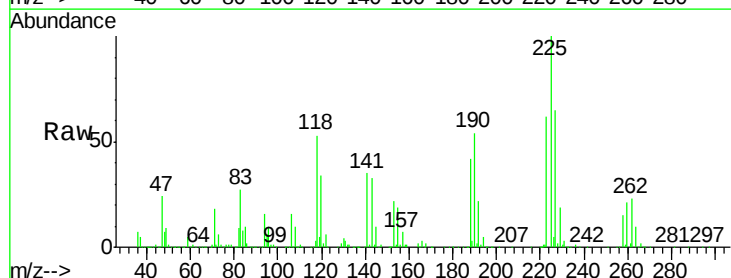
Manual Integrations
 APPROVED

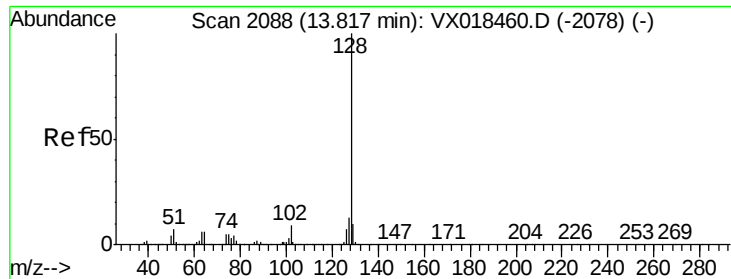
MMDadoda
 9/28/2020 12:51:37 PM



#94
 Hexachlorobutadiene
 Concen: 43.302 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018608.D
 Acq: 25 Sep 2020 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	32.0	96.2	
227	64.4	31.7	95.1	





#95

Naphthalene

Concen: 49.292 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1069750

Ion Ratio Lower Upper

128 100

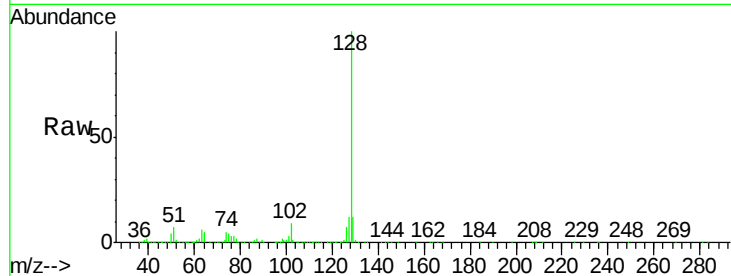
127 12.8 10.3 15.5

129 11.1 8.7 13.1

Manual Integrations
APPROVED

MMDadoda

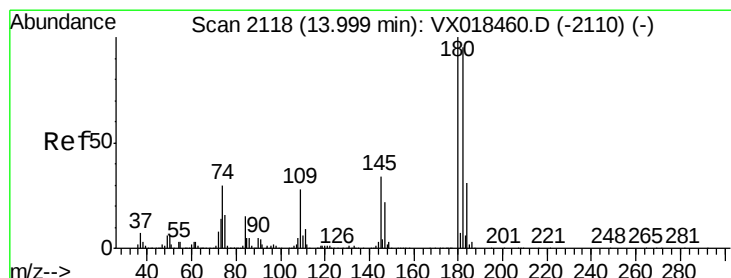
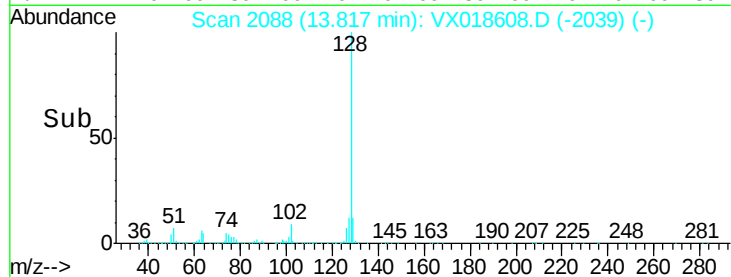
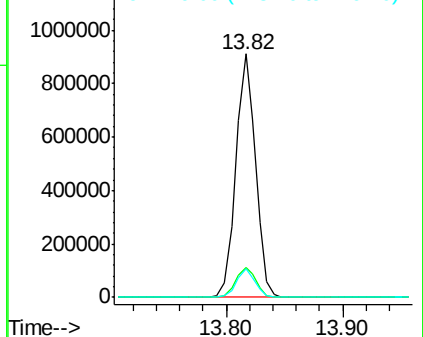
9/28/2020 12:51:37 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.470 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018608.D

Acq: 25 Sep 2020 20:01

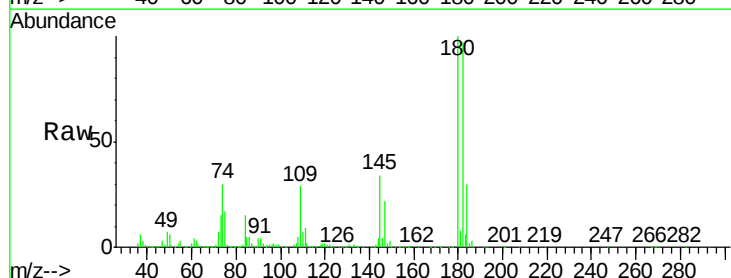
Tgt Ion:180 Resp: 326013

Ion Ratio Lower Upper

180 100

182 97.1 47.1 141.3

145 33.0 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

