

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092420\
 Data File : VX018586.D
 Acq On : 24 Sep 2020 20:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:22:14 PM

Quant Time: Sep 25 02:38:46 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	420037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	649984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	630763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	345801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	282843	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	5.47	113	220427	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	8.70	98	772825	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.12	95	301081	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	197905	49.696	ug/l	99
3) Chloromethane	1.31	50	208067	44.629	ug/l	97
4) Vinyl Chloride	1.39	62	226527	45.895	ug/l	100
5) Bromomethane	1.64	94	154288	50.931	ug/l	97
6) Chloroethane	1.71	64	130924	46.348	ug/l	97
7) Trichlorofluoromethane	1.92	101	397447	53.006	ug/l	97
8) Diethyl Ether	2.17	74	124211	47.215	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	200902	49.779	ug/l	99
10) Methyl Iodide	2.50	142	250896	50.219	ug/l	95
11) Tert butyl alcohol	3.04	59	218108	210.958	ug/l	100
12) 1,1-Dichloroethene	2.36	96	198207	48.726	ug/l	93
13) Acrolein	2.28	56	189236	289.065	ug/l	95
14) Allyl chloride	2.71	41	345446	43.823	ug/l	96
15) Acrylonitrile	3.12	53	565523	229.243	ug/l	99
16) Acetone	2.43	43	487232	214.406	ug/l	98
17) Carbon Disulfide	2.55	76	550566	45.320	ug/l	99
18) Methyl Acetate	2.75	43	274775	48.802	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	714595	50.043	ug/l	97
20) Methylene Chloride	2.84	84	227880	45.449	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	218994	46.323	ug/l	97
22) Diisopropyl ether	3.82	45	713663	48.165	ug/l	98
23) Vinyl Acetate	3.79	43	3124273	237.956	ug/l	100
24) 1,1-Dichloroethane	3.67	63	402630	47.118	ug/l	99
25) 2-Butanone	4.64	43	785013	221.827	ug/l	98
26) 2,2-Dichloropropane	4.56	77	325907	41.278	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	242813	45.824	ug/l	98
28) Bromochloromethane	4.98	49	189303	47.342	ug/l	99
29) Tetrahydrofuran	5.09	42	498958	223.700	ug/l	97
30) Chloroform	5.18	83	436254	50.317	ug/l	97
31) Cyclohexane	5.56	56	329391	45.807	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	410576	50.477	ug/l	99
36) 1,1-Dichloropropene	5.78	75	309364	49.037	ug/l	100
37) Ethyl Acetate	4.80	43	321105	47.664	ug/l	100
38) Carbon Tetrachloride	5.76	117	379073	54.254	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	329738	46.522	ug/l	98
40) Benzene	6.12	78	872357	48.250	ug/l	99
41) Methacrylonitrile	5.01	41	175551	46.896	ug/l	98
42) 1,2-Dichloroethane	6.17	62	366537	52.111	ug/l	99
43) Isopropyl Acetate	6.42	43	520701	46.577	ug/l	99
44) Trichloroethene	7.19	130	260992	49.865	ug/l	99
45) 1,2-Dichloropropane	7.49	63	237807	47.921	ug/l	96
46) Dibromomethane	7.64	93	169709	49.777	ug/l	99
47) Bromodichloromethane	7.88	83	356757	51.921	ug/l	96
48) Methyl methacrylate	7.75	41	258856	47.571	ug/l	96
49) 1,4-Dioxane	7.74	88	67774	753.794	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1622123	243.695	ug/l	99
52) Toluene	8.77	92	561357	49.340	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	381731	48.893	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	390623	48.565	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	235189	49.818	ug/l	98
56) Ethyl methacrylate	9.16	69	351903	50.271	ug/l	98
57) 1,3-Dichloropropane	9.35	76	394615	49.751	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	866669	232.868	ug/l	100
59) 2-Hexanone	9.48	43	1212751	239.537	ug/l	99
60) Dibromochloromethane	9.57	129	298127	52.960	ug/l	99
61) 1,2-Dibromoethane	9.65	107	260341	51.829	ug/l	99
64) Tetrachloroethene	9.32	164	239699	48.269	ug/l	98
65) Chlorobenzene	10.12	112	629270	48.449	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	259155	49.739	ug/l	98
67) Ethyl Benzene	10.24	91	1099630	48.913	ug/l	99
68) m/p-Xylenes	10.34	106	848279	99.747	ug/l	99
69) o-Xylene	10.68	106	392570	48.748	ug/l	99
70) Styrene	10.70	104	691989	49.766	ug/l	97
71) Bromoform	10.84	173	216079	49.393	ug/l #	99
73) Isopropylbenzene	11.00	105	1097490	47.509	ug/l	100
74) N-amyl acetate	10.88	43	455104	43.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	349027	45.647	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	319358m	43.948	ug/l	
77) Bromobenzene	11.24	156	286357	44.926	ug/l	97
78) n-propylbenzene	11.35	91	1260148	46.603	ug/l	99
79) 2-Chlorotoluene	11.40	91	748048	45.703	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	946927	47.931	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	118914	41.933	ug/l	97
82) 4-Chlorotoluene	11.49	91	903964	46.461	ug/l	100
83) tert-Butylbenzene	11.76	119	909393	47.410	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	952841	47.891	ug/l	97
85) sec-Butylbenzene	11.93	105	1047990	46.304	ug/l	99
86) p-Isopropyltoluene	12.05	119	995076	47.839	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	520531	45.421	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	530965	45.693	ug/l	100
89) n-Butylbenzene	12.37	91	872572	45.314	ug/l	99
90) Hexachloroethane	12.58	117	191203	46.044	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	501443	46.748	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	86943	46.839	ug/l	98

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VSTDCCC050EC

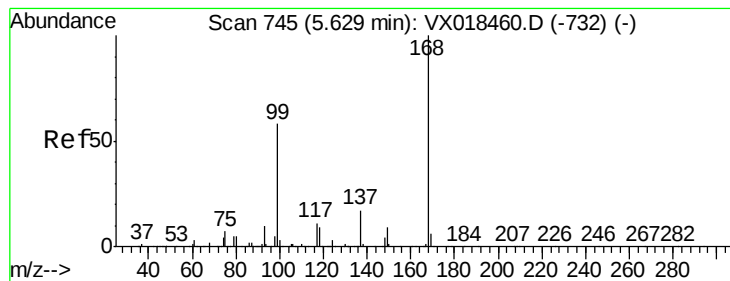
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	334369	44.789	ug/l	98
94) Hexachlorobutadiene	13.76	225	145549	46.461	ug/l	98
95) Naphthalene	13.82	128	1036985	45.995	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	325913	45.681	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: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 420037

Ion Ratio Lower Upper

168 100

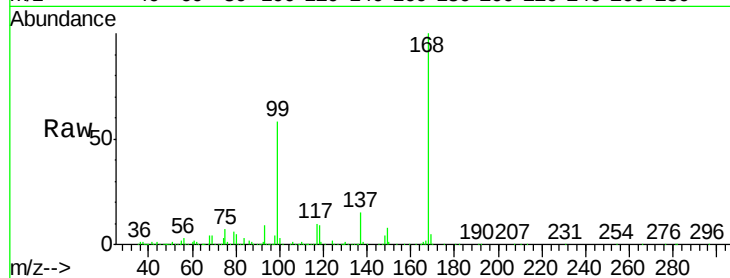
99 57.5 46.5 69.7

Manual Integrations

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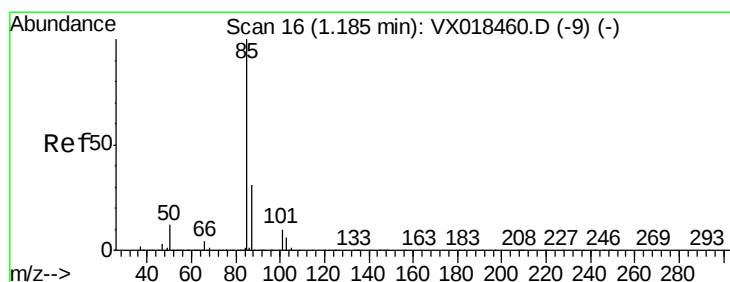
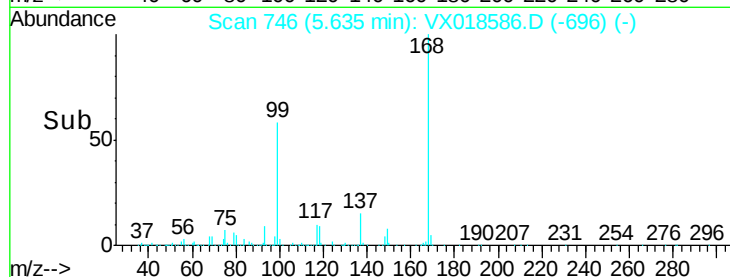
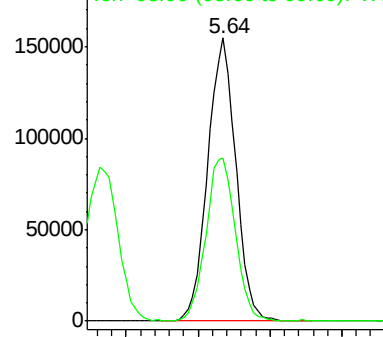
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.696 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018586.D

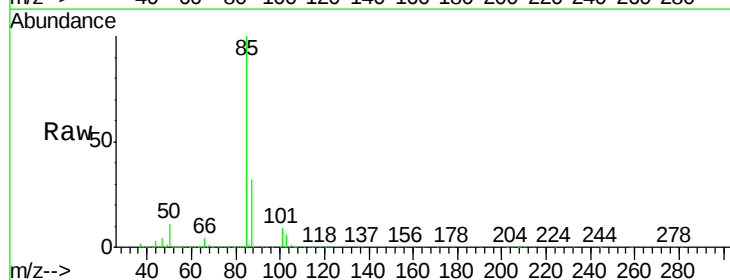
Acq: 24 Sep 2020 20:23

Tgt Ion: 85 Resp: 197905

Ion Ratio Lower Upper

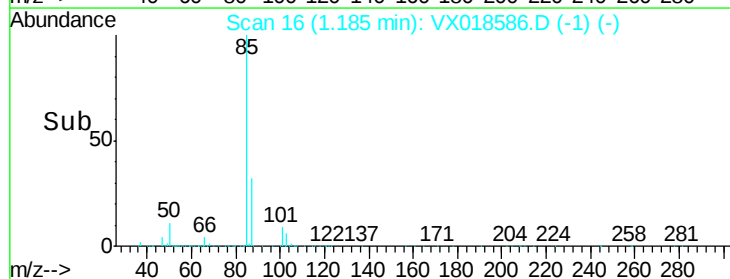
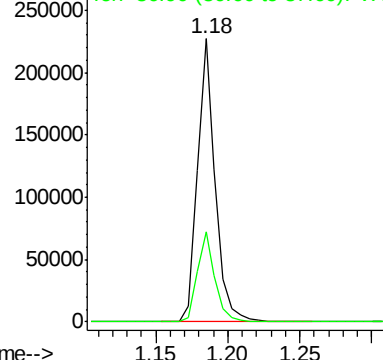
85 100

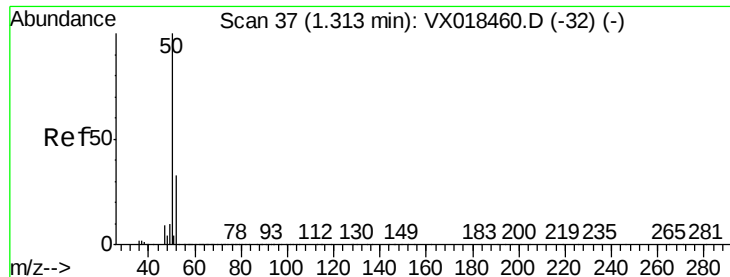
87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.629 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 208067

Ion Ratio Lower Upper

50 100

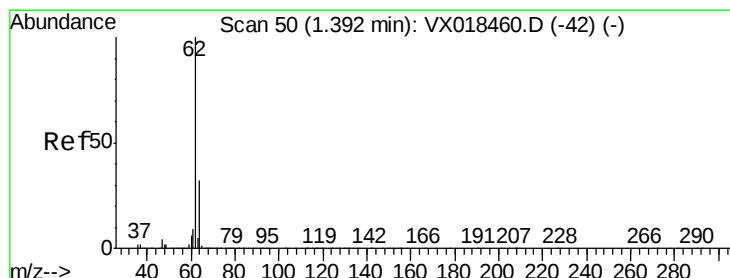
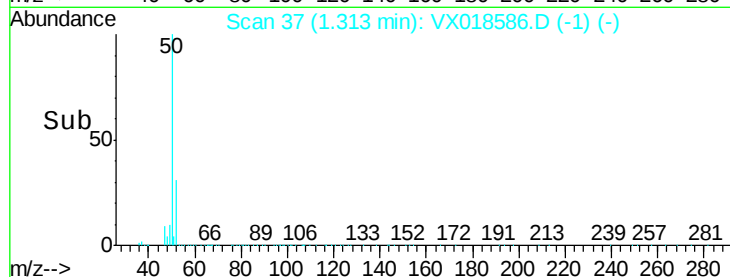
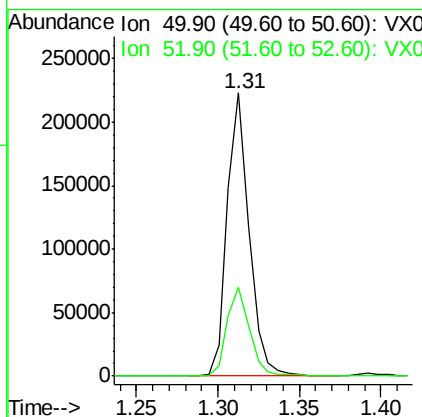
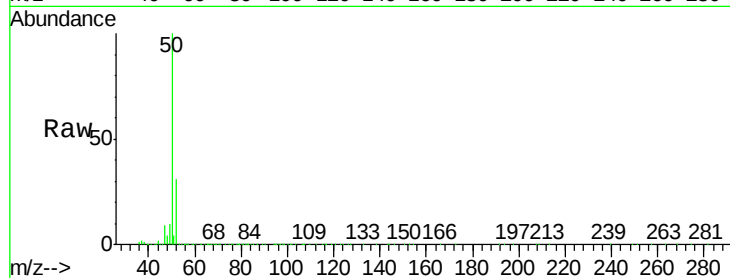
52 31.4 26.6 40.0

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#4

Vinyl Chloride

Concen: 45.895 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018586.D

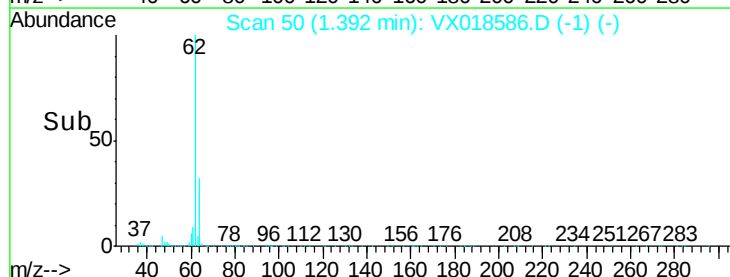
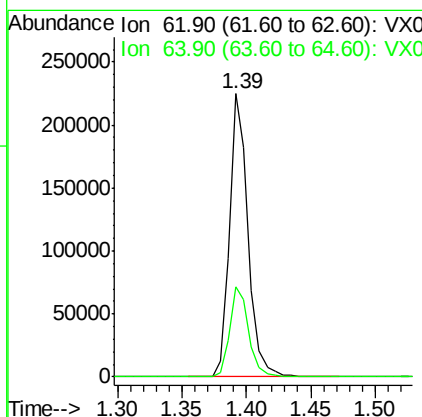
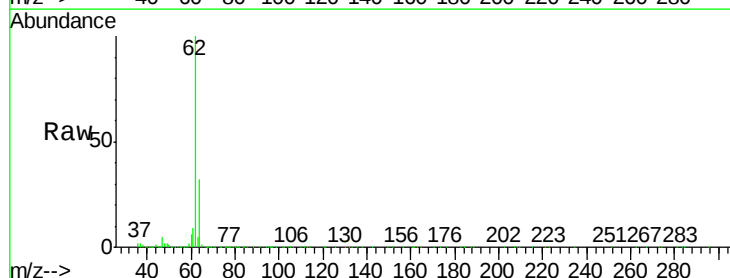
Acq: 24 Sep 2020 20:23

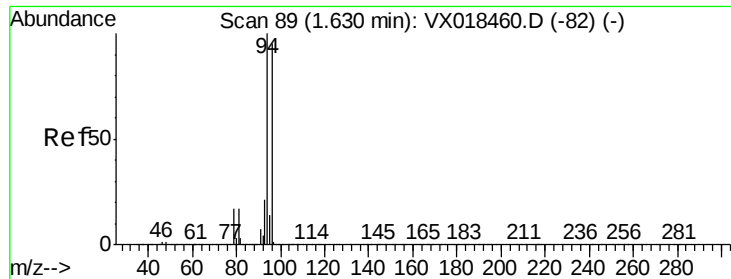
Tgt Ion: 62 Resp: 226527

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 50.931 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 154288

Ion Ratio Lower Upper

94 100

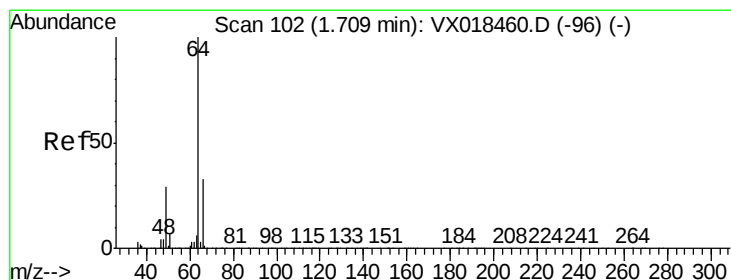
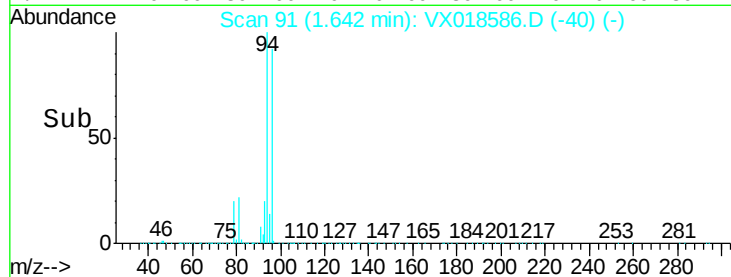
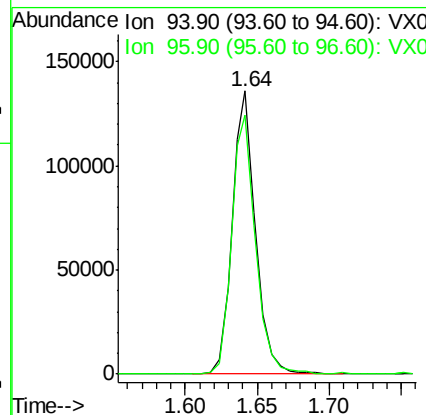
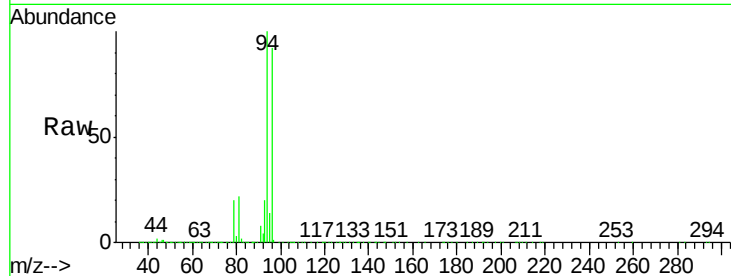
96 91.4 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 46.348 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018586.D

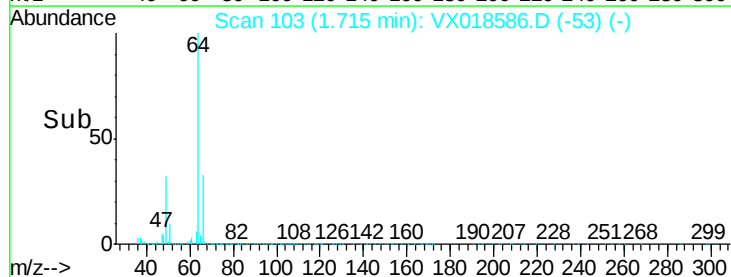
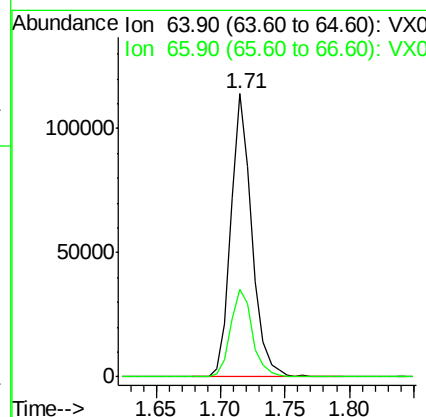
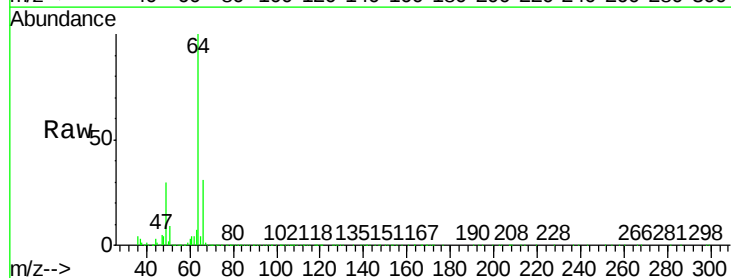
Acq: 24 Sep 2020 20:23

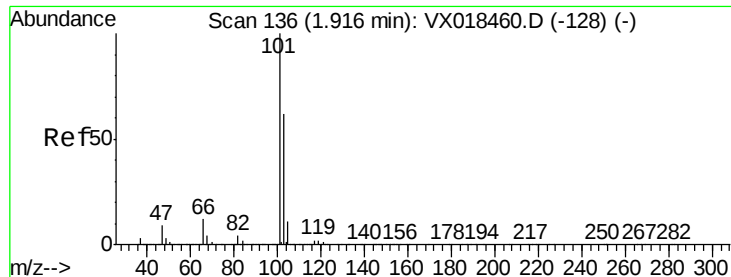
Tgt Ion: 64 Resp: 130924

Ion Ratio Lower Upper

64 100

66 30.8 26.2 39.4





#7

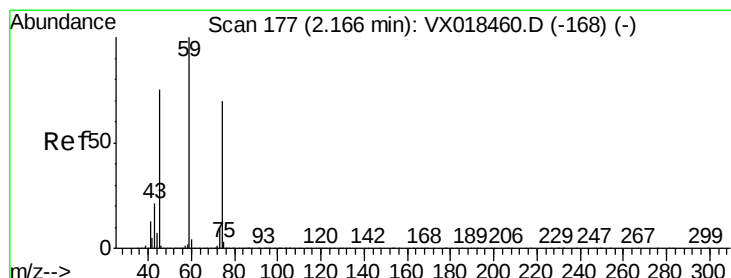
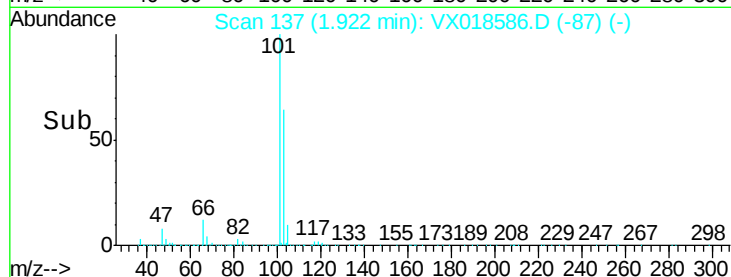
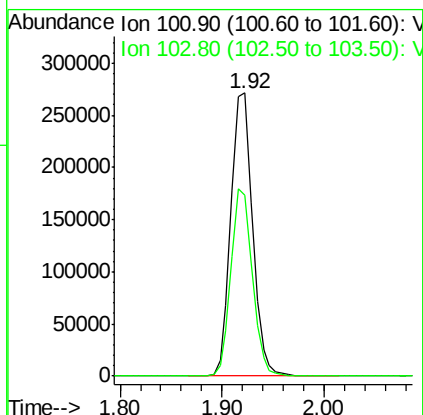
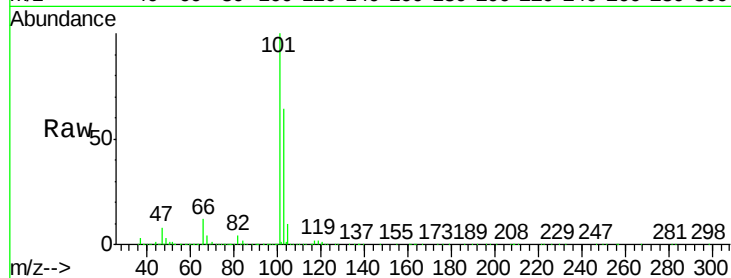
Trichlorofluoromethane
 Concen: 53.006 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	49.6	74.4

Manual Integrations
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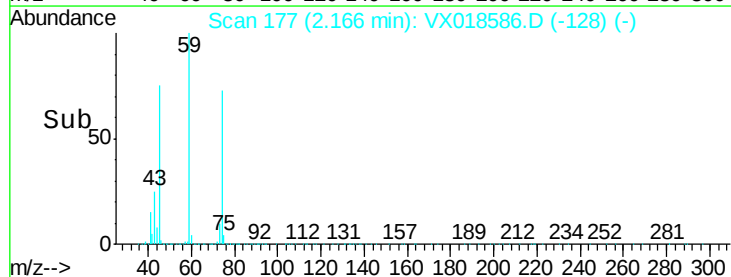
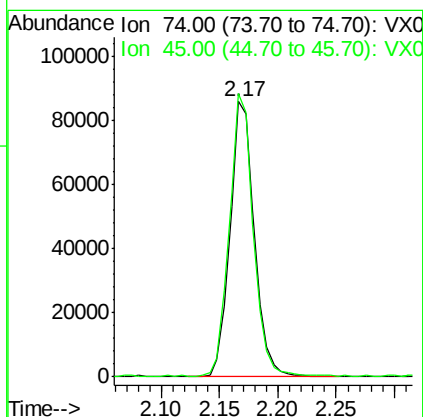
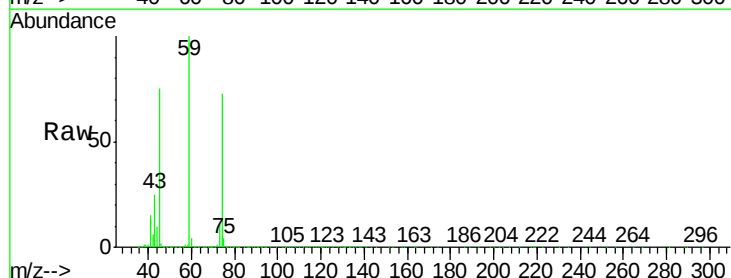
MMDadoda
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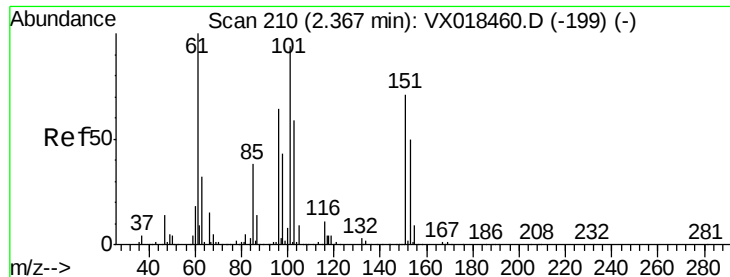


#8

Diethyl Ether
 Concen: 47.215 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.779 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

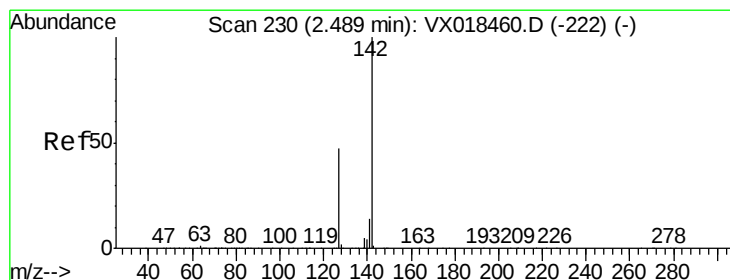
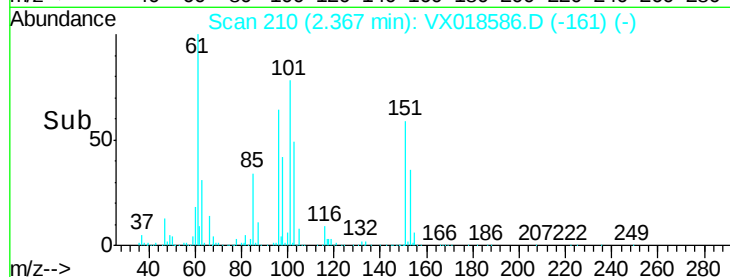
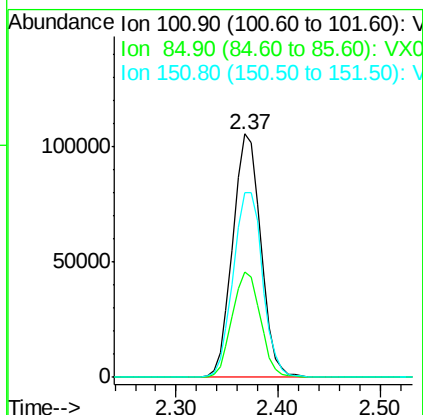
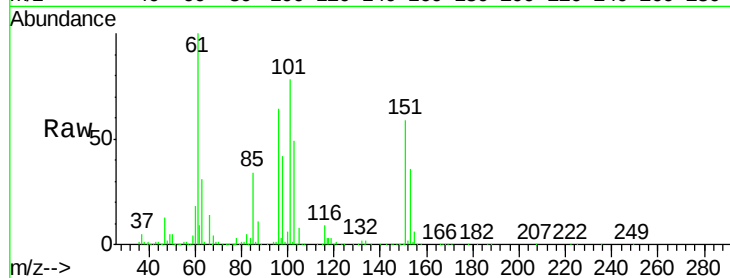
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	200902
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.7	52.1
151	79.7	64.9	97.3

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#10

Methyl Iodide

Concen: 50.219 ug/l

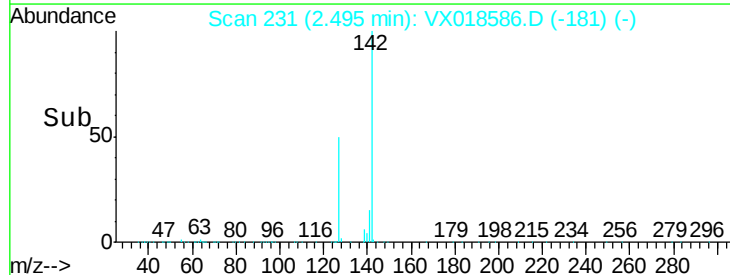
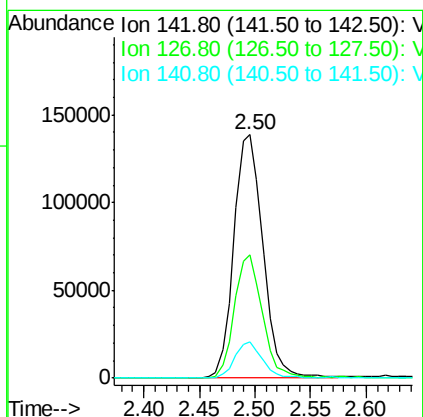
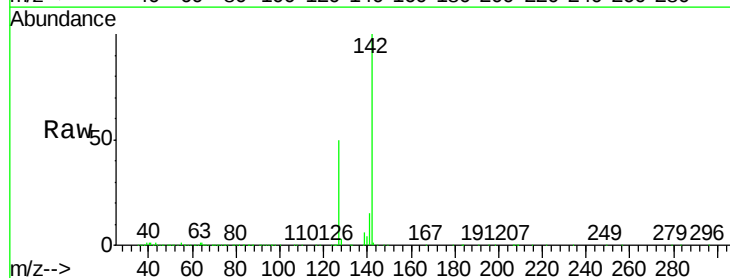
RT: 2.50 min Scan# 231

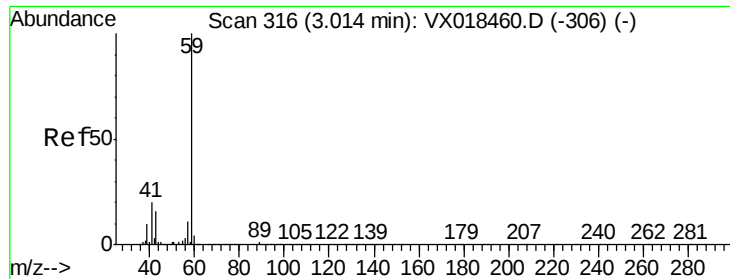
Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion:	142	Resp:	250896
Ion Ratio	Lower	Upper	
142	100		
127	48.7	36.0	54.0
141	14.1	11.9	17.9





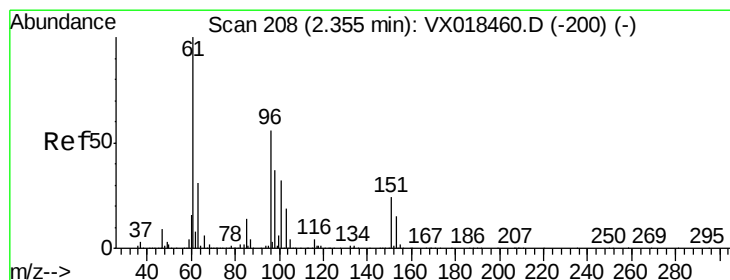
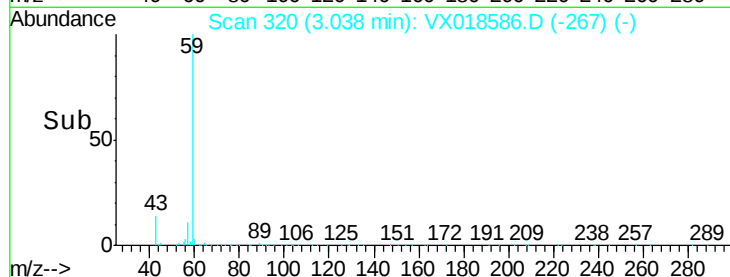
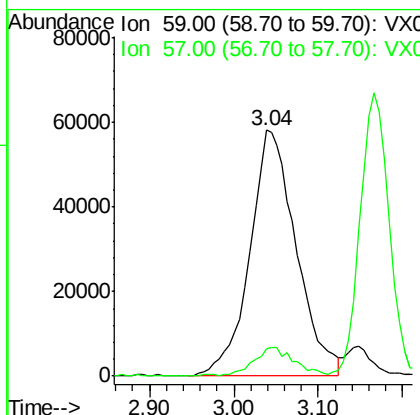
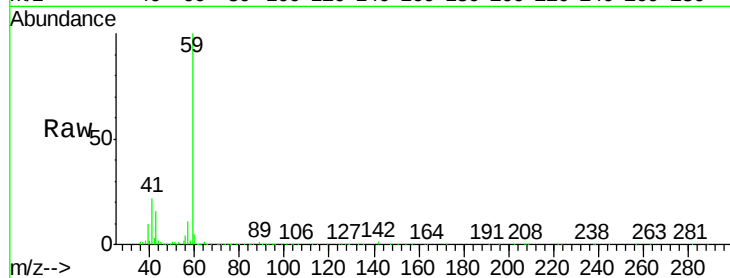
#11
Tert butyl alcohol
Concen: 210.958 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

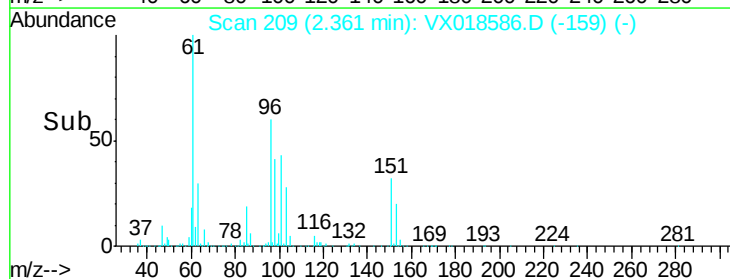
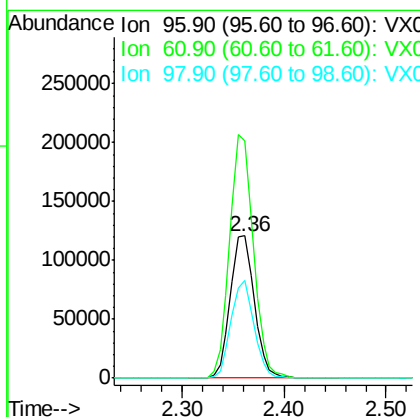
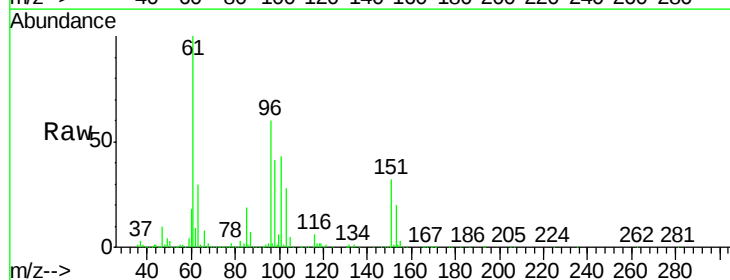
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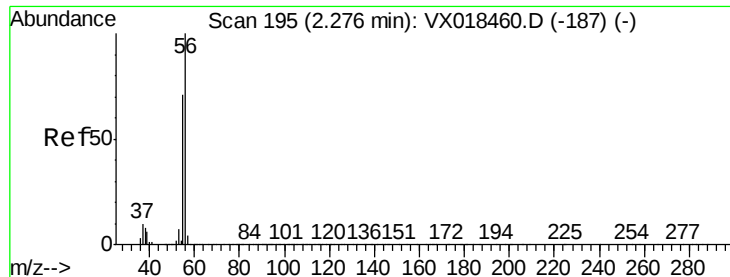
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.726 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.5	142.2	213.4
98	68.8	52.4	78.6





#13

Acrolein

Concen: 289.065 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 189236

Ion Ratio Lower Upper

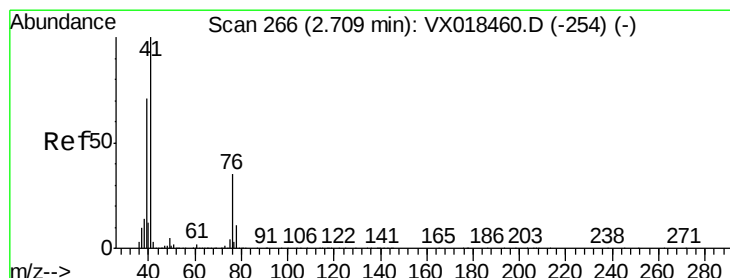
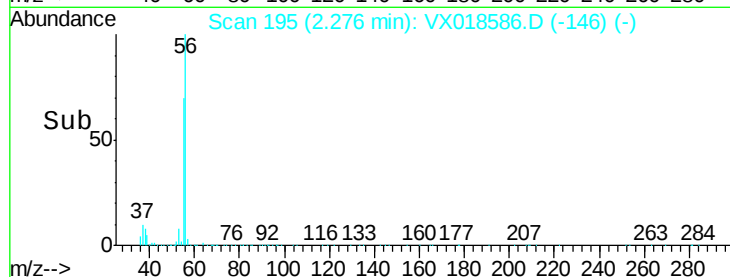
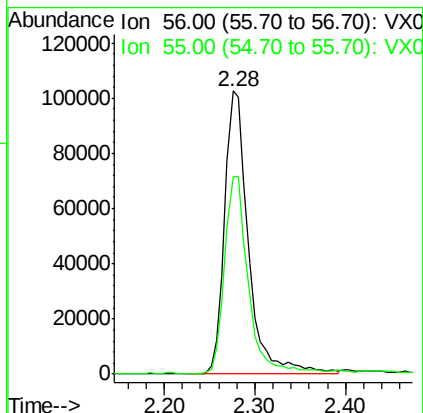
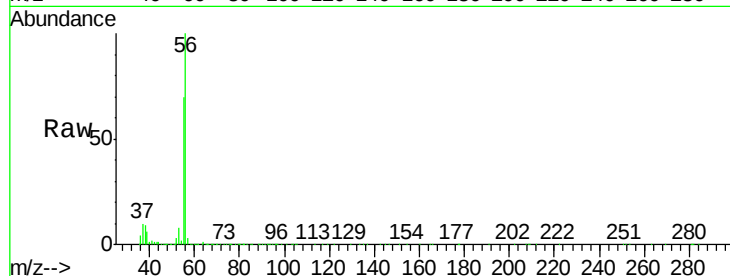
56 100

55 68.8 58.2 87.4

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#14

Allyl chloride

Concen: 43.823 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

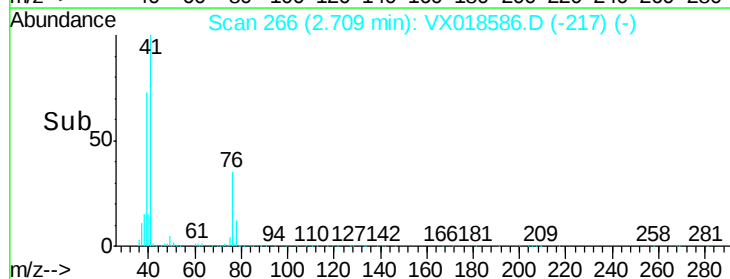
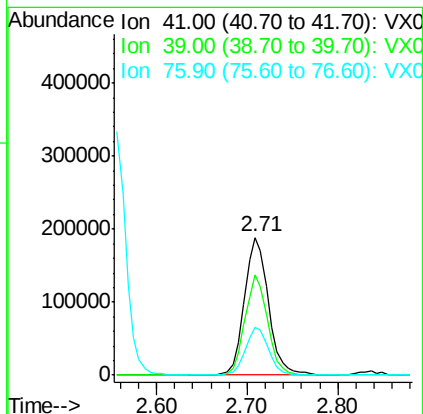
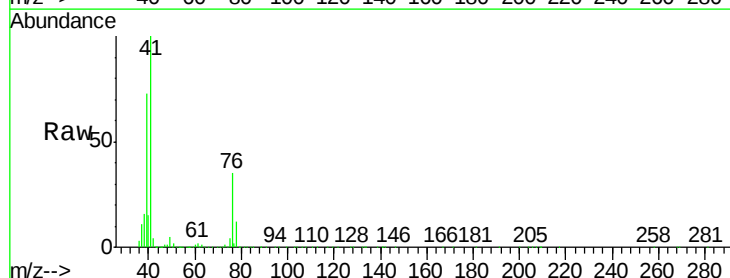
Tgt Ion: 41 Resp: 345446

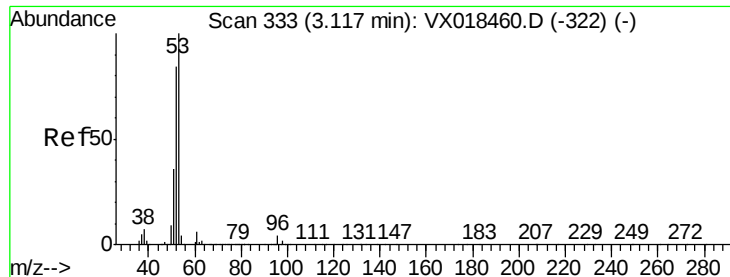
Ion Ratio Lower Upper

41 100

39 68.3 51.1 76.7

76 32.8 26.0 39.0





#15

Acrylonitrile

Concen: 229.243 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

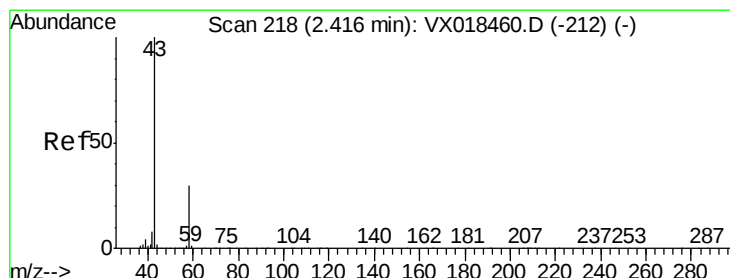
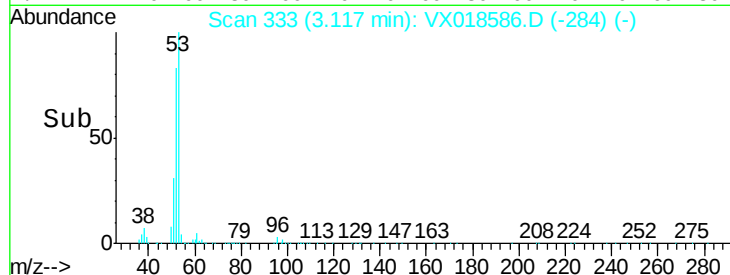
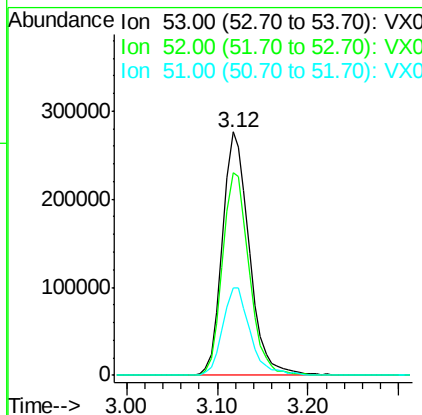
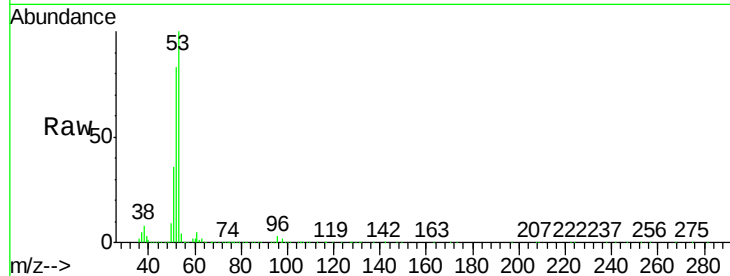
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	565523
Ion Ratio		Lower	Upper
53	100		
52	83.2	65.8	98.8
51	36.8	29.2	43.8

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#16

Acetone

Concen: 214.406 ug/l

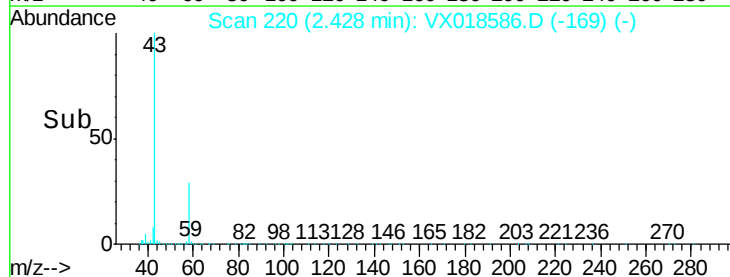
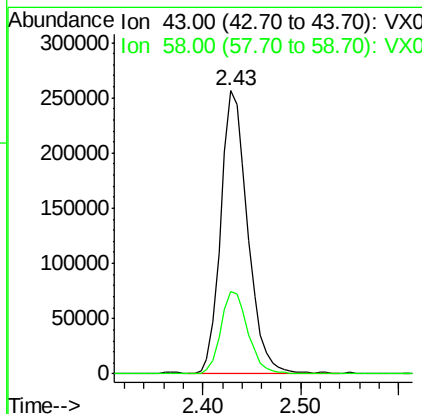
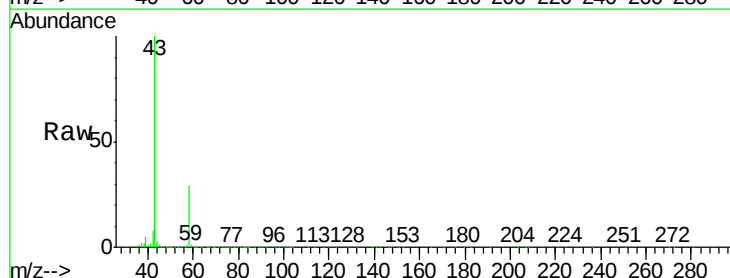
RT: 2.43 min Scan# 220

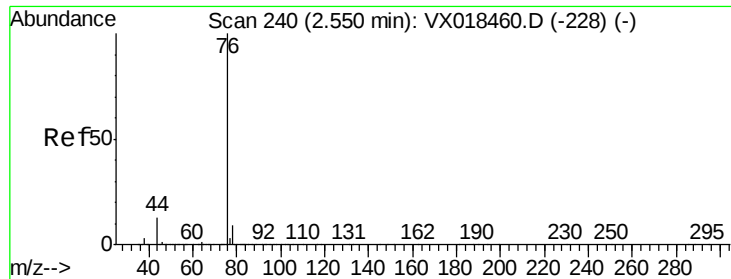
Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion:	43	Resp:	487232
Ion Ratio		Lower	Upper
43	100		
58	29.0	24.0	36.0





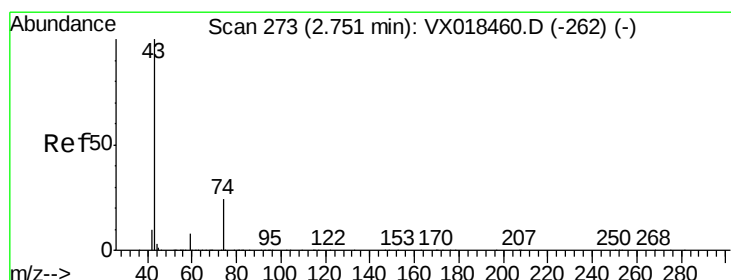
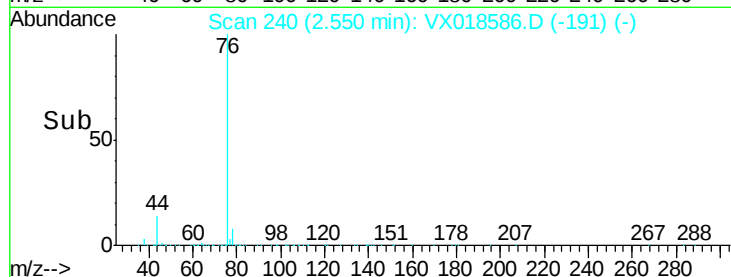
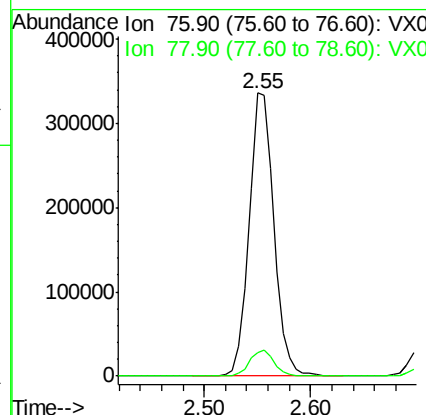
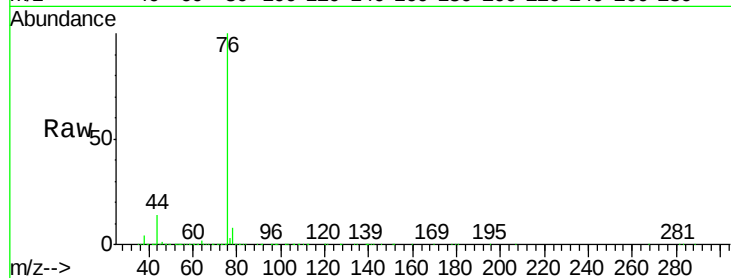
#17
Carbon Disulfide
Concen: 45.320 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.0	10.4

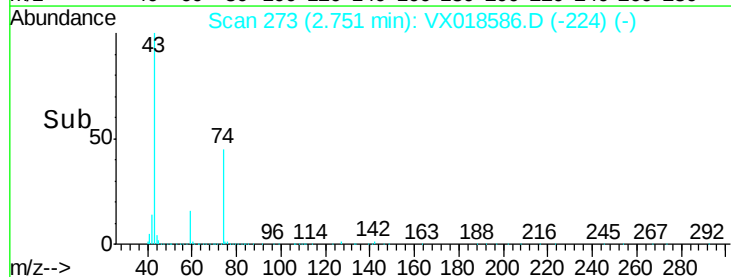
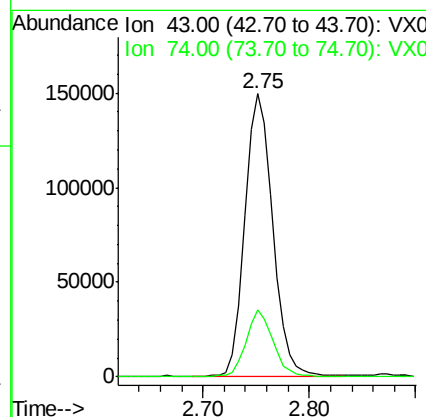
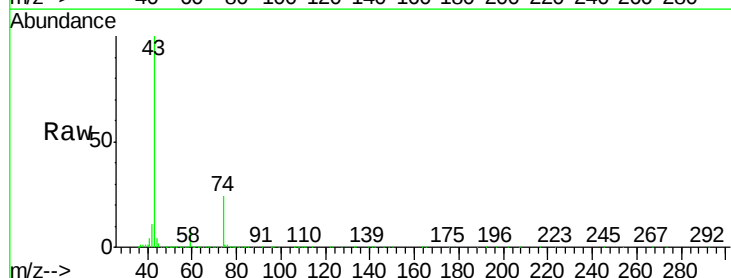
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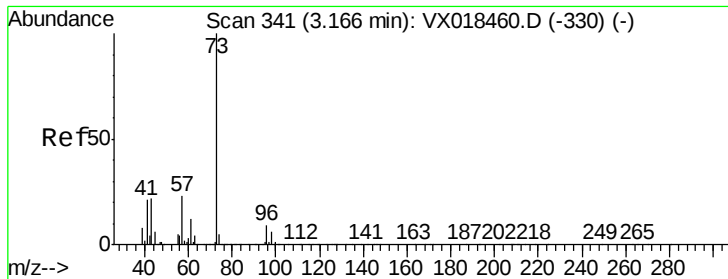
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#18
Methyl Acetate
Concen: 48.802 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.3	27.5





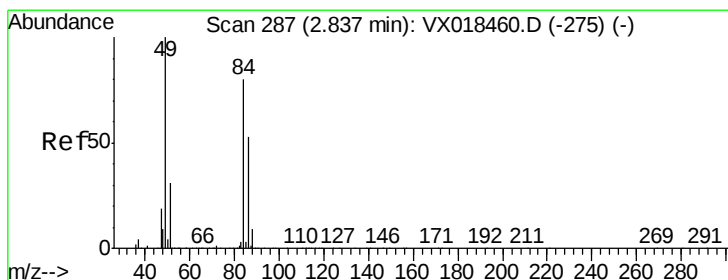
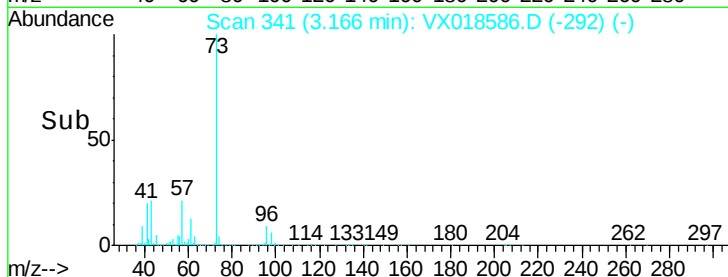
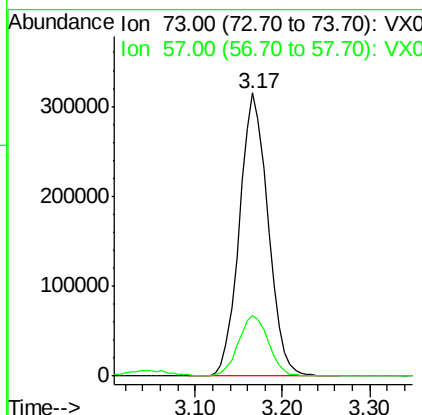
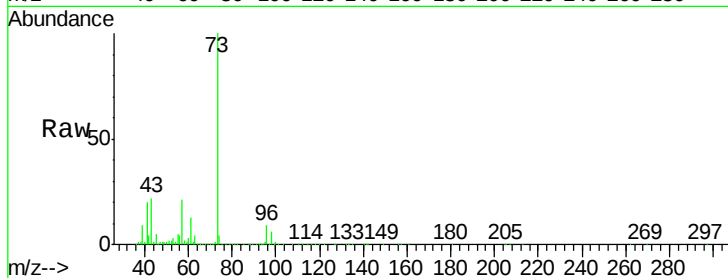
#19
Methyl tert-butyl Ether
Concen: 50.043 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.0	27.0

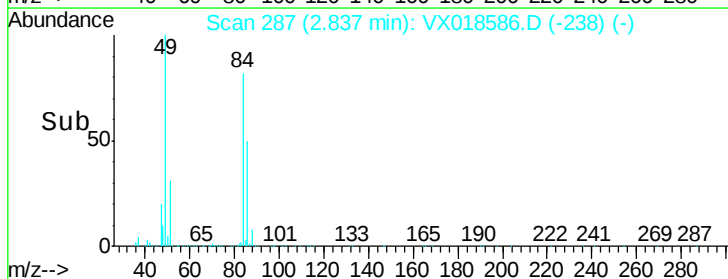
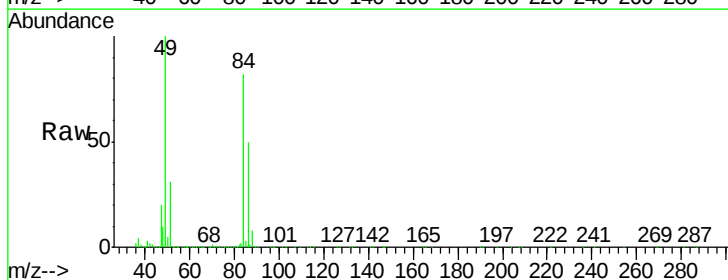
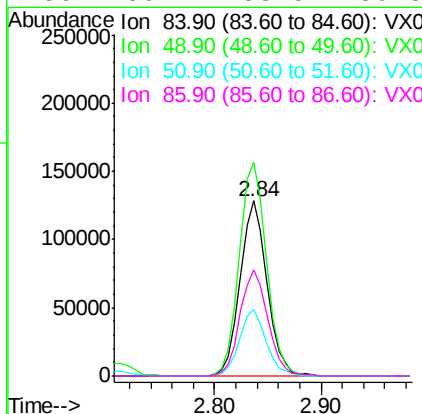
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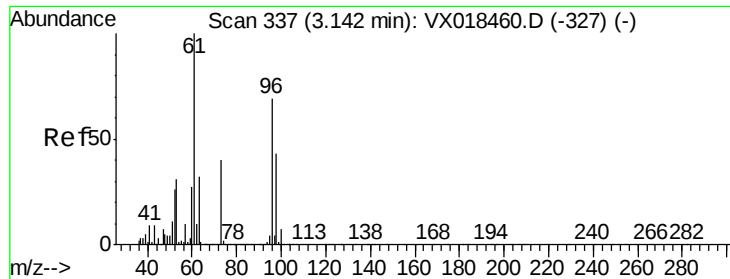
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#20
Methylene Chloride
Concen: 45.449 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	100.6	151.0
51	37.6	30.9	46.3
86	60.7	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 46.323 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

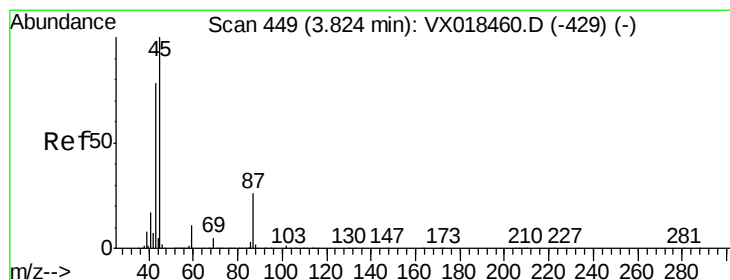
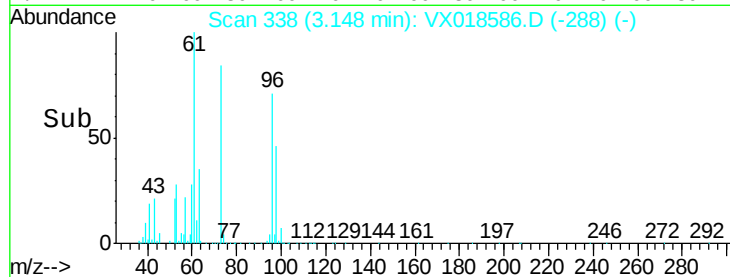
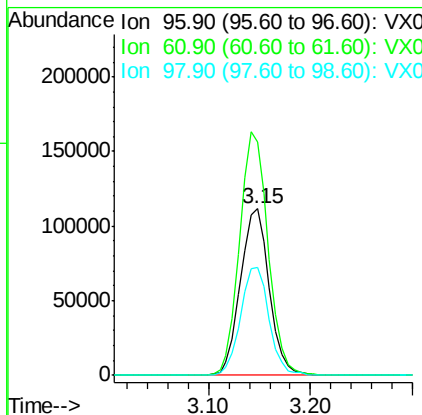
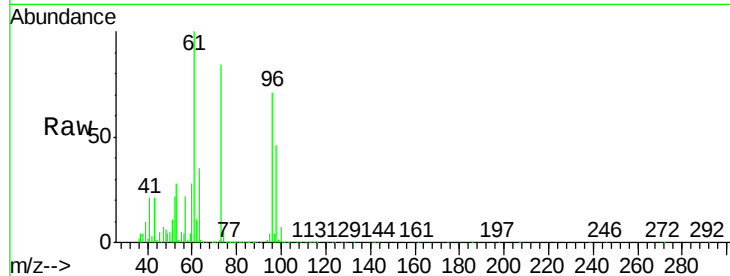
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	218994
Ion	Ratio	Lower	Upper
96	100		
61	139.8	115.6	173.4
98	64.8	50.2	75.4

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#22

Diisopropyl ether

Concen: 48.165 ug/l

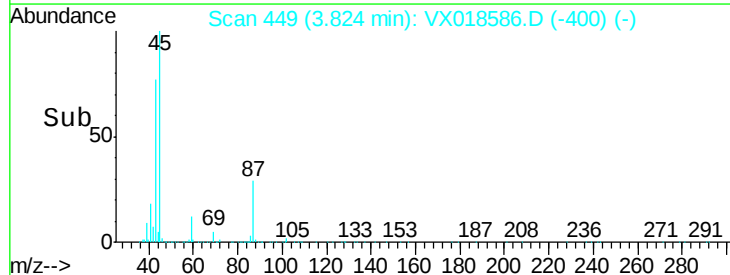
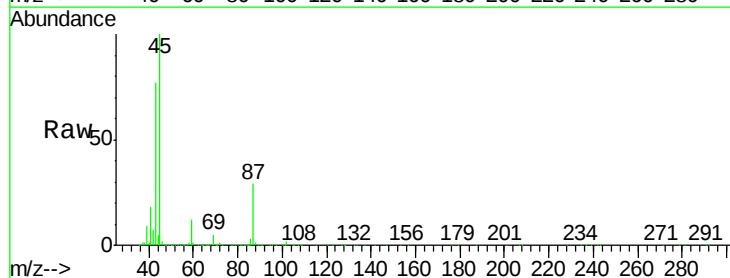
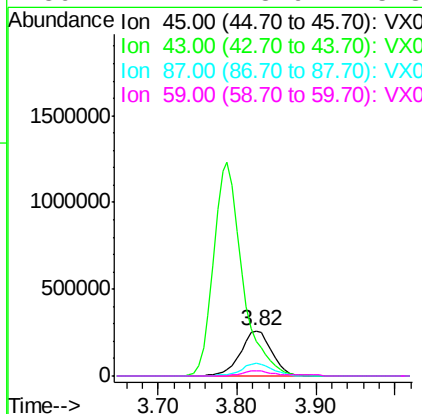
RT: 3.82 min Scan# 449

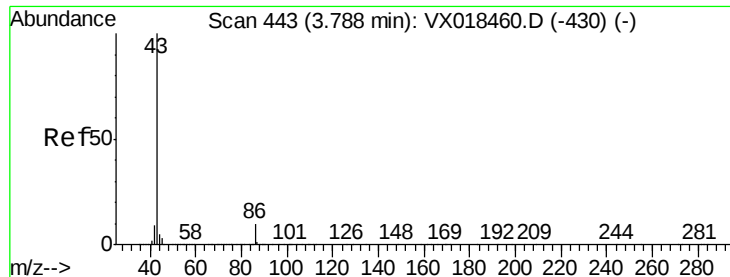
Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion:	45	Resp:	713663
Ion	Ratio	Lower	Upper
45	100		
43	76.7	62.4	93.6
87	29.1	21.2	31.8
59	11.7	8.9	13.3





#23

Vinyl Acetate

Concen: 237.956 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3124273

Ion Ratio Lower Upper

43 100

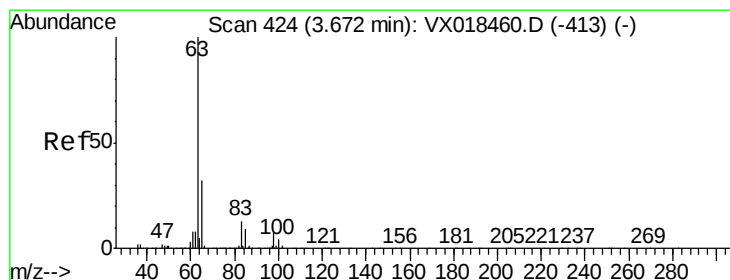
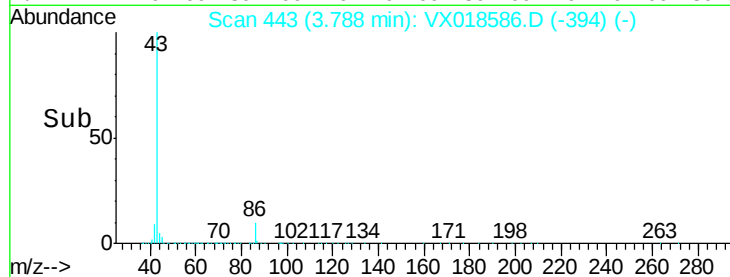
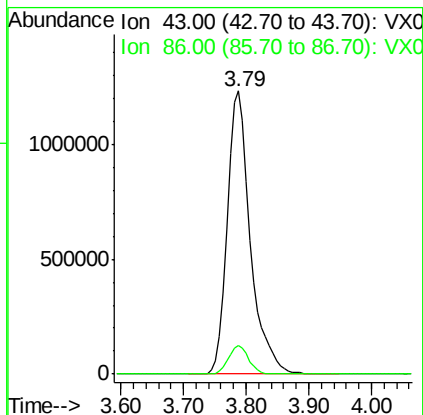
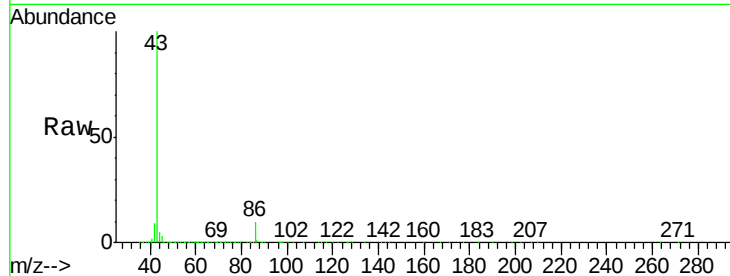
86 9.9 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 47.118 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

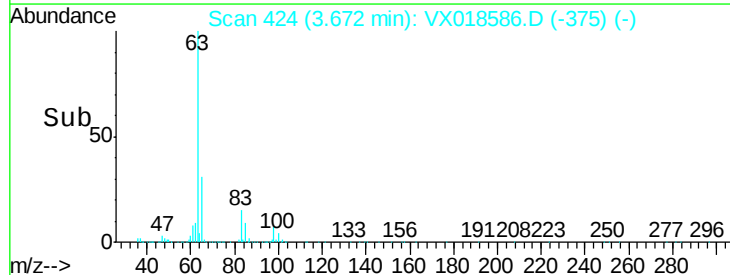
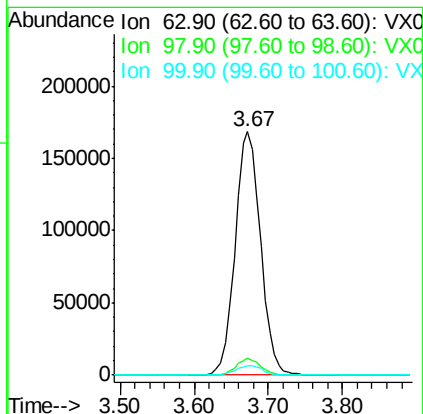
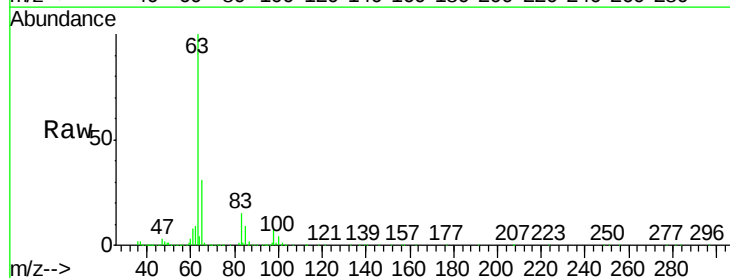
Tgt Ion: 63 Resp: 402630

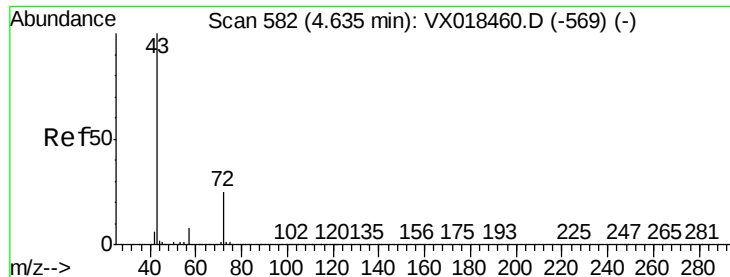
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.6

100 4.0 1.9 5.7





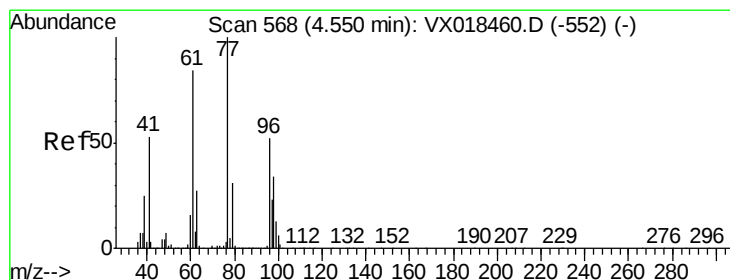
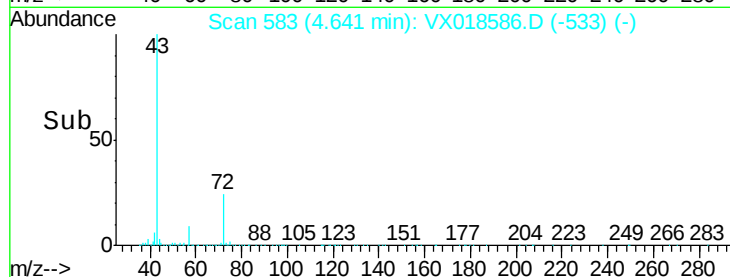
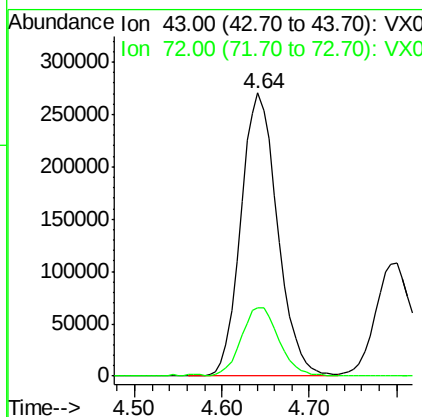
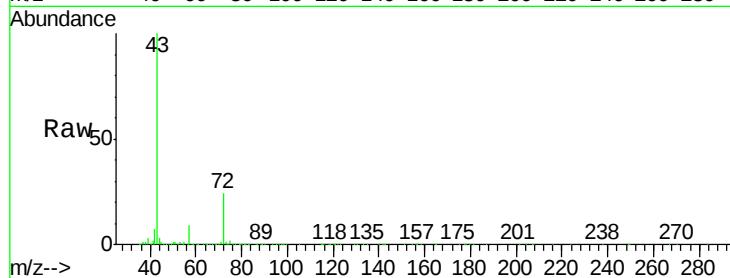
#25
2-Butanone
Concen: 221.827 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.2	30.4

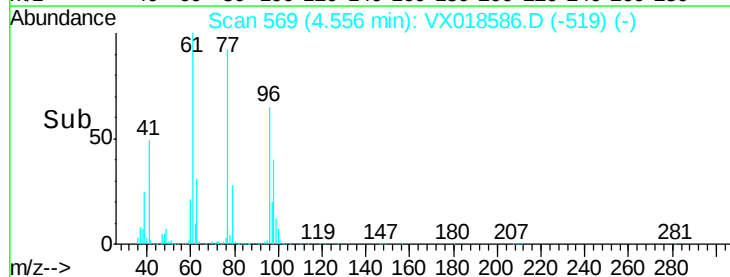
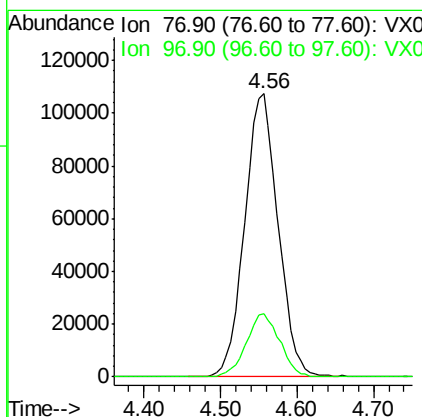
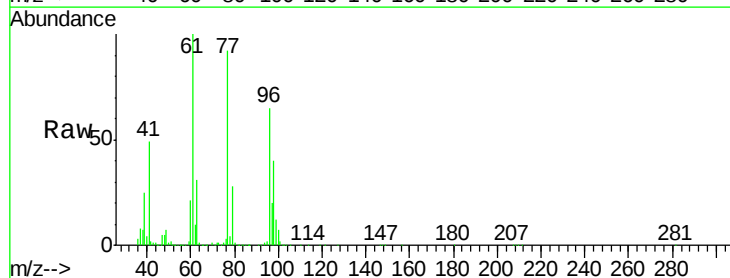
Manual Integrations
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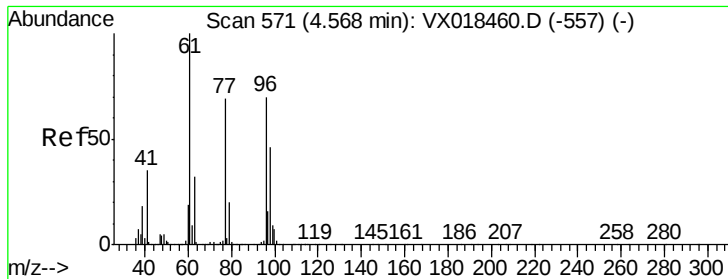
MMDadoda
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#26
2,2-Dichloropropane
Concen: 41.278 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.2	33.5





#27

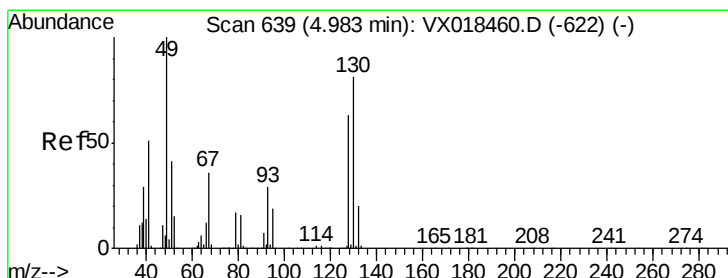
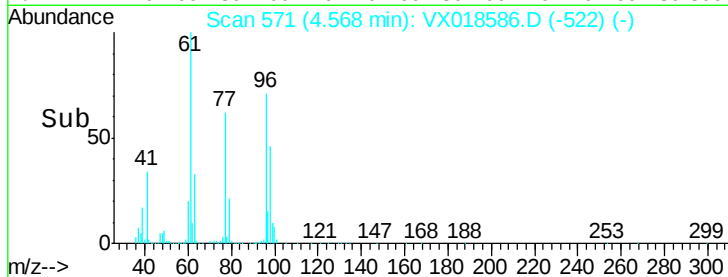
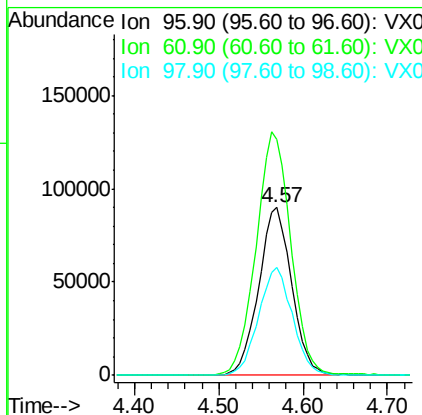
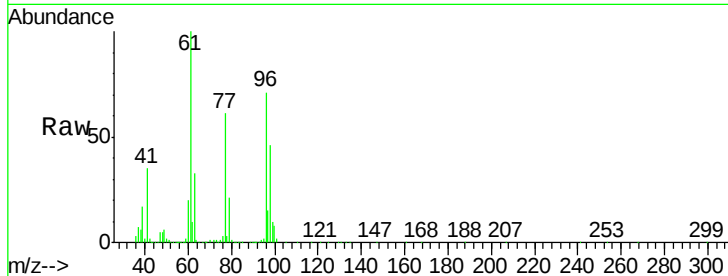
cis-1,2-Dichloroethene
Concen: 45.824 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	242813		
61	152.6	0.0	300.0	
98	65.9	0.0	130.4	

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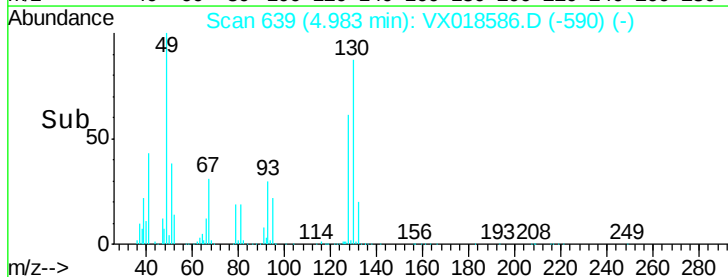
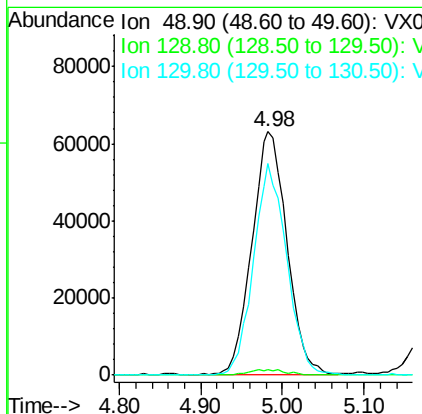
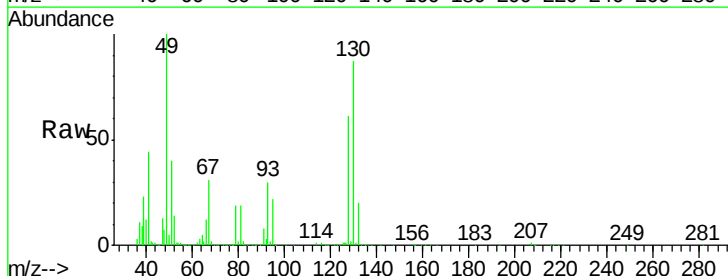
MMDadoda
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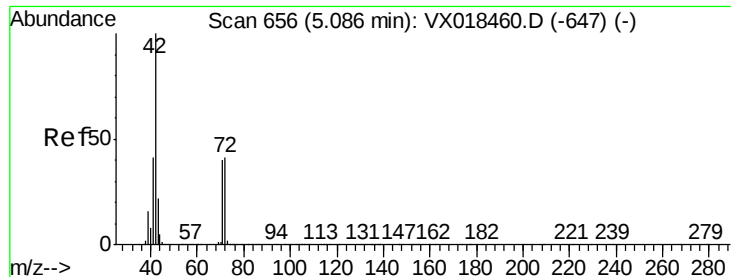


#28

Bromochloromethane
Concen: 47.342 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	189303		
129	2.4	0.0	4.6	
130	82.2	65.0	97.4	





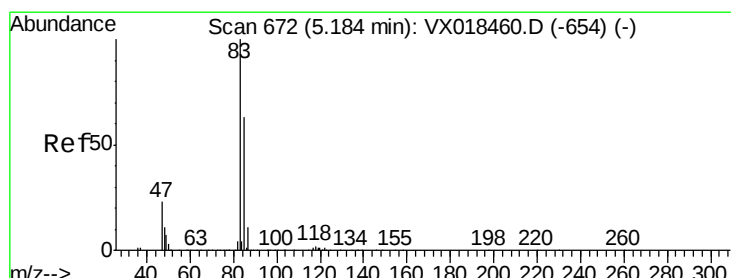
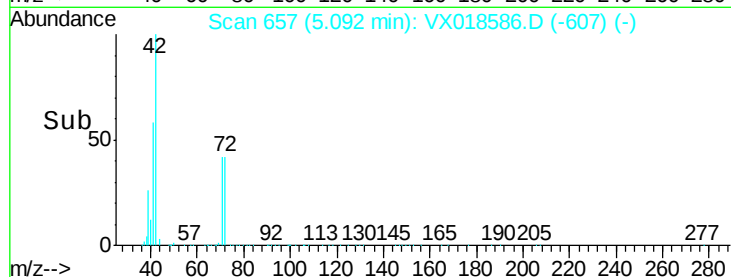
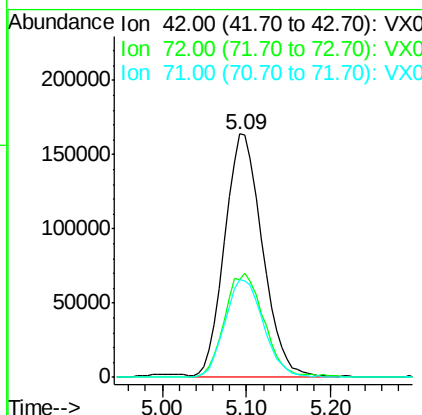
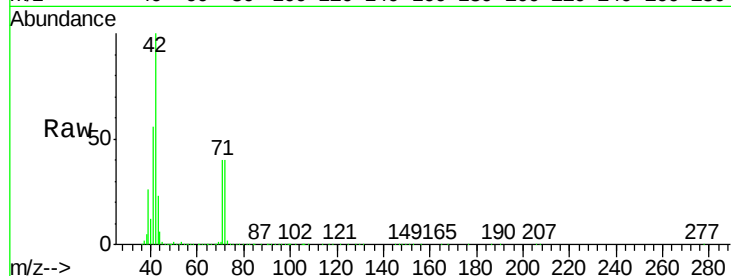
#29
Tetrahydrofuran
Concen: 223.700 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.3	51.5
71	41.4	32.1	48.1

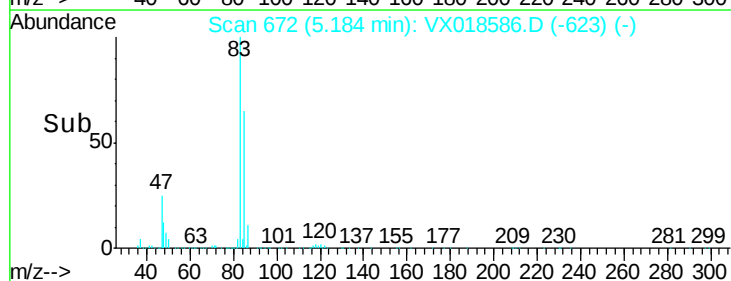
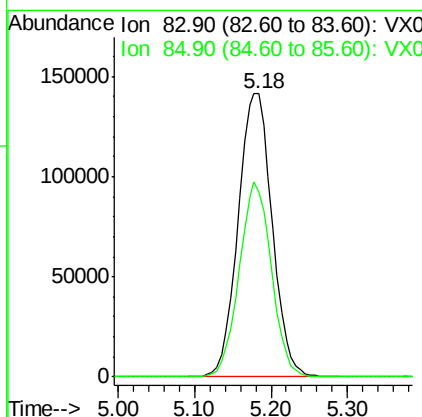
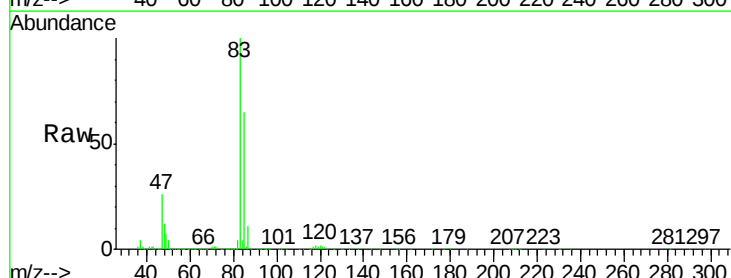
Manual Integrations
APPROVED

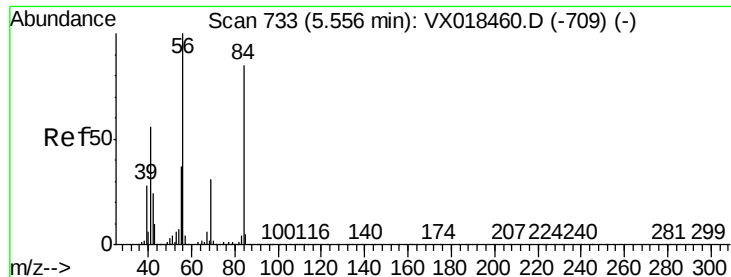
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#30
Chloroform
Concen: 50.317 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.6	76.0





#31

Cyclohexane

Concen: 45.807 ug/l

RT: 5.56 min Scan# 733

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

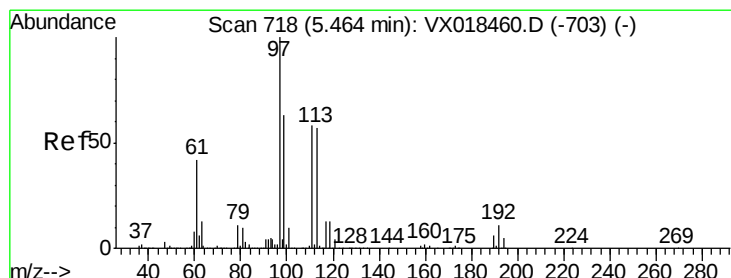
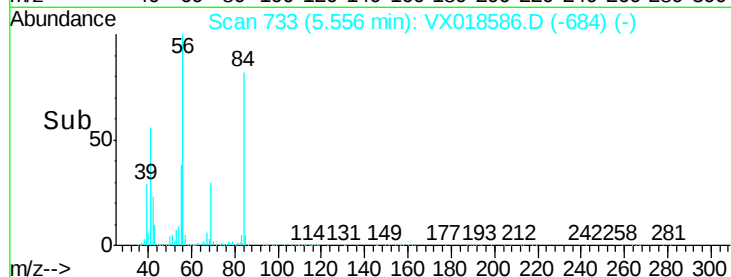
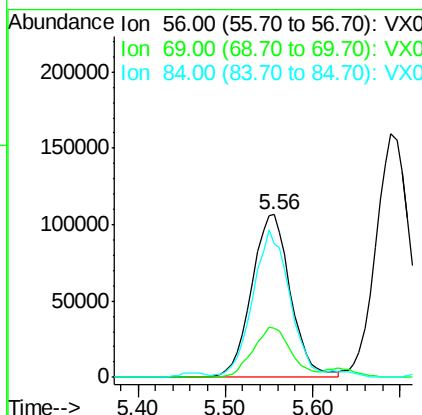
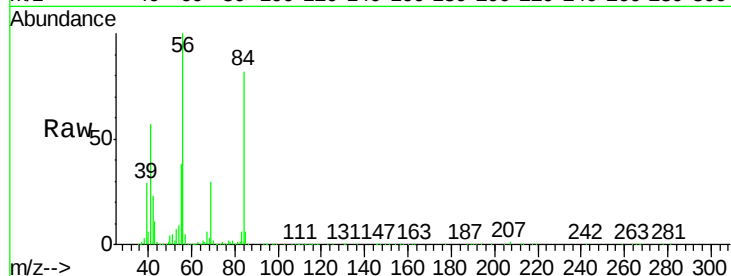
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	329391
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.8	37.2
84	80.2	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.477 ug/l

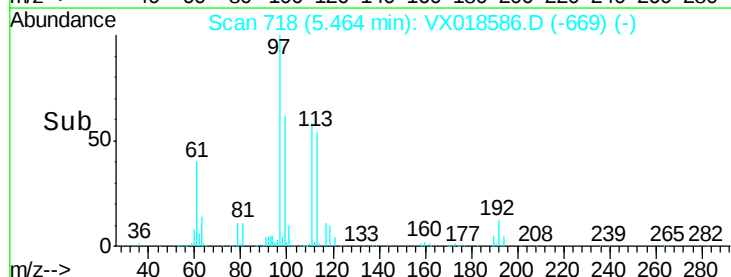
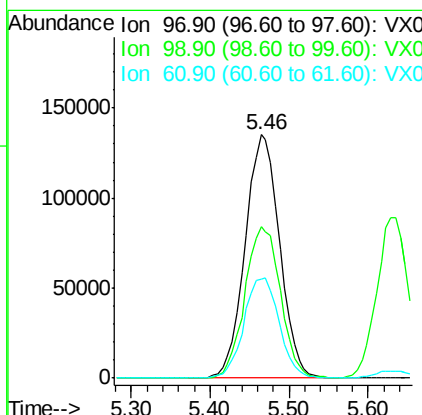
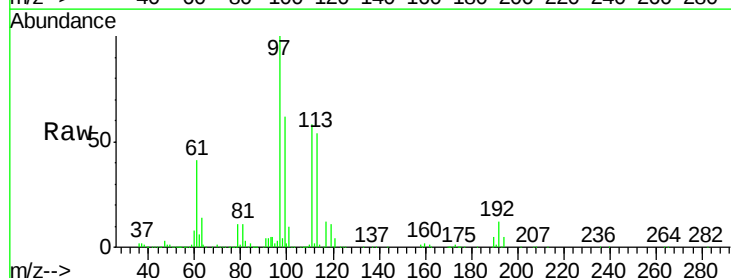
RT: 5.46 min Scan# 718

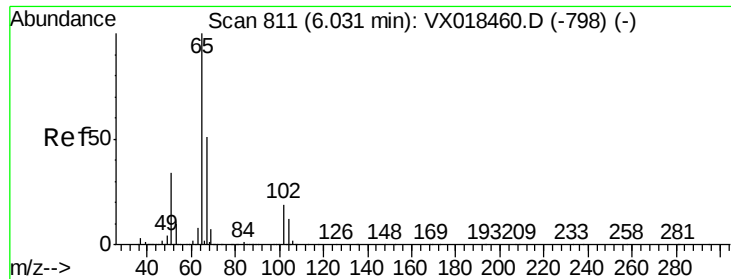
Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion:	97	Resp:	410576
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.5	75.7
61	42.2	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 47.600 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 282843

Ion Ratio Lower Upper

65 100

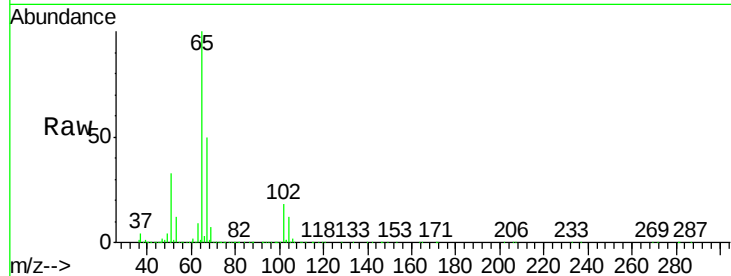
67 50.1 0.0 105.6

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

120000

100000

80000

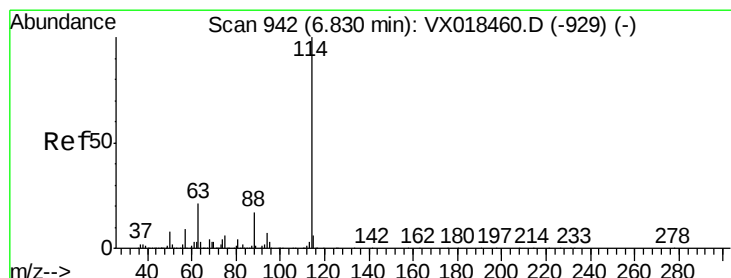
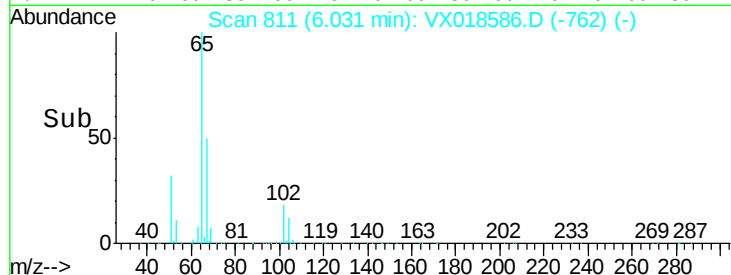
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

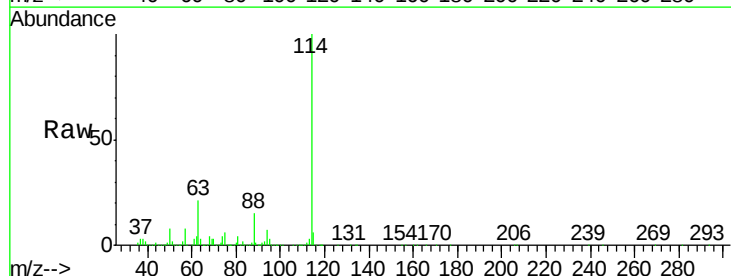
Tgt Ion: 114 Resp: 649984

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 15.2 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

6.84

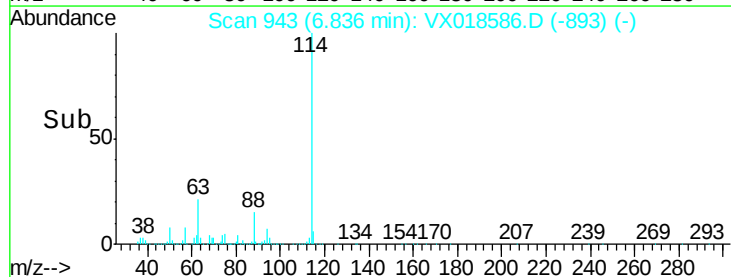
300000

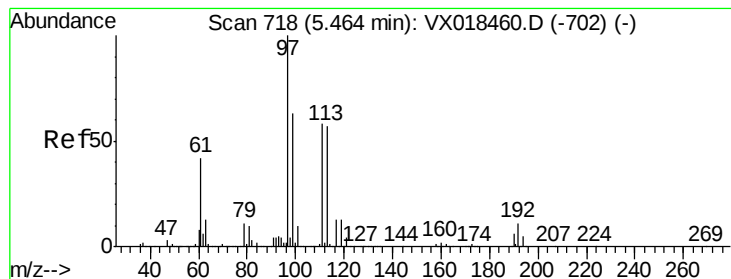
200000

100000

0

Time--> 6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 49.055 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

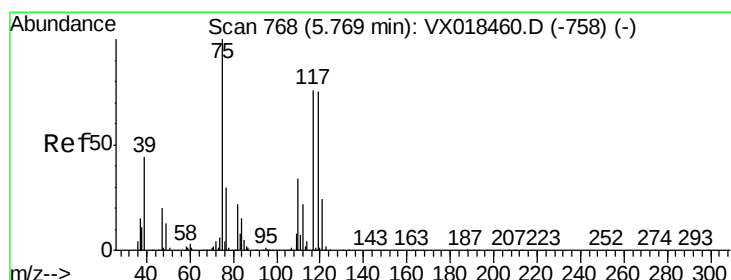
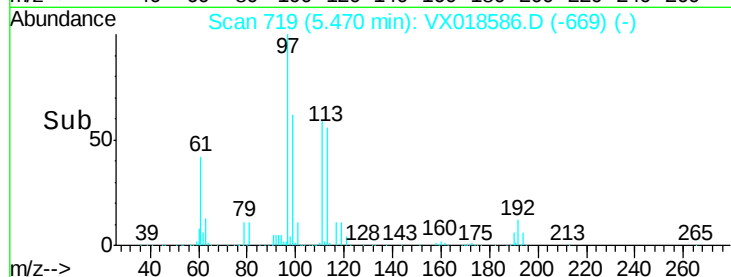
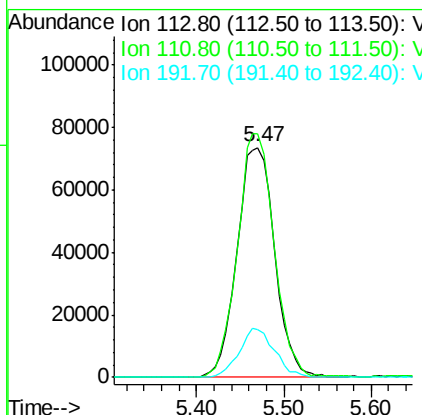
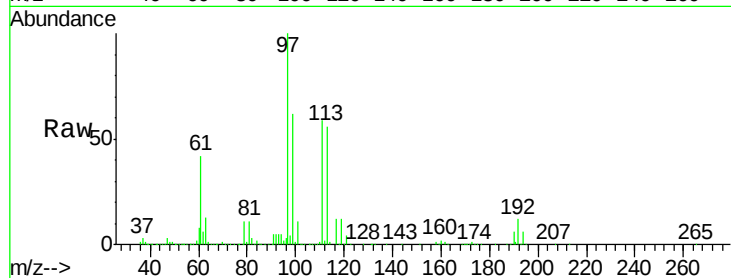
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	220427
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.4	122.2
192	19.9	16.6	24.8

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#36

1,1-Dichloropropene

Concen: 49.037 ug/l

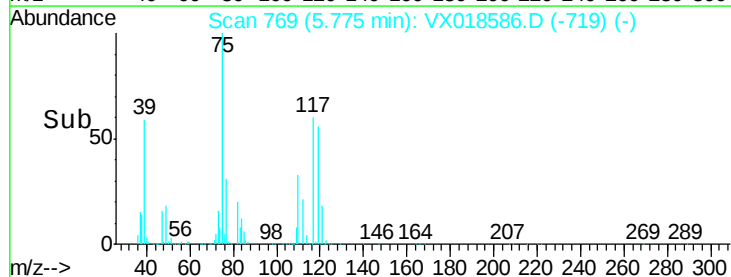
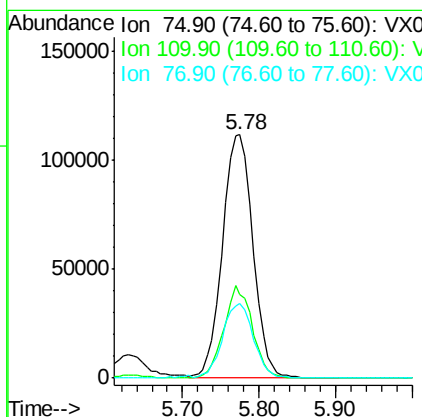
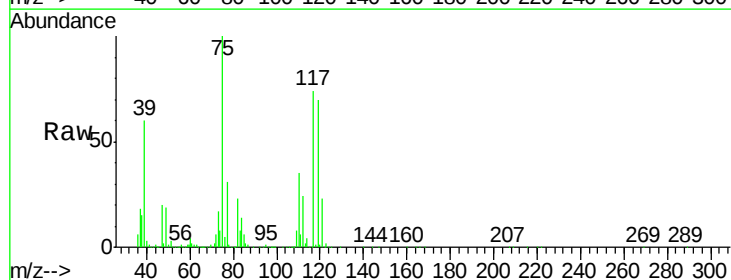
RT: 5.78 min Scan# 769

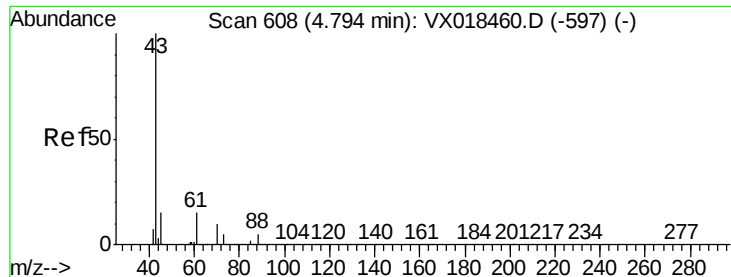
Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion:	75	Resp:	309364
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.6	52.8
77	31.1	25.0	37.6





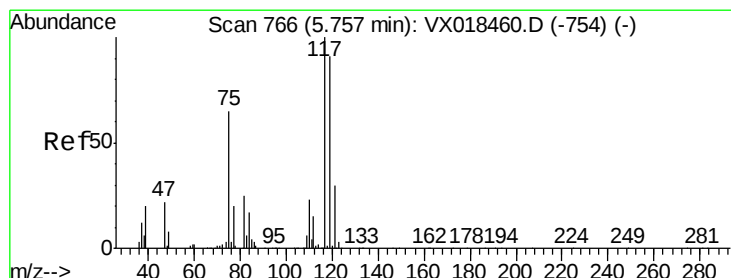
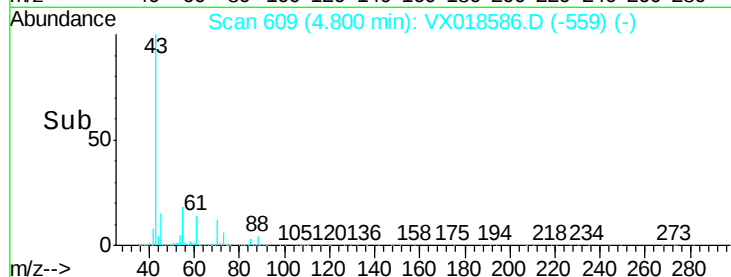
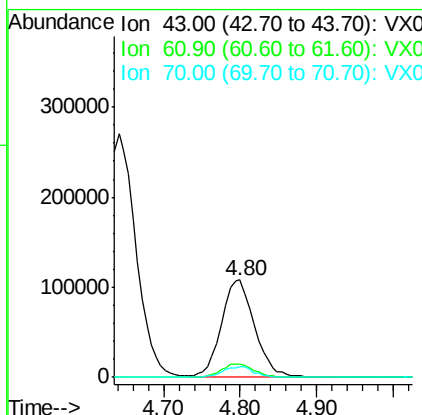
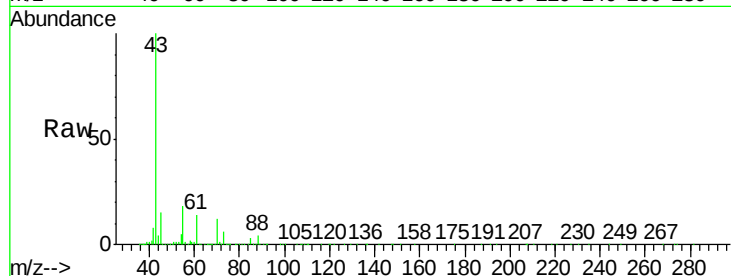
#37
Ethyl Acetate
Concen: 47.664 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	10.5	8.3	12.5

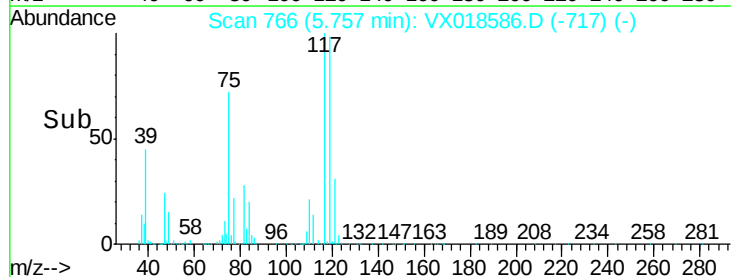
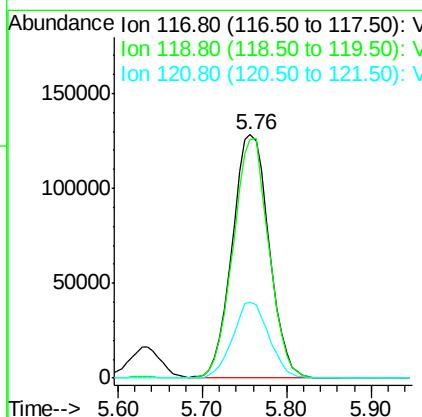
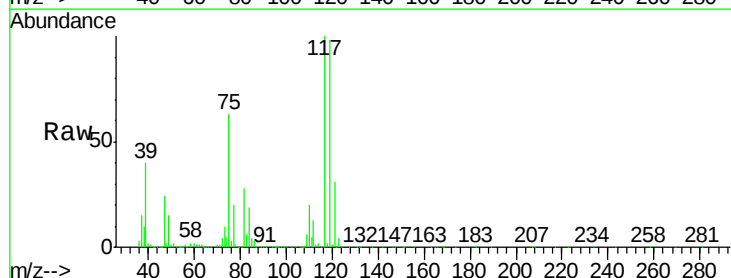
Manual Integrations
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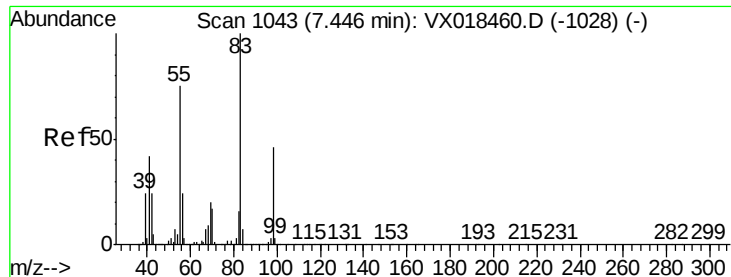
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#38
Carbon Tetrachloride
Concen: 54.254 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	72.3	108.5
121	31.2	23.8	35.8





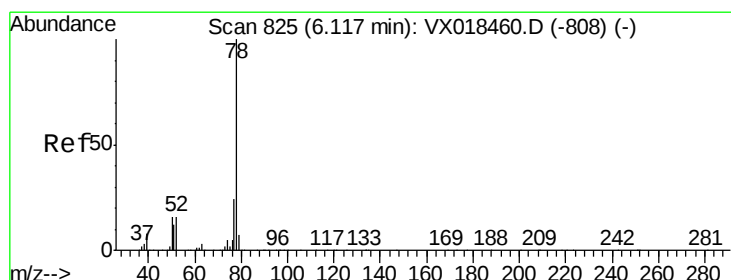
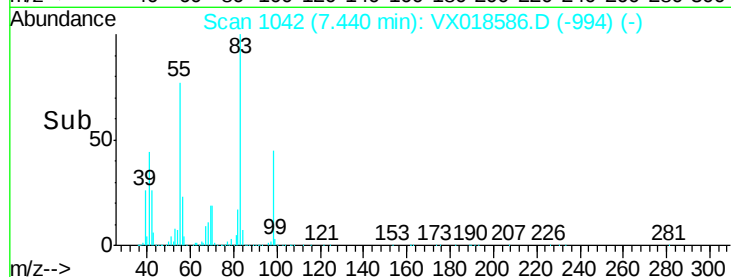
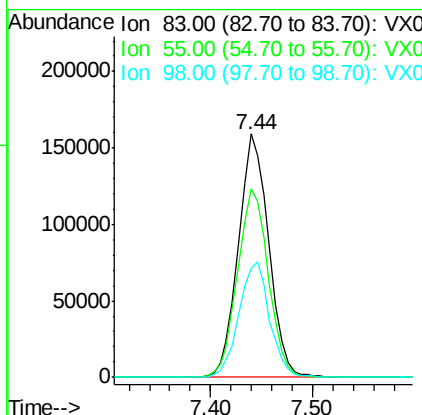
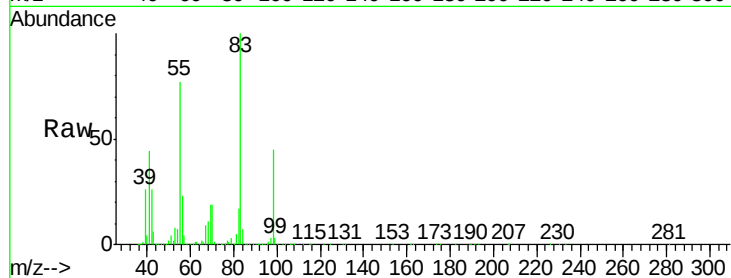
#39
Methvlcvclohexane
Concen: 46.522 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	60.2	90.4
98	44.6	36.4	54.6

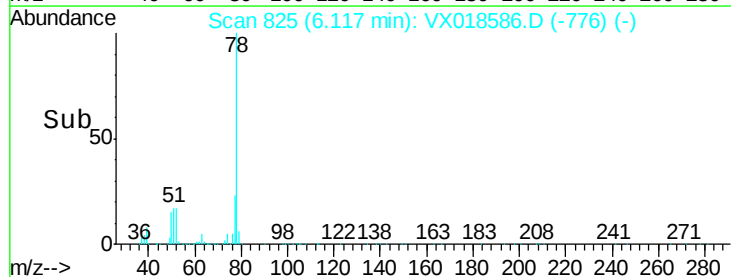
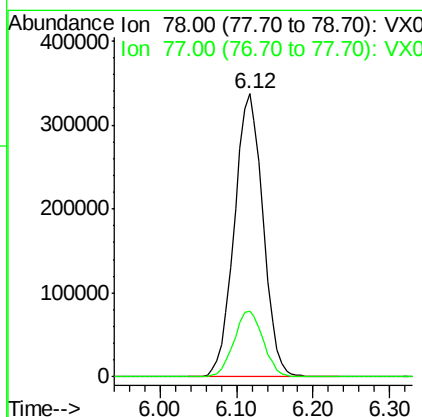
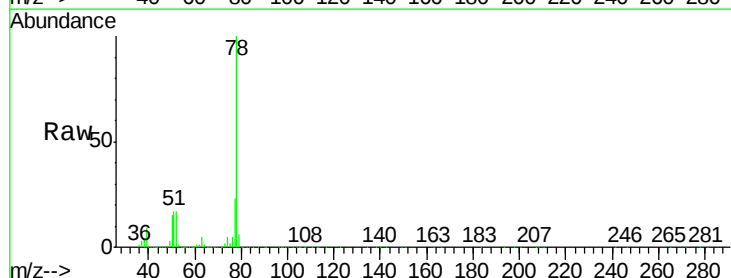
Manual Integrations
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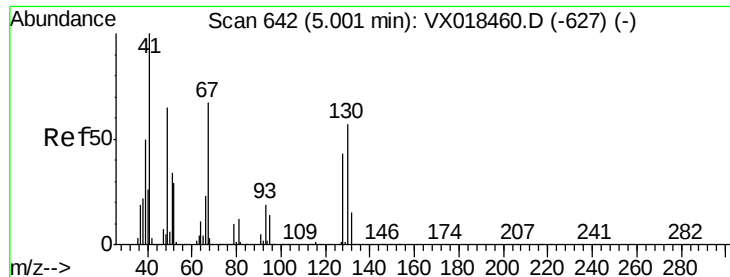
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#40
Benzene
Concen: 48.250 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





#41

Methacrylonitrile

Concen: 46.896 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

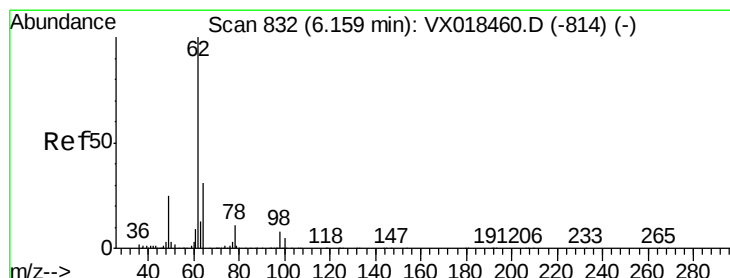
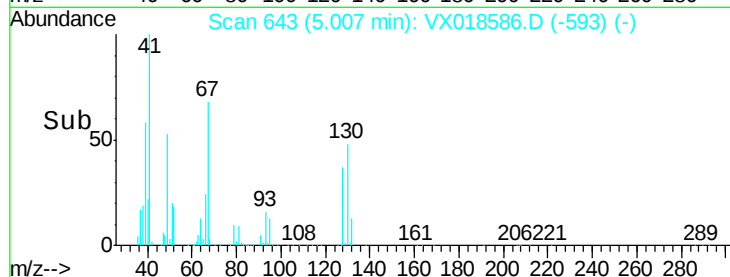
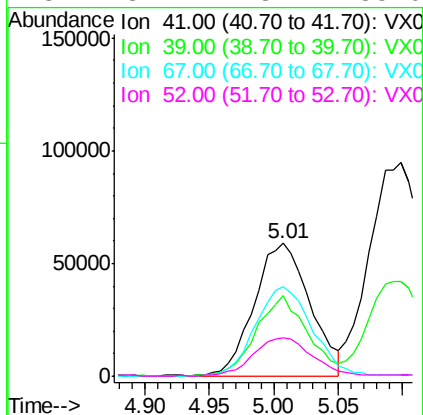
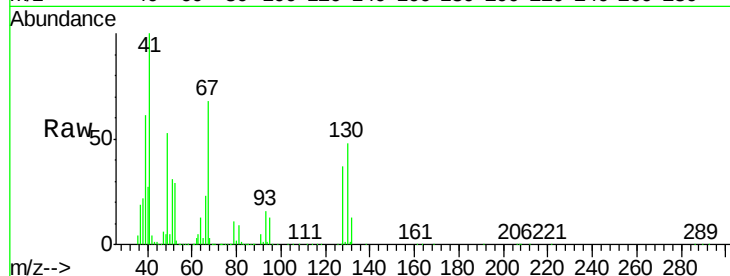
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.3	67.9
67	69.5	56.7	85.1
52	31.2	23.4	35.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 52.111 ug/l

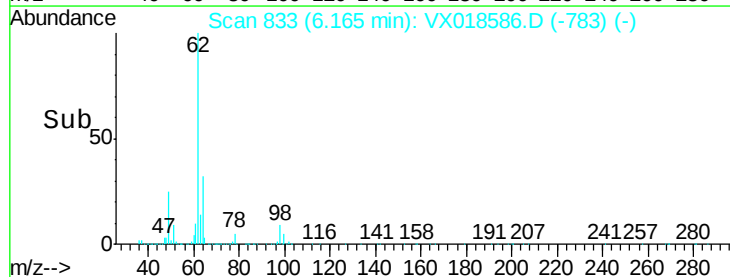
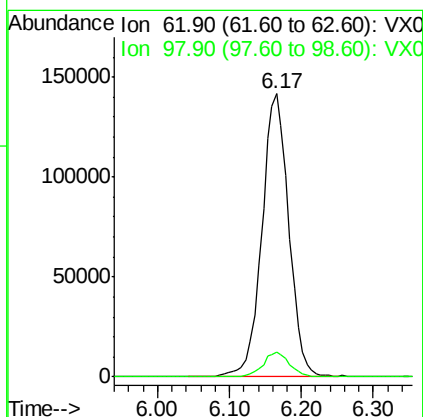
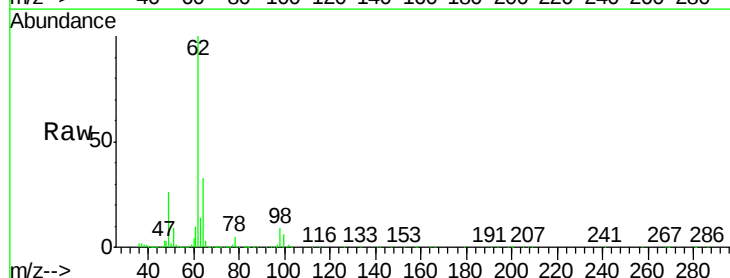
RT: 6.17 min Scan# 833

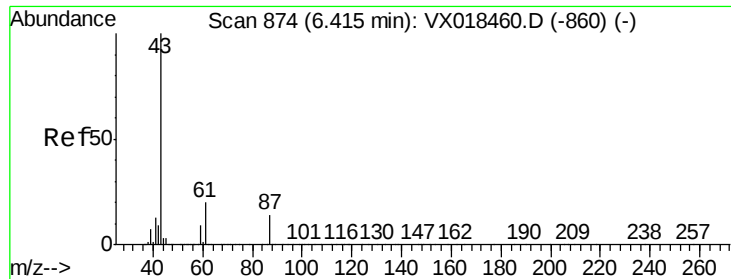
Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

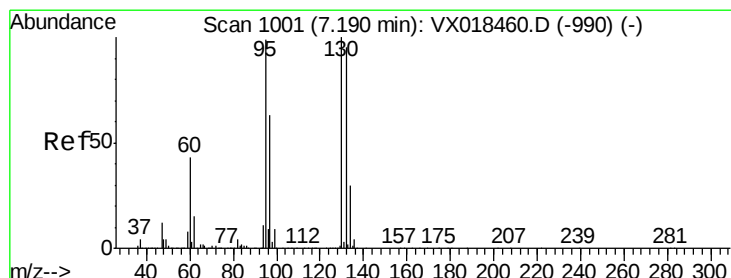
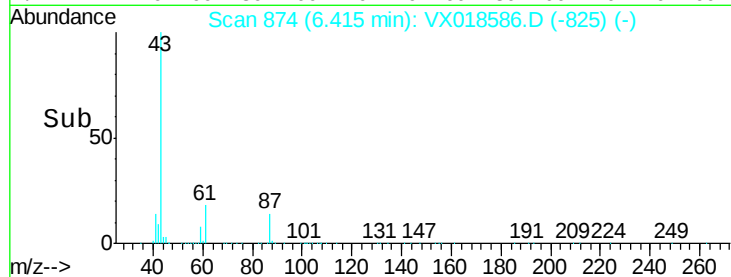
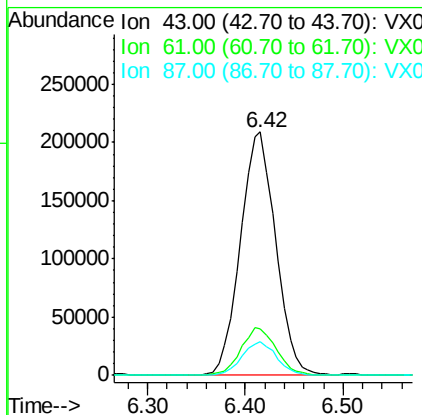
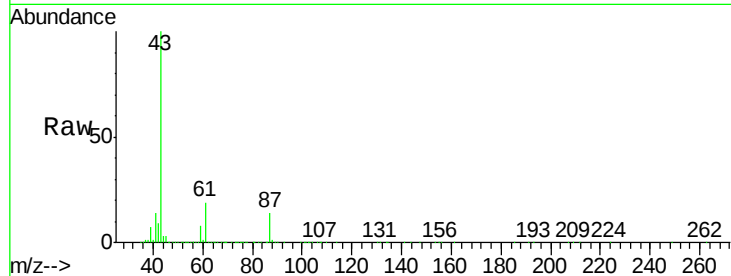
Isopropyl Acetate
 Concen: 46.577 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.8	10.4	15.6

Manual Integrations
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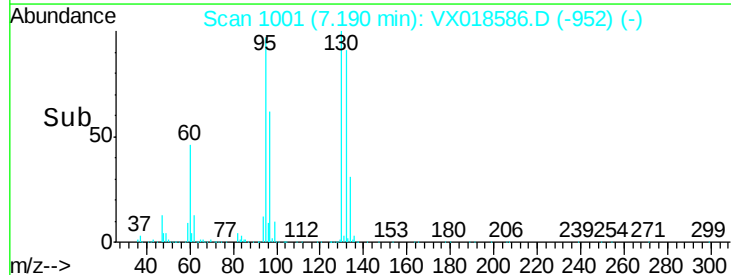
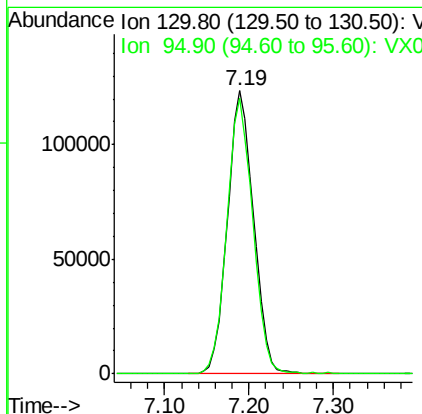
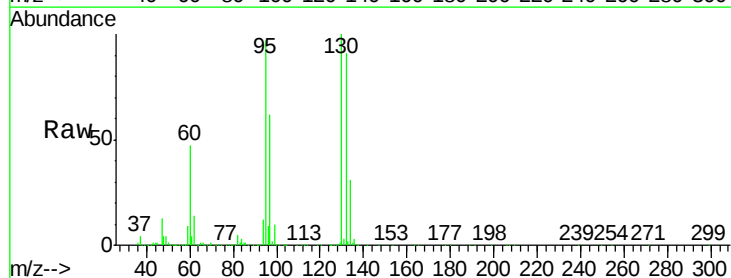
MMDadoda
 9/28/2020 5:22:14 PM

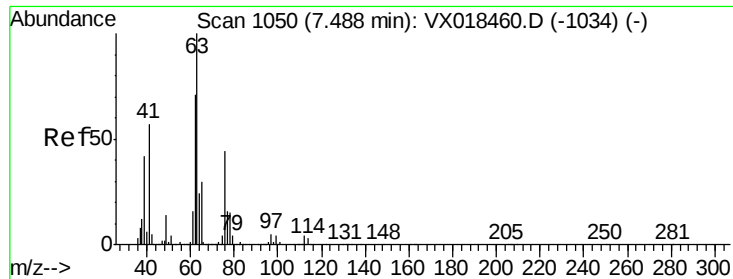


#44

Trichloroethene
 Concen: 49.865 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	197.4





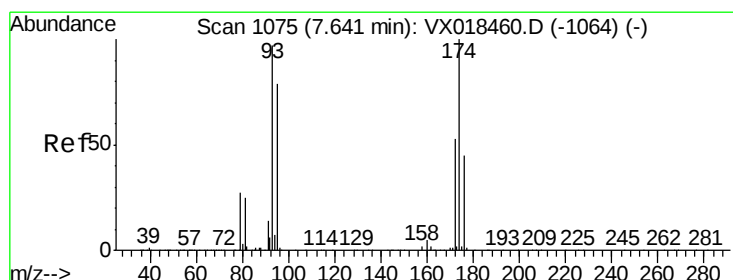
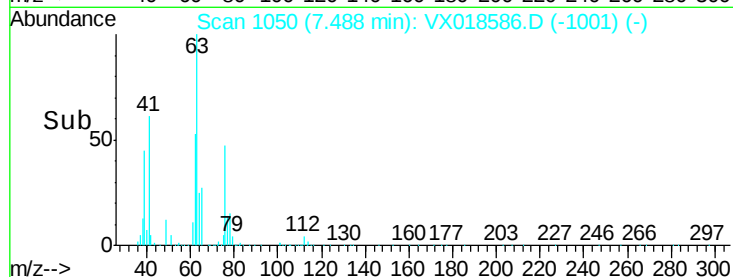
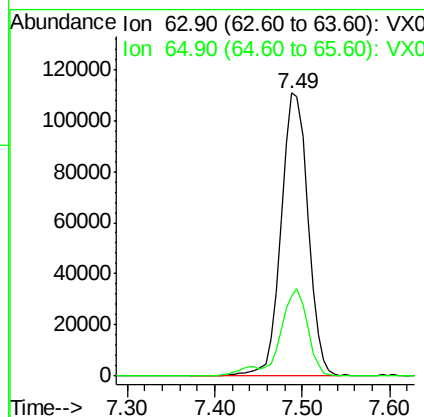
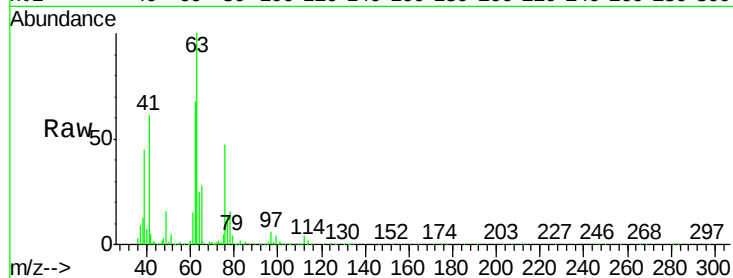
#45
 1,2-Dichloropropane
 Concen: 47.921 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.0	24.1	36.1

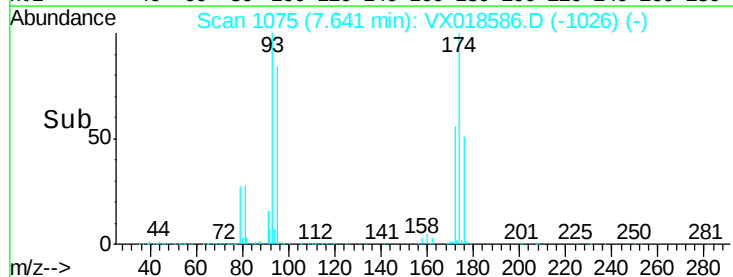
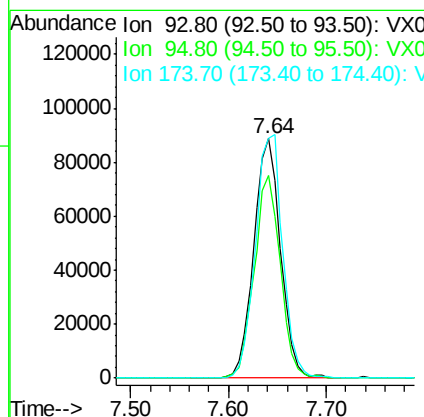
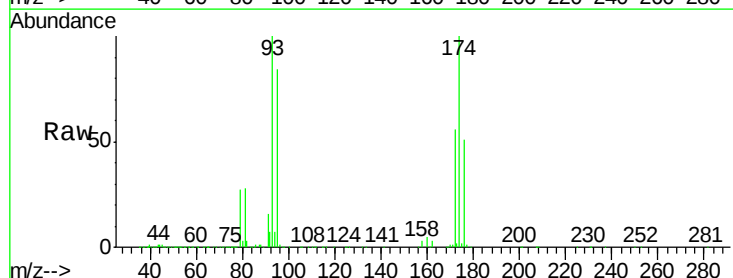
Manual Integrations
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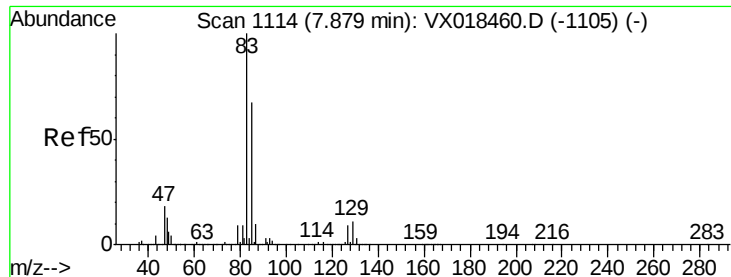
MMDadoda
 9/28/2020 5:22:14 PM



#46
 Dibromomethane
 Concen: 49.777 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.0	97.4
174	103.8	82.0	123.0





#47

Bromodichloromethane

Concen: 51.921 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

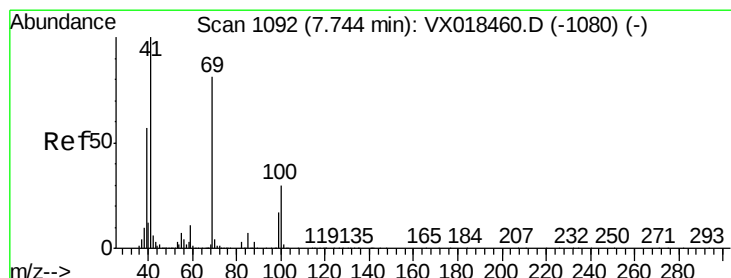
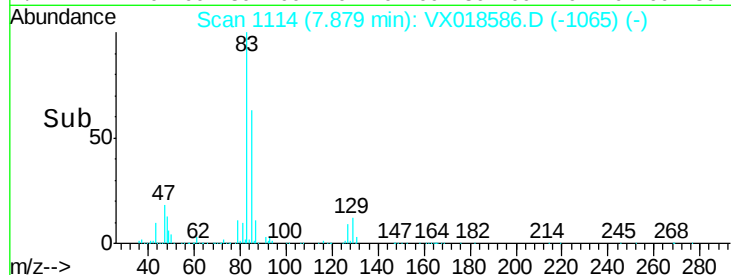
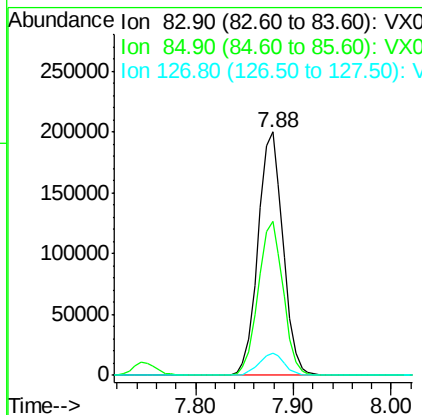
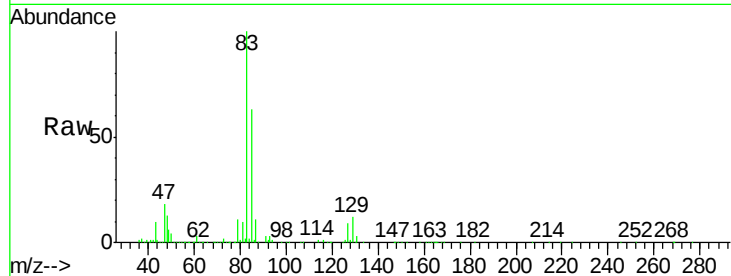
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	356757
Ion Ratio	Lower	Upper	
83	100		
85	63.2	53.3	79.9
127	9.0	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.571 ug/l

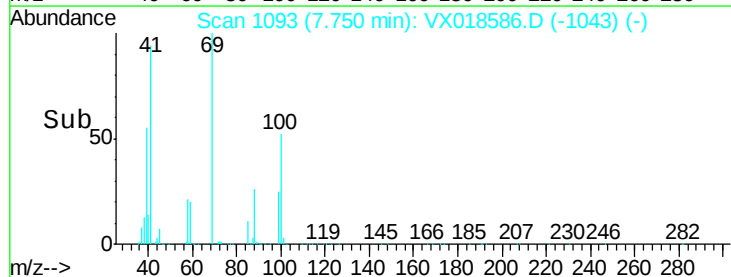
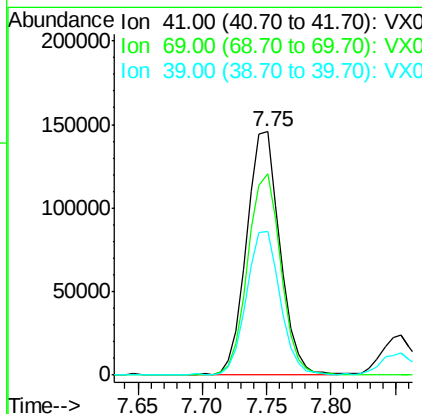
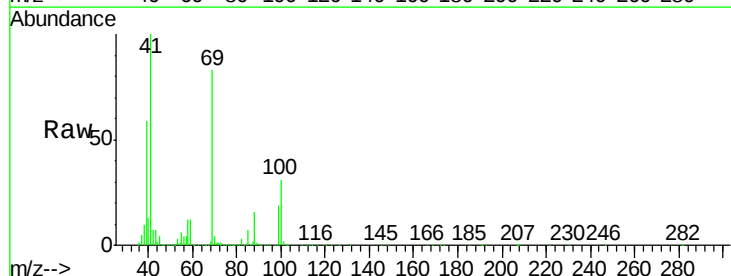
RT: 7.75 min Scan# 1093

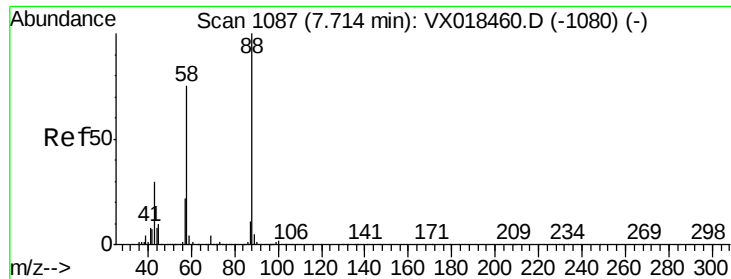
Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion:	41	Resp:	258856
Ion Ratio	Lower	Upper	
41	100		
69	82.4	63.7	95.5
39	60.1	45.0	67.4





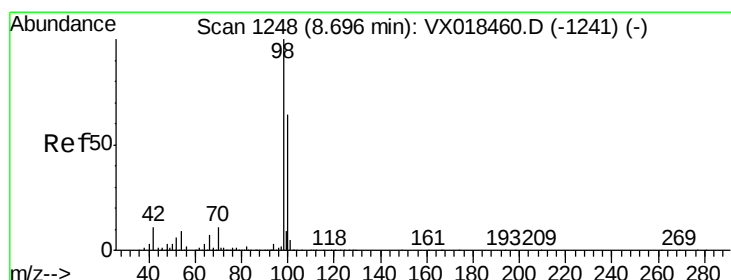
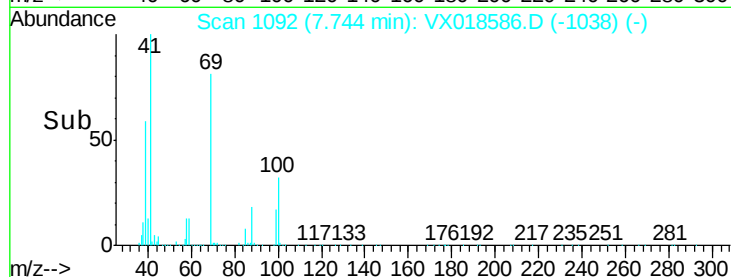
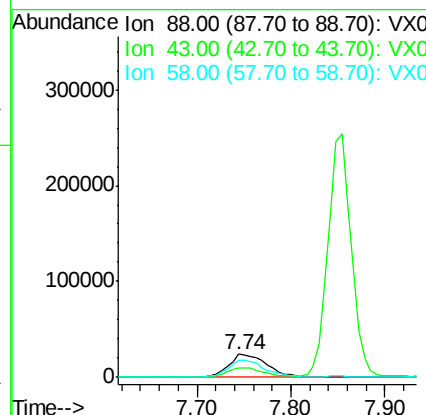
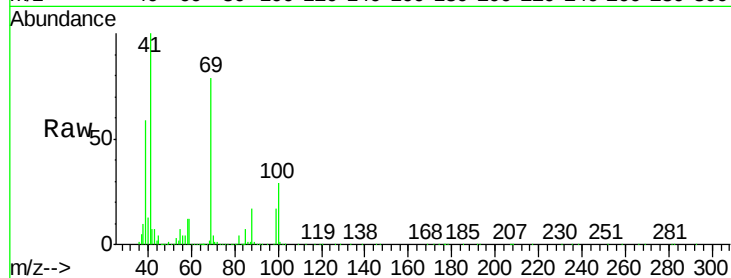
#49
1,4-Dioxane
Concen: 753.794 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	67774
Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.9	44.9
58	71.4	59.0	88.6

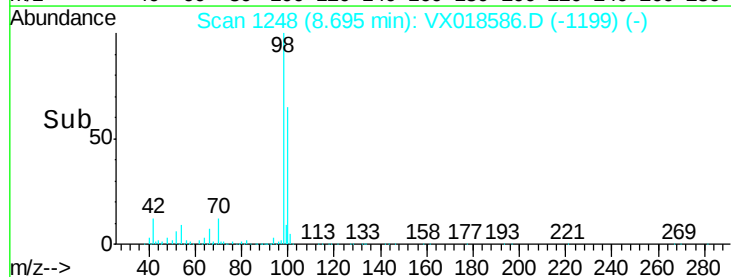
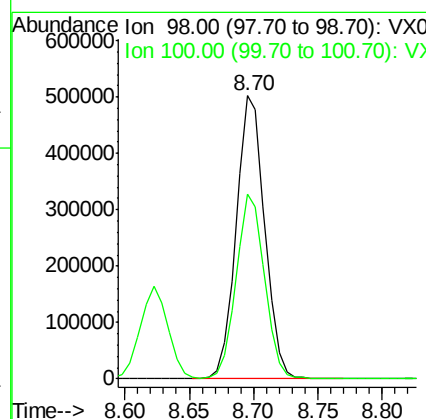
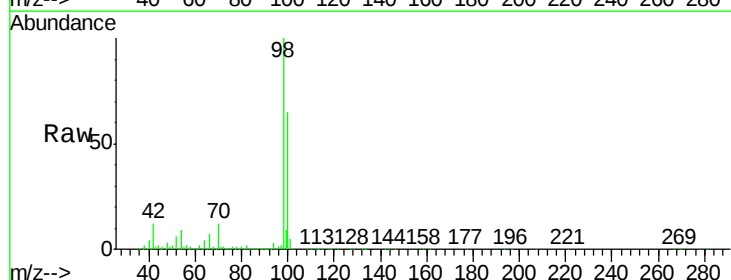
Manual Integrations
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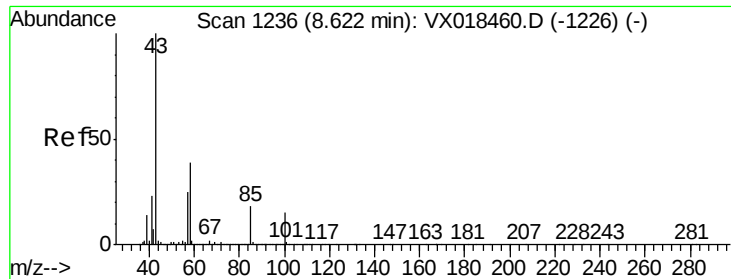
MMDadoda
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#50
Toluene-d8
Concen: 47.337 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	98	Resp	772825
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5





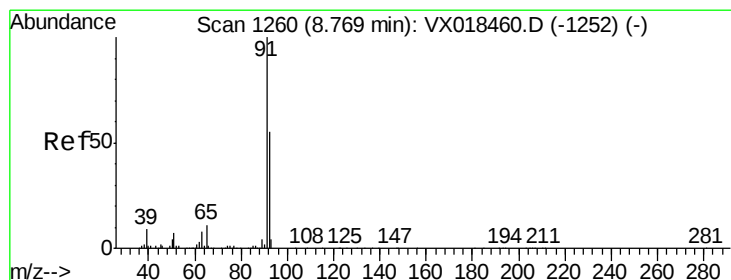
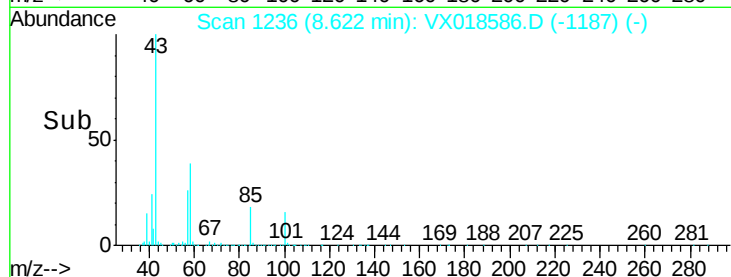
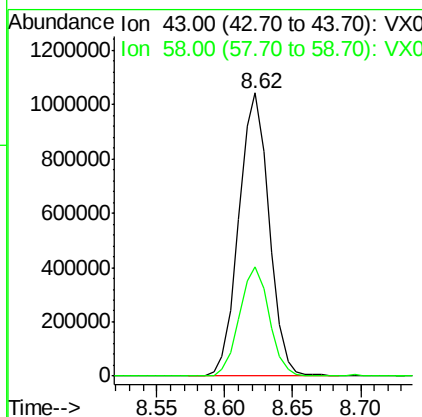
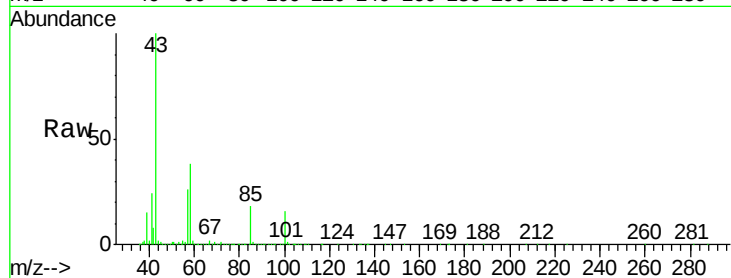
#51
 4-Methyl-2-Pentanone
 Concen: 243.695 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1622123
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.9 46.3

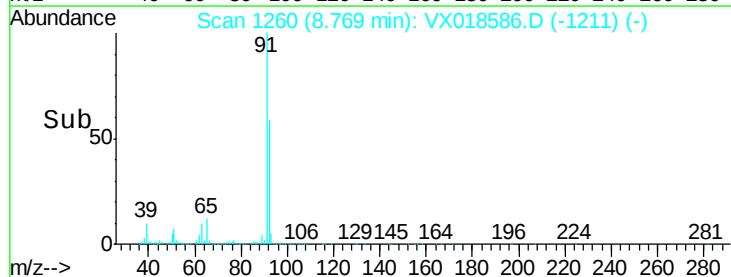
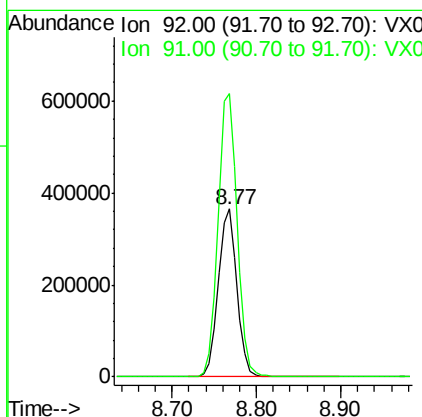
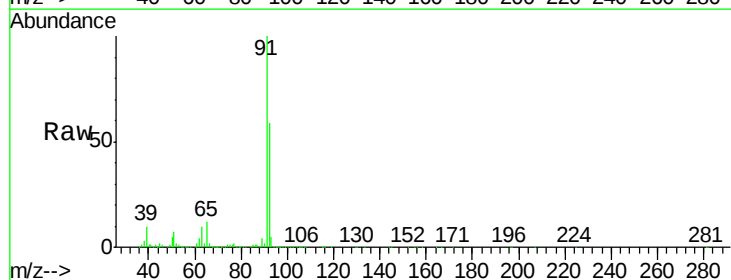
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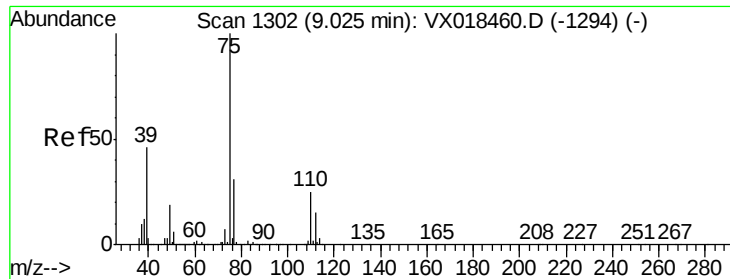
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#52
 Toluene
 Concen: 49.340 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Tgt Ion: 92 Resp: 561357
 Ion Ratio Lower Upper
 92 100
 91 172.9 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 48.893 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 381731

Ion Ratio Lower Upper

75 100

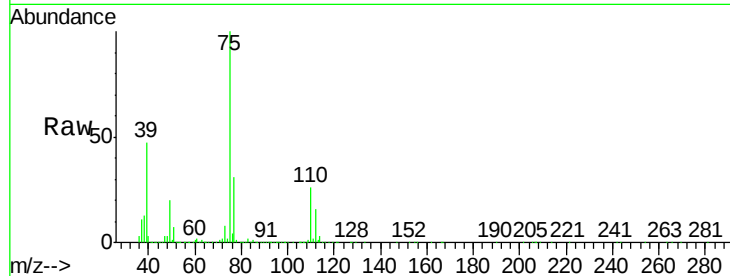
77 31.5 25.1 37.7

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

250000

200000

150000

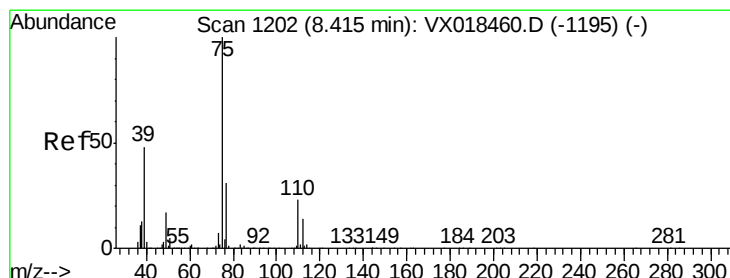
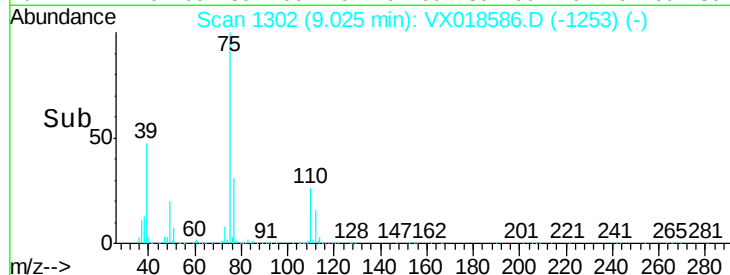
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.565 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

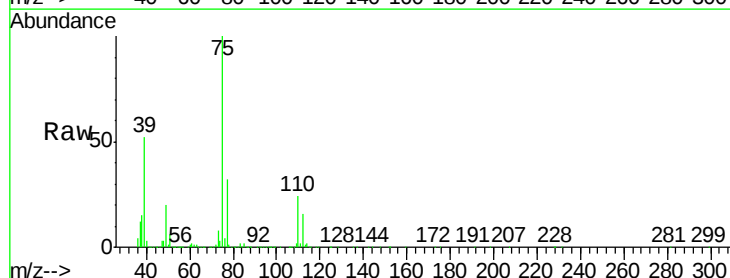
Tgt Ion: 75 Resp: 390623

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 51.4 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

250000

200000

150000

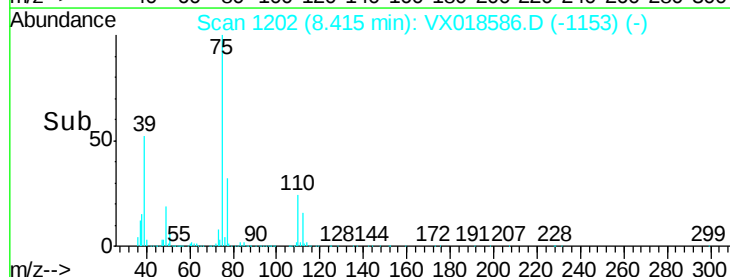
100000

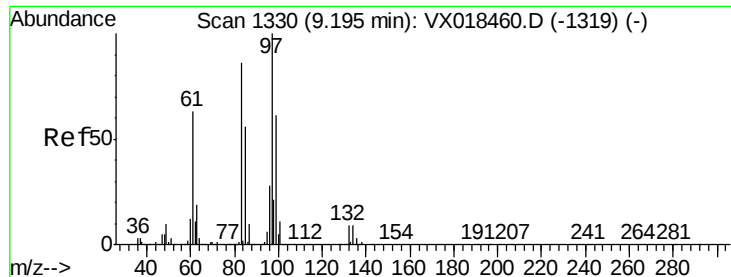
50000

0

8.30 8.40 8.50

Time-->





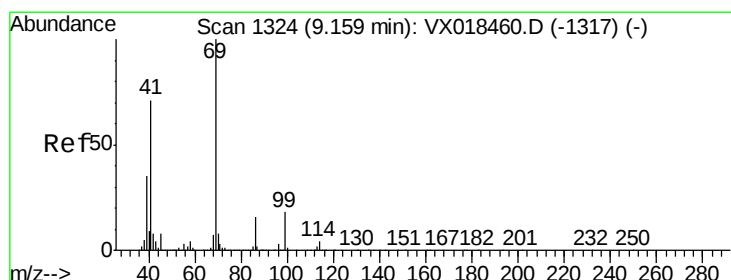
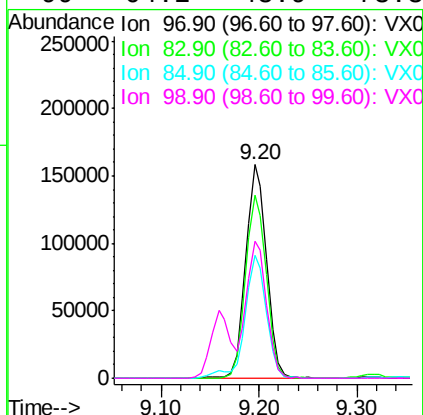
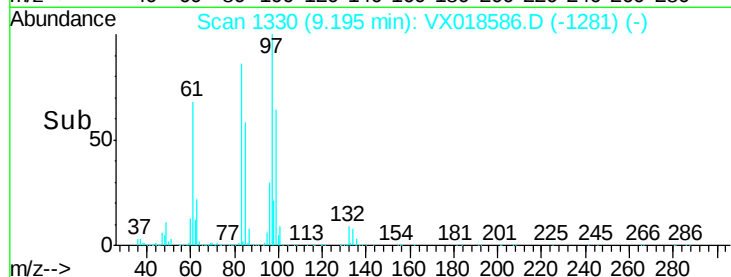
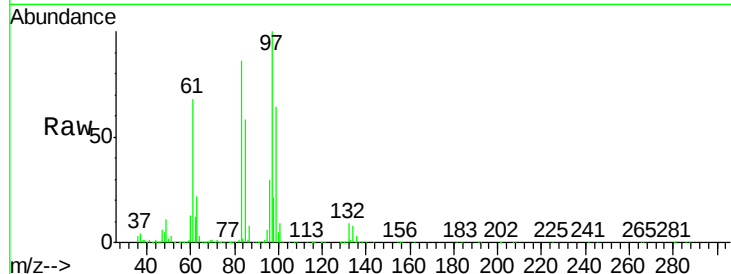
#55
 1,1,2-Trichloroethane
 Concen: 49.818 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		235189		
83	85.8	68.5	102.7		
85	57.7	44.8	67.2		
99	64.2	48.9	73.3		

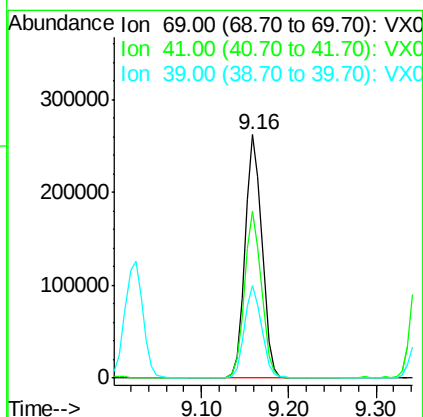
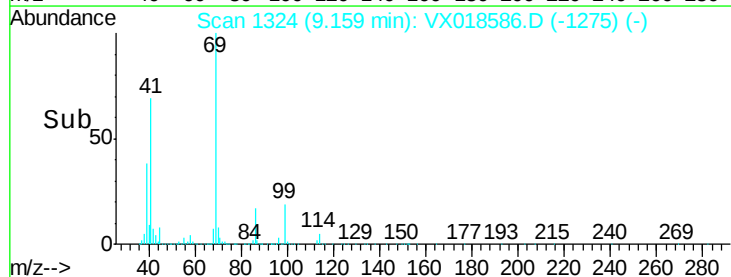
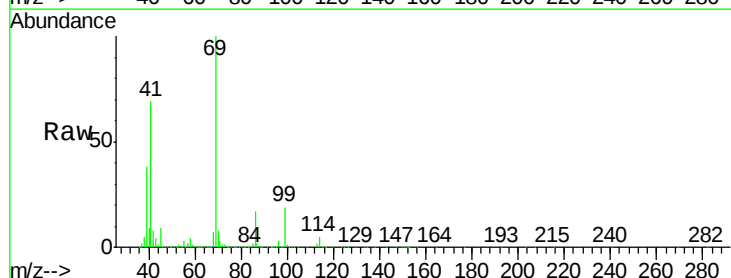
Manual Integrations
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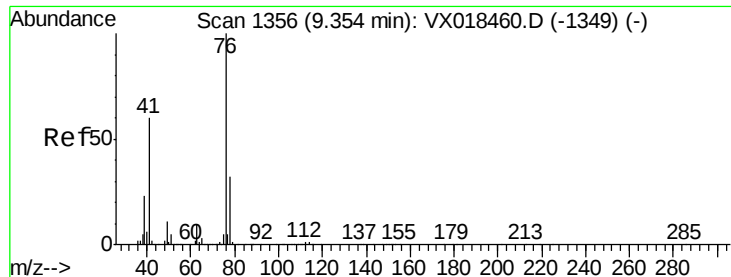
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#56
 Ethyl methacrylate
 Concen: 50.271 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		351903		
41	68.8	54.6	81.8		
39	38.5	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 49.751 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 394615

Ion Ratio Lower Upper

76 100

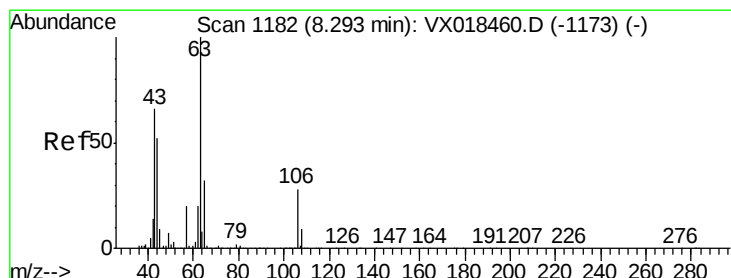
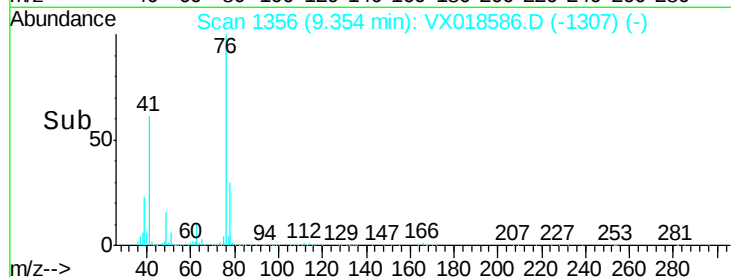
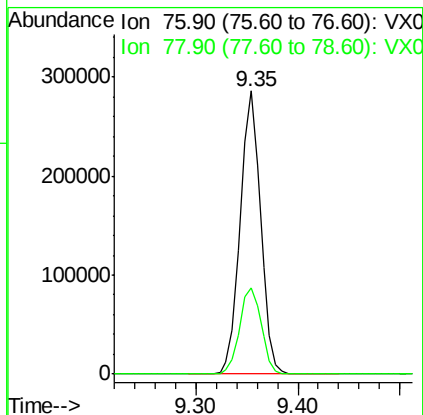
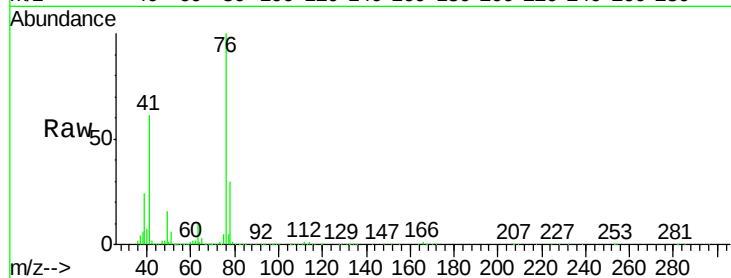
78 32.1 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 232.868 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018586.D

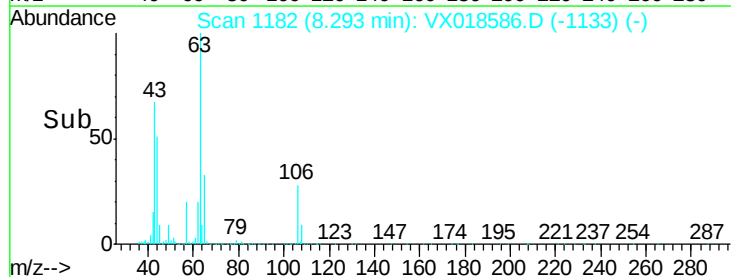
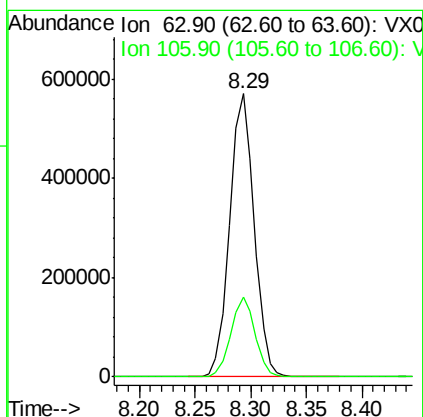
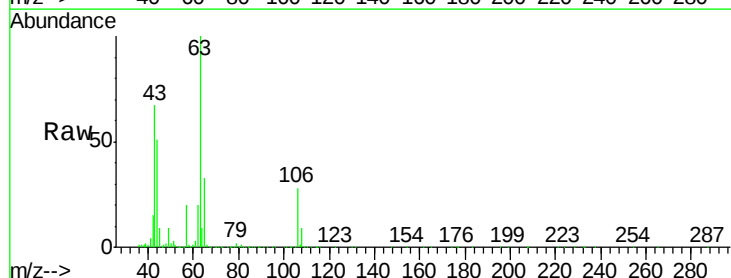
Acq: 24 Sep 2020 20:23

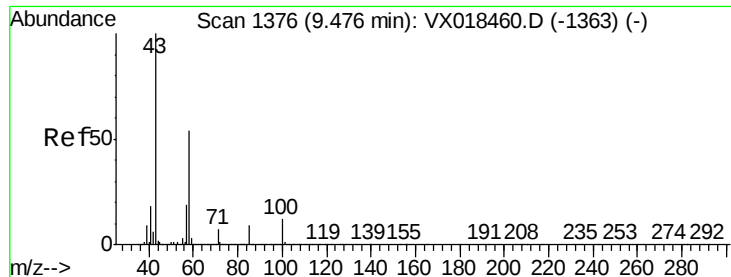
Tgt Ion: 63 Resp: 866669

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





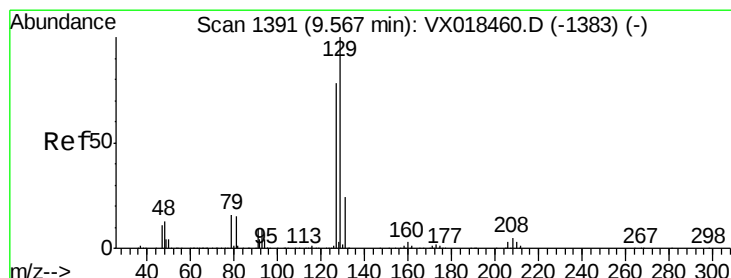
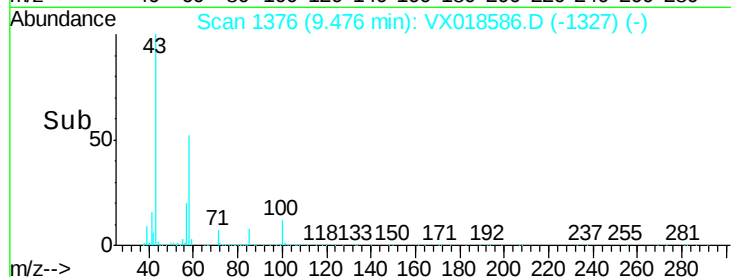
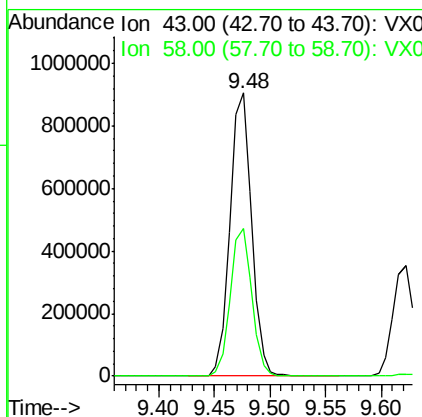
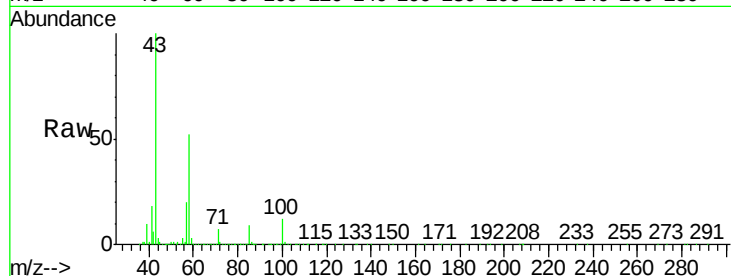
#59
2-Hexanone
Concen: 239.537 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1212751
Ion Ratio Lower Upper
43 100
58 52.1 26.5 79.4

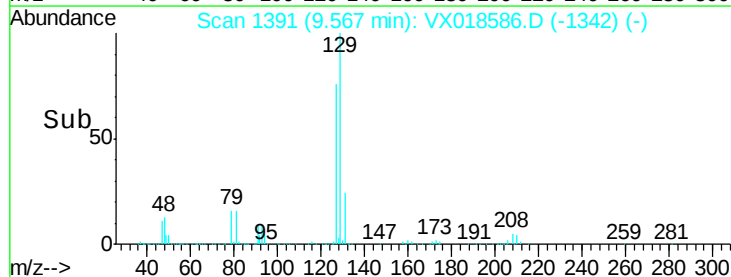
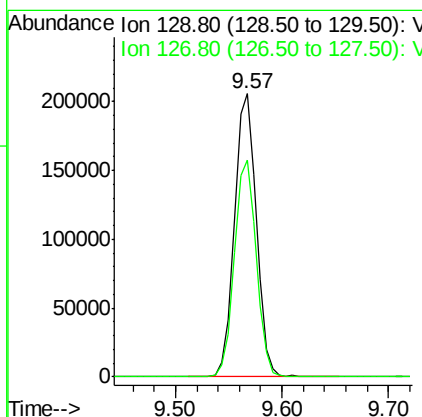
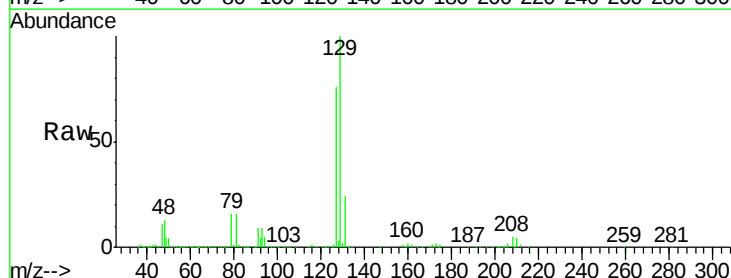
Manual Integrations
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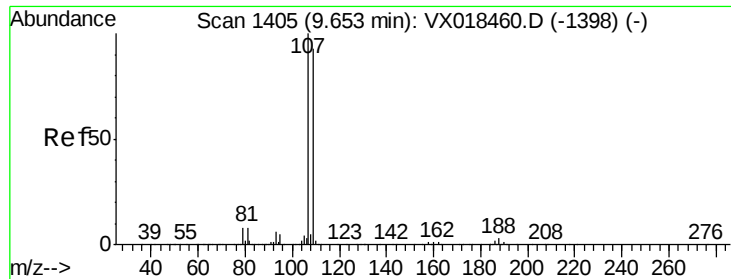
MMDadoda
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#60
Dibromochloromethane
Concen: 52.960 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion: 129 Resp: 298127
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.829 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 260341

Ion Ratio Lower Upper

107 100

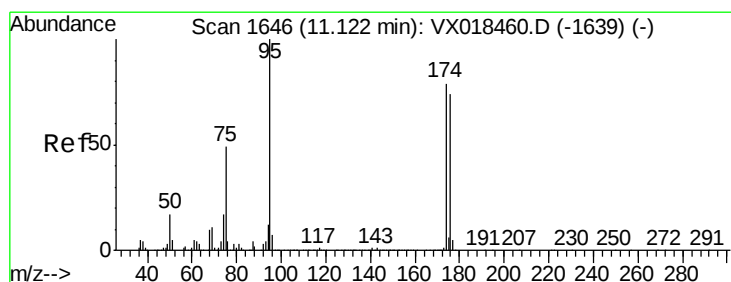
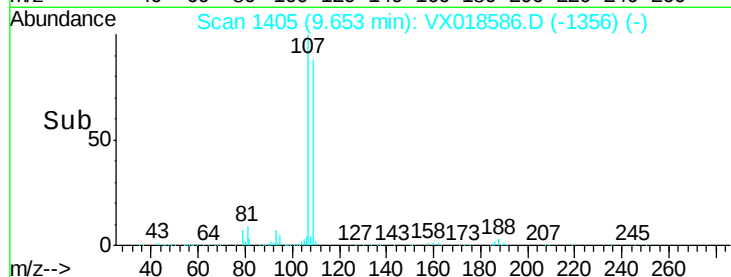
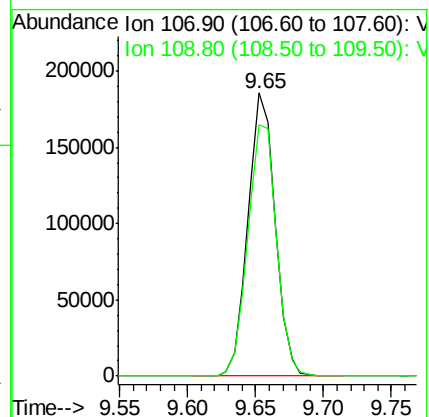
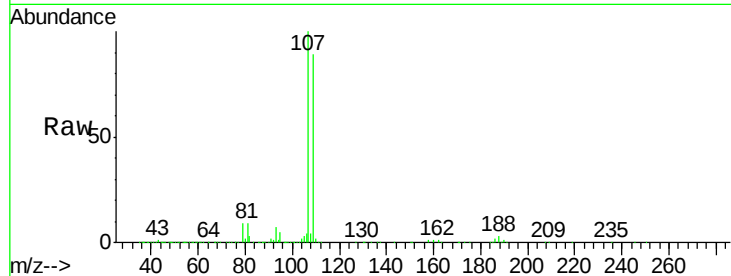
109 94.3 75.9 113.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.362 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

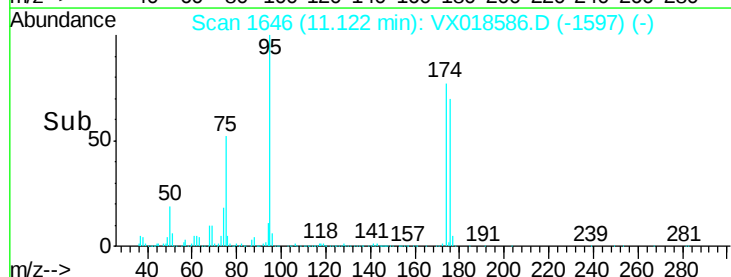
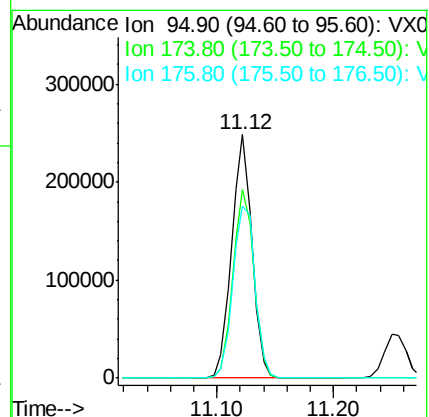
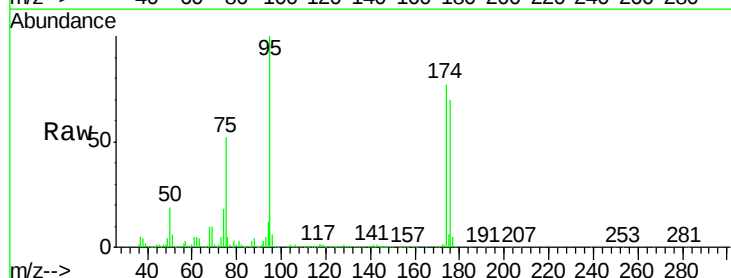
Tgt Ion: 95 Resp: 301081

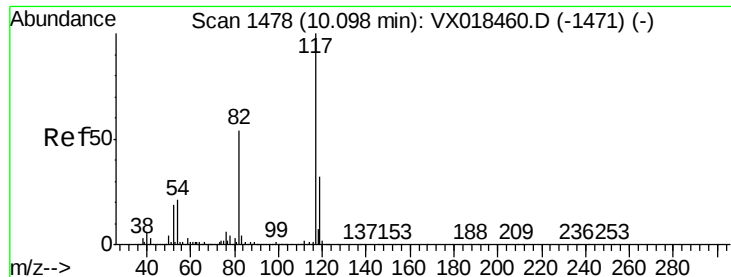
Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.4

176 77.3 0.0 151.4





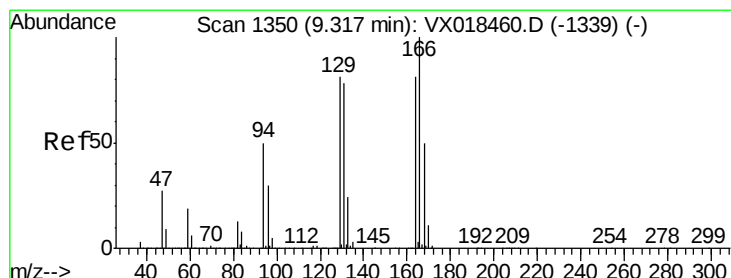
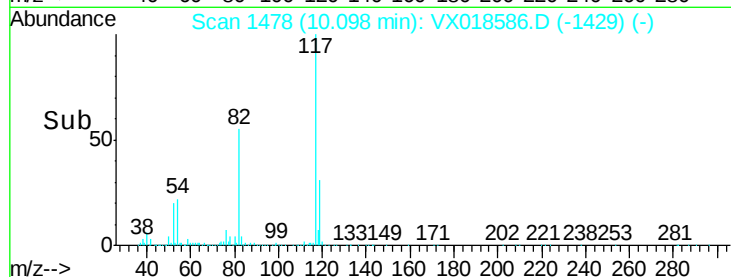
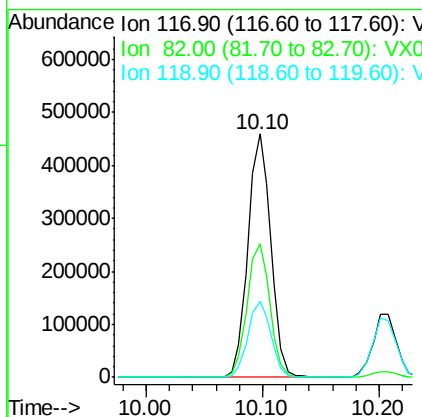
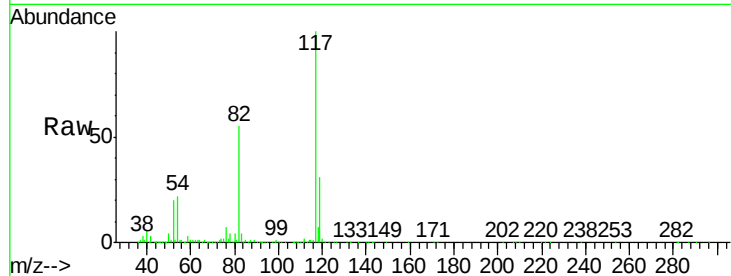
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.3	64.9
119	31.3	25.9	38.9

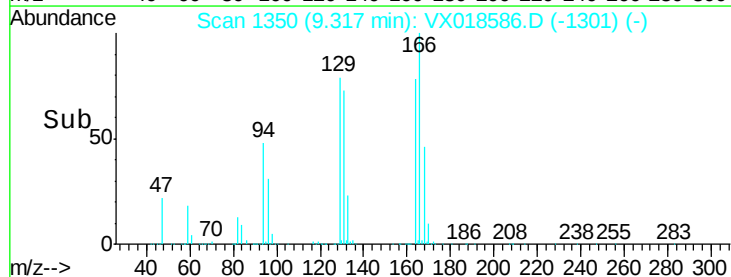
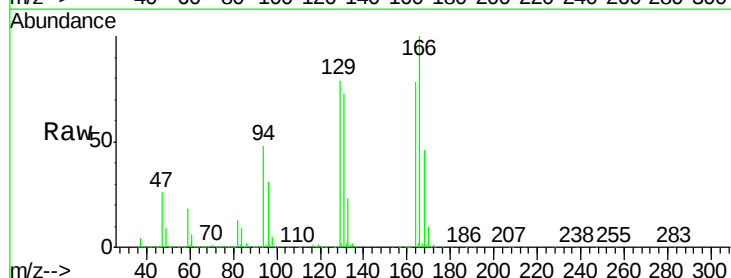
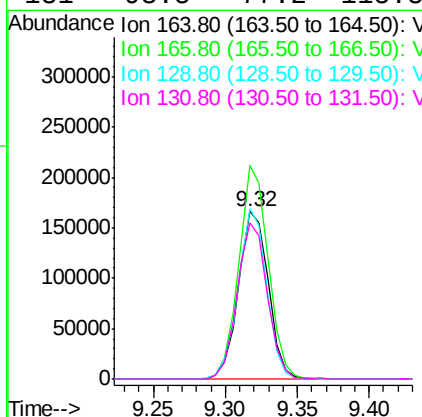
Manual Integrations
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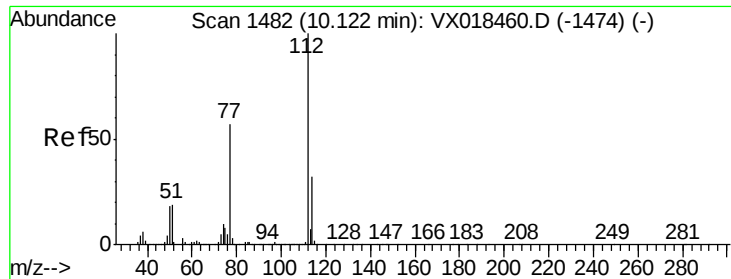
MMDadoda
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#64
Tetrachloroethene
Concen: 48.269 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	99.3	148.9
129	101.3	80.7	121.1
131	93.5	77.2	115.8





#65

Chlorobenzene

Concen: 48.449 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 629270

Ion Ratio Lower Upper

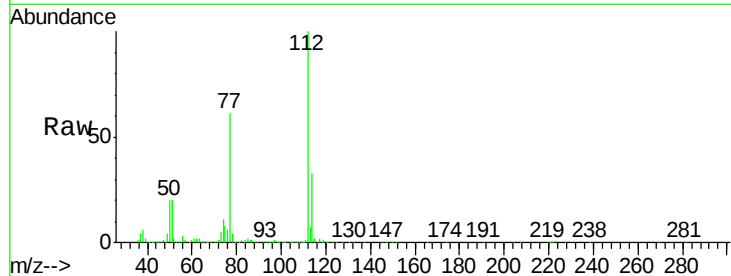
112 100

114 32.9 25.4 38.0

Manual Integrations
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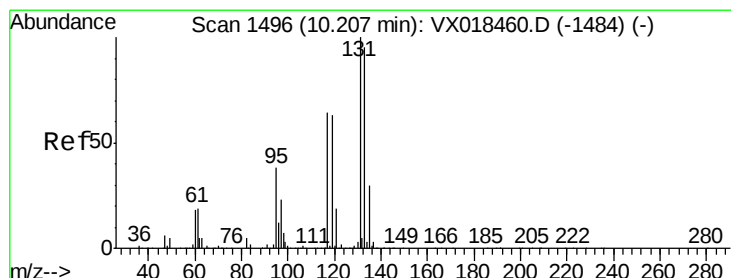
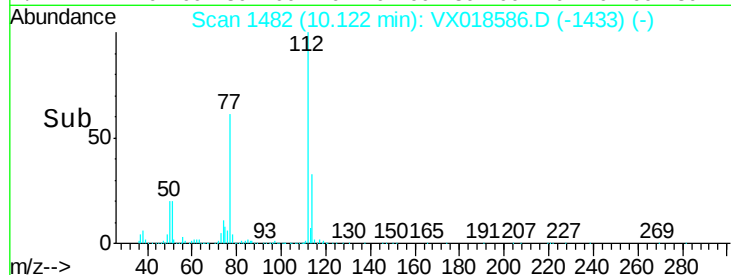
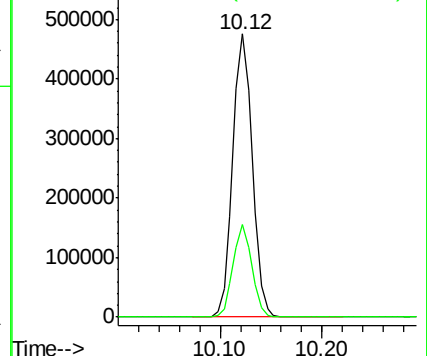
MMDadoda

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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: 49.739 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

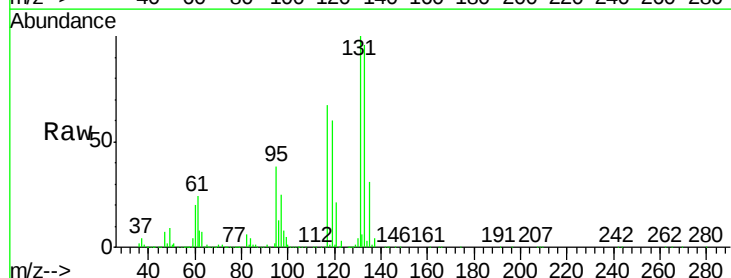
Tgt Ion:131 Resp: 259155

Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.4

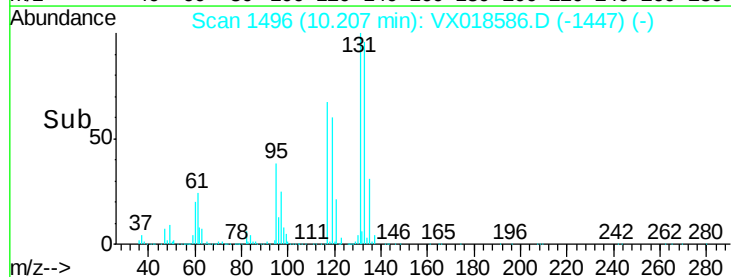
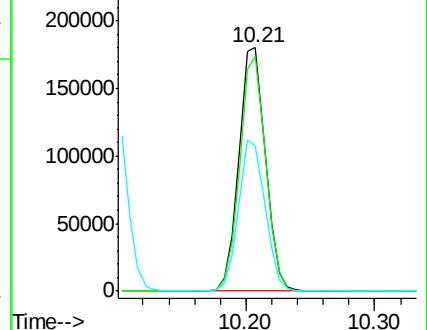
119 62.1 31.9 95.7

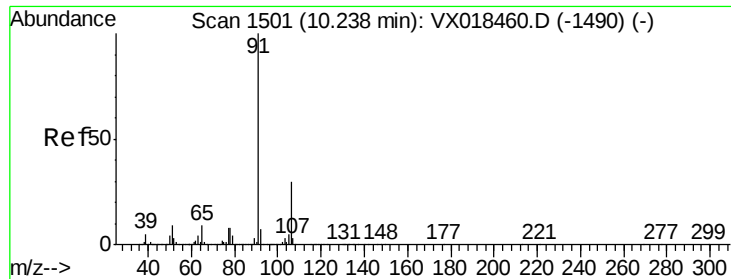


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





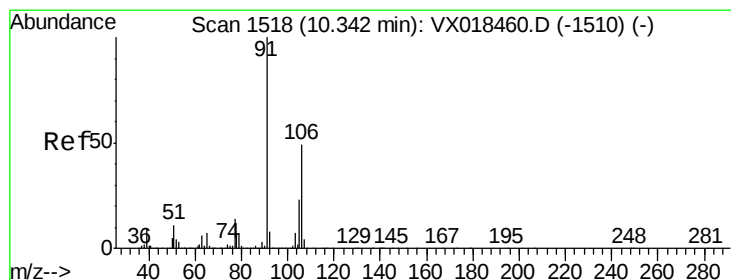
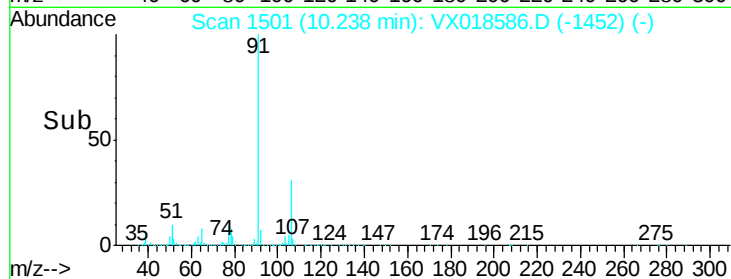
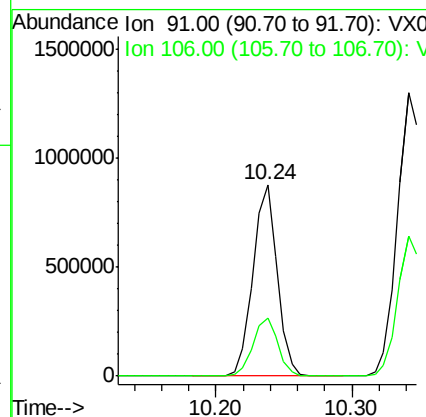
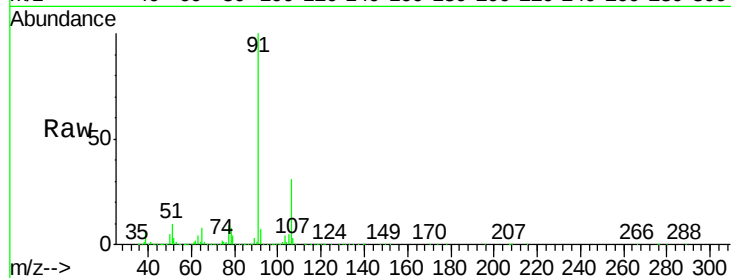
#67
Ethyl Benzene
Concen: 48.913 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1099630
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1

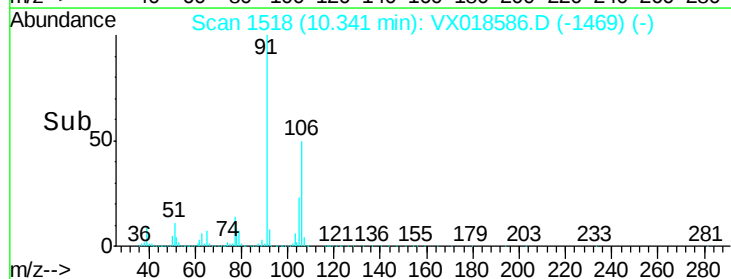
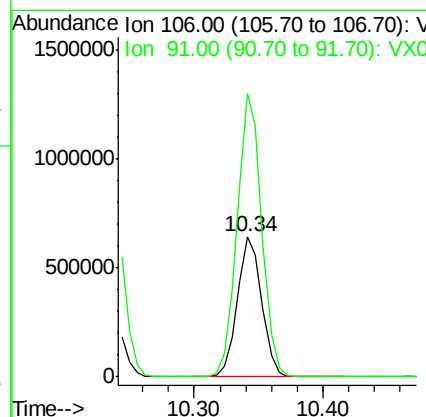
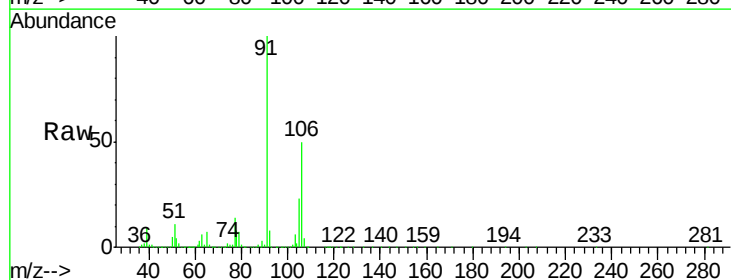
Manual Integrations
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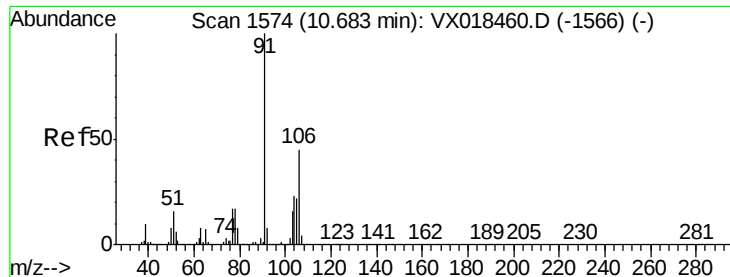
MMDadoda
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#68
m/p-Xylenes
Concen: 99.747 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion: 106 Resp: 848279
Ion Ratio Lower Upper
106 100
91 203.6 163.8 245.6





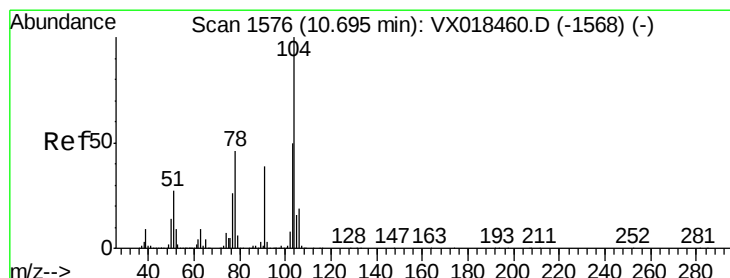
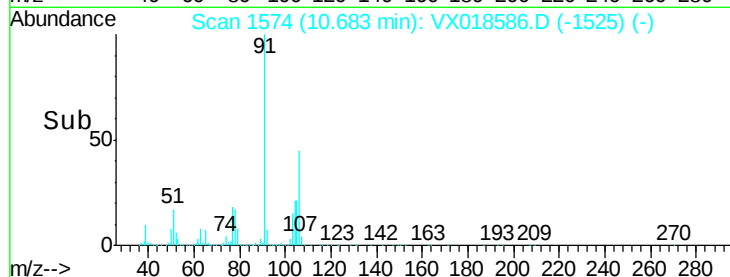
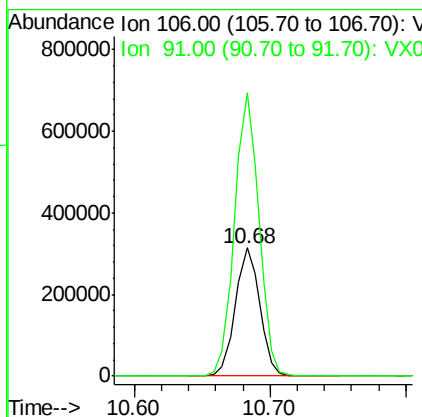
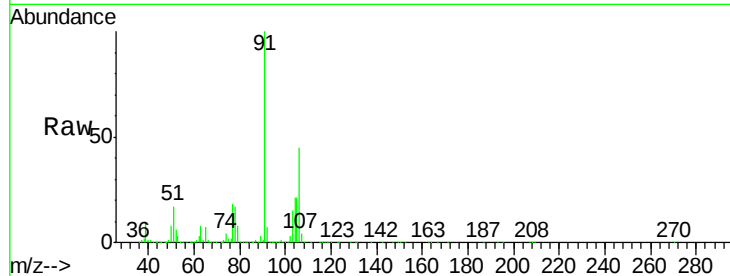
#69
o-Xylene
Concen: 48.748 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.5	109.7	329.0

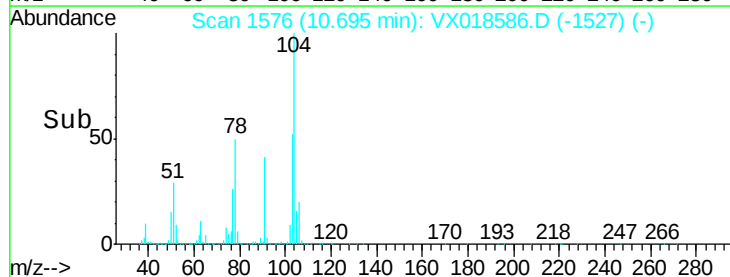
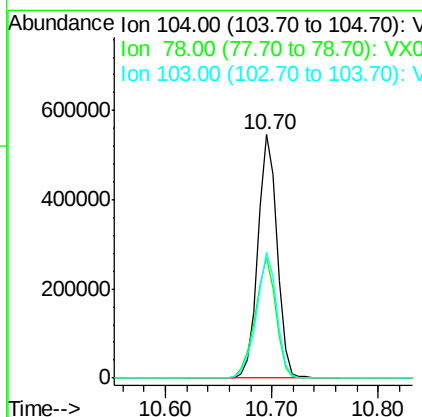
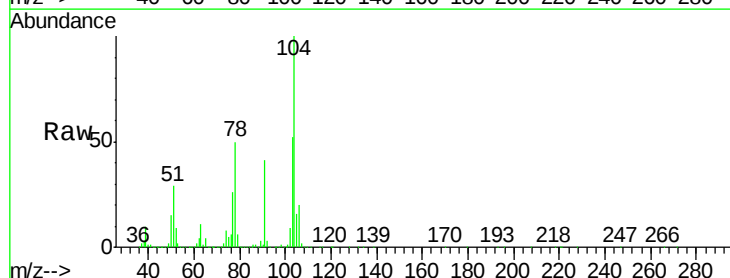
Manual Integrations
APPROVED

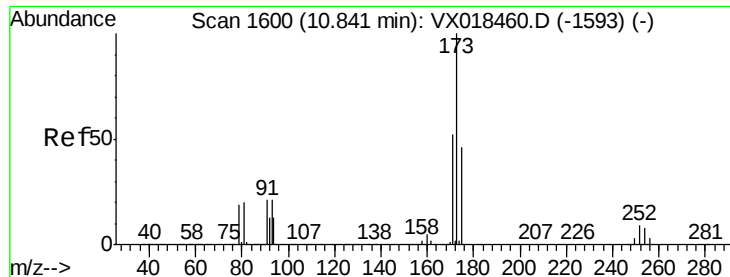
MMDadoda
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#70
Styrene
Concen: 49.766 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.9	40.5	60.7
103	54.9	43.2	64.8





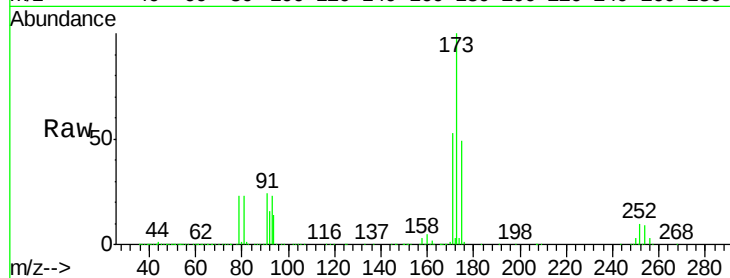
#71
Bromoform
Concen: 49.393 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.6	70.8
254	0.1	0.1	0.1#

Manual Integrations
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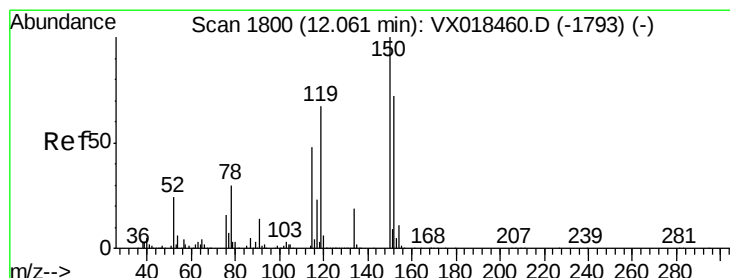
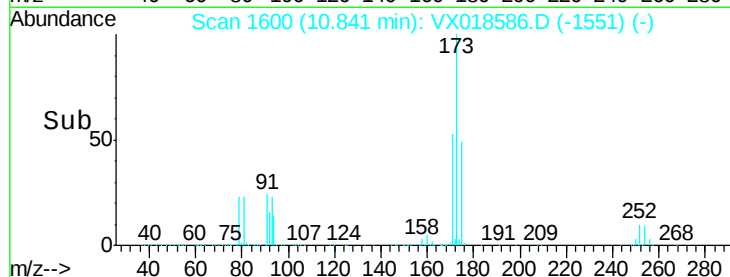
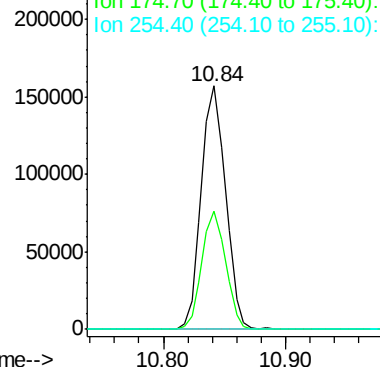


Abundance

Ion 172.70 (172.40 to 173.40): V

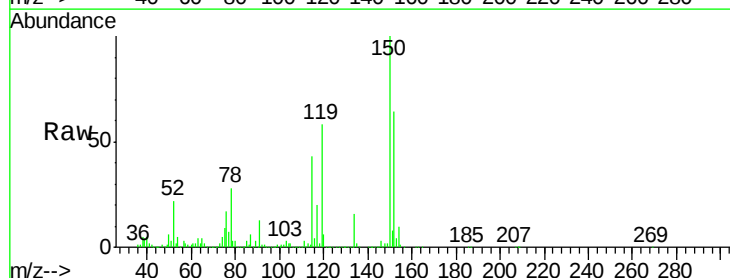
Ion 174.70 (174.40 to 175.40): V

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: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.3	41.8	125.4
150	171.5	0.0	342.4

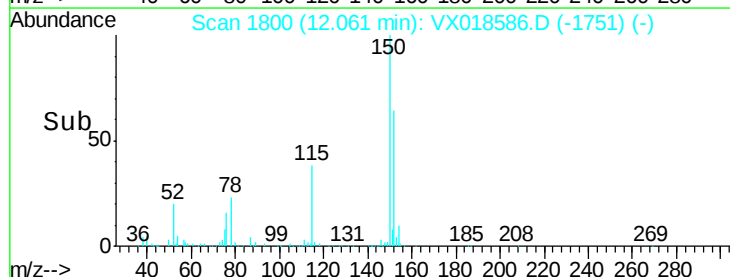
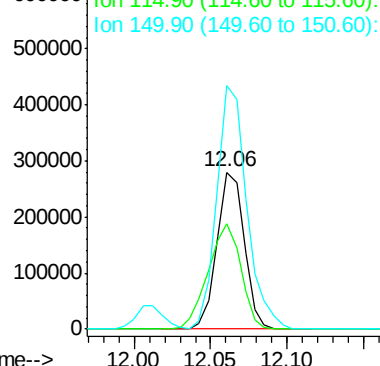


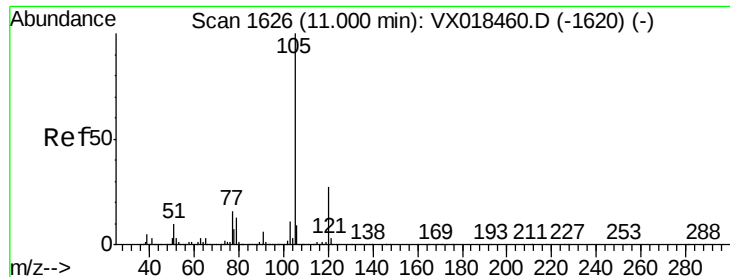
Abundance

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: 47.509 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1097490

Ion Ratio Lower Upper

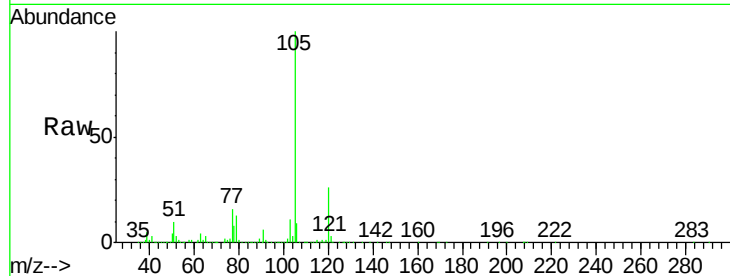
105 100

120 26.7 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

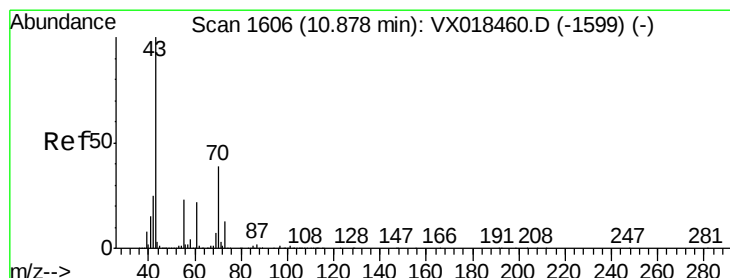
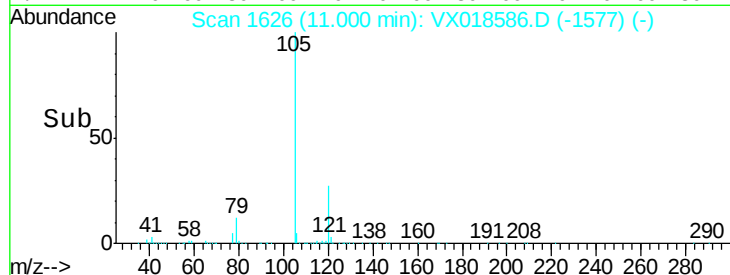
400000

200000

0

11.00

Time-->



#74

N-ethyl acetate

Concen: 43.760 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion: 43 Resp: 455104

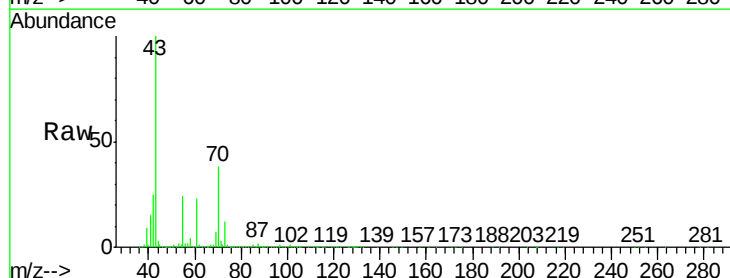
Ion Ratio Lower Upper

43 100

70 40.6 32.2 48.4

55 24.1 18.8 28.2

61 23.4 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

500000

400000

300000

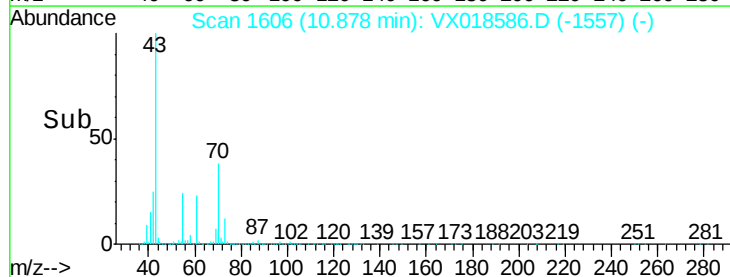
200000

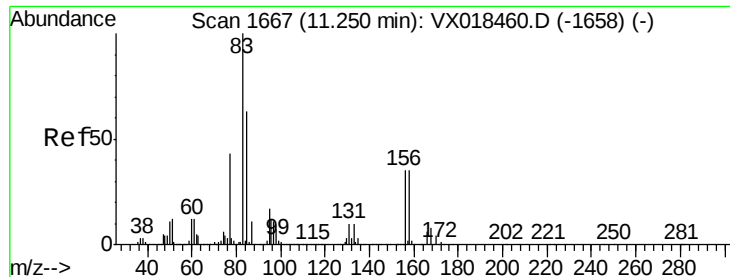
100000

0

10.88

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.647 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

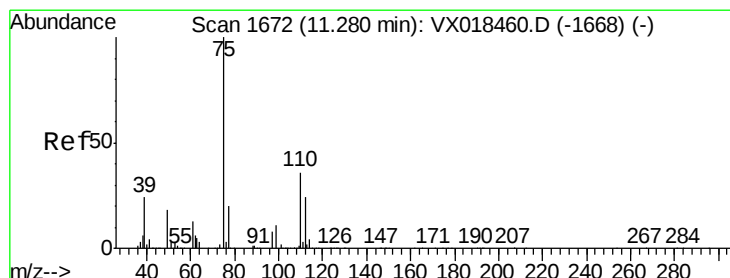
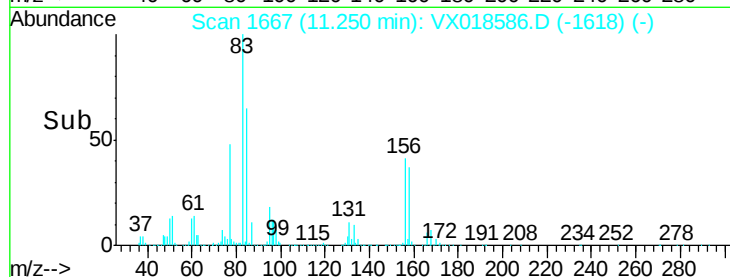
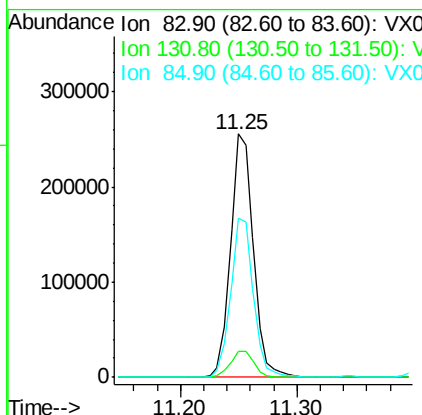
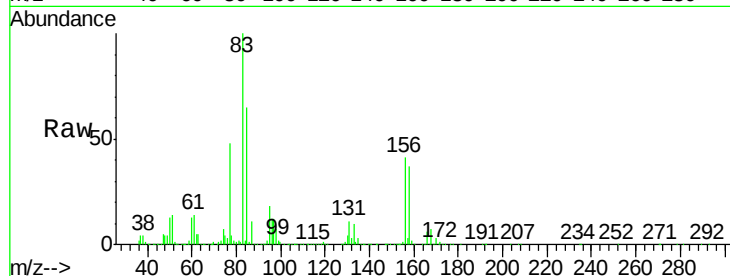
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	349027
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.4
85	65.2	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.948 ug/l m

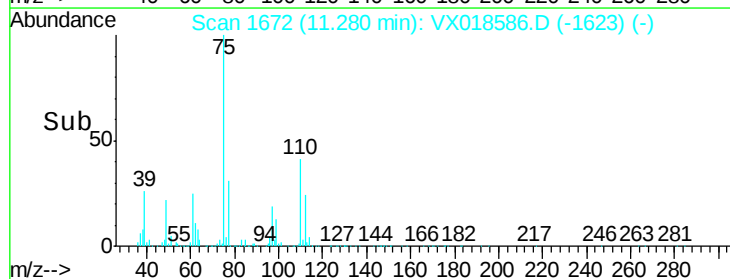
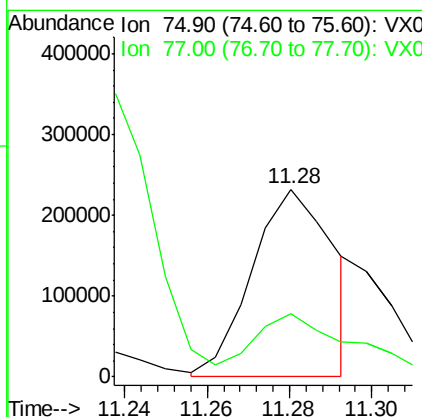
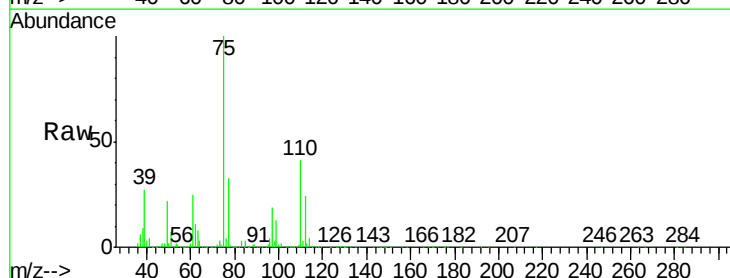
RT: 11.28 min Scan# 1672

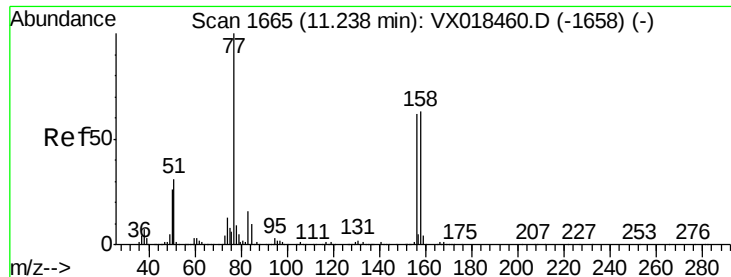
Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion:	75	Resp:	319358
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.9	62.7





#77

Bromobenzene

Concen: 44.926 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

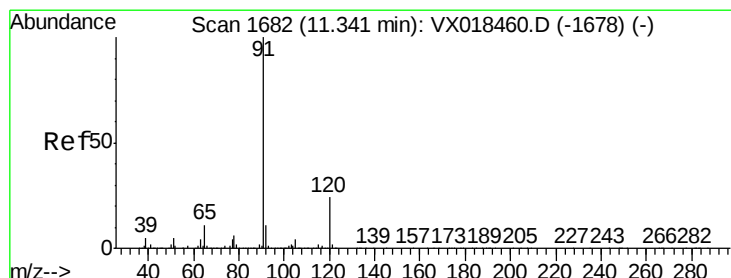
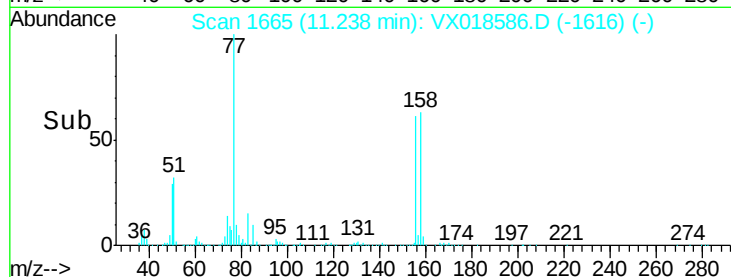
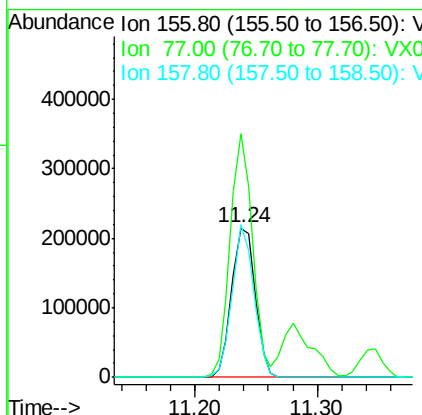
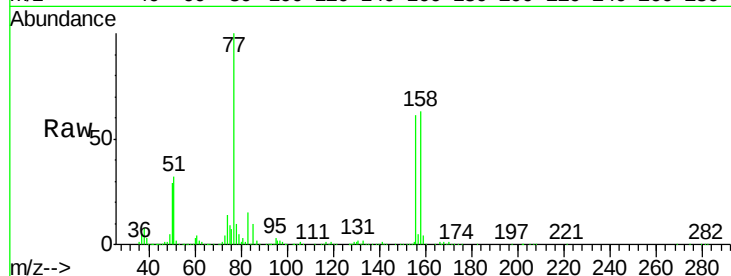
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	286357
Ion Ratio	Lower	Upper	
156	100		
77	154.0	78.8	236.5
158	94.4	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 46.603 ug/l

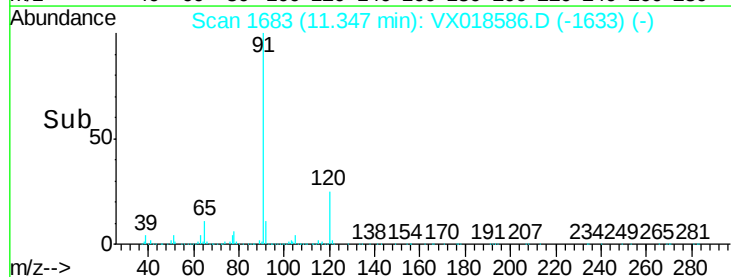
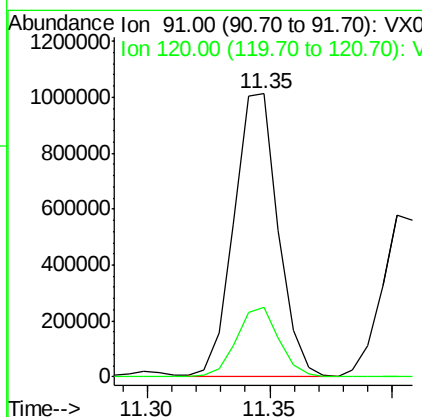
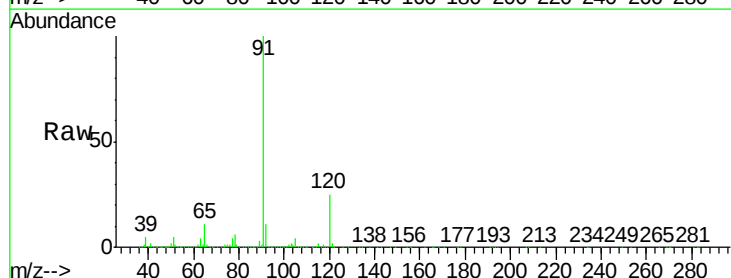
RT: 11.35 min Scan# 1683

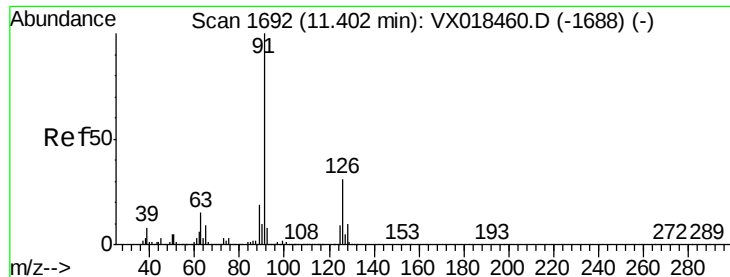
Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion:	91	Resp:	1260148
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.8	35.3





#79

2-Chlorotoluene

Concen: 45.703 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 748048

Ion Ratio Lower Upper

91 100

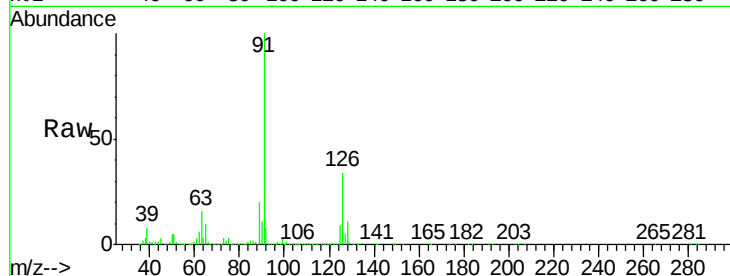
126 34.6 16.6 49.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018460.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018460.D (-1688) (-)

1200000

800000

600000

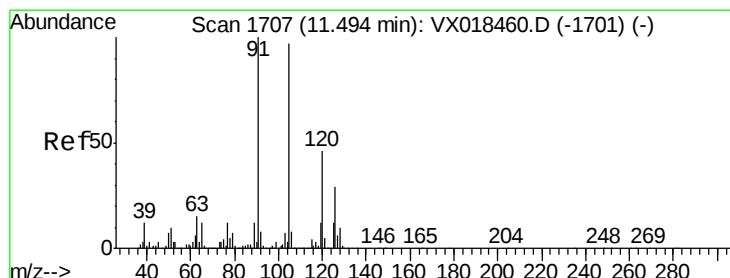
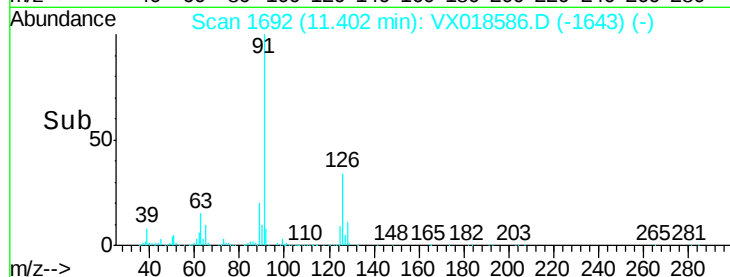
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.931 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018586.D

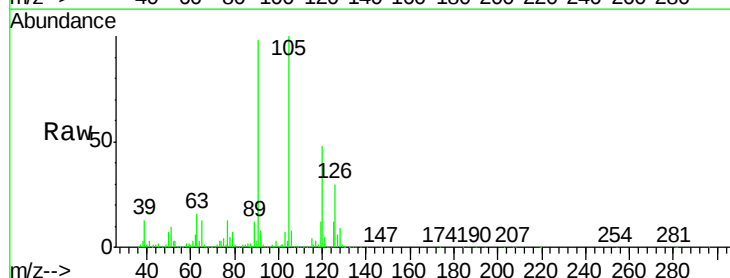
Acq: 24 Sep 2020 20:23

Tgt Ion: 105 Resp: 946927

Ion Ratio Lower Upper

105 100

120 47.9 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): VX018460.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018460.D (-1701) (-)

800000

600000

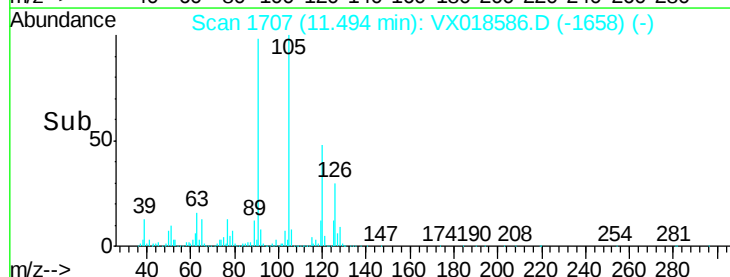
400000

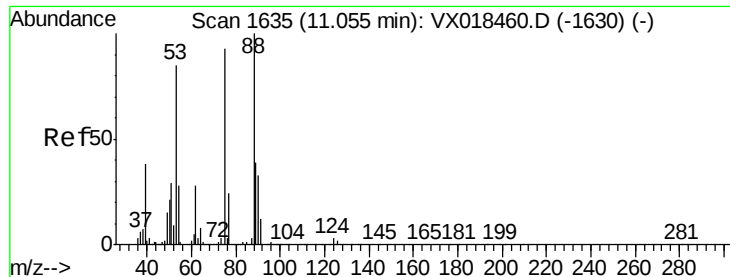
200000

0

11.45 11.50 11.55

Time-->





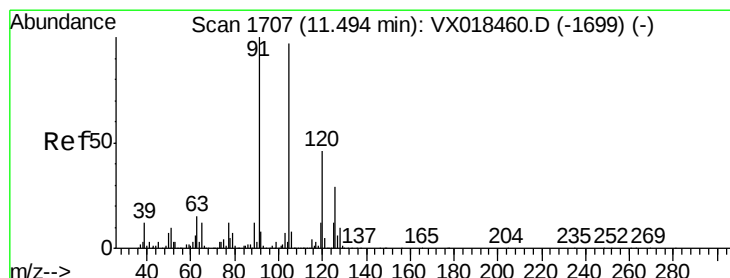
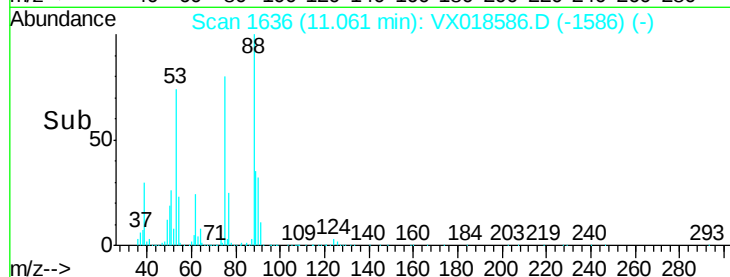
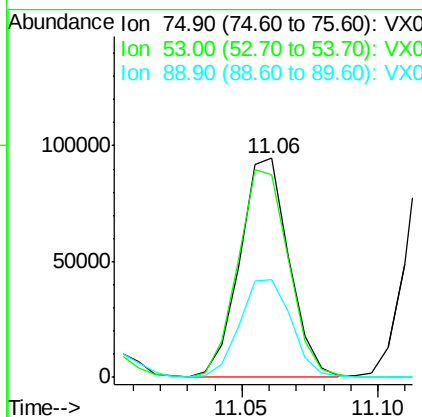
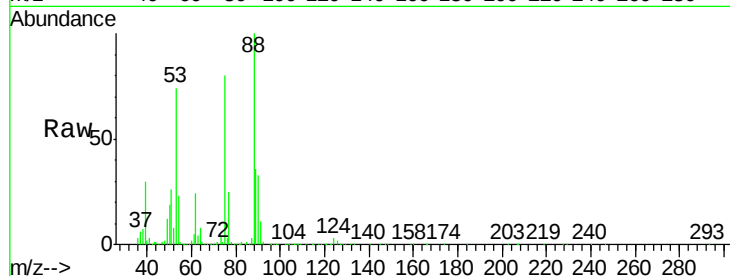
#81
trans-1,4-Dichloro-2-butene
Concen: 41.933 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	74.6	111.8
89	46.9	36.2	54.4

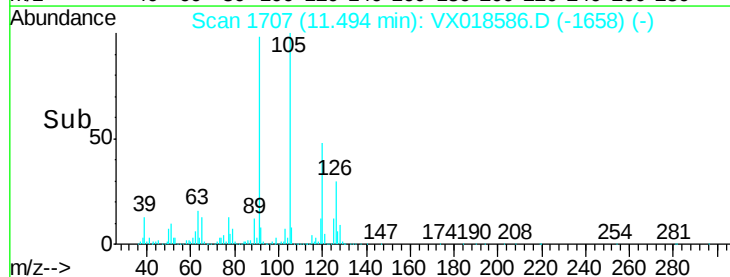
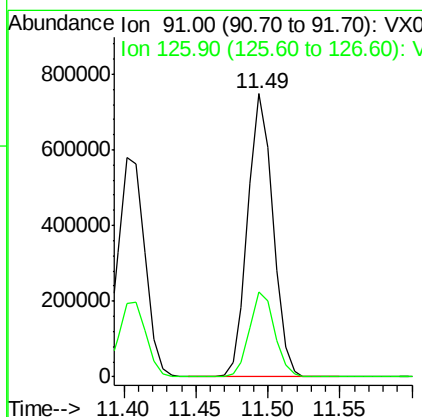
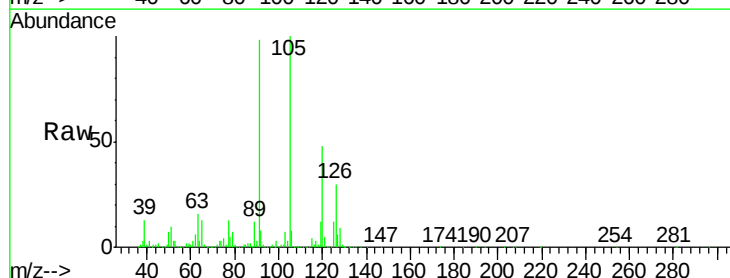
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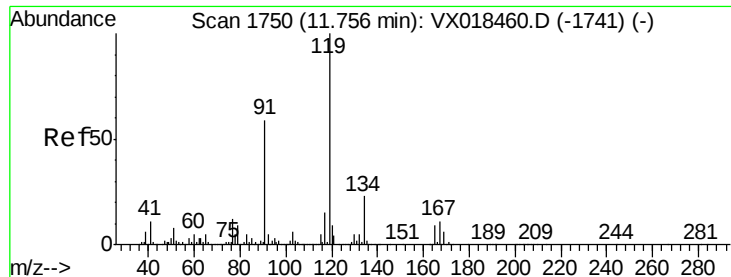
MMDadoda
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#82
4-Chlorotoluene
Concen: 46.461 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.0	45.0





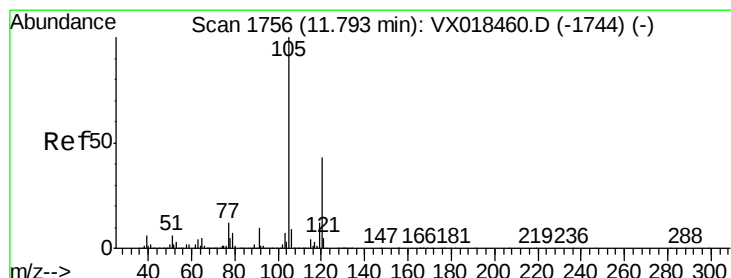
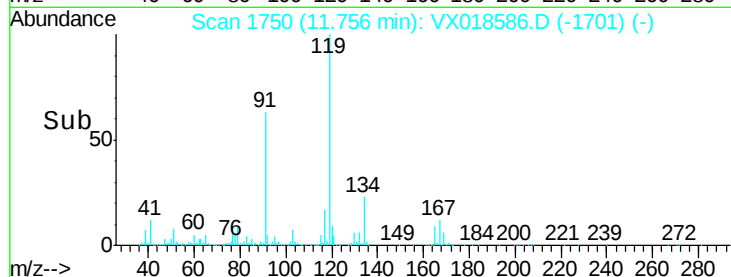
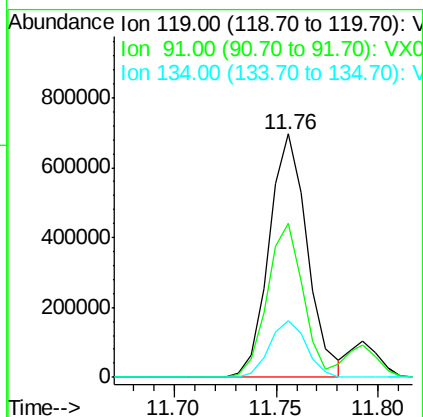
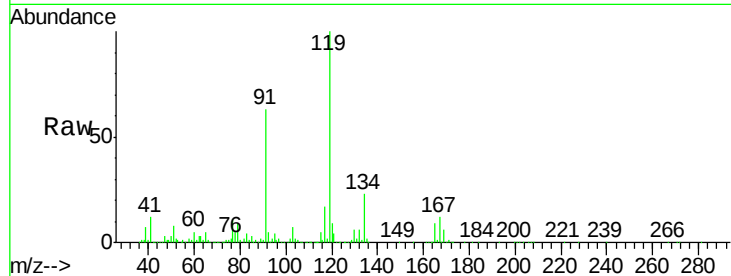
#83
tert-Butylbenzene
Concen: 47.410 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	909393		
91	58.9		28.9	86.7
134	22.7		11.3	33.8

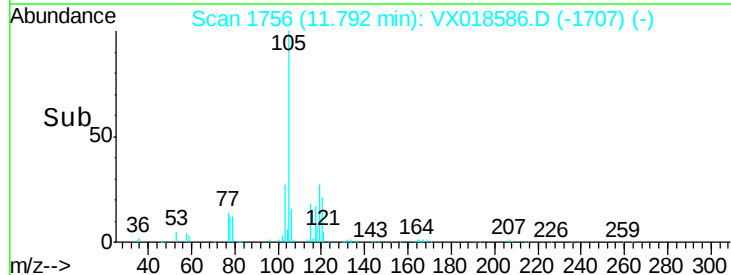
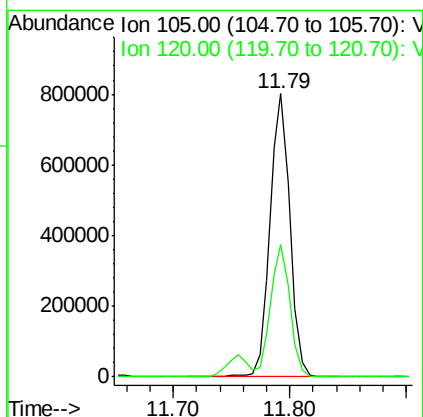
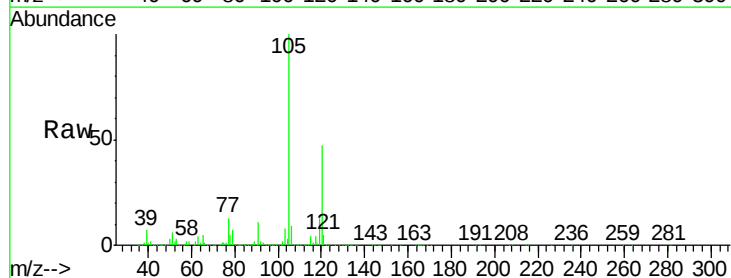
Manual Integrations
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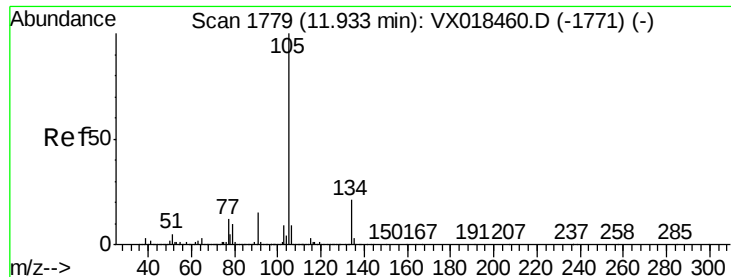
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#84
1,2,4-Trimethylbenzene
Concen: 47.891 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	952841		
120	45.5		21.6	65.0





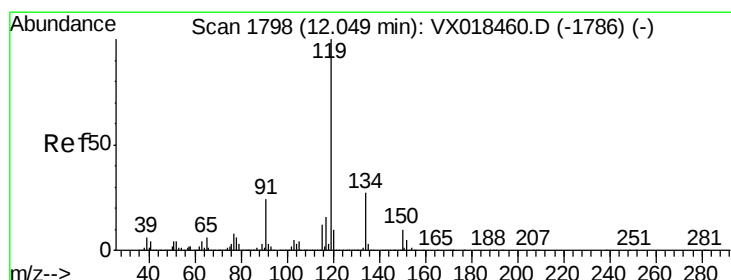
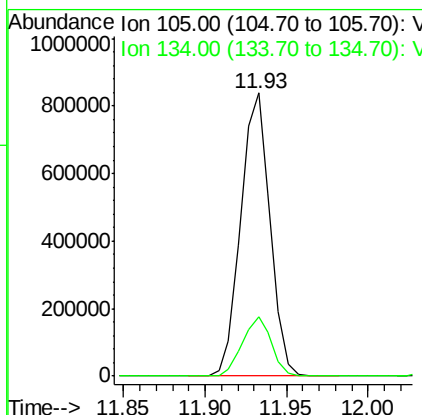
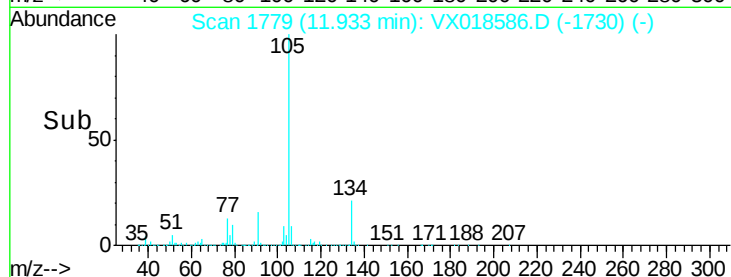
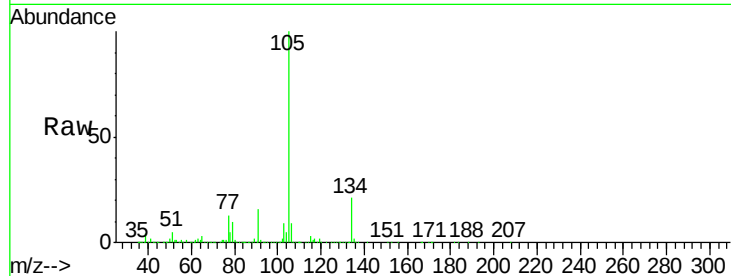
#85
 sec-Butylbenzene
 Concen: 46.304 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1047990
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

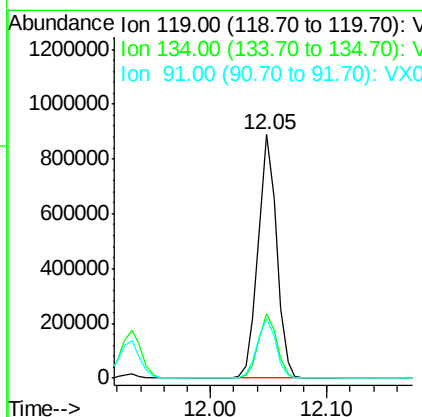
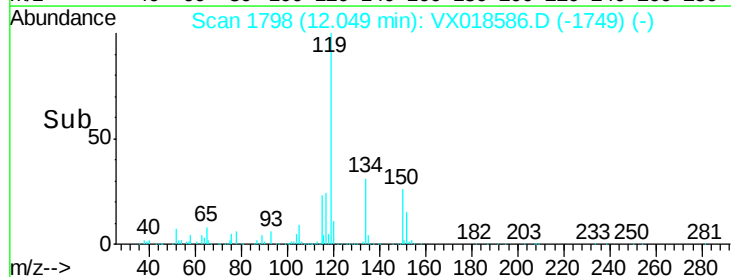
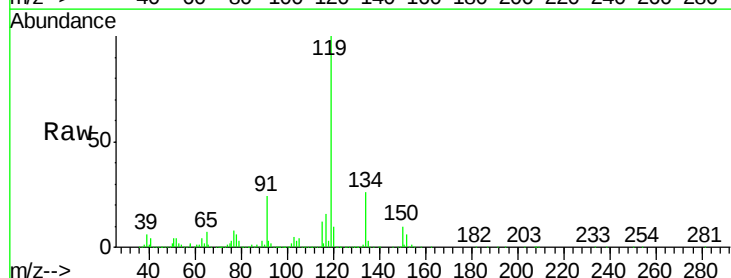
Manual Integrations
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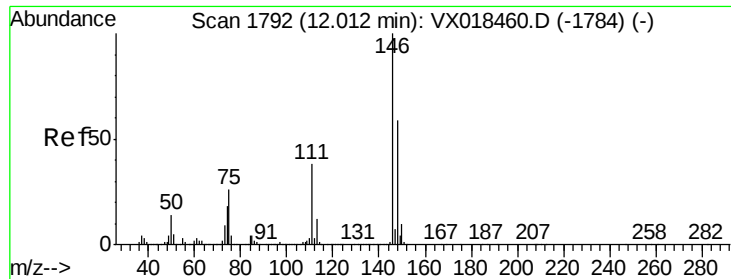
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#86
 p-Isopropyltoluene
 Concen: 47.839 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Tgt Ion:119 Resp: 995076
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 24.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 45.421 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

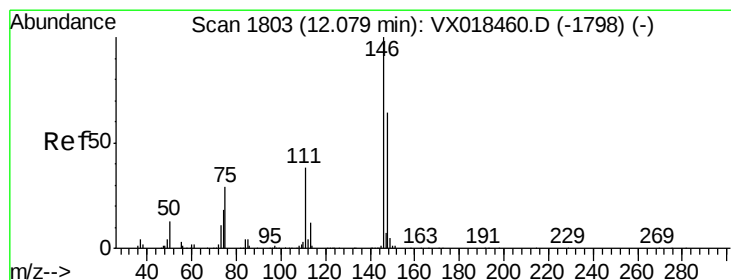
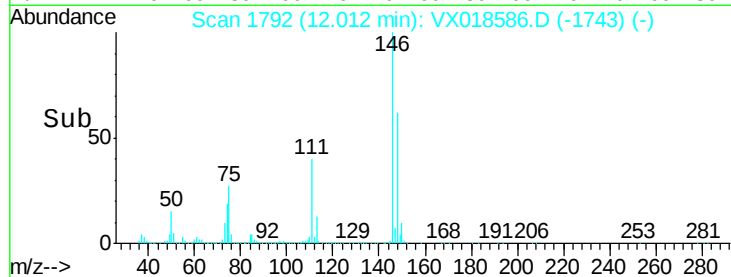
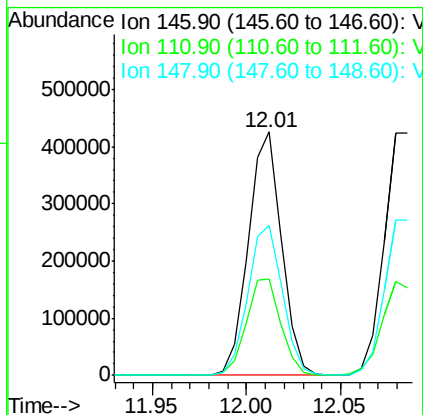
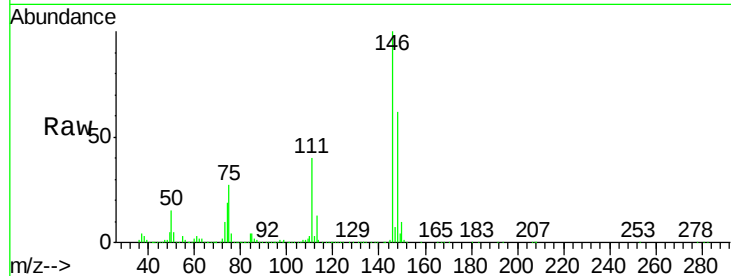
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	520531
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.4	61.2
148	63.7	31.1	93.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 45.693 ug/l

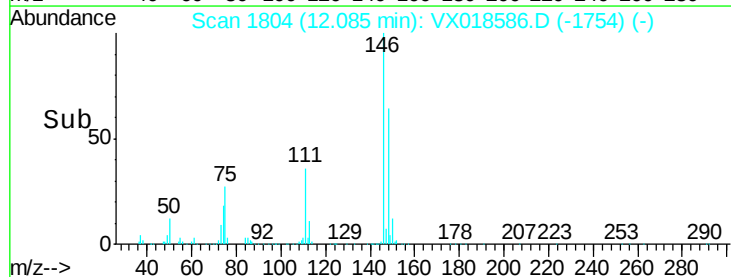
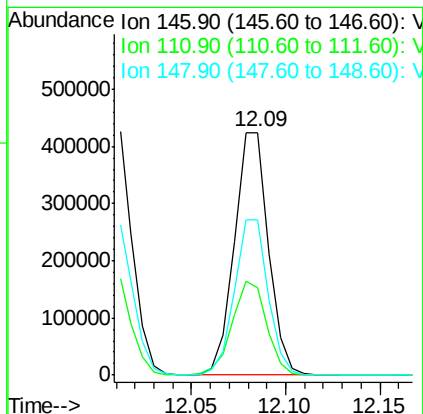
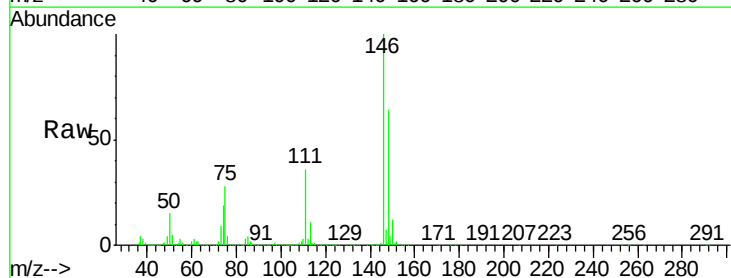
RT: 12.09 min Scan# 1804

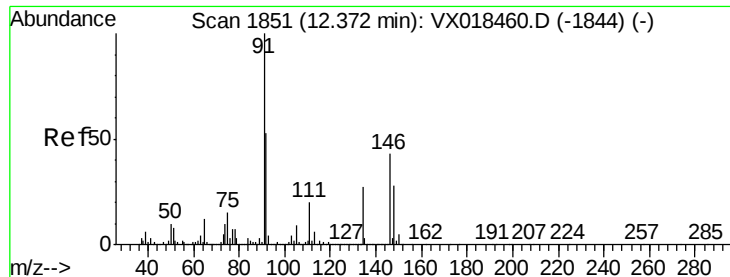
Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Tgt Ion:	146	Resp:	530965
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.4	58.4
148	63.6	31.8	95.4





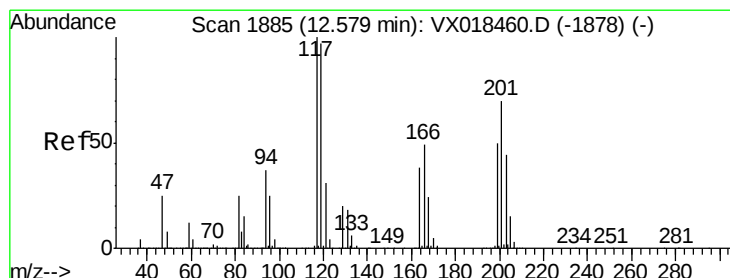
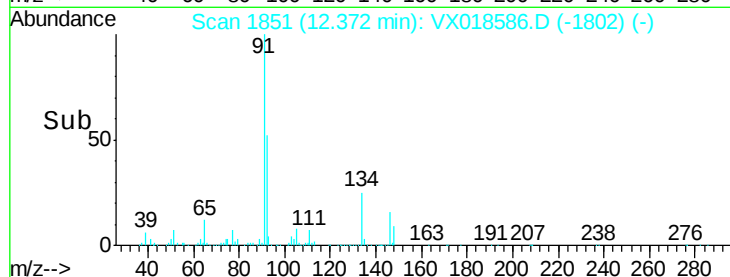
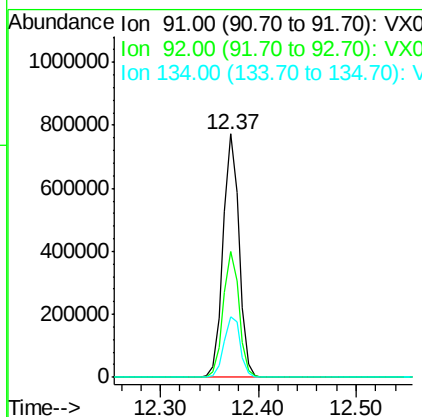
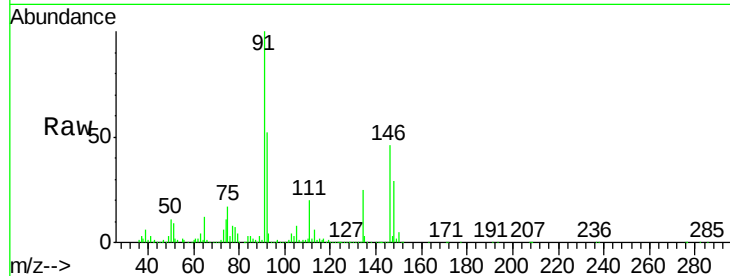
#89
n-Butylbenzene
Concen: 45.314 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.2
134	25.6	13.3	39.8

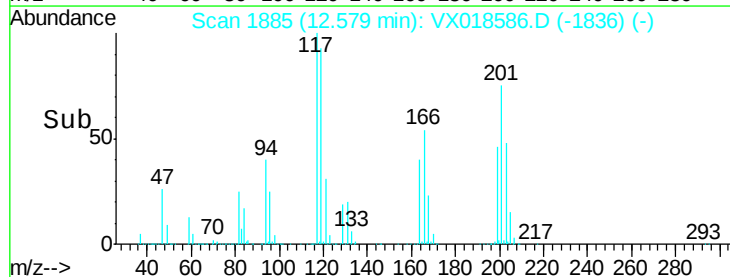
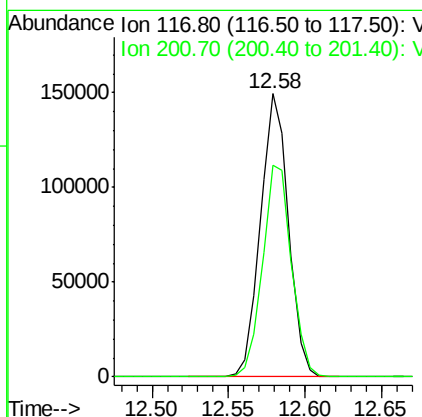
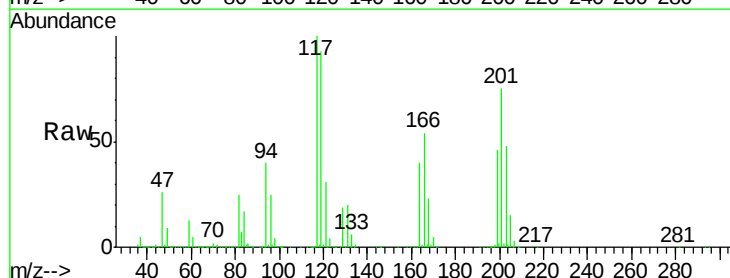
Manual Integrations
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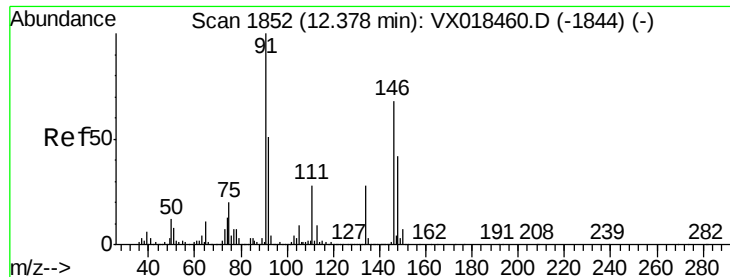
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#90
Hexachloroethane
Concen: 46.044 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018586.D
Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	36.2	108.6





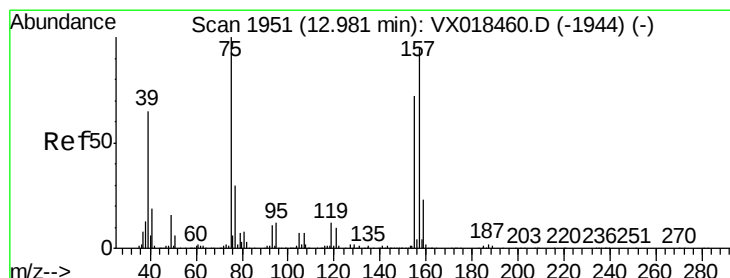
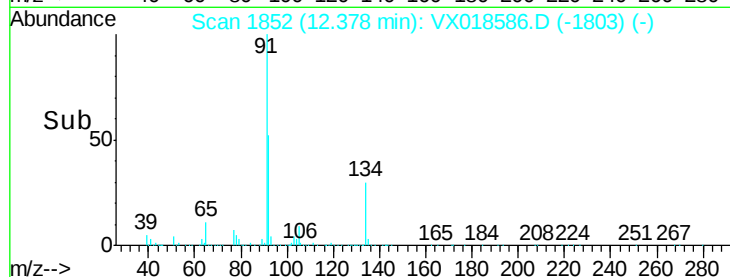
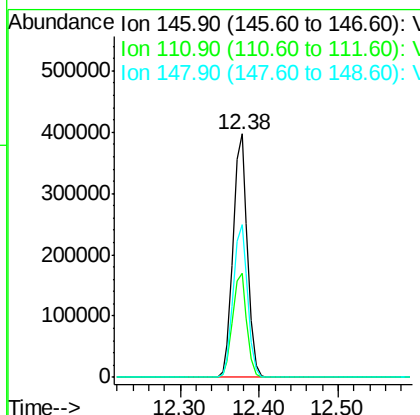
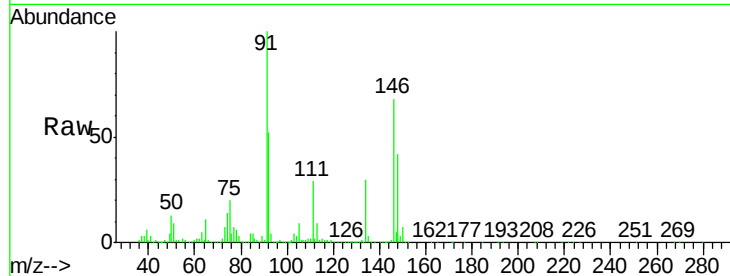
#91
 1,2-Dichlorobenzene
 Concen: 46.748 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.5	64.5
148	63.3	32.1	96.5

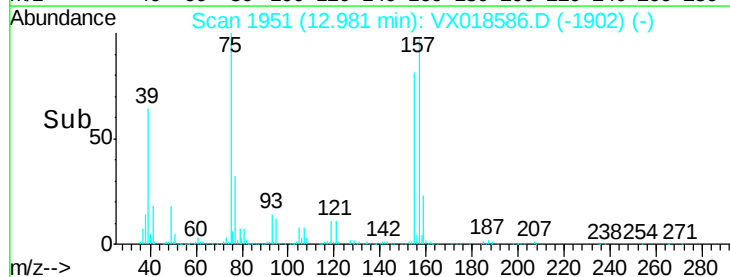
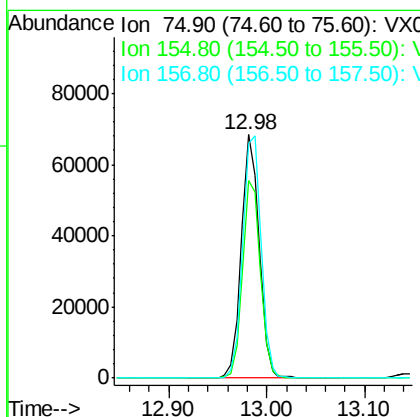
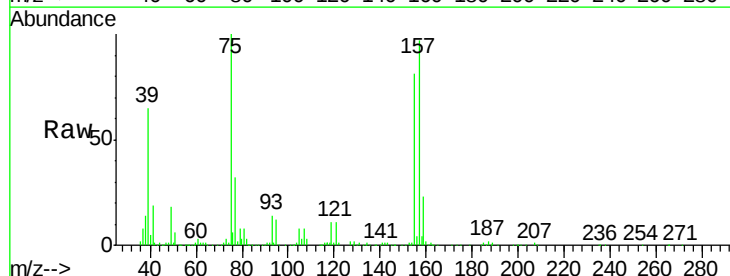
Manual Integrations
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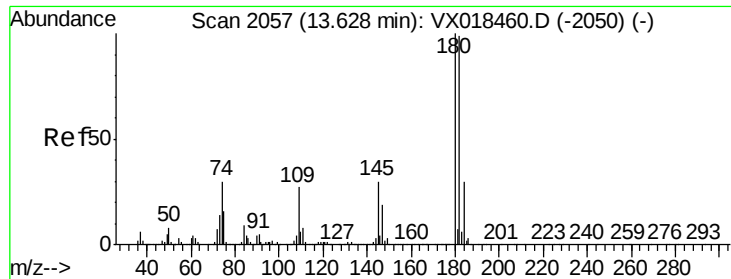
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.839 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	38.8	116.4
157	102.3	51.1	153.3





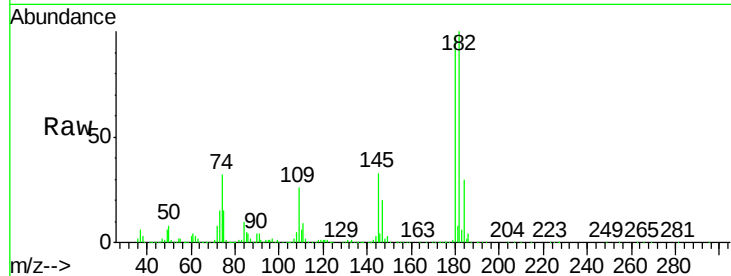
#93
 1,2,4-Trichlorobenzene
 Concen: 44.789 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

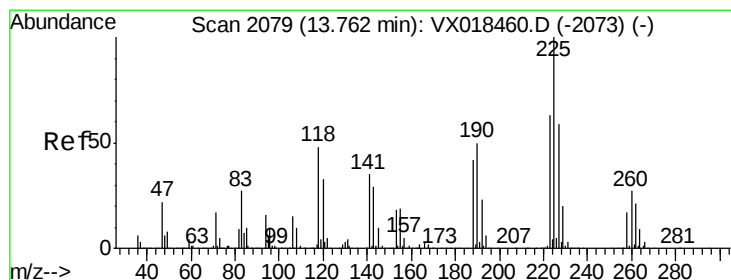
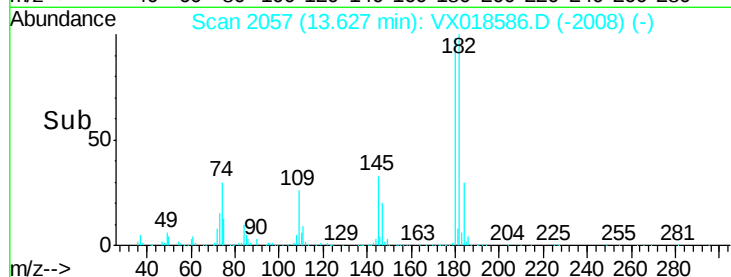
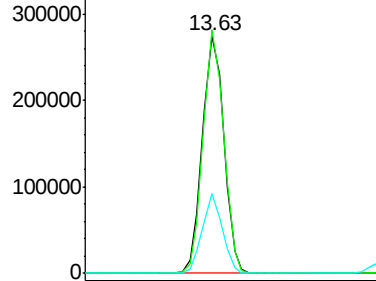
Tot Ion	Ratio	Resp	Lower	Upper
180	100	334369		
182	97.7	50.2	150.6	
145	31.3	15.7	47.1	

Manual Integrations
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MMDadoda
 9/28/2020 5:22:14 PM

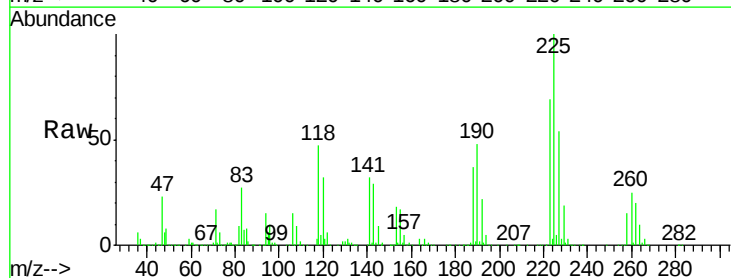


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

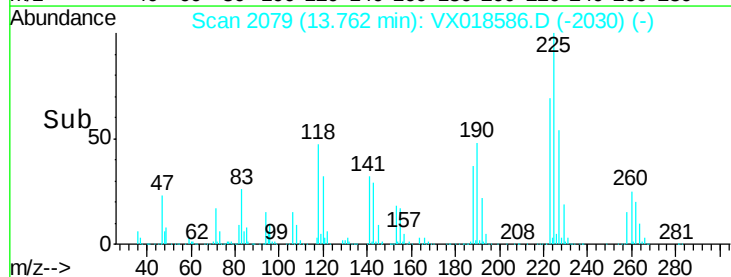
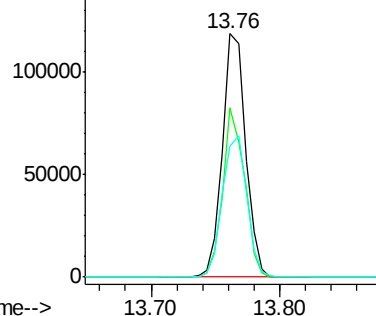


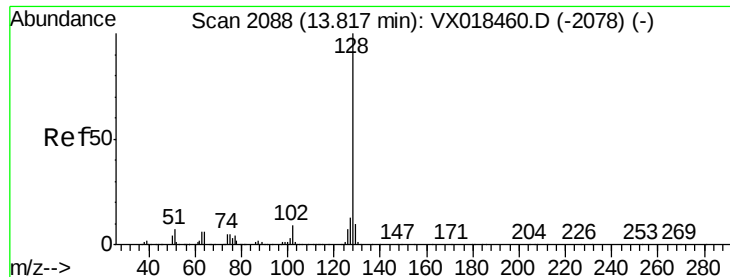
#94
 Hexachlorobutadiene
 Concen: 46.461 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018586.D
 Acq: 24 Sep 2020 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145549		
223	64.8	32.0	96.2	
227	61.2	31.7	95.1	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.995 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1036985

Ion Ratio Lower Upper

128 100

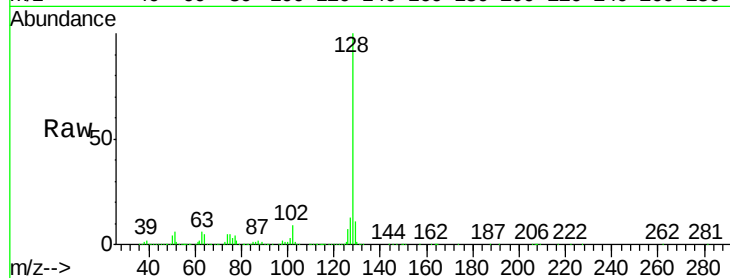
127 13.0 10.3 15.5

129 11.1 8.7 13.1

Manual Integrations
APPROVED

MMDadoda

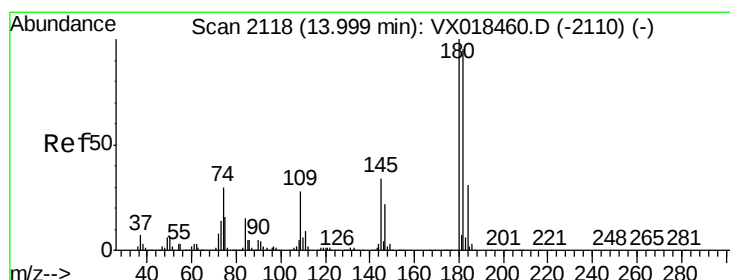
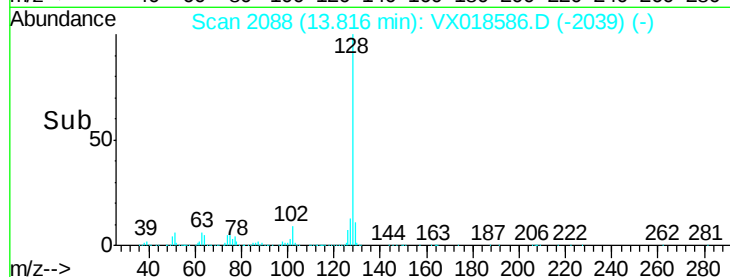
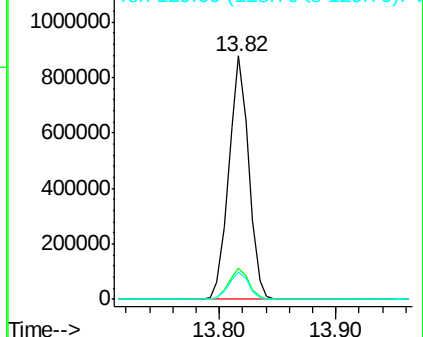
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.681 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018586.D

Acq: 24 Sep 2020 20:23

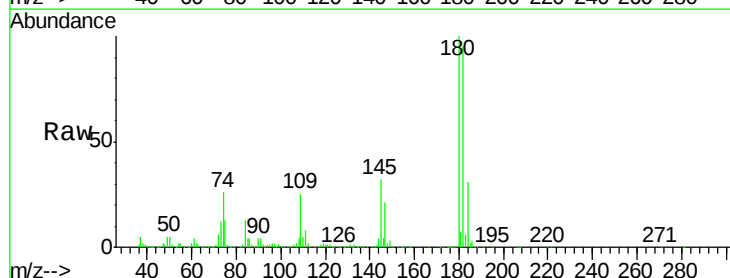
Tgt Ion:180 Resp: 325913

Ion Ratio Lower Upper

180 100

182 96.6 47.1 141.3

145 34.4 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

