

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017191.D
 Acq On : 07 Jul 2020 09:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:23 AM

Quant Time: Jul 07 15:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	448159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184565	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	5.46	113	149265	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.70	98	532373	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	214904	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	138643	45.603	ug/l	98
3) Chloromethane	1.31	50	138460	37.625	ug/l	98
4) Vinyl Chloride	1.39	62	138735	40.633	ug/l	100
5) Bromomethane	1.62	94	74471	41.283	ug/l	97
6) Chloroethane	1.70	64	85771	42.534	ug/l	98
7) Trichlorofluoromethane	1.91	101	249110	49.332	ug/l	100
8) Diethyl Ether	2.17	74	80470	47.381	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	141834	46.864	ug/l	98
10) Methyl Iodide	2.49	142	160564	41.115	ug/l	99
11) Tert butyl alcohol	3.01	59	149740	202.608	ug/l	99
12) 1,1-Dichloroethene	2.36	96	130868	42.092	ug/l	98
13) Acrolein	2.27	56	159222	360.396	ug/l	97
14) Allyl chloride	2.70	41	236626	41.182	ug/l	97
15) Acrylonitrile	3.11	53	366397	206.226	ug/l	99
16) Acetone	2.42	43	308875	213.125	ug/l	97
17) Carbon Disulfide	2.55	76	370342	42.689	ug/l	100
18) Methyl Acetate	2.75	43	163665	43.260	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	479949	45.996	ug/l	99
20) Methylene Chloride	2.83	84	153983	46.269	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	154344	44.734	ug/l	99
22) Diisopropyl ether	3.82	45	474479	44.617	ug/l	94
23) Vinyl Acetate	3.78	43	2040850	223.327	ug/l	100
24) 1,1-Dichloroethane	3.67	63	268819	44.426	ug/l	99
25) 2-Butanone	4.63	43	488717	202.380	ug/l	100
26) 2,2-Dichloropropane	4.55	77	252058	46.914	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	168464	43.092	ug/l	99
28) Bromochloromethane	4.98	49	115613	39.264	ug/l	94
29) Tetrahydrofuran	5.09	42	317755	199.152	ug/l	98
30) Chloroform	5.17	83	281240	45.340	ug/l	100
31) Cyclohexane	5.54	56	223036	42.643	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	264089	46.229	ug/l	99
36) 1,1-Dichloropropene	5.76	75	207438	48.974	ug/l	98
37) Ethyl Acetate	4.79	43	194414	45.238	ug/l	99
38) Carbon Tetrachloride	5.75	117	242327	51.943	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	237001	50.290	ug/l	97
40) Benzene	6.11	78	595205	47.827	ug/l	99
41) Methacrylonitrile	5.00	41	110950	45.871	ug/l	99
42) 1,2-Dichloroethane	6.16	62	227954	50.710	ug/l	100
43) Isopropyl Acetate	6.41	43	323736	45.333	ug/l	99
44) Trichloroethene	7.18	130	179130	52.174	ug/l	100
45) 1,2-Dichloropropane	7.49	63	155570	48.670	ug/l	98
46) Dibromomethane	7.63	93	108718	49.819	ug/l	96
47) Bromodichloromethane	7.87	83	229806	51.099	ug/l	96
48) Methyl methacrylate	7.74	41	162855	48.001	ug/l	98
49) 1,4-Dioxane	7.71	88	68690	893.677	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	995993	233.972	ug/l	100
52) Toluene	8.76	92	389479	50.126	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	247633	49.906	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	268761	50.527	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	157761	49.695	ug/l	98
56) Ethyl methacrylate	9.16	69	227823	50.420	ug/l	98
57) 1,3-Dichloropropane	9.35	76	259124	48.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	566989	252.129	ug/l	98
59) 2-Hexanone	9.47	43	763706	245.648	ug/l	100
60) Dibromochloromethane	9.56	129	197242	53.494	ug/l	98
61) 1,2-Dibromoethane	9.65	107	166210	48.708	ug/l	100
64) Tetrachloroethene	9.32	164	179423	52.433	ug/l	97
65) Chlorobenzene	10.12	112	432878	49.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	172638	51.189	ug/l	99
67) Ethyl Benzene	10.23	91	739304	50.588	ug/l	99
68) m/p-Xylenes	10.34	106	578198	103.039	ug/l	97
69) o-Xylene	10.68	106	273568	51.248	ug/l	99
70) Styrene	10.70	104	485907	53.453	ug/l	99
71) Bromoform	10.84	173	152199	56.909	ug/l	98
73) Isopropylbenzene	11.00	105	749108	48.334	ug/l	100
74) N-amyl acetate	10.88	43	296872	44.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	217908	44.697	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	216167m	46.458	ug/l	
77) Bromobenzene	11.24	156	206761	48.540	ug/l	96
78) n-propylbenzene	11.34	91	856943	48.894	ug/l	99
79) 2-Chlorotoluene	11.40	91	521855	49.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	650081	50.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	81501	45.360	ug/l	90
82) 4-Chlorotoluene	11.49	91	625305	49.313	ug/l	100
83) tert-Butylbenzene	11.76	119	637743	50.535	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	668163	51.231	ug/l	100
85) sec-Butylbenzene	11.93	105	736278	49.634	ug/l	100
86) p-Isopropyltoluene	12.05	119	712571	51.600	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	369363	47.744	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	372423	51.051	ug/l	99
89) n-Butylbenzene	12.37	91	595646	48.306	ug/l	99
90) Hexachloroethane	12.58	117	132737	48.742	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	347926	48.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50027	43.015	ug/l	97

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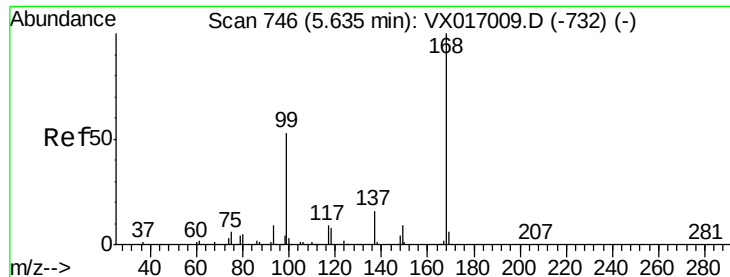
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	234627	47.536	ug/l	97
94) Hexachlorobutadiene	13.77	225	92119	49.191	ug/l	98
95) Naphthalene	13.82	128	719726	47.964	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	232964	48.771	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 314252

Ion Ratio Lower Upper

168 100

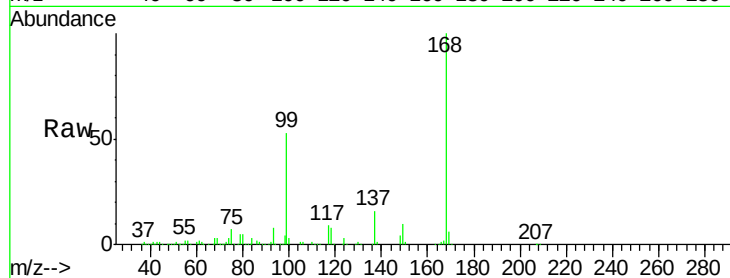
99 52.6 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

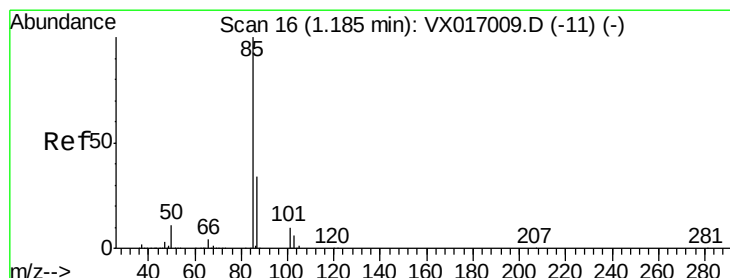
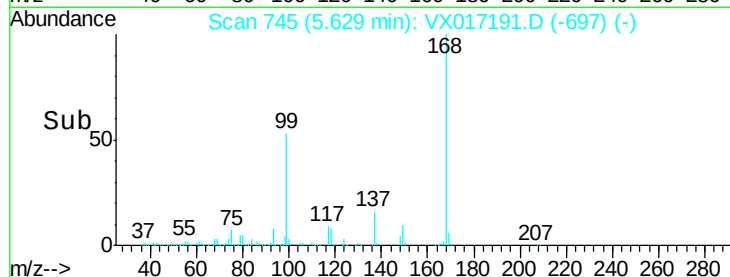
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.603 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017191.D

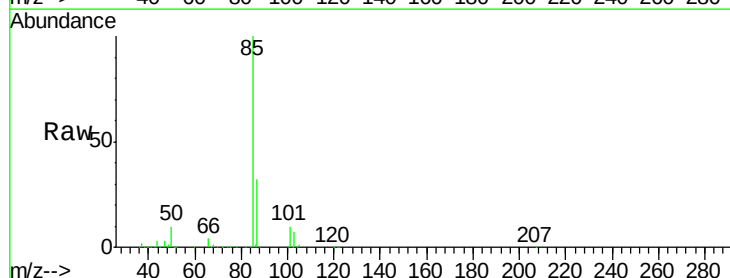
Acq: 07 Jul 2020 09:50

Tgt Ion: 85 Resp: 138643

Ion Ratio Lower Upper

85 100

87 32.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

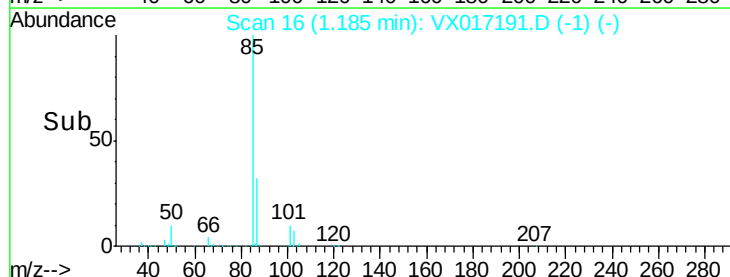
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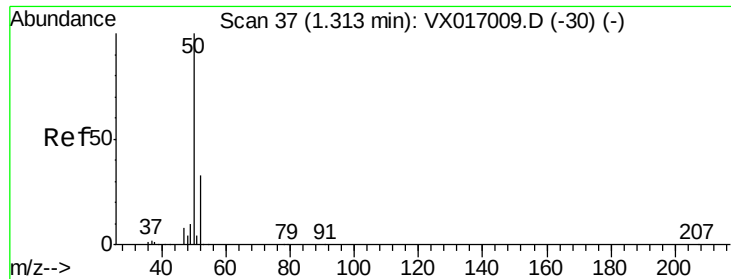
100000

50000

0

Time-->





#3

Chloromethane

Concen: 37.625 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 138460

Ion Ratio Lower Upper

50 100

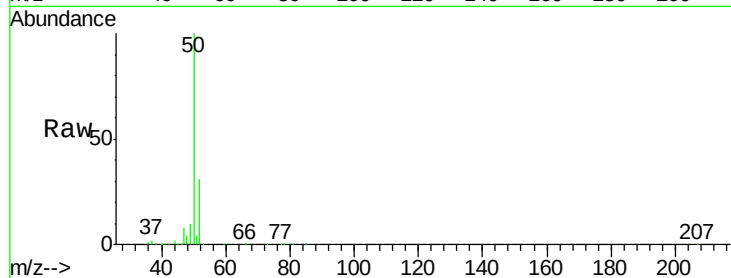
52 31.3 26.1 39.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

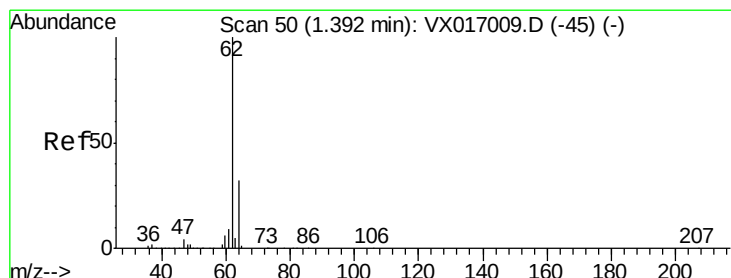
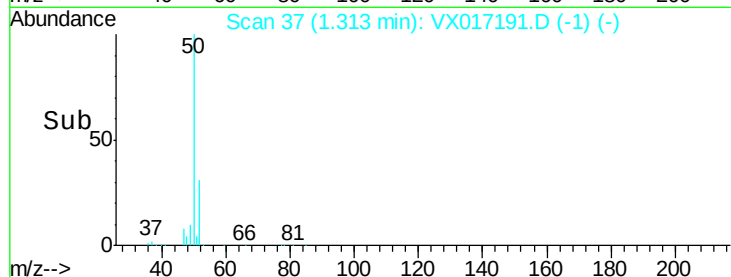
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 40.633 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017191.D

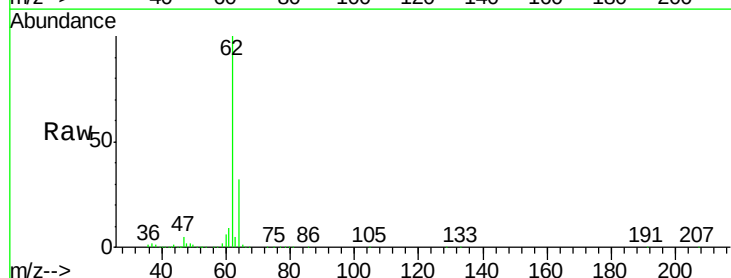
Acq: 07 Jul 2020 09:50

Tgt Ion: 62 Resp: 138735

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

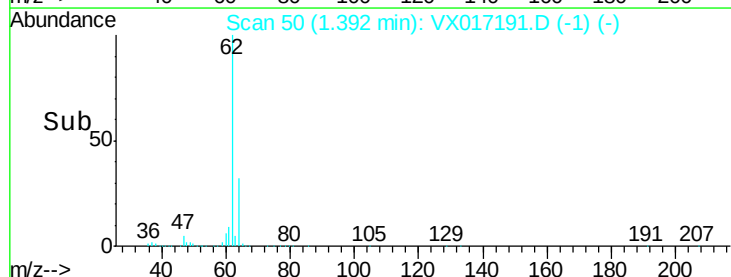
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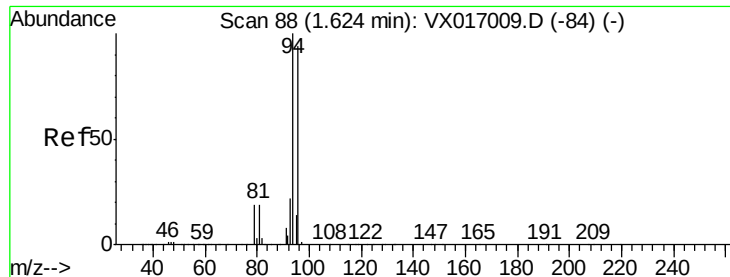
100000

50000

0

Time-->





#5

Bromomethane

Concen: 41.283 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 74471

Ion Ratio Lower Upper

94 100

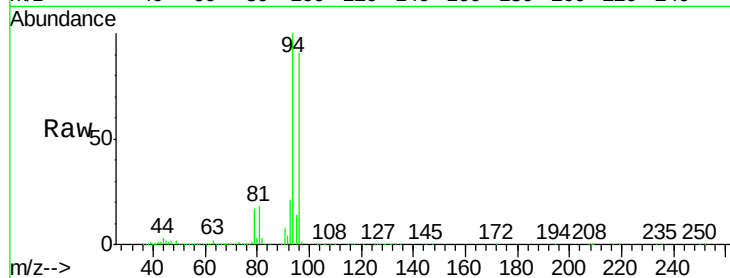
96 90.9 75.0 112.4

Manual Integrations

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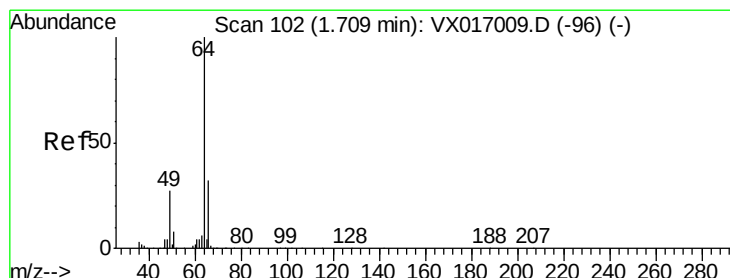
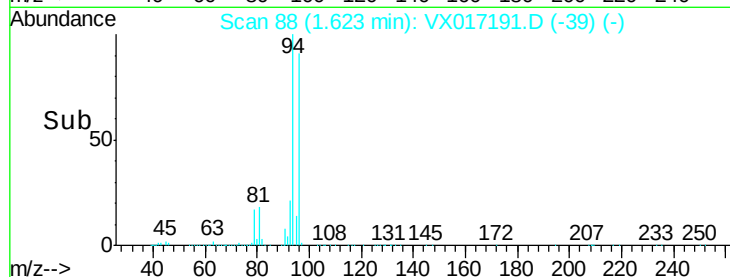
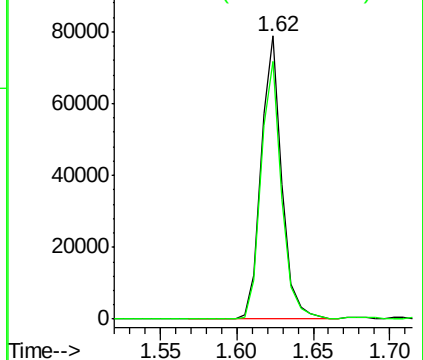
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.534 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017191.D

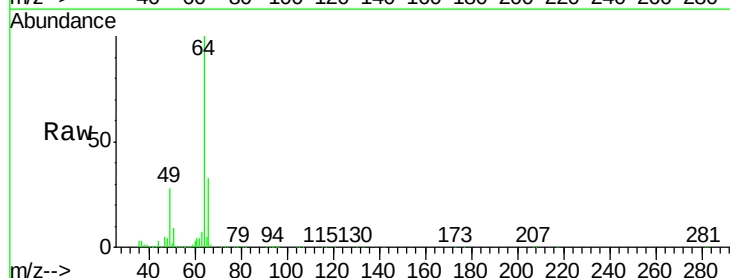
Acq: 07 Jul 2020 09:50

Tgt Ion: 64 Resp: 85771

Ion Ratio Lower Upper

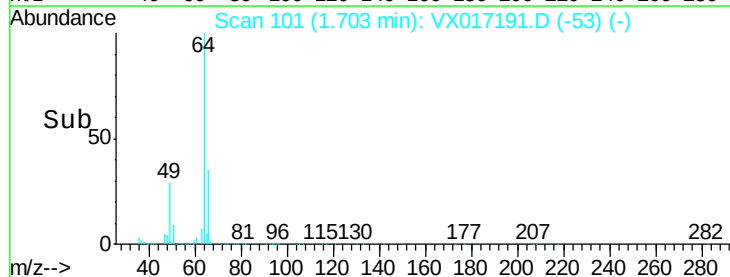
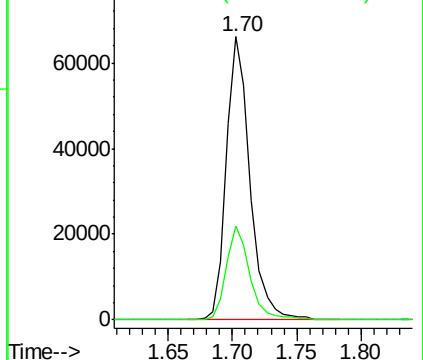
64 100

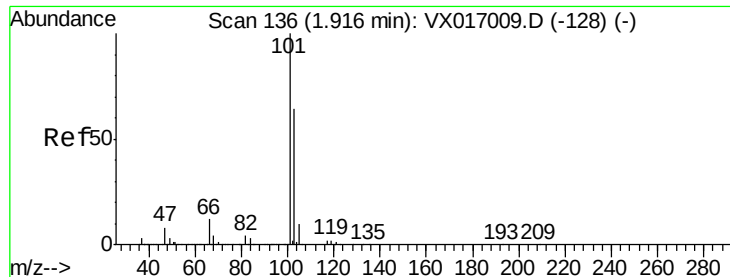
66 33.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

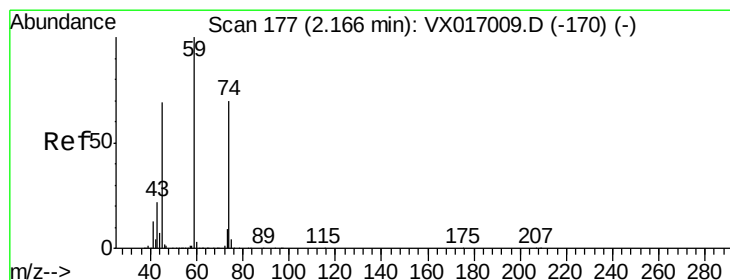
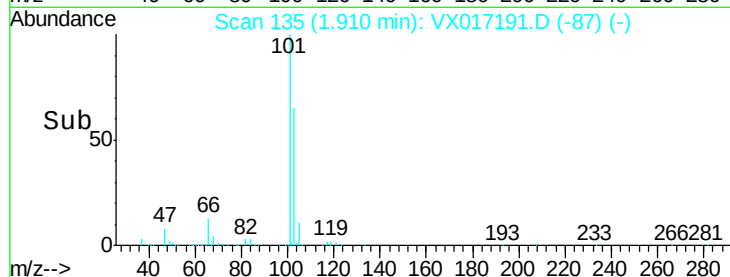
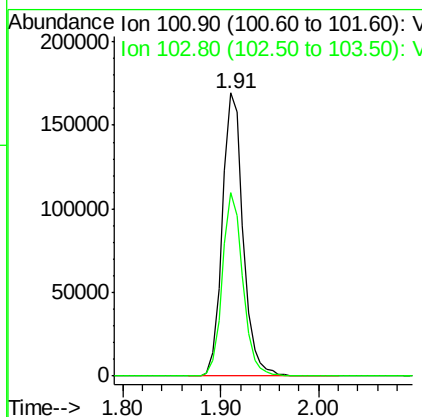
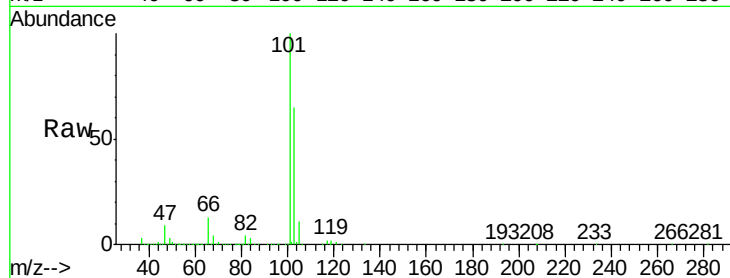
Trichlorofluoromethane
 Concen: 49.332 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.5	77.3

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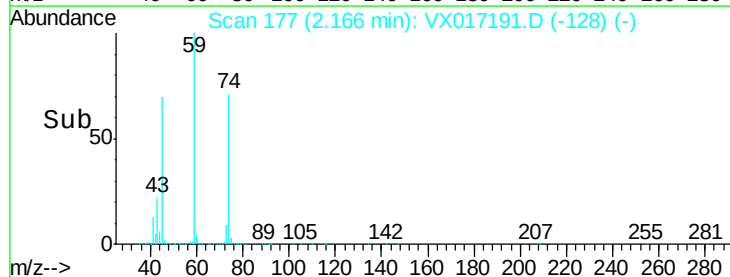
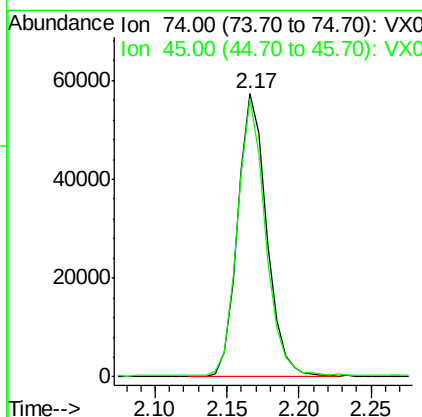
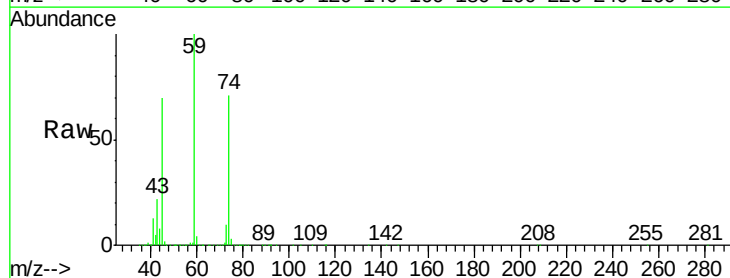
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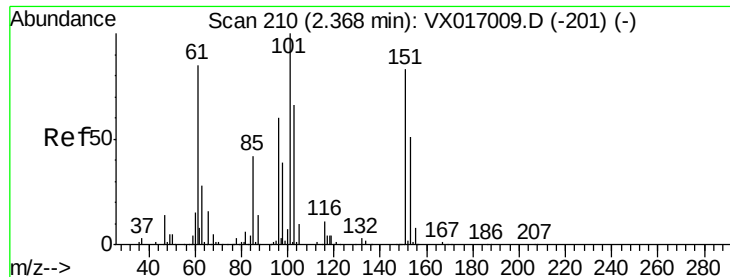


#8

Diethyl Ether
 Concen: 47.381 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.864 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

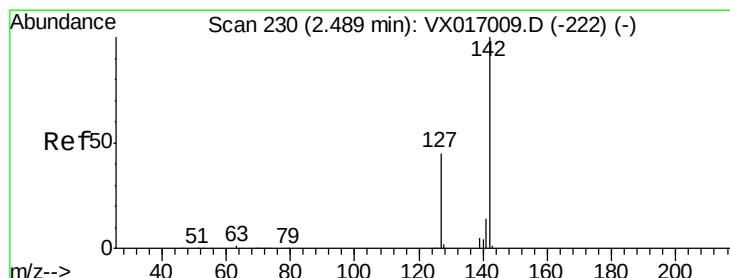
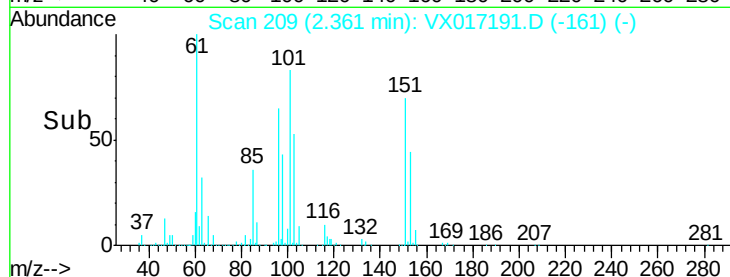
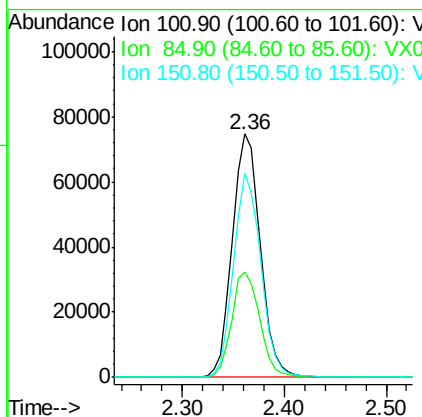
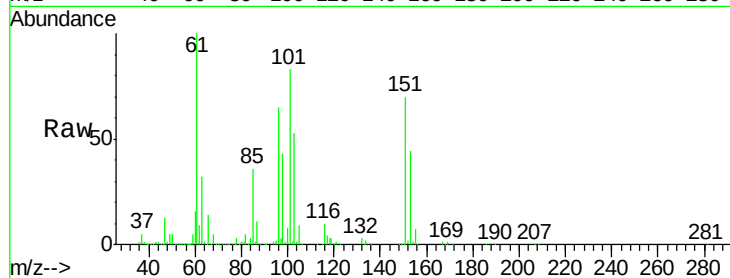
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	141834
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.5	50.3
151	82.0	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 41.115 ug/l

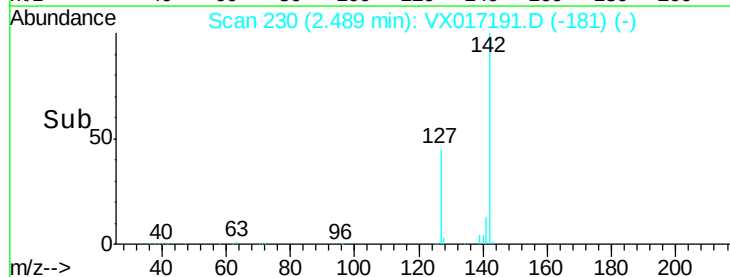
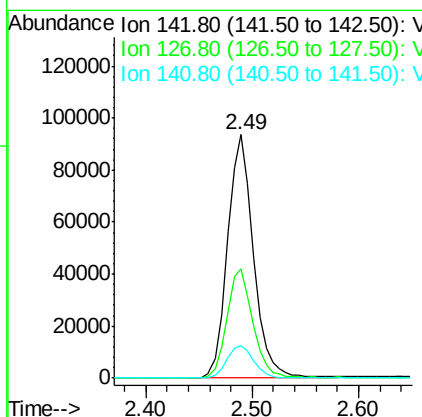
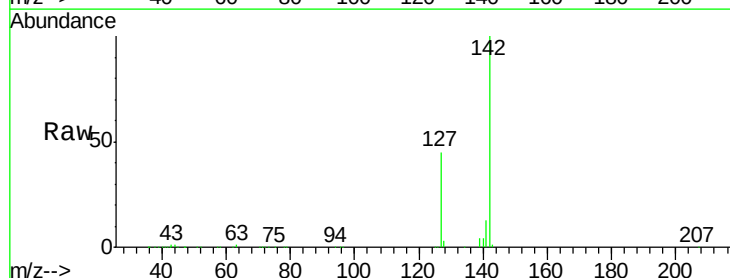
RT: 2.49 min Scan# 230

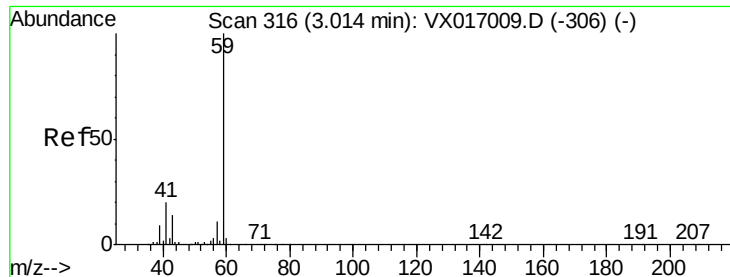
Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	142	Resp:	160564
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.6	54.8
141	14.1	11.6	17.4





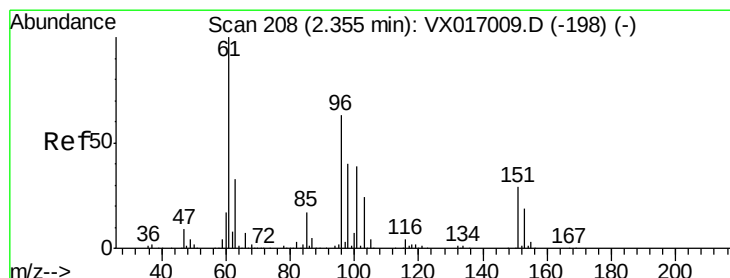
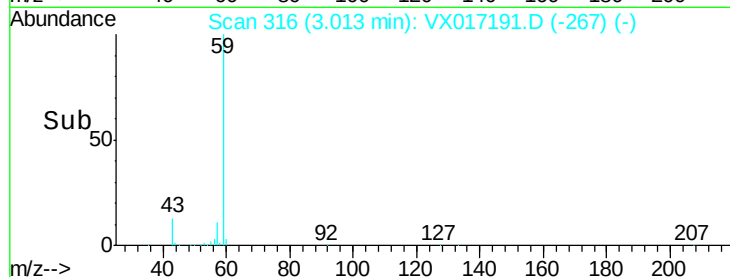
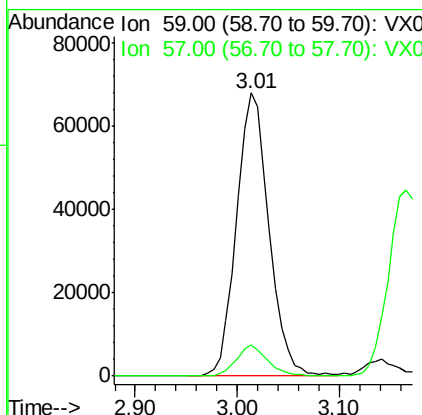
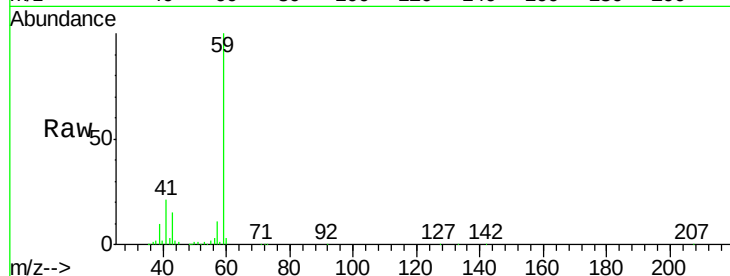
#11
Tert butyl alcohol
Concen: 202.608 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 149740
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

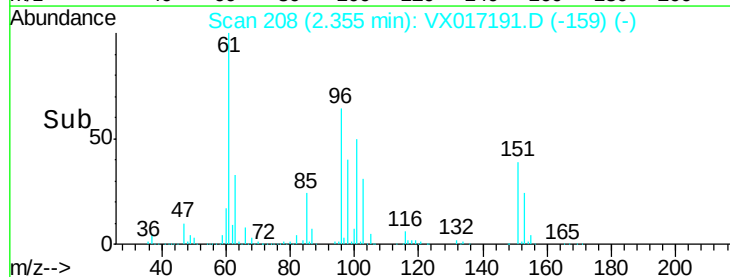
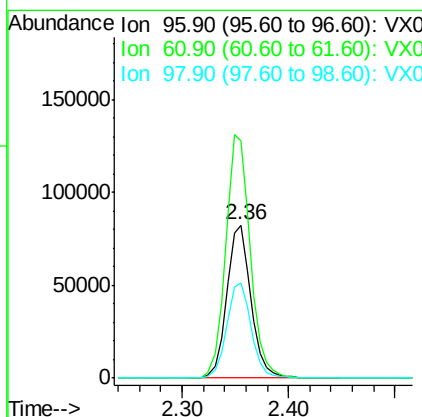
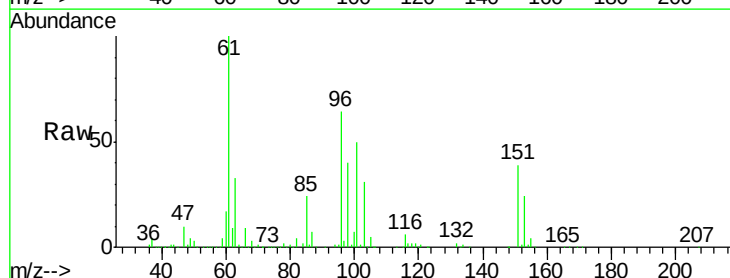
Manual Integrations
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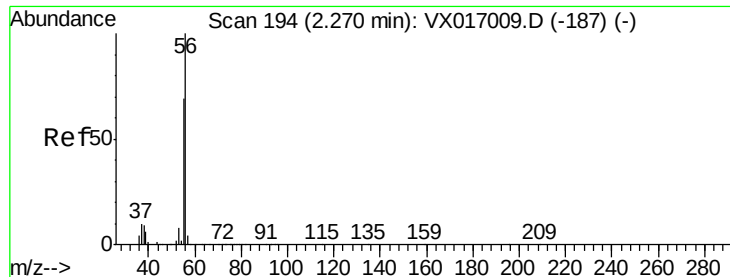
MMDadoda
7/8/2020 9:31:23 AM



#12
1,1-Dichloroethene
Concen: 42.092 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion: 96 Resp: 130868
Ion Ratio Lower Upper
96 100
61 155.4 126.3 189.5
98 62.6 51.0 76.6





#13

Acrolein

Concen: 360.396 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 159222

Ion Ratio Lower Upper

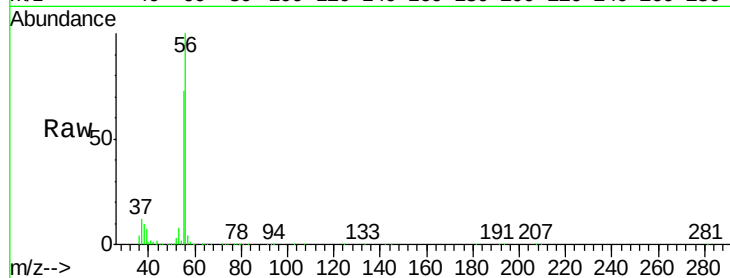
56 100

55 71.8 55.7 83.5

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

60000

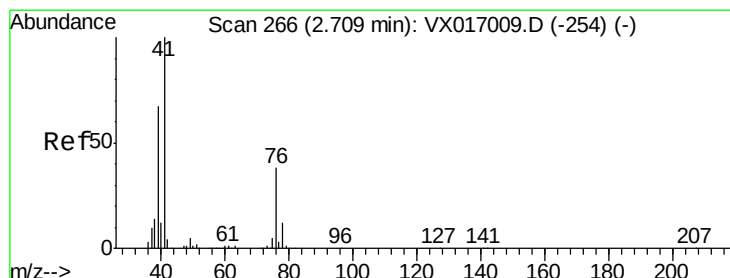
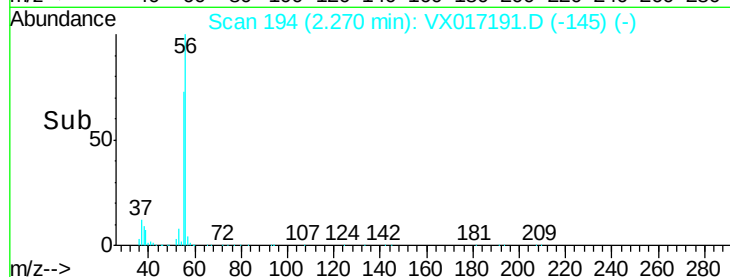
40000

20000

0

2.27

Time-->



#14

Allyl chloride

Concen: 41.182 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

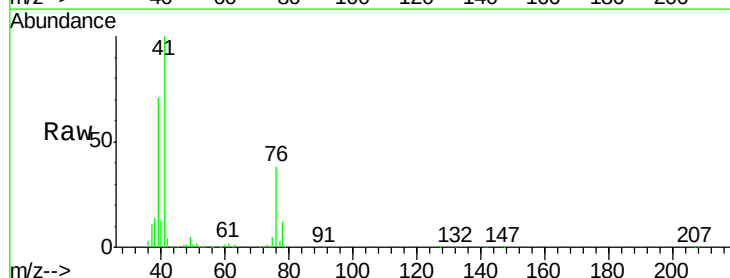
Tgt Ion: 41 Resp: 236626

Ion Ratio Lower Upper

41 100

39 64.9 49.4 74.2

76 34.1 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

250000

200000

150000

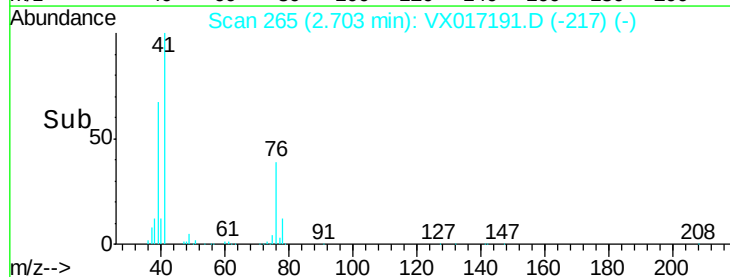
100000

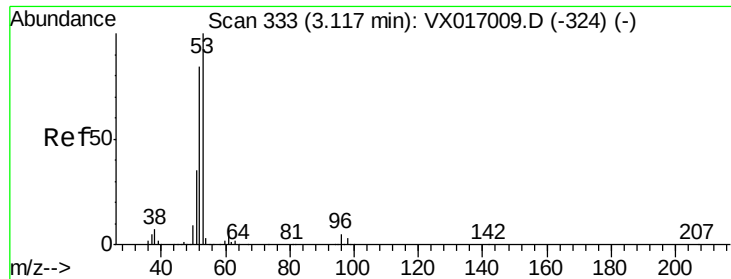
50000

0

2.70

Time-->





#15

Acrylonitrile

Concen: 206.226 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

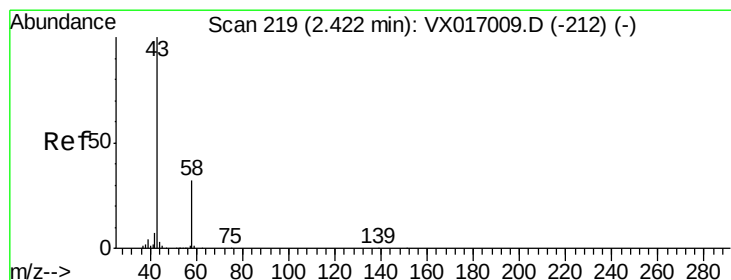
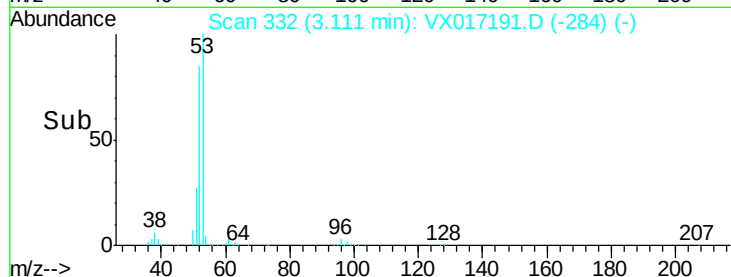
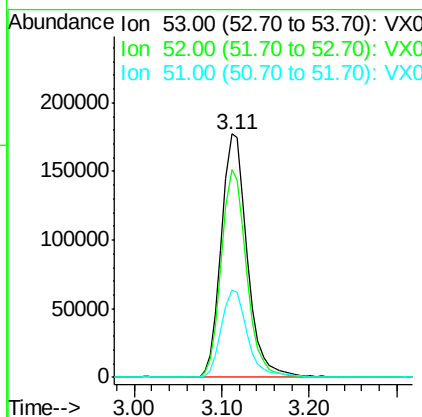
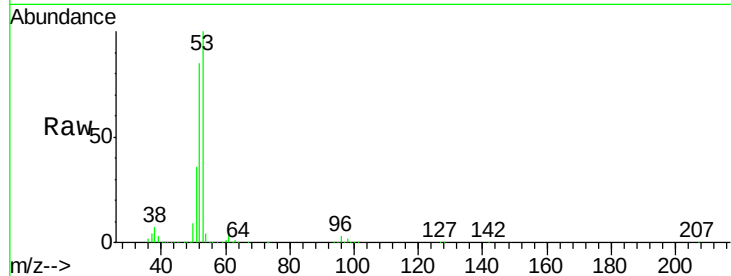
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	366397
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.6	98.4
51	36.7	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 213.125 ug/l

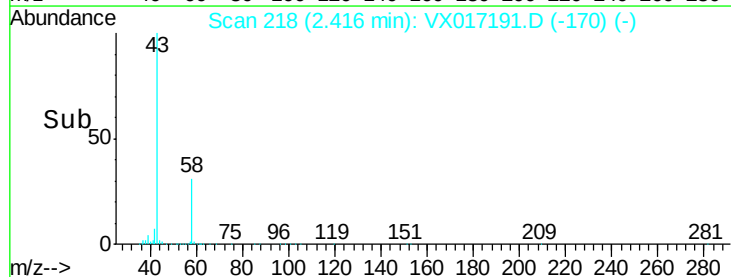
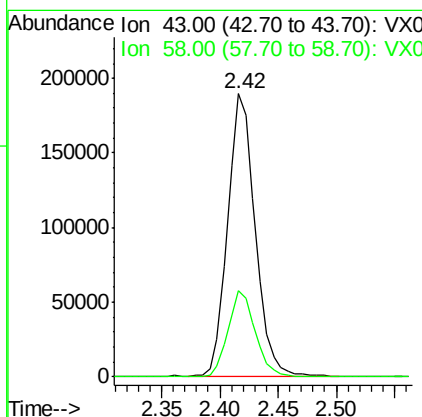
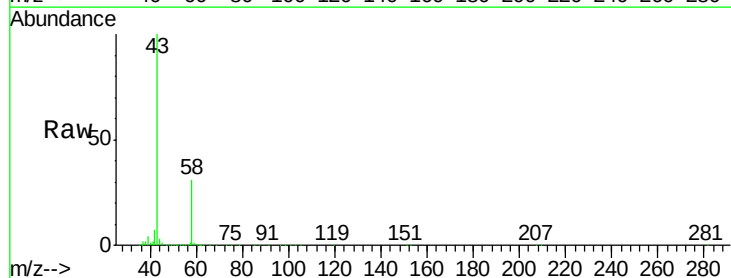
RT: 2.42 min Scan# 218

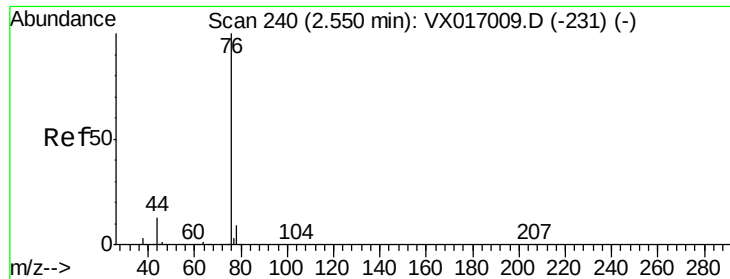
Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	43	Resp:	308875
Ion Ratio	Lower	Upper	
43	100		
58	30.6	25.7	38.5





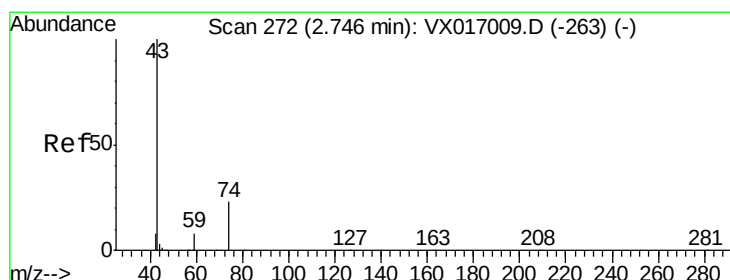
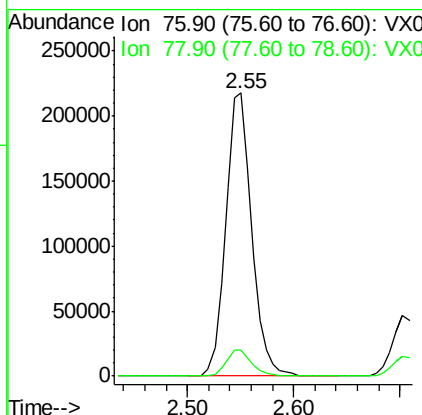
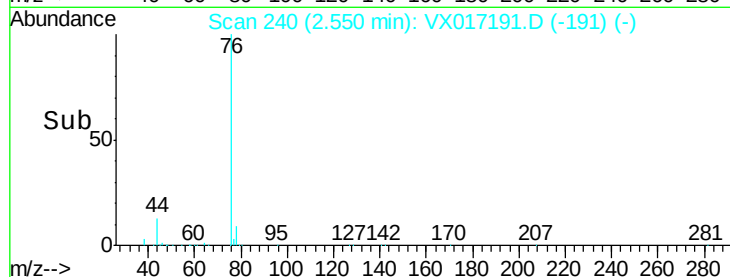
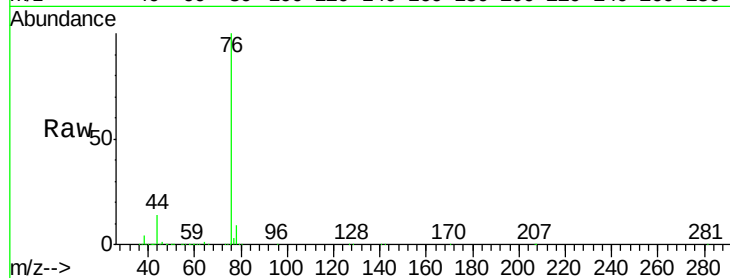
#17
Carbon Disulfide
Concen: 42.689 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

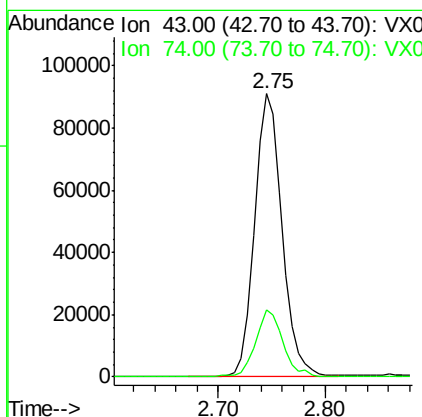
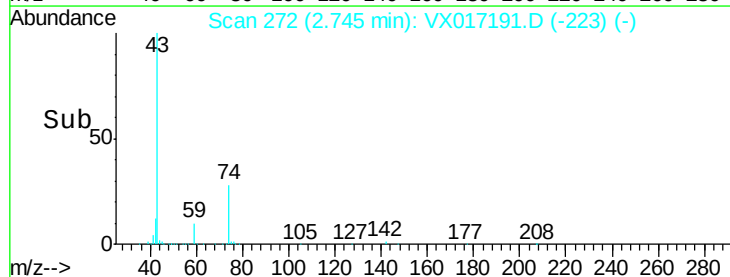
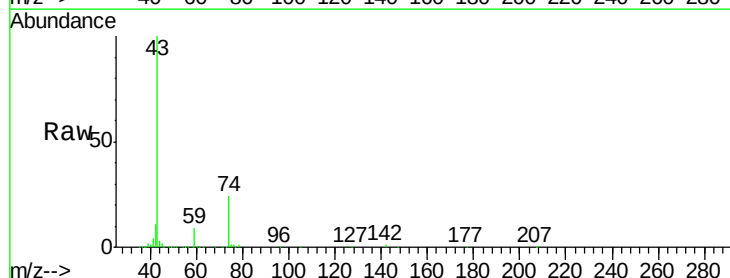
Manual Integrations
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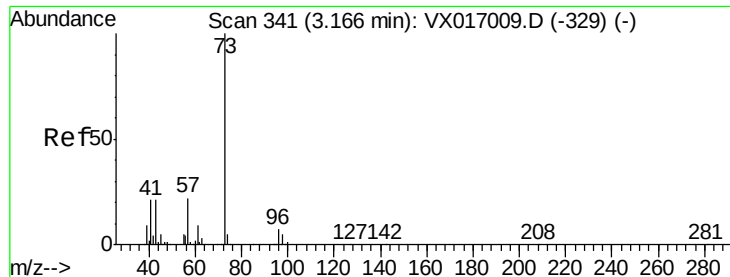
MMDadoda
7/8/2020 9:31:23 AM



#18
Methyl Acetate
Concen: 43.260 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.3	28.9





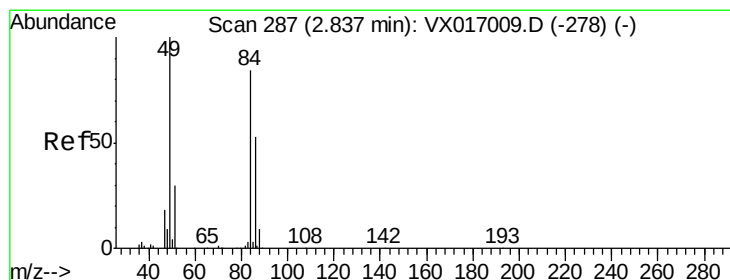
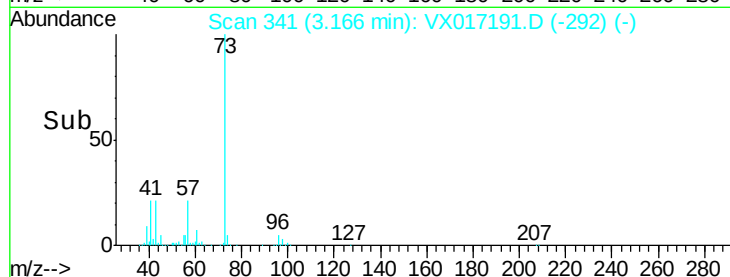
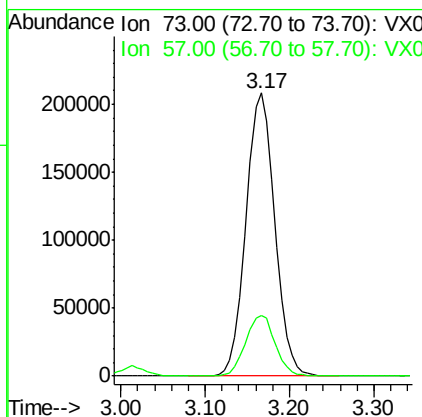
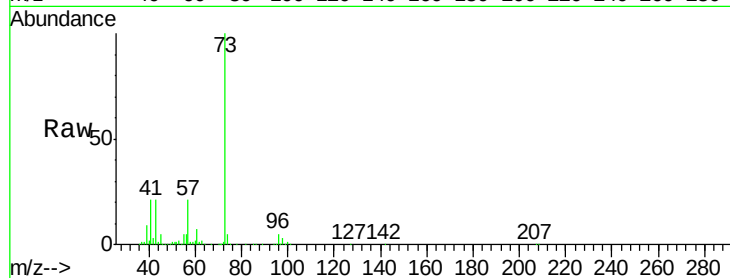
#19
Methyl tert-butyl Ether
Concen: 45.996 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.6	26.4

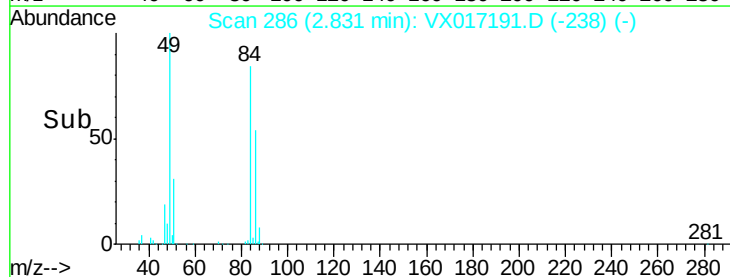
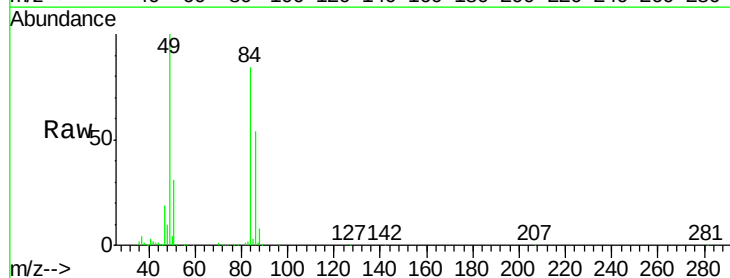
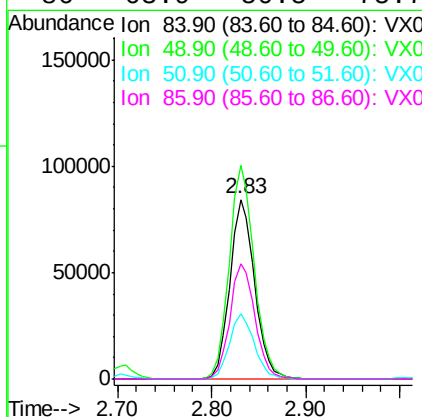
Manual Integrations
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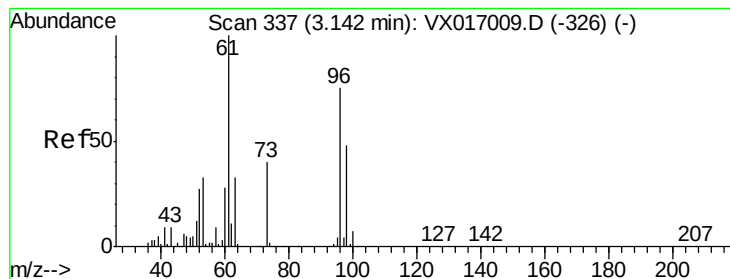
MMDadoda
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#20
Methylene Chloride
Concen: 46.269 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.1	94.7	142.1
51	36.4	28.6	42.8
86	63.9	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 44.734 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

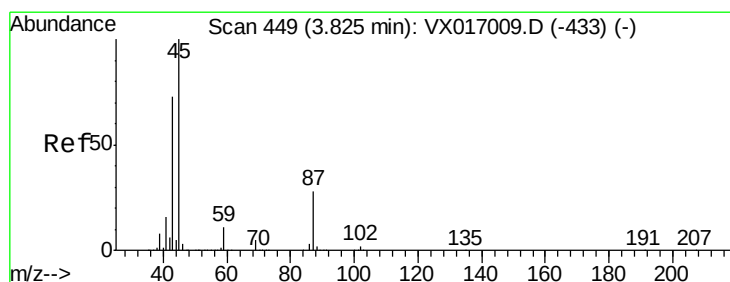
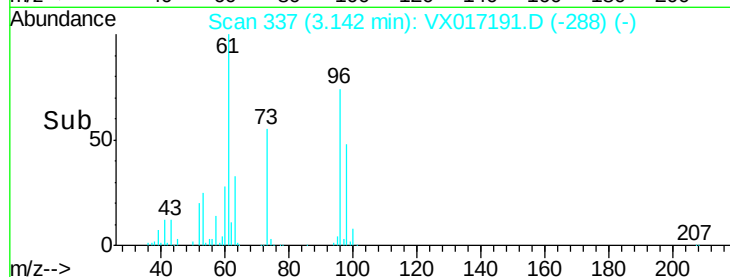
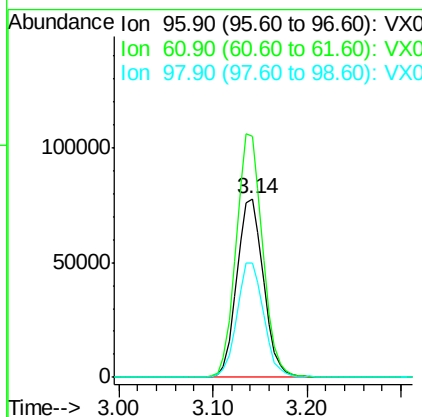
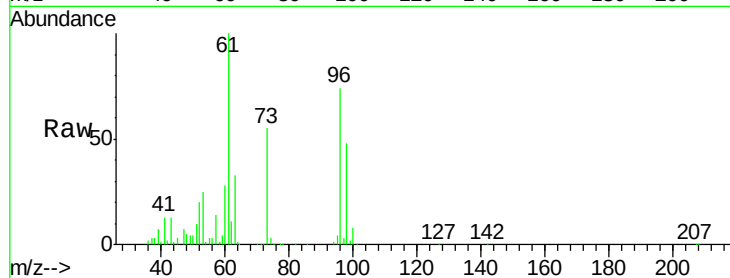
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	154344
Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.0	160.6
98	64.0	51.6	77.4

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#22

Diisopropyl ether

Concen: 44.617 ug/l

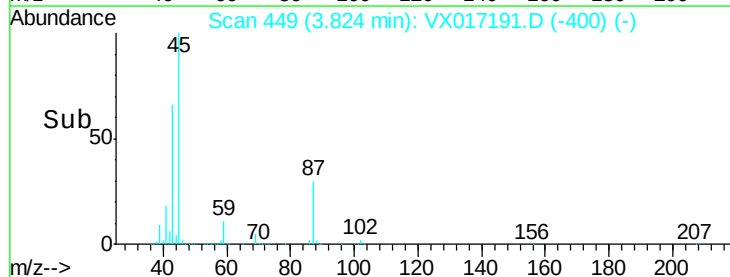
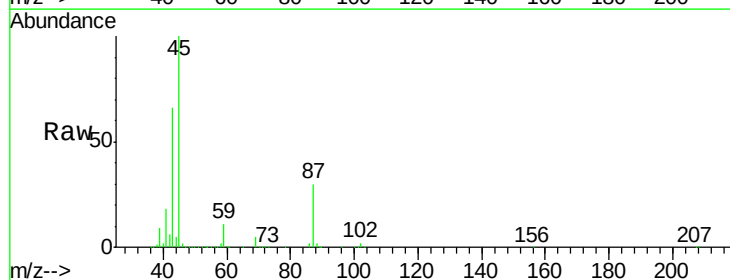
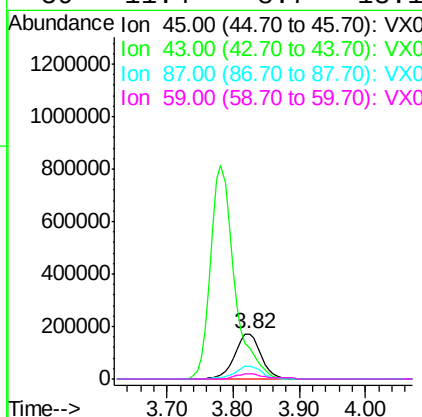
RT: 3.82 min Scan# 449

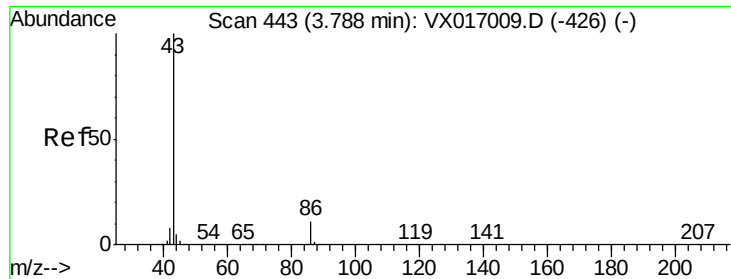
Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	45	Resp:	474479
Ion	Ratio	Lower	Upper
45	100		
43	66.1	58.6	88.0
87	29.6	22.6	34.0
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 223.327 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2040850

Ion Ratio Lower Upper

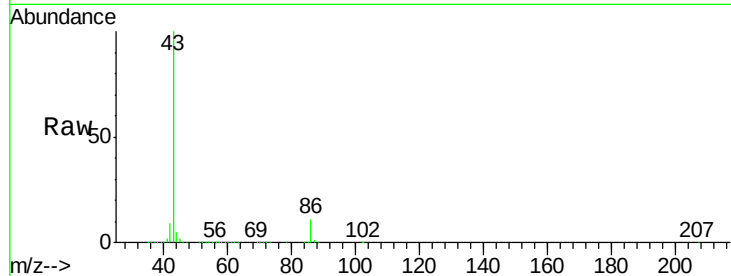
43 100

86 10.9 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

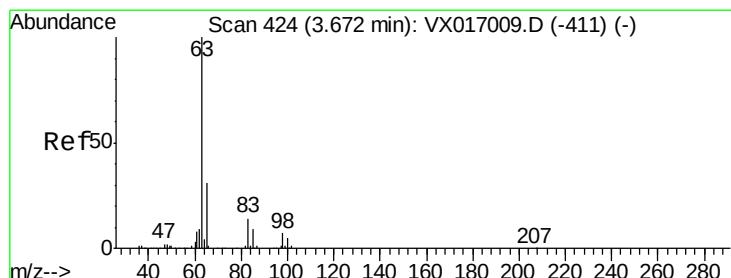
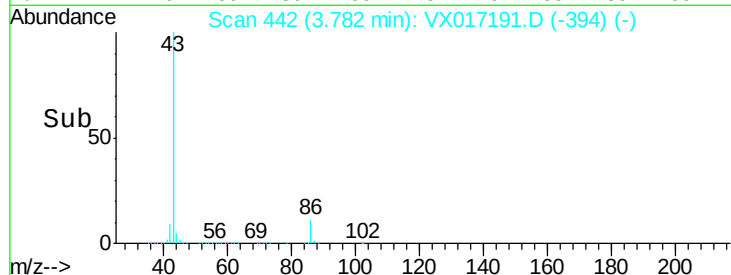
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.426 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

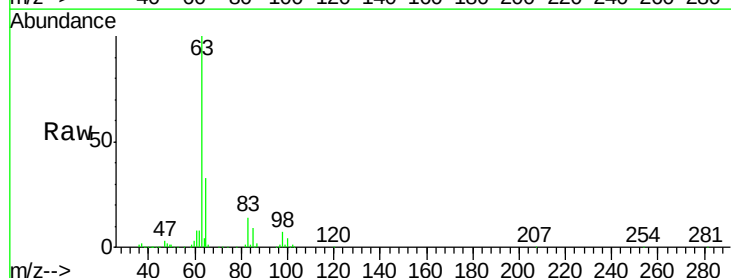
Tgt Ion: 63 Resp: 268819

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

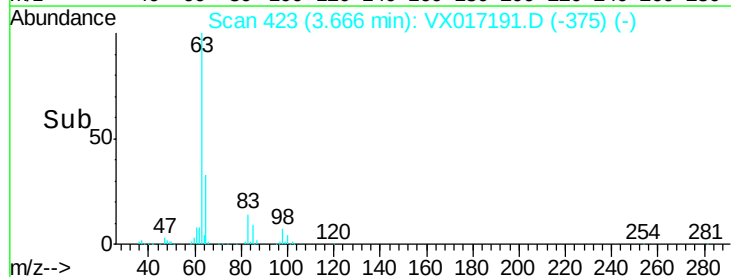
150000

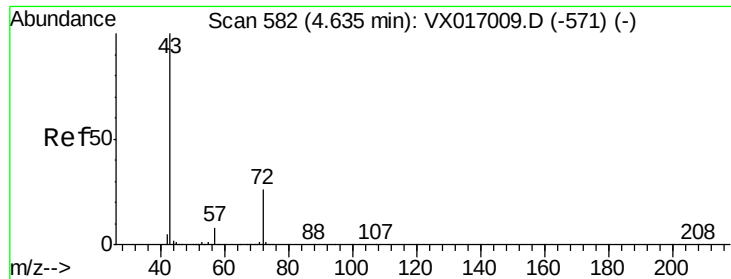
100000

50000

0

Time-->





#25

2-Butanone

Concen: 202.380 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 488717

Ion Ratio Lower Upper

43 100

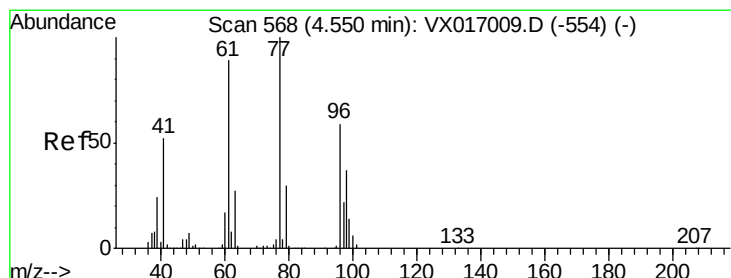
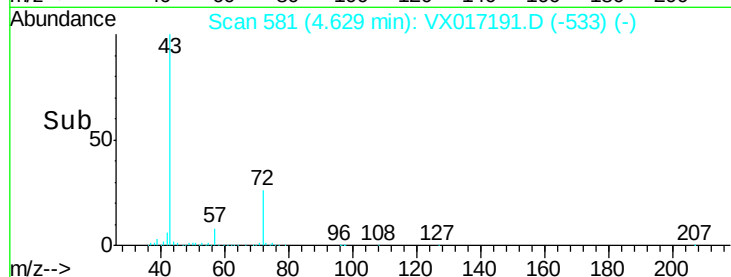
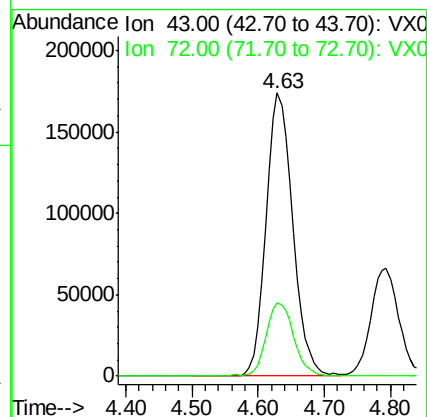
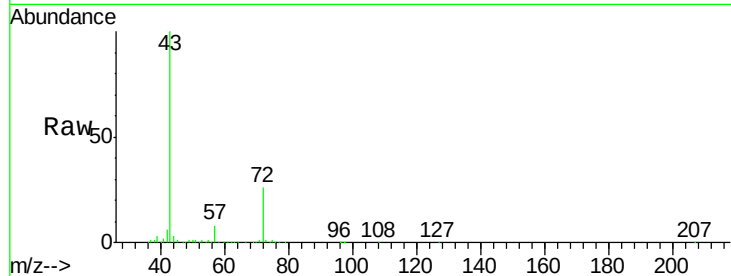
72 26.1 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.914 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017191.D

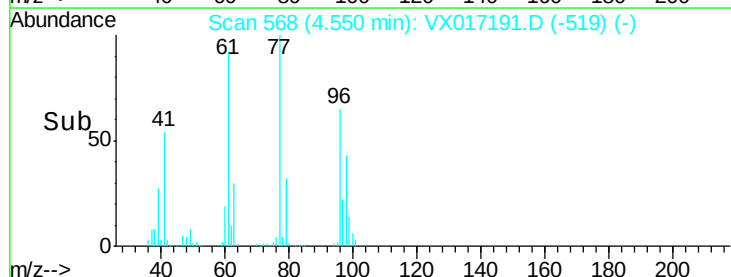
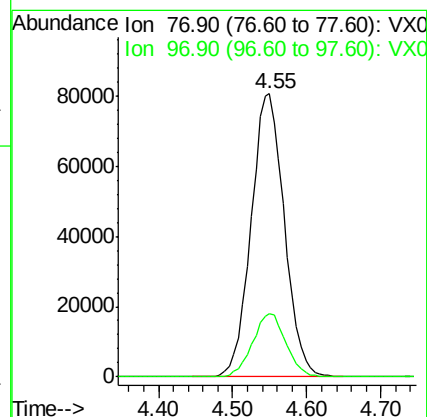
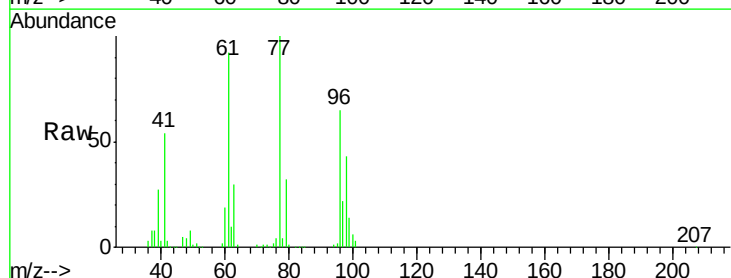
Acq: 07 Jul 2020 09:50

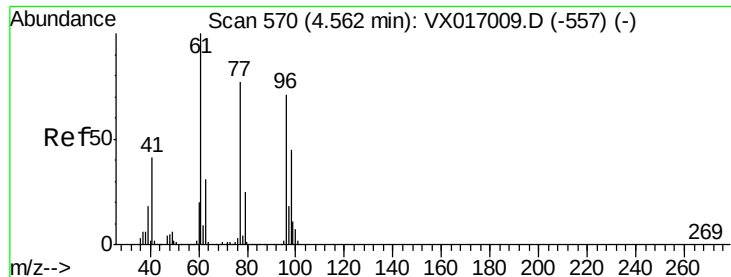
Tgt Ion: 77 Resp: 252058

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

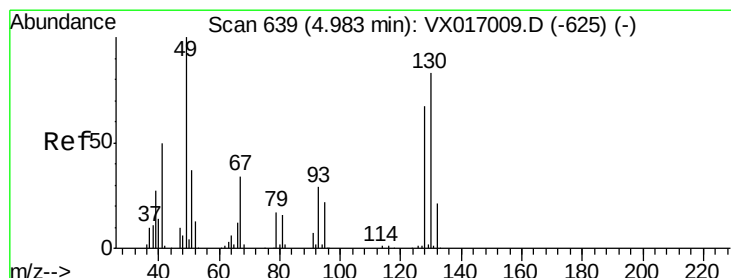
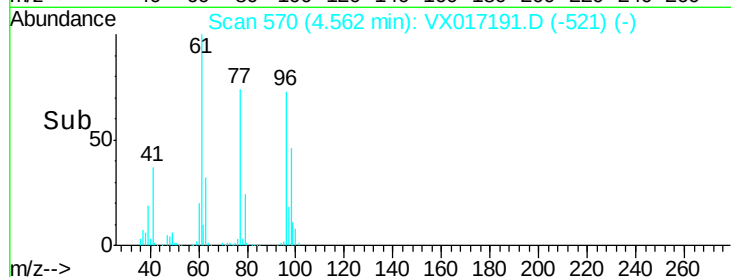
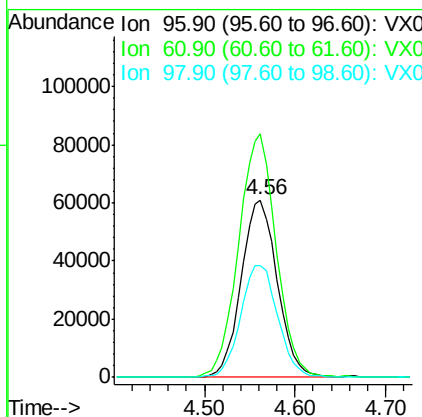
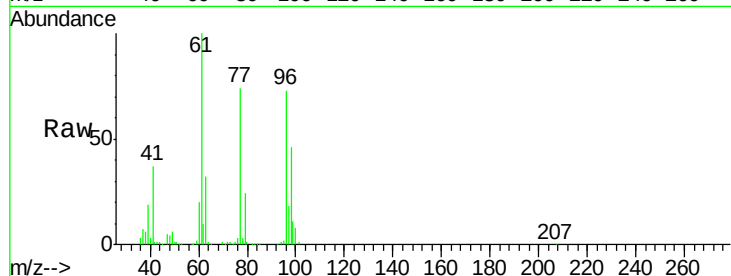
cis-1,2-Dichloroethene
Concen: 43.092 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	282.8
98	64.9	0.0	127.6

Manual Integrations
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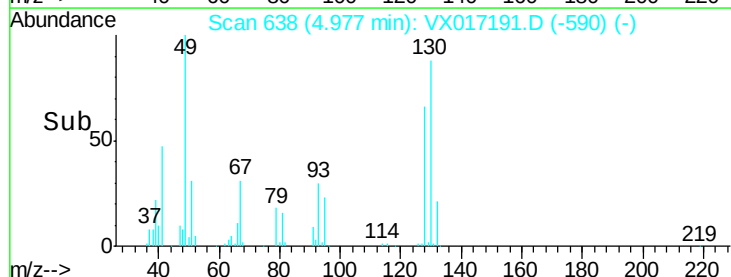
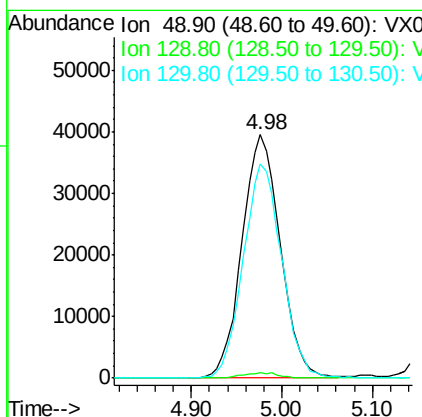
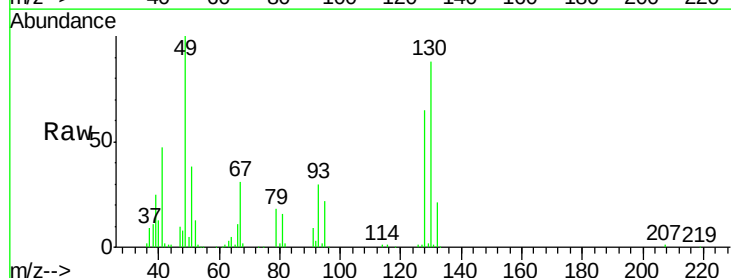
MMDadoda
7/8/2020 9:31:23 AM

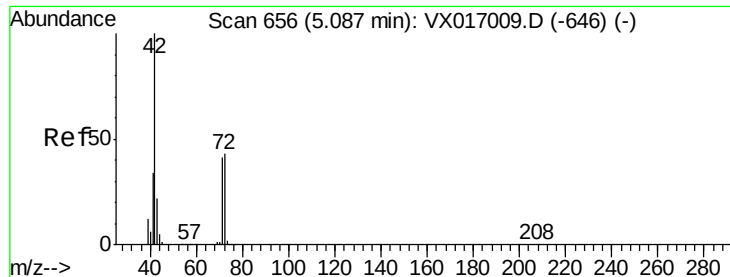


#28

Bromochloromethane
Concen: 39.264 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	88.7	66.6	100.0





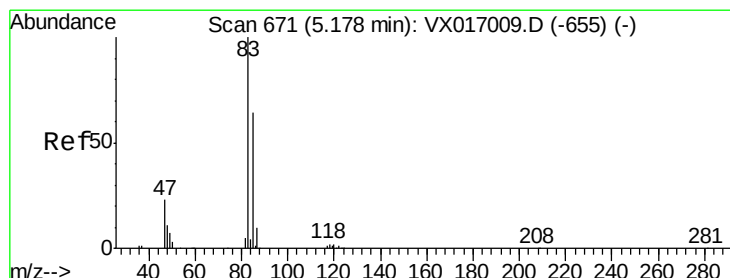
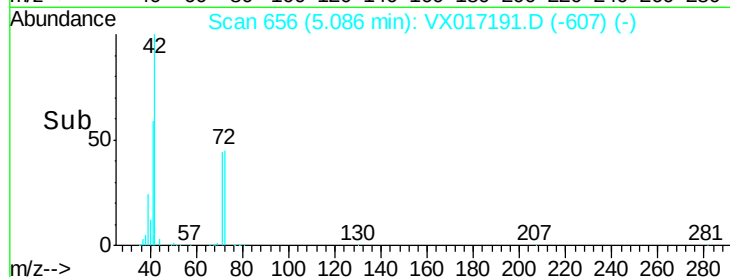
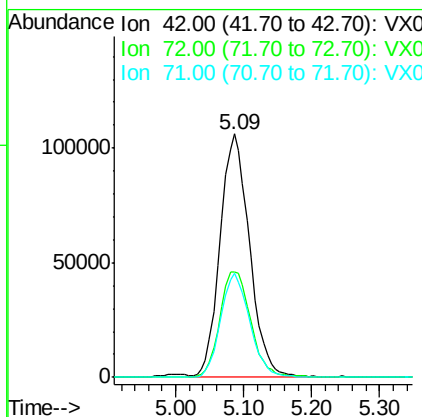
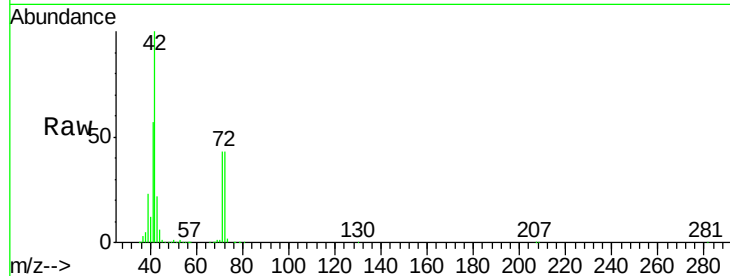
#29
Tetrahydrofuran
Concen: 199.152 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	35.3	52.9
71	42.4	33.1	49.7

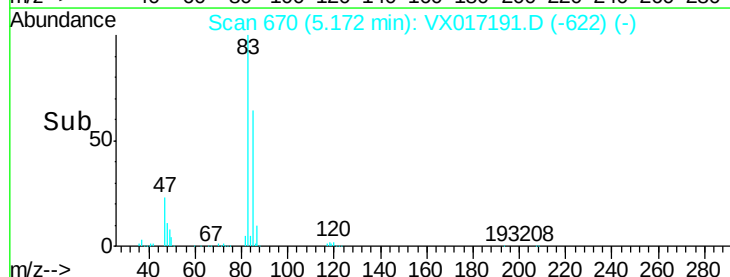
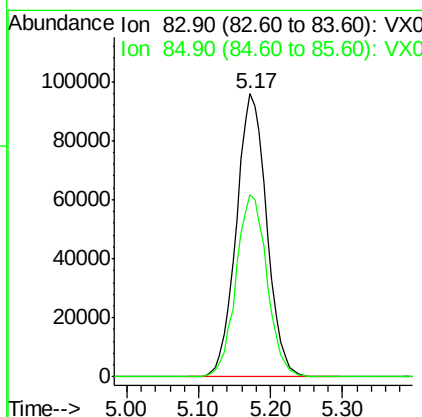
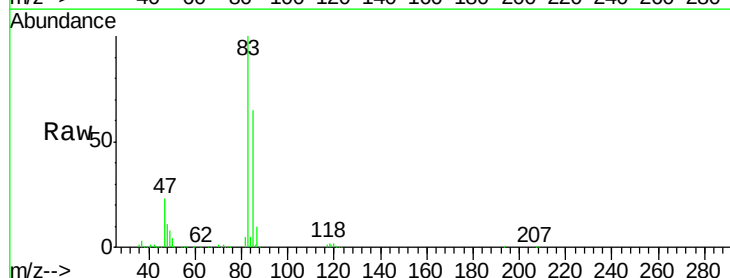
Manual Integrations
APPROVED

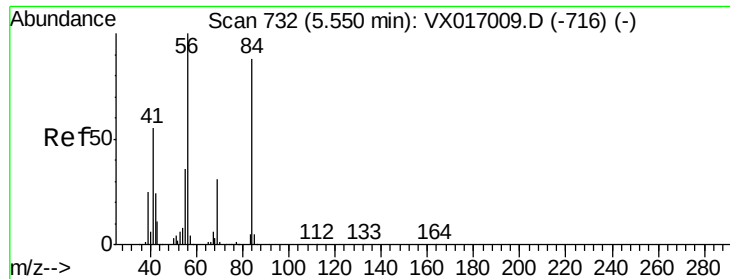
MMDadoda
7/8/2020 9:31:23 AM



#30
Chloroform
Concen: 45.340 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.2





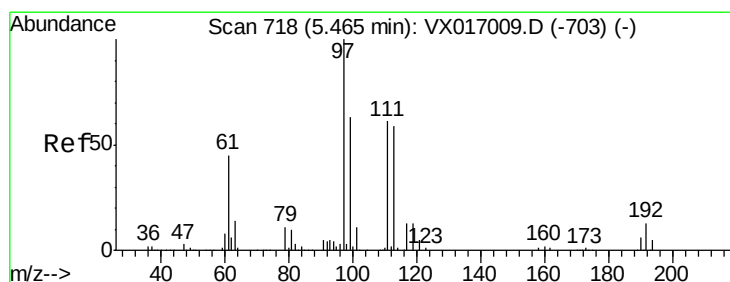
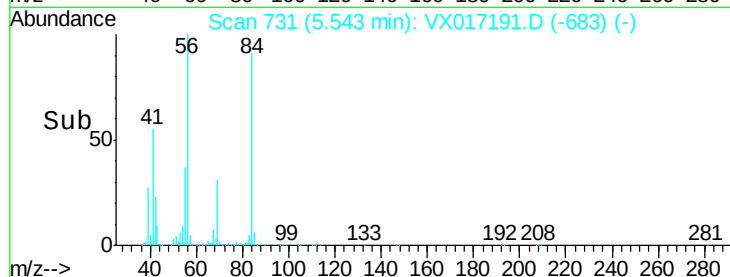
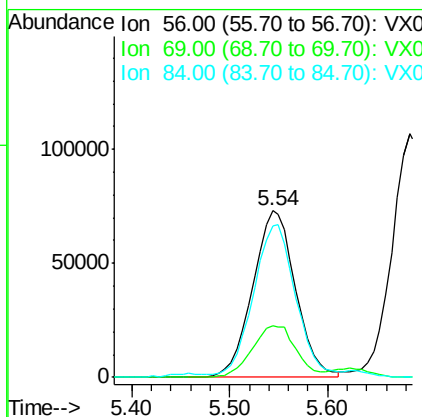
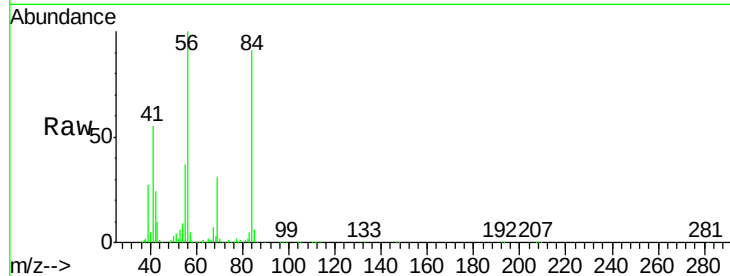
#31
Cyclohexane
Concen: 42.643 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.0	37.4
84	88.4	69.1	103.7

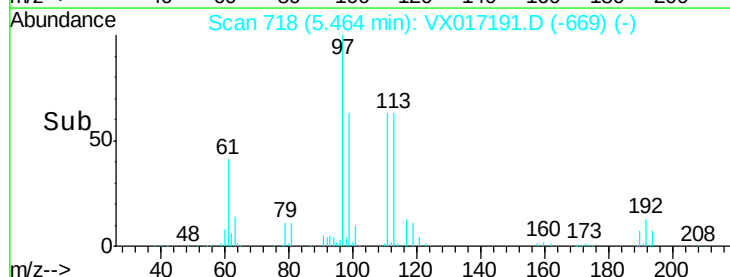
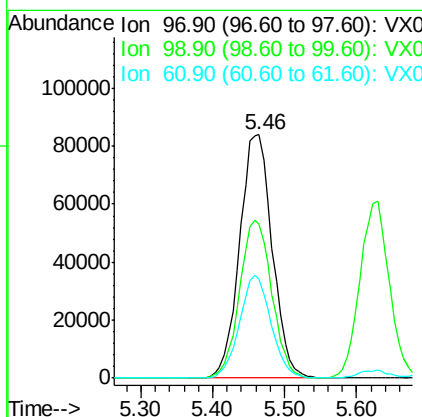
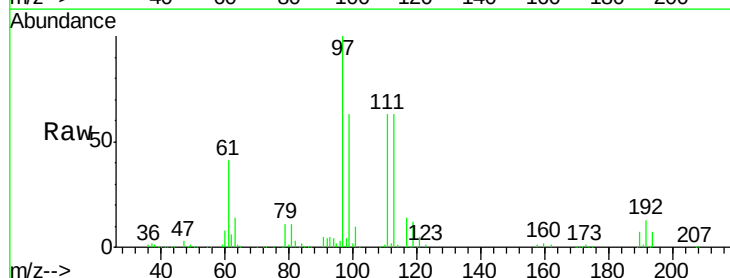
Manual Integrations
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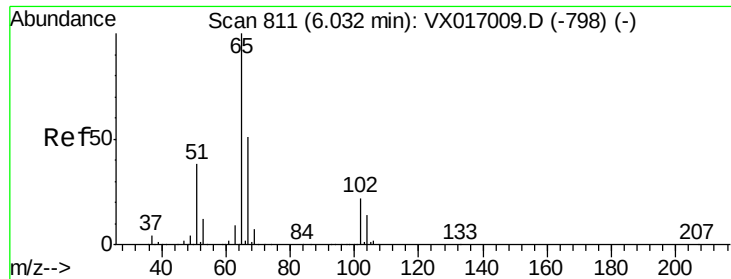
MMDadoda
7/8/2020 9:31:23 AM



#32
1,1,1-Trichloroethane
Concen: 46.229 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.8	76.2
61	41.0	33.7	50.5





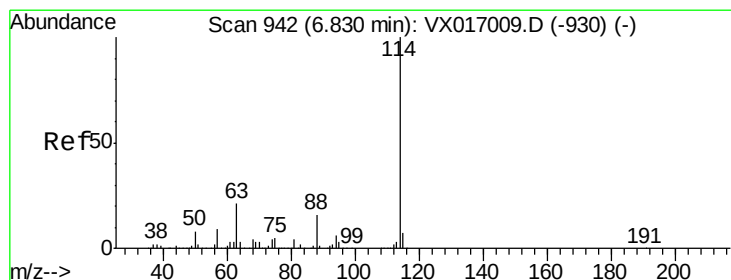
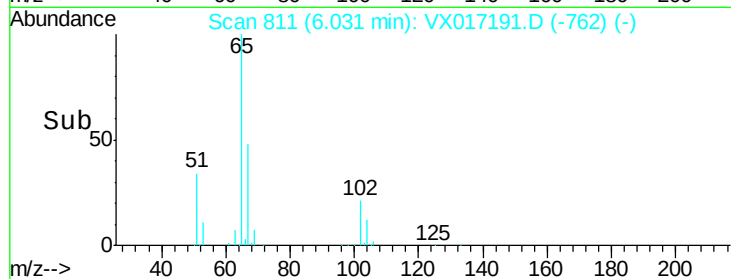
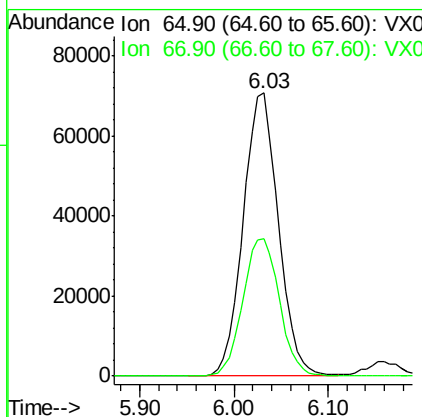
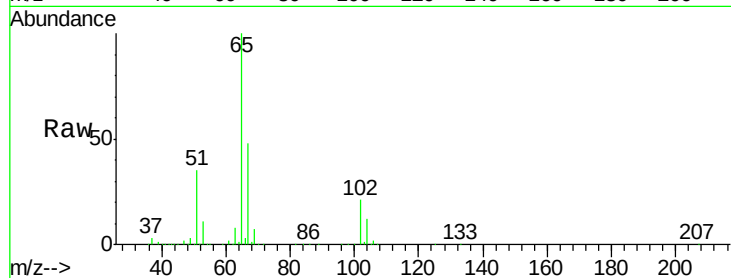
#33
 1,2-Dichloroethane-d4
 Concen: 47.641 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184565		
67	50.5	0.0	103.8	

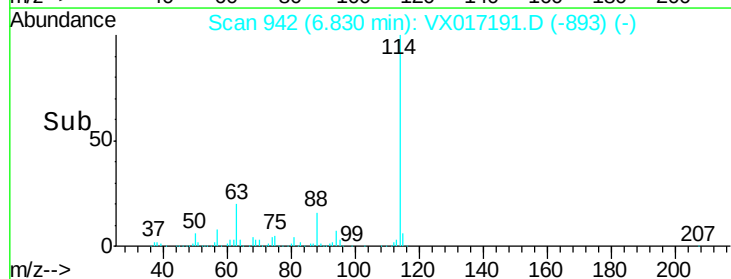
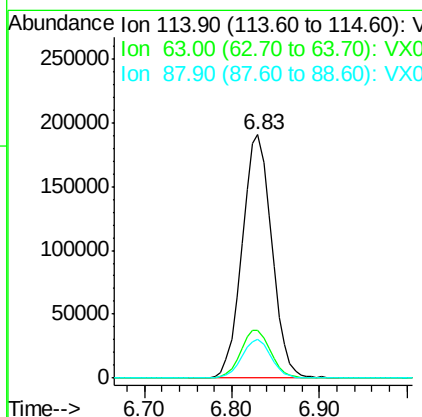
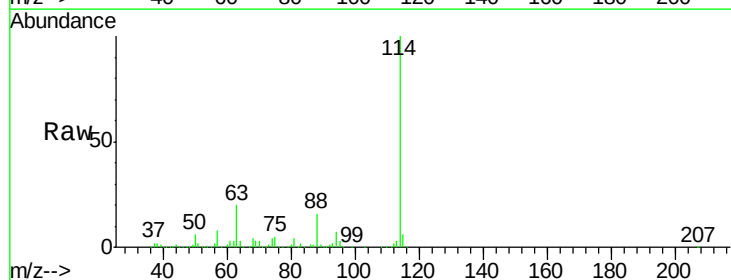
Manual Integrations
 APPROVED

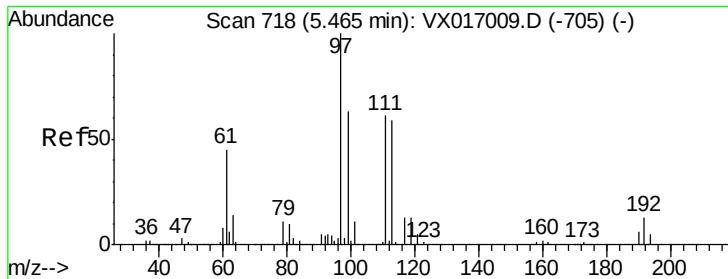
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 7/8/2020 9:31:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	448159		
63	19.5	0.0	41.4	
88	15.8	0.0	32.4	





#35

Dibromofluoromethane

Concen: 52.652 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

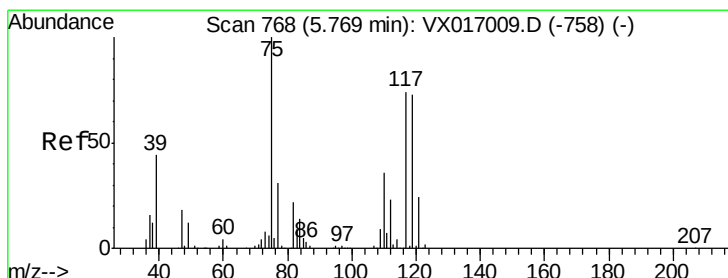
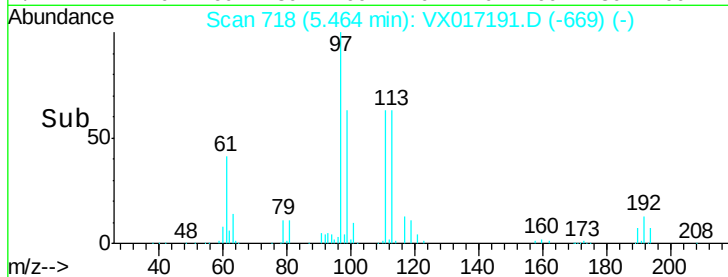
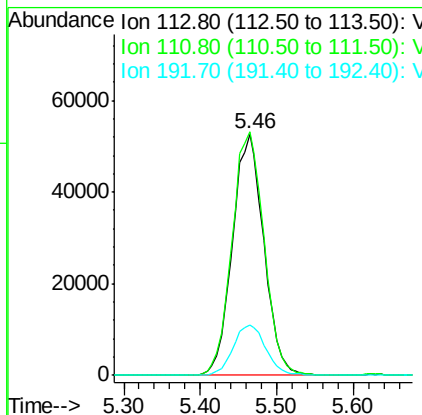
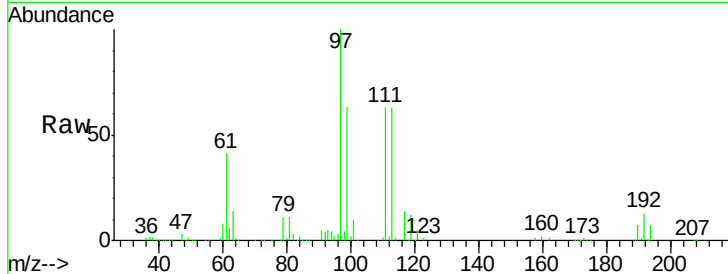
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	149265
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.9	122.9
192	21.7	16.7	25.1

Manual Integrations
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7/8/2020 9:31:23 AM



#36

1,1-Dichloropropene

Concen: 48.974 ug/l

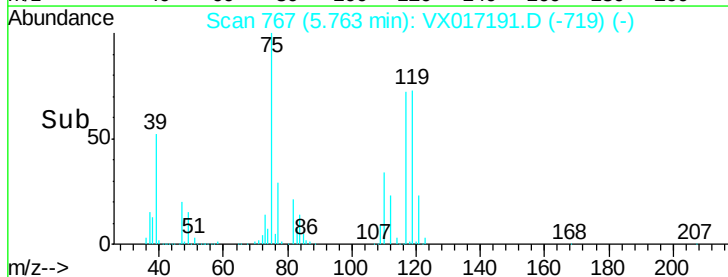
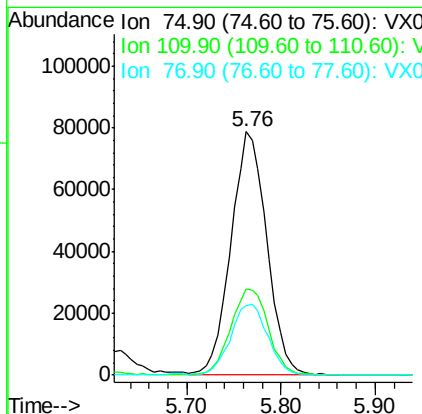
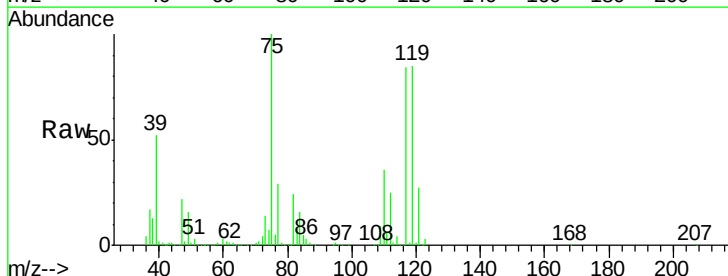
RT: 5.76 min Scan# 767

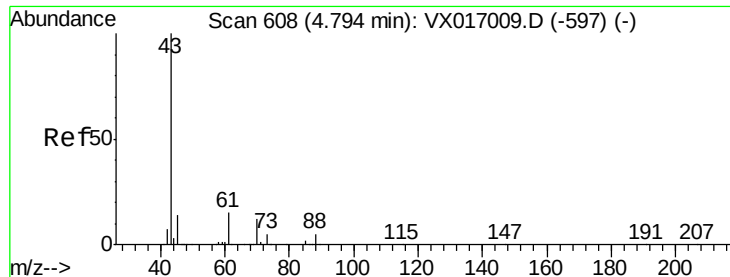
Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	75	Resp:	207438
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.1	54.1
77	30.3	24.6	37.0





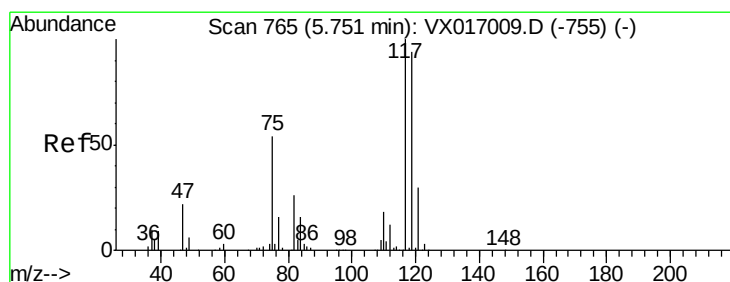
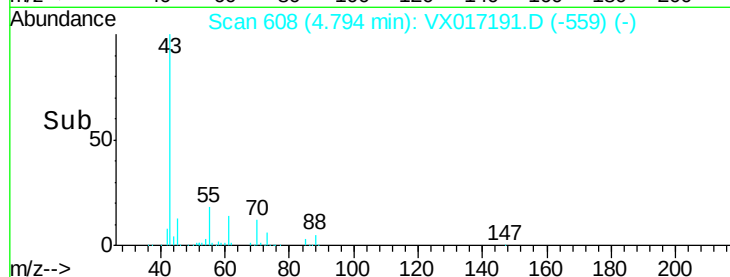
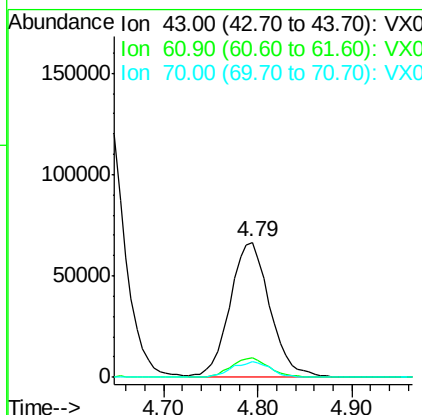
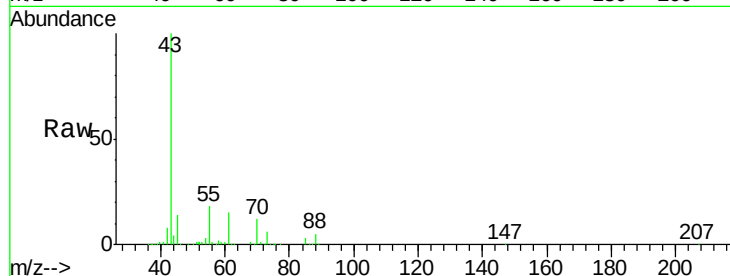
#37
Ethyl Acetate
Concen: 45.238 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	11.6	8.9	13.3

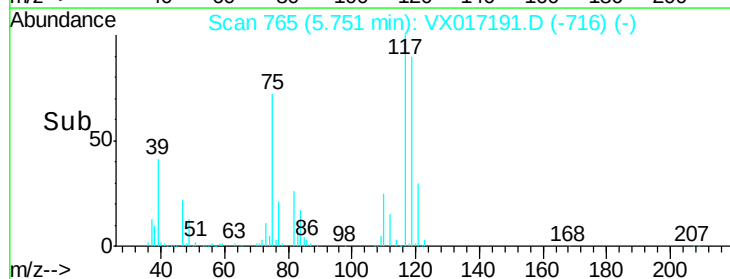
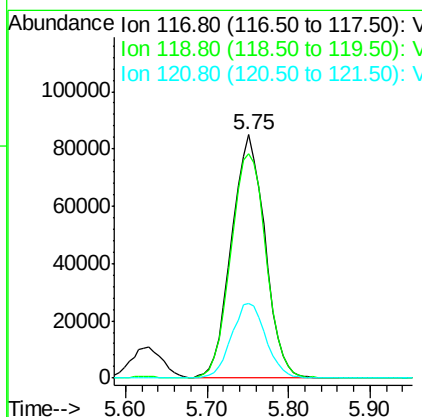
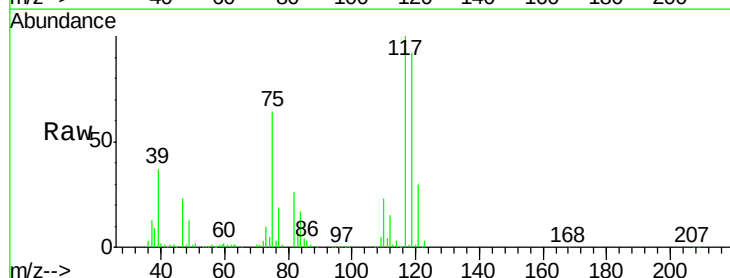
Manual Integrations
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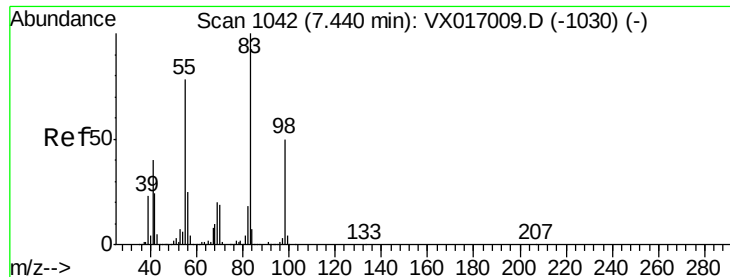
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#38
Carbon Tetrachloride
Concen: 51.943 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.4	113.0
121	30.5	23.8	35.6





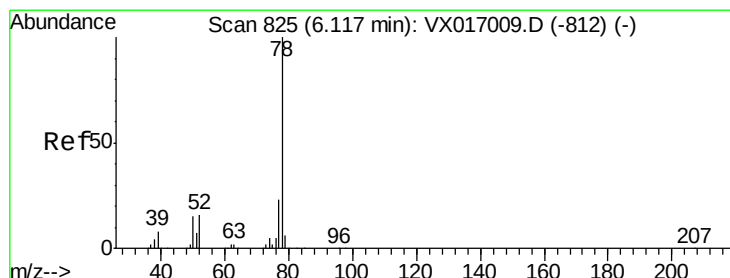
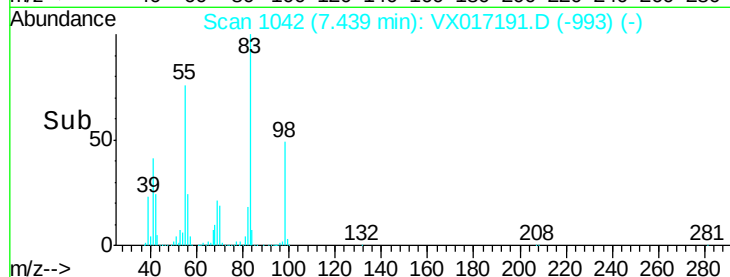
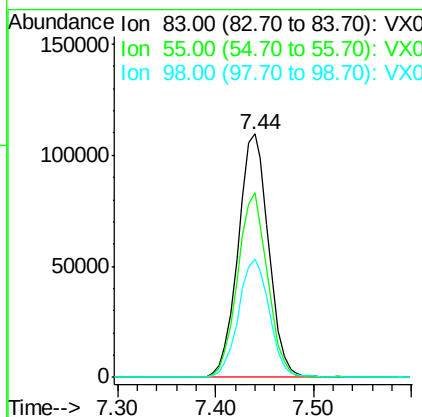
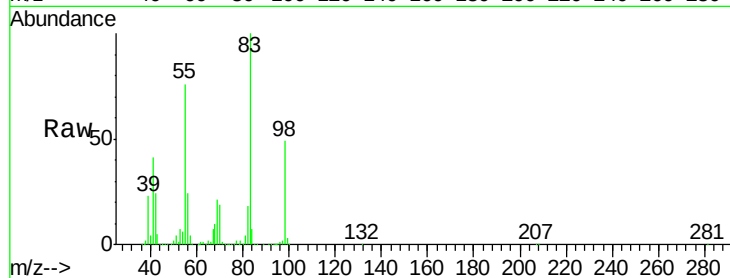
#39
Methylvlcyclohexane
Concen: 50.290 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	62.5	93.7
98	48.6	40.1	60.1

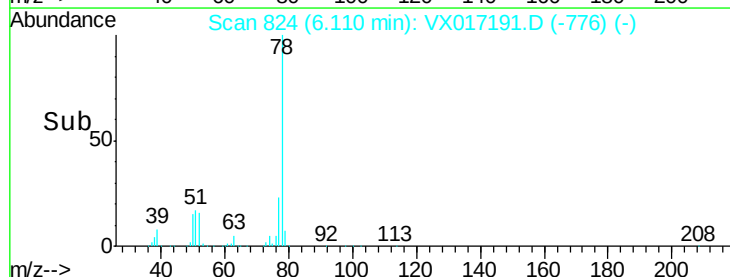
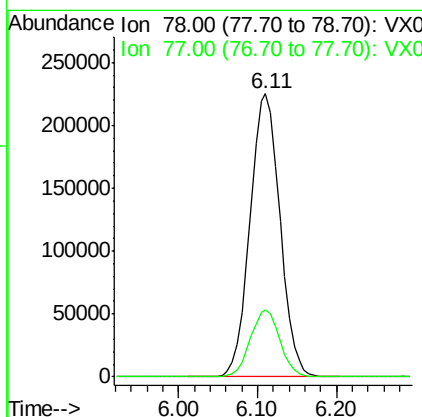
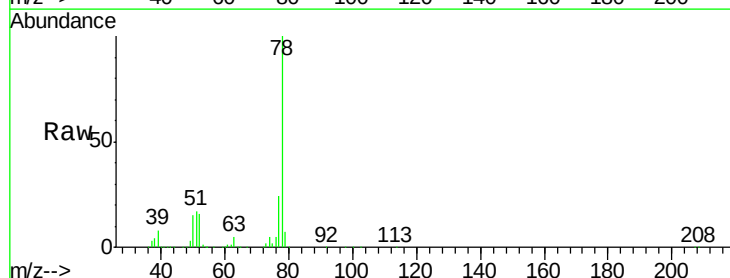
Manual Integrations
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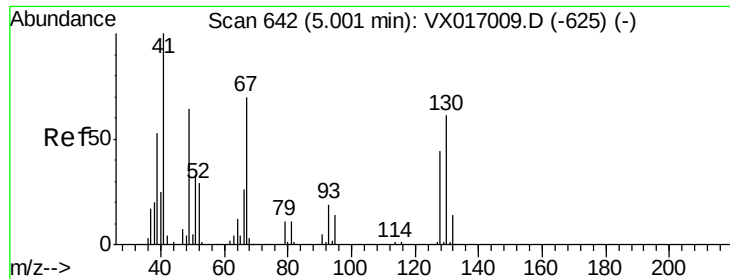
MMDadoda
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#40
Benzene
Concen: 47.827 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5





#41

Methacrylonitrile

Concen: 45.871 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 110950

Ion Ratio Lower Upper

41 100

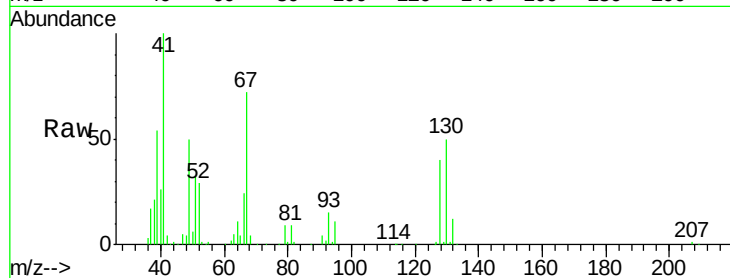
39 53.4 44.4 66.6

67 71.9 57.1 85.7

52 29.5 23.2 34.8

Manual Integrations
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7/8/2020 9:31:23 AM

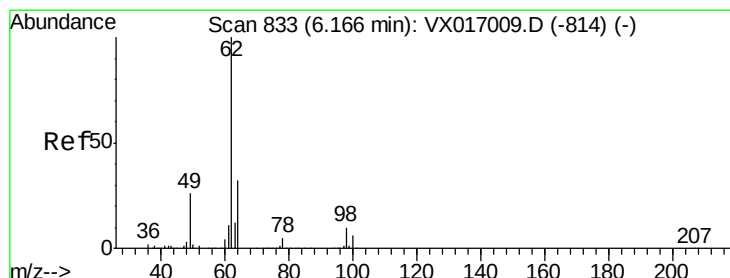
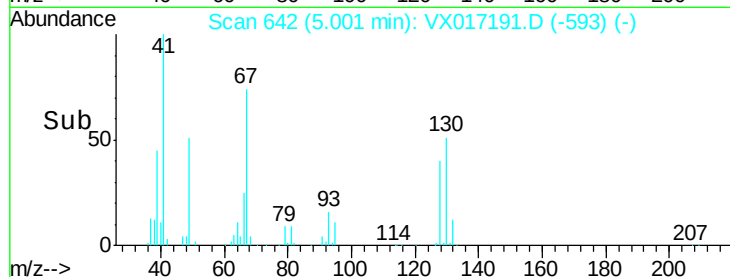
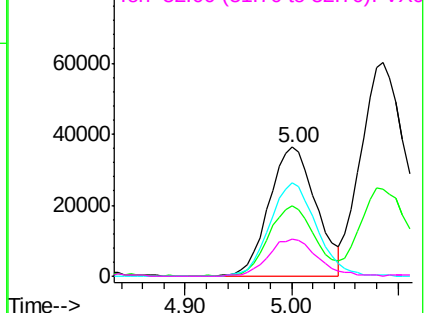


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.710 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017191.D

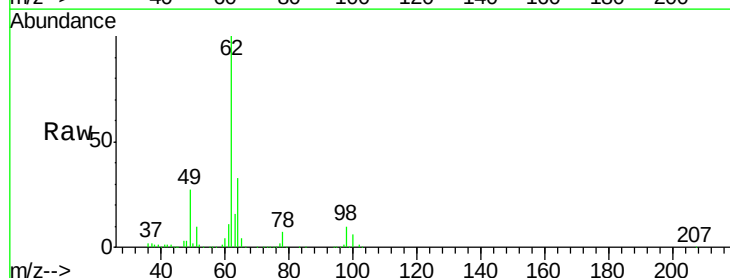
Acq: 07 Jul 2020 09:50

Tgt Ion: 62 Resp: 227954

Ion Ratio Lower Upper

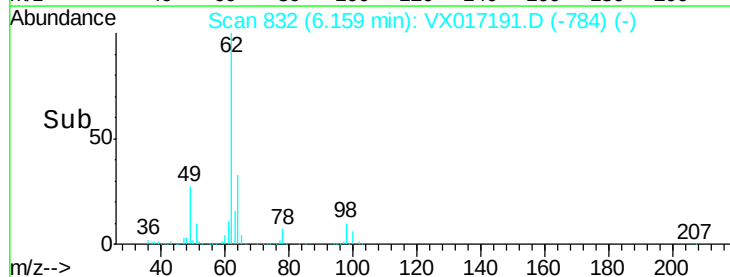
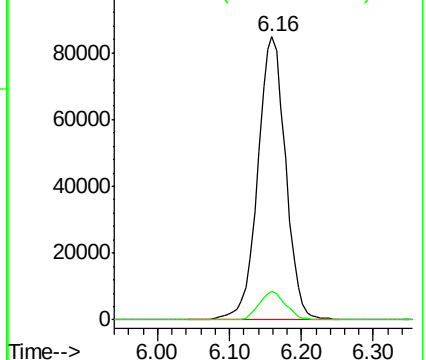
62 100

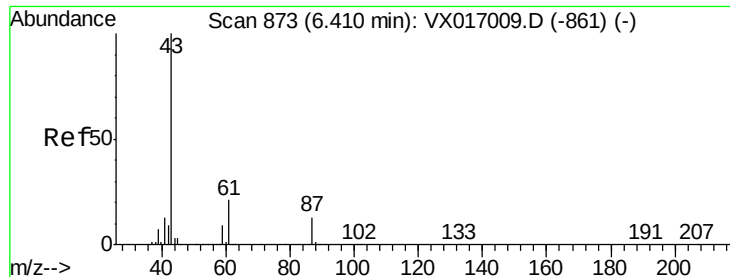
98 9.6 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 45.333 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

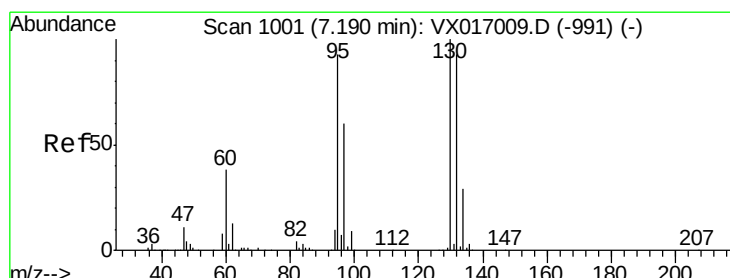
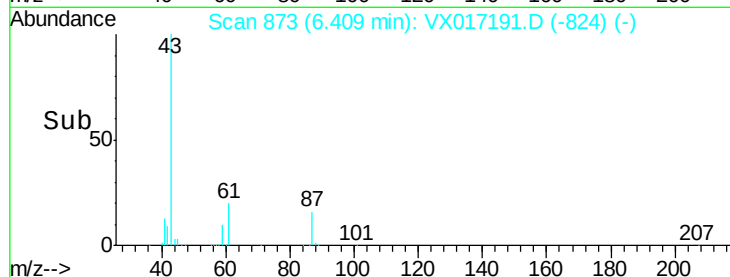
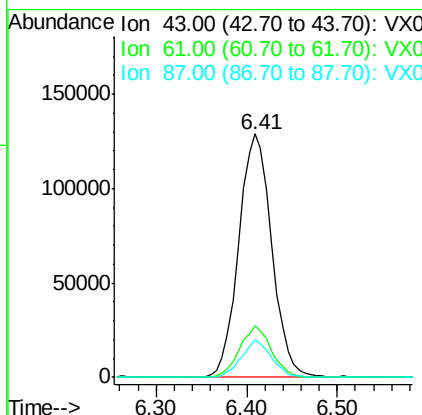
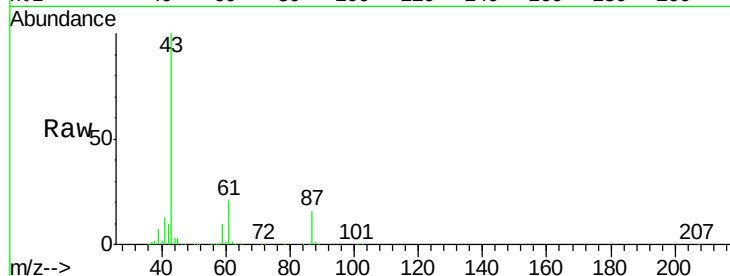
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	323736
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.2
87	14.3	10.7	16.1

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#44

Trichloroethene

Concen: 52.174 ug/l

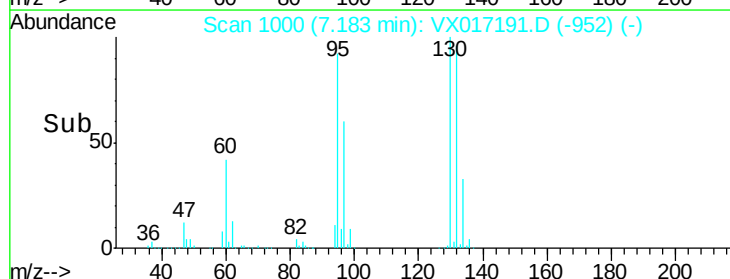
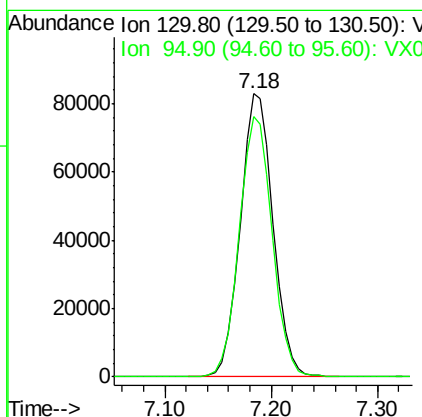
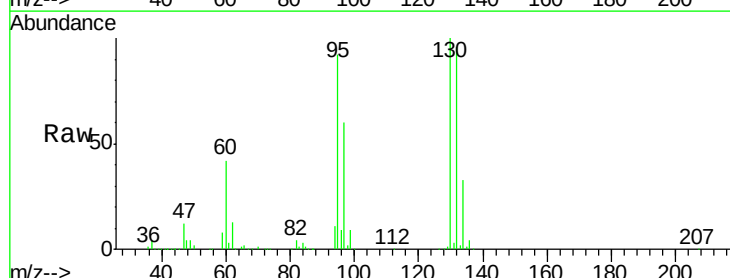
RT: 7.18 min Scan# 1000

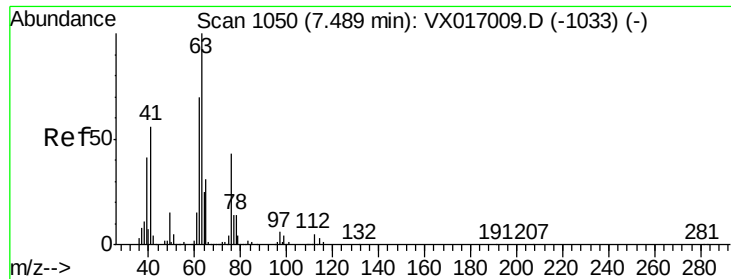
Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	130	Resp:	179130
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	185.0





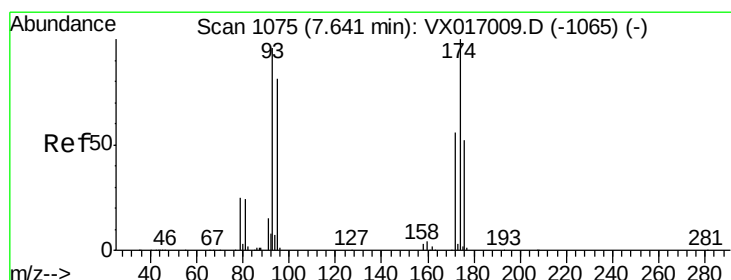
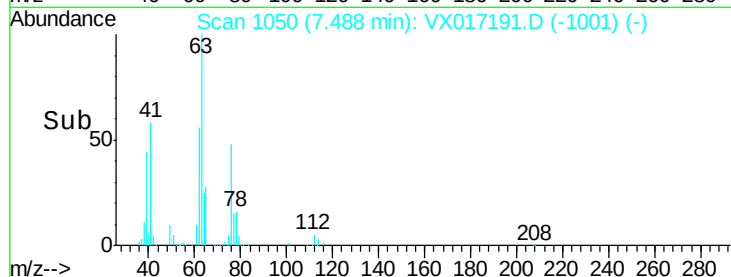
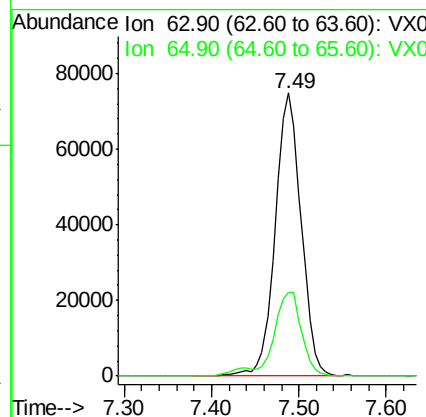
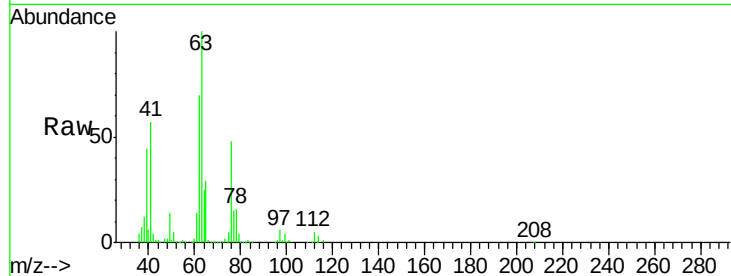
#45
 1,2-Dichloropropane
 Concen: 48.670 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.6	36.8

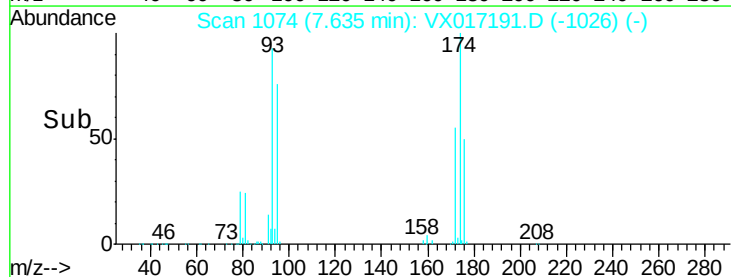
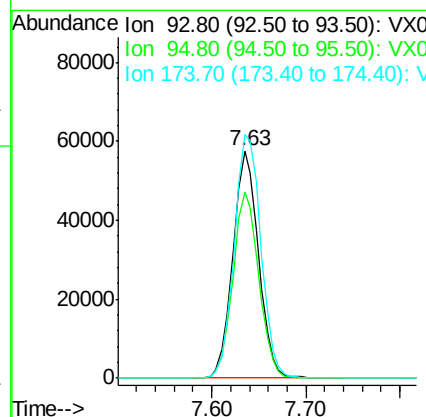
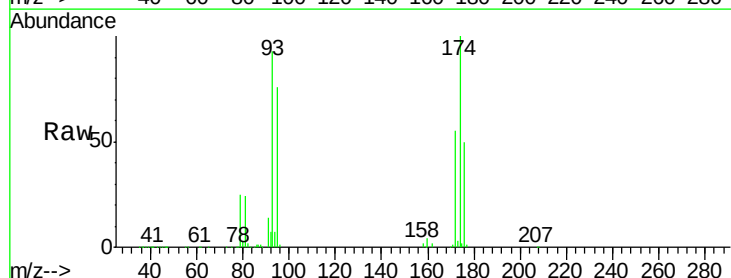
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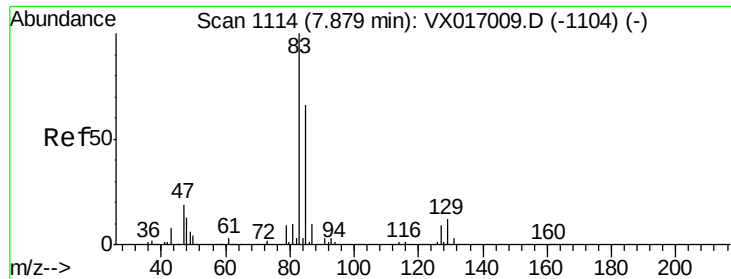
MMDadoda
 7/8/2020 9:31:23 AM



#46
 Dibromomethane
 Concen: 49.819 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.4	101.0
174	111.6	84.3	126.5





#47

Bromodichloromethane

Concen: 51.099 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

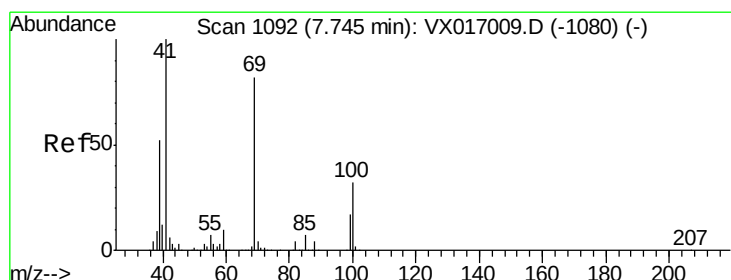
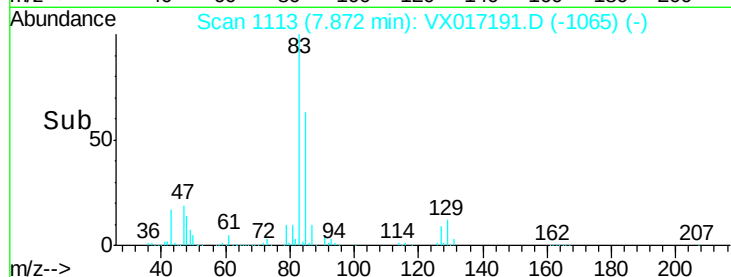
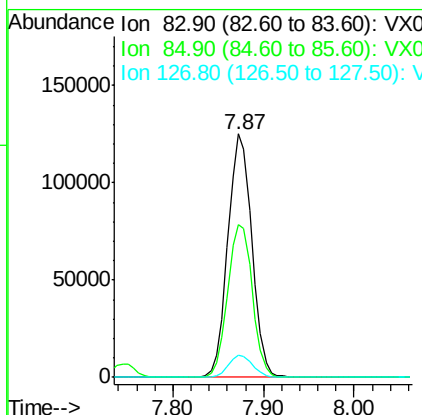
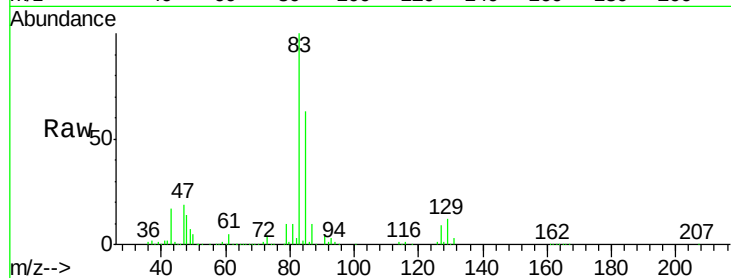
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	229806
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.0	79.4
127	9.2	7.5	11.3

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#48

Methyl methacrylate

Concen: 48.001 ug/l

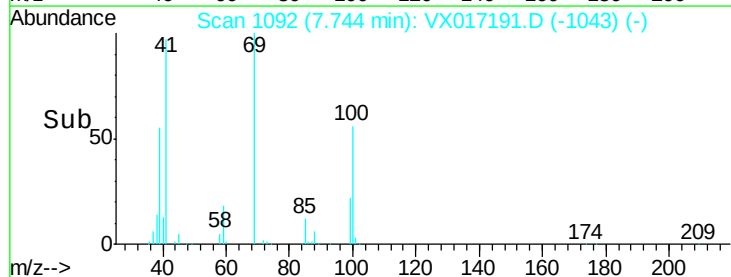
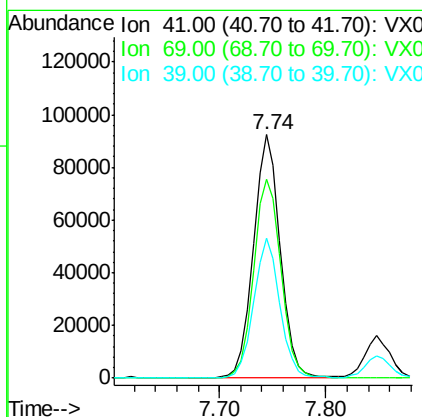
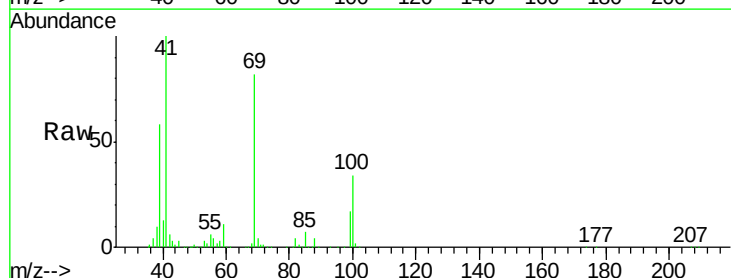
RT: 7.74 min Scan# 1092

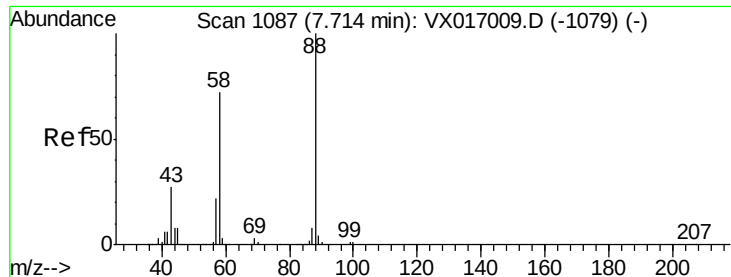
Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	41	Resp:	162855
Ion	Ratio	Lower	Upper
41	100		
69	83.6	65.8	98.8
39	55.9	42.5	63.7





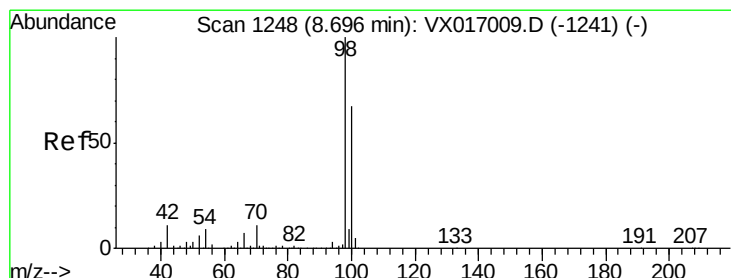
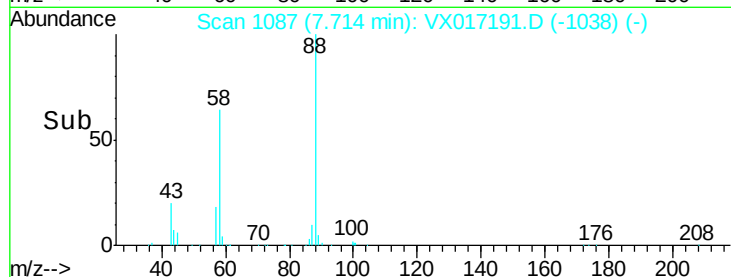
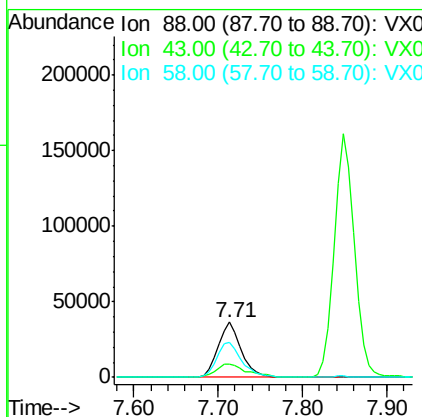
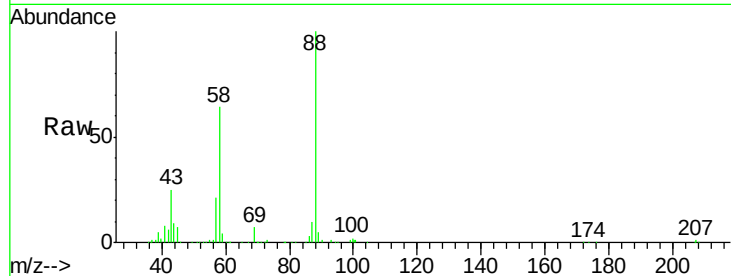
#49
1,4-Dioxane
Concen: 893.677 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.8	38.8
58	69.3	54.8	82.2

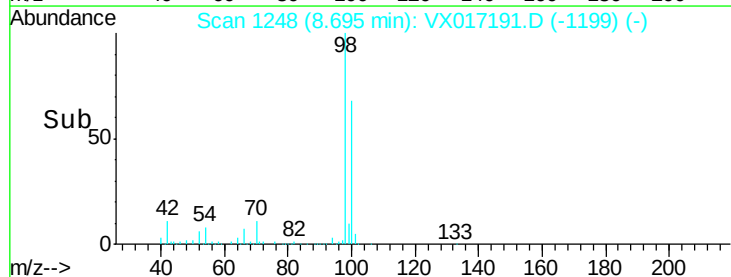
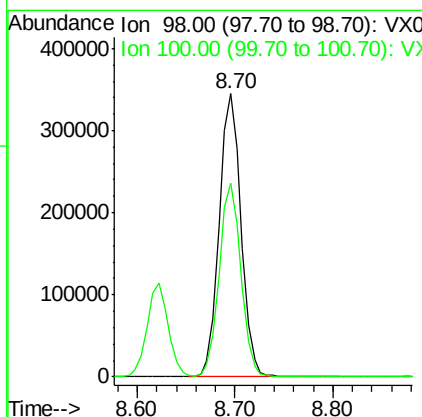
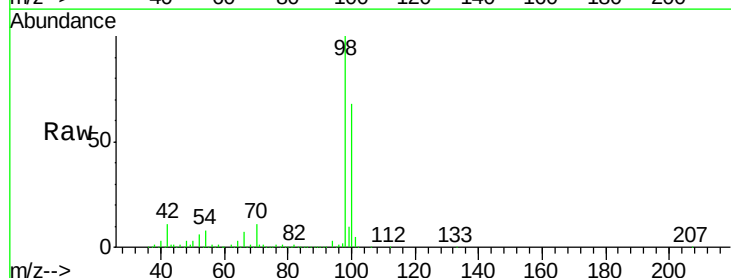
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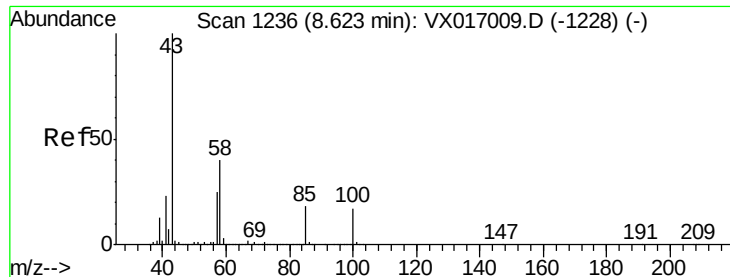
MMDadoda
7/8/2020 9:31:23 AM



#50
Toluene-d8
Concen: 50.785 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.8	80.6





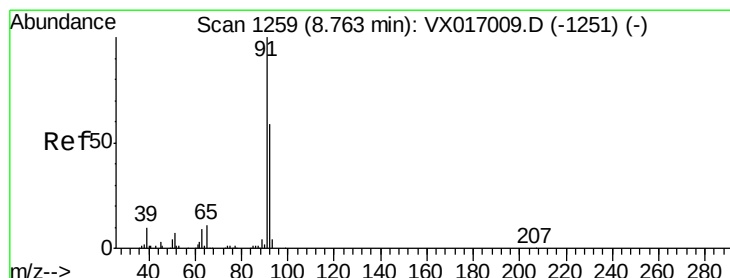
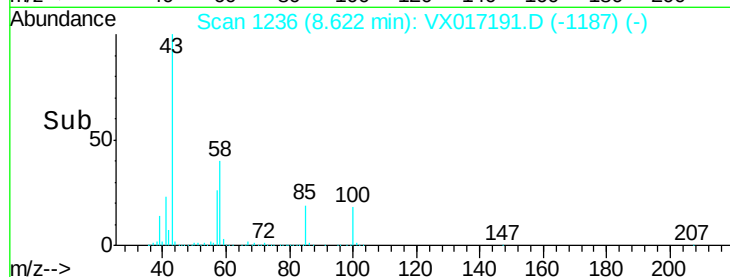
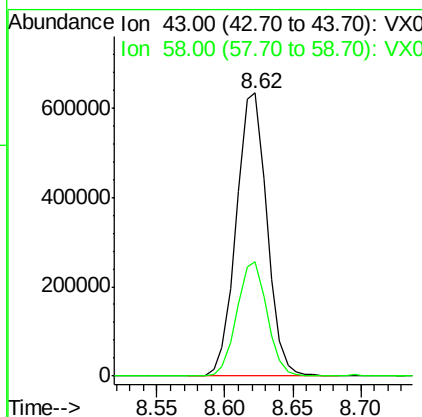
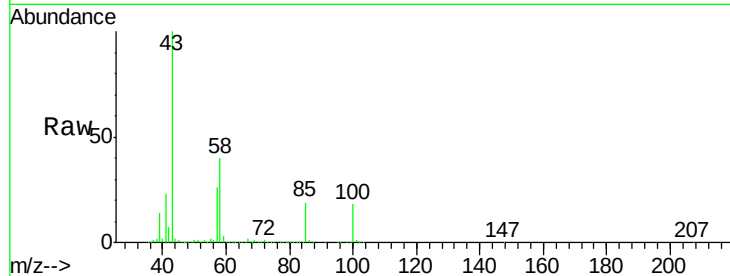
#51
4-Methyl-2-Pentanone
Concen: 233.972 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.9	47.9

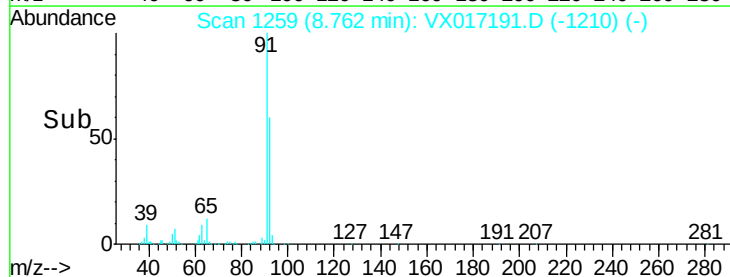
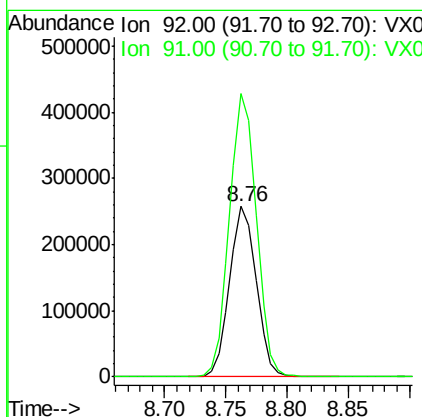
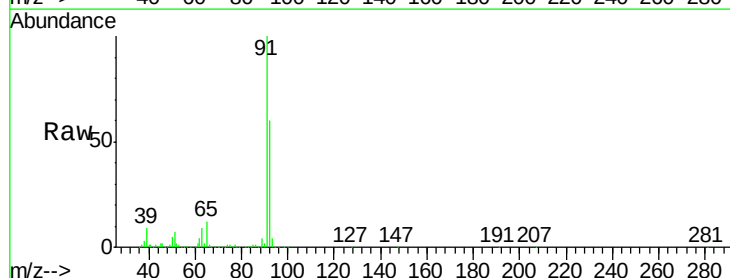
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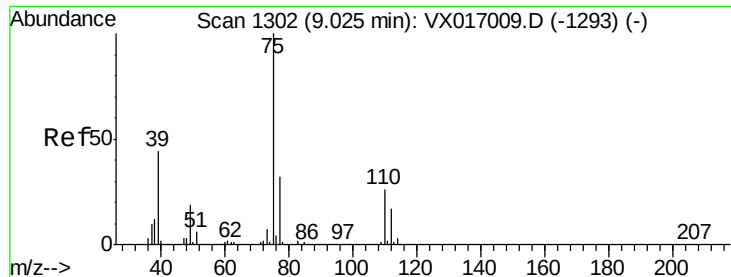
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#52
Toluene
Concen: 50.126 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.0	136.9	205.3





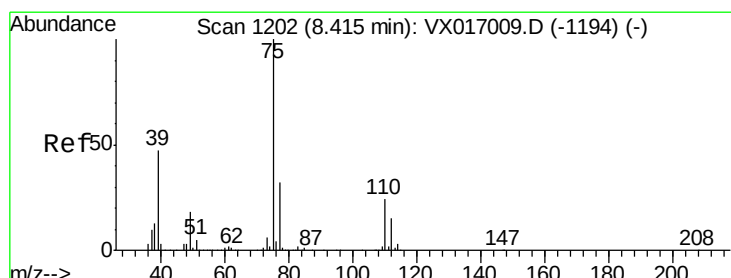
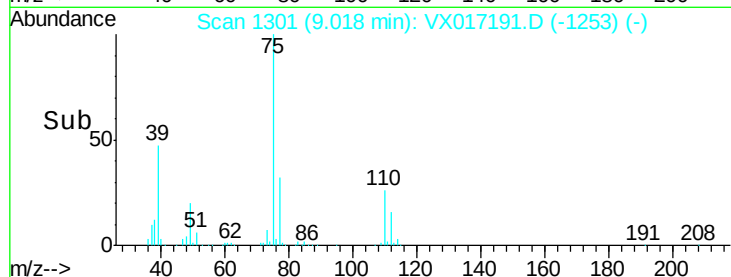
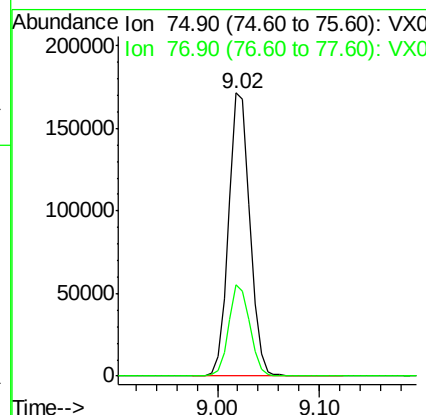
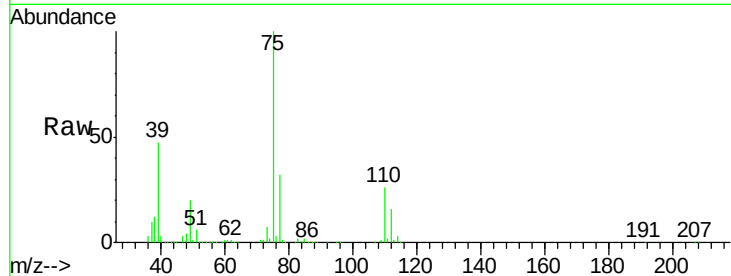
#53
t-1,3-Dichloropropene
Concen: 49.906 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.6	38.4

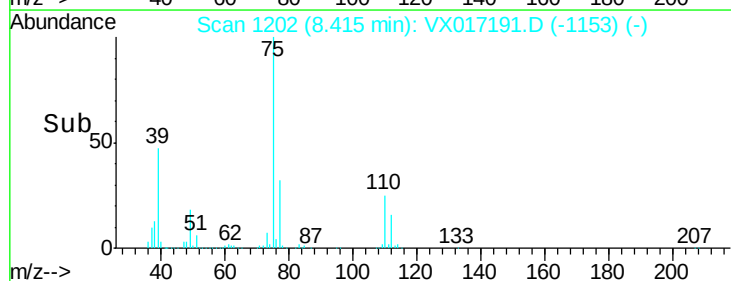
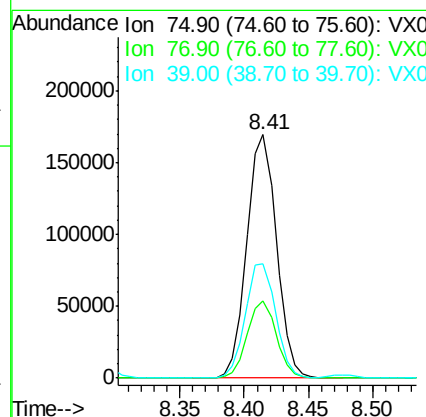
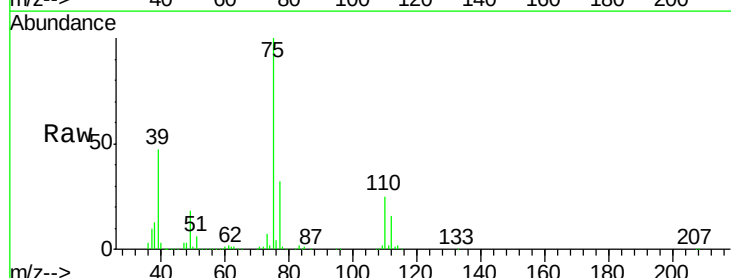
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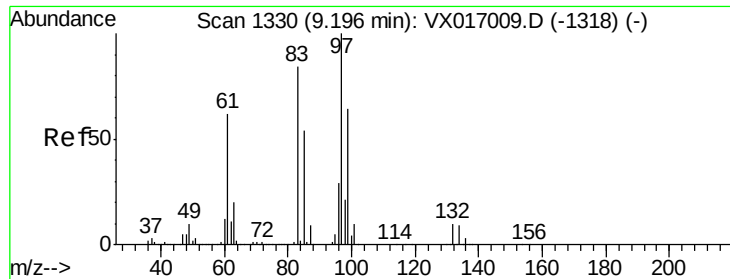
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.527 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8
39	46.9	37.4	56.2





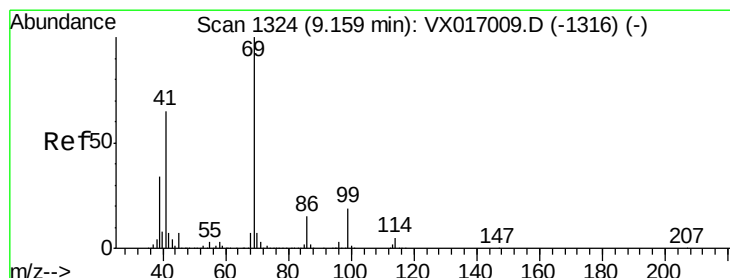
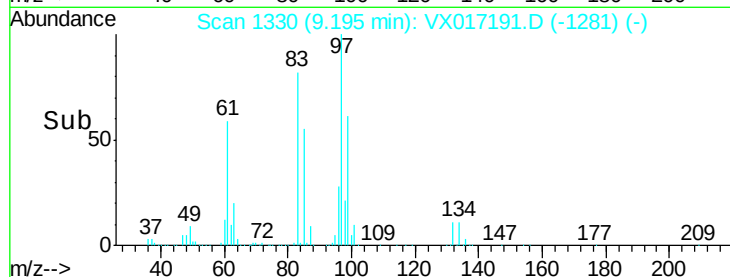
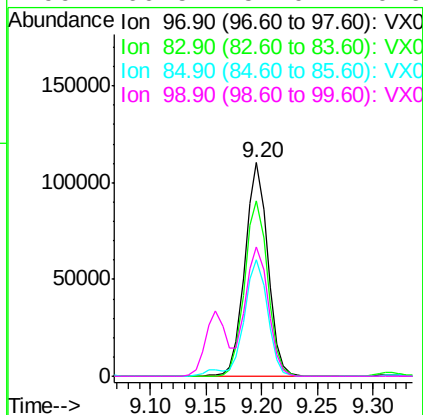
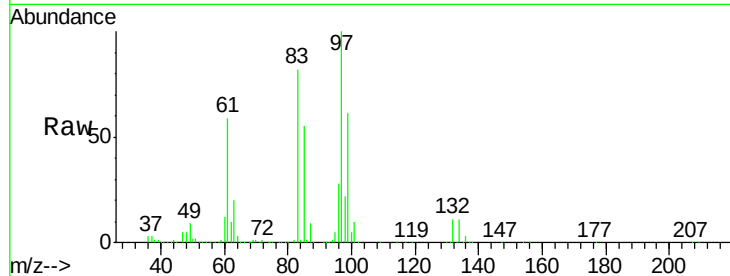
#55
 1,1,2-Trichloroethane
 Concen: 49.695 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	157761
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.0	100.6
85	54.8	43.5	65.3
99	60.5	51.0	76.6

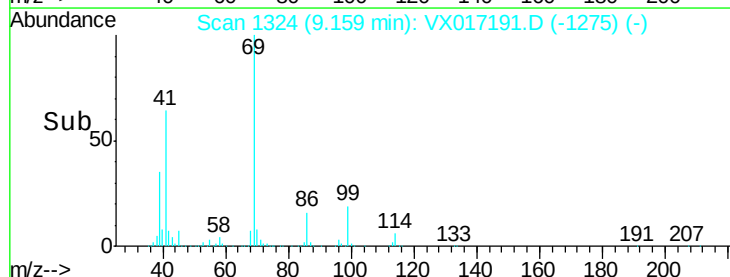
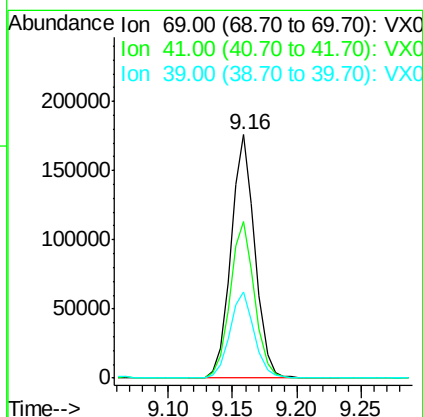
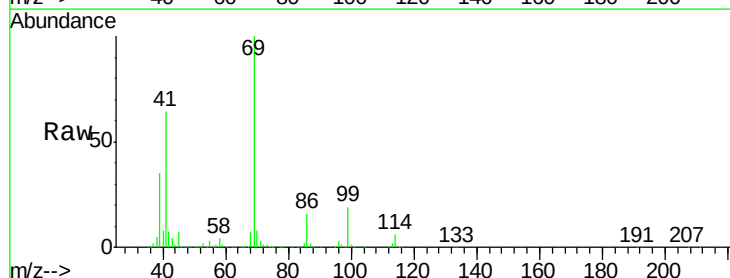
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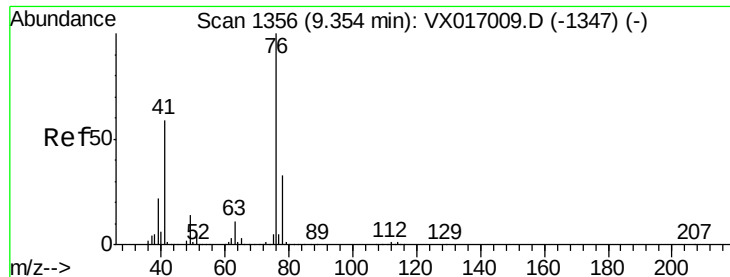
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 7/8/2020 9:31:23 AM



#56
 Ethyl methacrylate
 Concen: 50.420 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion:	69	Resp:	227823
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.6	80.4
39	36.2	28.2	42.2





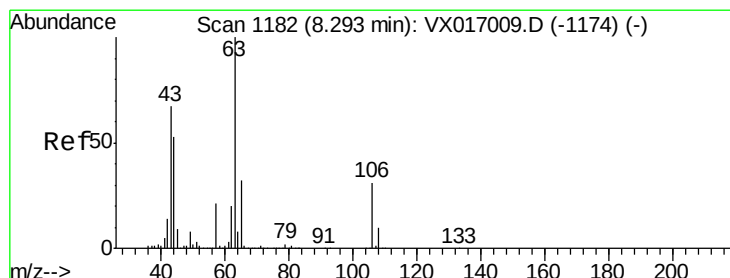
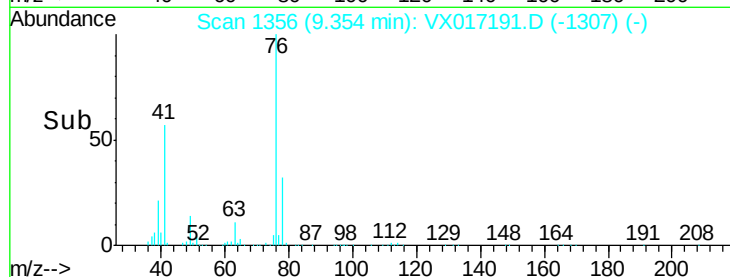
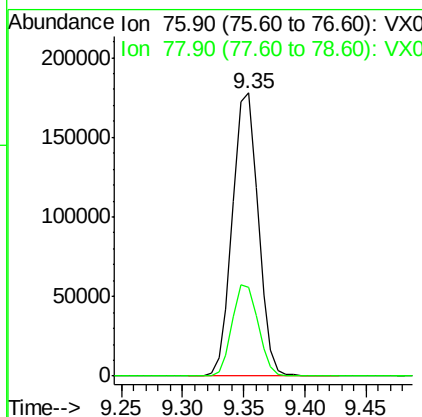
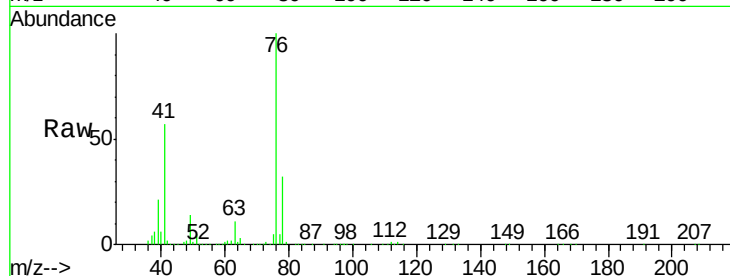
#57
 1,3-Dichloropropane
 Concen: 48.239 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9

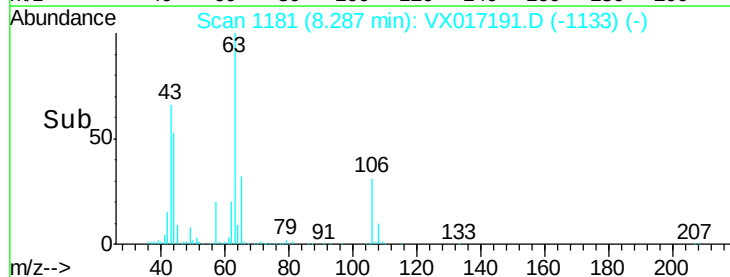
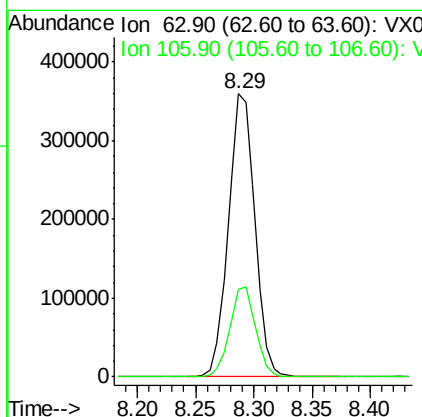
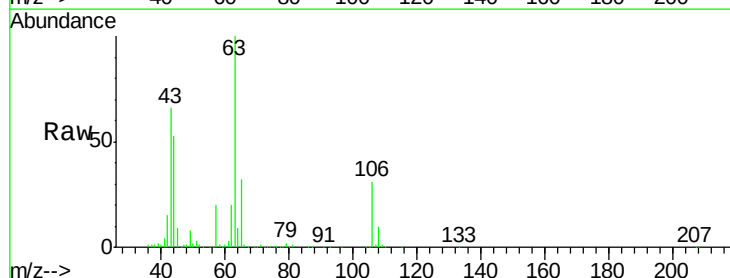
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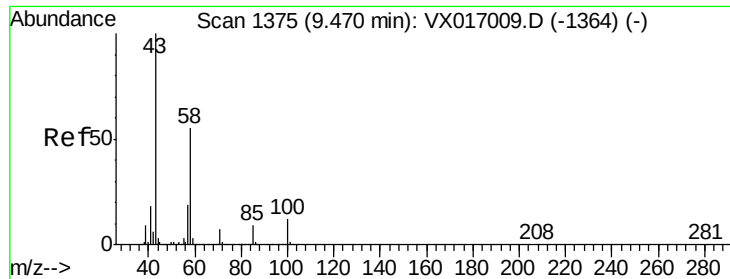
MMDadoda
 7/8/2020 9:31:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.129 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	24.0	36.0





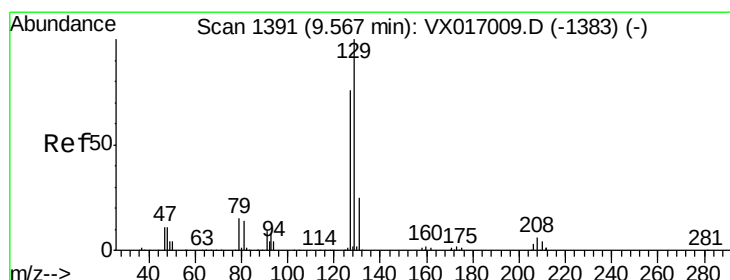
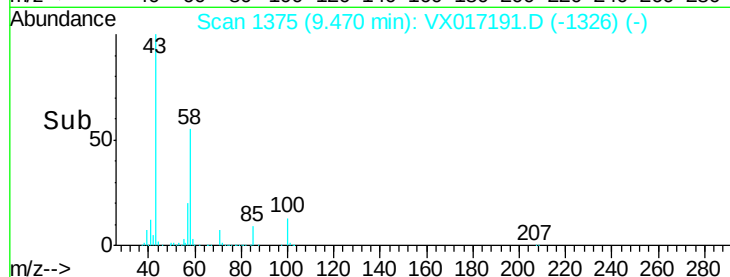
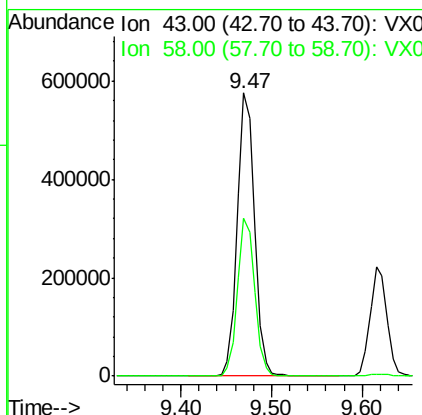
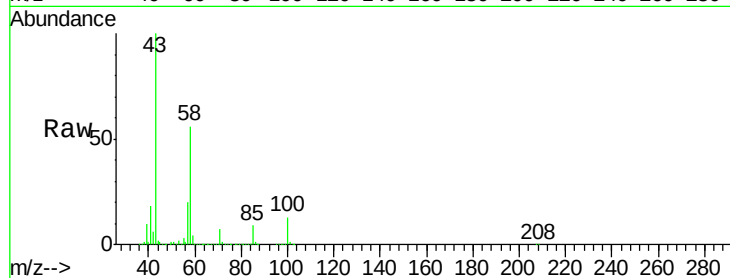
#59
2-Hexanone
Concen: 245.648 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	27.9	83.6

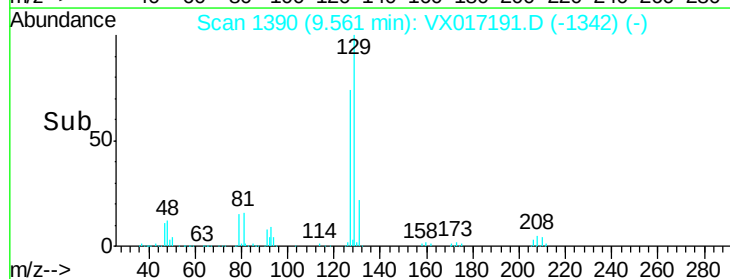
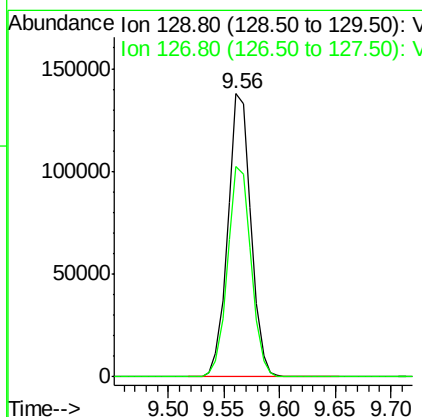
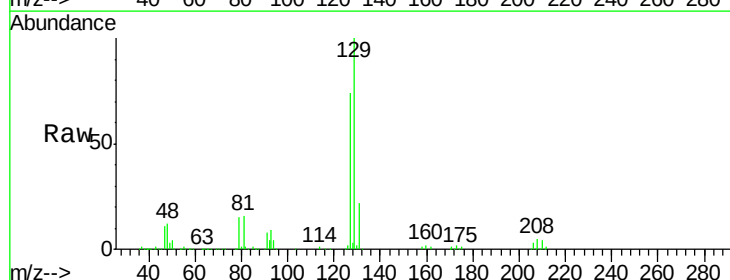
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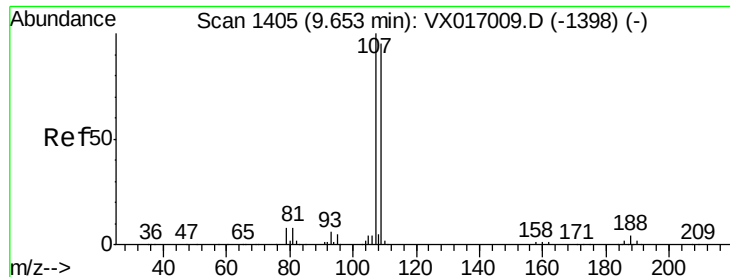
MMDadoda
7/8/2020 9:31:23 AM



#60
Dibromochloromethane
Concen: 53.494 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.6	38.9	116.7





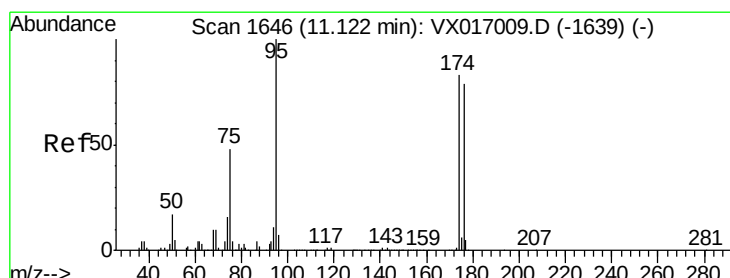
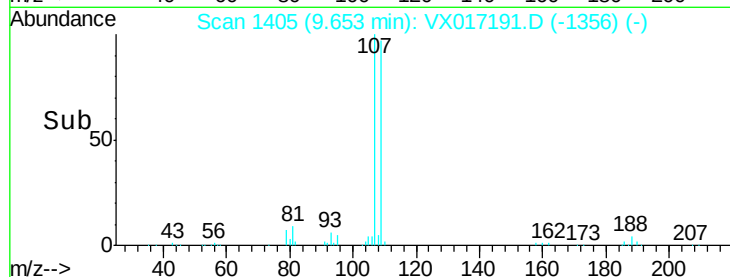
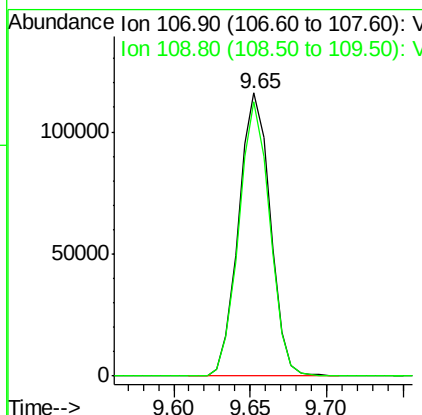
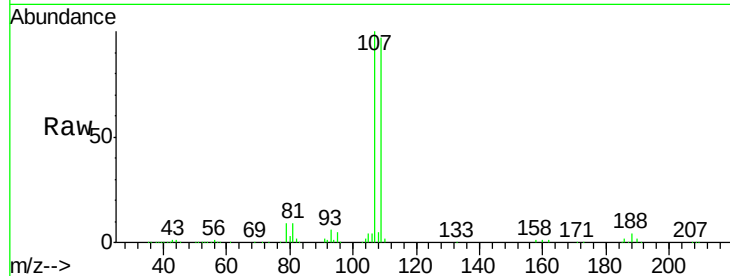
#61
 1,2-Dibromoethane
 Concen: 48.708 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.8	113.8

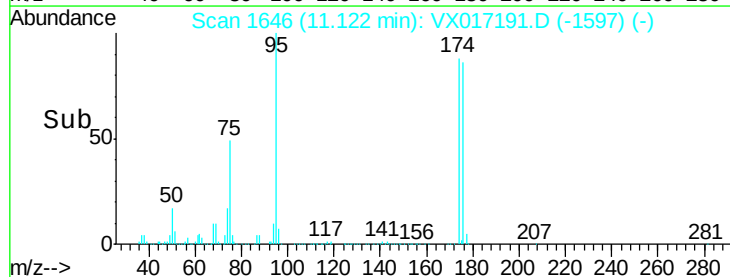
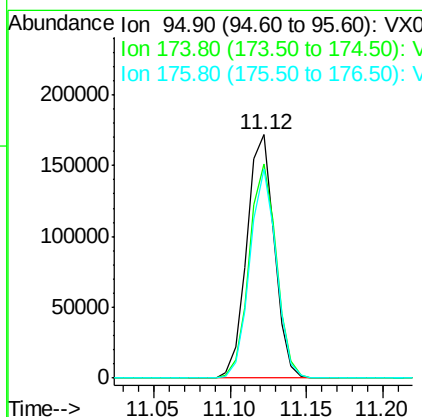
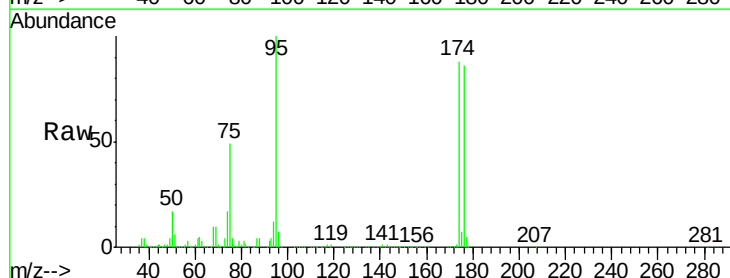
Manual Integrations
 APPROVED

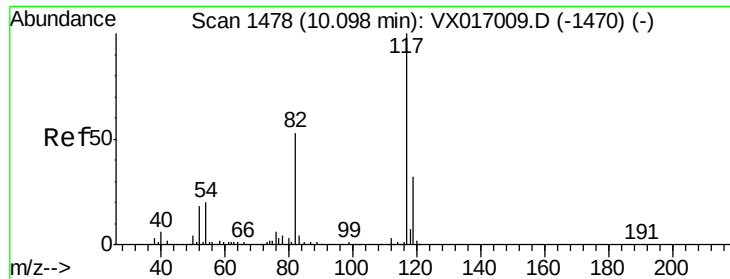
MMDadoda
 7/8/2020 9:31:23 AM



#62
 4-Bromofluorobenzene
 Concen: 52.442 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	164.0
176	82.5	0.0	157.6





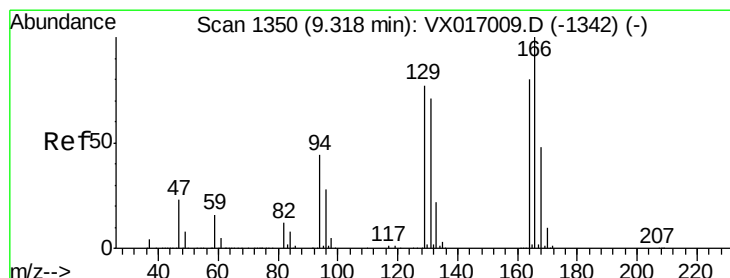
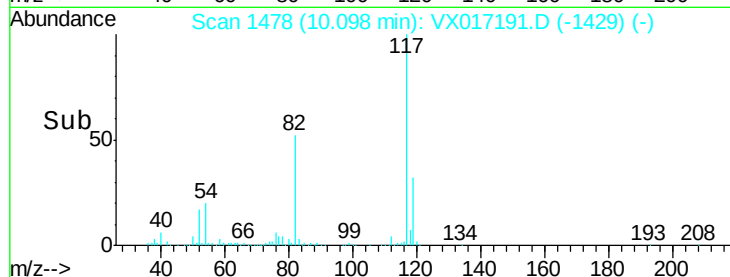
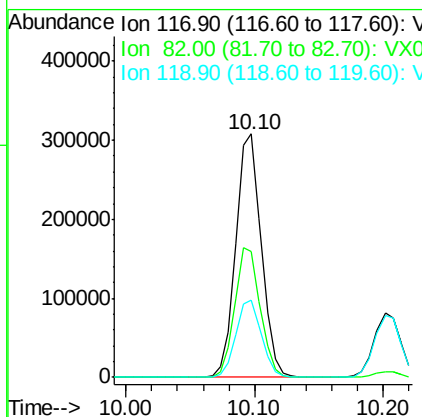
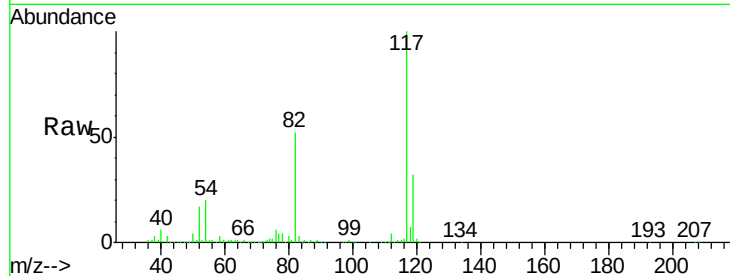
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	423998		
82	51.7	42.6	63.8	
119	31.7	25.4	38.2	

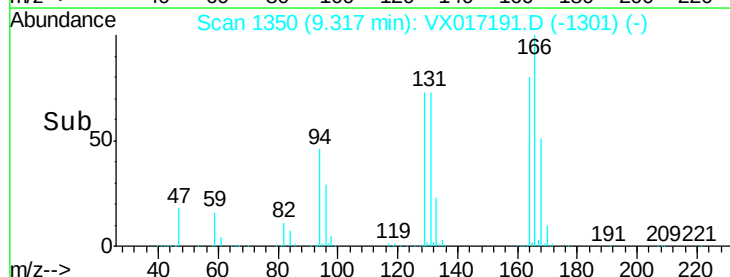
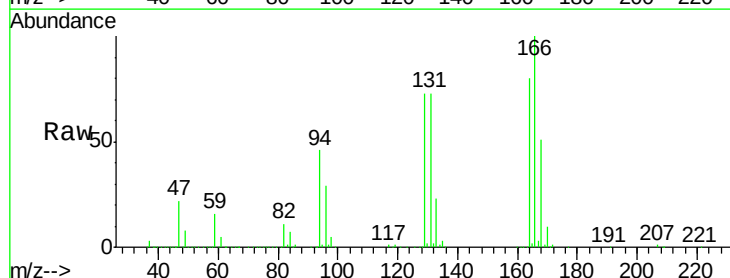
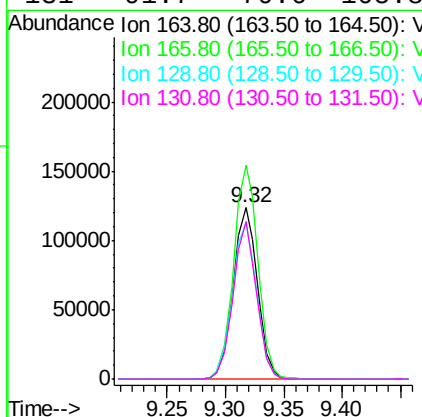
Manual Integrations
APPROVED

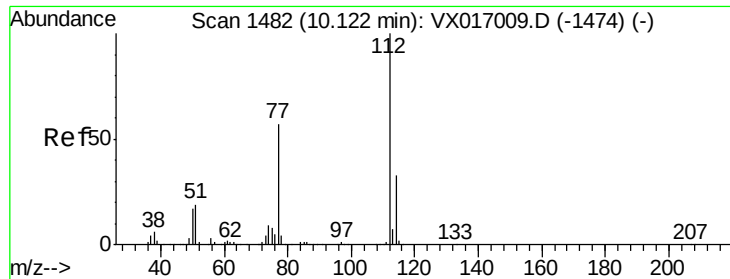
MMDadoda
7/8/2020 9:31:23 AM



#64
Tetrachloroethene
Concen: 52.433 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	179423		
166	124.8	99.4	149.0	
129	91.1	76.3	114.5	
131	91.7	70.6	105.8	





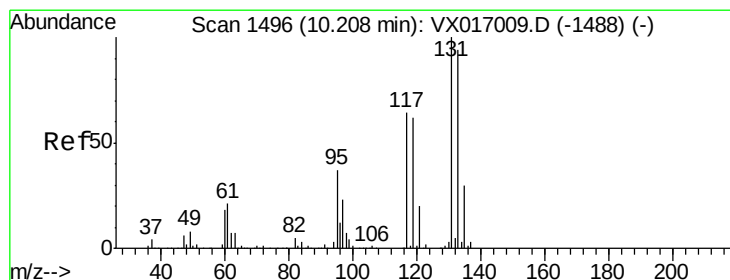
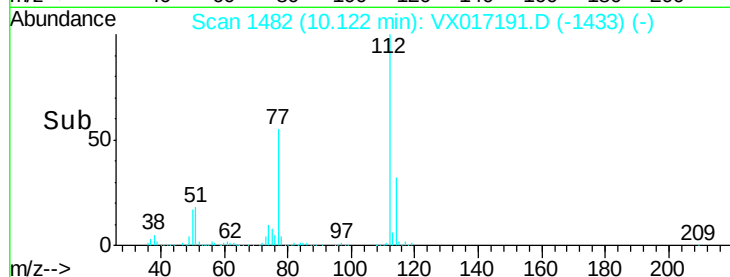
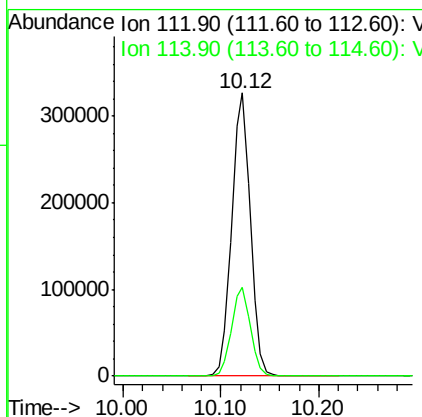
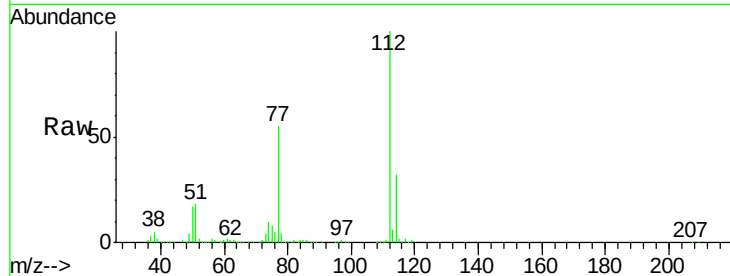
#65
Chlorobenzene
Concen: 49.466 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.2	39.4

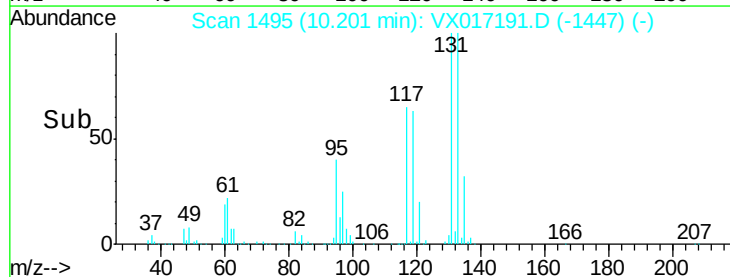
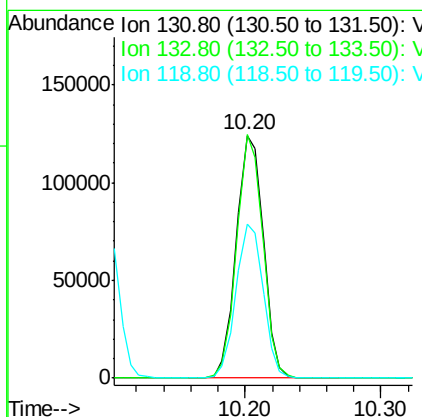
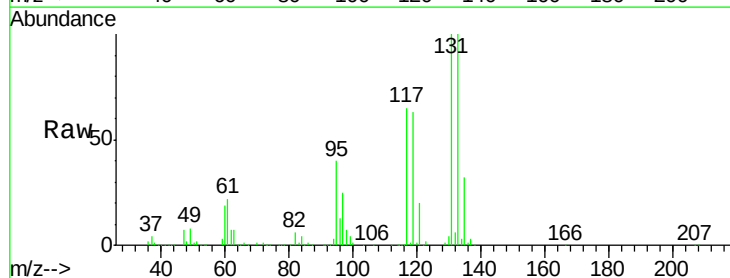
Manual Integrations
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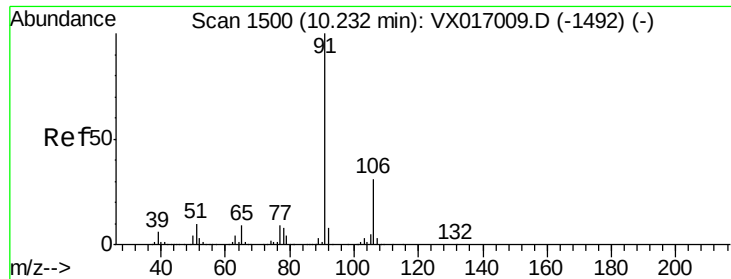
MMDadoda
7/8/2020 9:31:23 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.189 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	141.9
119	64.1	31.9	95.5





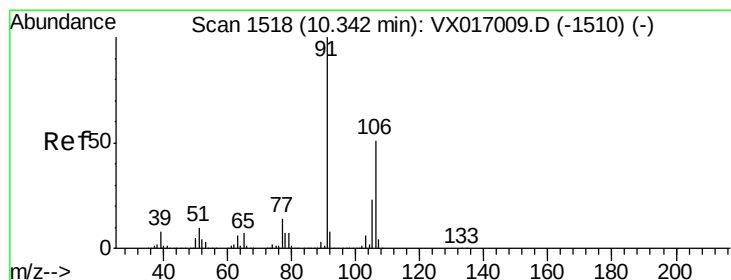
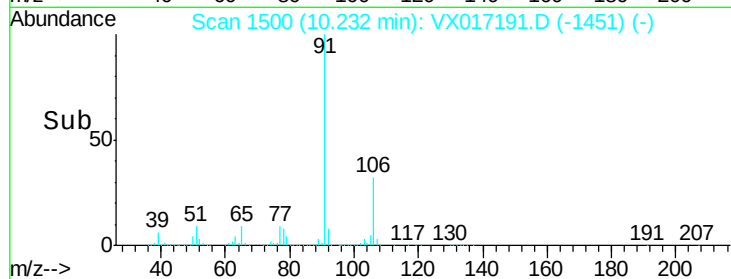
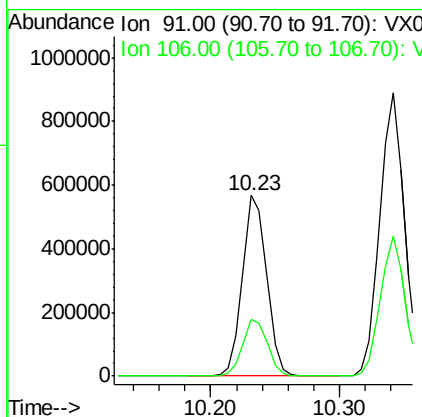
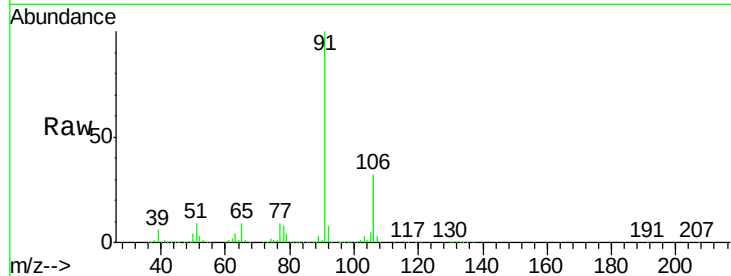
#67
Ethyl Benzene
Concen: 50.588 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.7	37.1

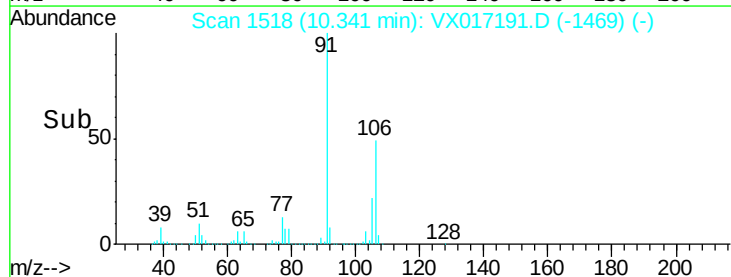
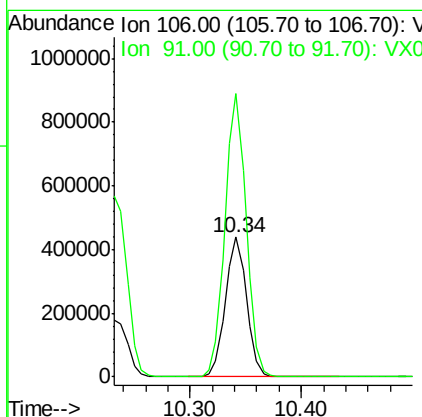
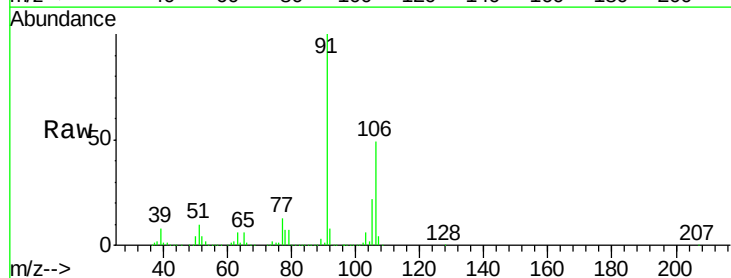
Manual Integrations
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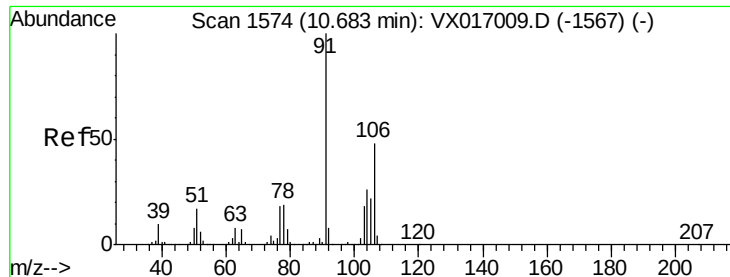
MMDadoda
7/8/2020 9:31:23 AM



#68
m/p-Xylenes
Concen: 103.039 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.6	158.6	238.0





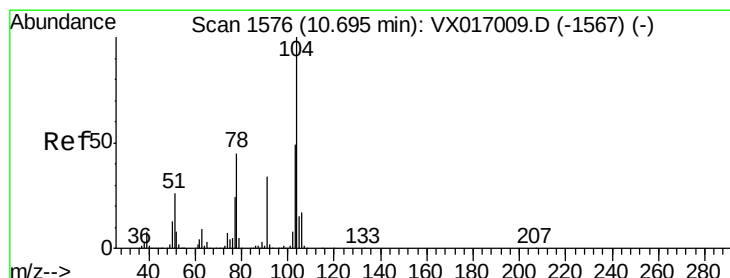
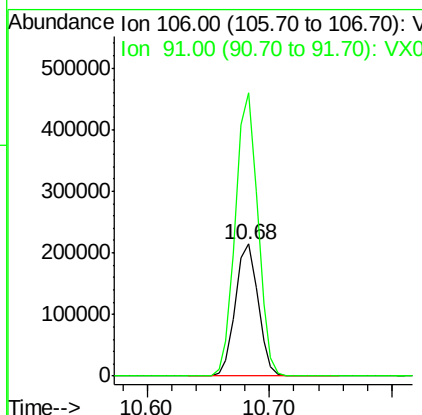
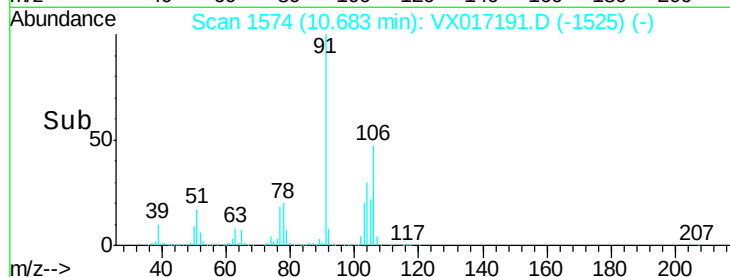
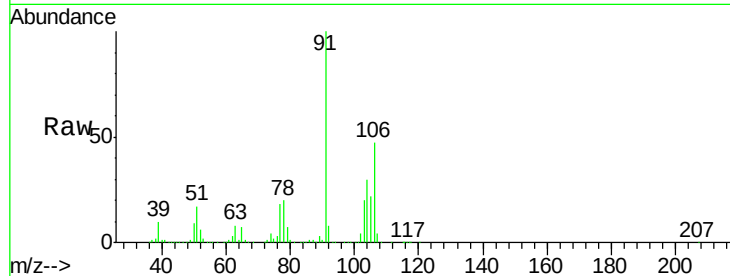
#69
o-Xylene
Concen: 51.248 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	273568		
91	212.1	105.6	316.7	

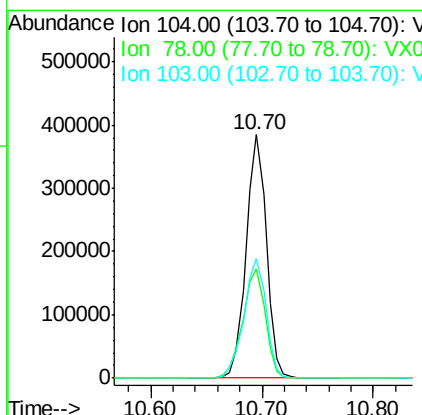
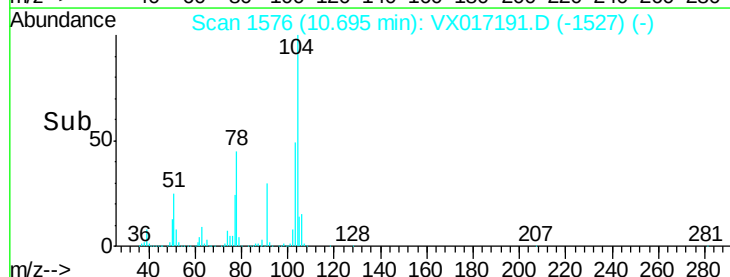
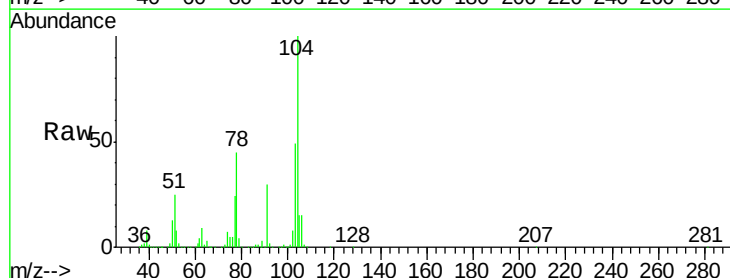
Manual Integrations
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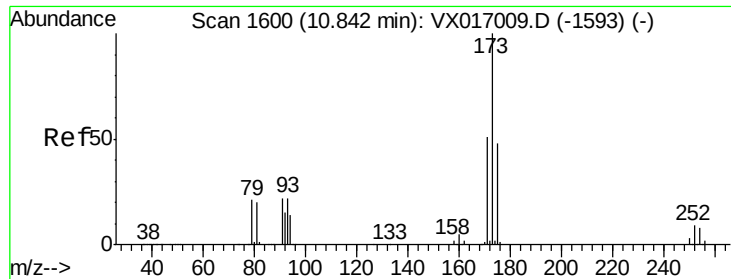
MMDadoda
7/8/2020 9:31:23 AM



#70
Styrene
Concen: 53.453 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	485907		
78	50.3	39.5	59.3	
103	53.8	43.0	64.6	





#71

Bromoform

Concen: 56.909 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

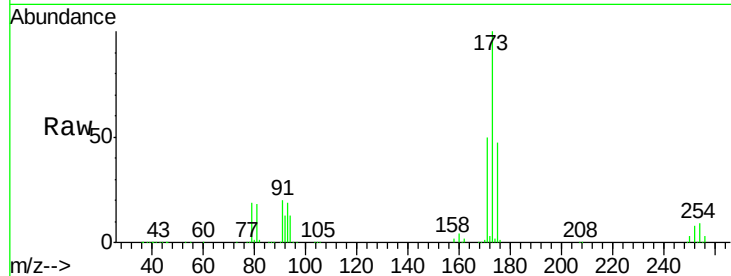
ClientSampleId :

VSTDCCC050

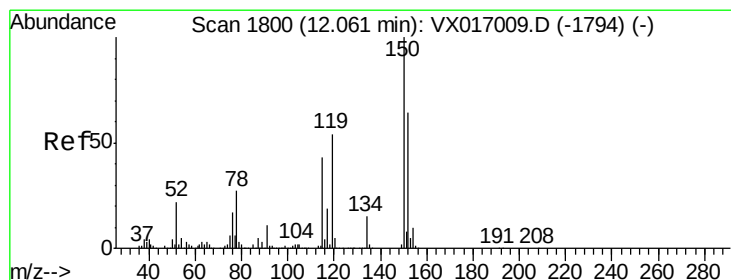
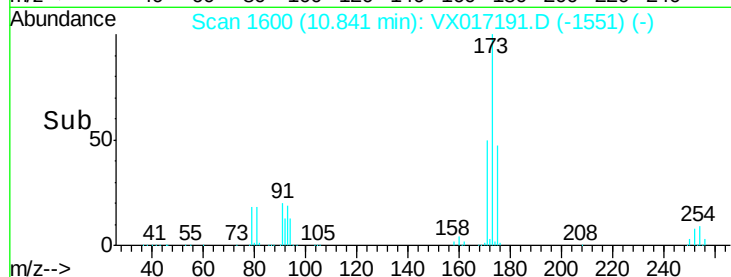
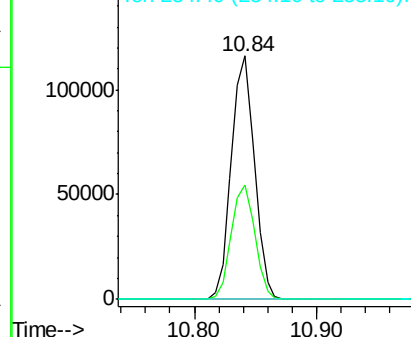
Tot Ion:	173	Resp:	152199
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.5	73.5
254	0.1	0.1	0.1

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

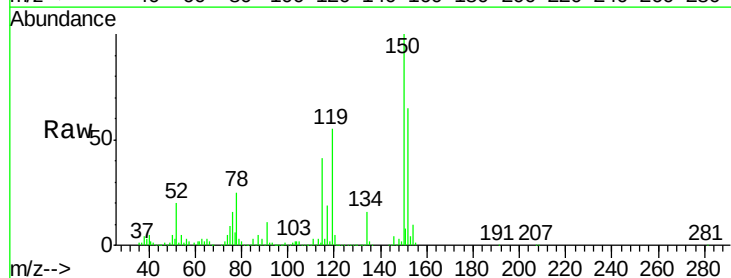
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

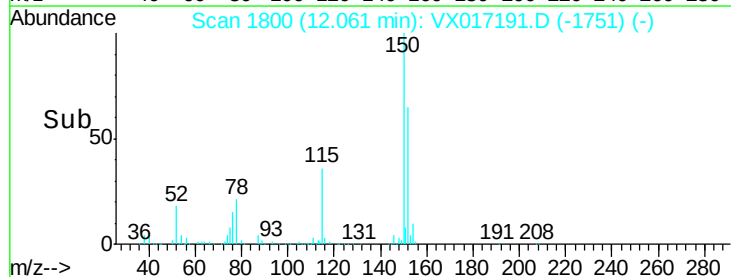
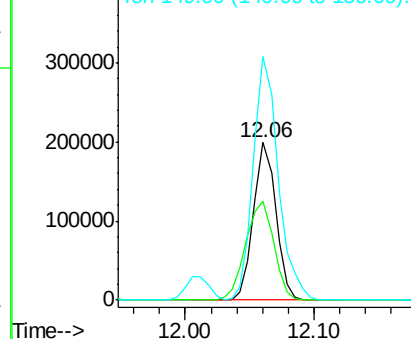
Lab File: VX017191.D

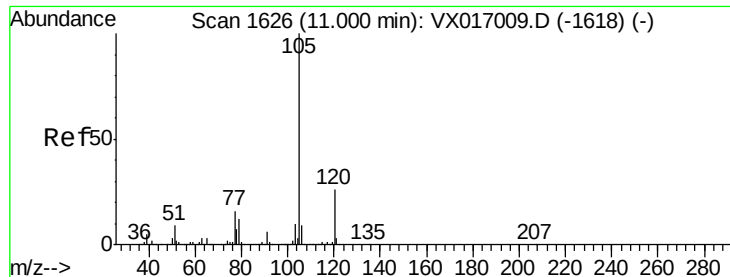
Acq: 07 Jul 2020 09:50

Tgt Ion:	152	Resp:	236617
Ion Ratio	Lower	Upper	
152	100		
115	79.4	40.9	122.7
150	173.4	0.0	351.6



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: 48.334 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 749108

Ion Ratio Lower Upper

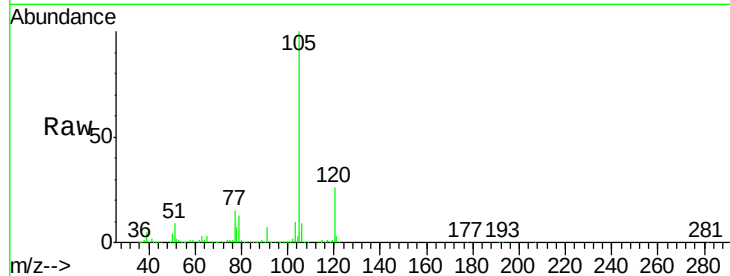
105 100

120 26.8 13.4 40.2

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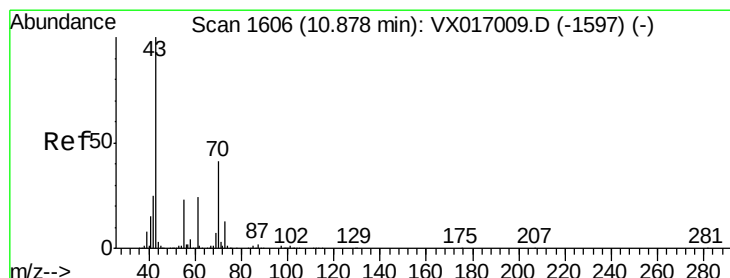
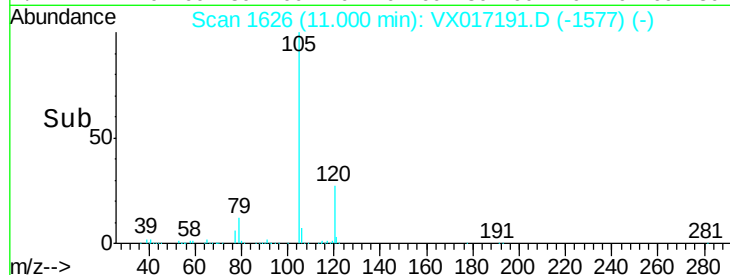
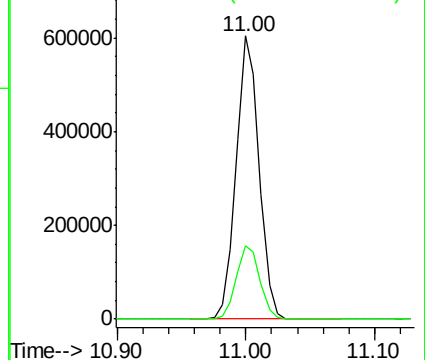
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.891 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion: 43 Resp: 296872

Ion Ratio Lower Upper

43 100

70 44.5 34.2 51.2

55 25.2 19.2 28.8

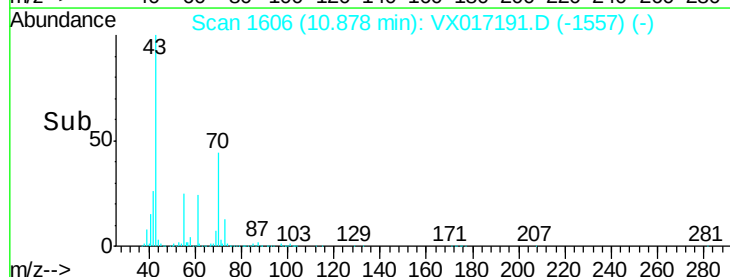
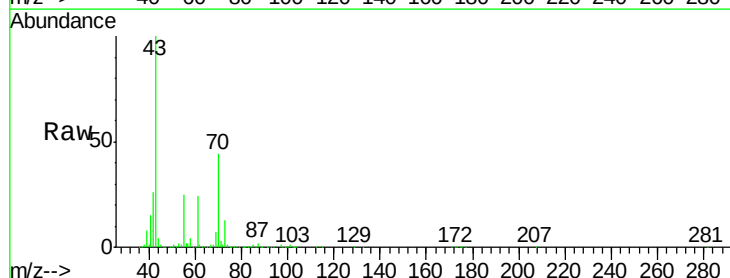
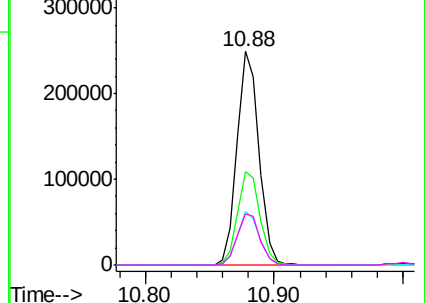
61 24.9 19.6 29.4

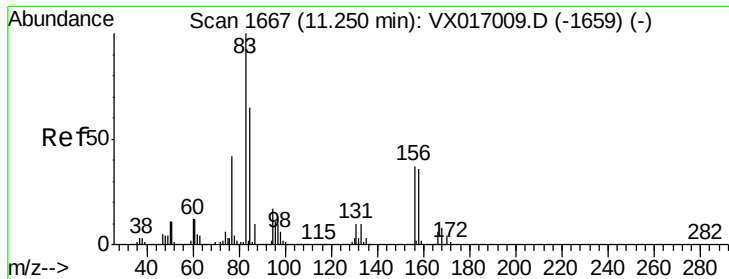
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.697 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

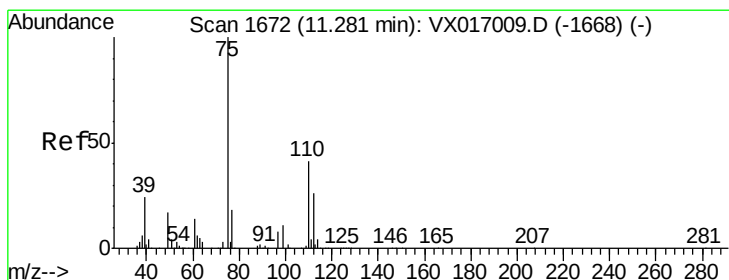
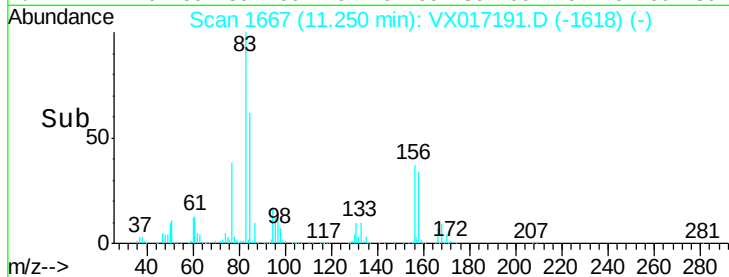
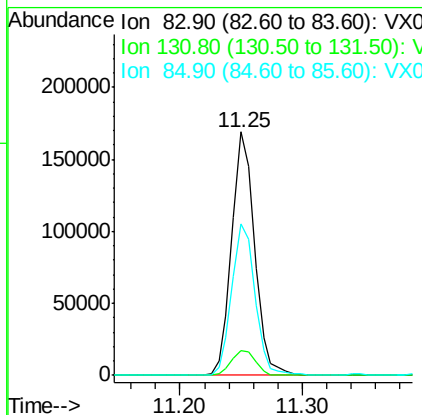
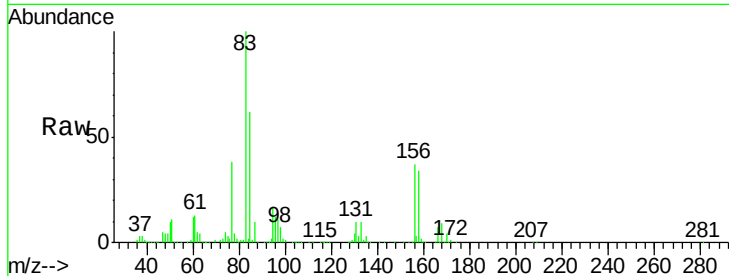
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	217908
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.4	16.2
85	63.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.458 ug/l m

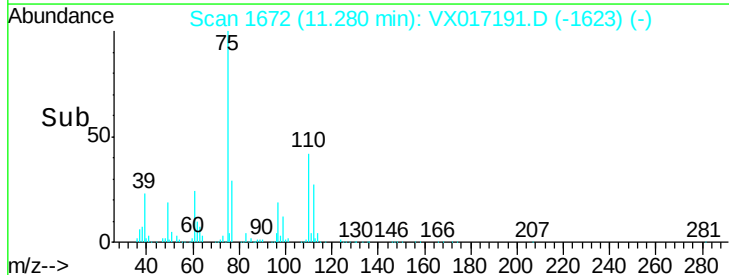
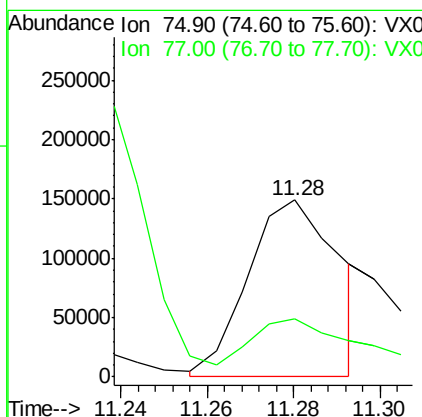
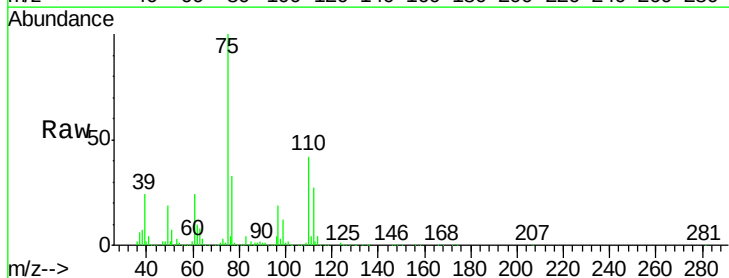
RT: 11.28 min Scan# 1672

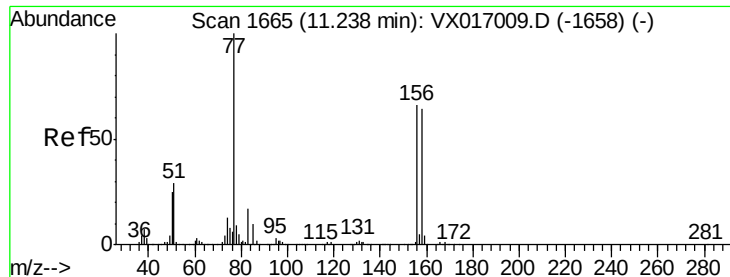
Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	75	Resp:	216167
Ion Ratio	Lower	Upper	
75	100		
77	40.6	20.2	60.6





#77

Bromobenzene

Concen: 48.540 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

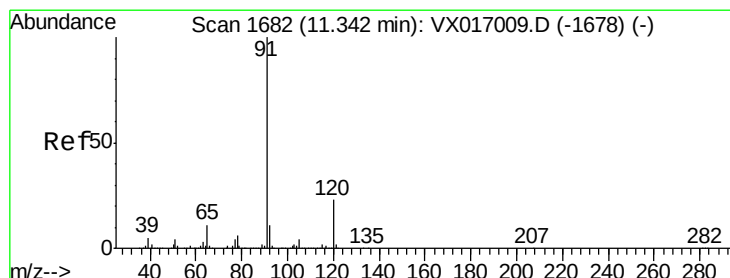
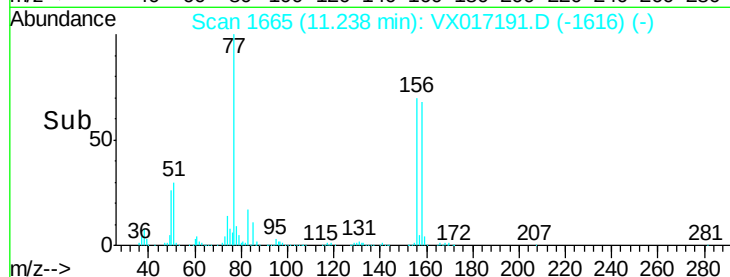
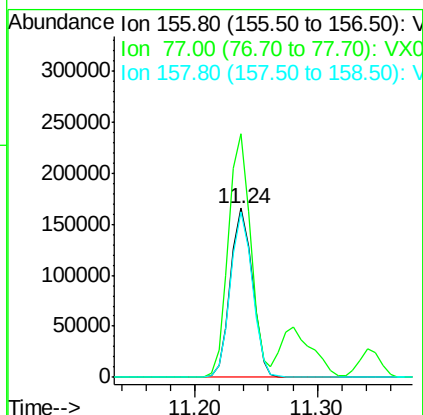
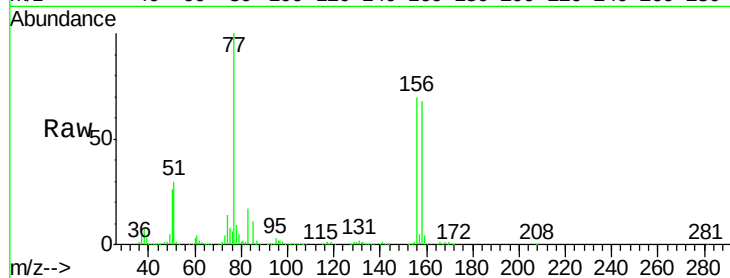
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	206761
Ion Ratio	Lower	Upper	
156	100		
77	146.8	76.9	230.7
158	96.9	47.9	143.6

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#78

n-propylbenzene

Concen: 48.894 ug/l

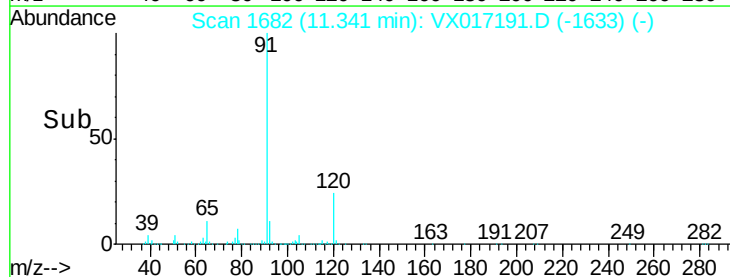
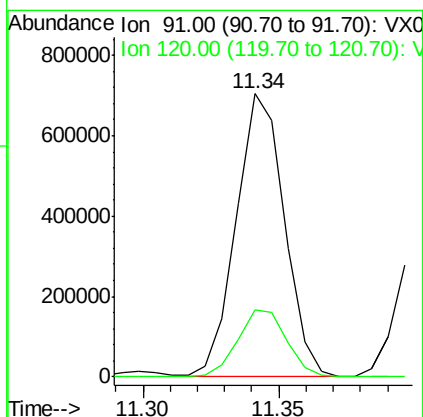
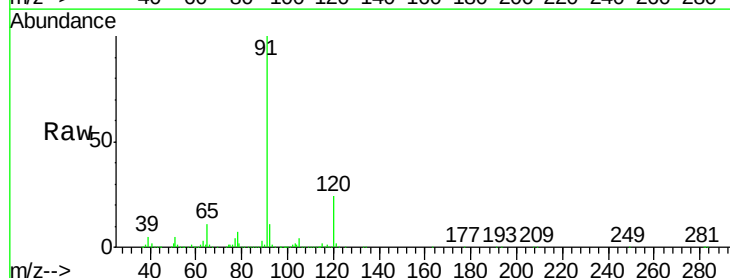
RT: 11.34 min Scan# 1682

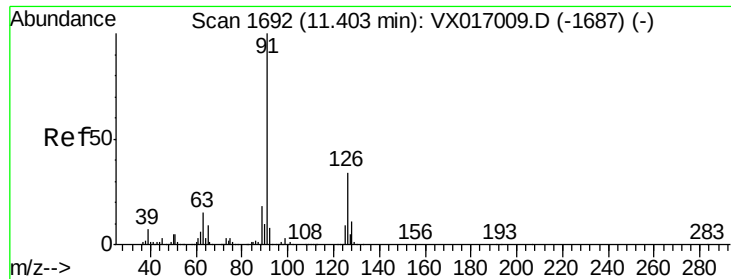
Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	91	Resp:	856943
Ion Ratio	Lower	Upper	
91	100		
120	24.3	11.9	35.9





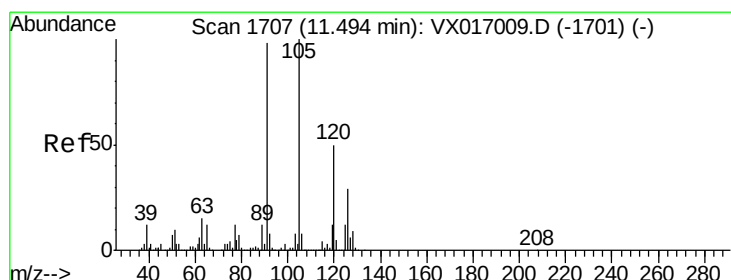
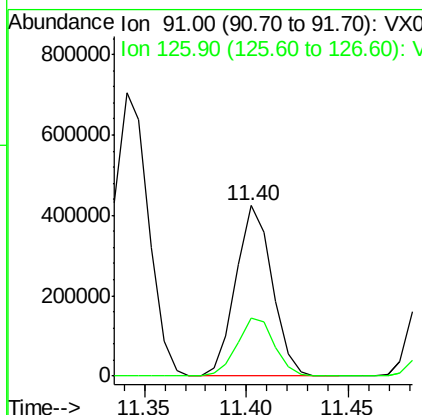
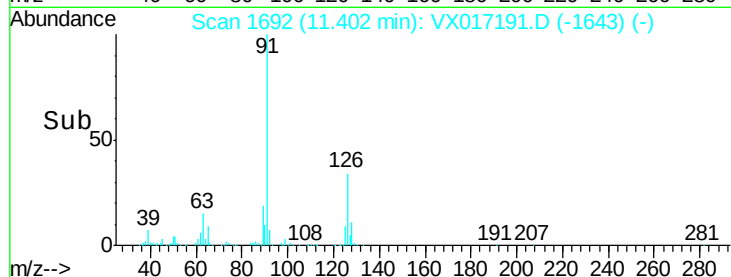
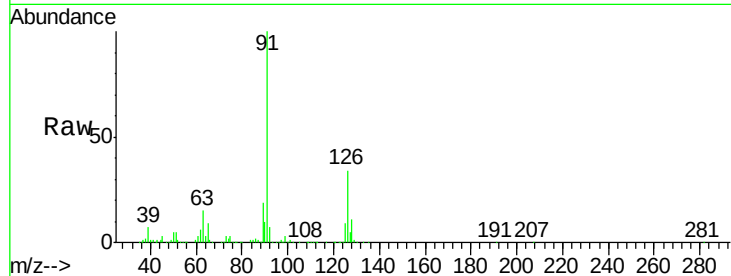
#79
 2-Chlorotoluene
 Concen: 49.198 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 521855
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.4 52.3

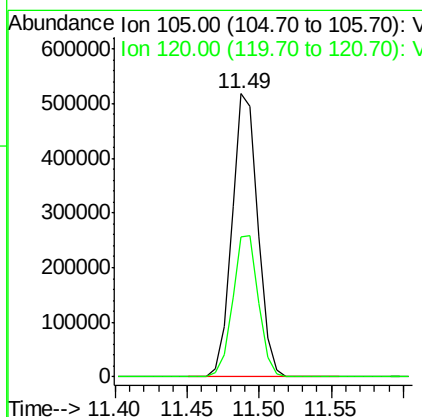
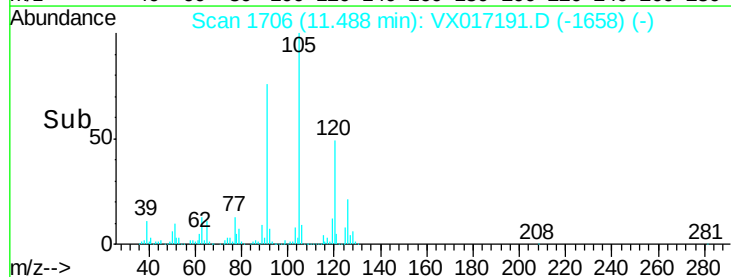
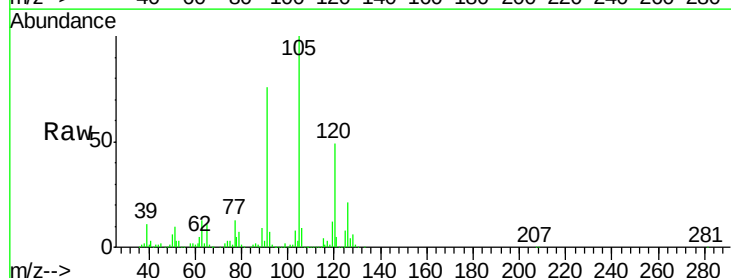
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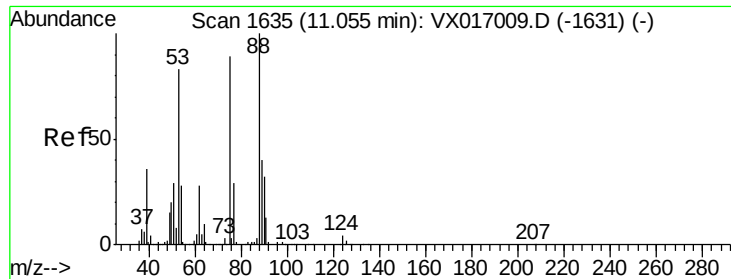
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.567 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion: 105 Resp: 650081
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6





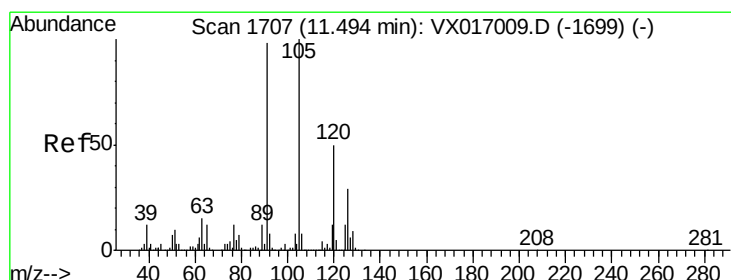
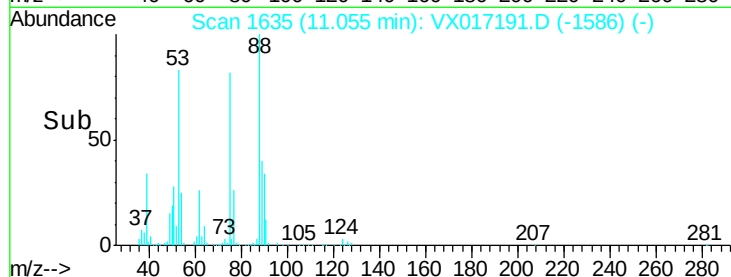
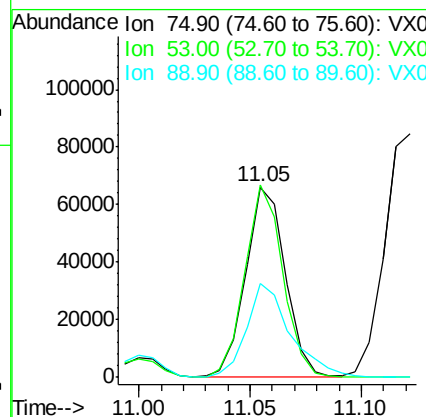
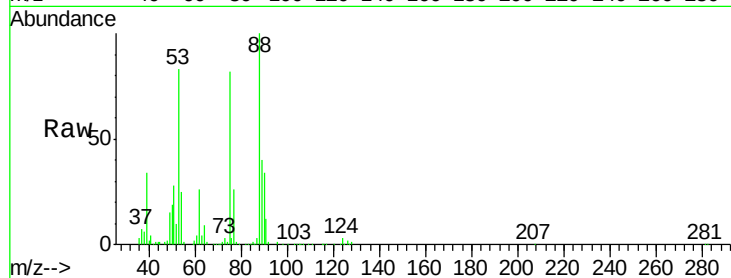
#81
trans-1,4-Dichloro-2-butene
Concen: 45.360 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	72.4	108.6
89	55.3	37.0	55.4

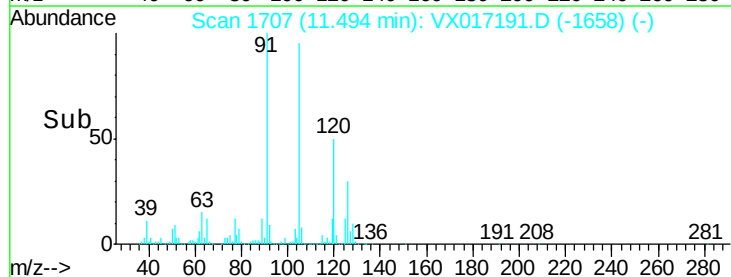
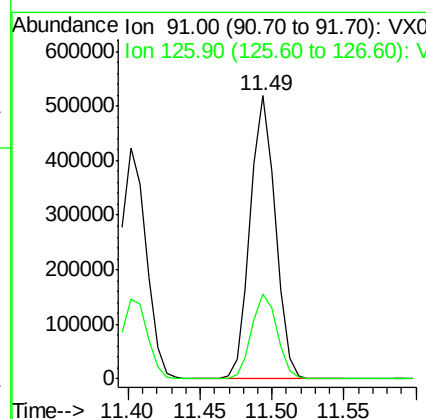
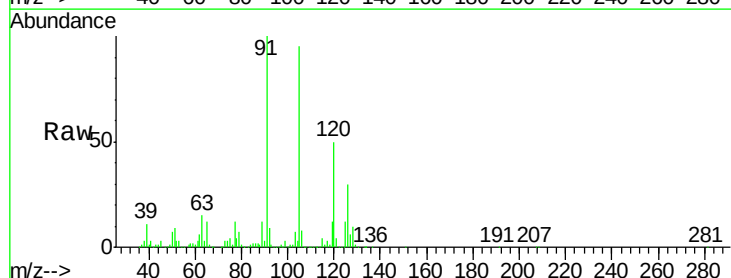
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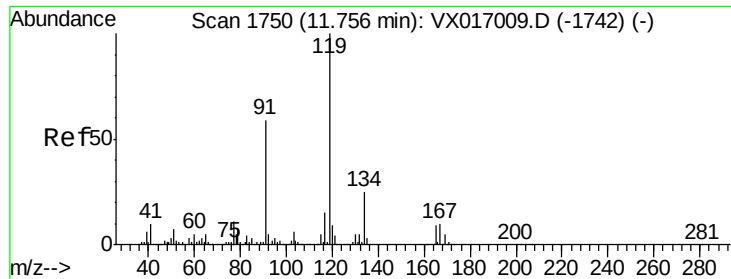
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.313 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.5





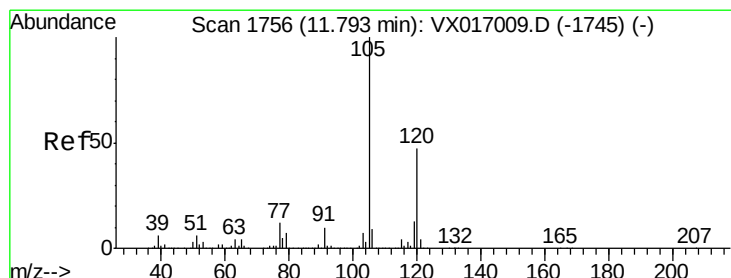
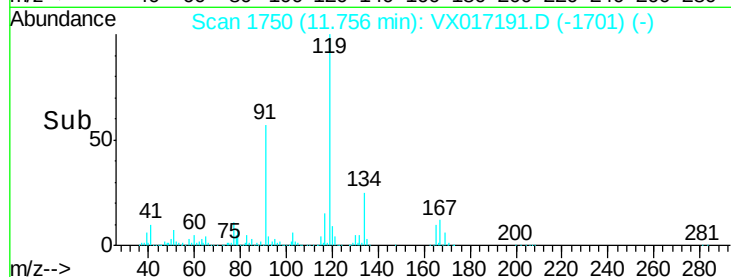
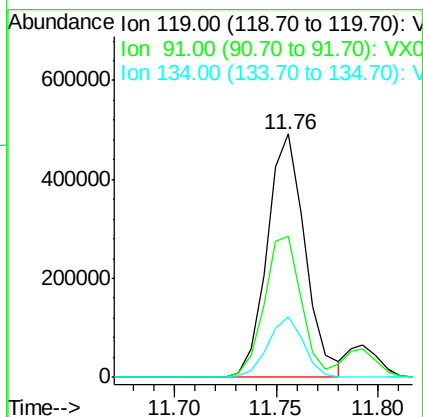
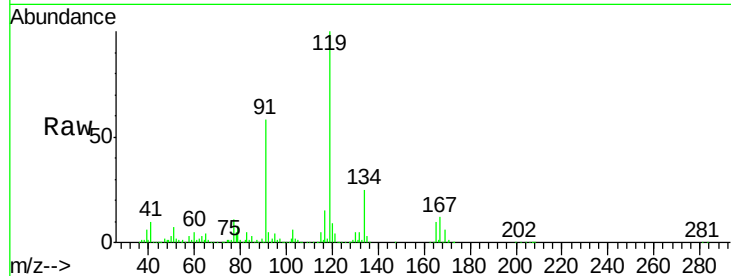
#83
 tert-Butylbenzene
 Concen: 50.535 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	28.3	84.9
134	23.2	11.7	35.1

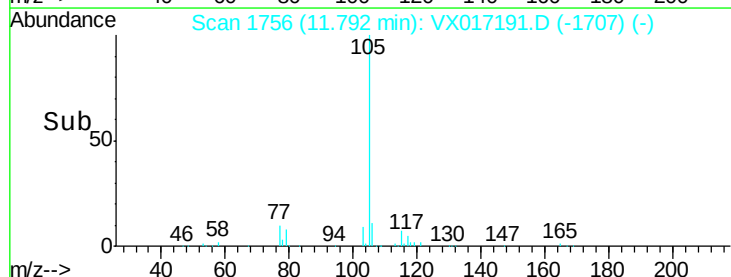
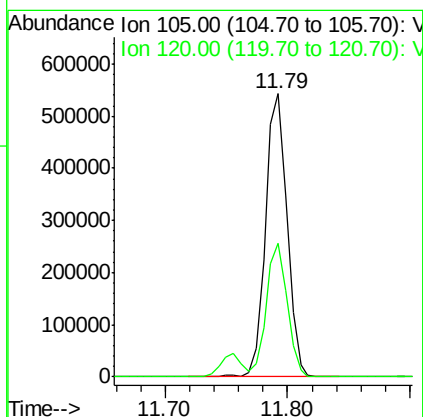
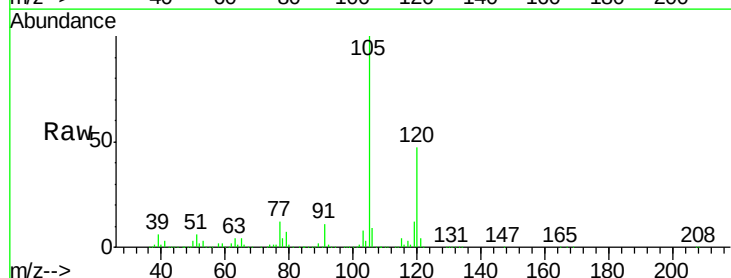
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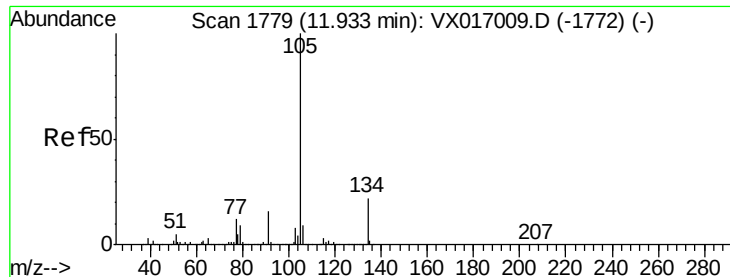
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.231 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.5





#85

sec-Butylbenzene

Concen: 49.634 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 736278

Ion Ratio Lower Upper

105 100

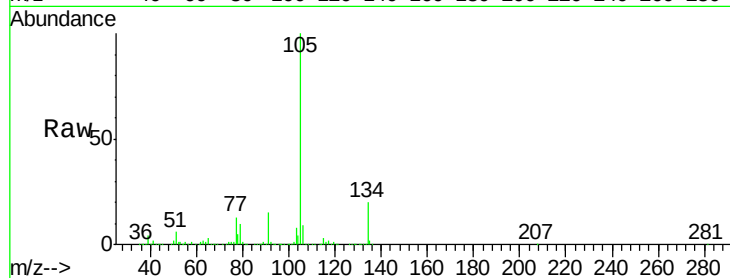
134 21.0 10.5 31.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

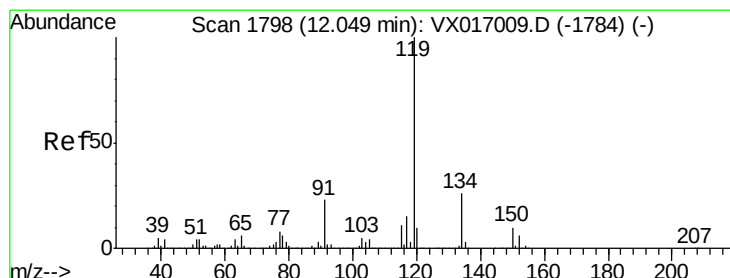
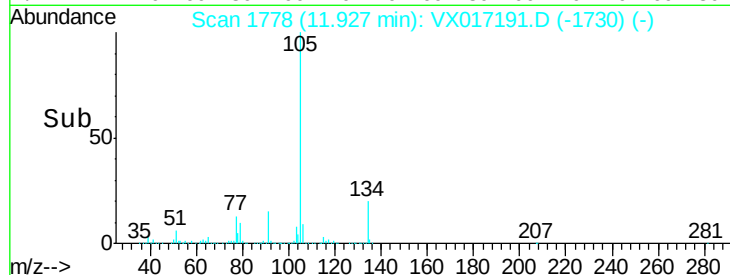
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.600 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

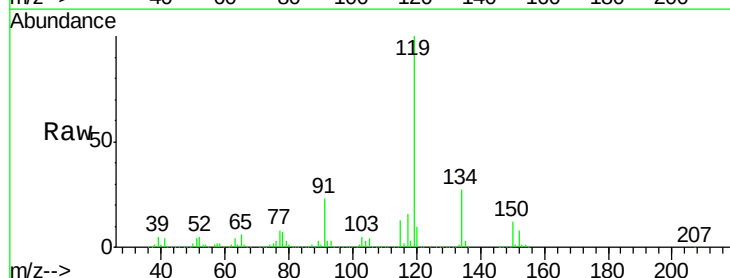
Tgt Ion:119 Resp: 712571

Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 23.7 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

800000

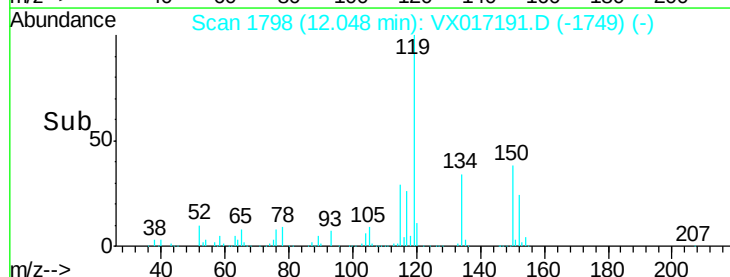
600000

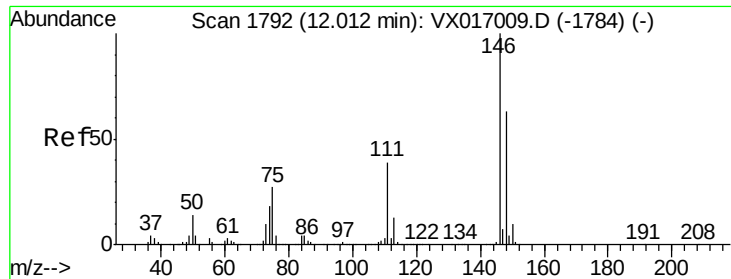
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.744 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

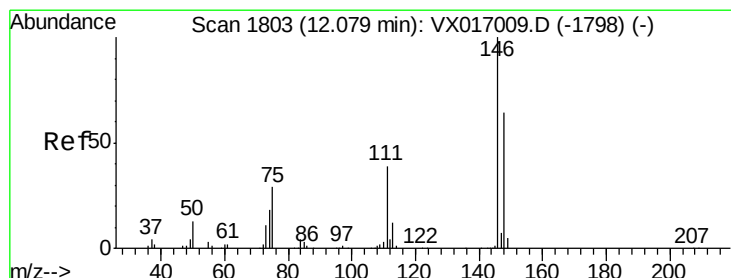
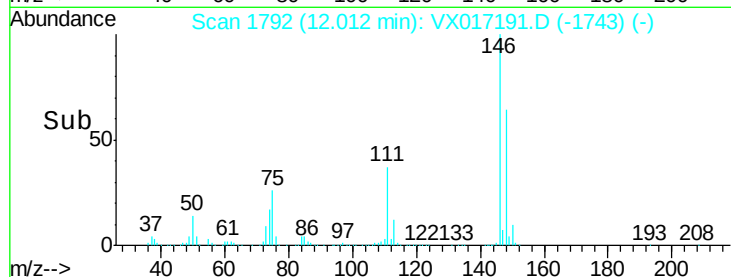
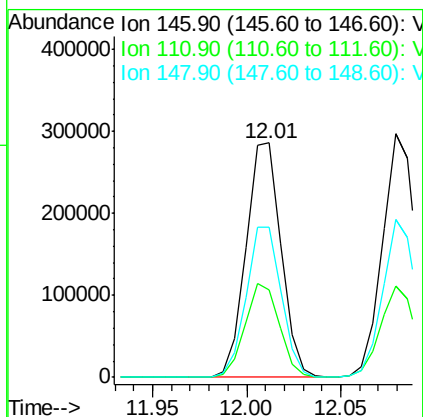
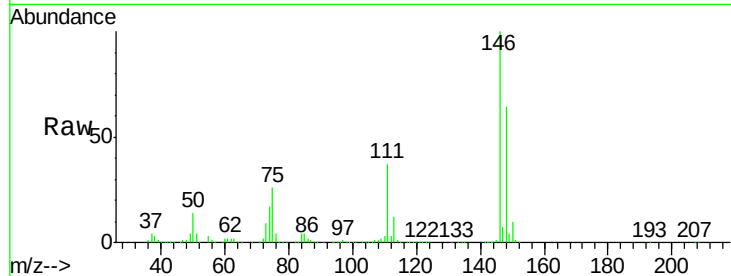
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	369363
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.4	61.2
148	64.2	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.051 ug/l

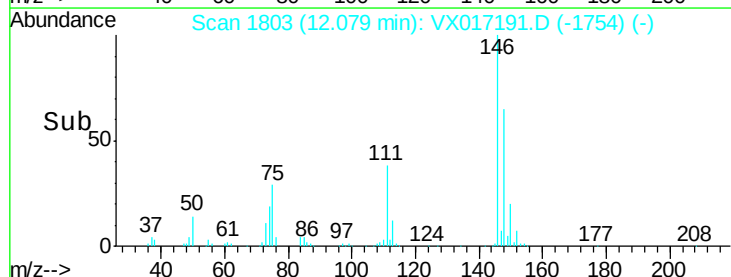
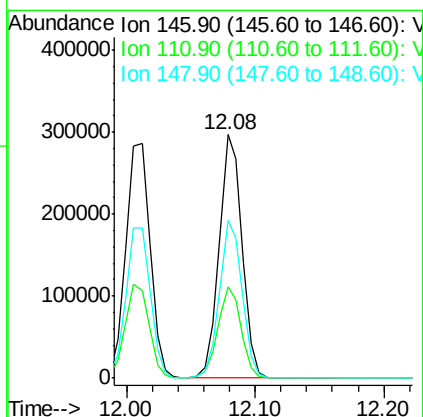
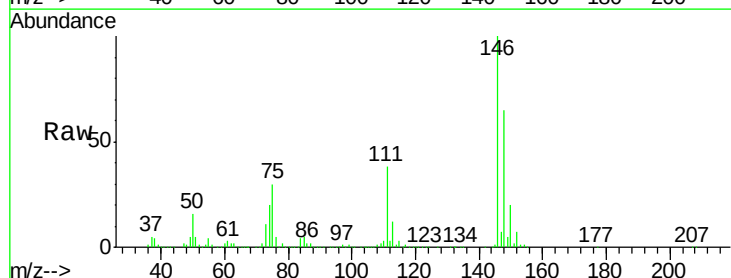
RT: 12.08 min Scan# 1803

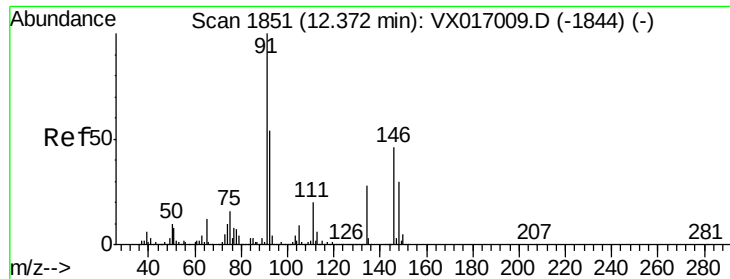
Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	146	Resp:	372423
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.5	58.5
148	64.3	31.9	95.7





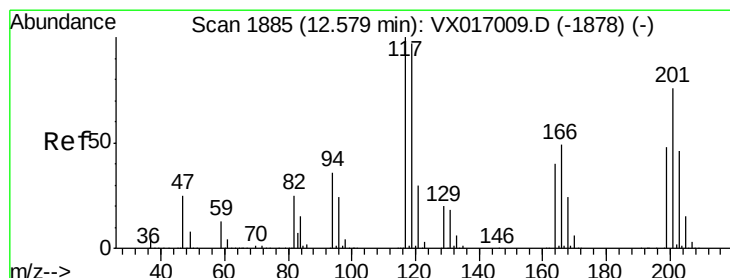
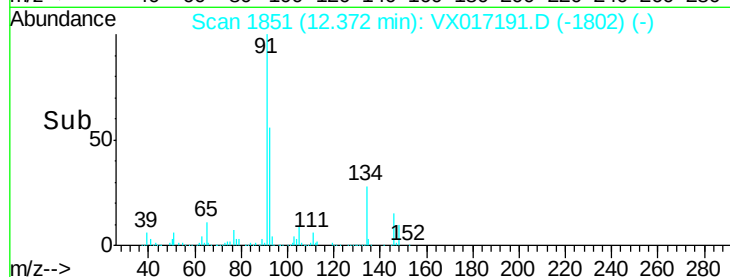
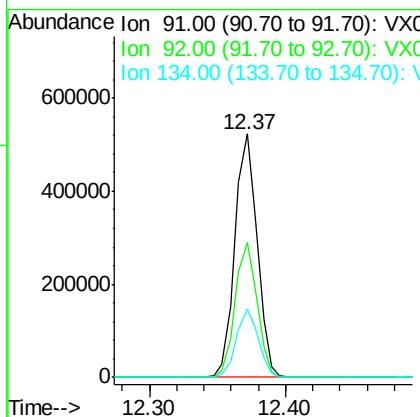
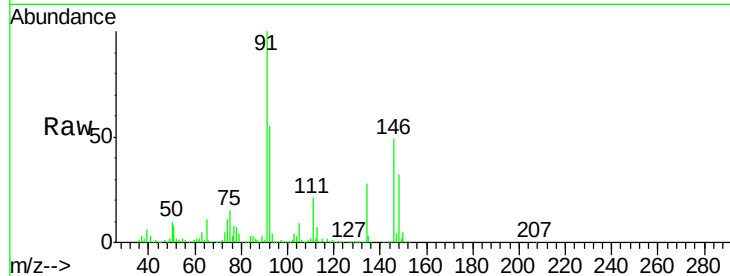
#89
n-Butylbenzene
Concen: 48.306 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.6
134	27.8	13.6	40.7

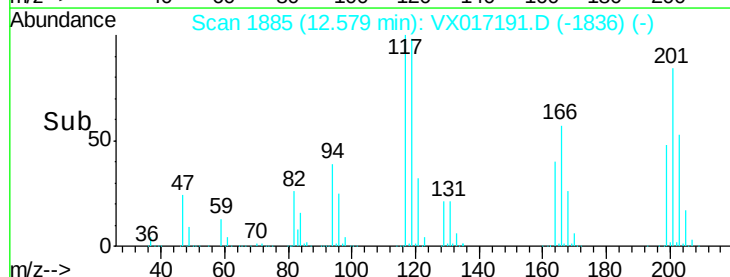
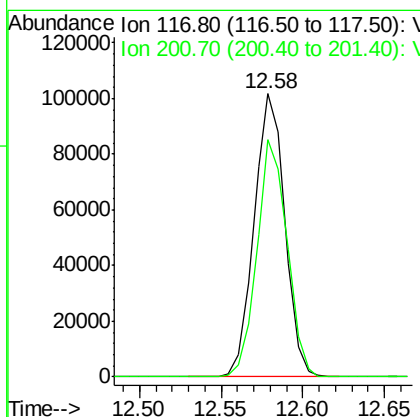
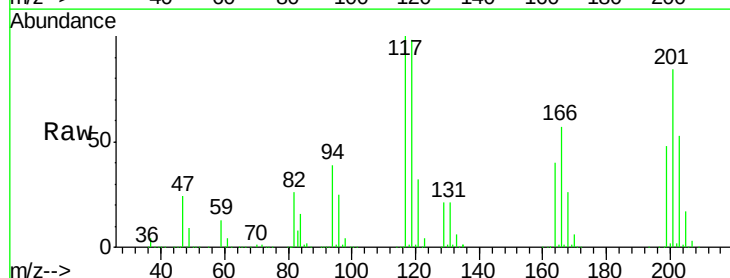
Manual Integrations
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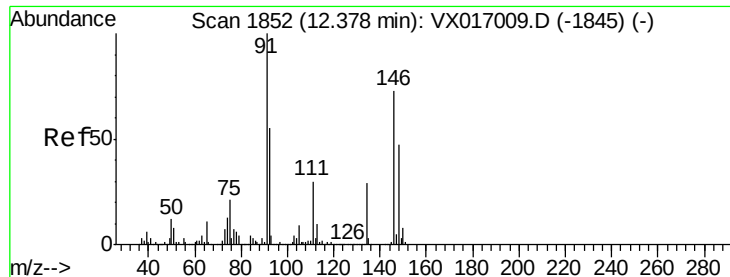
MMDadoda
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#90
Hexachloroethane
Concen: 48.742 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.4	39.4	118.2





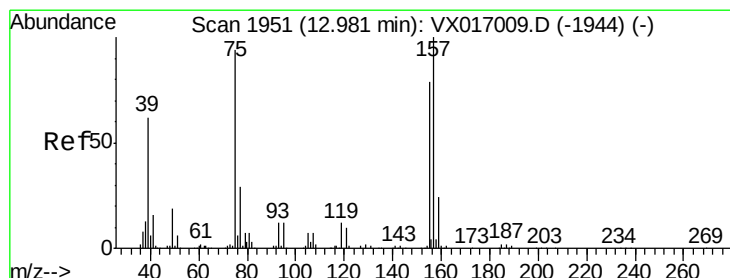
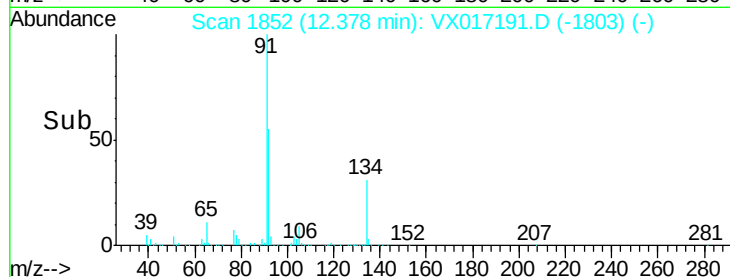
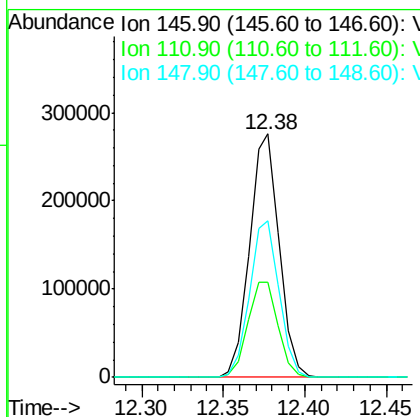
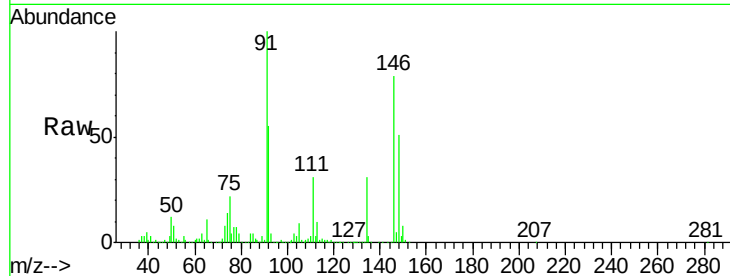
#91
 1,2-Dichlorobenzene
 Concen: 48.113 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	64.3	32.4	97.2

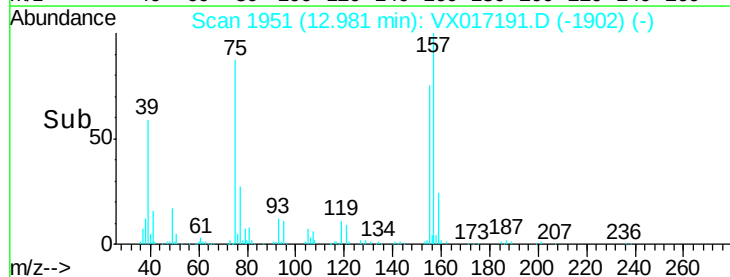
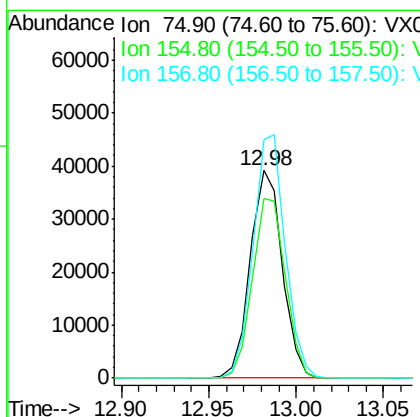
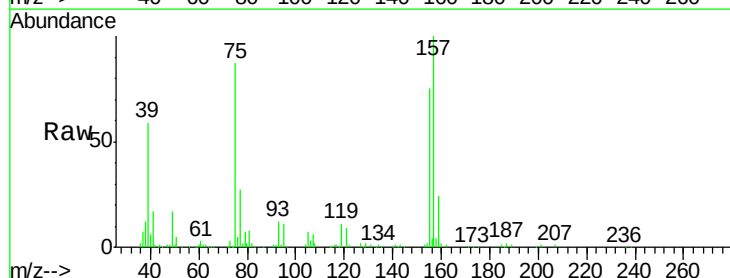
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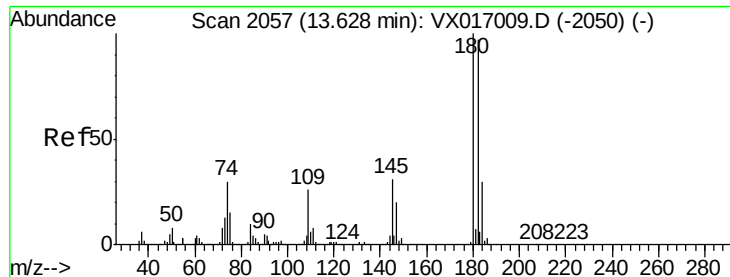
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.015 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	45.1	135.2
157	117.0	56.5	169.3





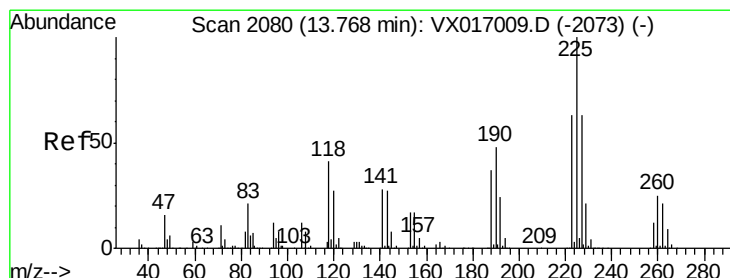
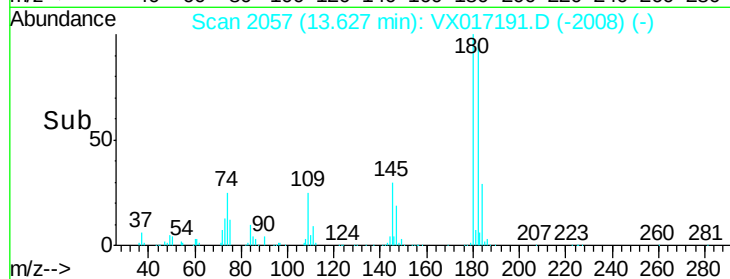
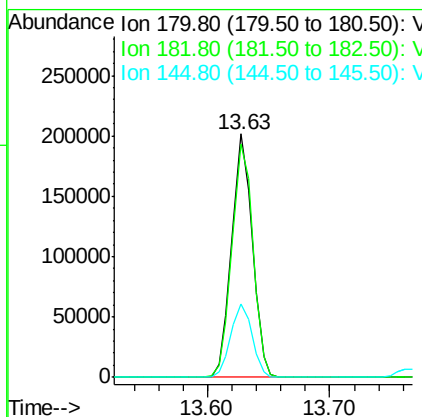
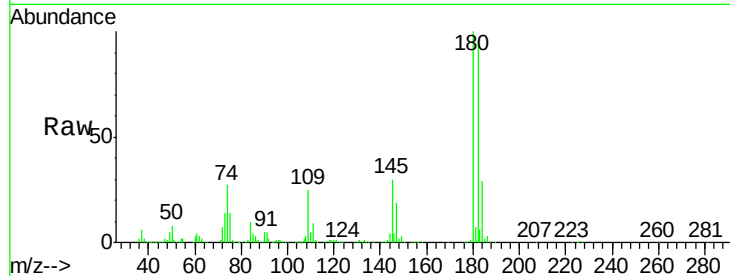
#93
 1,2,4-Trichlorobenzene
 Concen: 47.536 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	234627		
182	97.8	47.3	141.9	
145	31.3	15.4	46.2	

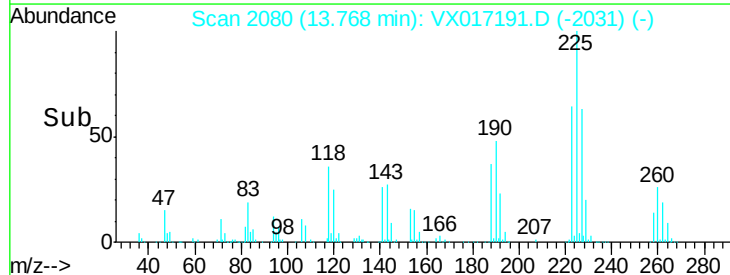
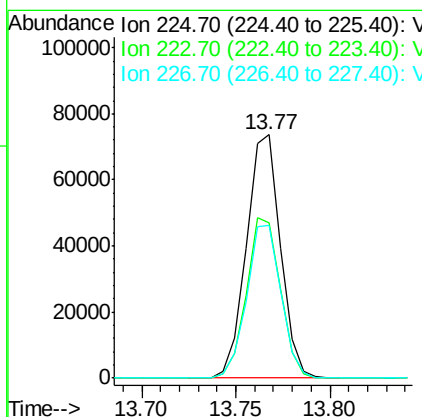
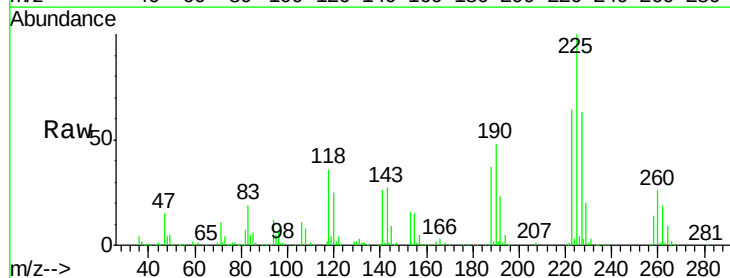
Manual Integrations
 APPROVED

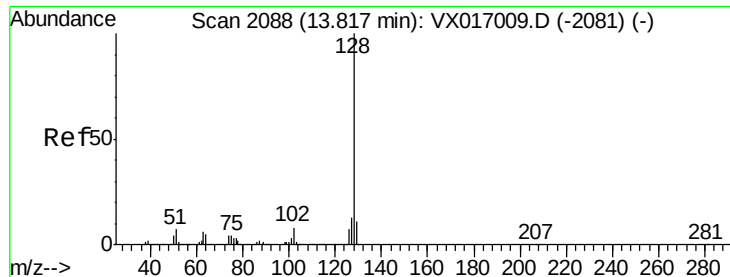
MMDadoda
 7/8/2020 9:31:23 AM



#94
 Hexachlorobutadiene
 Concen: 49.191 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	92119		
223	65.8	32.5	97.5	
227	63.7	33.1	99.2	





#95

Naphthalene

Concen: 47.964 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

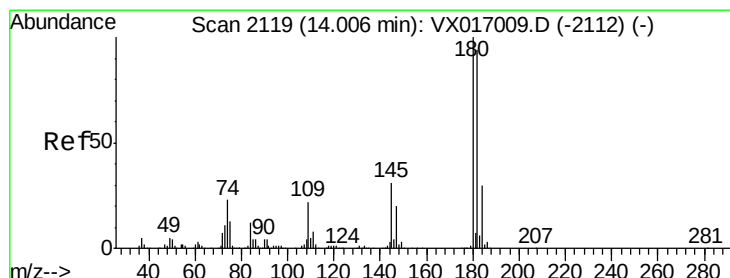
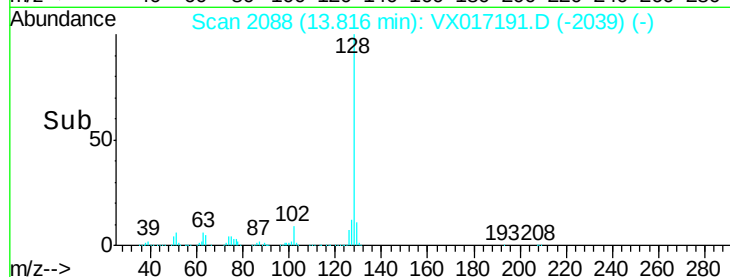
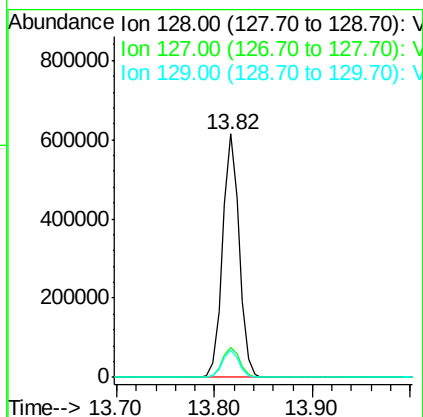
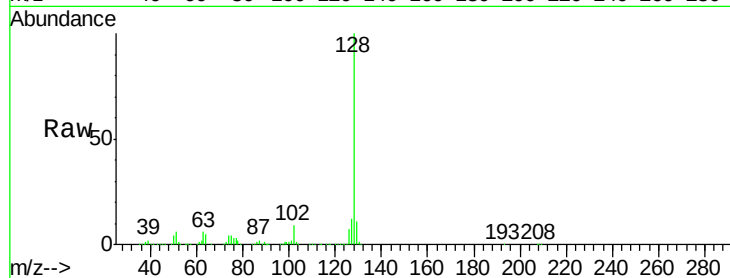
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	719726
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:31:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.771 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion:	180	Resp:	232964
Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.1	141.4
145	32.8	16.6	49.7

