

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070120\
 Data File : VX017114.D
 Acq On : 01 Jul 2020 21:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:15:28 AM

Quant Time: Jul 02 03:51:43 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	256376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	394202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196292	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	145124	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
35) Dibromofluoromethane	5.46	113	119436	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	8.70	98	433815	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.12	95	172046	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	118193	47.653	ug/l	99
3) Chloromethane	1.31	50	130222	43.375	ug/l	99
4) Vinyl Chloride	1.39	62	127140	45.643	ug/l	99
5) Bromomethane	1.62	94	68500	46.546	ug/l	99
6) Chloroethane	1.71	64	75271	45.753	ug/l	97
7) Trichlorofluoromethane	1.92	101	202905	49.253	ug/l	98
8) Diethyl Ether	2.17	74	70157	50.609	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	117821	47.718	ug/l	97
10) Methyl Iodide	2.49	142	149268	46.851	ug/l	99
11) Tert butyl alcohol	3.01	59	145529	241.362	ug/l	99
12) 1,1-Dichloroethene	2.36	96	118362	46.664	ug/l	96
13) Acrolein	2.28	56	60826	168.759	ug/l	97
14) Allyl chloride	2.71	41	212528	45.338	ug/l	99
15) Acrylonitrile	3.12	53	354606	244.646	ug/l	99
16) Acetone	2.42	43	288093	243.661	ug/l	98
17) Carbon Disulfide	2.55	76	336889	47.597	ug/l	100
18) Methyl Acetate	2.75	43	155494	50.378	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	420984	49.452	ug/l	100
20) Methylene Chloride	2.84	84	136536	50.357	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133085	47.280	ug/l	97
22) Diisopropyl ether	3.82	45	420557	48.474	ug/l	96
23) Vinyl Acetate	3.79	43	1864741	250.121	ug/l	100
24) 1,1-Dichloroethane	3.67	63	235963	47.799	ug/l	99
25) 2-Butanone	4.64	43	479969	243.626	ug/l	98
26) 2,2-Dichloropropane	4.55	77	184977	42.201	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	148768	46.645	ug/l	99
28) Bromochloromethane	4.98	49	111490	46.411	ug/l	97
29) Tetrahydrofuran	5.09	42	320785	246.437	ug/l	100
30) Chloroform	5.18	83	244509	48.317	ug/l	100
31) Cyclohexane	5.55	56	203110	47.599	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	223521	47.961	ug/l	98
36) 1,1-Dichloropropene	5.77	75	179583	48.201	ug/l	99
37) Ethyl Acetate	4.79	43	189504	50.132	ug/l	99
38) Carbon Tetrachloride	5.76	117	205316	50.033	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202602	48.875	ug/l	97
40) Benzene	6.12	78	526807	48.125	ug/l	99
41) Methacrylonitrile	5.01	41	107183	50.379	ug/l	99
42) 1,2-Dichloroethane	6.17	62	196859	49.787	ug/l	100
43) Isopropyl Acetate	6.42	43	311327	49.563	ug/l	99
44) Trichloroethene	7.19	130	152427	50.463	ug/l	98
45) 1,2-Dichloropropane	7.49	63	138009	49.086	ug/l	98
46) Dibromomethane	7.64	93	95766	49.891	ug/l	98
47) Bromodichloromethane	7.87	83	198452	50.168	ug/l	95
48) Methyl methacrylate	7.74	41	156376	52.400	ug/l	99
49) 1,4-Dioxane	7.71	88	65354	966.657	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	971852	259.550	ug/l	99
52) Toluene	8.77	92	341578	49.978	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	216621	49.632	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	228632	48.866	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	139035	49.791	ug/l	99
56) Ethyl methacrylate	9.16	69	210203	52.888	ug/l	100
57) 1,3-Dichloropropane	9.35	76	233173	49.349	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	525905	265.870	ug/l	99
59) 2-Hexanone	9.47	43	732011	267.681	ug/l	100
60) Dibromochloromethane	9.57	129	167882	51.764	ug/l	99
61) 1,2-Dibromoethane	9.65	107	151370	50.431	ug/l	98
64) Tetrachloroethene	9.32	164	143282	47.778	ug/l	98
65) Chlorobenzene	10.12	112	375309	48.937	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	149594	50.613	ug/l	100
67) Ethyl Benzene	10.23	91	651796	50.890	ug/l	100
68) m/p-Xylenes	10.34	106	509086	103.519	ug/l	98
69) o-Xylene	10.68	106	241244	51.567	ug/l	99
70) Styrene	10.70	104	427767	53.695	ug/l	99
71) Bromoform	10.84	173	129148	55.102	ug/l #	98
73) Isopropylbenzene	11.00	105	654481	50.903	ug/l	100
74) N-amyl acetate	10.88	43	279063	50.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	200147	49.488	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	195551m	50.661	ug/l	
77) Bromobenzene	11.24	156	175183	49.575	ug/l	97
78) n-propylbenzene	11.34	91	740181	50.908	ug/l	100
79) 2-Chlorotoluene	11.40	91	448378	50.955	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	554751	52.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73294	49.173	ug/l	96
82) 4-Chlorotoluene	11.49	91	533608	50.727	ug/l	99
83) tert-Butylbenzene	11.76	119	537784	51.368	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	562315	51.972	ug/l	100
85) sec-Butylbenzene	11.93	105	620440	50.417	ug/l	100
86) p-Isopropyltoluene	12.05	119	586614	51.205	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	307812	47.962	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	311112	51.409	ug/l	100
89) n-Butylbenzene	12.37	91	500523	48.931	ug/l	100
90) Hexachloroethane	12.58	117	110419	48.876	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	295415	49.244	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46617	48.318	ug/l	99

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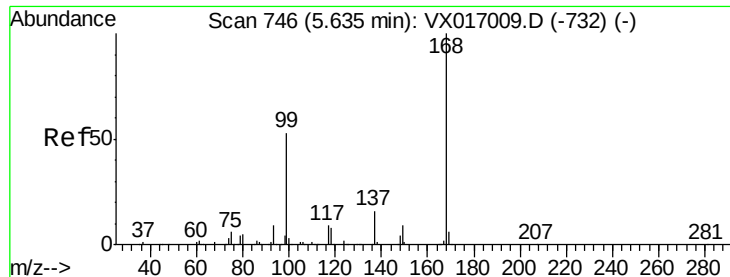
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205213	50.118	ug/l	100
94) Hexachlorobutadiene	13.76	225	75262	48.458	ug/l	98
95) Naphthalene	13.82	128	669541	53.786	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	203269	51.297	ug/l	100

(#) = 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

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Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 256376

Ion Ratio Lower Upper

168 100

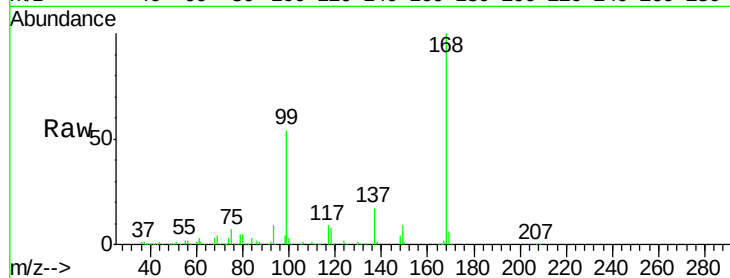
99 53.9 42.6 64.0

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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

80000

60000

40000

20000

0

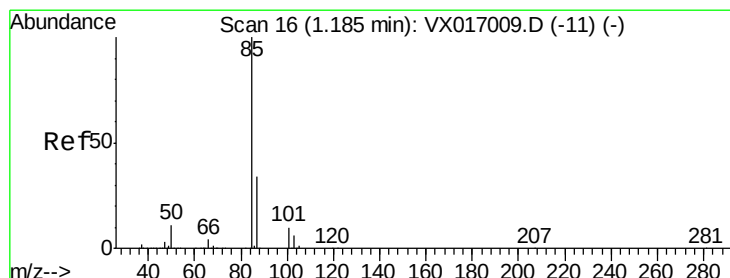
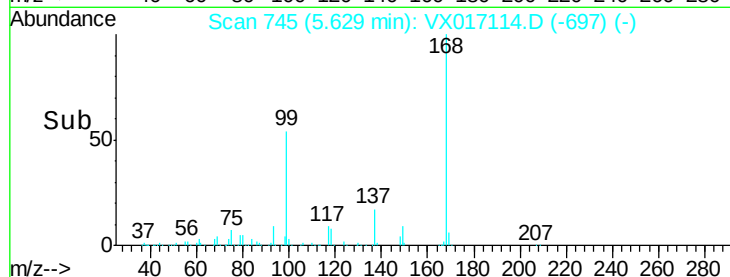
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.653 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017114.D

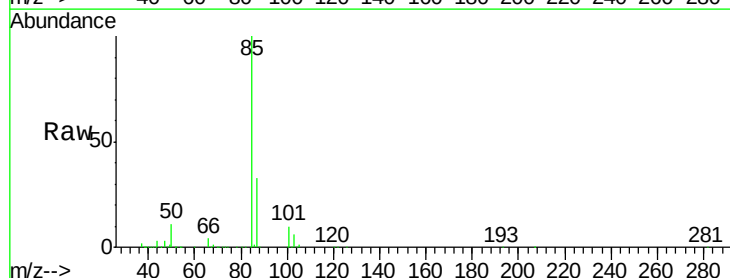
Acq: 01 Jul 2020 21:42

Tgt Ion: 85 Resp: 118193

Ion Ratio Lower Upper

85 100

87 33.2 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

150000

100000

50000

0

1.10

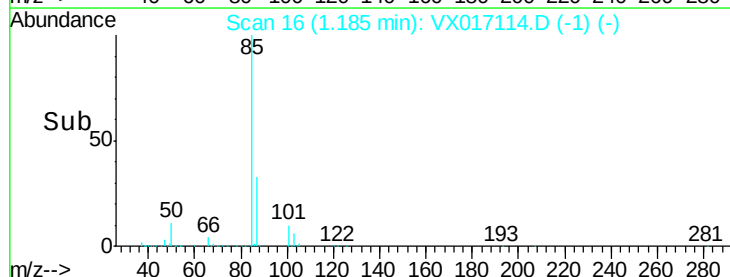
1.15

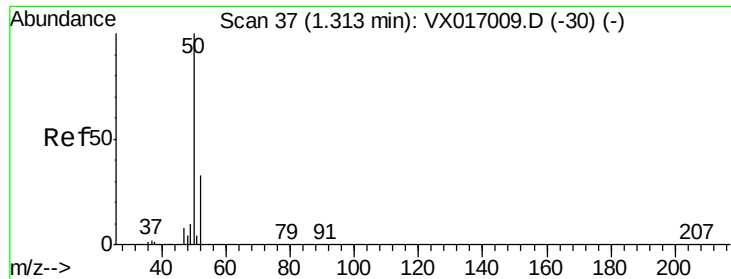
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 43.375 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 130222

Ion Ratio Lower Upper

50 100

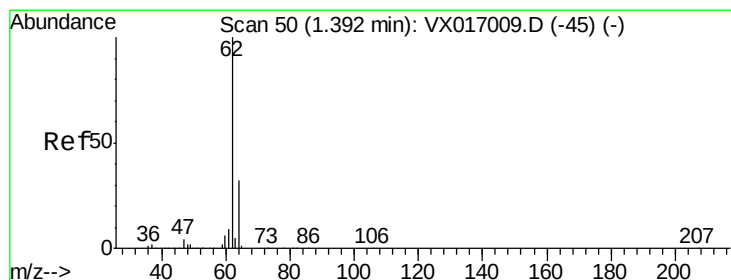
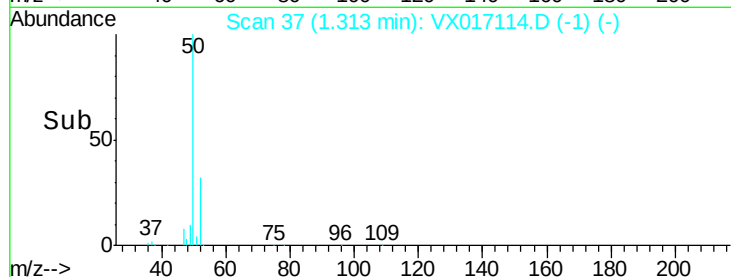
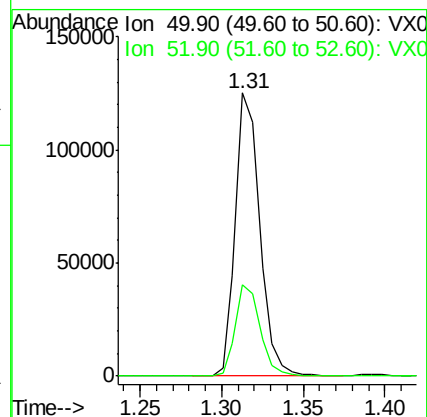
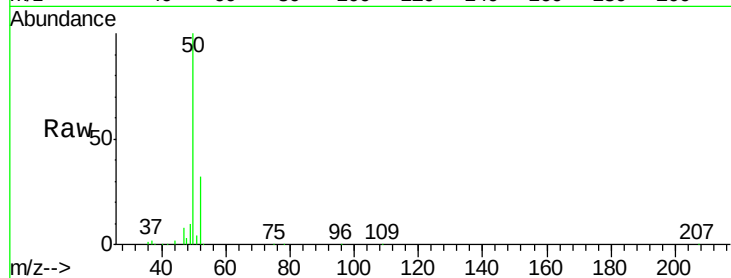
52 32.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 45.643 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017114.D

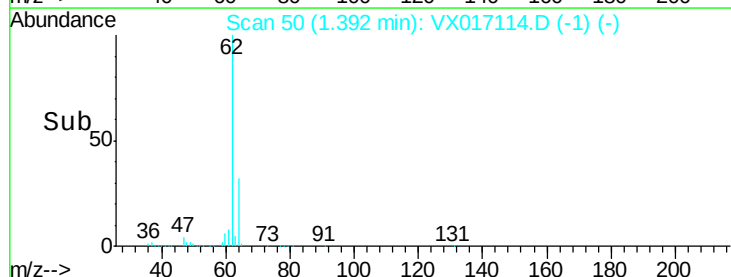
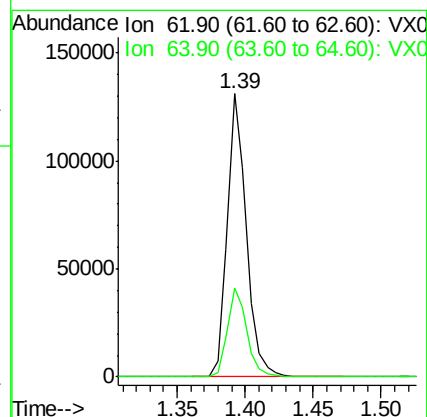
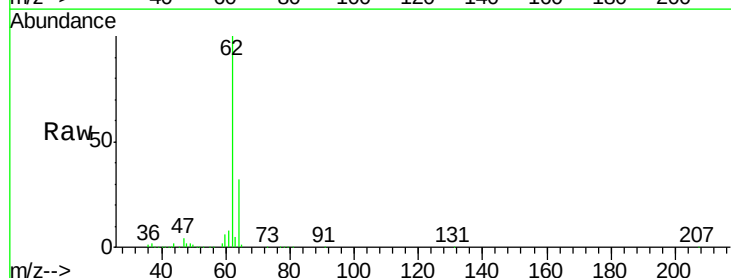
Acq: 01 Jul 2020 21:42

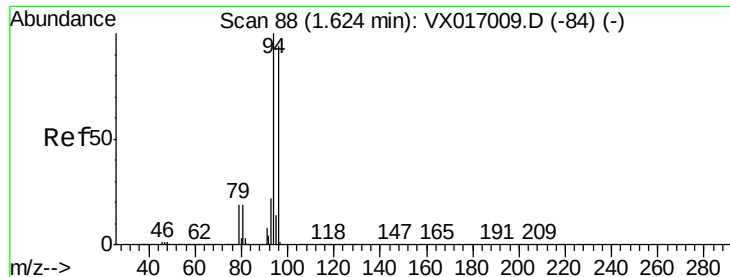
Tgt Ion: 62 Resp: 127140

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 46.546 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 68500

Ion Ratio Lower Upper

94 100

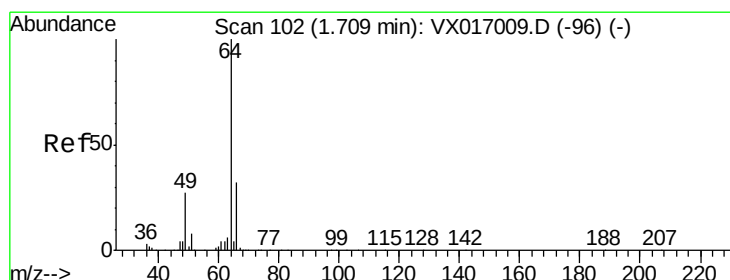
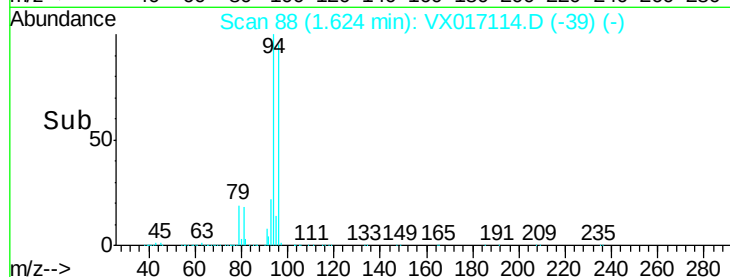
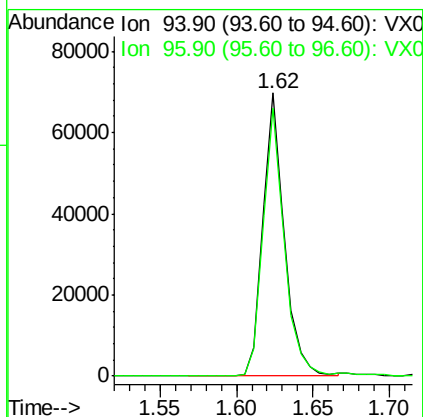
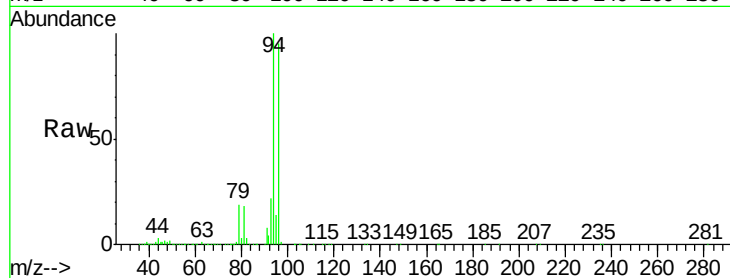
96 94.7 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 45.753 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017114.D

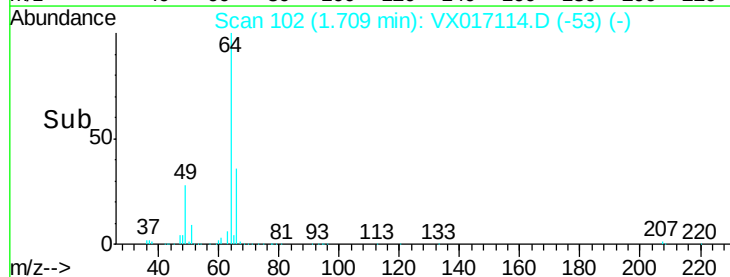
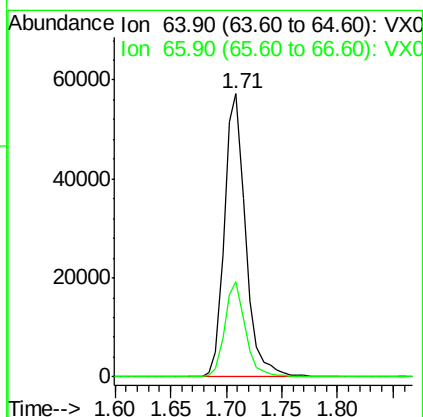
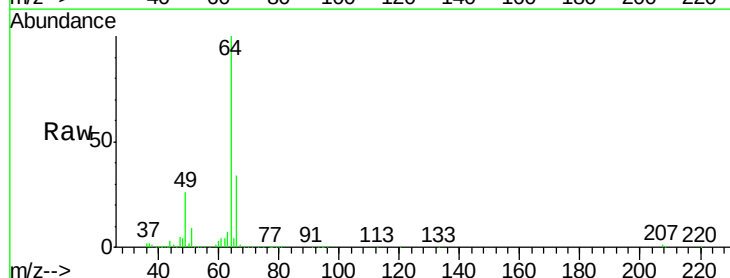
Acq: 01 Jul 2020 21:42

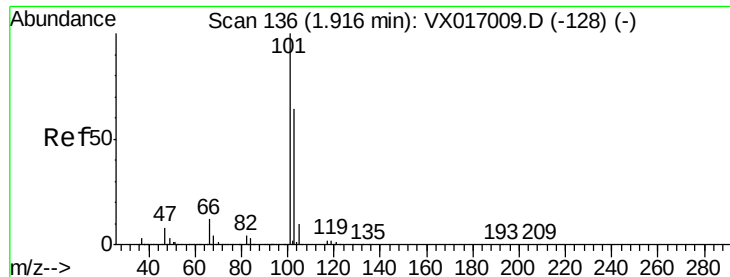
Tgt Ion: 64 Resp: 75271

Ion Ratio Lower Upper

64 100

66 33.7 25.5 38.3





#7

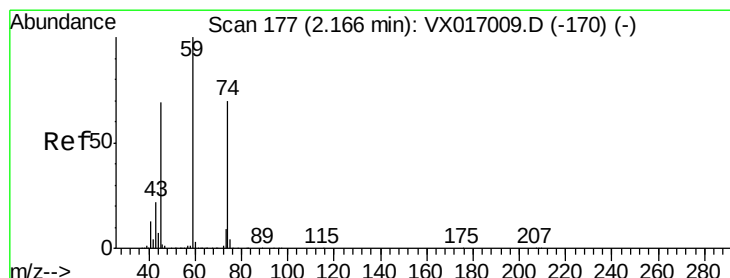
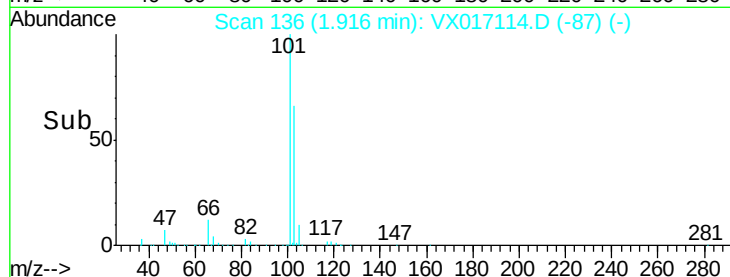
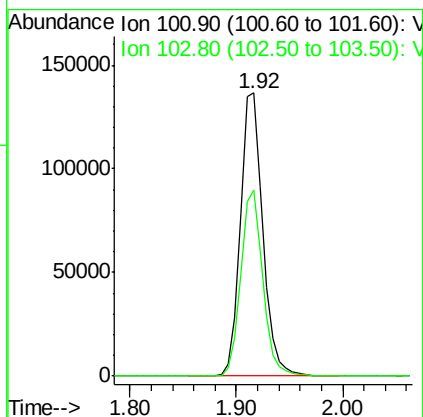
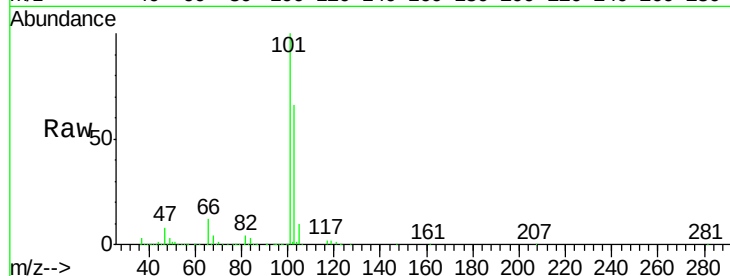
Trichlorofluoromethane
Concen: 49.253 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017114.D
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.5	77.3

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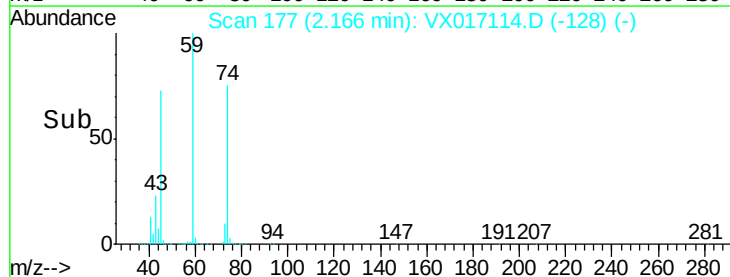
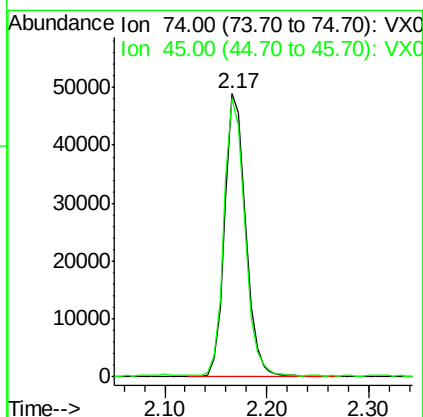
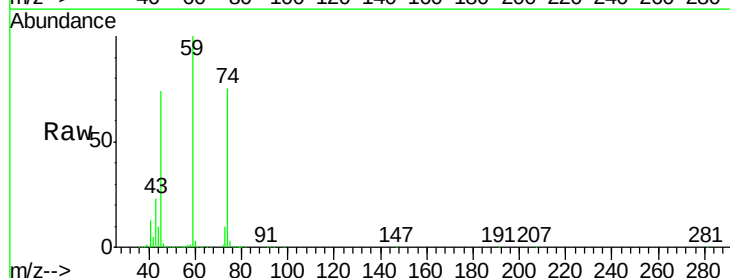
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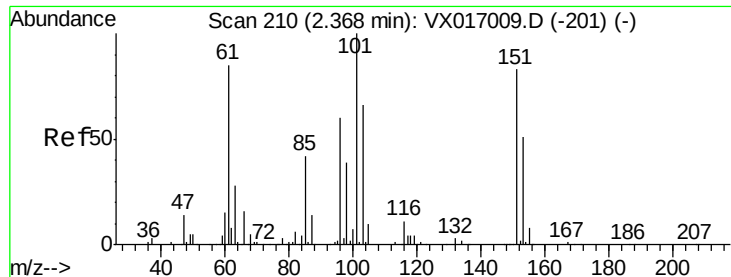


#8

Diethyl Ether
Concen: 50.609 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.718 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

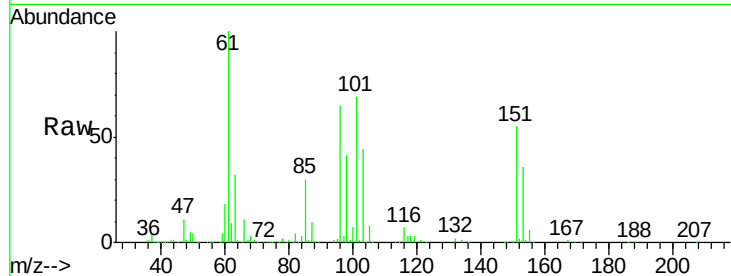
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	117821
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.5	50.3
151	82.9	63.8	95.6

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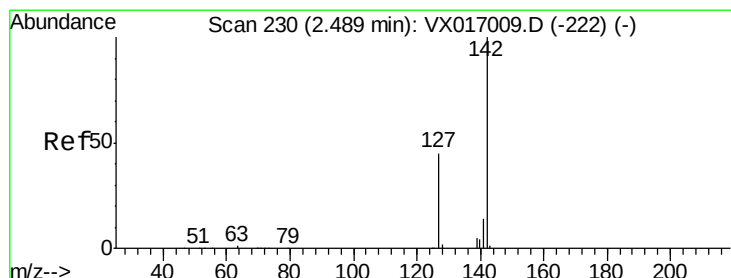
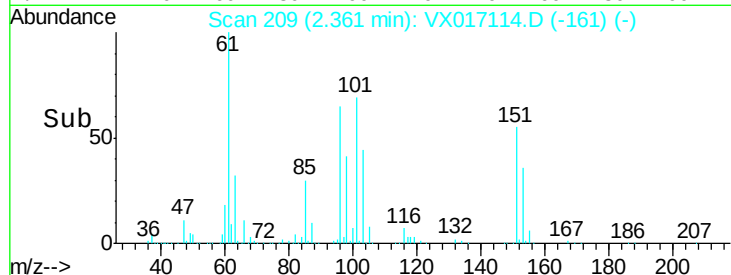
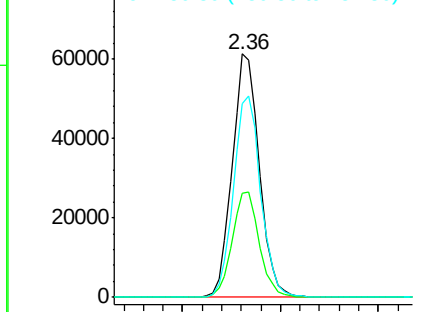


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.851 ug/l

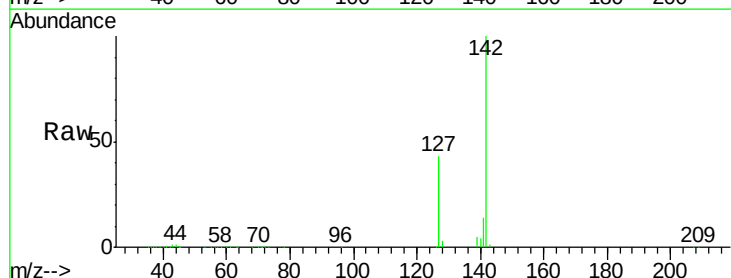
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion:	142	Resp:	149268
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.6	54.8
141	14.6	11.6	17.4

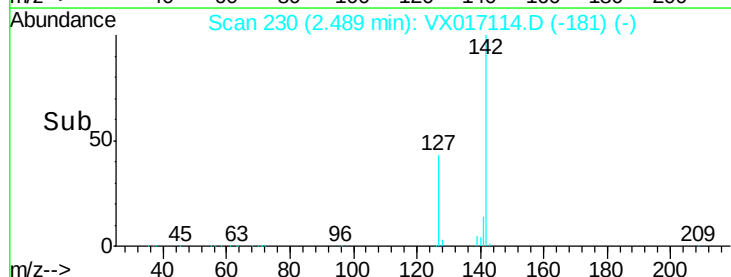
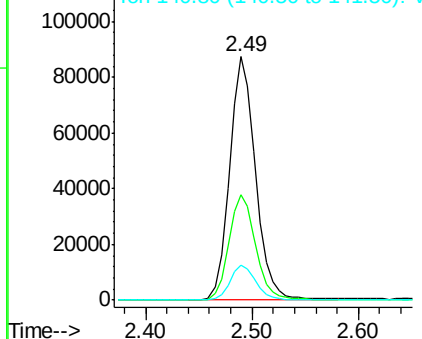


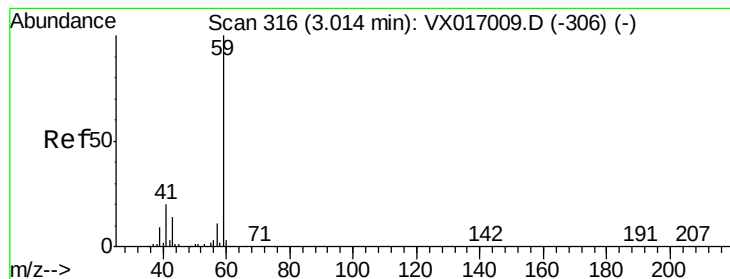
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

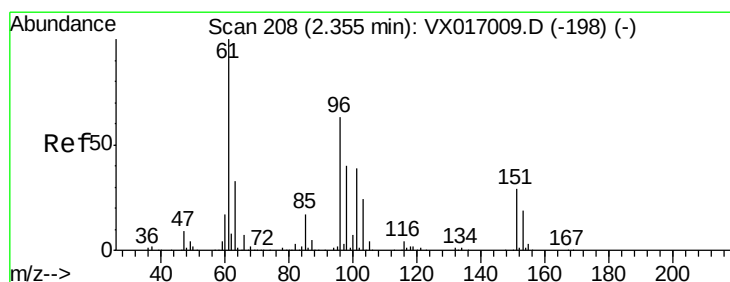
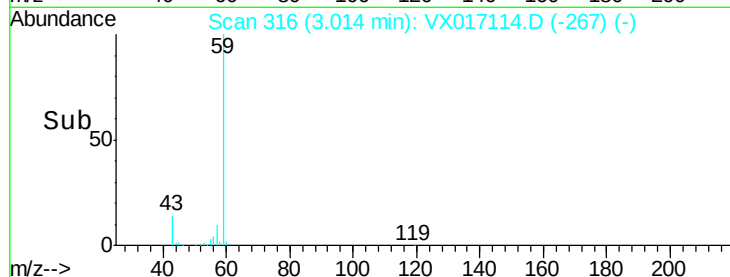
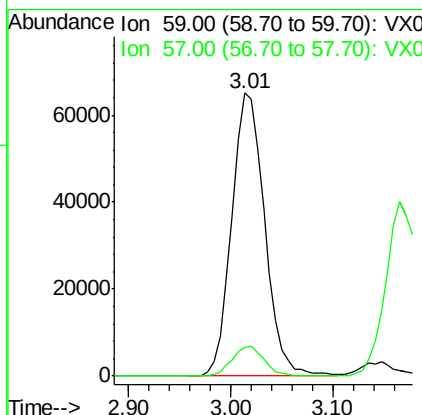
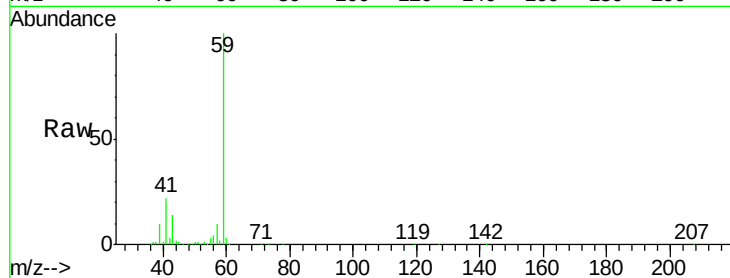
Tert butyl alcohol
 Concen: 241.362 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

Manual Integrations
 APPROVED

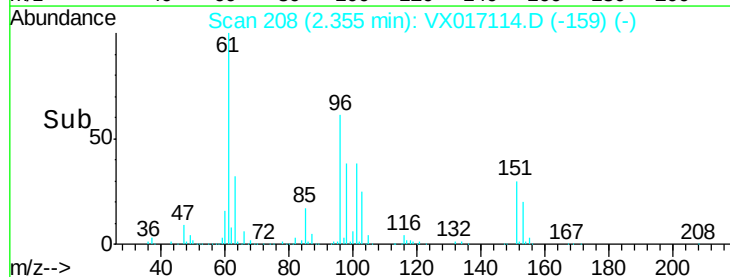
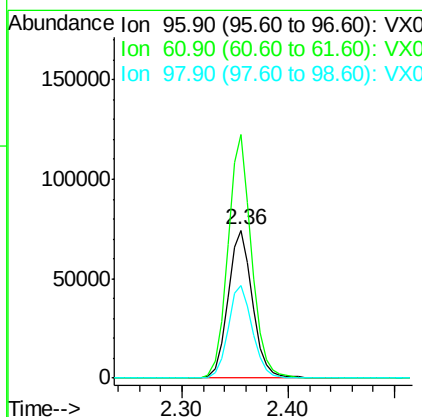
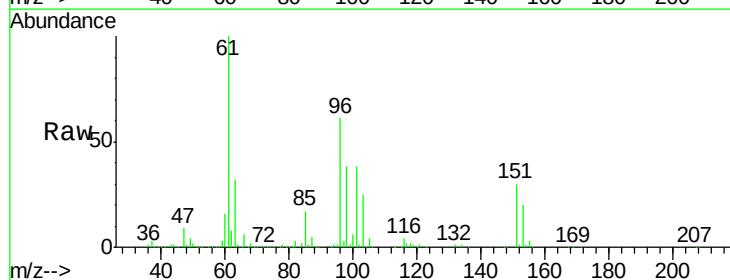
MMDadoda
 7/2/2020 9:15:28 AM

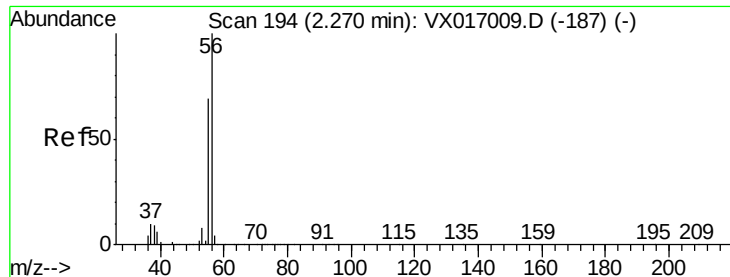


#12

1,1-Dichloroethene
 Concen: 46.664 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.2	126.3	189.5
98	62.5	51.0	76.6





#13

Acrolein

Concen: 168.759 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 60826

Ion Ratio Lower Upper

56 100

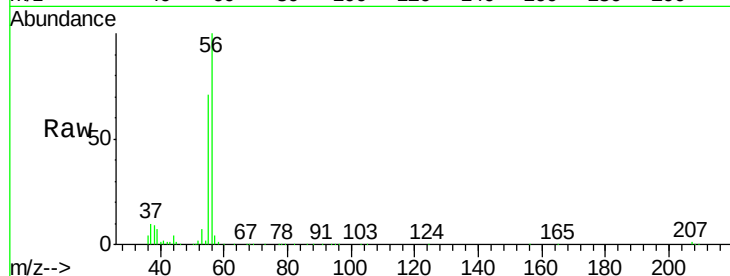
55 71.8

55.7 83.5

Manual Integrations
APPROVED

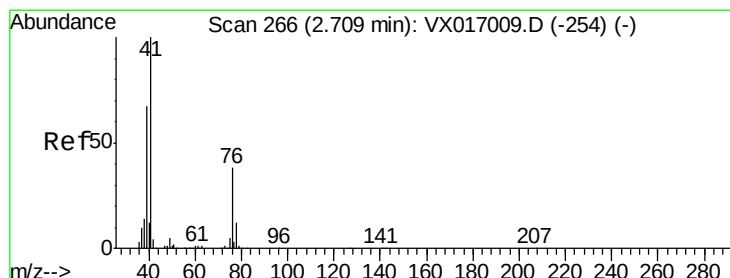
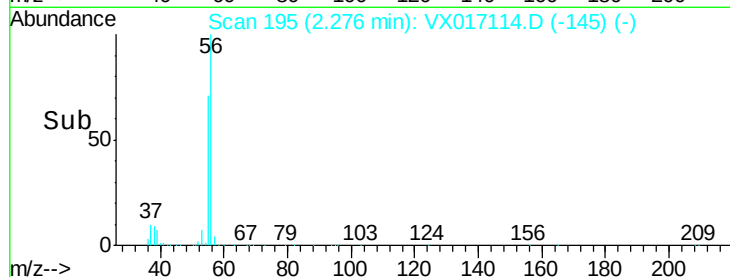
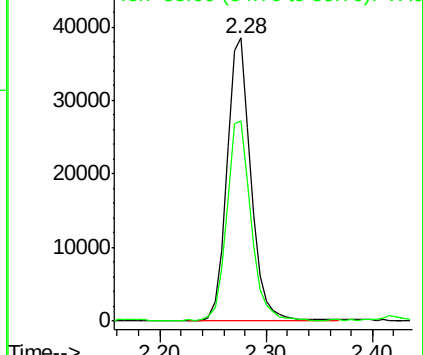
MMDadoda

7/2/2020 9:15:28 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.338 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion: 41 Resp: 212528

Ion Ratio Lower Upper

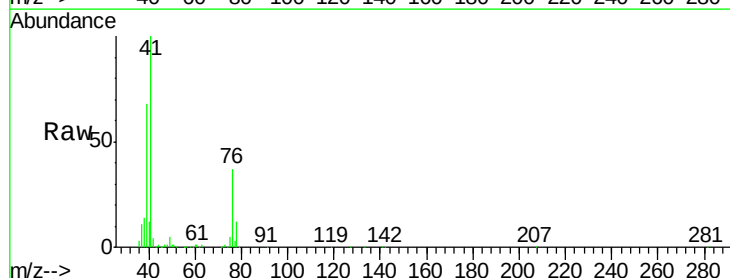
41 100

39 62.8

76 33.1

49.4 74.2

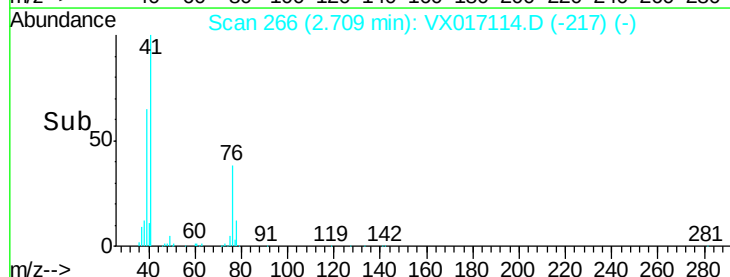
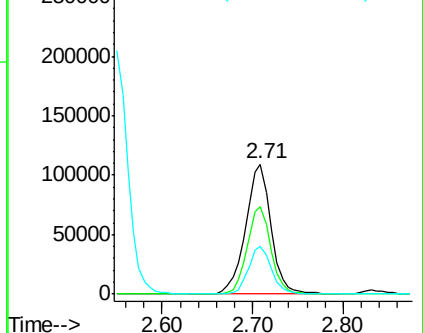
26.8 40.2

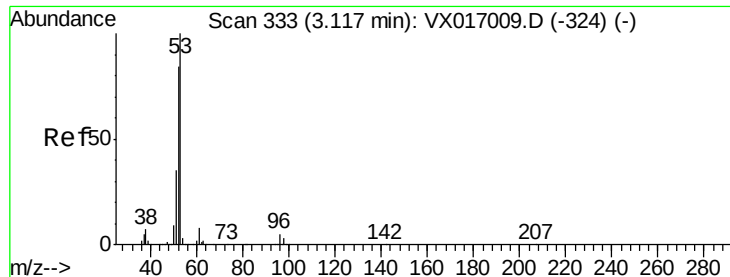


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





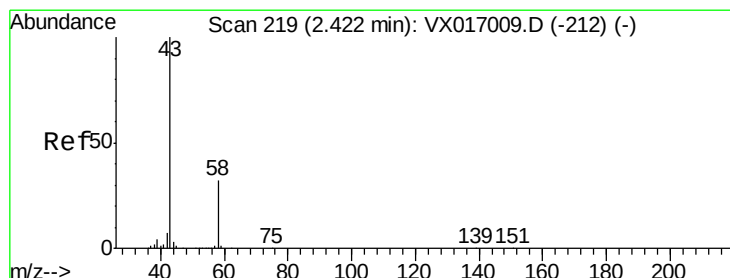
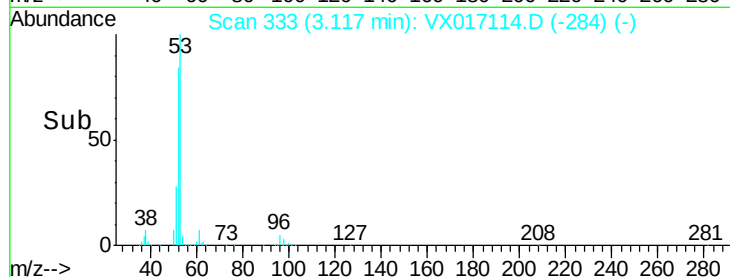
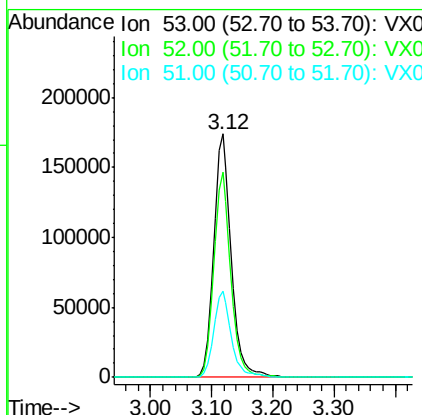
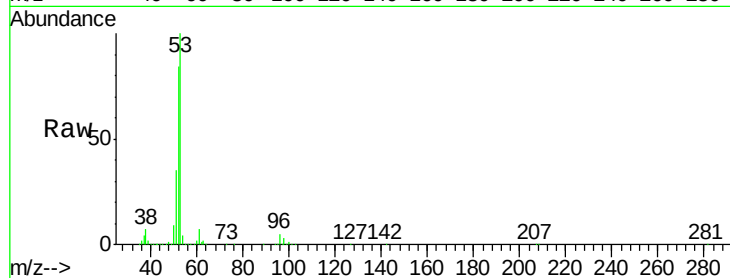
#15
 Acrylonitrile
 Concen: 244.646 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.6	98.4
51	36.0	28.3	42.5

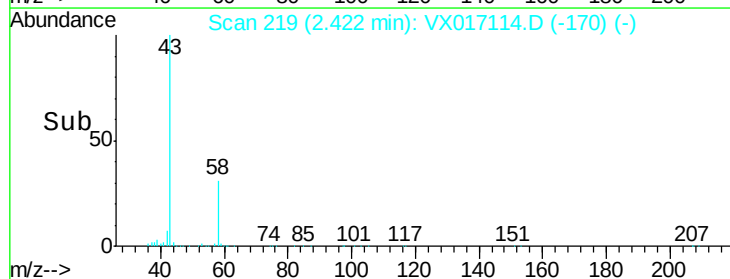
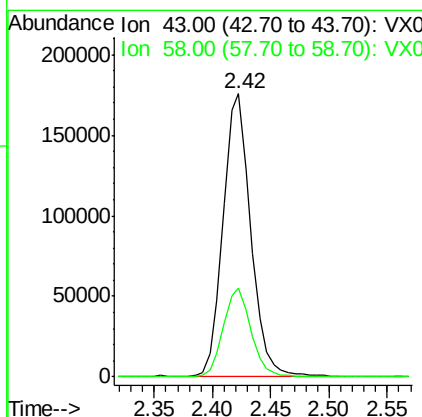
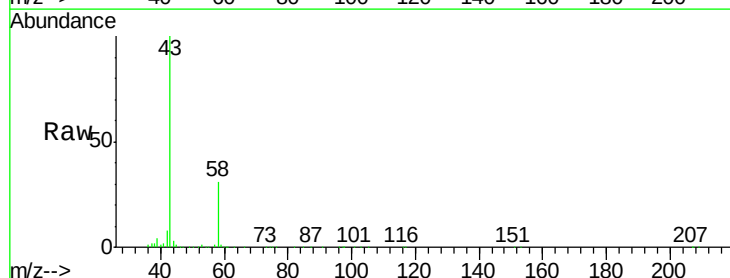
Manual Integrations
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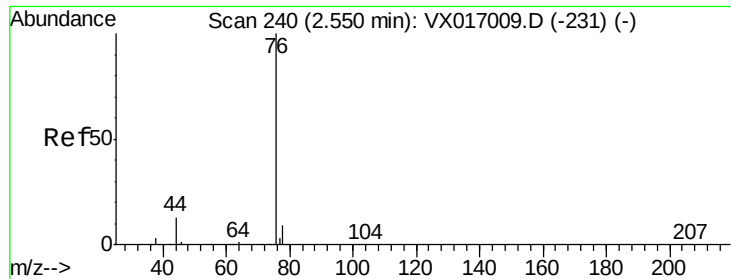
MMDadoda
 7/2/2020 9:15:28 AM



#16
 Acetone
 Concen: 243.661 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.7	38.5





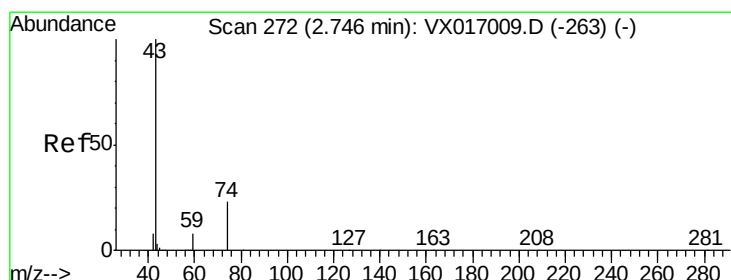
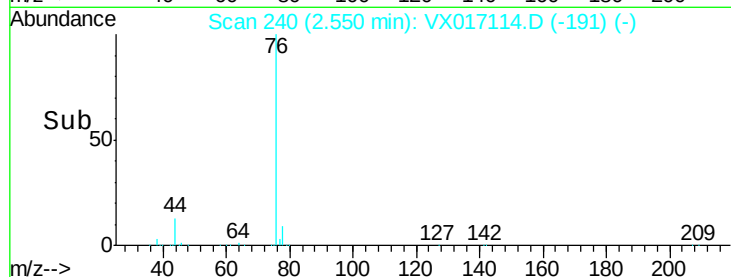
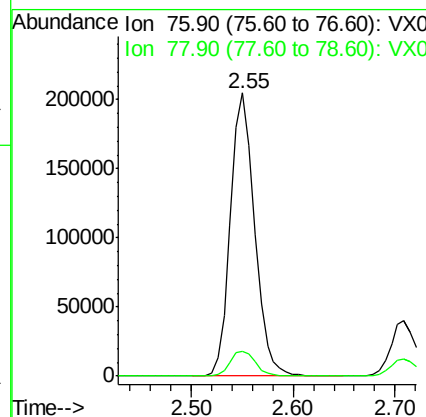
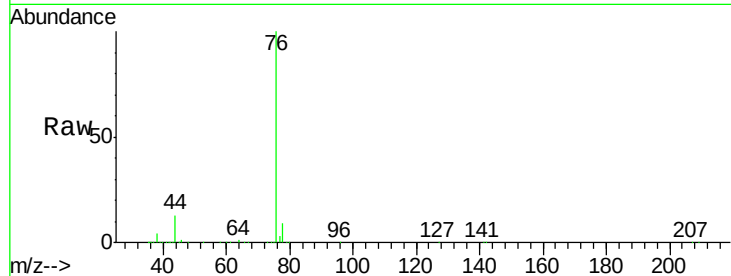
#17
Carbon Disulfide
Concen: 47.597 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

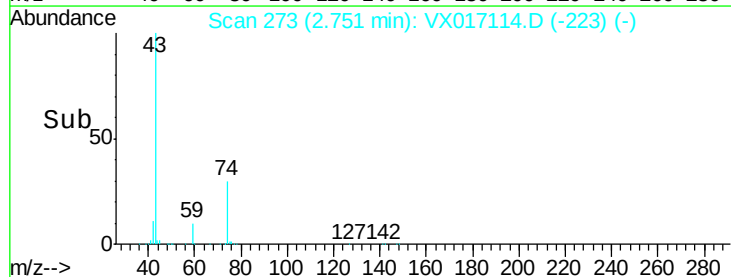
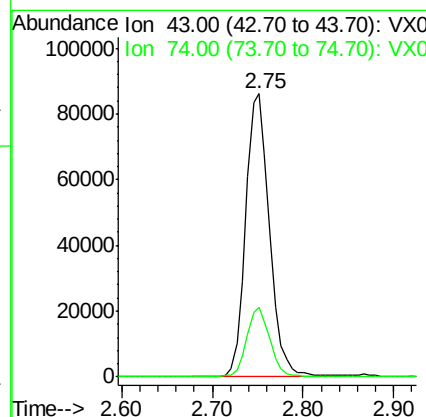
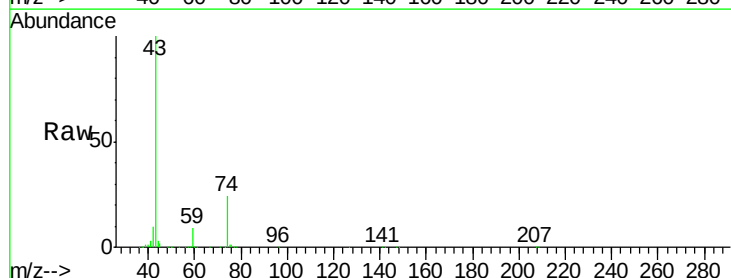
Manual Integrations
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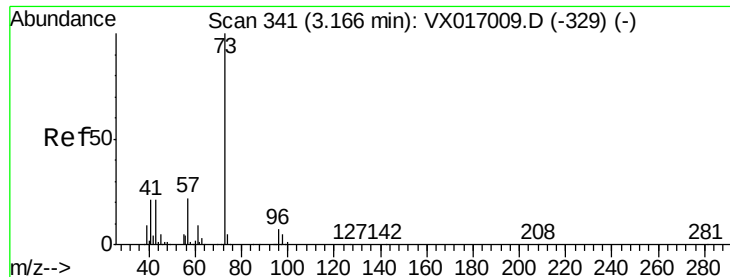
MMDadoda
7/2/2020 9:15:28 AM



#18
Methyl Acetate
Concen: 50.378 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.3	28.9





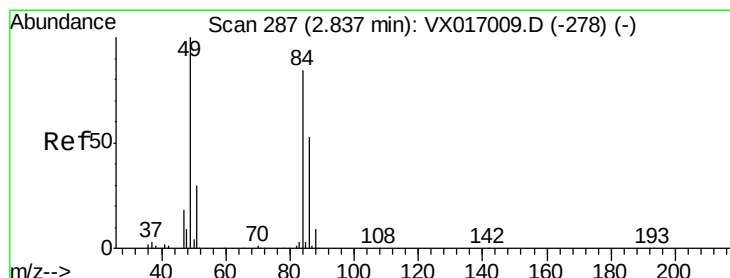
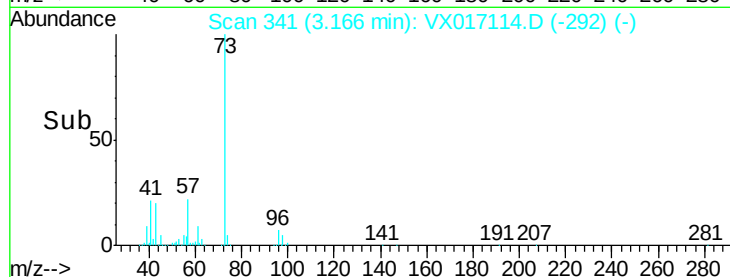
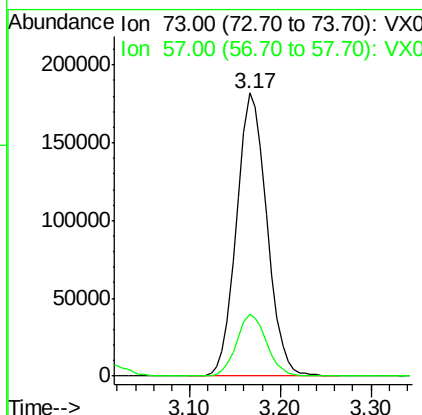
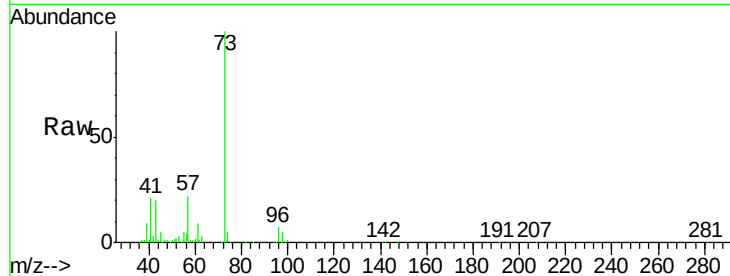
#19
Methyl tert-butyl Ether
Concen: 49.452 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.6	26.4

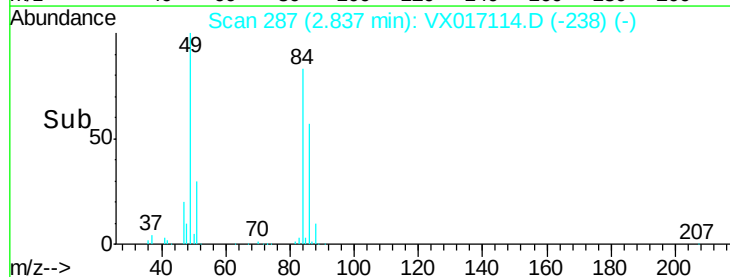
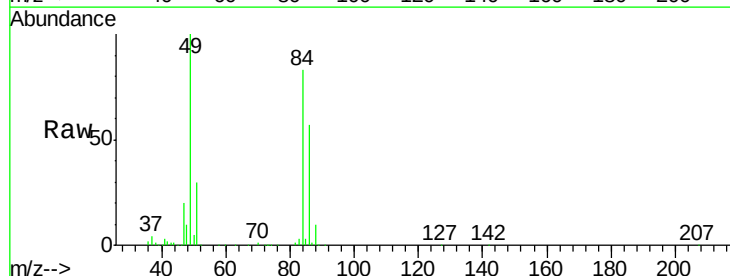
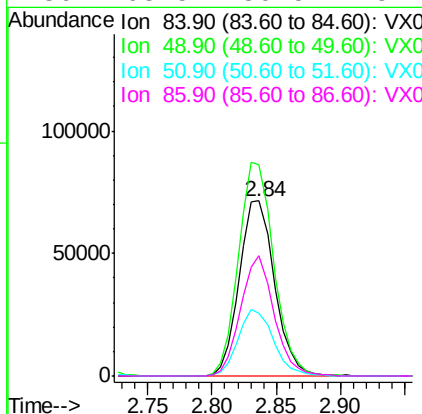
Manual Integrations
APPROVED

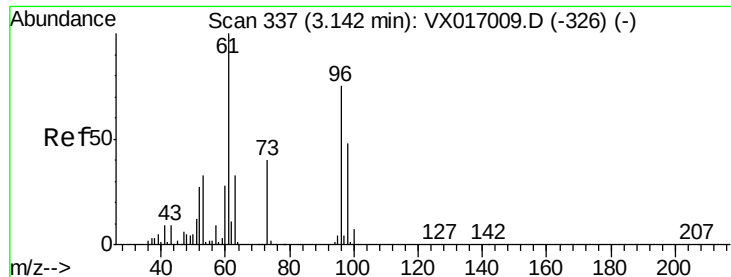
MMDadoda
7/2/2020 9:15:28 AM



#20
Methylene Chloride
Concen: 50.357 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	94.7	142.1
51	36.1	28.6	42.8
86	68.5	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 47.280 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

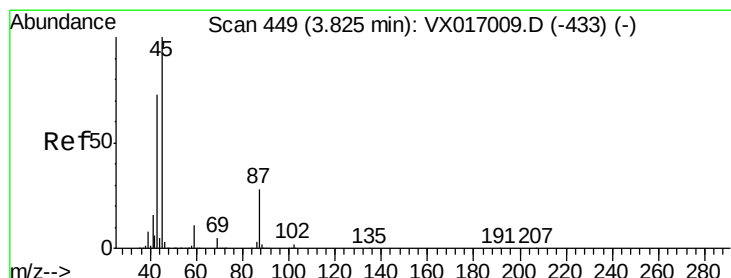
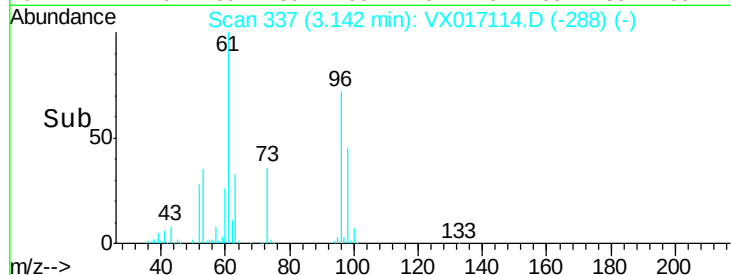
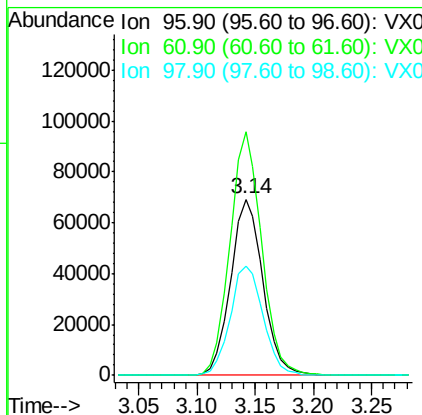
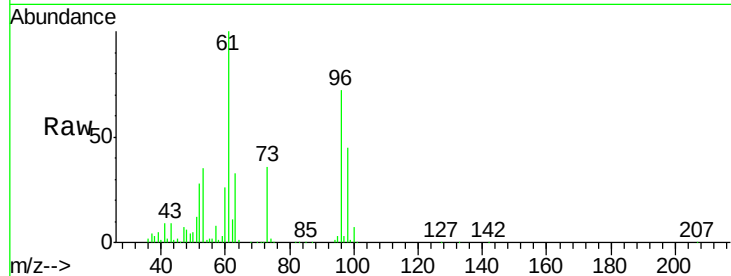
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	133085
Ion	Ratio	Lower	Upper
96	100		
61	138.4	107.0	160.6
98	62.3	51.6	77.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.474 ug/l

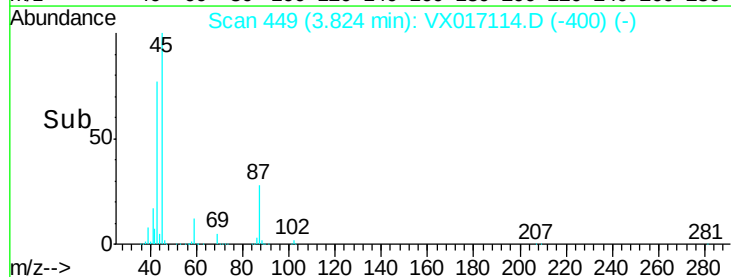
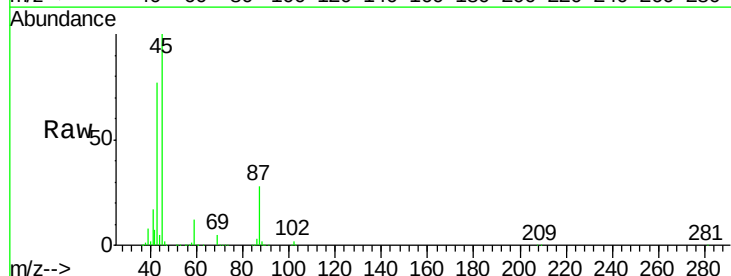
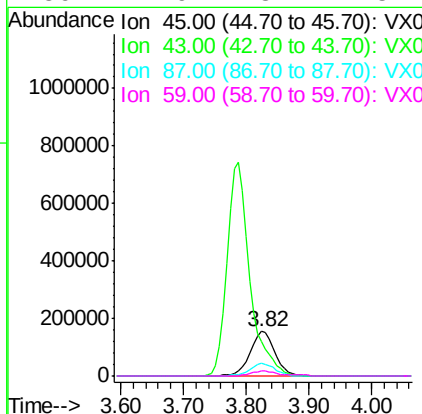
RT: 3.82 min Scan# 449

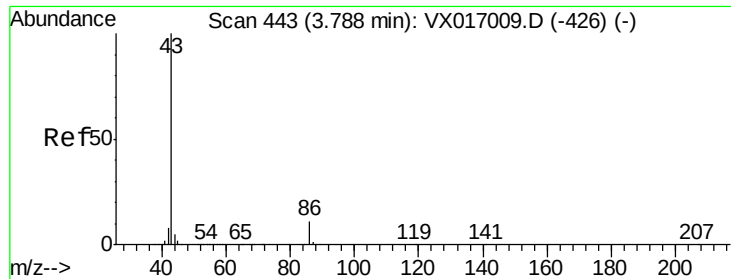
Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion:	45	Resp:	420557
Ion	Ratio	Lower	Upper
45	100		
43	77.1	58.6	88.0
87	27.5	22.6	34.0
59	11.9	8.7	13.1





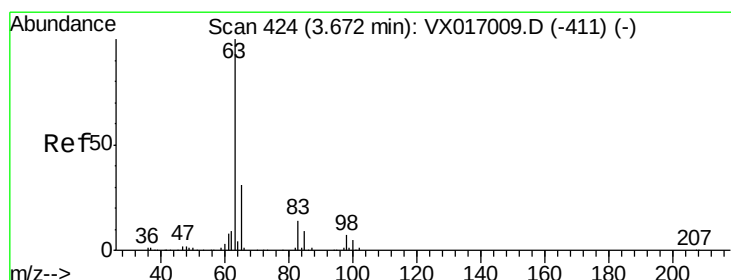
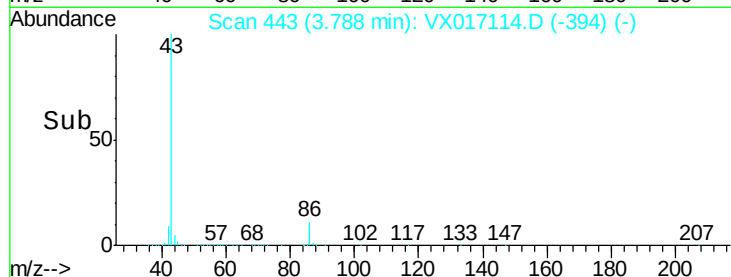
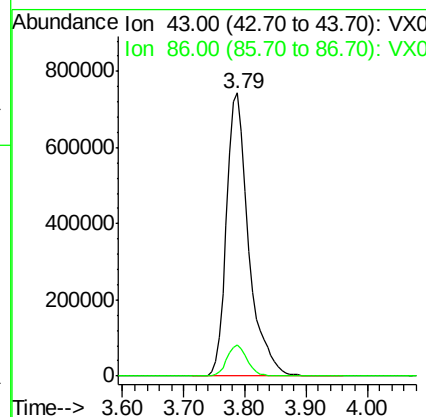
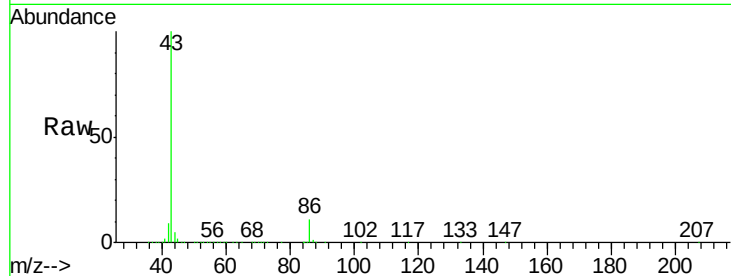
#23
 Vinyl Acetate
 Concen: 250.121 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1864741
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

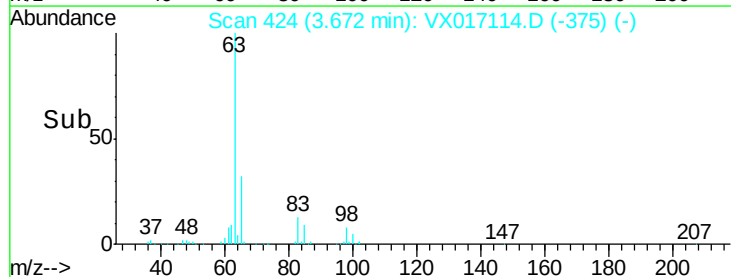
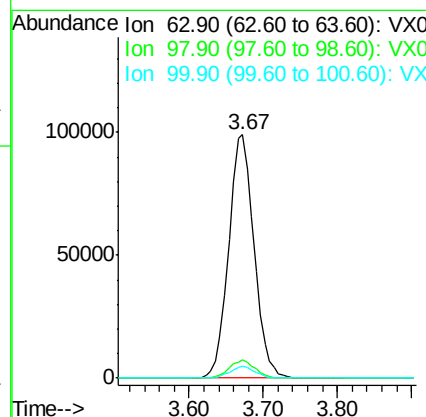
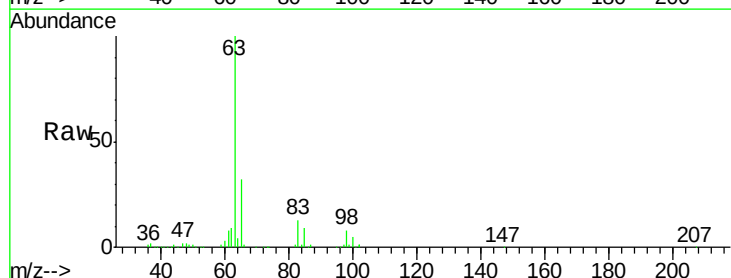
Manual Integrations
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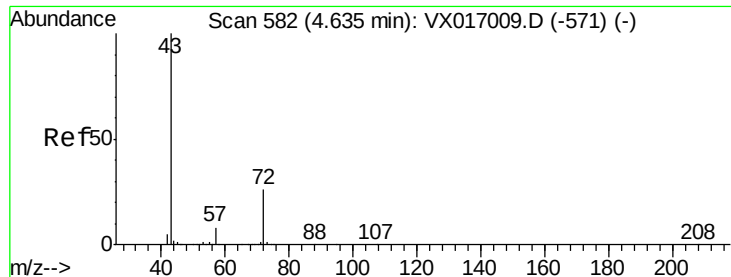
MMDadoda
 7/2/2020 9:15:28 AM



#24
 1,1-Dichloroethane
 Concen: 47.799 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion: 63 Resp: 235963
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 243.626 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 479969

Ion Ratio Lower Upper

43 100

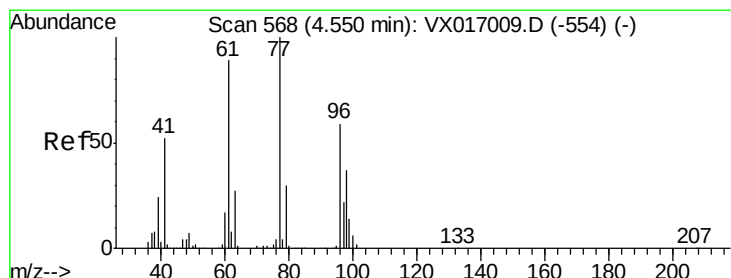
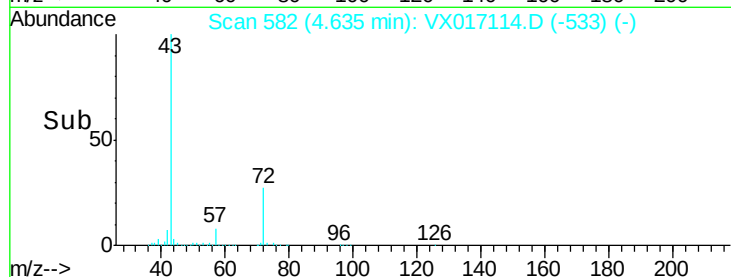
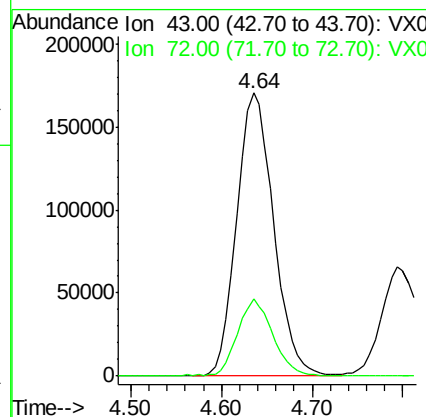
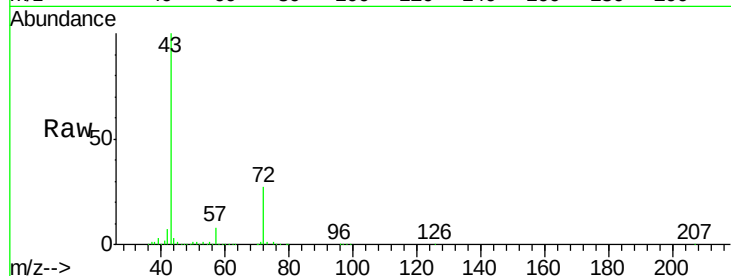
72 27.1 20.8 31.2

Manual Integrations

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MMDadoda

7/2/2020 9:15:28 AM



#26

2,2-Dichloropropane

Concen: 42.201 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017114.D

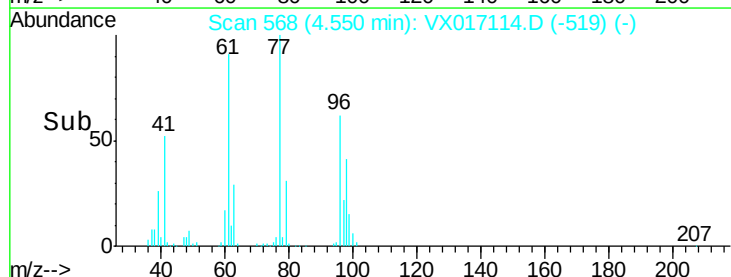
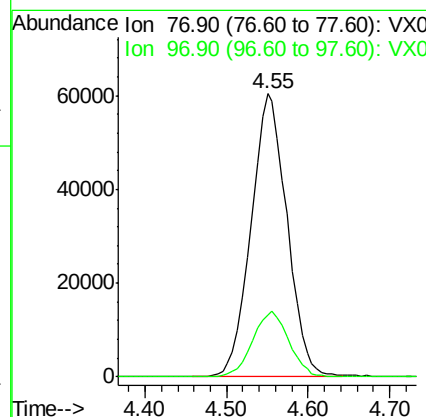
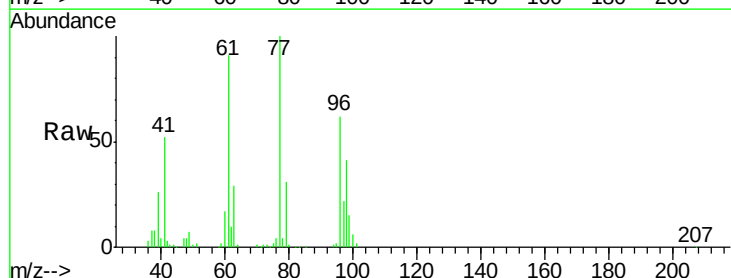
Acq: 01 Jul 2020 21:42

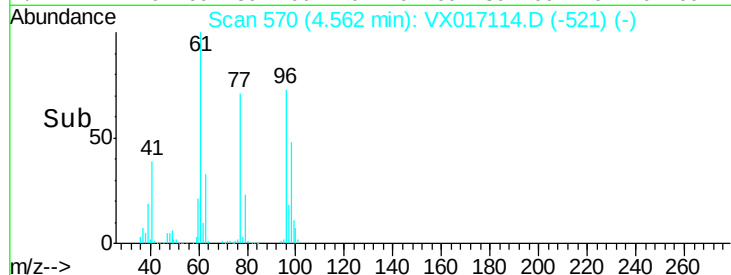
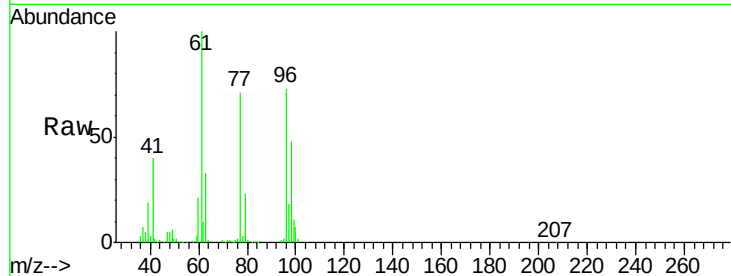
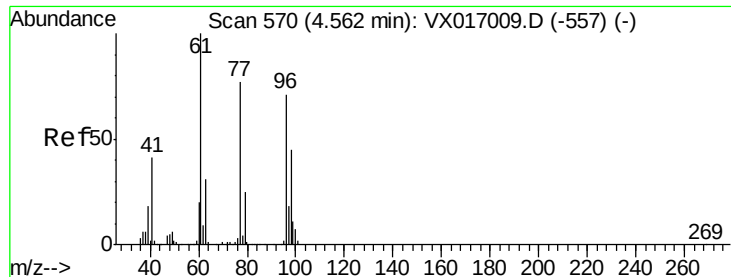
Tgt Ion: 77 Resp: 184977

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.2





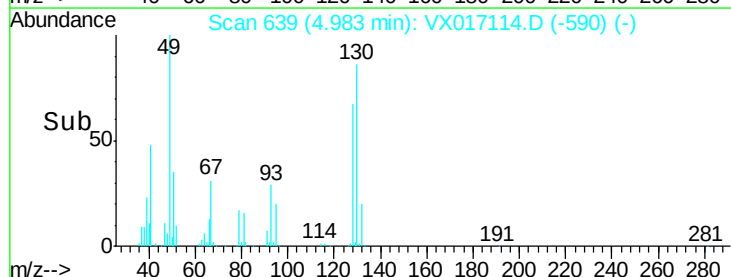
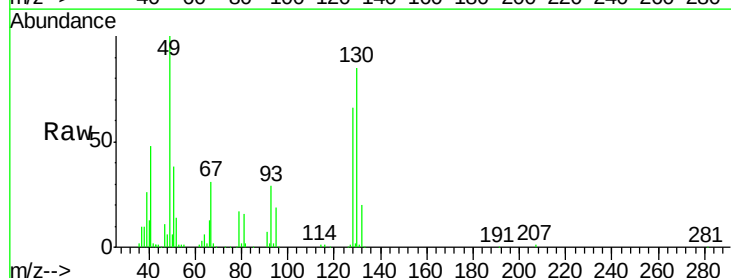
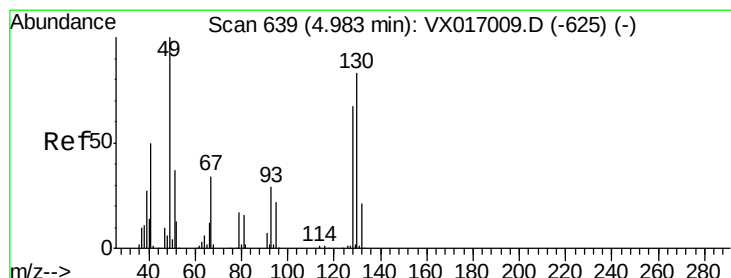
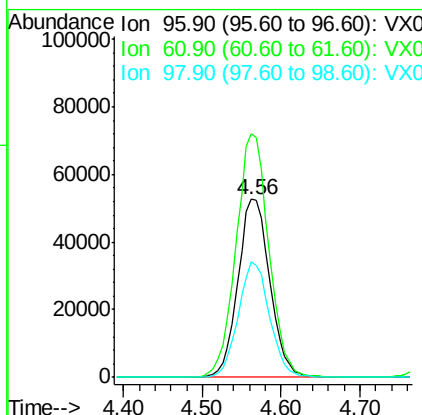
#27
 cis-1,2-Dichloroethene
 Concen: 46.645 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tot Ion	Ratio	Resp	Lower	Upper
96	100	148768		
61	139.9	0.0	282.8	
98	63.4	0.0	127.6	

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

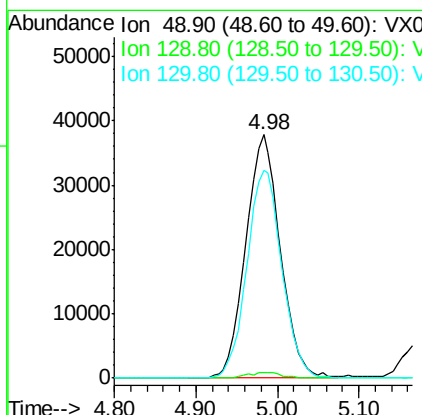
Manual Integrations
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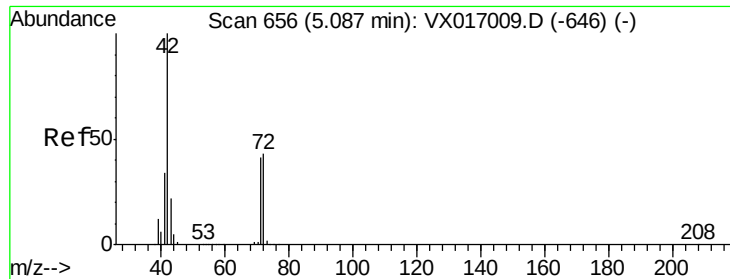
MMDadoda
 7/2/2020 9:15:28 AM



#28
 Bromochloromethane
 Concen: 46.411 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111490		
129	2.4	0.0	4.2	
130	86.5	66.6	100.0	





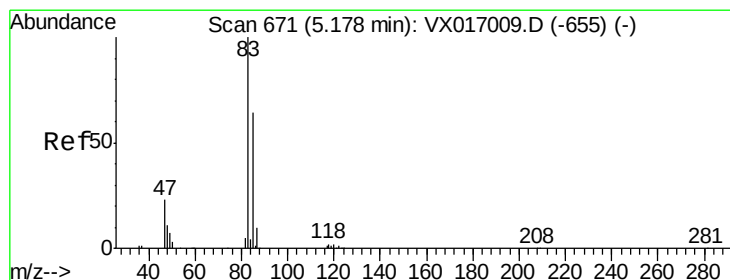
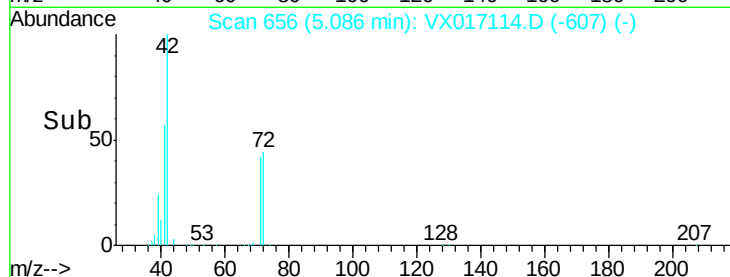
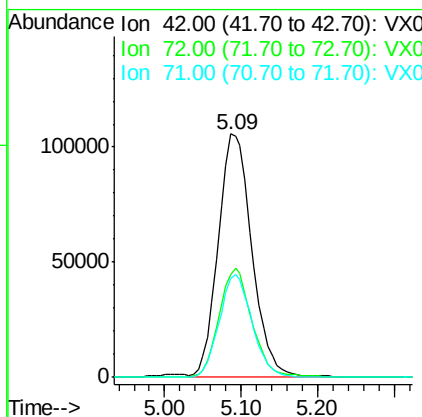
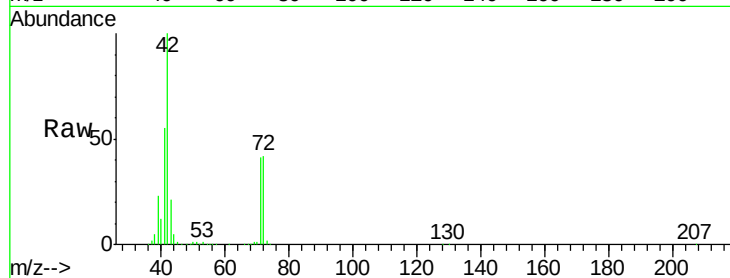
#29
Tetrahydrofuran
Concen: 246.437 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.3	52.9
71	41.4	33.1	49.7

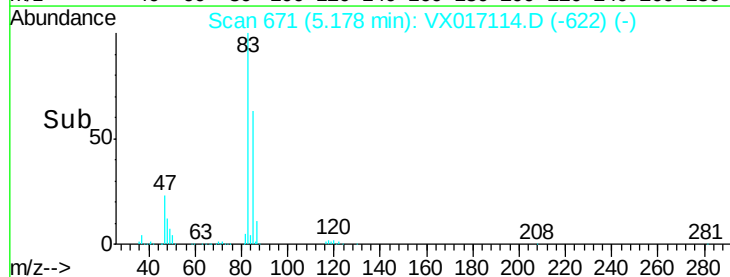
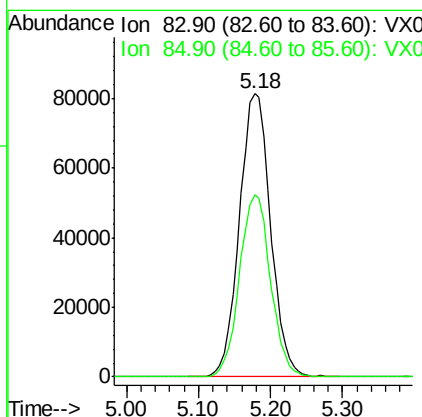
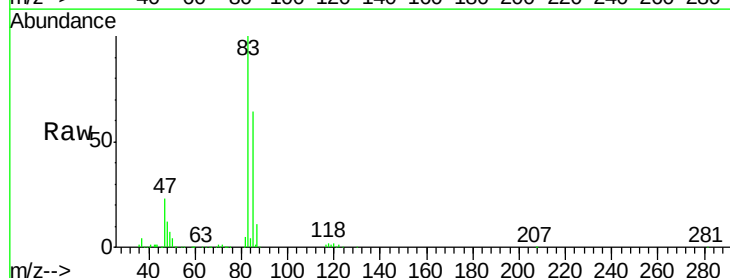
Manual Integrations
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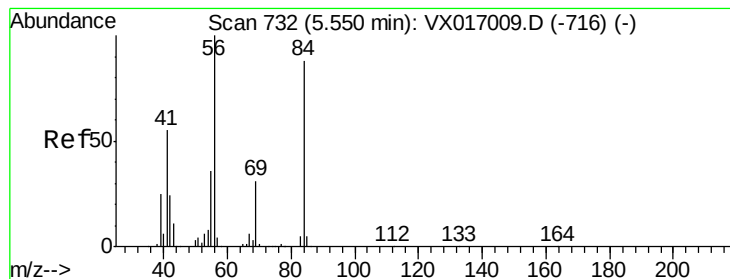
MMDadoda
7/2/2020 9:15:28 AM



#30
Chloroform
Concen: 48.317 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2





#31

Cyclohexane

Concen: 47.599 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

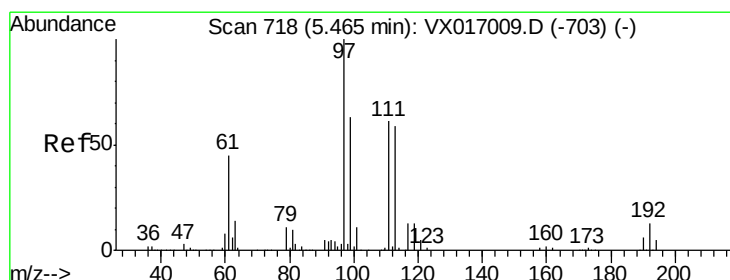
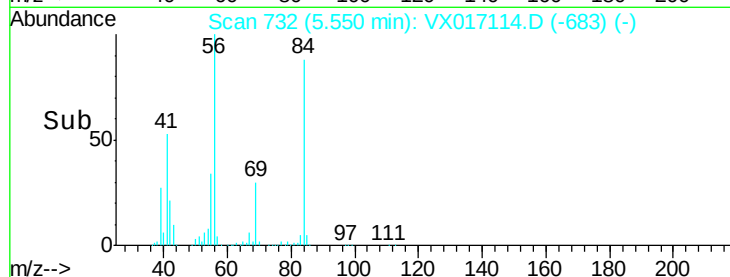
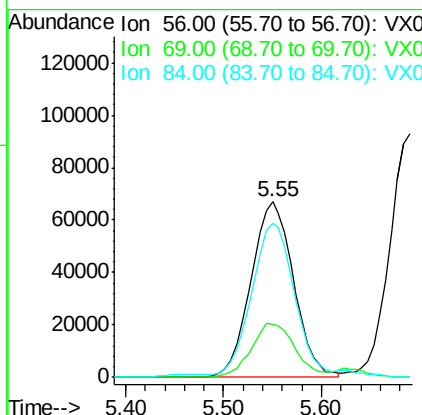
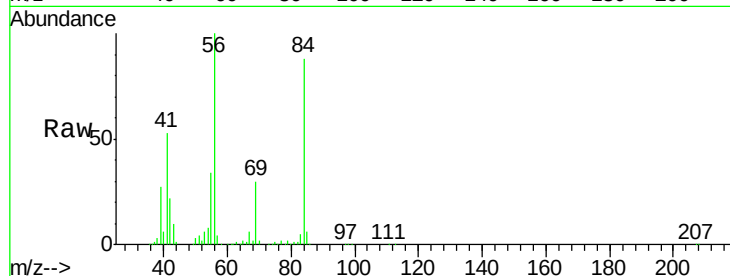
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	203110
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.0	37.4
84	86.4	69.1	103.7

Manual Integrations
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7/2/2020 9:15:28 AM



#32

1,1,1-Trichloroethane

Concen: 47.961 ug/l

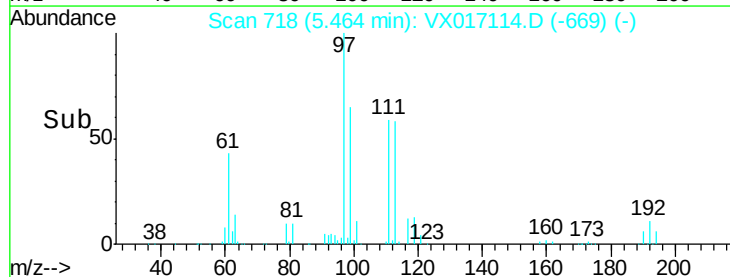
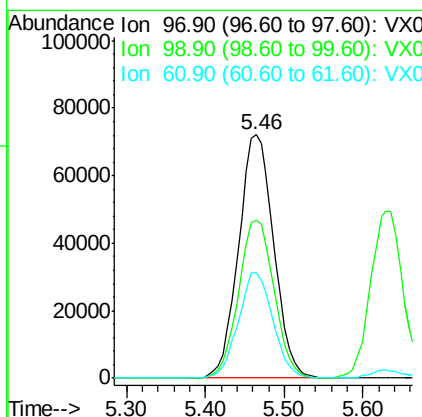
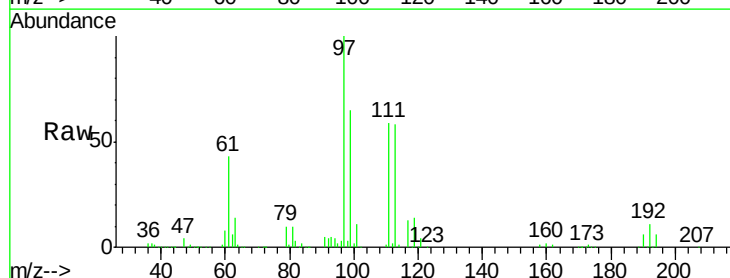
RT: 5.46 min Scan# 718

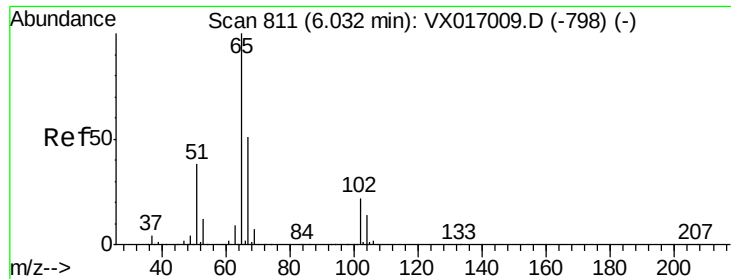
Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion:	97	Resp:	223521
Ion	Ratio	Lower	Upper
97	100		
99	65.6	50.8	76.2
61	42.8	33.7	50.5





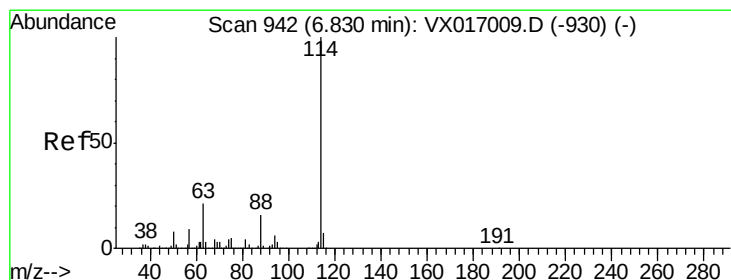
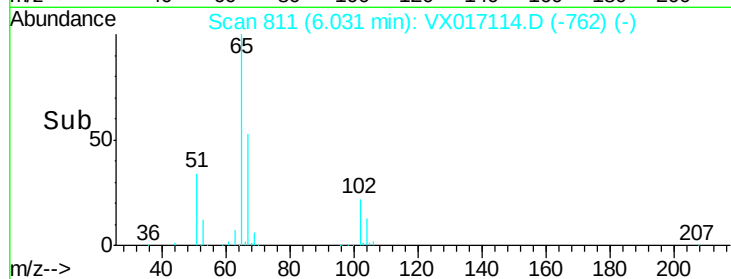
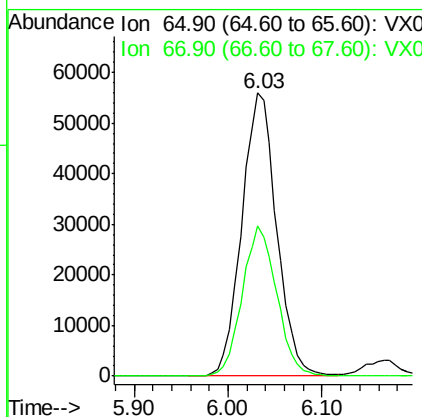
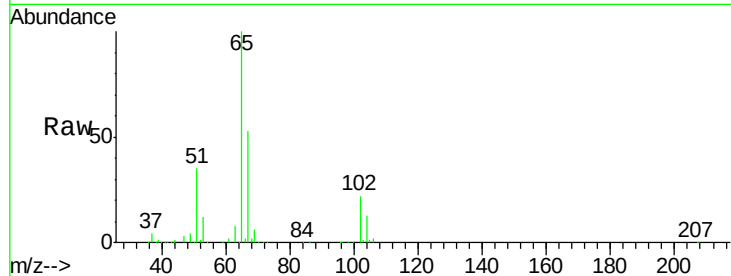
#33
 1,2-Dichloroethane-d4
 Concen: 45.917 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	145124		
67	52.5	0.0	103.8	

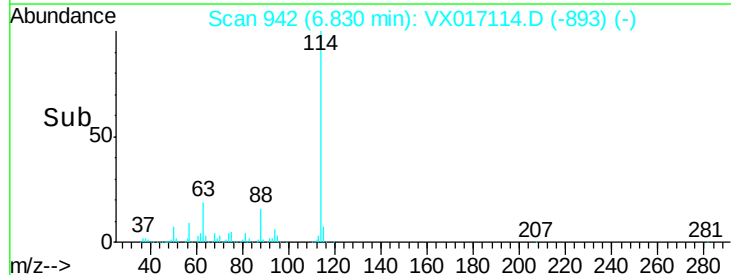
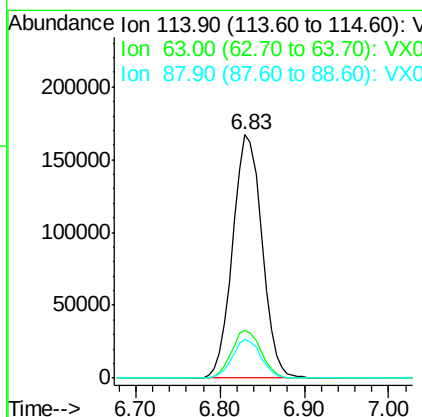
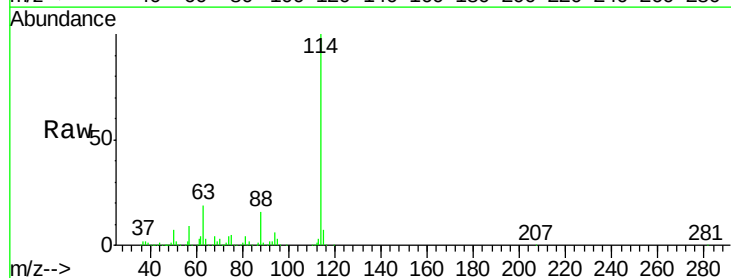
Manual Integrations
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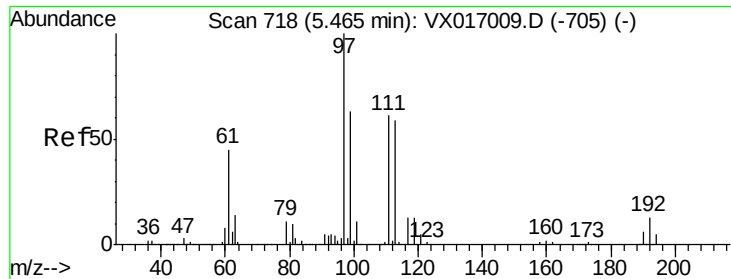
MMDadoda
 7/2/2020 9:15:28 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	394202		
63	19.4	0.0	41.4	
88	15.8	0.0	32.4	





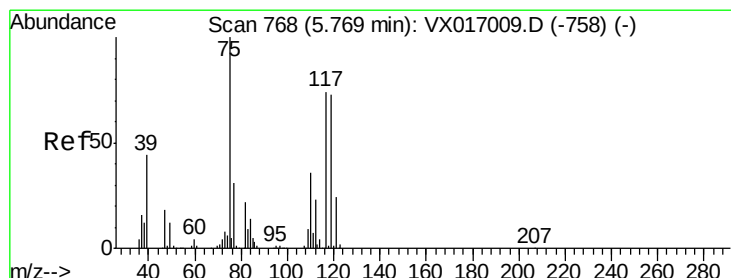
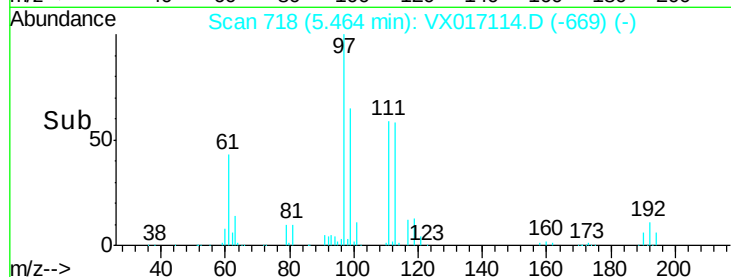
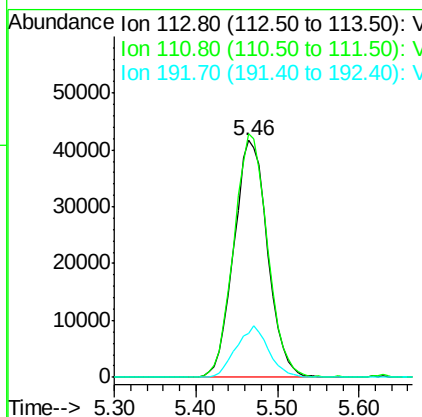
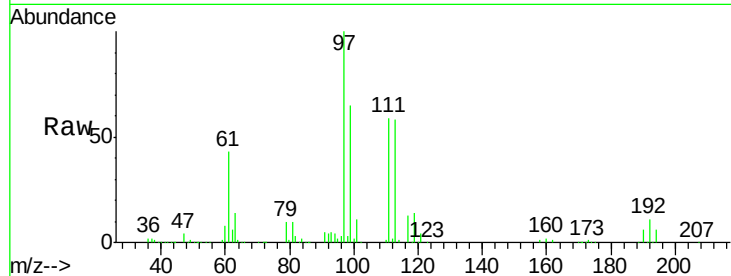
#35
 Dibromofluoromethane
 Concen: 47.897 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119436		
111	102.5	81.9	122.9	
192	20.8	16.7	25.1	

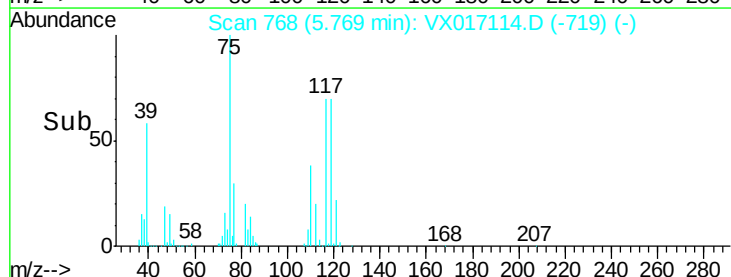
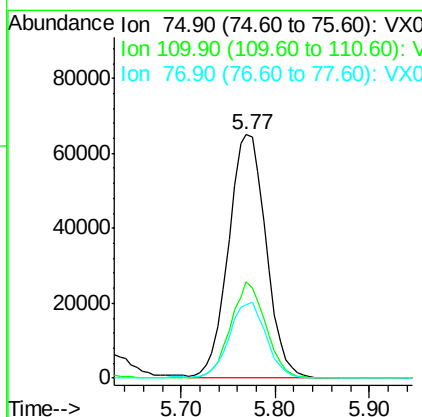
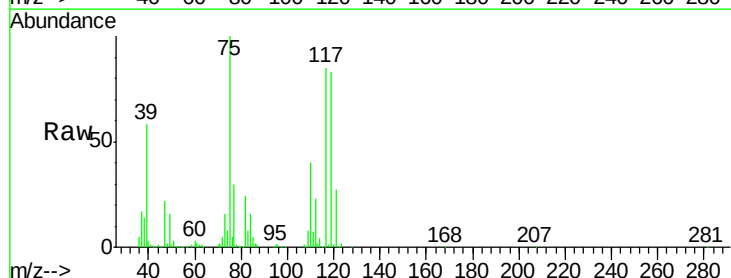
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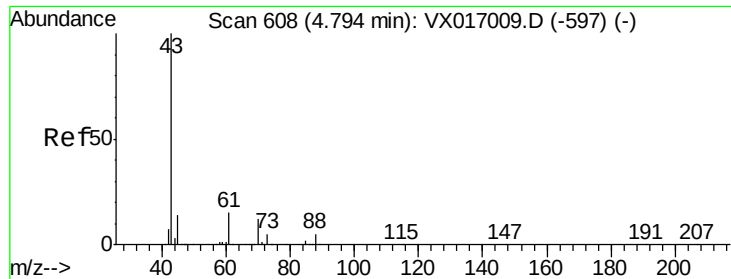
MMDadoda
 7/2/2020 9:15:28 AM



#36
 1,1-Dichloropropene
 Concen: 48.201 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	179583		
110	37.2	18.1	54.1	
77	30.7	24.6	37.0	





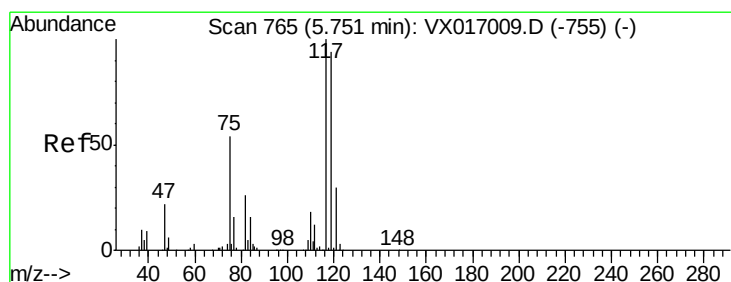
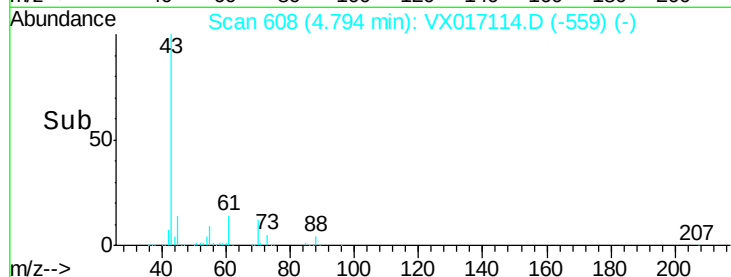
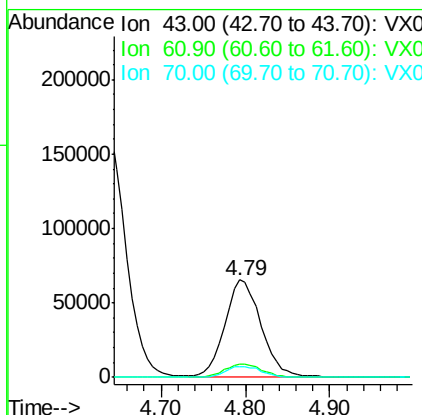
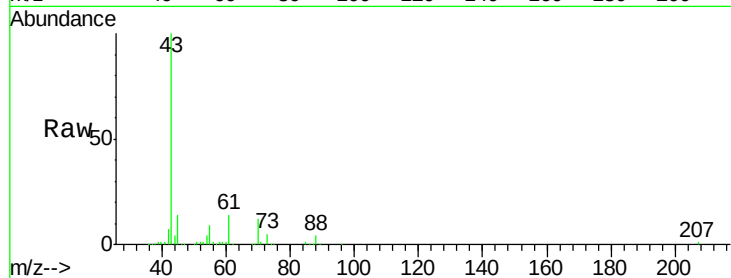
#37
Ethyl Acetate
Concen: 50.132 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	11.4	8.9	13.3

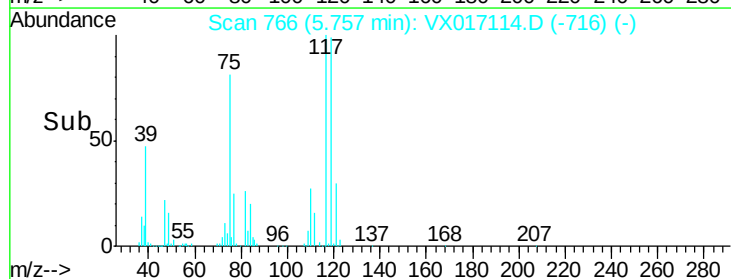
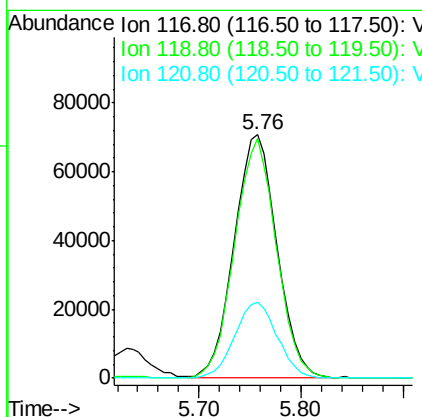
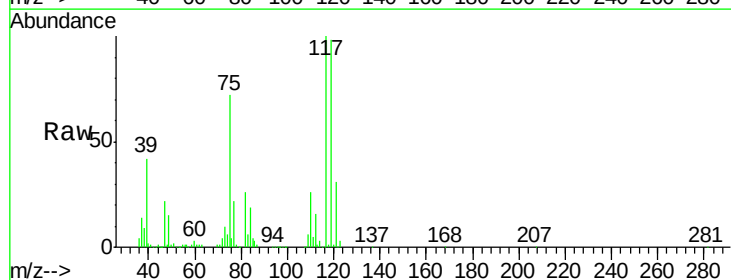
Manual Integrations
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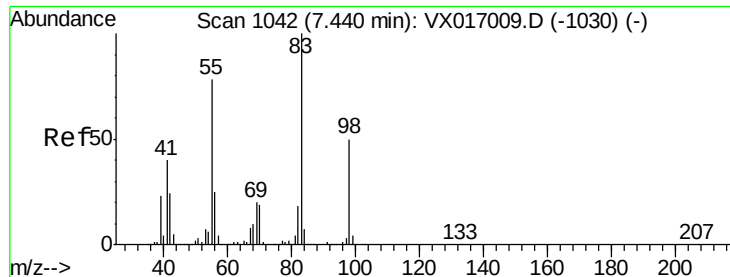
MMDadoda
7/2/2020 9:15:28 AM



#38
Carbon Tetrachloride
Concen: 50.033 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.4	113.0
121	31.2	23.8	35.6





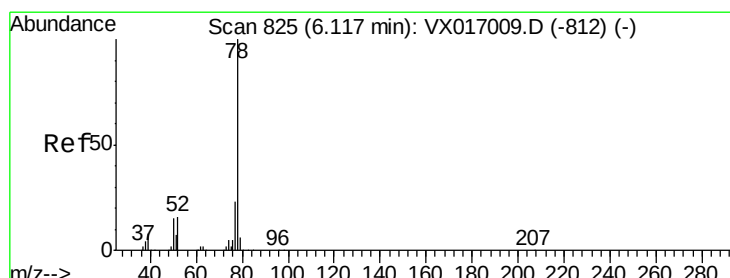
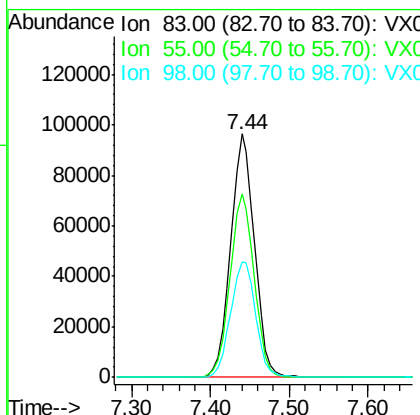
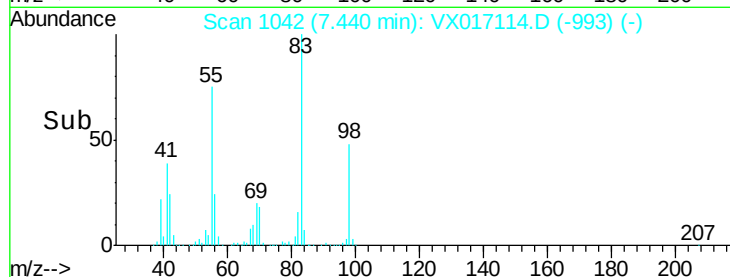
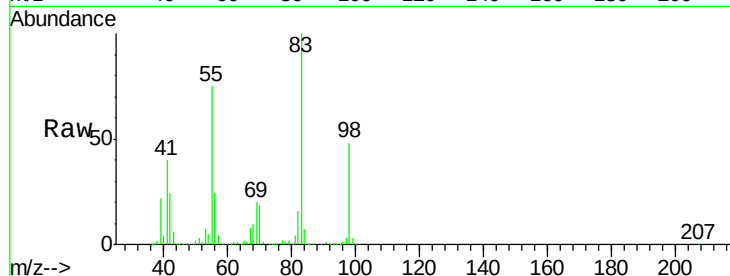
#39
Methylvlcyclohexane
Concen: 48.875 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	202602		
55	75.3	62.5	93.7	
98	47.6	40.1	60.1	

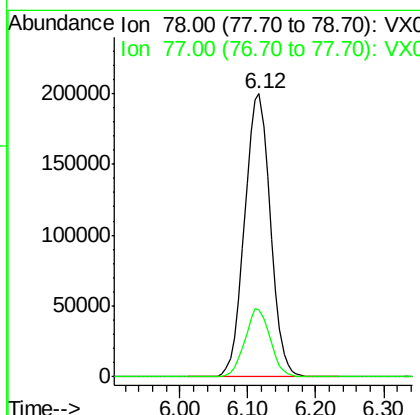
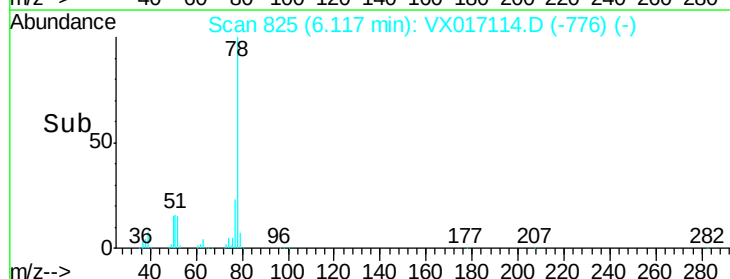
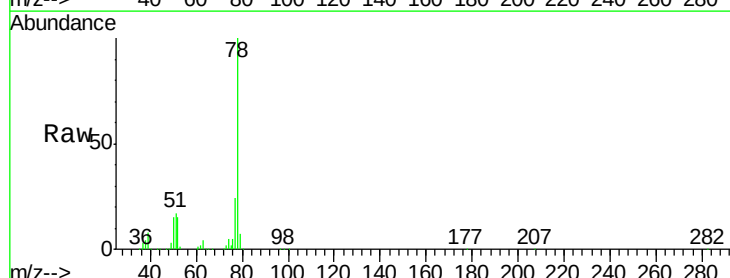
Manual Integrations
APPROVED

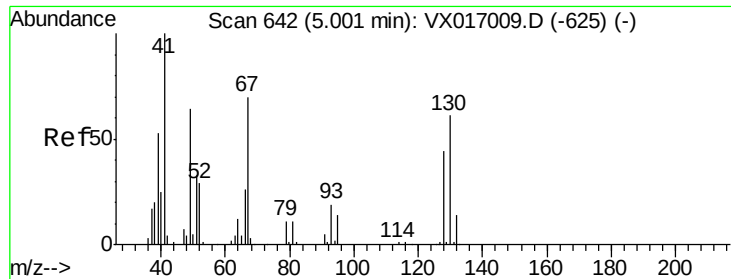
MMDadoda
7/2/2020 9:15:28 AM



#40
Benzene
Concen: 48.125 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	526807		
77	23.6	18.3	27.5	





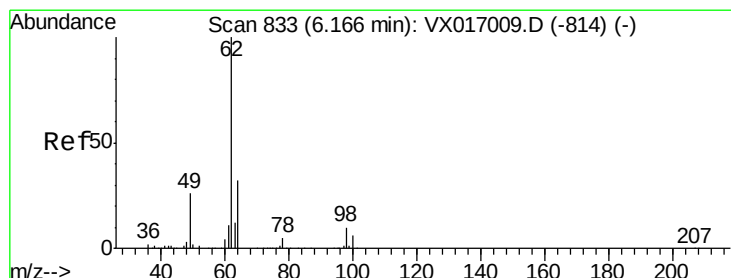
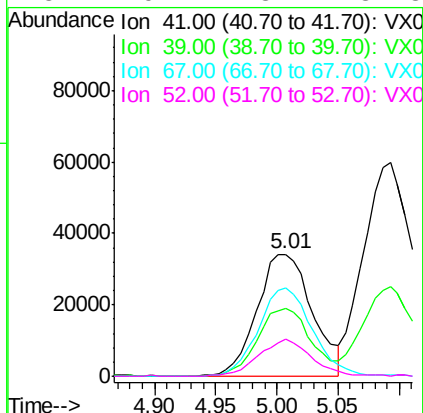
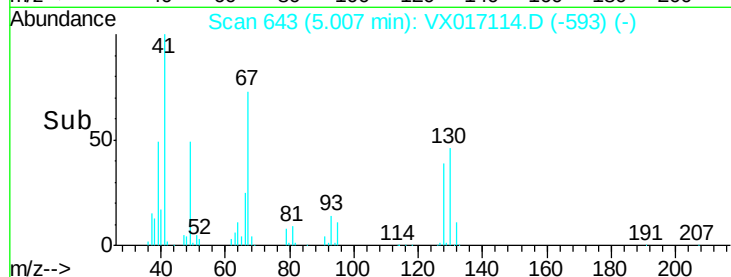
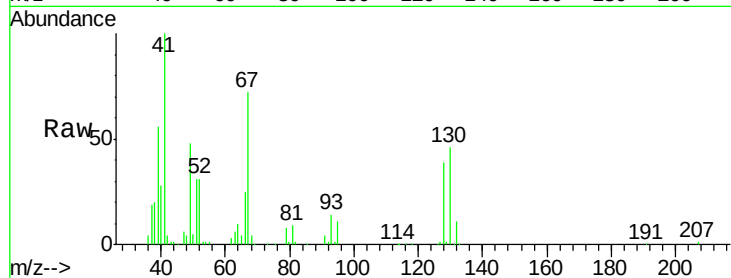
#41
Methacrylonitrile
Concen: 50.379 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	44.4	66.6	
67	71.1	57.1	85.7	
52	29.2	23.2	34.8	

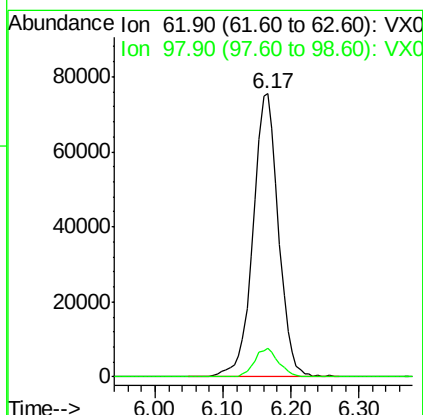
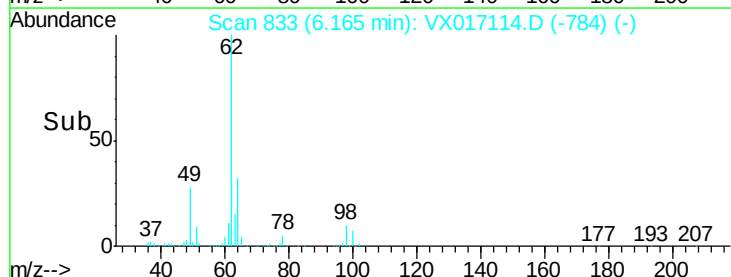
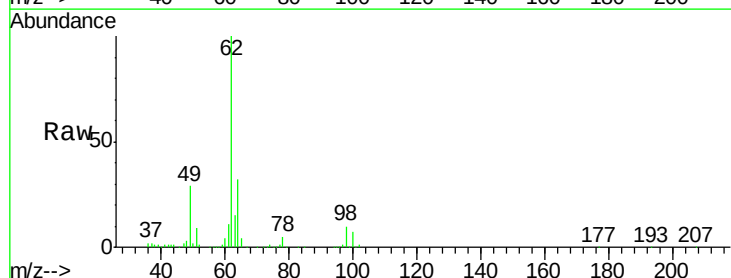
Manual Integrations
APPROVED

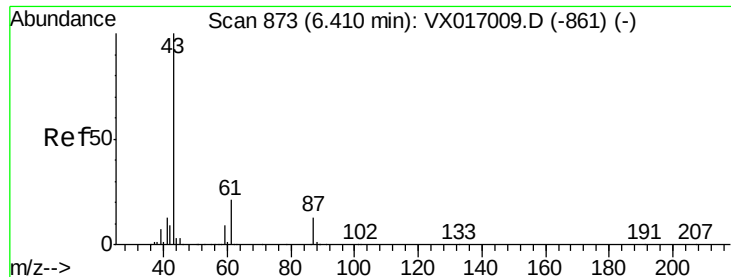
MMDadoda
7/2/2020 9:15:28 AM



#42
1,2-Dichloroethane
Concen: 49.787 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.2	





#43

Isopropyl Acetate

Concen: 49.563 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

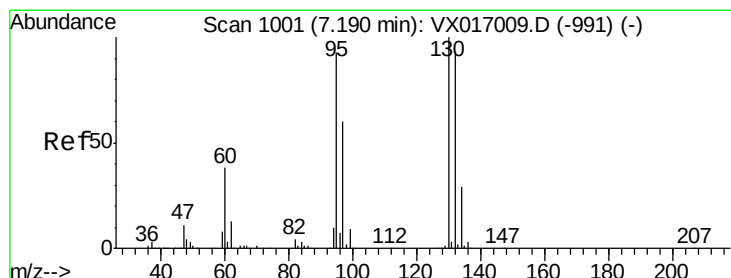
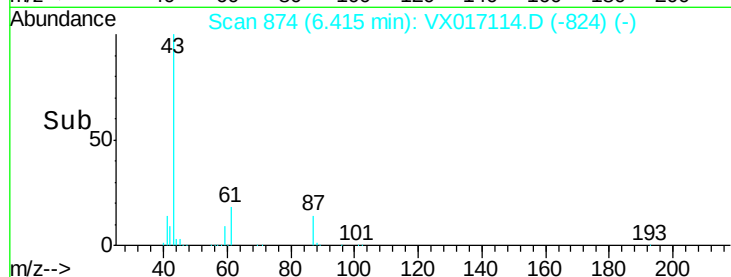
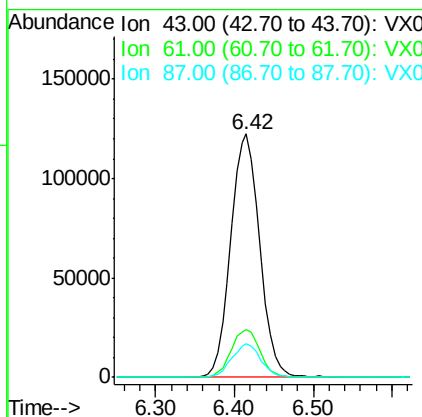
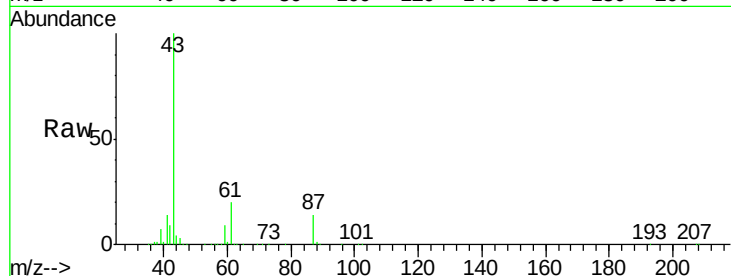
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	311327
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.2
87	13.7	10.7	16.1

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7/2/2020 9:15:28 AM



#44

Trichloroethene

Concen: 50.463 ug/l

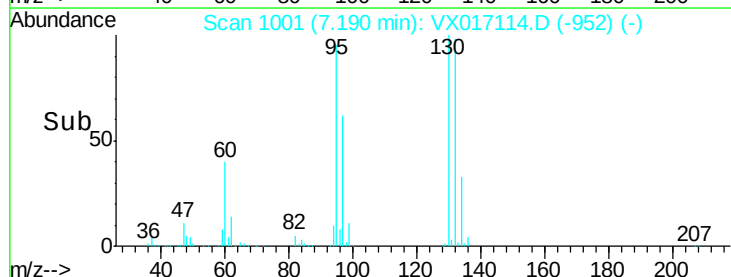
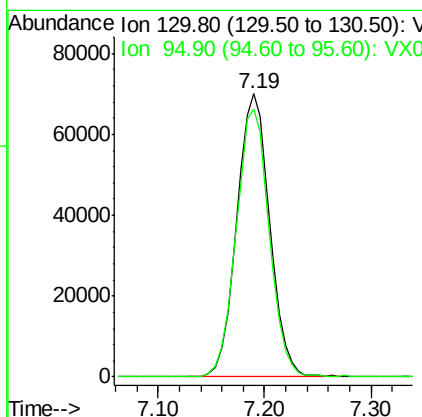
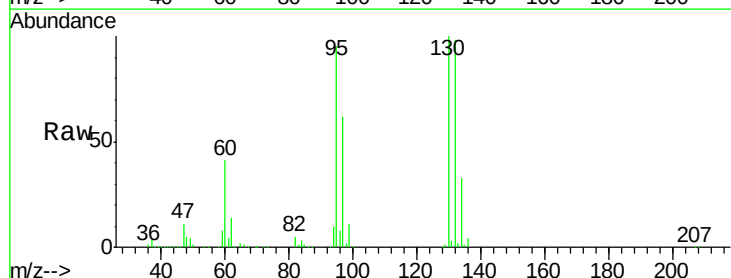
RT: 7.19 min Scan# 1001

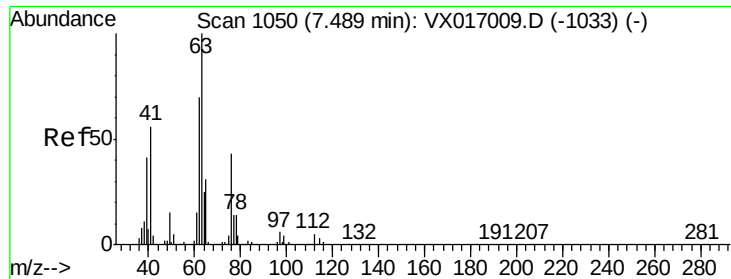
Delta R.T. 0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion:	130	Resp:	152427
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	185.0





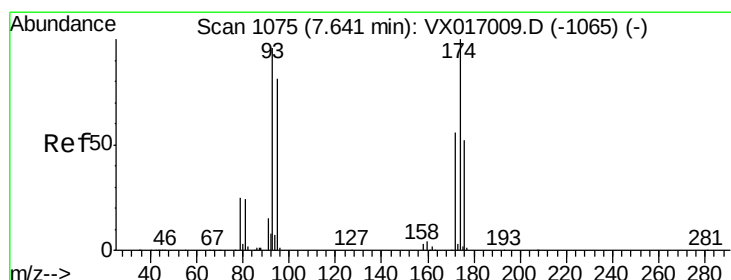
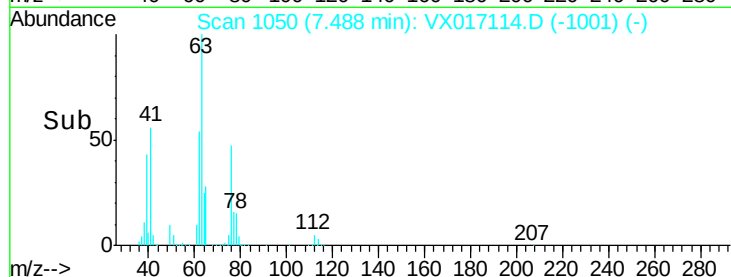
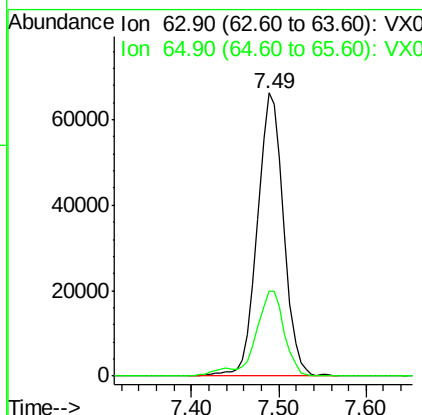
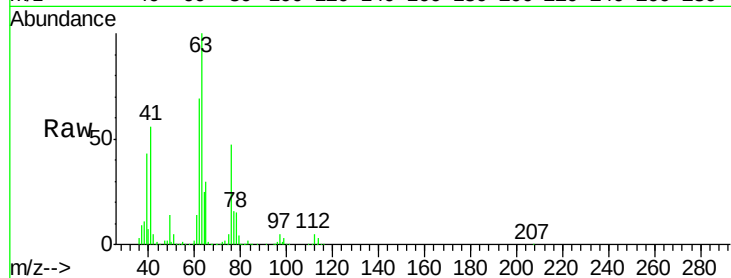
#45
 1,2-Dichloropropane
 Concen: 49.086 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.6	36.8

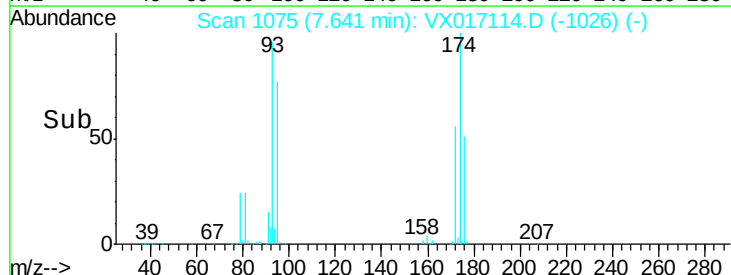
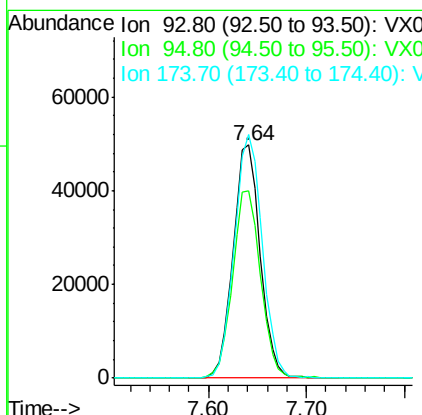
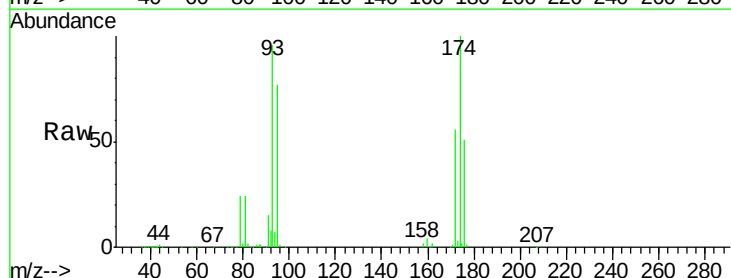
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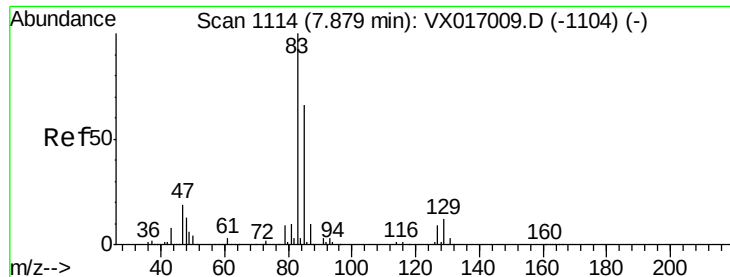
MMDadoda
 7/2/2020 9:15:28 AM



#46
 Dibromomethane
 Concen: 49.891 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.4	101.0
174	107.7	84.3	126.5





#47

Bromodichloromethane

Concen: 50.168 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

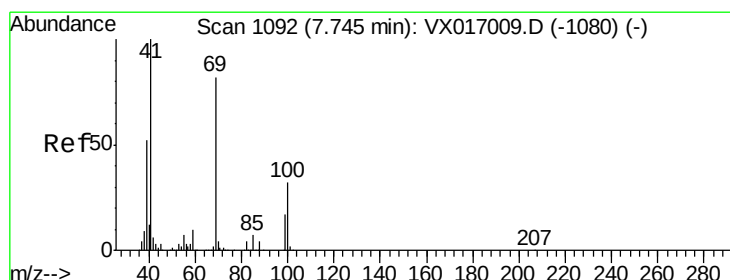
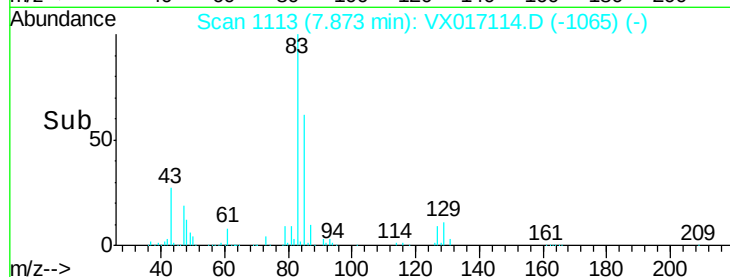
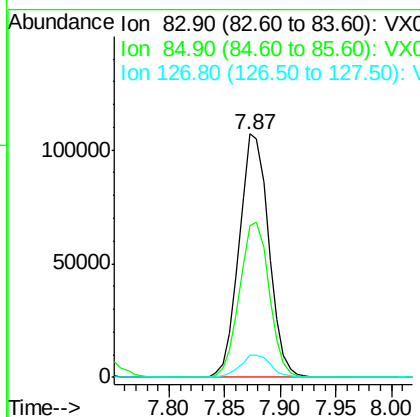
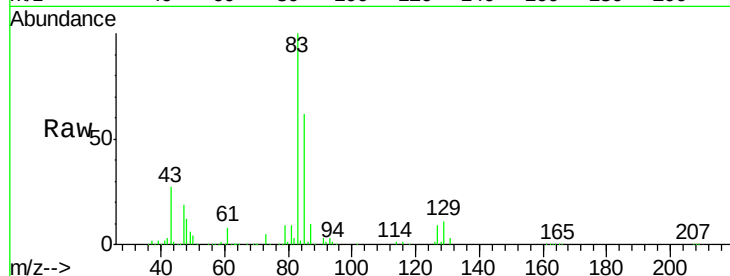
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	198452
Ion	Ratio	Lower	Upper
83	100		
85	61.9	53.0	79.4
127	9.1	7.5	11.3

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MMDadoda
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#48

Methyl methacrylate

Concen: 52.400 ug/l

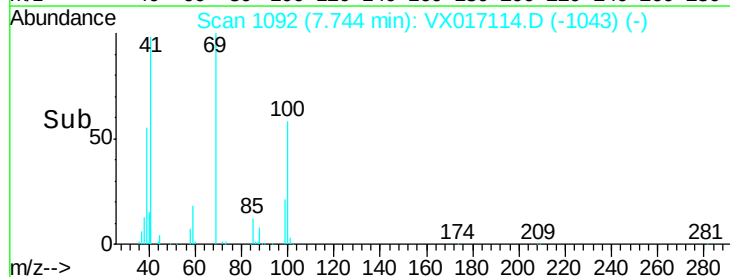
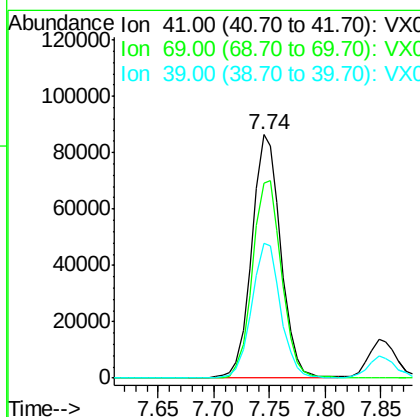
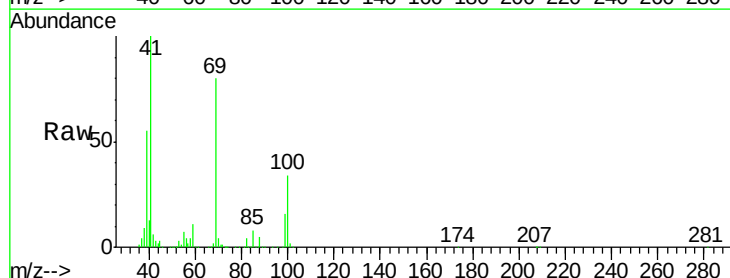
RT: 7.74 min Scan# 1092

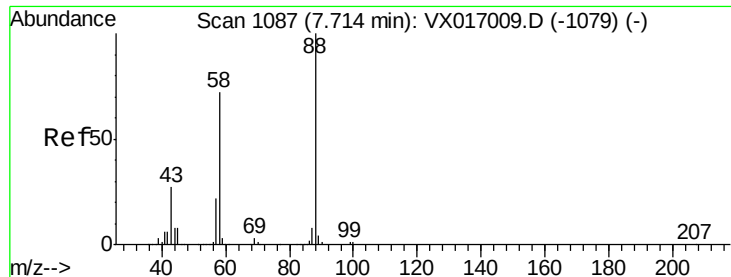
Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion:	41	Resp:	156376
Ion	Ratio	Lower	Upper
41	100		
69	82.1	65.8	98.8
39	55.2	42.5	63.7





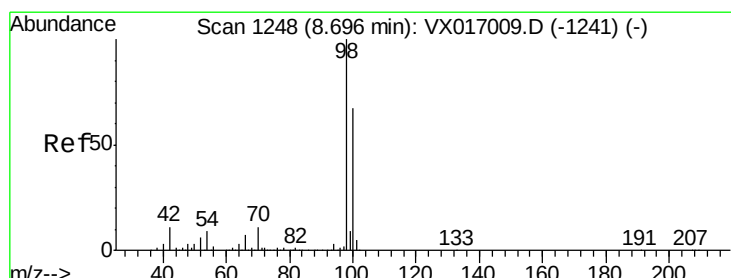
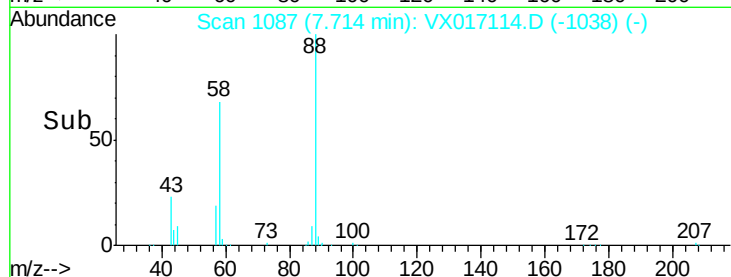
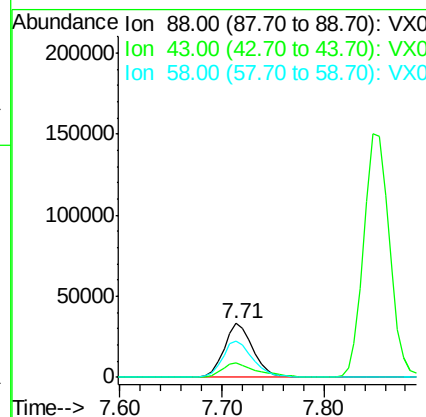
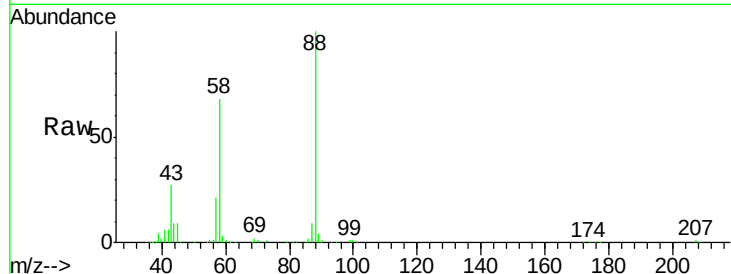
#49
1,4-Dioxane
Concen: 966.657 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.8	38.8
58	71.5	54.8	82.2

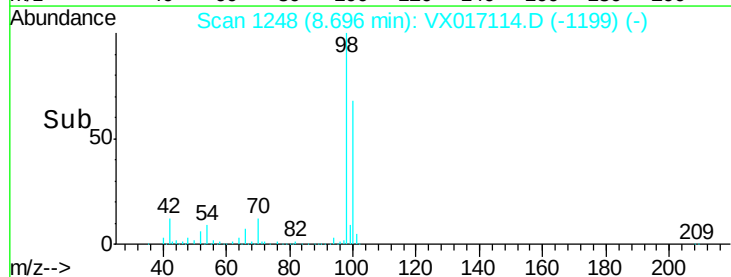
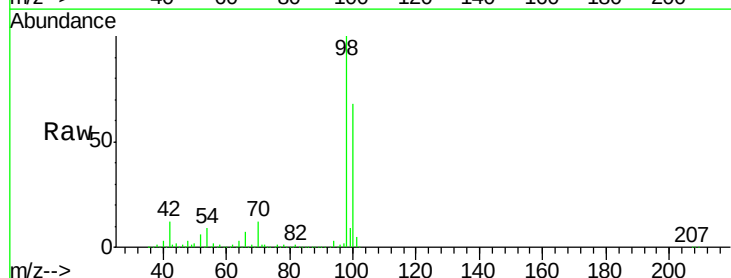
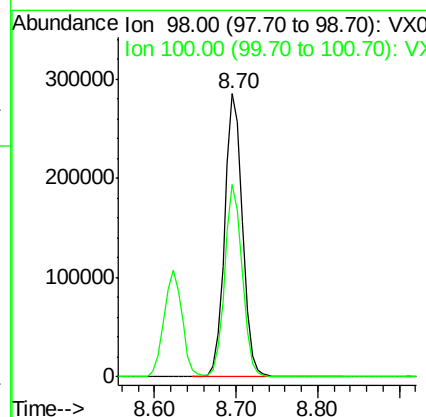
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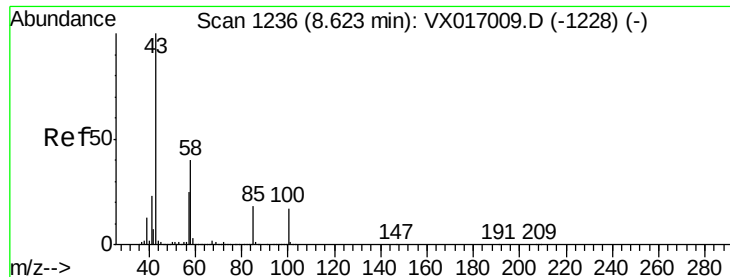
MMDadoda
7/2/2020 9:15:28 AM



#50
Toluene-d8
Concen: 47.047 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.8	80.6





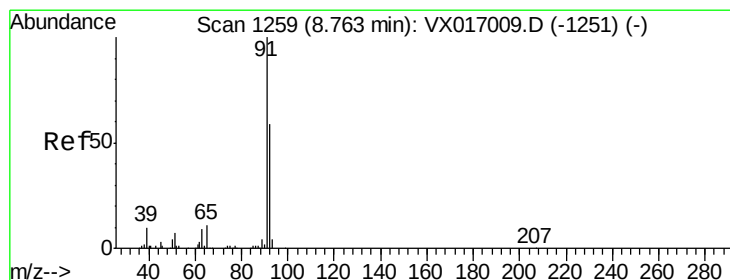
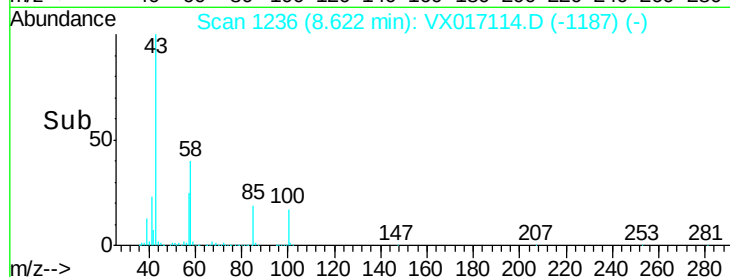
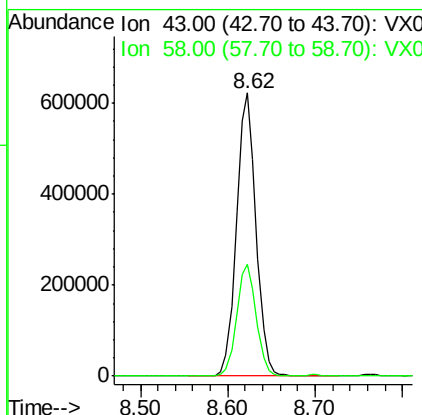
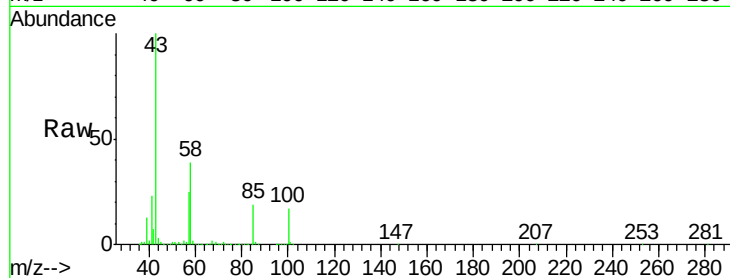
#51
4-Methyl-2-Pentanone
Concen: 259.550 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.9	47.9

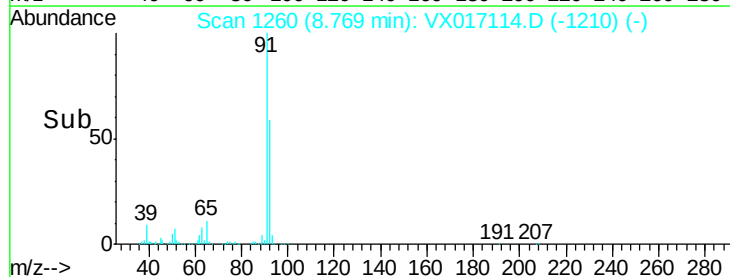
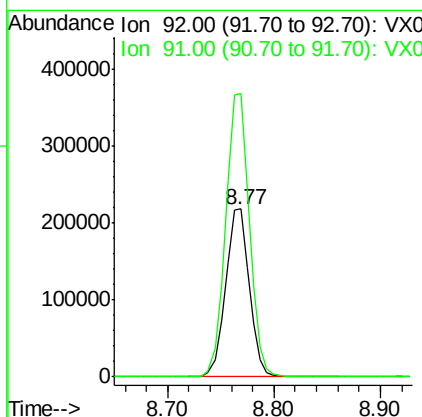
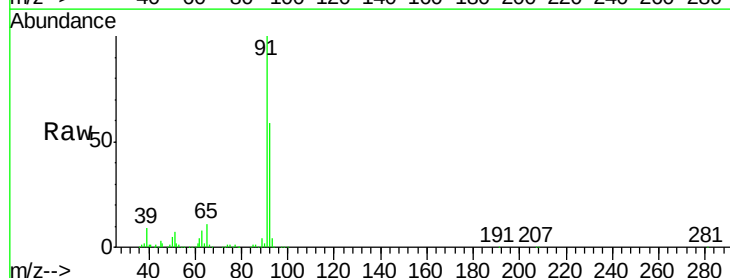
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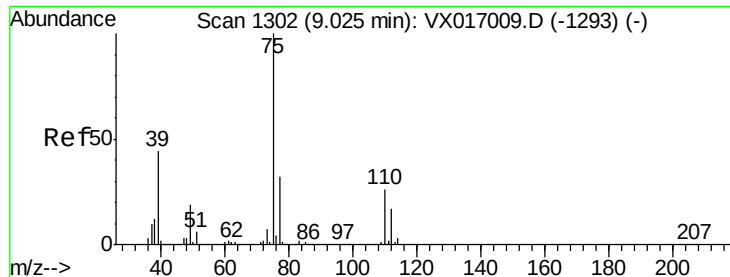
MMDadoda
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#52
Toluene
Concen: 49.978 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.1	136.9	205.3





#53

t-1,3-Dichloropropene

Concen: 49.632 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tot Ion: 75 Resp: 216621

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

Instrument :

MSVOA_X

ClientSampleId :

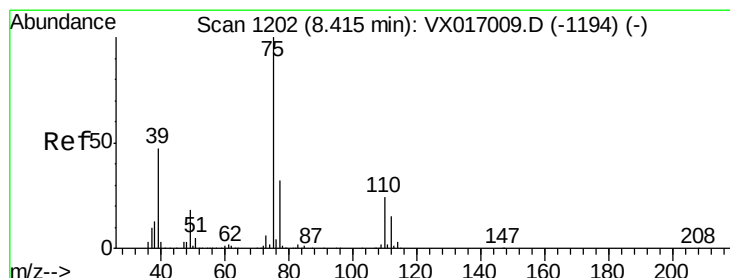
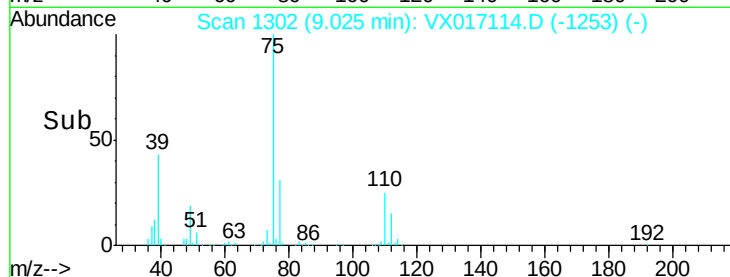
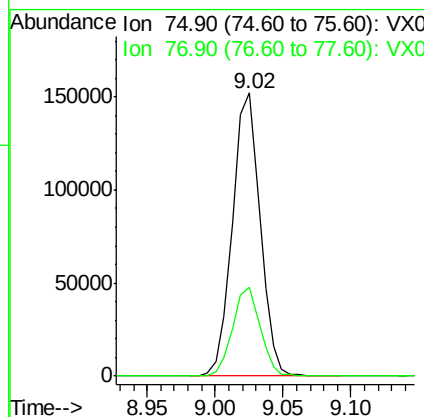
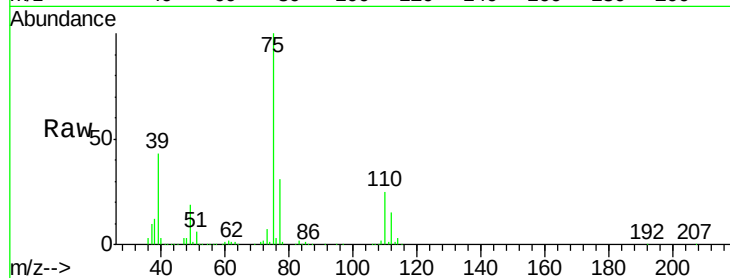
VSTDCCC050

Manual Integrations

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7/2/2020 9:15:28 AM



#54

cis-1,3-Dichloropropene

Concen: 48.866 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

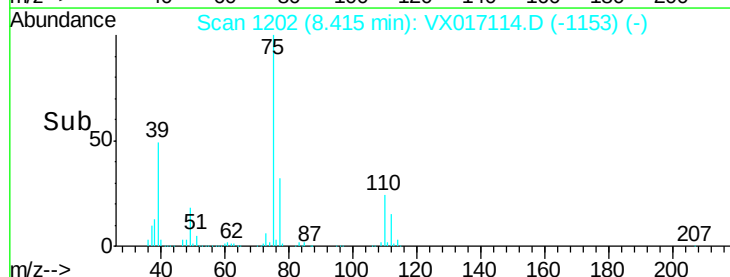
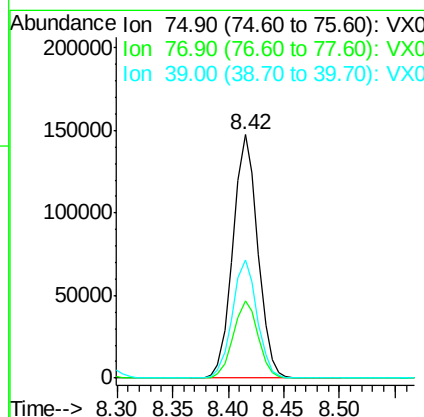
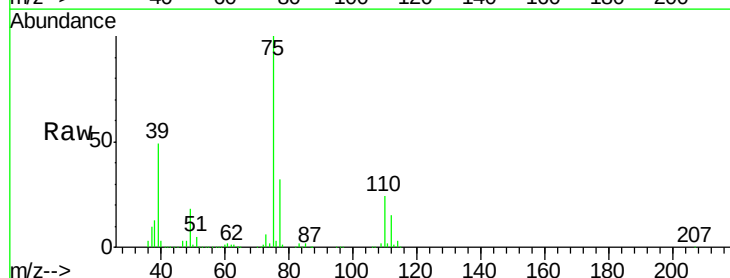
Tgt Ion: 75 Resp: 228632

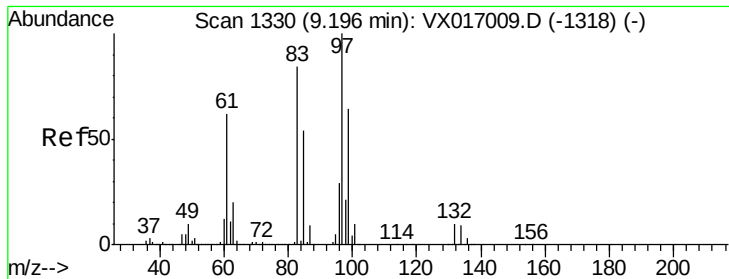
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 48.6 37.4 56.2





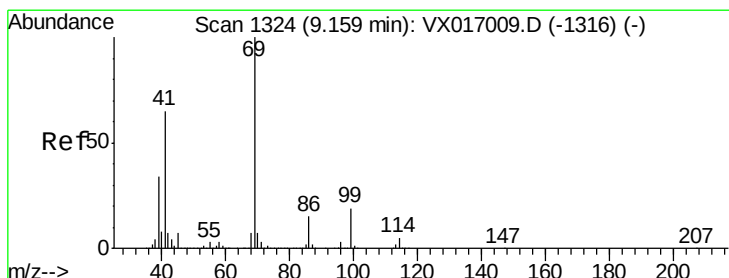
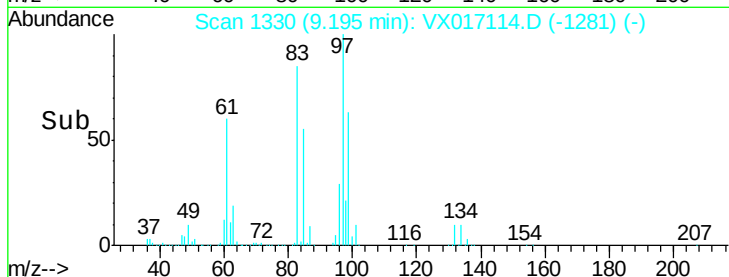
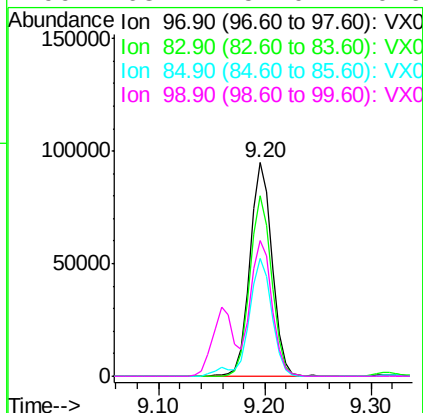
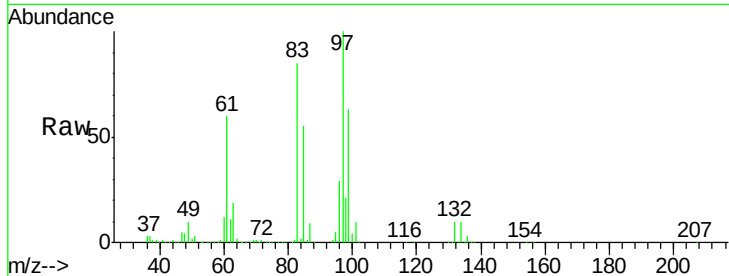
#55
 1,1,2-Trichloroethane
 Concen: 49.791 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	139035
Ion Ratio	Lower	Upper	
97	100		
83	84.6	67.0	100.6
85	55.2	43.5	65.3
99	63.4	51.0	76.6

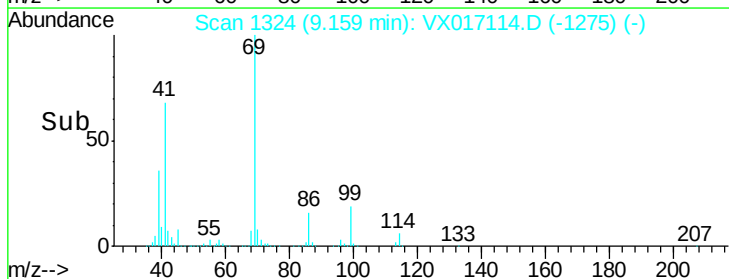
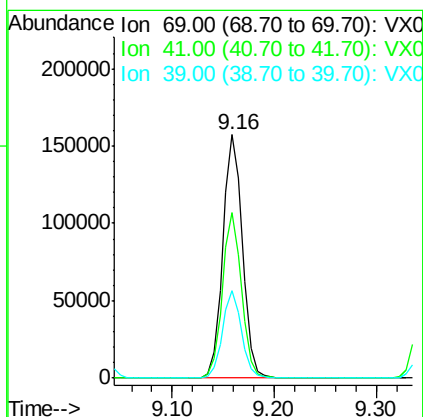
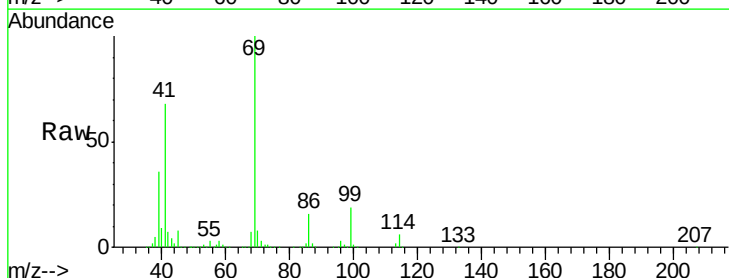
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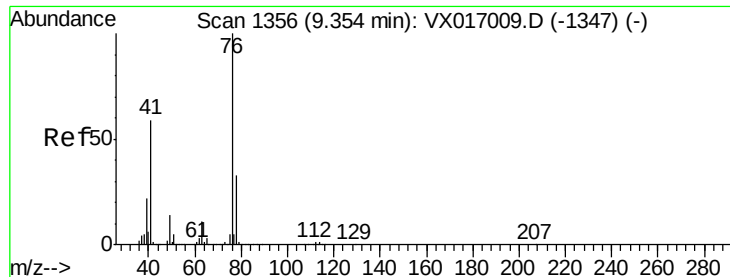
MMDadoda
 7/2/2020 9:15:28 AM



#56
 Ethyl methacrylate
 Concen: 52.888 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion:	69	Resp:	210203
Ion Ratio	Lower	Upper	
69	100		
41	66.8	53.6	80.4
39	35.1	28.2	42.2





#57

1,3-Dichloropropane

Concen: 49.349 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 233173

Ion Ratio Lower Upper

76 100

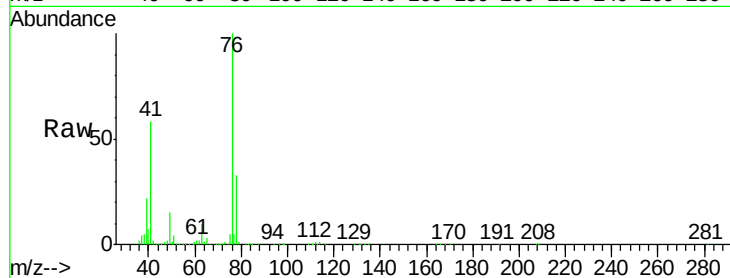
78 32.7 25.9 38.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

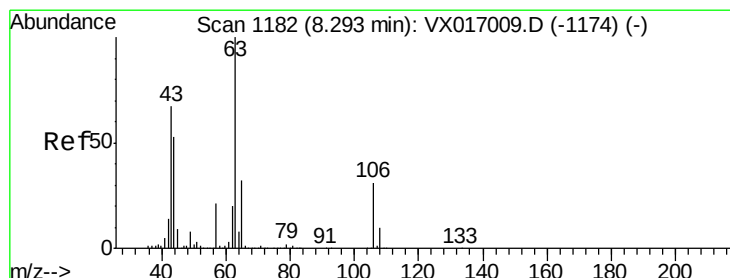
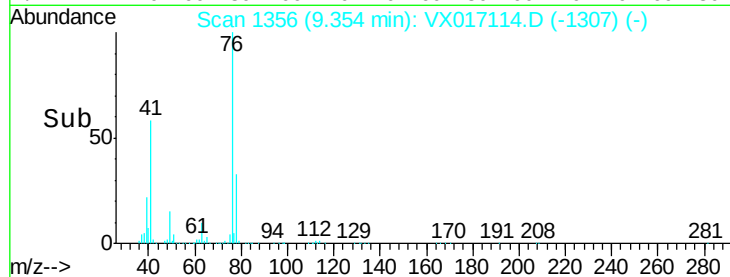
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 265.870 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017114.D

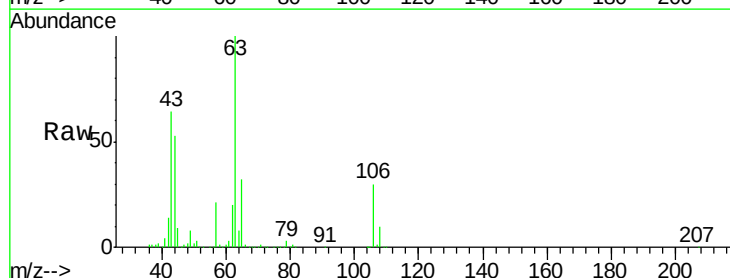
Acq: 01 Jul 2020 21:42

Tgt Ion: 63 Resp: 525905

Ion Ratio Lower Upper

63 100

106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

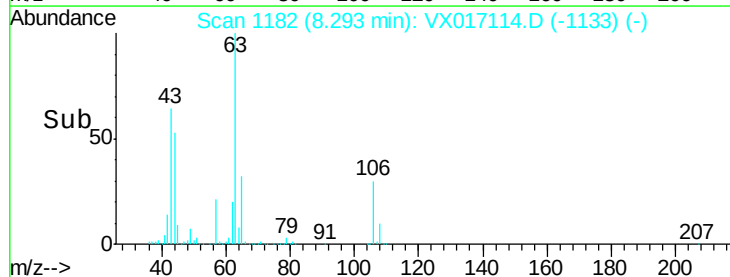
300000

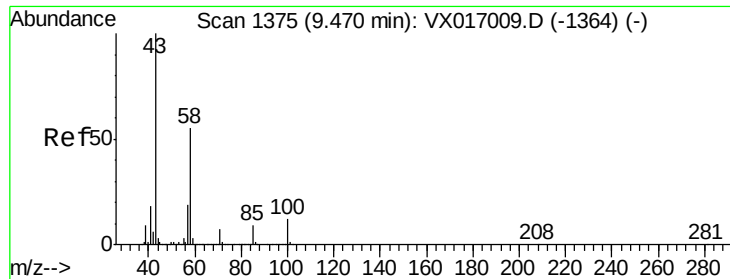
200000

100000

0

Time-->





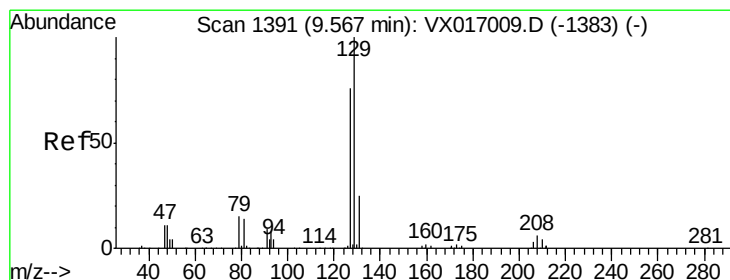
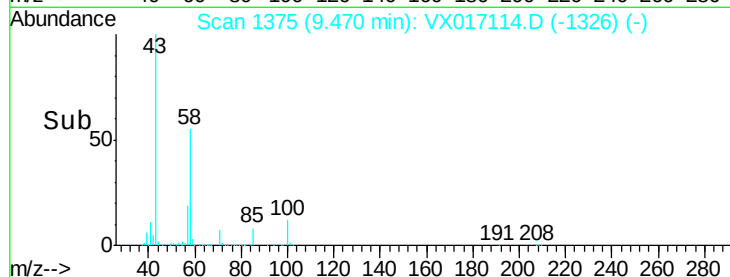
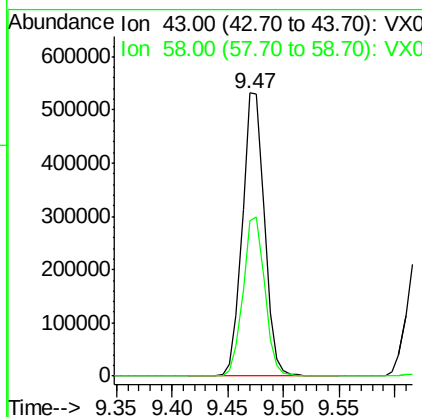
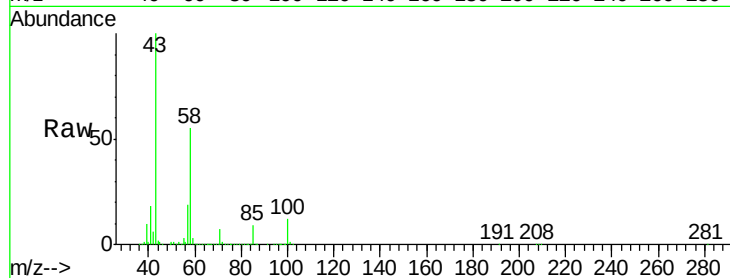
#59
2-Hexanone
Concen: 267.681 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	732011
Ion Ratio	Lower	Upper	
43	100		
58	55.4	27.9	83.6

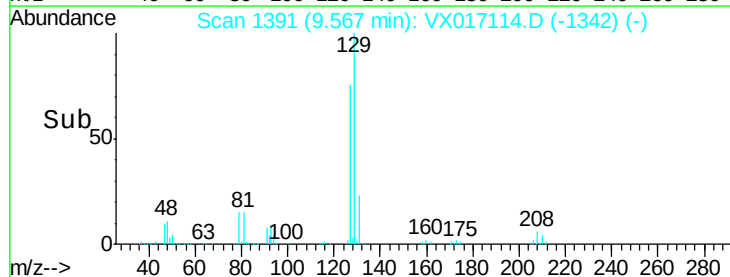
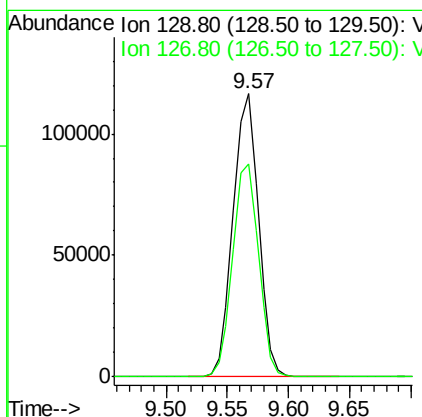
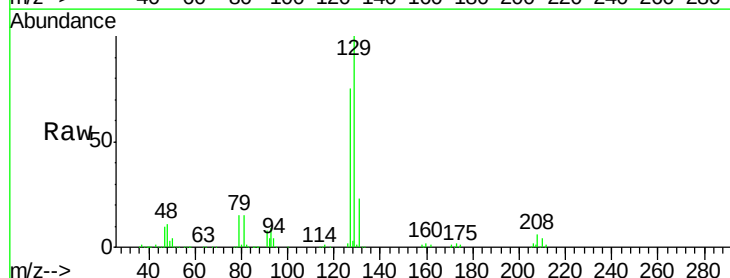
Manual Integrations
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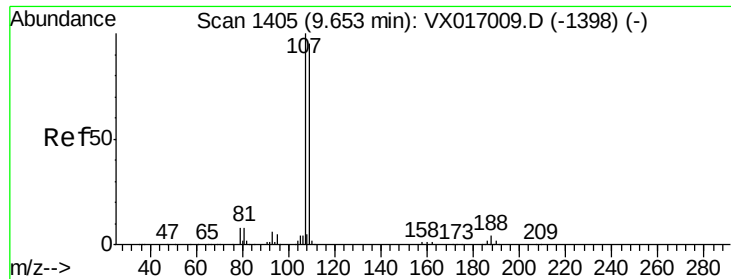
MMDadoda
7/2/2020 9:15:28 AM



#60
Dibromochloromethane
Concen: 51.764 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	129	Resp	167882
Ion Ratio	Lower	Upper	
129	100		
127	76.6	38.9	116.7





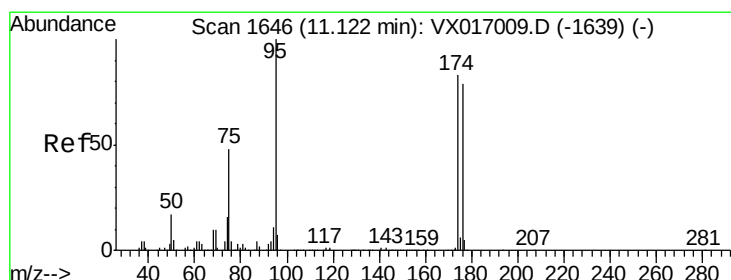
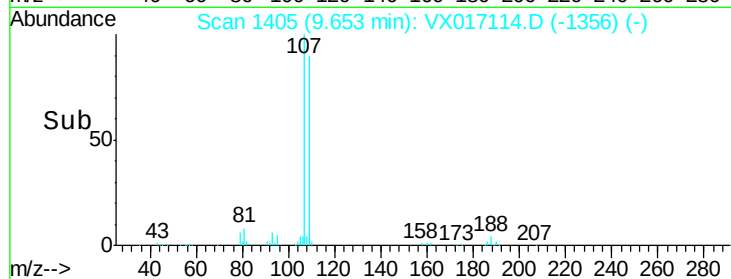
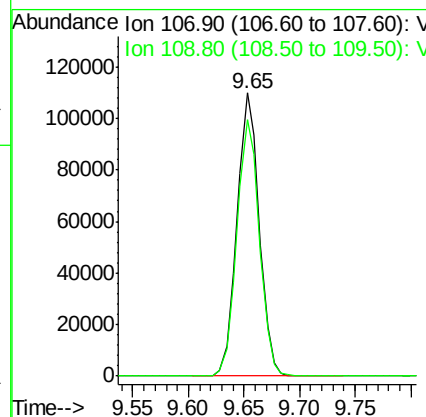
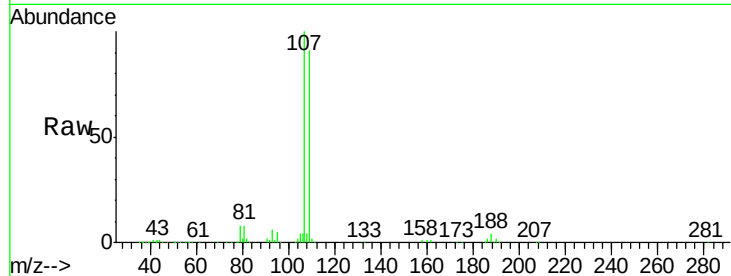
#61
 1,2-Dibromoethane
 Concen: 50.431 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.8	113.8

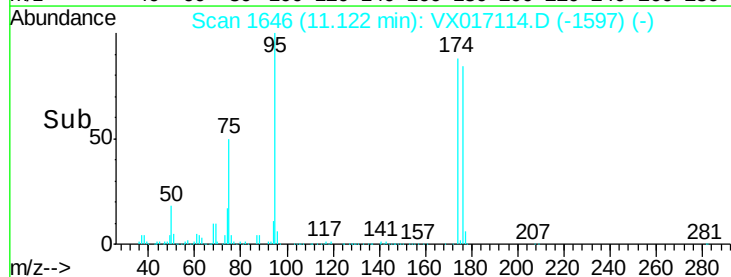
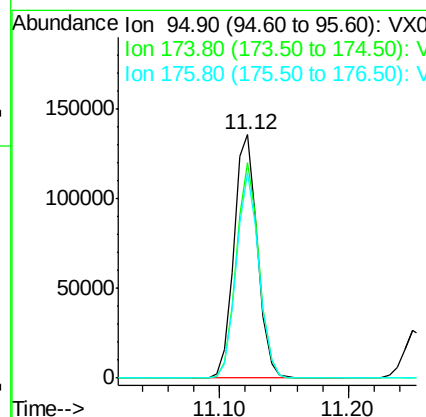
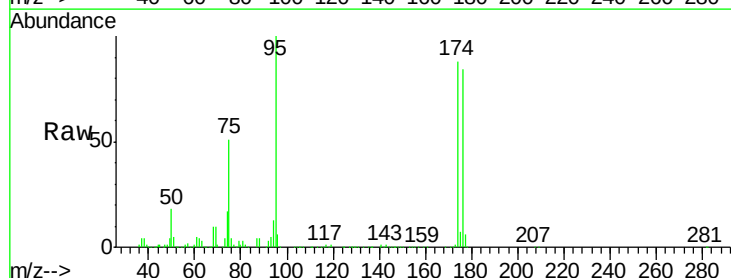
Manual Integrations
 APPROVED

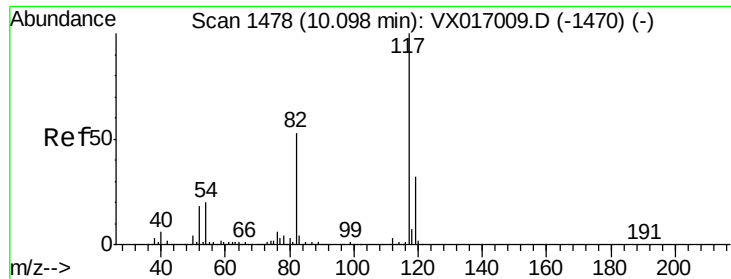
MMDadoda
 7/2/2020 9:15:28 AM



#62
 4-Bromofluorobenzene
 Concen: 47.730 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	164.0
176	81.8	0.0	157.6





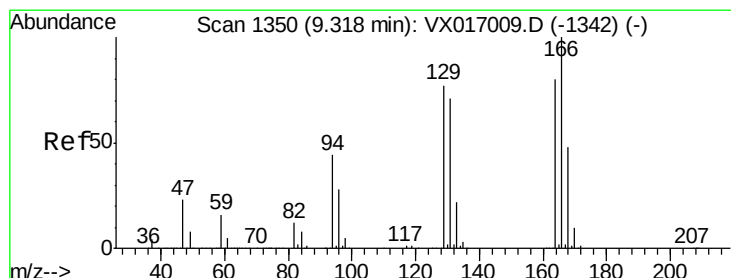
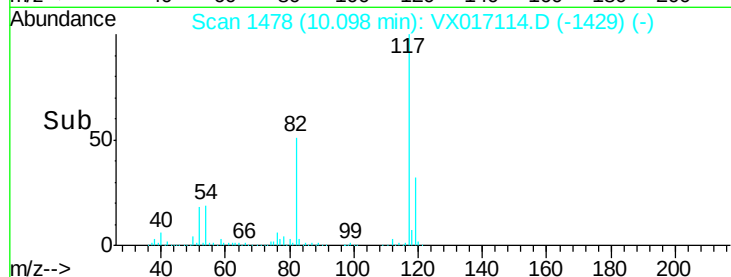
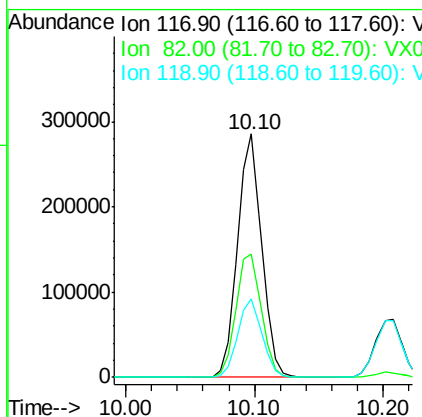
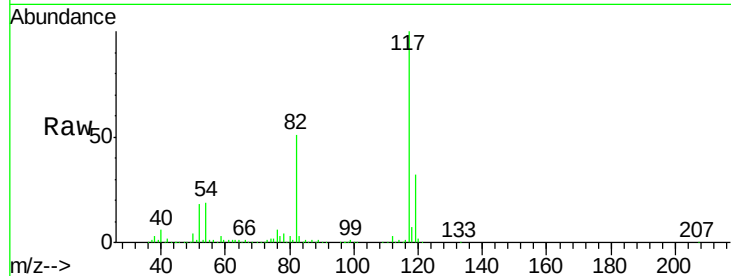
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	371586		
82	50.8		42.6	63.8
119	32.1		25.4	38.2

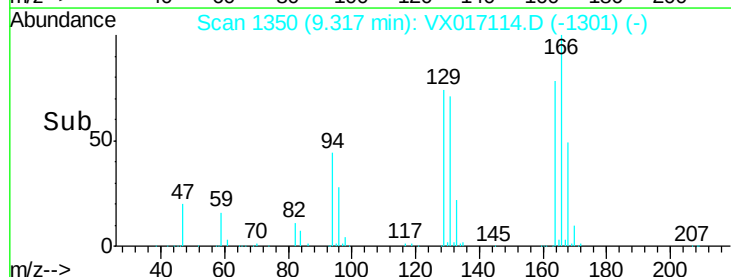
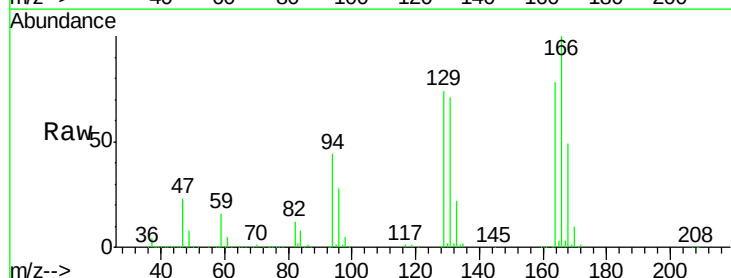
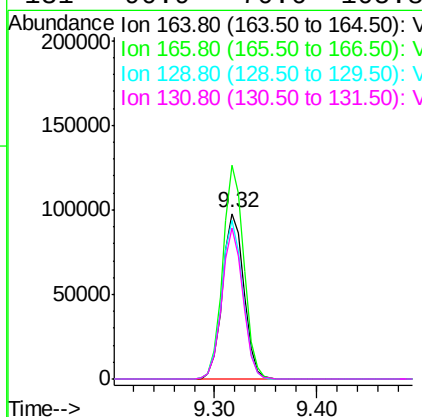
Manual Integrations
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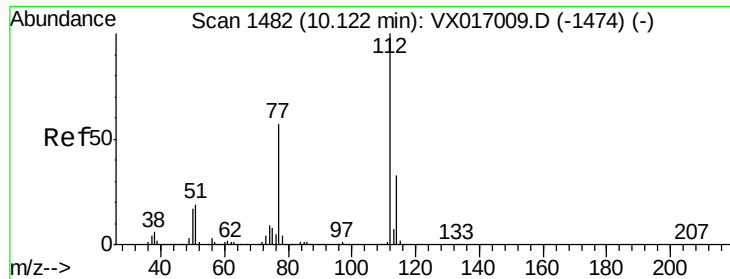
MMDadoda
7/2/2020 9:15:28 AM



#64
Tetrachloroethene
Concen: 47.778 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	143282		
166	128.9		99.4	149.0
129	95.4		76.3	114.5
131	90.9		70.6	105.8





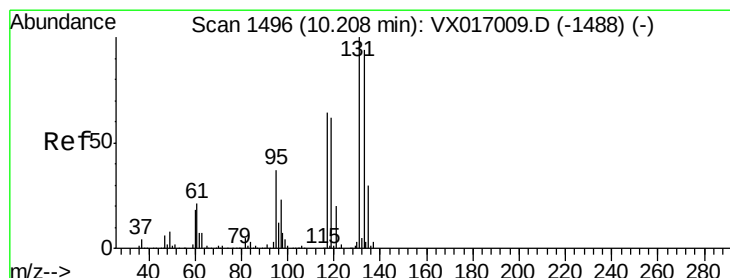
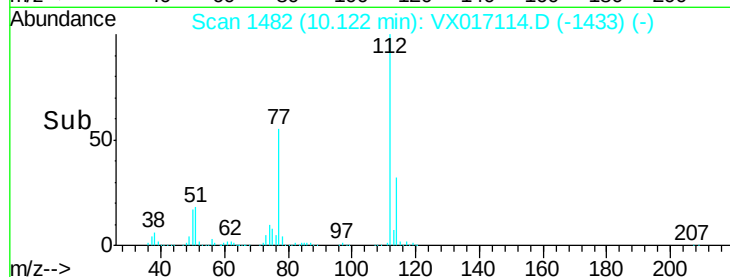
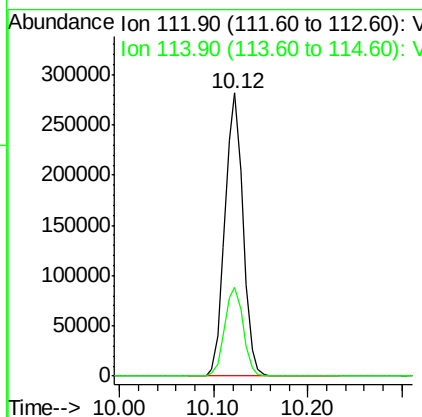
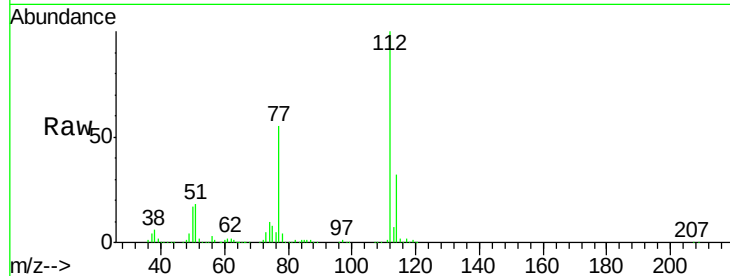
#65
Chlorobenzene
Concen: 48.937 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.2	39.4

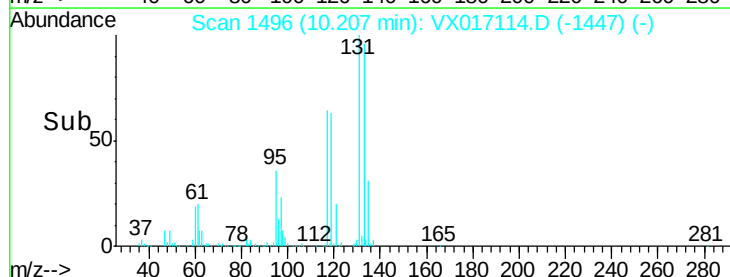
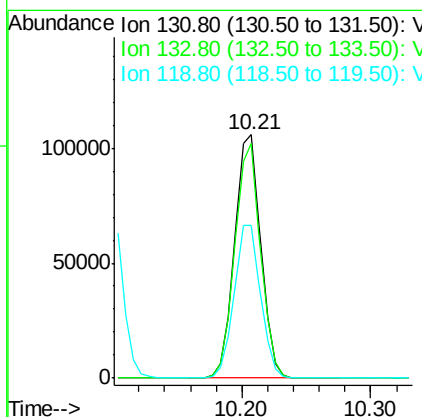
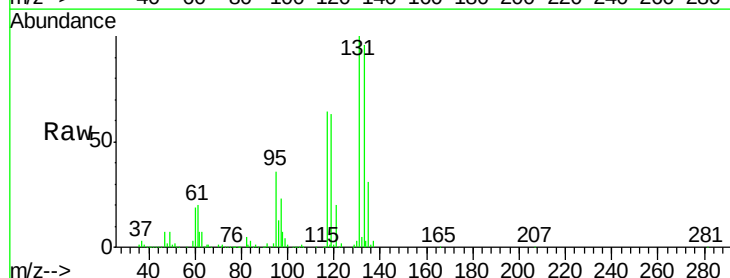
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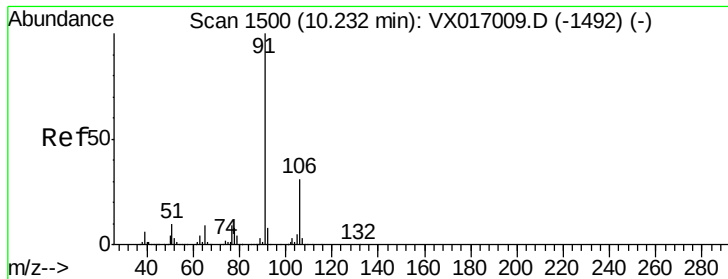
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.613 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	141.9
119	63.8	31.9	95.5





#67

Ethyl Benzene

Concen: 50.890 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 651796

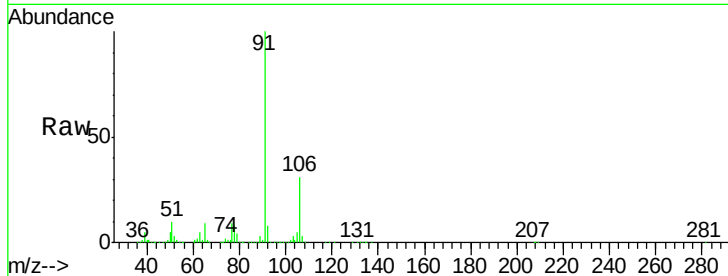
Ion Ratio Lower Upper

91 100

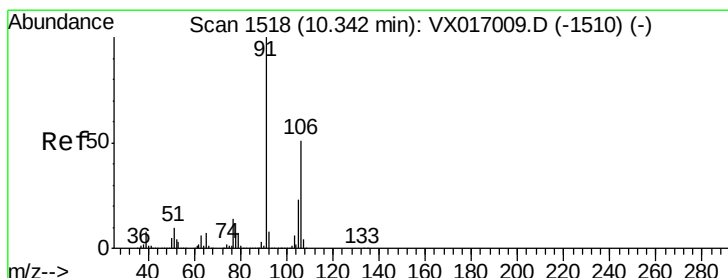
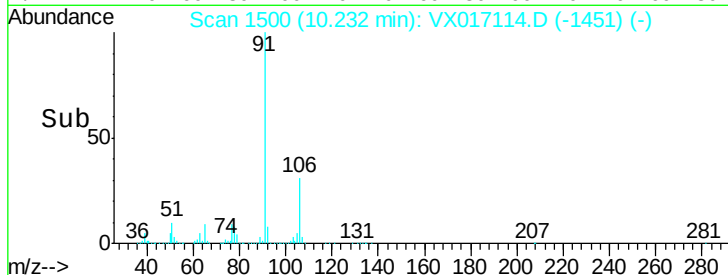
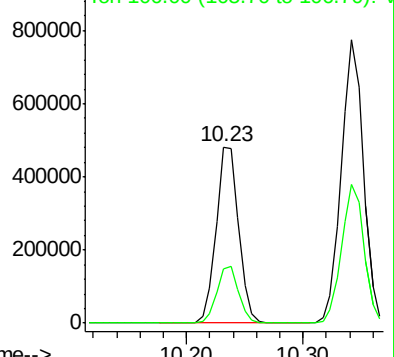
106 30.8 24.7 37.1

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX017114.D (-1451) (-)



#68

m/p-Xylenes

Concen: 103.519 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017114.D

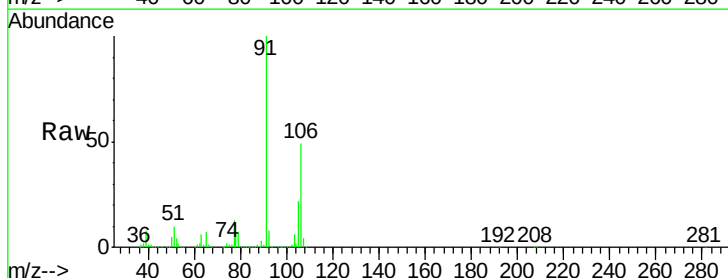
Acq: 01 Jul 2020 21:42

Tgt Ion: 106 Resp: 509086

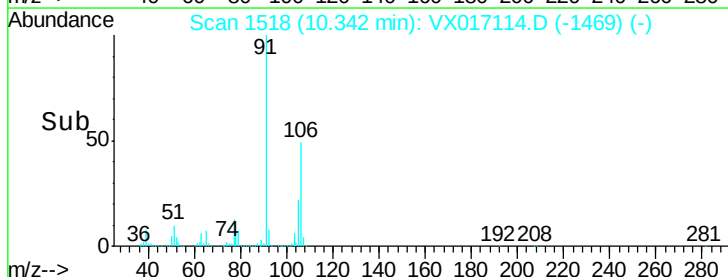
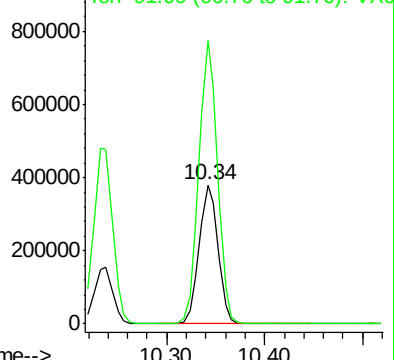
Ion Ratio Lower Upper

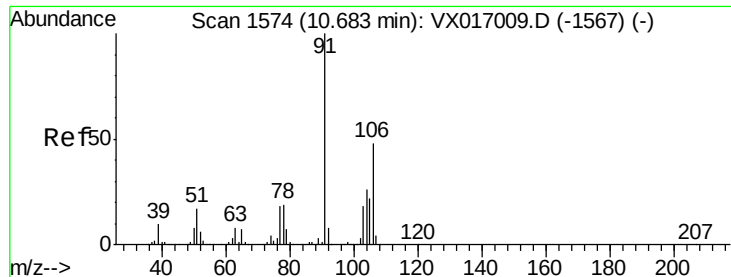
106 100

91 201.6 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): VX017114.D (-1469) (-)





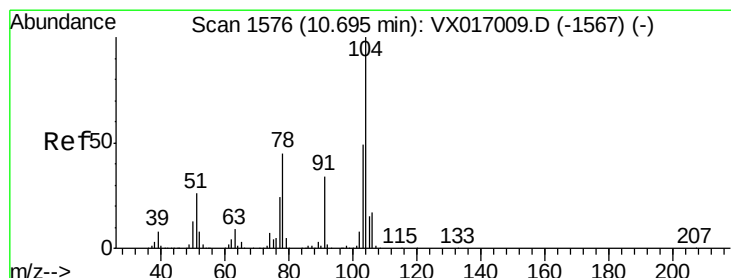
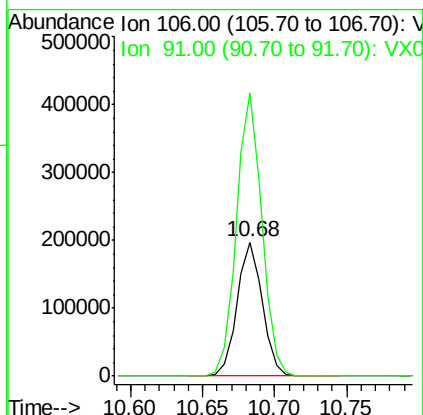
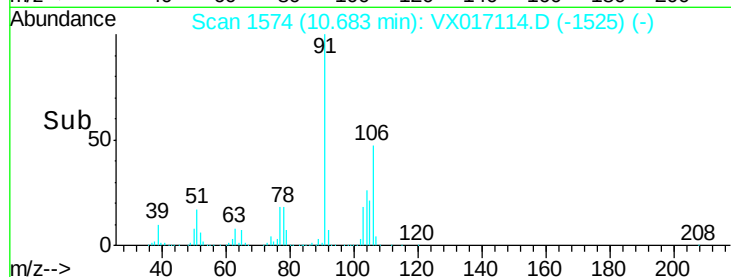
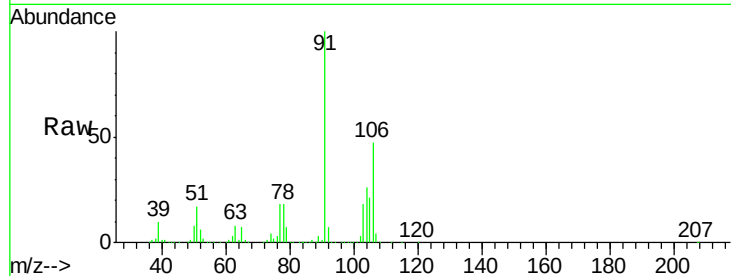
#69
o-Xylene
Concen: 51.567 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
241244	106	100			
	91	212.7	105.6	316.7	

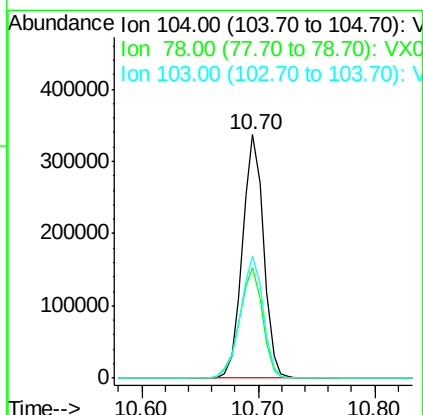
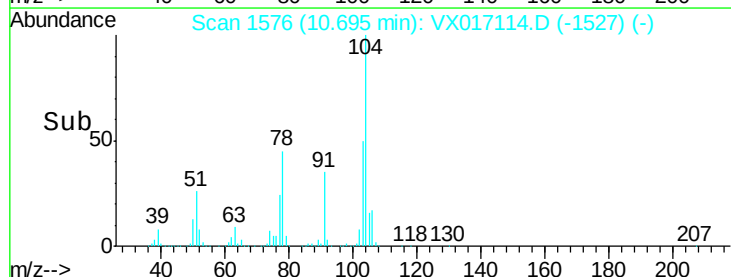
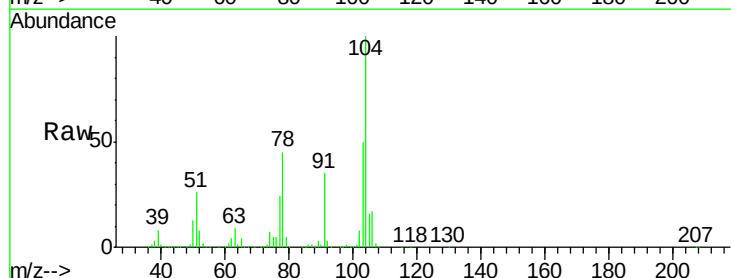
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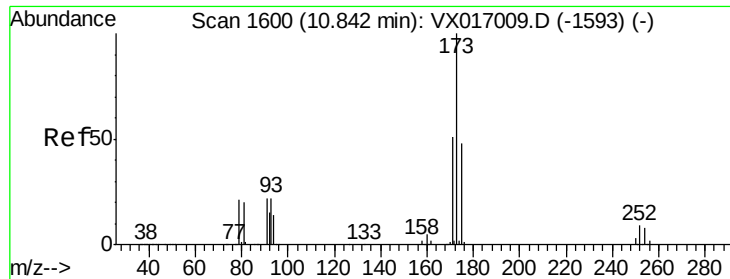
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#70
Styrene
Concen: 53.695 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
427767	104	100			
	78	49.7	39.5	59.3	
	103	54.2	43.0	64.6	





#71

Bromoform

Concen: 55.102 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

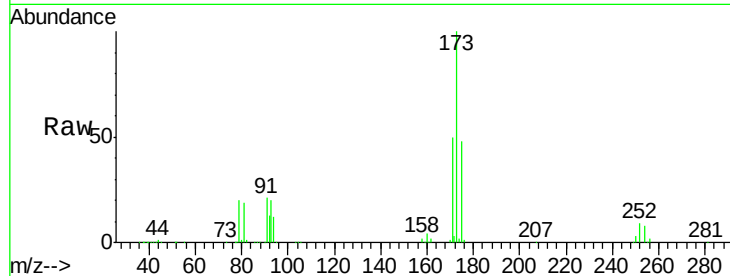
ClientSampleId :

VSTDCCC050

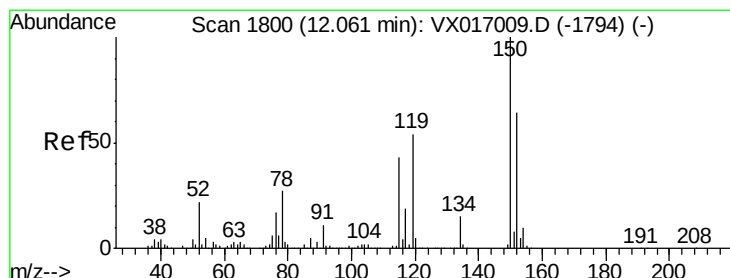
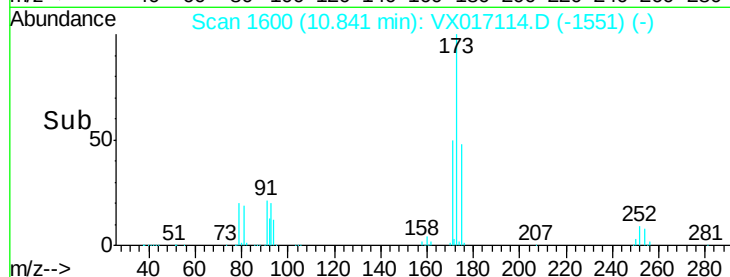
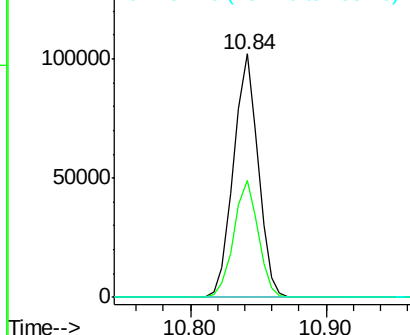
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.5	73.5
254	0.1	0.1	0.1

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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

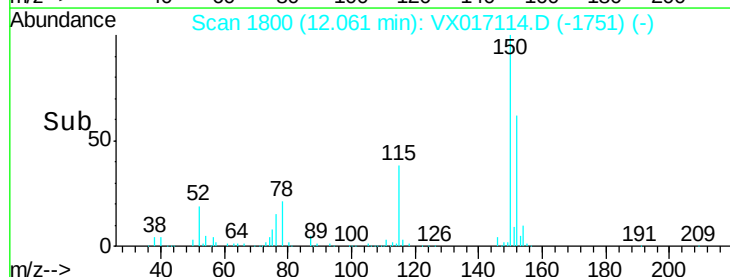
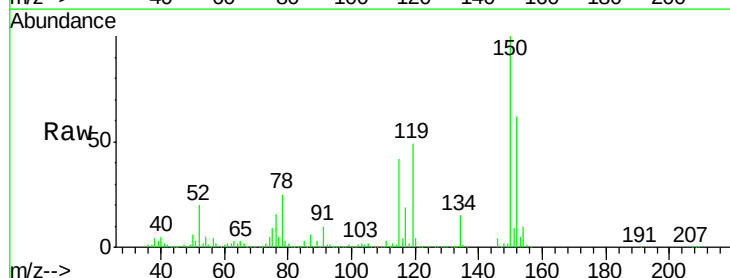
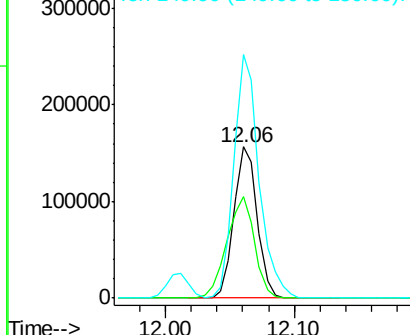
Delta R.T. -0.00 min

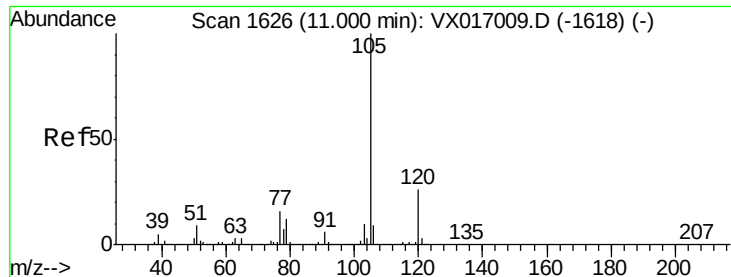
Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.2	40.9	122.7
150	175.1	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: 50.903 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 654481

Ion Ratio Lower Upper

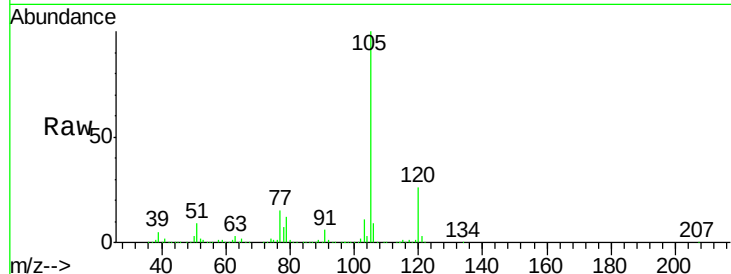
105 100

120 26.7 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

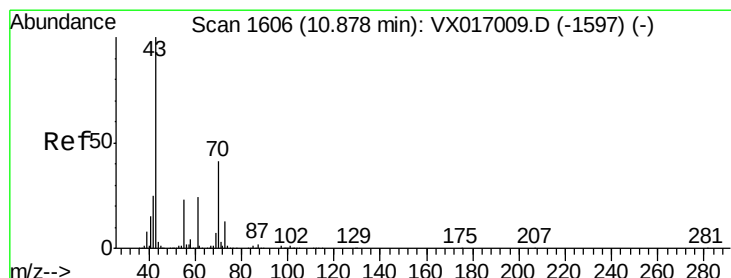
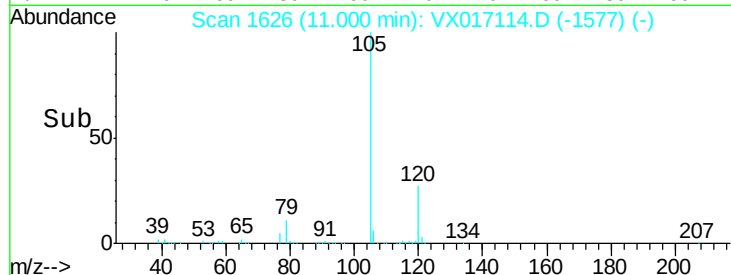
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 50.867 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion: 43 Resp: 279063

Ion Ratio Lower Upper

43 100

70 43.4 34.2 51.2

55 24.3 19.2 28.8

61 24.8 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

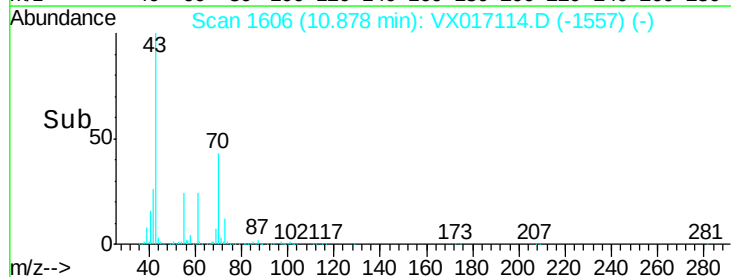
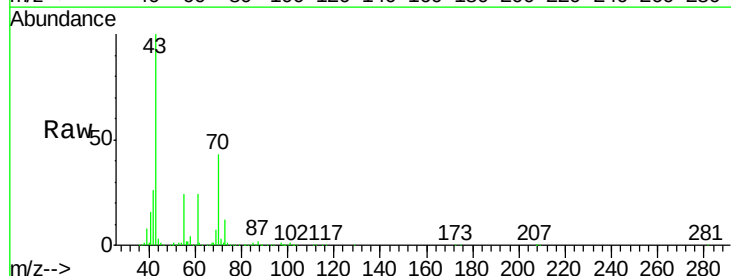
300000

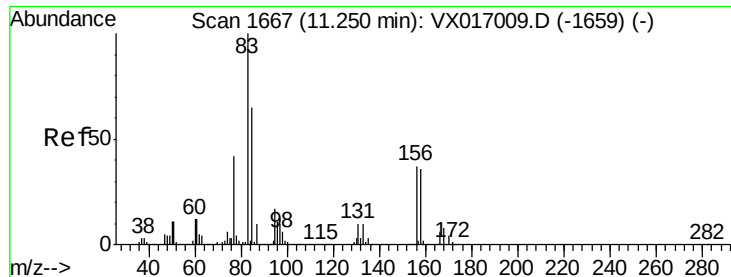
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 49.488 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

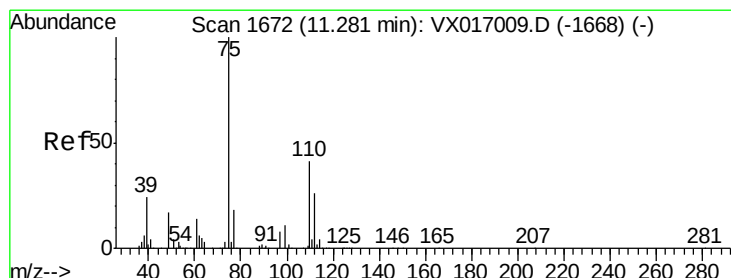
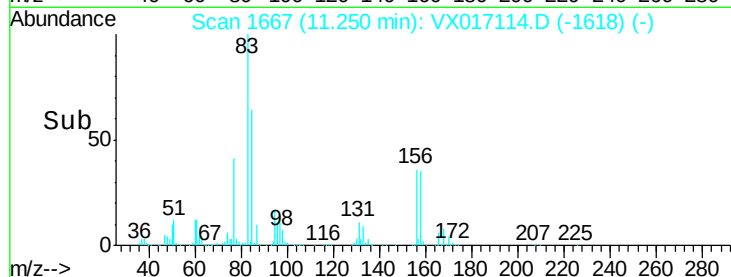
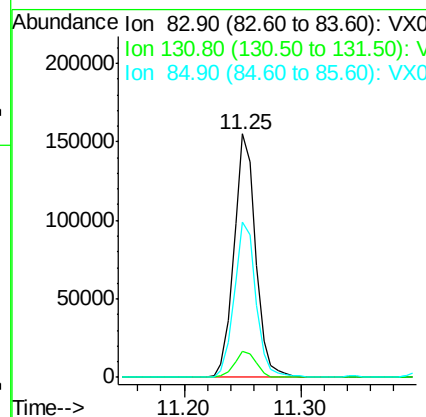
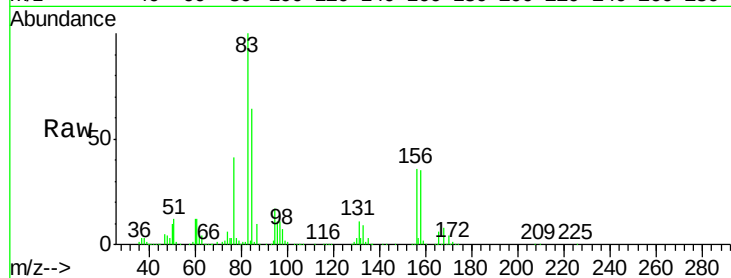
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	200147
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.661 ug/l m

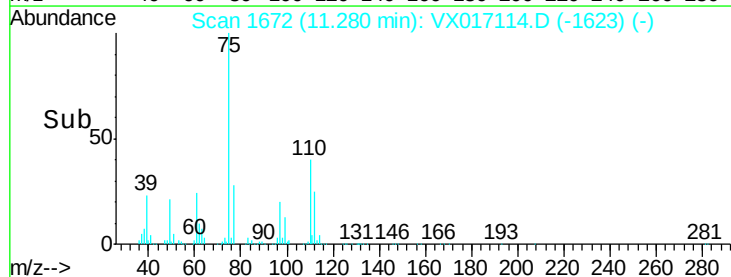
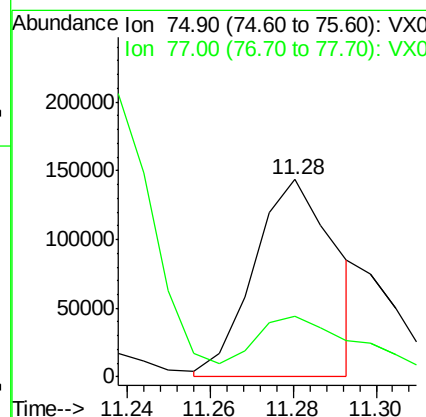
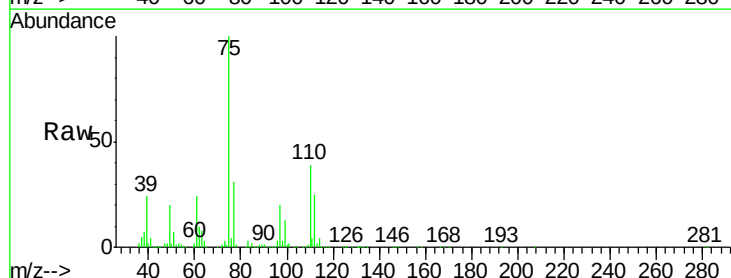
RT: 11.28 min Scan# 1672

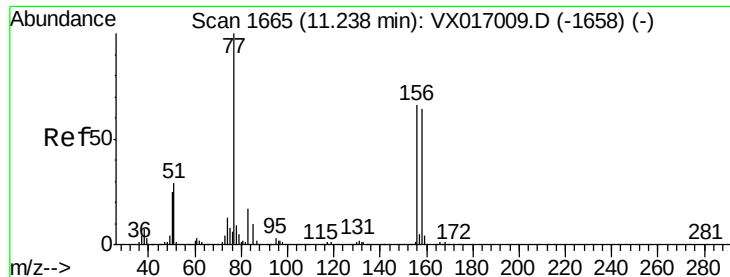
Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion:	75	Resp:	195551
Ion Ratio	Lower	Upper	
75	100		
77	40.1	20.2	60.6





#77

Bromobenzene

Concen: 49.575 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

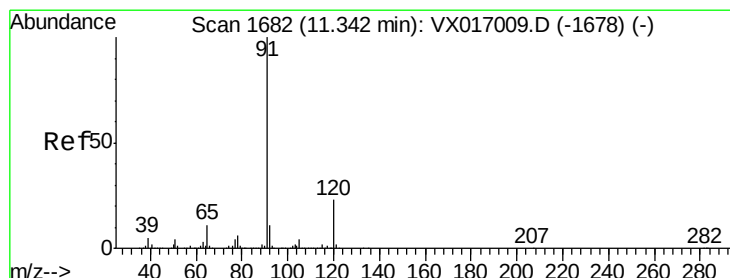
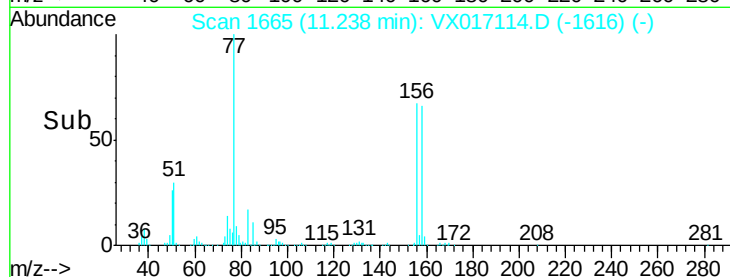
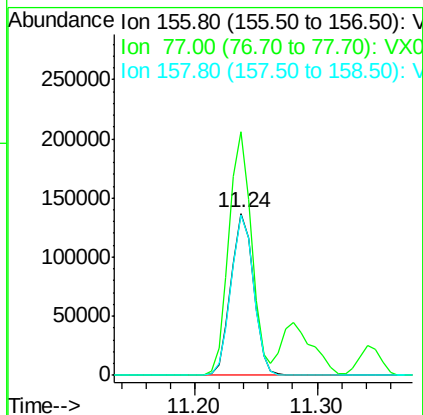
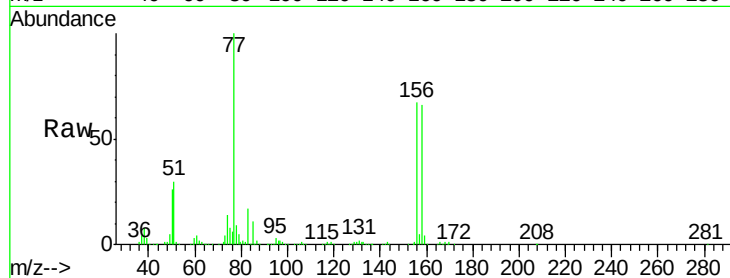
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.8	76.9	230.7
158	98.6	47.9	143.6

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7/2/2020 9:15:28 AM



#78

n-propylbenzene

Concen: 50.908 ug/l

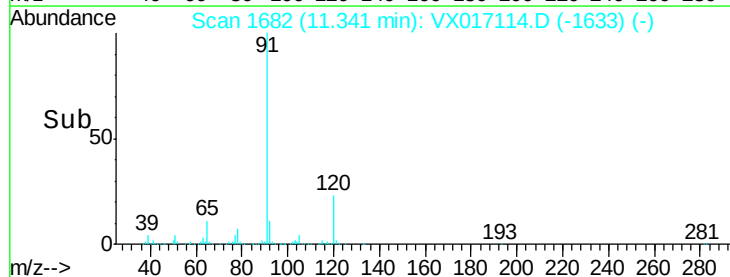
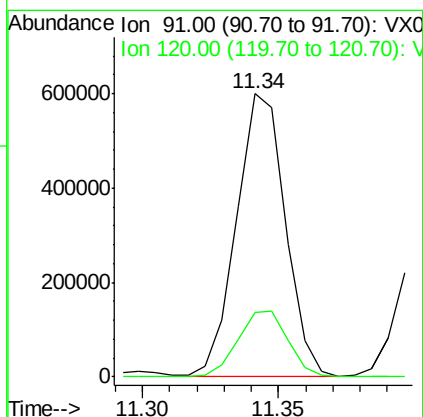
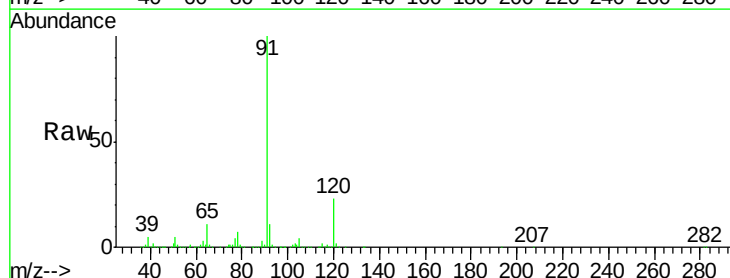
RT: 11.34 min Scan# 1682

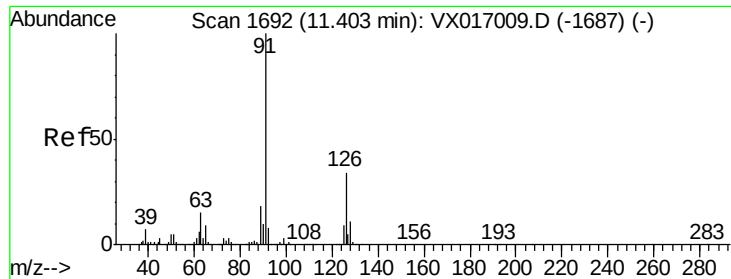
Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.9	35.9





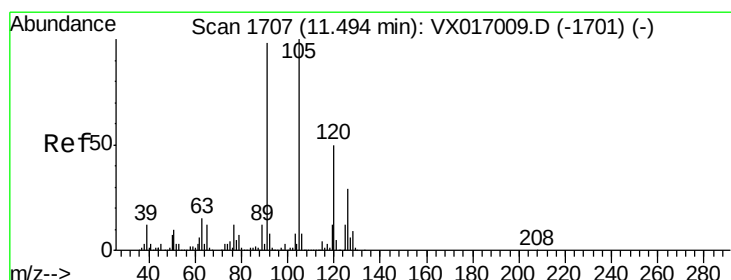
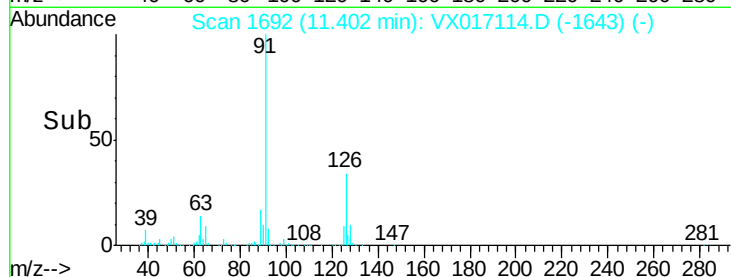
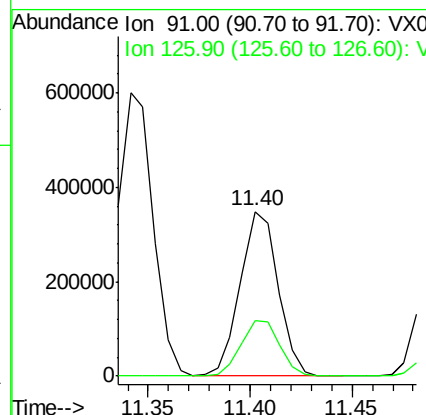
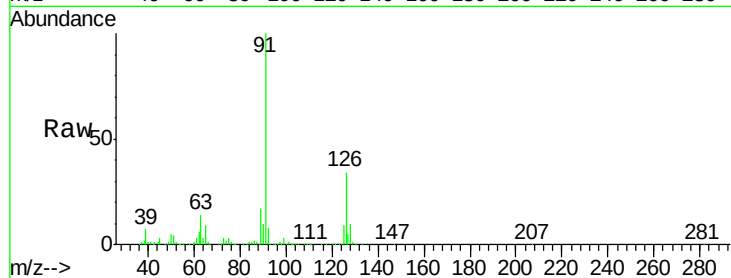
#79
2-Chlorotoluene
Concen: 50.955 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 448378
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3

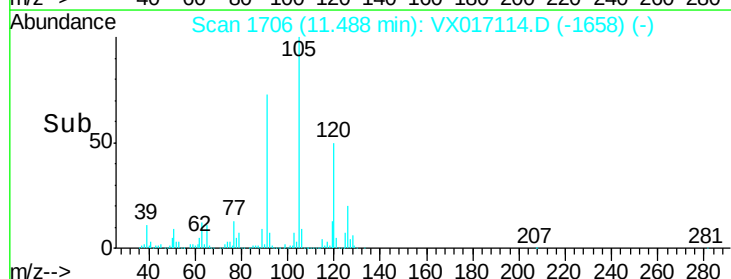
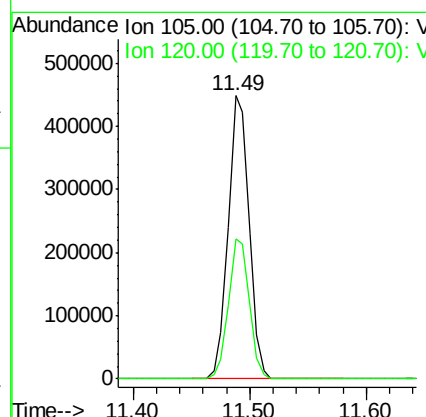
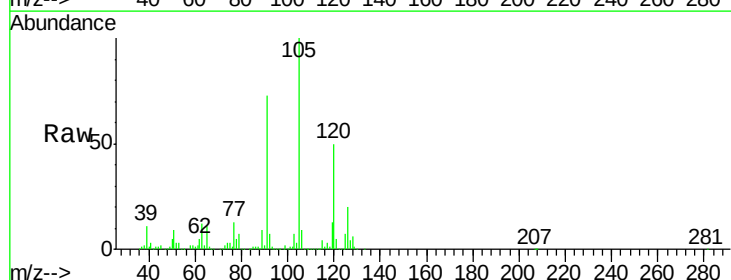
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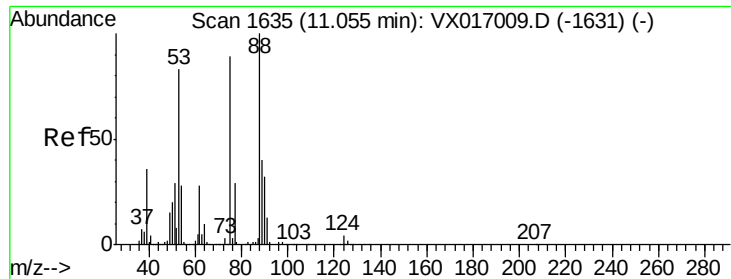
MMDadoda
7/2/2020 9:15:28 AM



#80
1,3,5-Trimethylbenzene
Concen: 52.017 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 105 Resp: 554751
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.173 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 73294

Ion Ratio Lower Upper

75 100

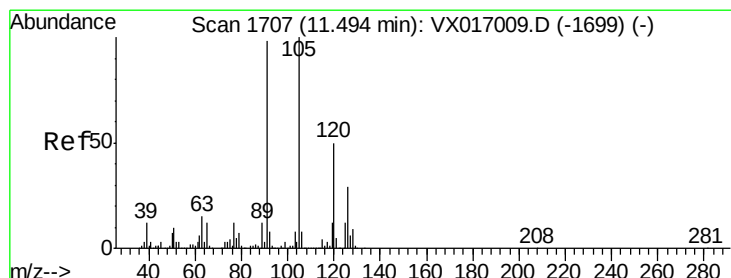
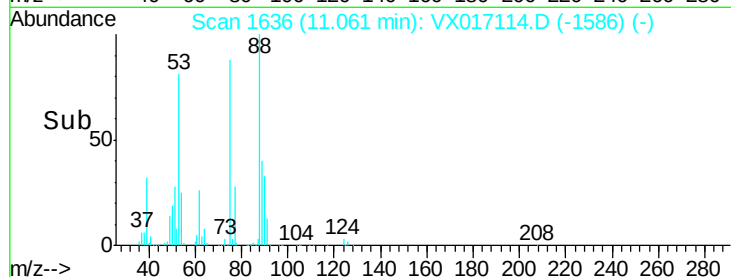
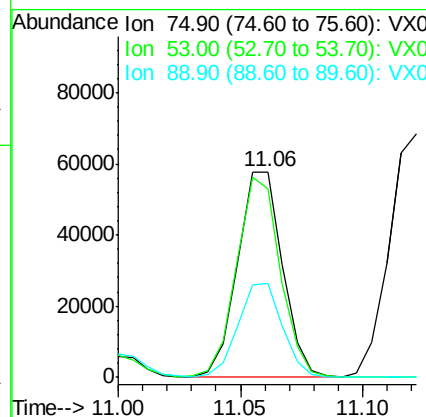
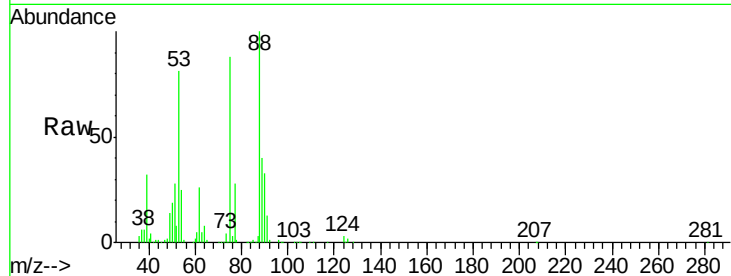
53 95.5 72.4 108.6

89 46.0 37.0 55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.727 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017114.D

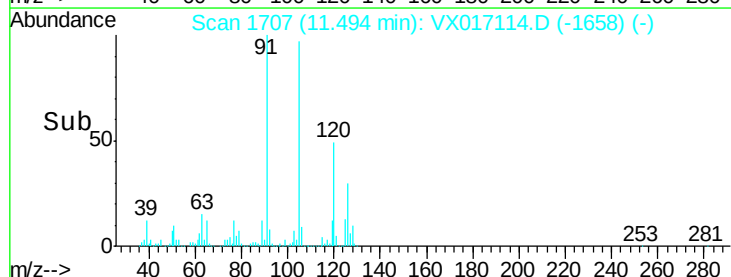
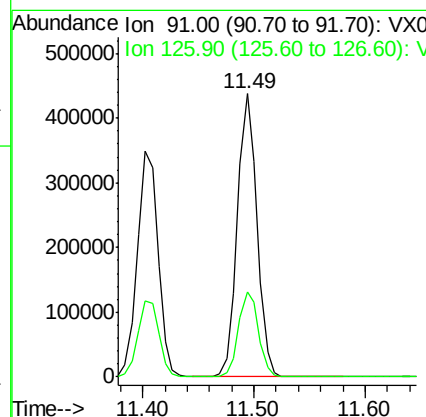
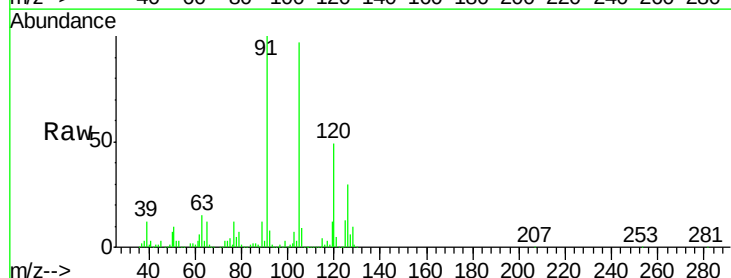
Acq: 01 Jul 2020 21:42

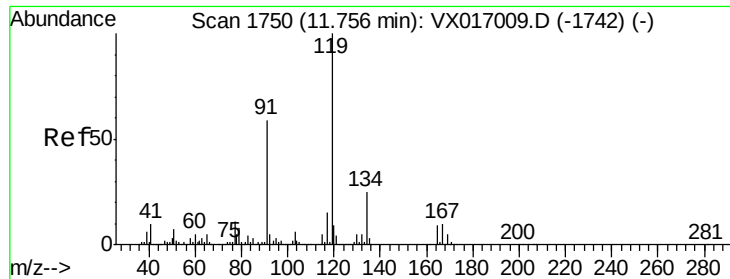
Tgt Ion: 91 Resp: 533608

Ion Ratio Lower Upper

91 100

126 30.7 15.2 45.5





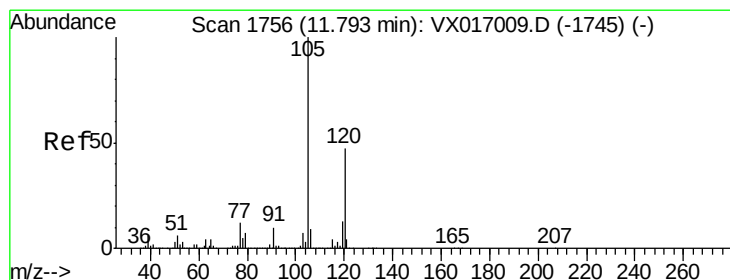
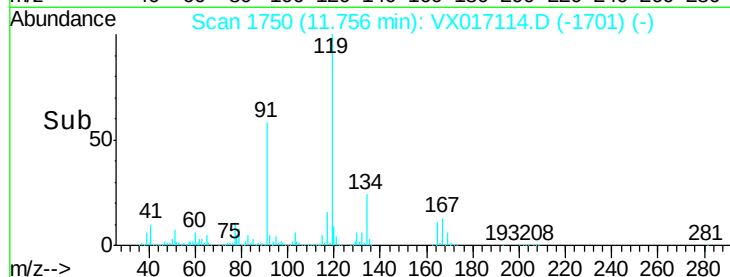
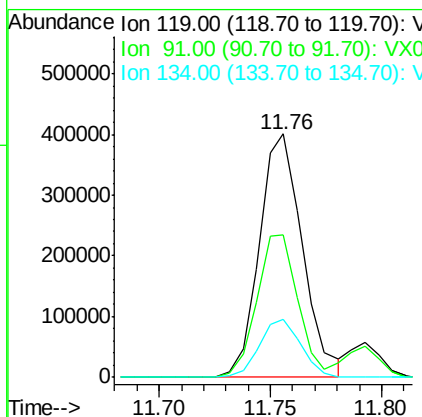
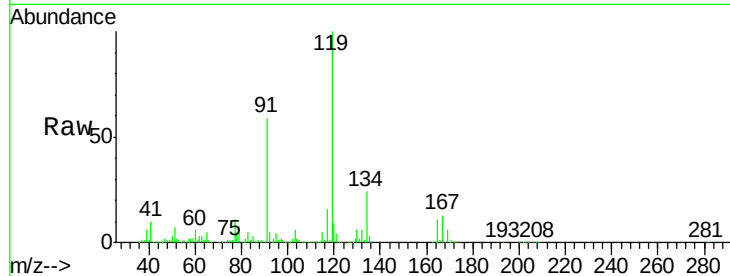
#83
 tert-Butylbenzene
 Concen: 51.368 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	28.3	84.9
134	23.1	11.7	35.1

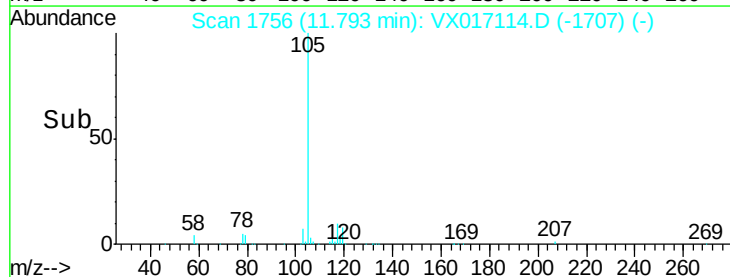
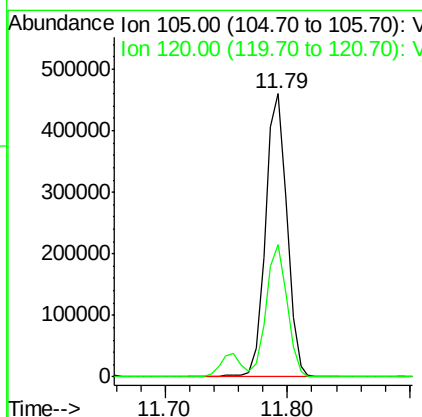
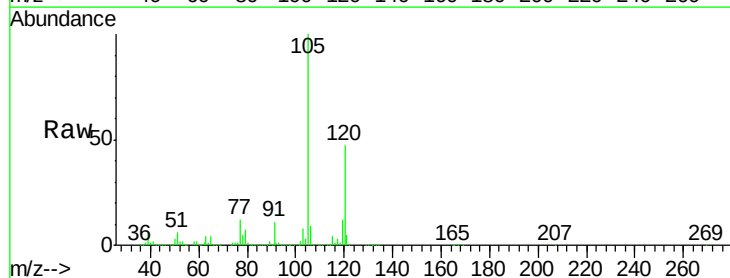
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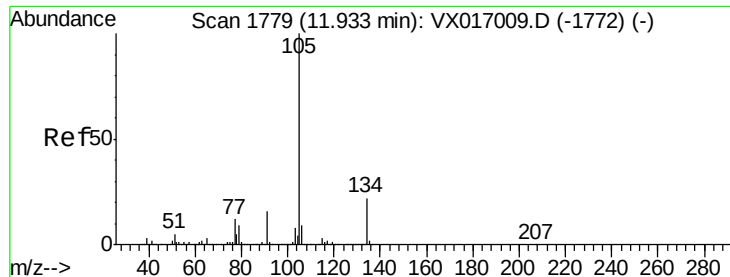
MMDadoda
 7/2/2020 9:15:28 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.972 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.5





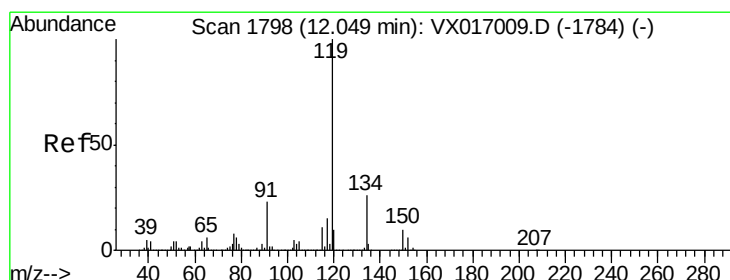
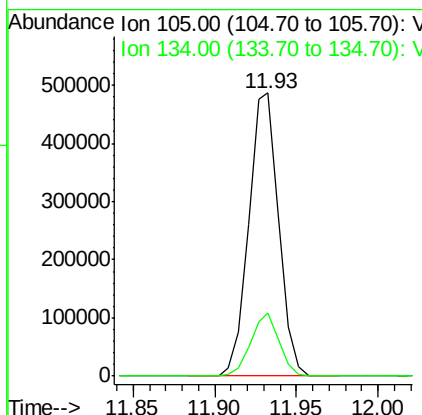
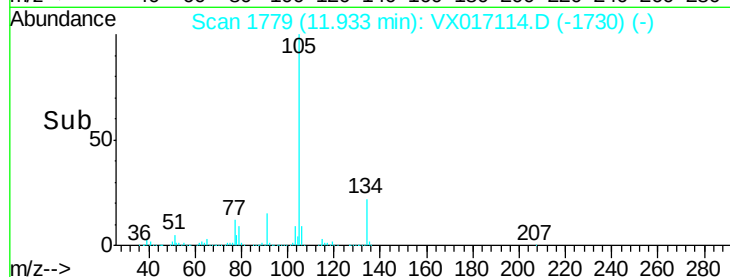
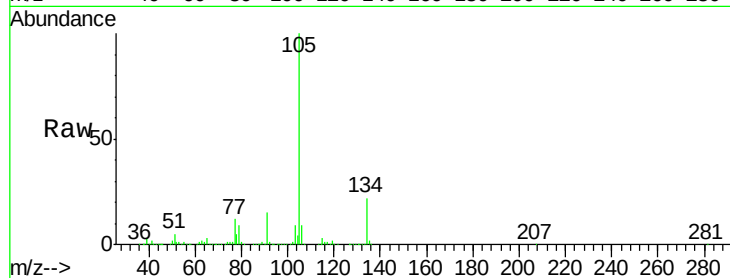
#85
 sec-Butylbenzene
 Concen: 50.417 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.6

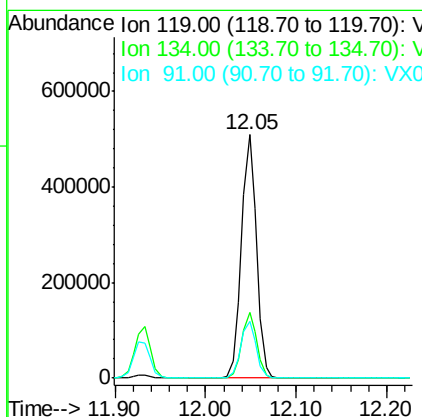
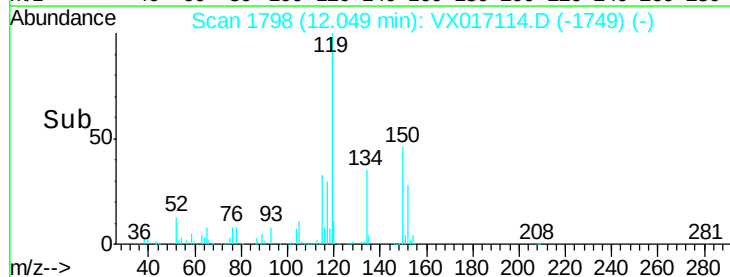
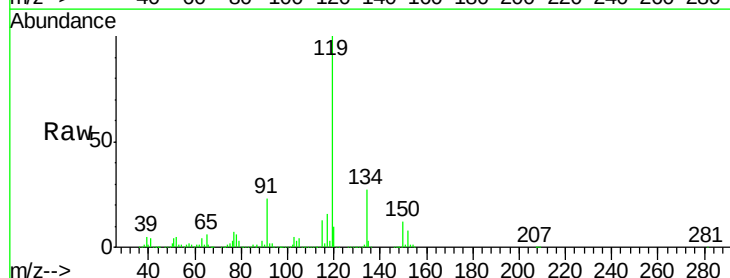
Manual Integrations
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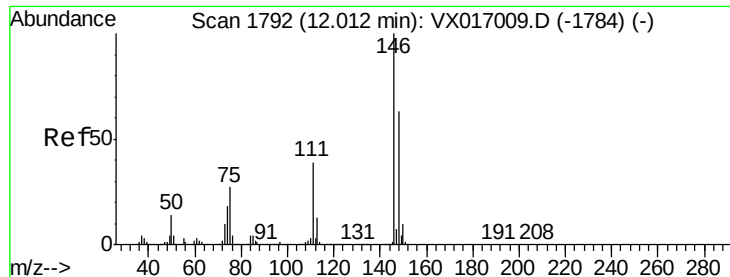
MMDadoda
 7/2/2020 9:15:28 AM



#86
 p-Isopropyltoluene
 Concen: 51.205 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.2	39.5
91	23.6	11.8	35.4





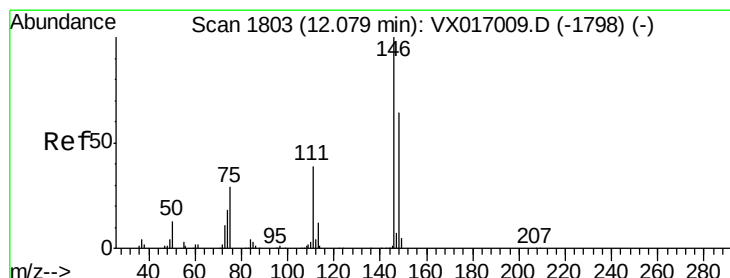
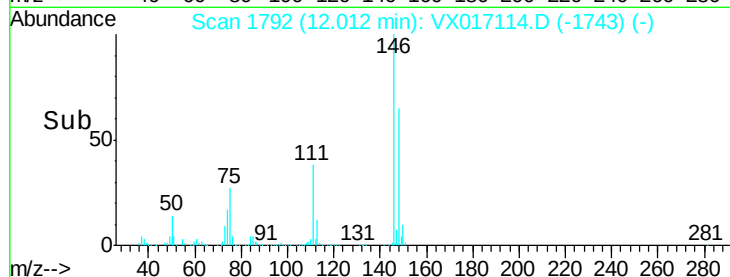
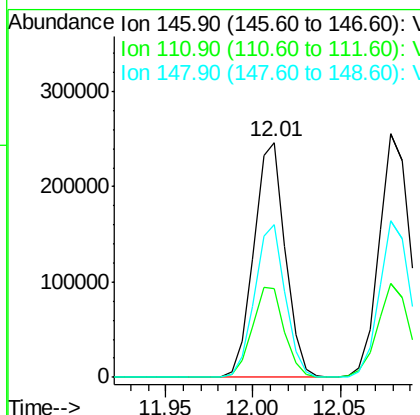
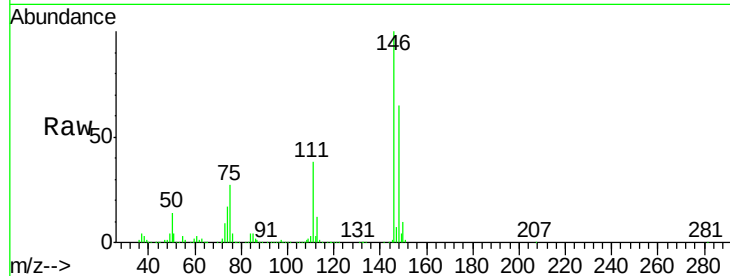
#87
 1,3-Dichlorobenzene
 Concen: 47.962 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.4	61.2
148	63.7	32.5	97.5

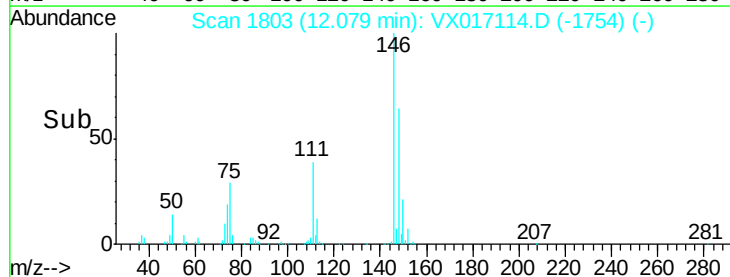
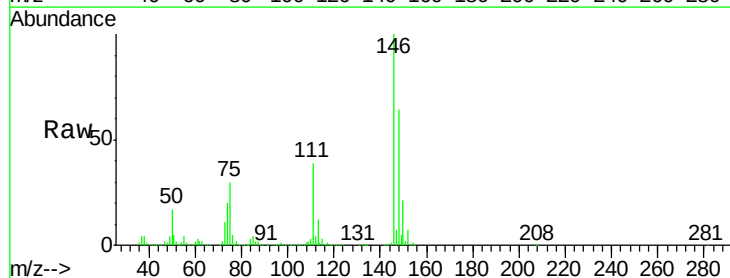
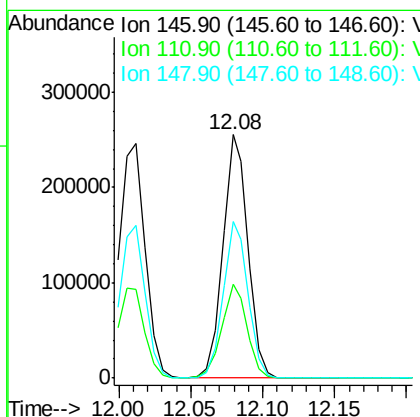
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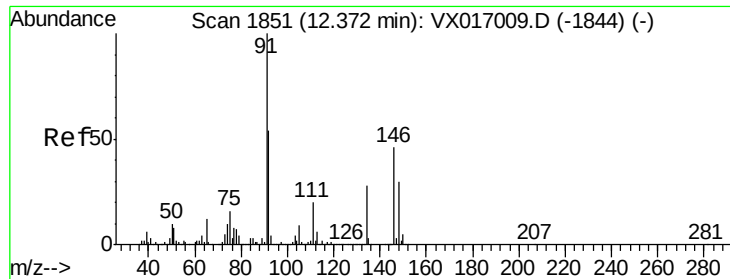
MMDadoda
 7/2/2020 9:15:28 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.409 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	64.1	31.9	95.7





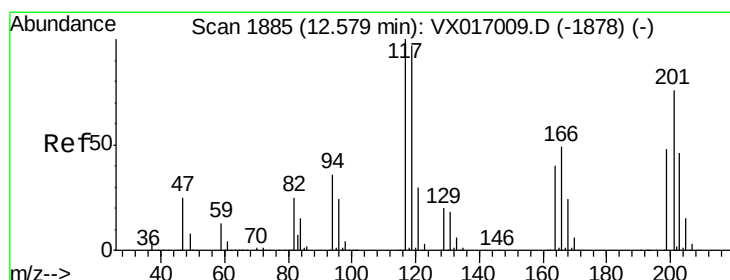
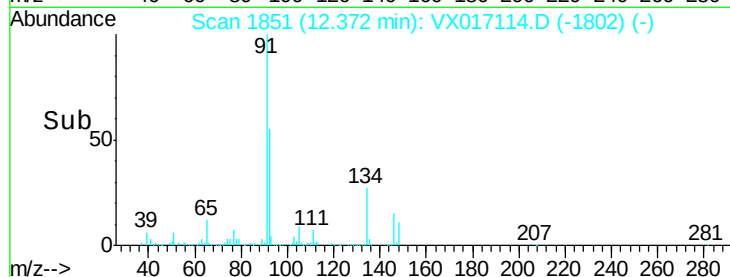
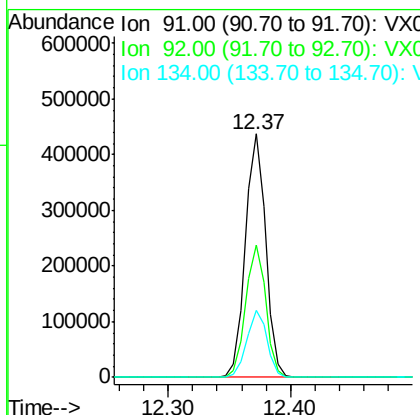
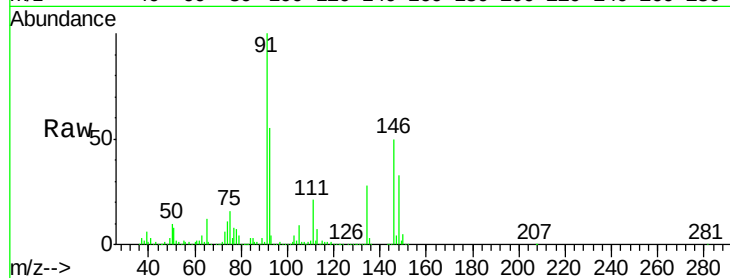
#89
n-Butylbenzene
Concen: 48.931 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	27.6	13.6	40.7

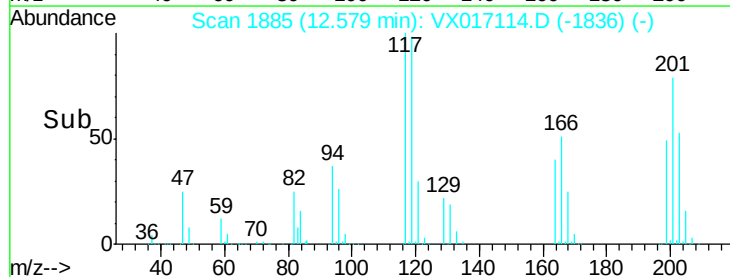
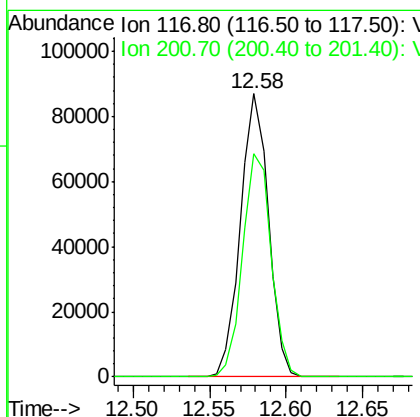
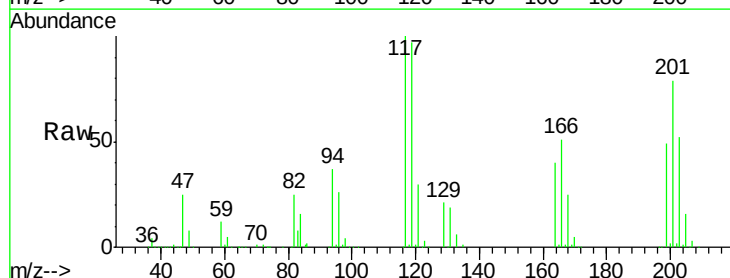
Manual Integrations
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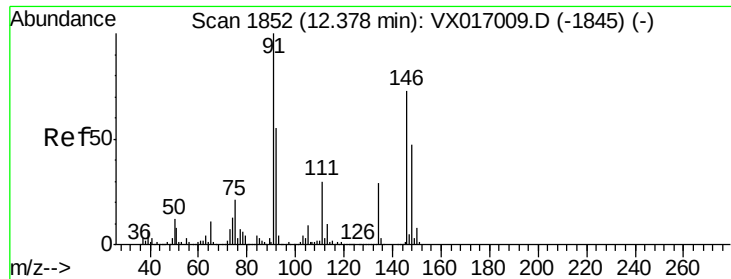
MMDadoda
7/2/2020 9:15:28 AM



#90
Hexachloroethane
Concen: 48.876 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.4	39.4	118.2





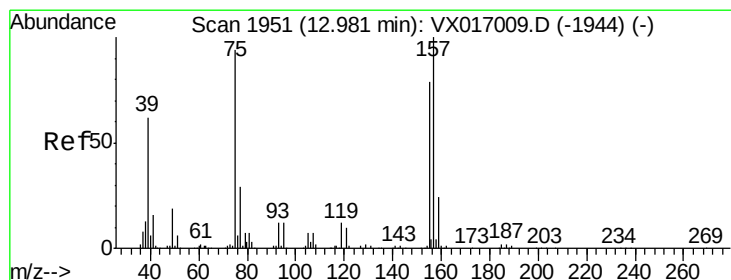
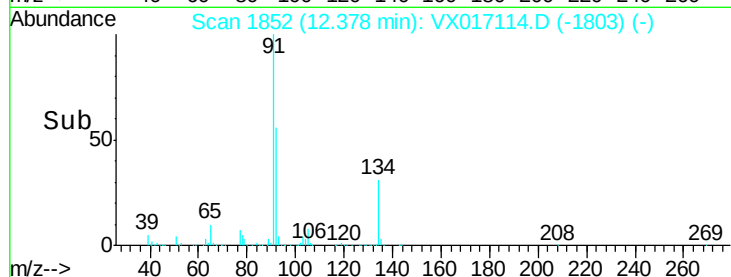
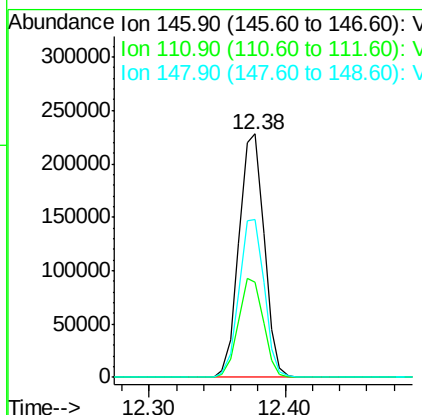
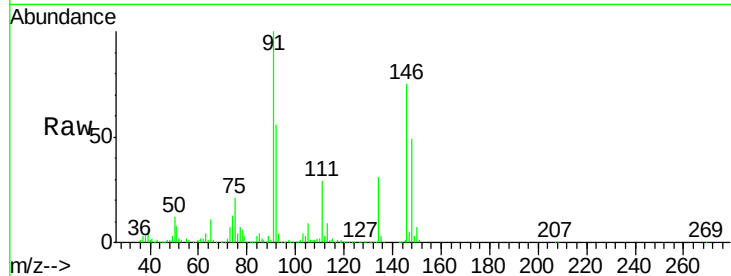
#91
 1,2-Dichlorobenzene
 Concen: 49.244 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	64.6	32.4	97.2

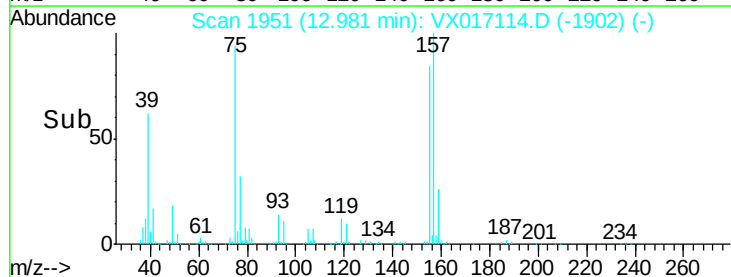
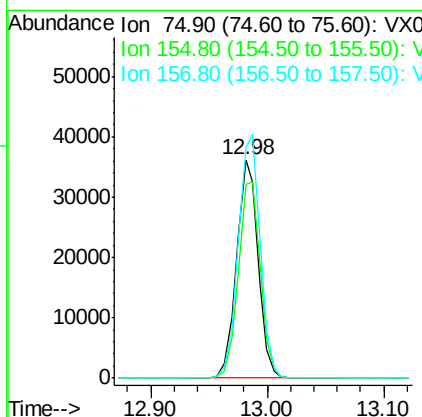
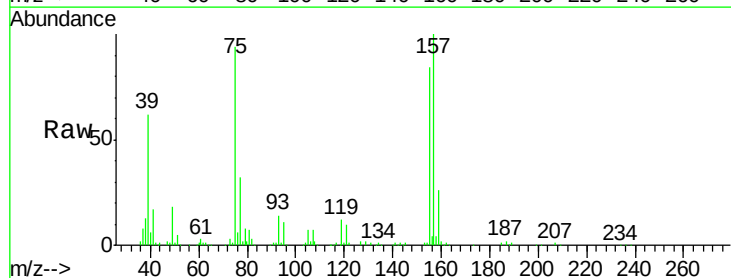
Manual Integrations
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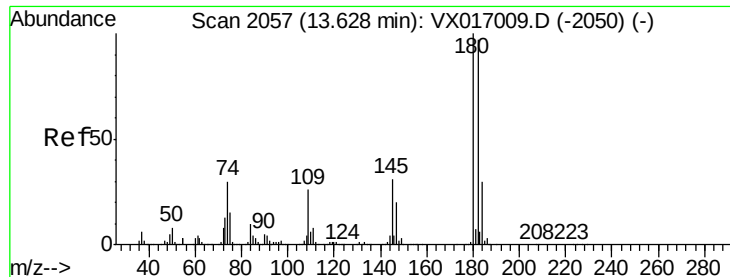
MMDadoda
 7/2/2020 9:15:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.318 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	45.1	135.2
157	113.5	56.5	169.3





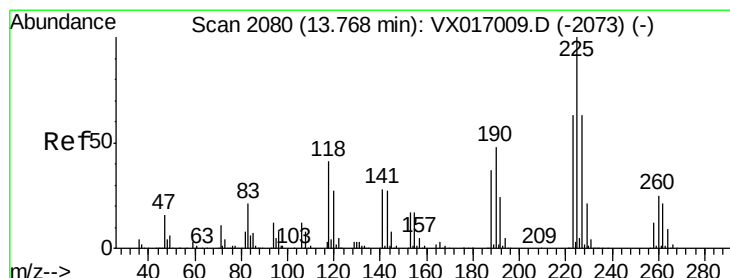
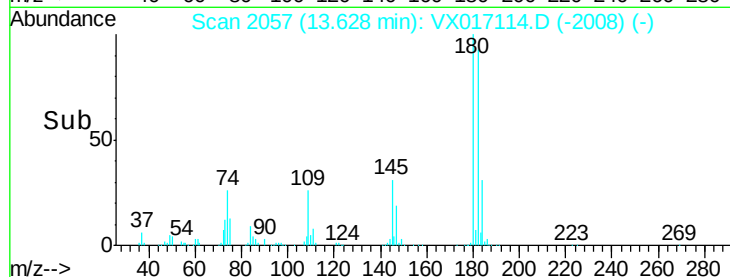
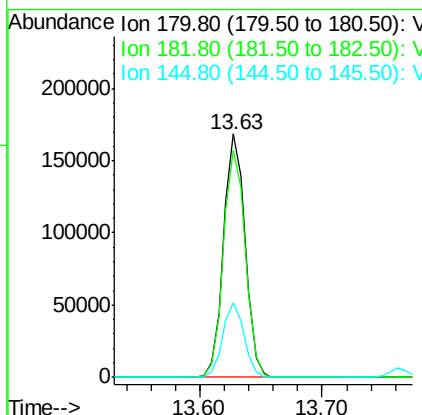
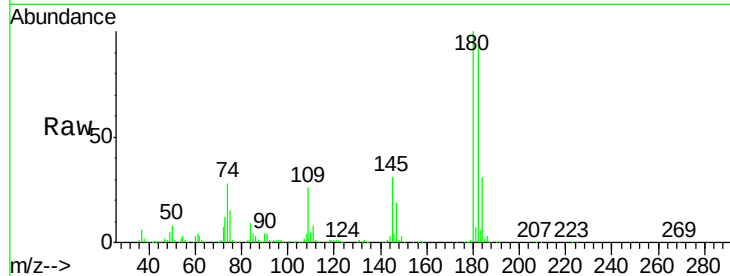
#93
 1,2,4-Trichlorobenzene
 Concen: 50.118 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205213		
182	94.7	47.3	141.9	
145	30.4	15.4	46.2	

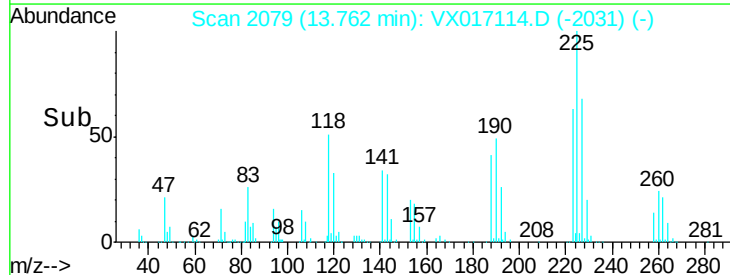
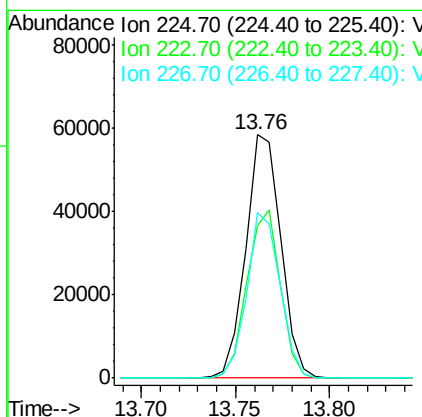
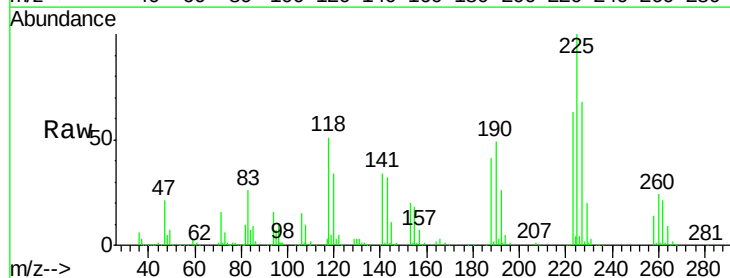
Manual Integrations
 APPROVED

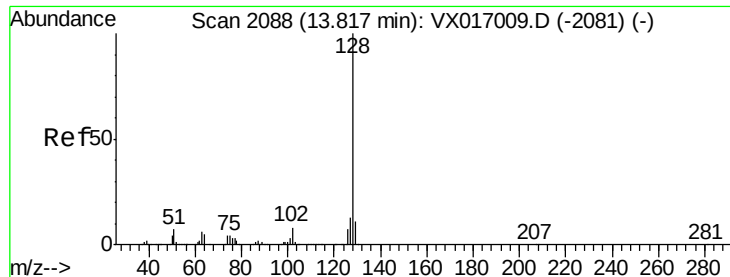
MMDadoda
 7/2/2020 9:15:28 AM



#94
 Hexachlorobutadiene
 Concen: 48.458 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75262		
223	65.8	32.5	97.5	
227	64.5	33.1	99.2	





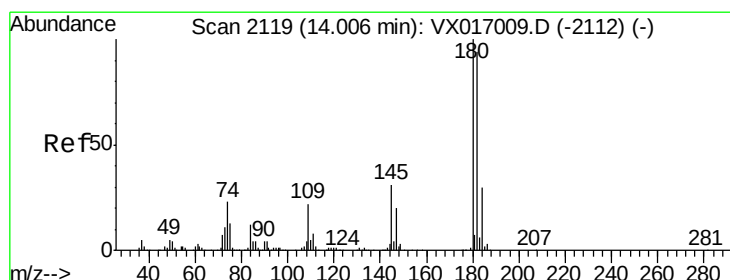
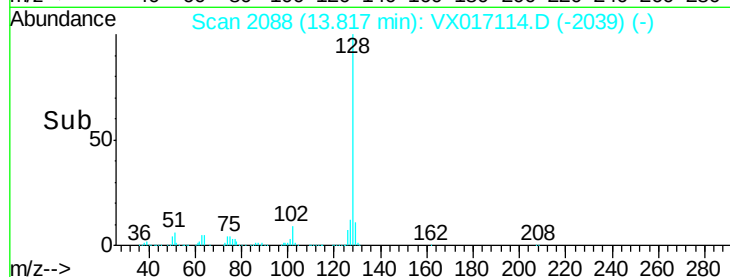
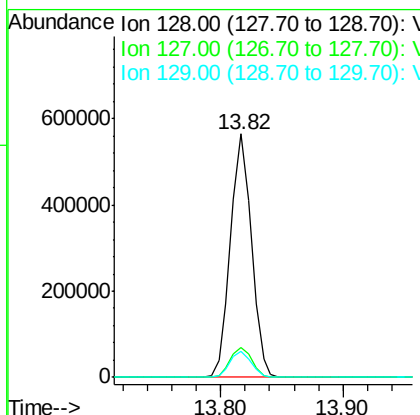
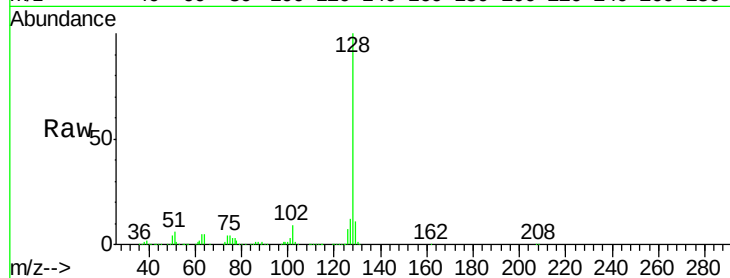
#95
Naphthalene
Concen: 53.786 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/2/2020 9:15:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.297 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.1	141.4
145	32.8	16.6	49.7

