

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018022.D
 Acq On : 20 Aug 2020 09:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 10:51:00 AM

Quant Time: Aug 20 15:20:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	512699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	735928	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.10	117	709761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	400268	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	329780	43.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.76%	
35) Dibromofluoromethane	5.46	113	261522	47.72	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	95.44%	
50) Toluene-d8	8.70	98	936025	48.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	379696	53.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	375522	48.501	ug/l	96
3) Chloromethane	1.31	50	304773	43.468	ug/l	97
4) Vinyl Chloride	1.39	62	301511	41.916	ug/l	95
5) Bromomethane	1.62	94	190055	48.437	ug/l	99
6) Chloroethane	1.71	64	177098	46.058	ug/l	97
7) Trichlorofluoromethane	1.92	101	503660	46.912	ug/l	96
8) Diethyl Ether	2.17	74	137527	43.952	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	217193	43.013	ug/l	99
10) Methyl Iodide	2.49	142	248993	38.239	ug/l	96
11) Tert butyl alcohol	3.01	59	297594	205.081	ug/l	99
12) 1,1-Dichloroethene	2.36	96	194729	42.138	ug/l	98
13) Acrolein	2.27	56	179038	233.566	ug/l	99
14) Allyl chloride	2.70	41	394574	47.873	ug/l	100
15) Acrylonitrile	3.12	53	716072	225.959	ug/l	100
16) Acetone	2.42	43	880921	297.931	ug/l	97
17) Carbon Disulfide	2.55	76	528796	47.162	ug/l	98
18) Methyl Acetate	2.75	43	344736	46.334	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	876367	49.602	ug/l	98
20) Methylene Chloride	2.83	84	254168	46.657	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	229572	48.323	ug/l	100
22) Diisopropyl ether	3.82	45	875389	50.666	ug/l	99
23) Vinyl Acetate	3.78	43	3210034	243.120	ug/l	99
24) 1,1-Dichloroethane	3.67	63	461115	48.143	ug/l	99
25) 2-Butanone	4.63	43	1114674	249.013	ug/l	97
26) 2,2-Dichloropropane	4.55	77	450274	51.626	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	279847	49.935	ug/l	100
28) Bromochloromethane	4.98	49	227786	46.020	ug/l	98
29) Tetrahydrofuran	5.09	42	628869	226.204	ug/l	99
30) Chloroform	5.17	83	507550	48.482	ug/l	100
31) Cyclohexane	5.54	56	416196	53.587	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	456893	48.109	ug/l	99
36) 1,1-Dichloropropene	5.76	75	335625	54.487	ug/l	99
37) Ethyl Acetate	4.79	43	349418	47.411	ug/l	99
38) Carbon Tetrachloride	5.75	117	422690	53.022	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	427411	54.109	ug/l	97
40) Benzene	6.11	78	970619	52.317	ug/l	96
41) Methacrylonitrile	5.00	41	215329	50.975	ug/l	97
42) 1,2-Dichloroethane	6.16	62	404826	51.370	ug/l	99
43) Isopropyl Acetate	6.41	43	593563	49.890	ug/l	99
44) Trichloroethene	7.18	130	288190	52.381	ug/l	95
45) 1,2-Dichloropropane	7.49	63	277105	52.130	ug/l	98
46) Dibromomethane	7.63	93	192218	51.812	ug/l	95
47) Bromodichloromethane	7.87	83	420441	52.204	ug/l	99
48) Methyl methacrylate	7.74	41	304346	51.601	ug/l	96
49) 1,4-Dioxane	7.71	88	120335	996.580	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1991979	248.674	ug/l	100
52) Toluene	8.76	92	646802	53.287	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	458273	53.799	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	472285	53.176	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	282774	50.710	ug/l	100
56) Ethyl methacrylate	9.16	69	426260	54.066	ug/l	98
57) 1,3-Dichloropropane	9.35	76	466522	52.678	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	914153	239.437	ug/l	100
59) 2-Hexanone	9.47	43	1573924	259.304	ug/l	99
60) Dibromochloromethane	9.56	129	364871	52.391	ug/l	96
61) 1,2-Dibromoethane	9.65	107	301593	48.828	ug/l	100
64) Tetrachloroethene	9.32	164	285354	52.645	ug/l	97
65) Chlorobenzene	10.12	112	744940	52.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	316247	53.065	ug/l	98
67) Ethyl Benzene	10.23	91	1303394	56.119	ug/l	98
68) m/p-Xylenes	10.34	106	999546	111.787	ug/l	97
69) o-Xylene	10.68	106	468705	54.359	ug/l	97
70) Styrene	10.70	104	852672	57.320	ug/l	99
71) Bromoform	10.84	173	281277	52.584	ug/l #	100
73) Isopropylbenzene	11.00	105	1368400	53.114	ug/l	99
74) N-amyl acetate	10.88	43	571229	49.848	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	430340	47.882	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	414555m	48.701	ug/l	
77) Bromobenzene	11.24	156	349709	48.925	ug/l	98
78) n-propylbenzene	11.34	91	1581711	52.491	ug/l	99
79) 2-Chlorotoluene	11.40	91	936079	50.974	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1169177	51.700	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	159825	49.326	ug/l	97
82) 4-Chlorotoluene	11.49	91	1141777	52.871	ug/l	100
83) tert-Butylbenzene	11.76	119	1139465	53.354	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1214993	51.896	ug/l	100
85) sec-Butylbenzene	11.93	105	1348956	52.324	ug/l	99
86) p-Isopropyltoluene	12.05	119	1281678	53.443	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	651949	50.113	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	674281	52.904	ug/l	99
89) n-Butylbenzene	12.37	91	1139170	57.393	ug/l	98
90) Hexachloroethane	12.58	117	245047	51.376	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	631909	52.617	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106722	46.616	ug/l	98

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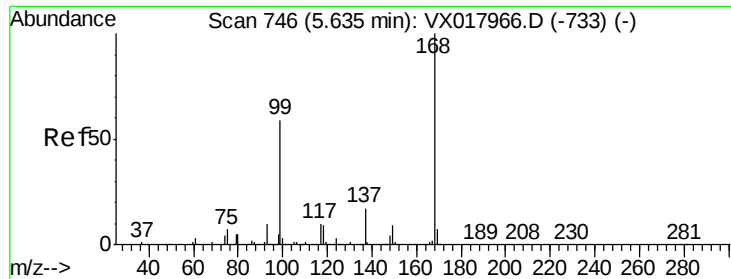
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	432887	54.791	ug/l	97
94) Hexachlorobutadiene	13.77	225	184096	54.600	ug/l	97
95) Naphthalene	13.82	128	1350547	54.153	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	424658	52.858	ug/l	100

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



#1

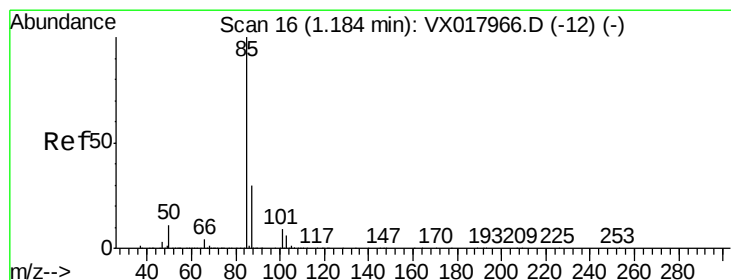
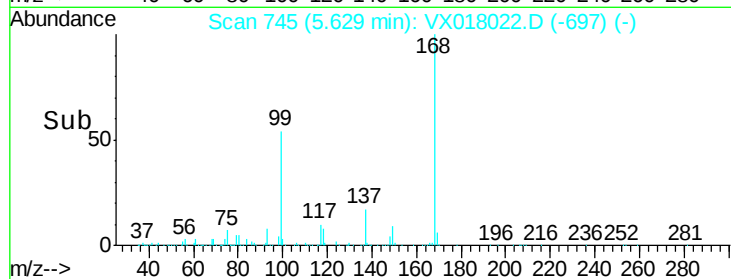
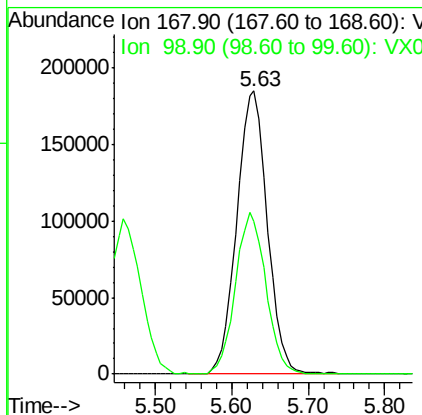
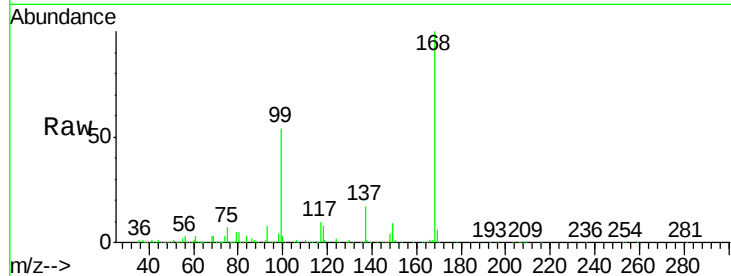
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.8	47.4	71.2

Manual Integrations
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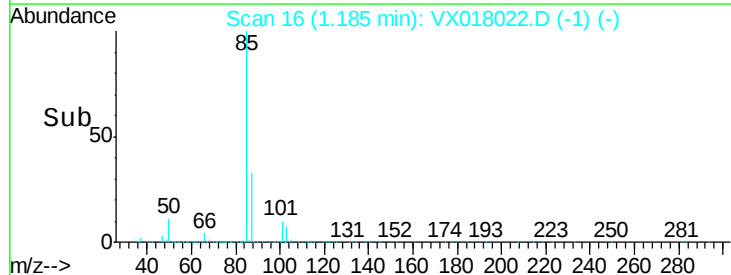
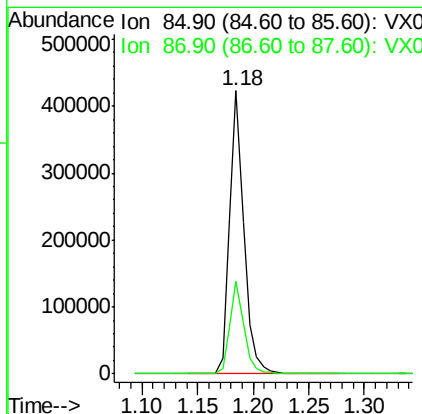
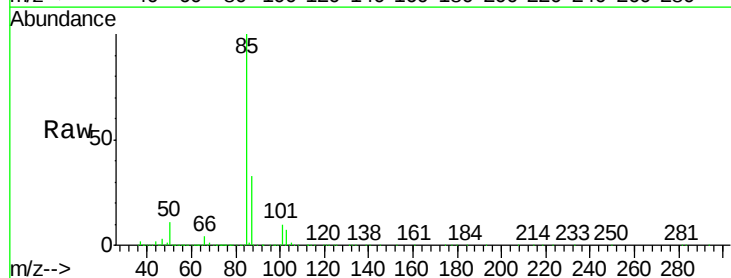
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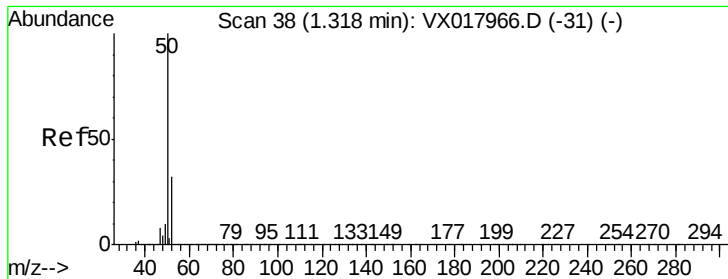


#2

Dichlorodifluoromethane
 Concen: 48.501 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.3	45.8





#3

Chloromethane

Concen: 43.468 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 304773

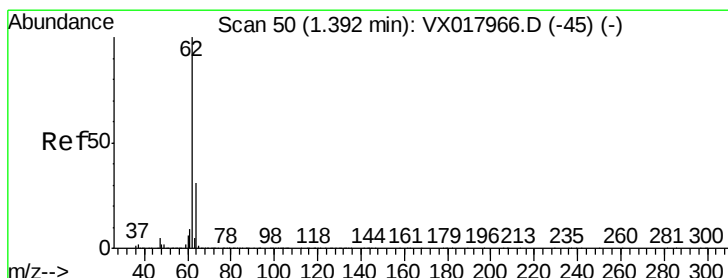
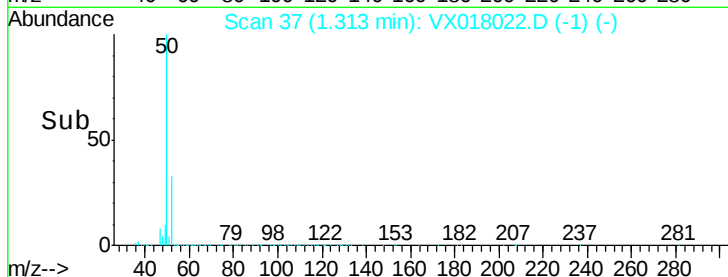
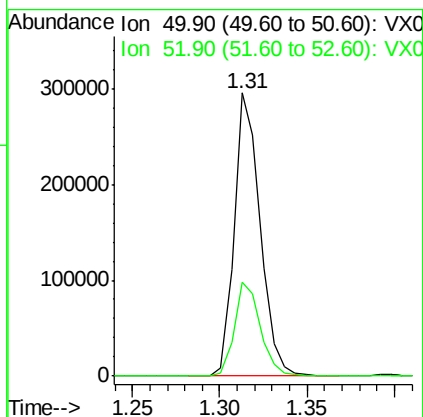
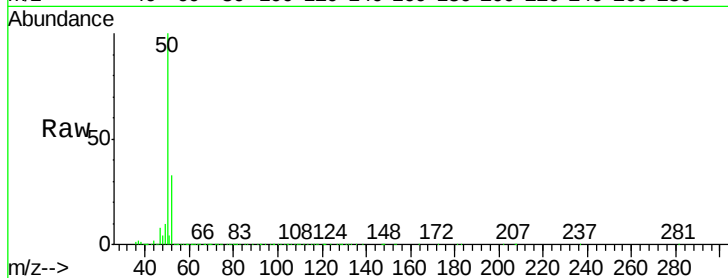
Ion Ratio Lower Upper

50 100

52 33.3 25.4 38.0

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#4

Vinyl Chloride

Concen: 41.916 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018022.D

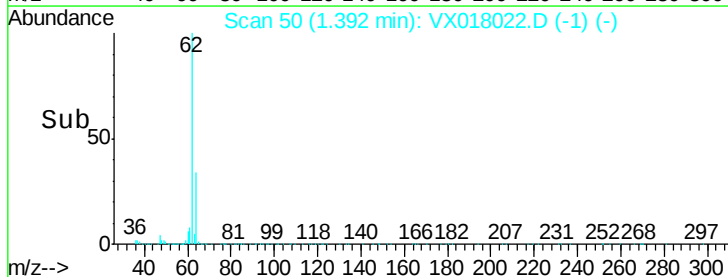
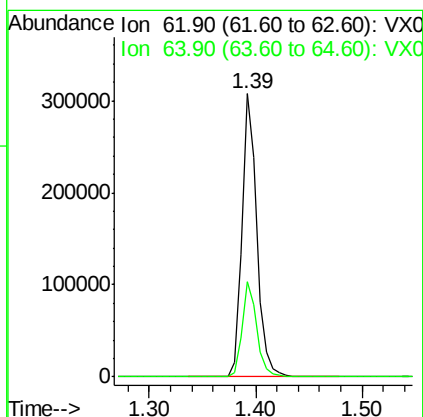
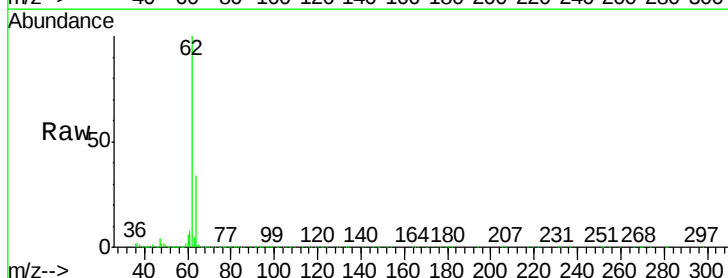
Acq: 20 Aug 2020 09:24

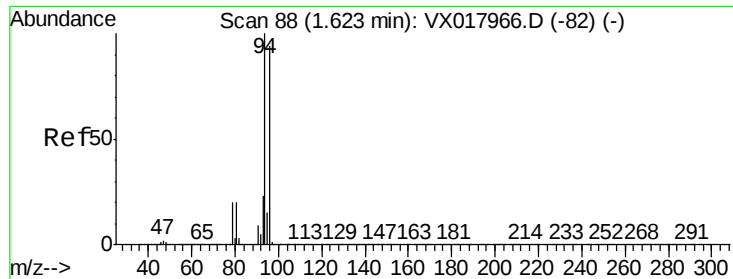
Tgt Ion: 62 Resp: 301511

Ion Ratio Lower Upper

62 100

64 33.9 24.7 37.1





#5

Bromomethane

Concen: 48.437 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 190055

Ion Ratio Lower Upper

94 100

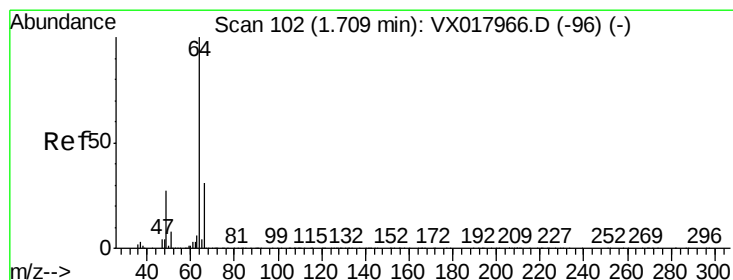
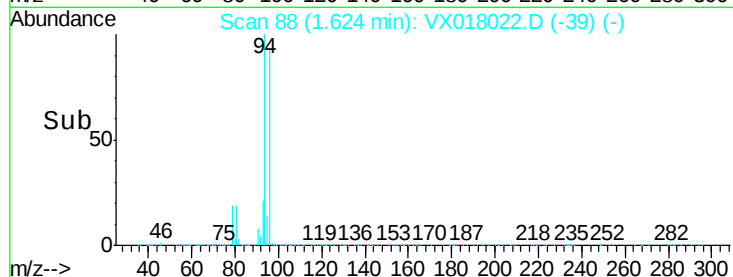
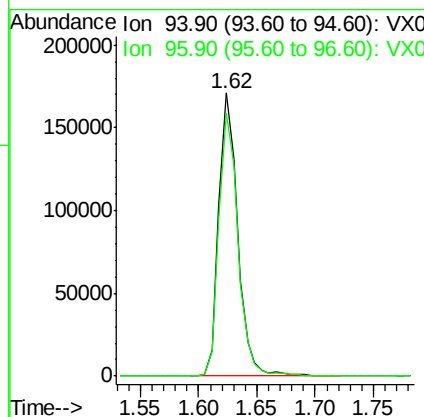
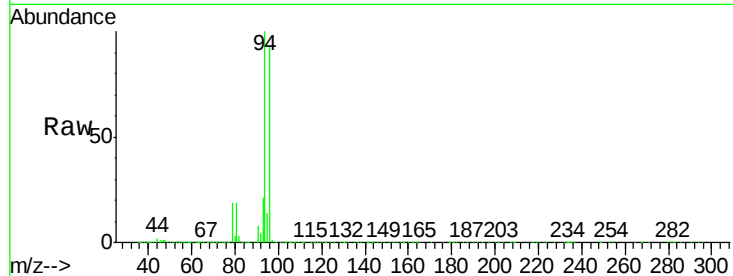
96 93.0 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 46.058 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018022.D

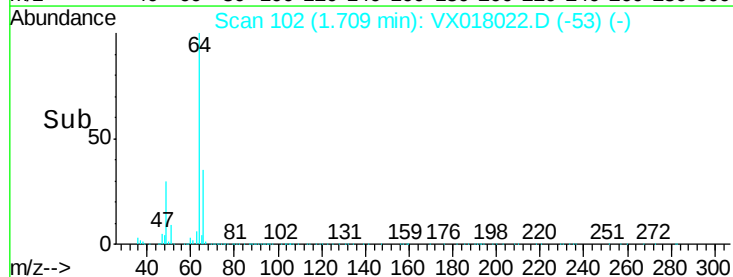
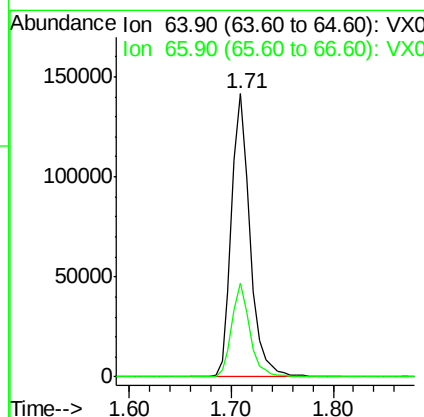
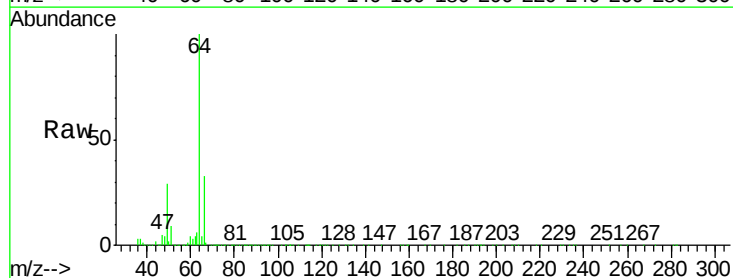
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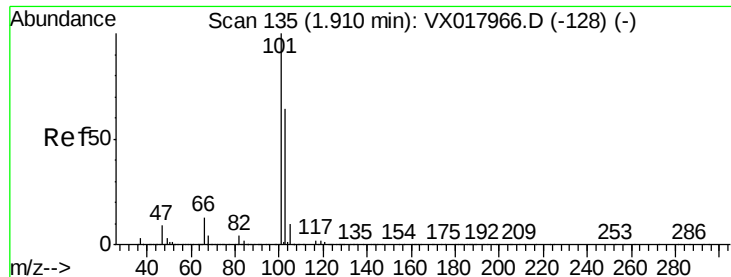
Tgt Ion: 64 Resp: 177098

Ion Ratio Lower Upper

64 100

66 32.8 25.0 37.4





#7

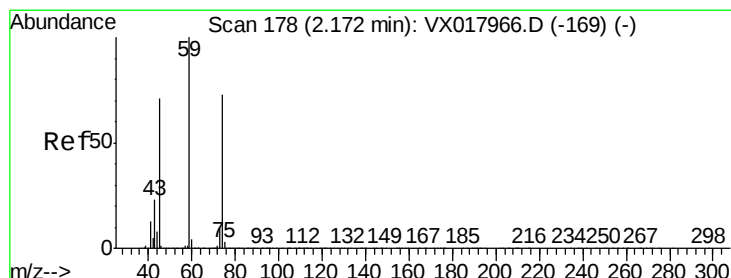
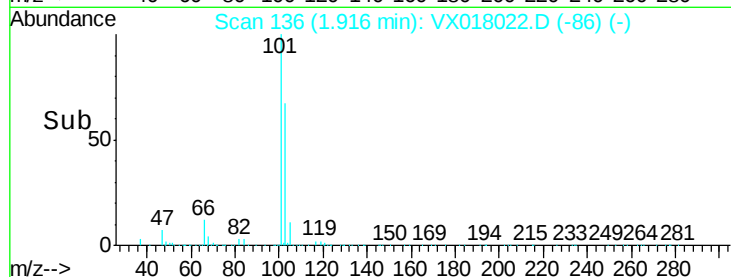
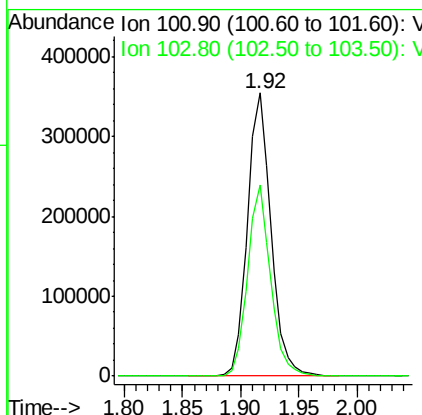
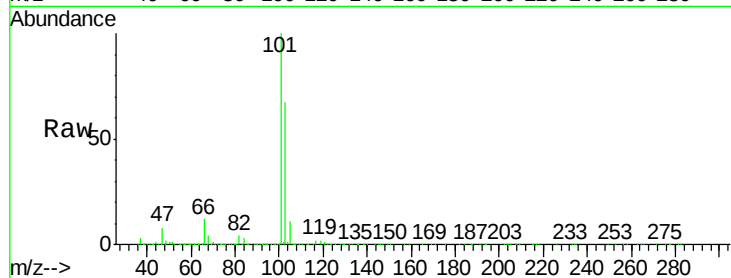
Trichlorofluoromethane
Concen: 46.912 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

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MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	51.2	76.8

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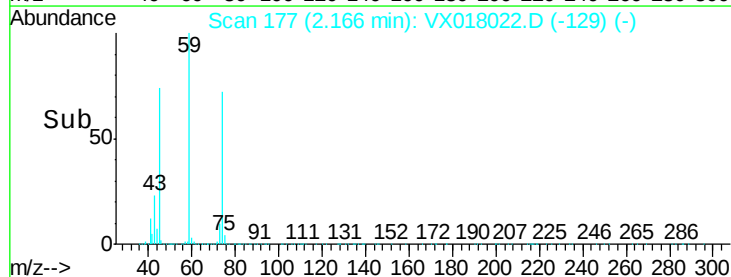
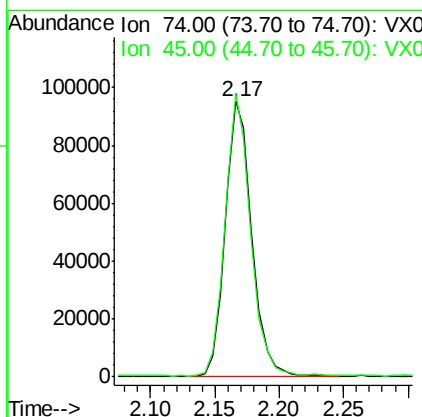
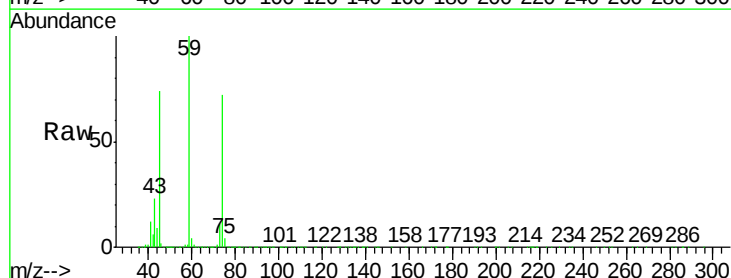
MMDadoda
8/21/2020 10:51:00 AM

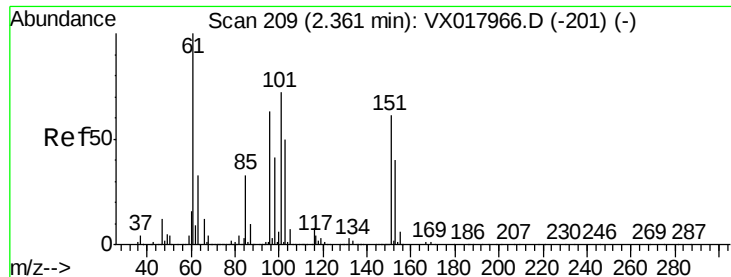


#8

Diethyl Ether
Concen: 43.952 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	50.5	151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.013 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

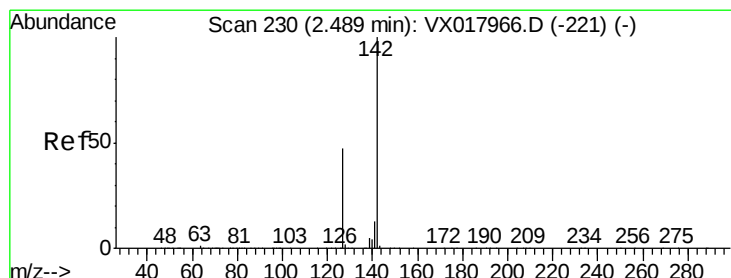
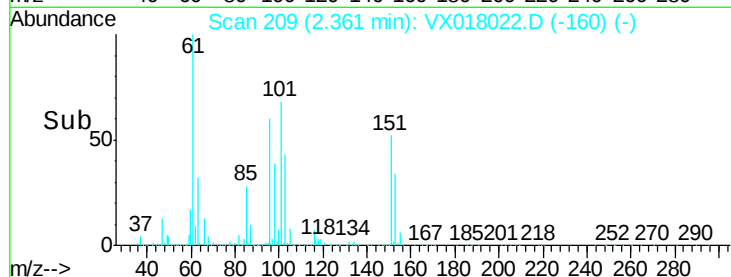
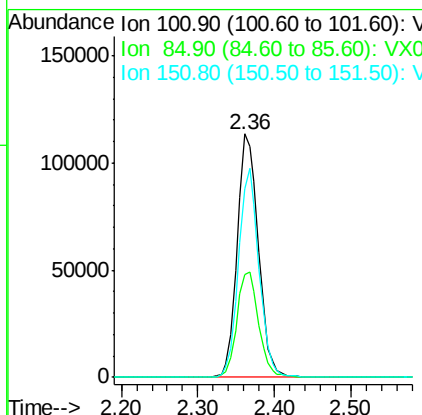
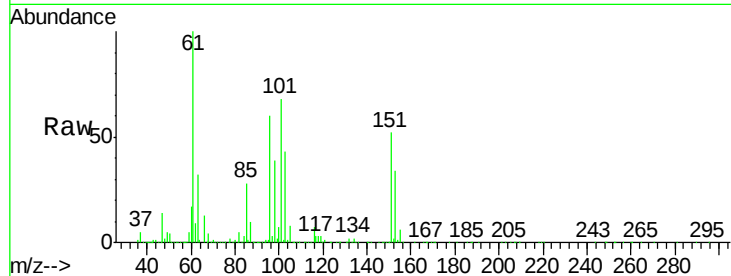
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	217193
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.4	53.2
151	82.9	65.4	98.0

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#10

Methyl Iodide

Concen: 38.239 ug/l

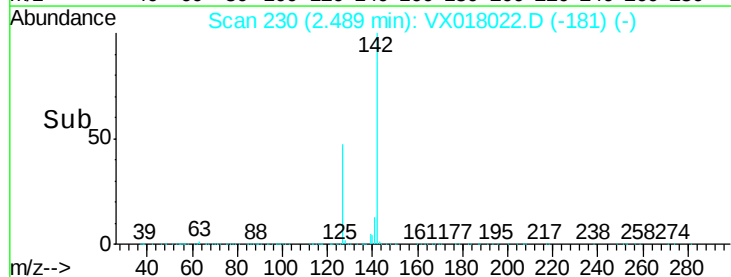
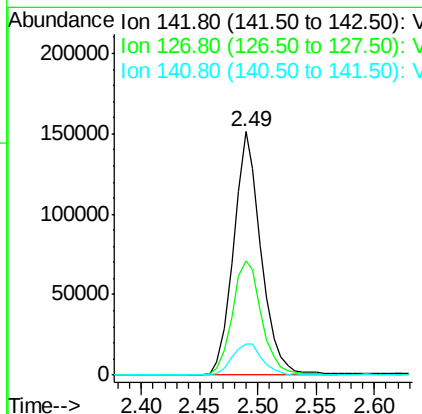
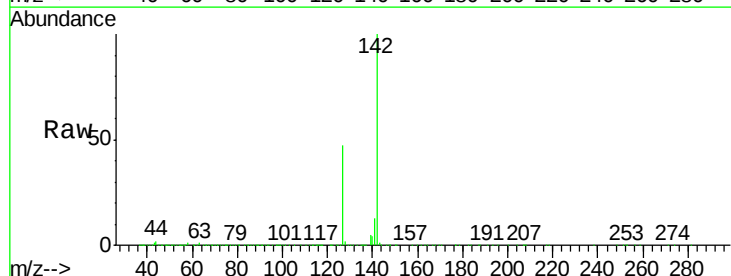
RT: 2.49 min Scan# 230

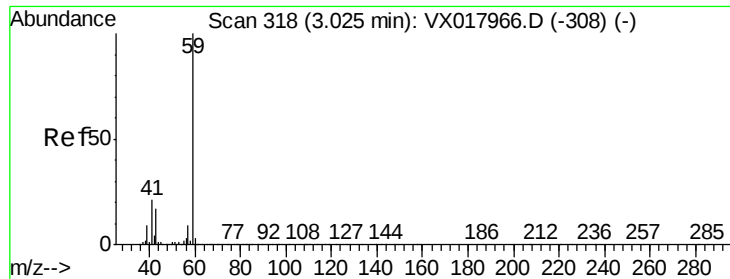
Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tgt Ion:	142	Resp:	248993
Ion Ratio	Lower	Upper	
142	100		
127	50.4	38.0	57.0
141	14.7	11.2	16.8





#11

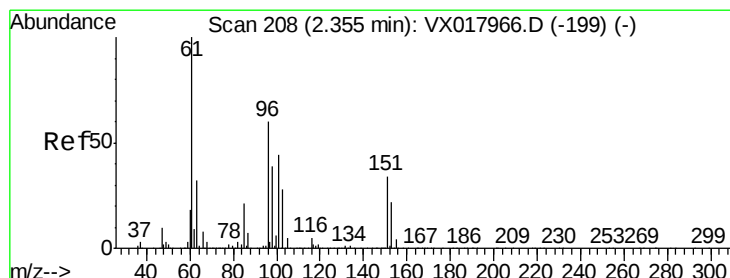
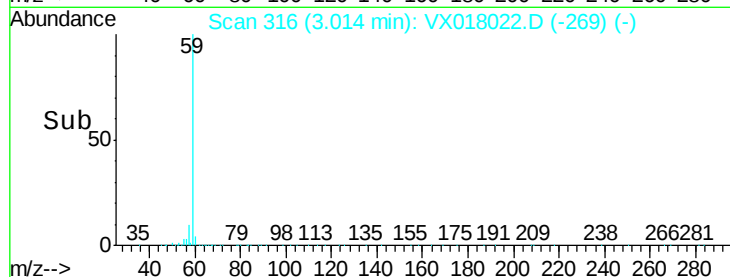
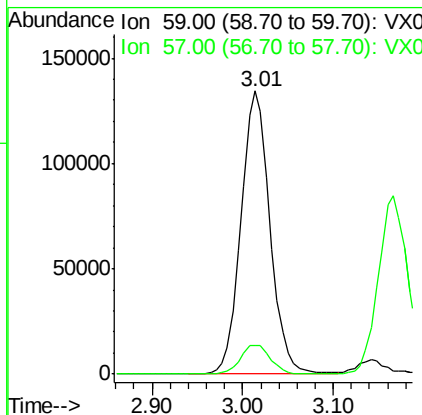
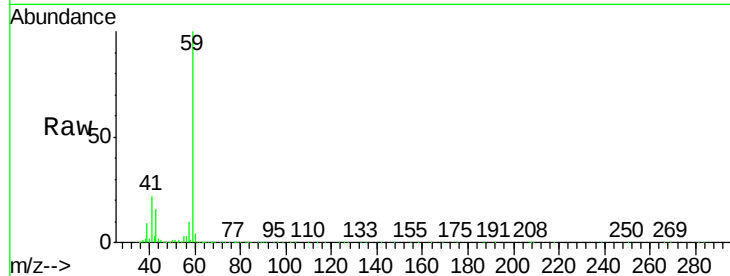
Tert butyl alcohol
 Concen: 205.081 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	13.0

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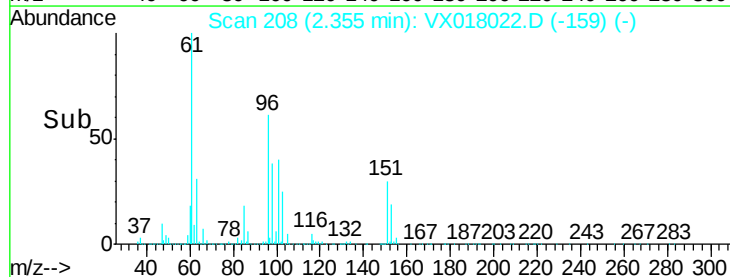
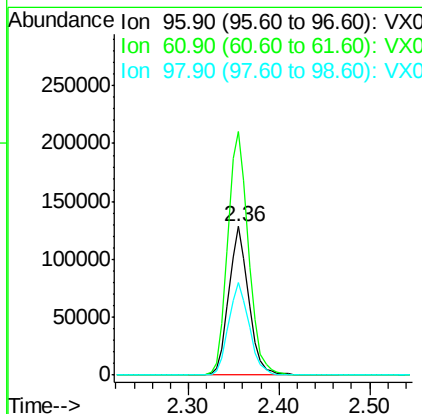
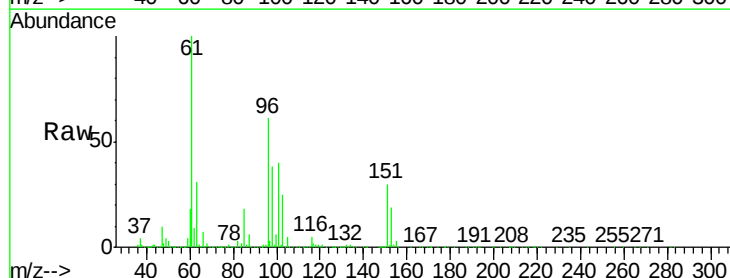
MMDadoda
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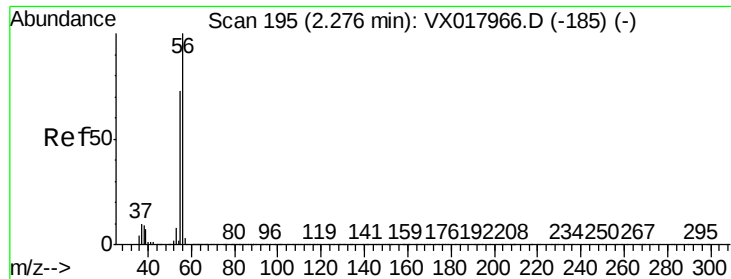


#12

1,1-Dichloroethene
 Concen: 42.138 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.6	132.9	199.3
98	62.4	51.6	77.4





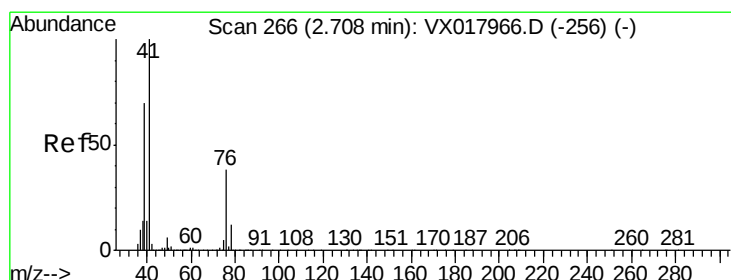
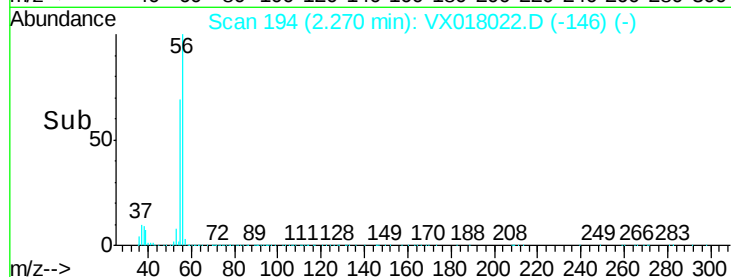
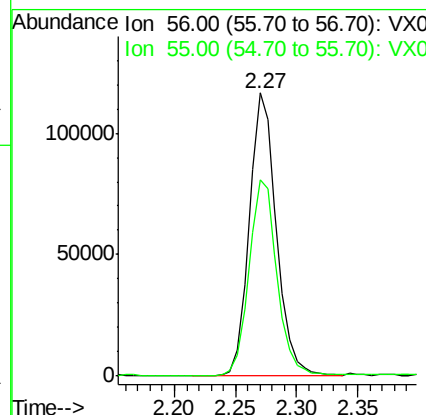
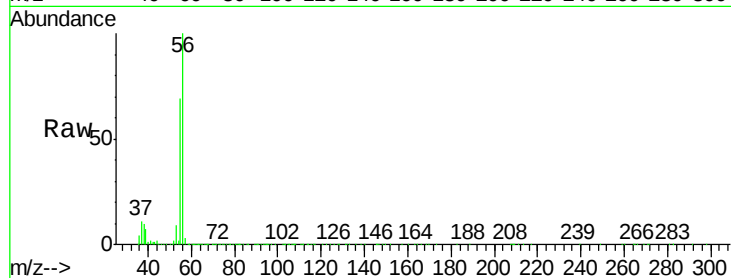
#13
Acrolein
Concen: 233.566 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

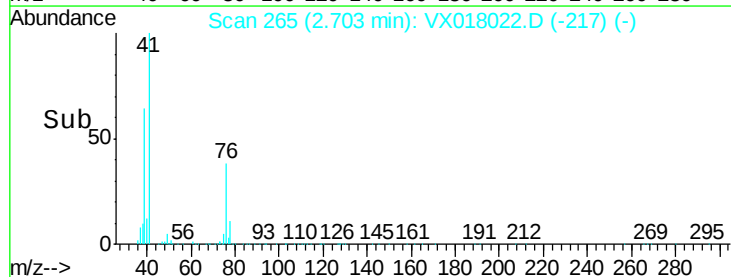
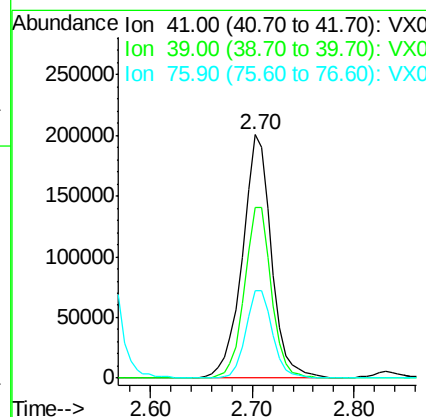
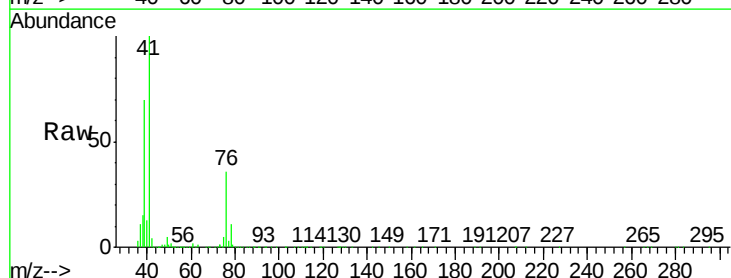
Manual Integrations
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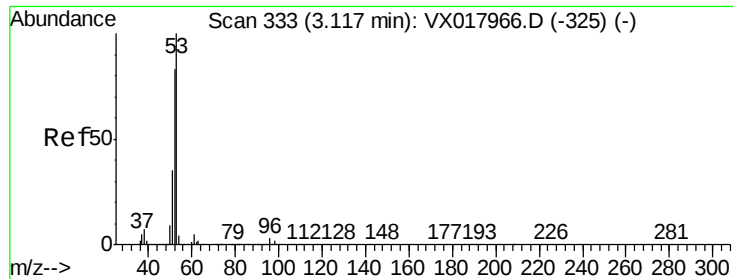
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#14
Allyl chloride
Concen: 47.873 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	64.9	51.7	77.5
76	76	32.9	26.3	39.5





#15

Acrylonitrile

Concen: 225.959 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

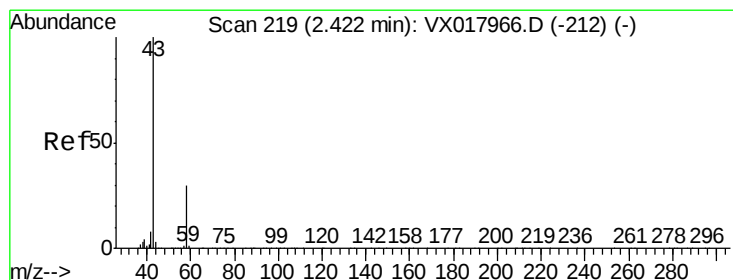
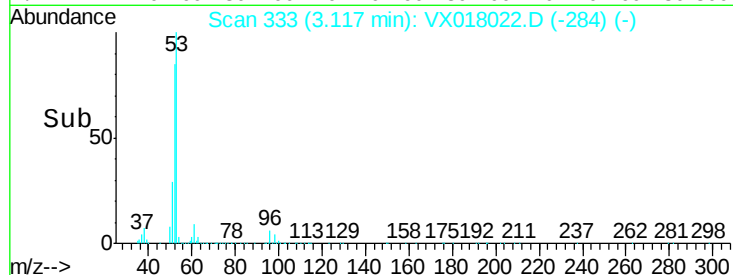
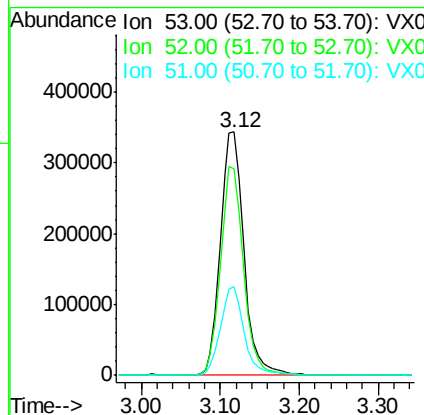
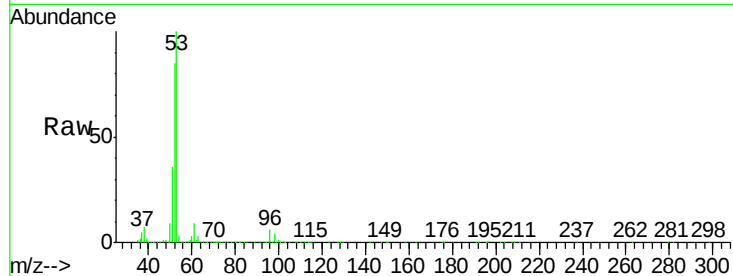
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	716072
Ion Ratio	Lower	Upper	
53	100		
52	83.8	67.1	100.7
51	36.6	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 297.931 ug/l

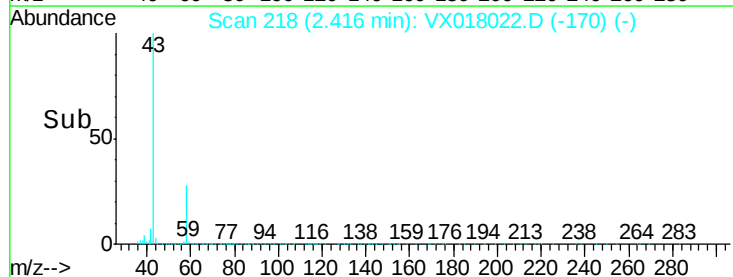
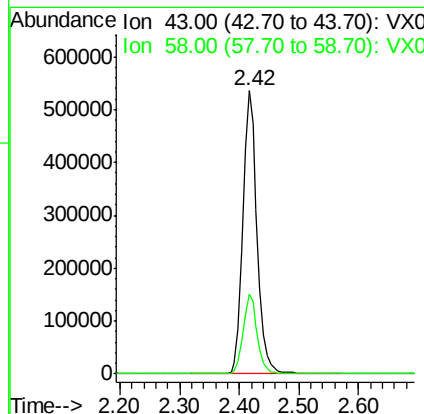
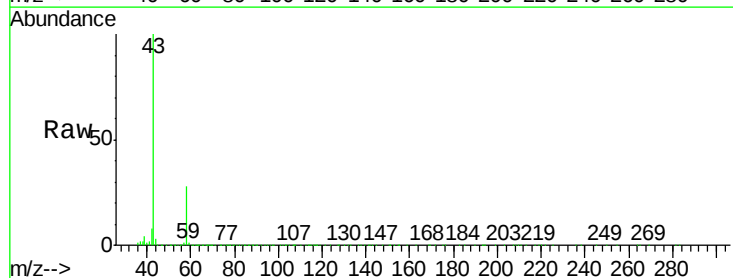
RT: 2.42 min Scan# 218

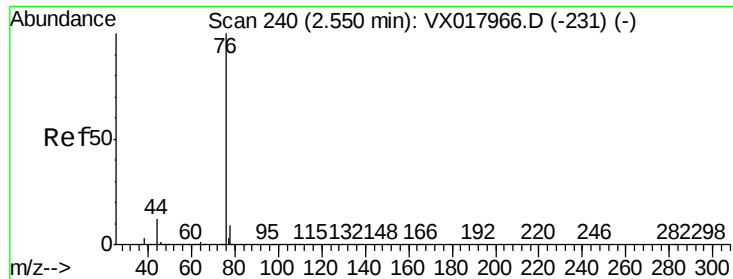
Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tgt Ion:	43	Resp:	880921
Ion Ratio	Lower	Upper	
43	100		
58	28.2	23.8	35.8





#17

Carbon Disulfide

Concen: 47.162 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 528796

Ion Ratio Lower Upper

76 100

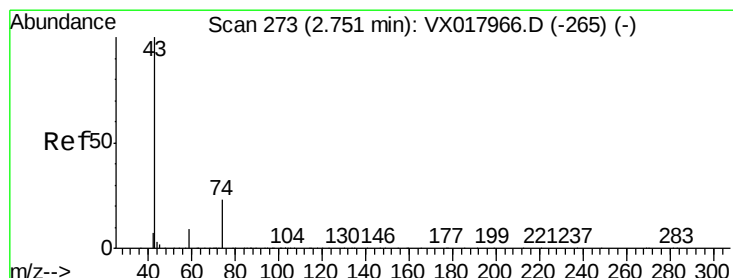
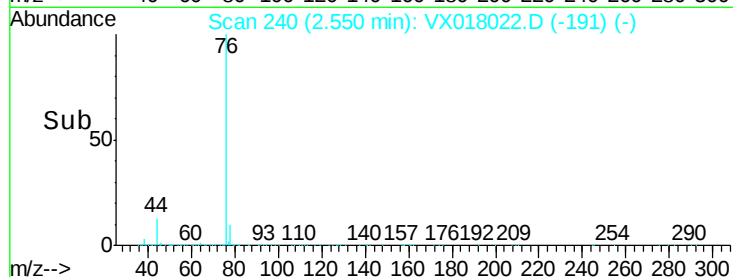
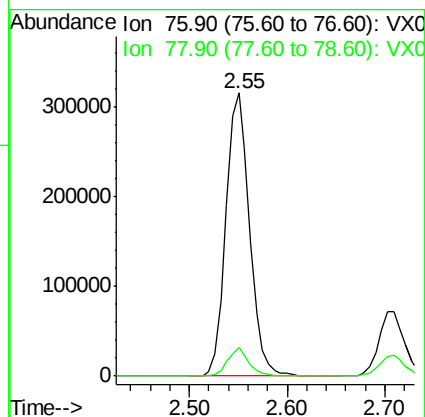
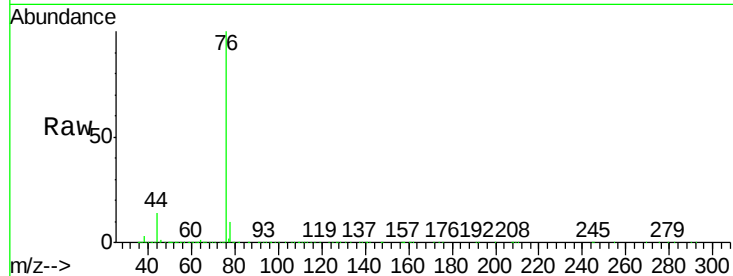
78 10.0 7.3 10.9

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#18

Methyl Acetate

Concen: 46.334 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018022.D

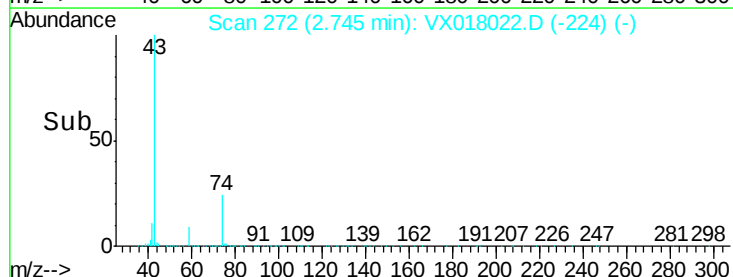
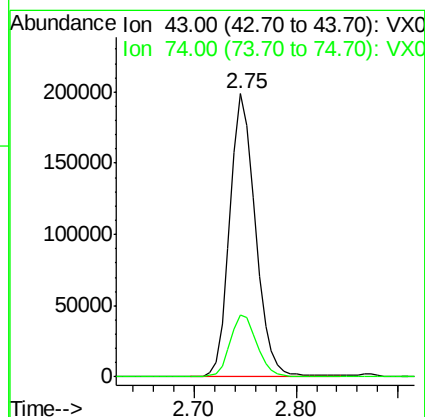
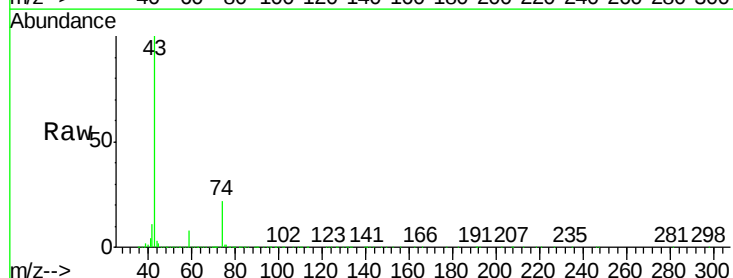
Acq: 20 Aug 2020 09:24

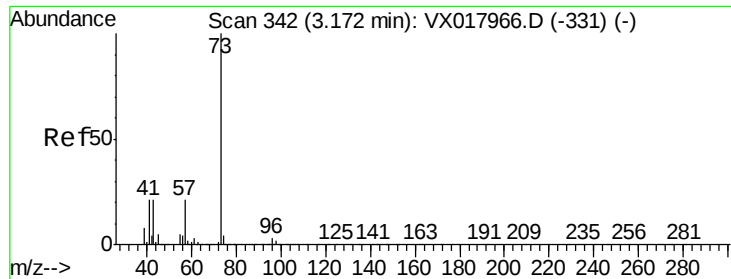
Tgt Ion: 43 Resp: 344736

Ion Ratio Lower Upper

43 100

74 23.3 19.7 29.5





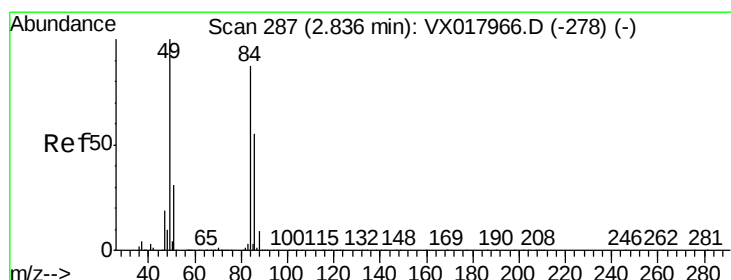
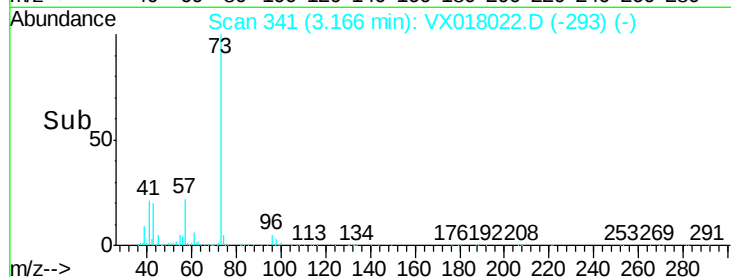
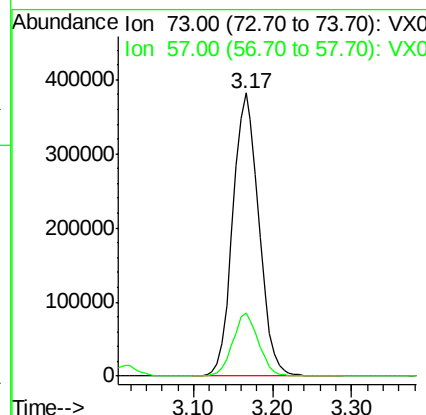
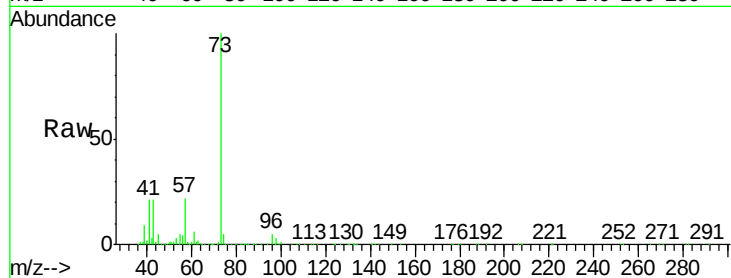
#19
Methvl tert-butvl Ether
Concen: 49.602 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.9	25.3

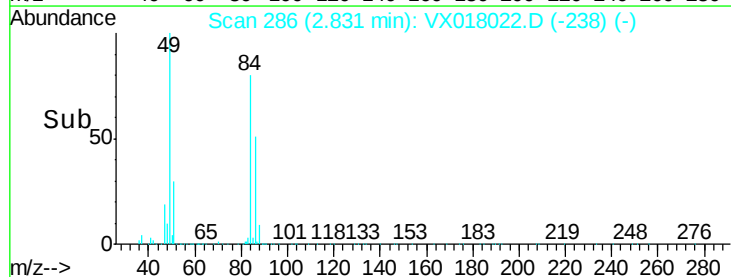
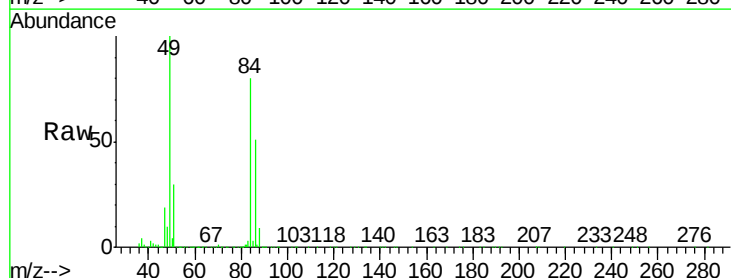
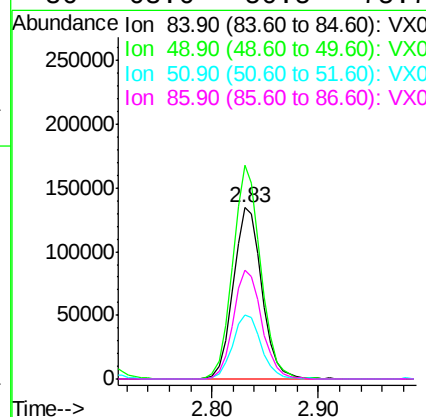
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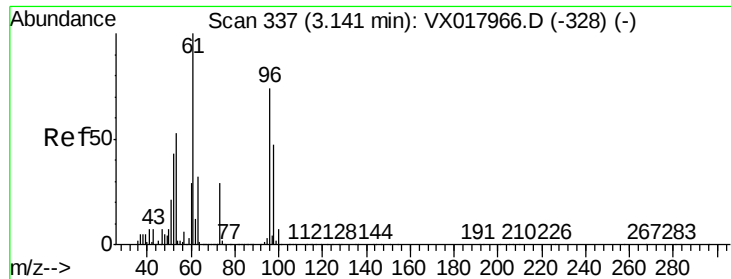
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#20
Methylene Chloride
Concen: 46.657 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.6	91.8	137.6
51	37.6	27.8	41.8
86	63.6	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 48.323 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 229572

Ion Ratio Lower Upper

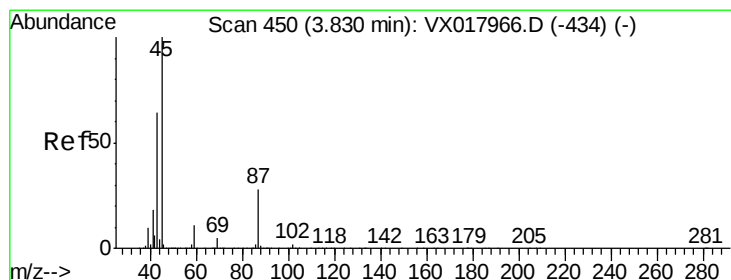
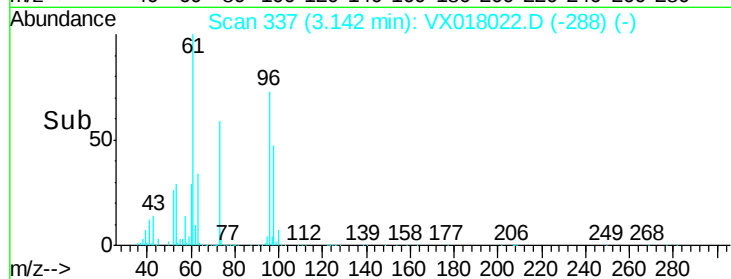
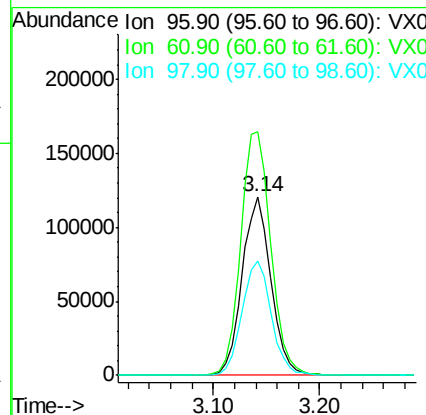
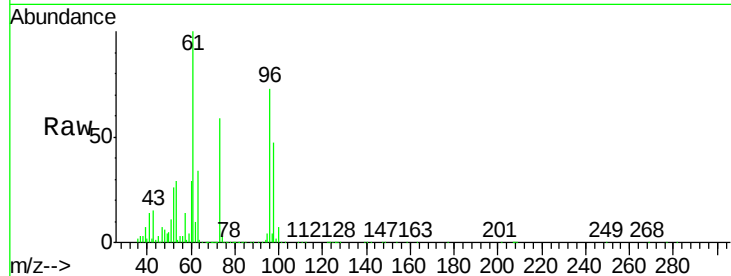
96 100

61 136.2 108.6 163.0

98 63.9 51.4 77.0

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#22

Diisopropyl ether

Concen: 50.666 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tgt Ion: 45 Resp: 875389

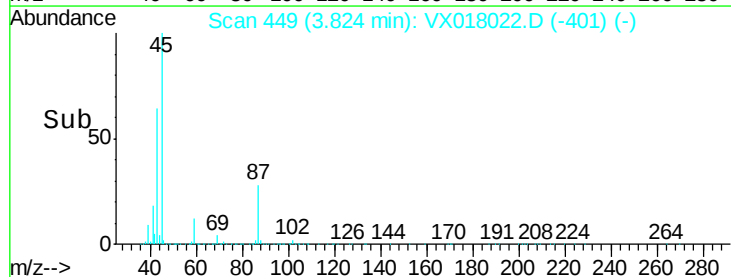
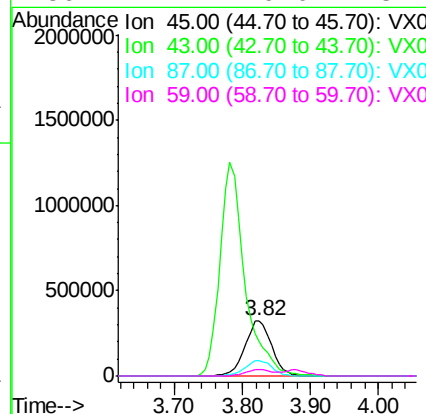
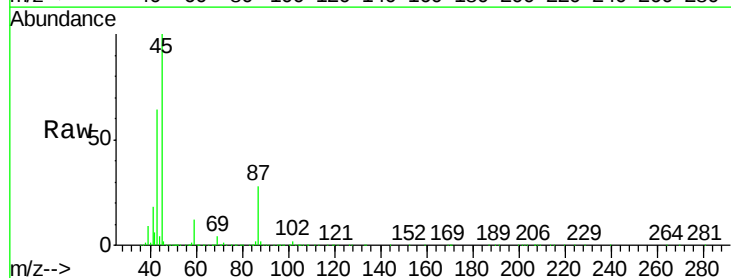
Ion Ratio Lower Upper

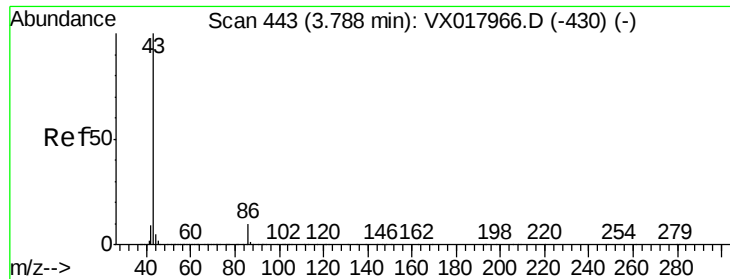
45 100

43 63.6 51.5 77.3

87 28.0 22.6 33.8

59 11.7 9.0 13.4





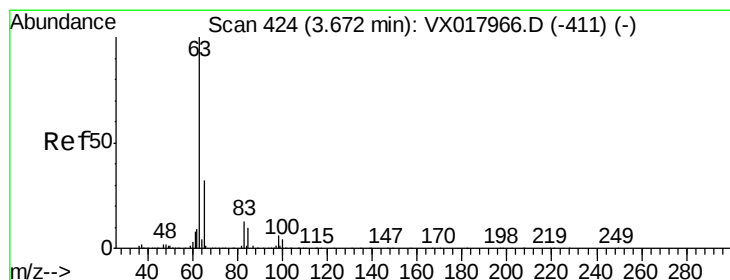
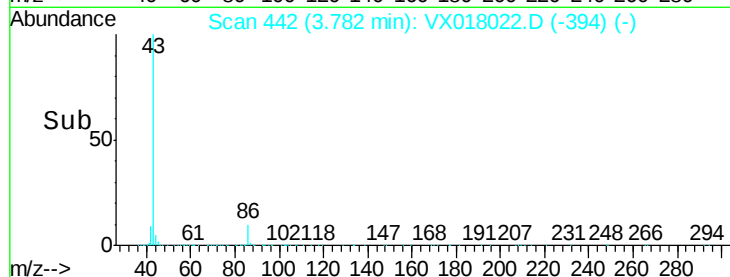
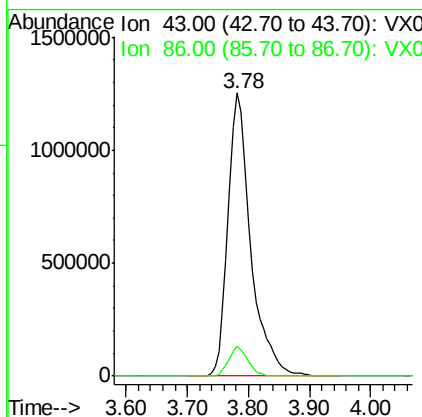
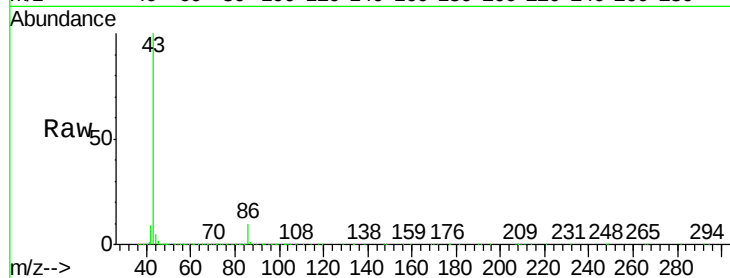
#23
 Vinyl Acetate
 Concen: 243.120 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 3210034
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1

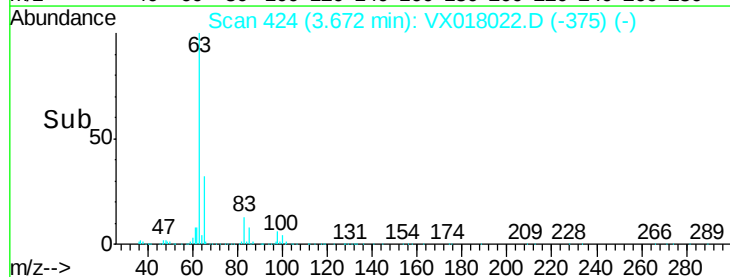
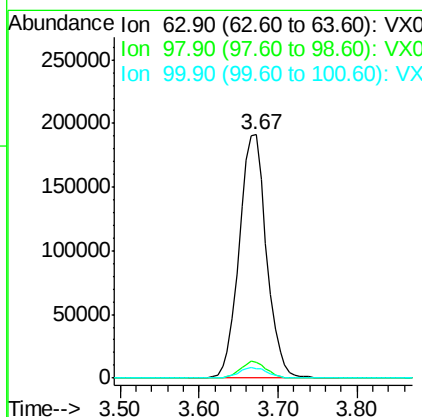
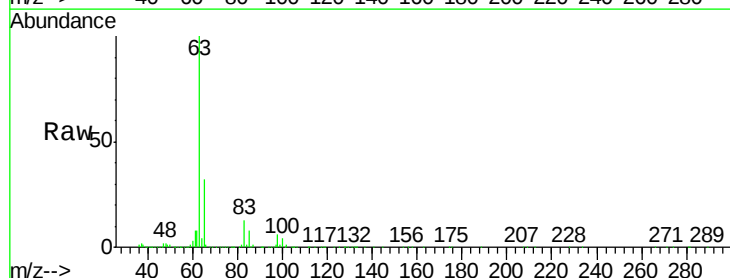
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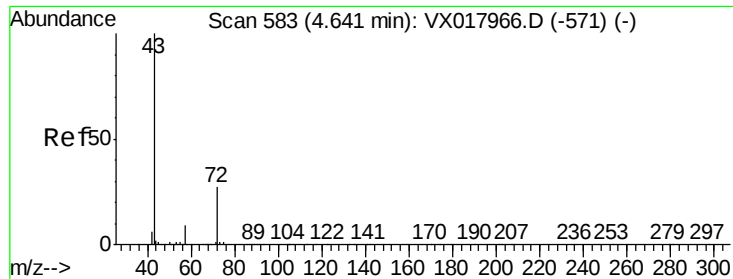
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#24
 1,1-Dichloroethane
 Concen: 48.143 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Tgt Ion: 63 Resp: 461115
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.0
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 249.013 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tot Ion: 43 Resp: 1114674

Ion Ratio Lower Upper

43 100

72 25.3 21.4 32.2

Instrument :

MSVOA_X

ClientSampleId :

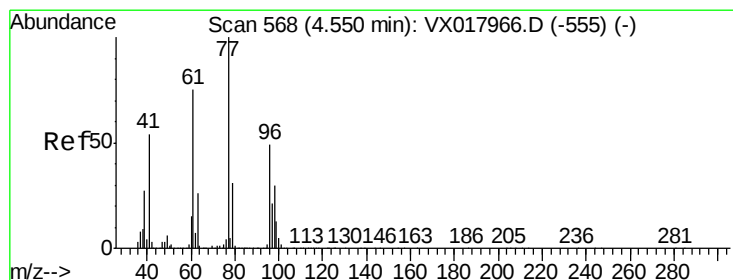
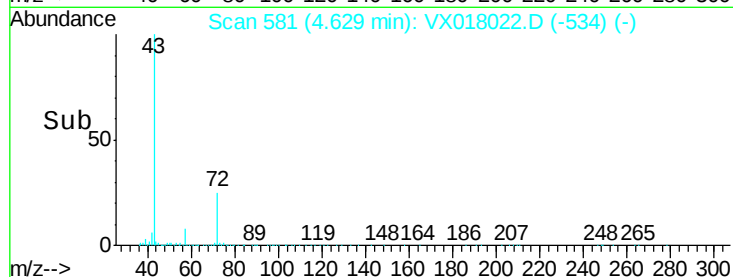
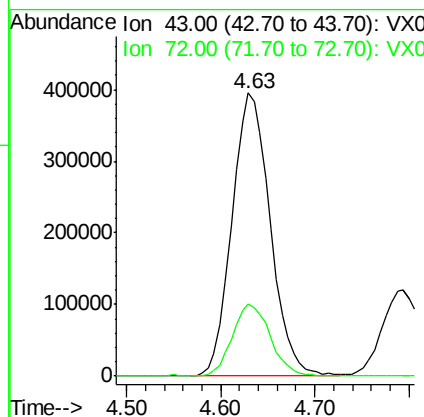
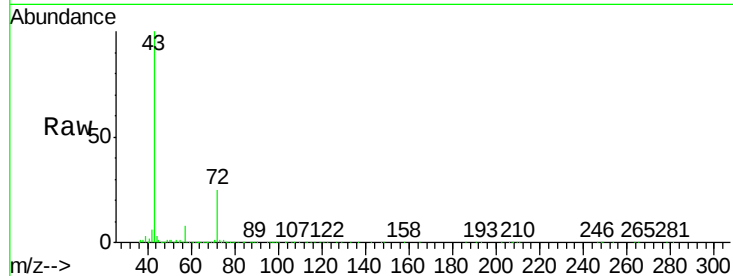
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.626 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018022.D

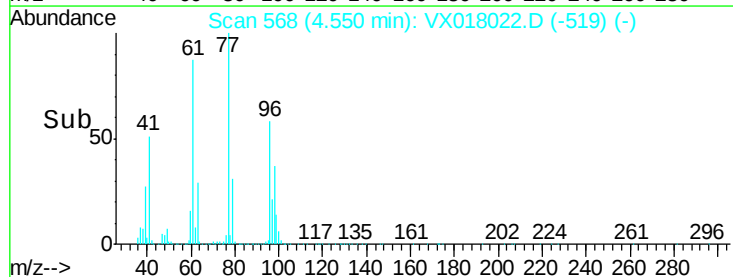
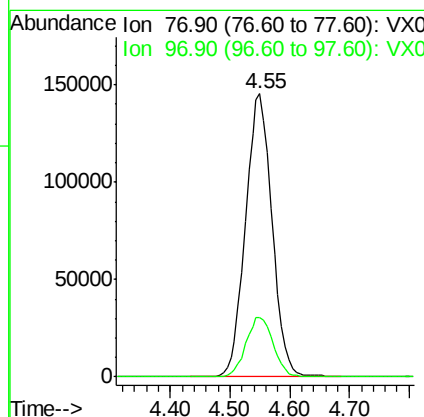
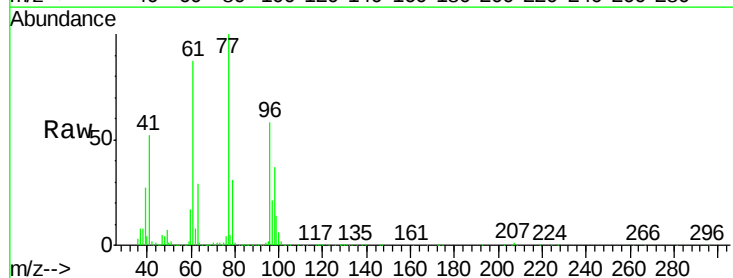
Acq: 20 Aug 2020 09:24

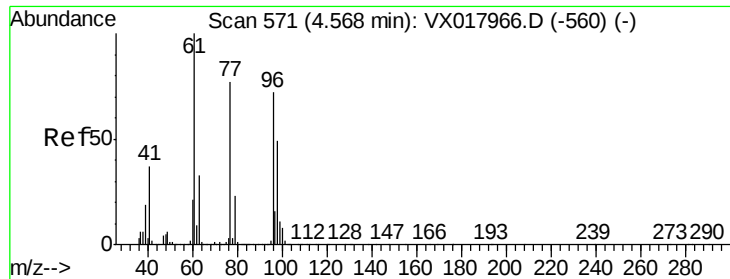
Tgt Ion: 77 Resp: 450274

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9





#27

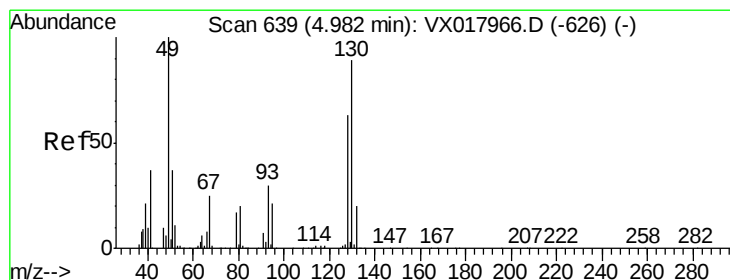
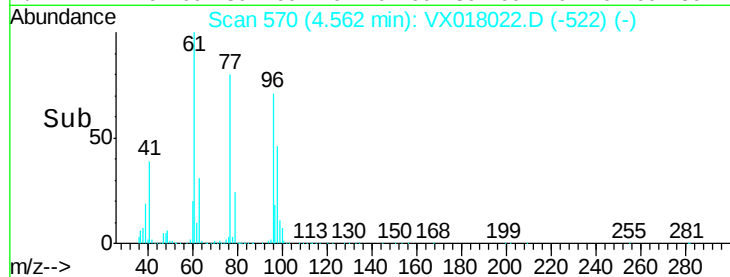
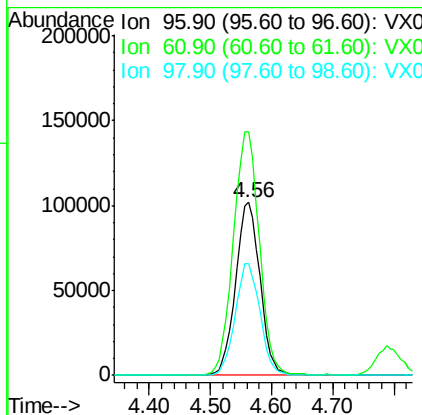
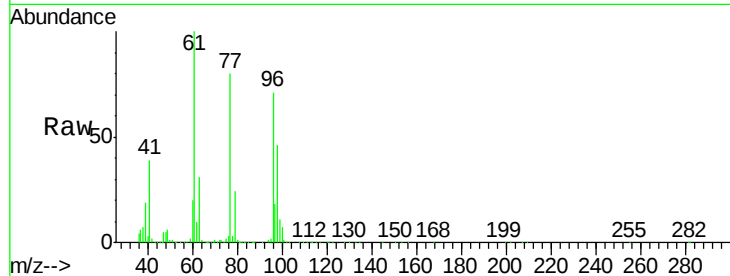
cis-1,2-Dichloroethene
Concen: 49.935 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	279847		
61	149.7	0.0	298.8	
98	65.0	0.0	130.2	

Manual Integrations
APPROVED

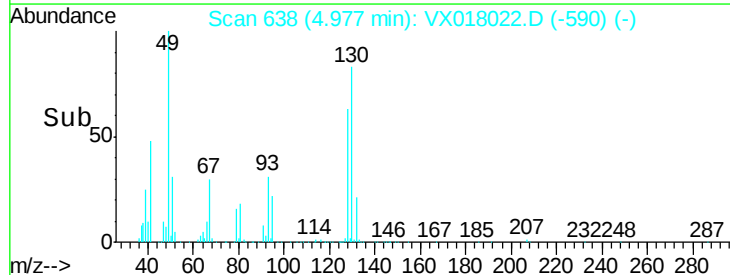
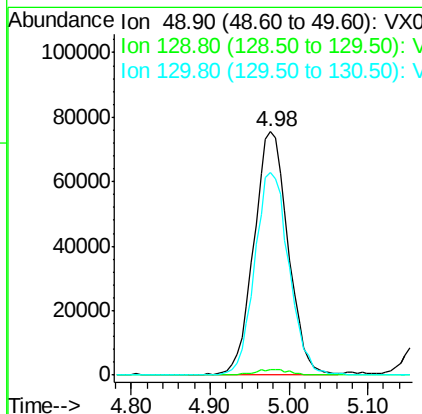
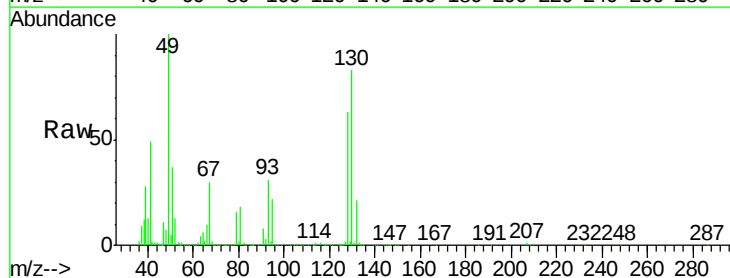
MMDadoda
8/21/2020 10:51:00 AM

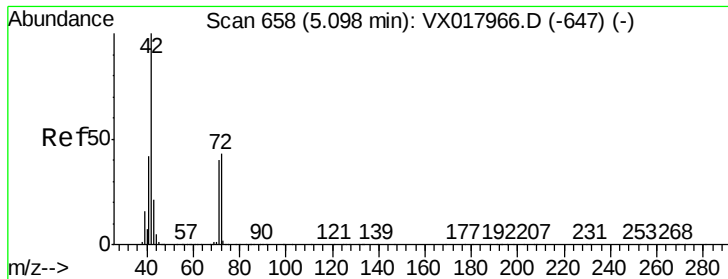


#28

Bromochloromethane
Concen: 46.020 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	227786		
129	2.3	0.0	3.6	
130	83.5	68.5	102.7	





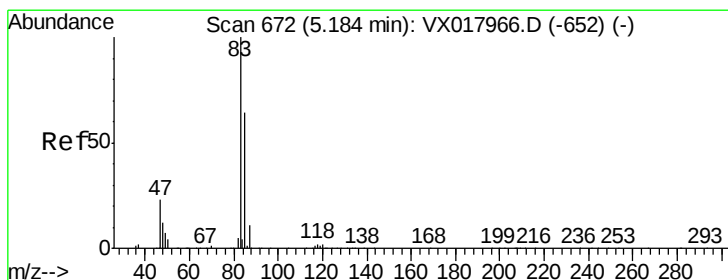
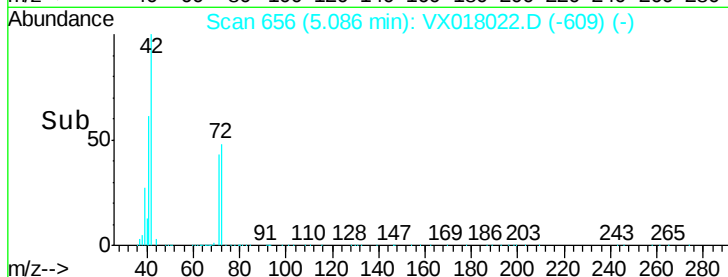
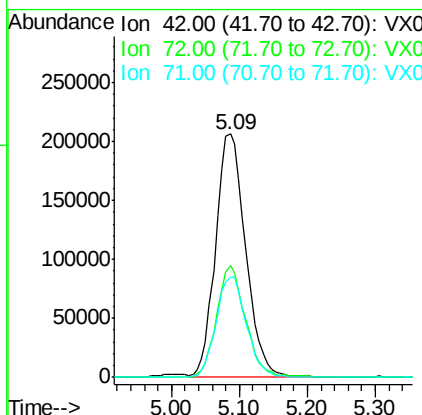
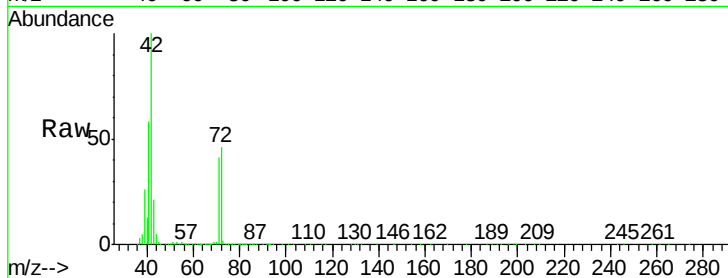
#29
Tetrahydrofuran
Concen: 226.204 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.9	53.9
71	41.8	33.0	49.4

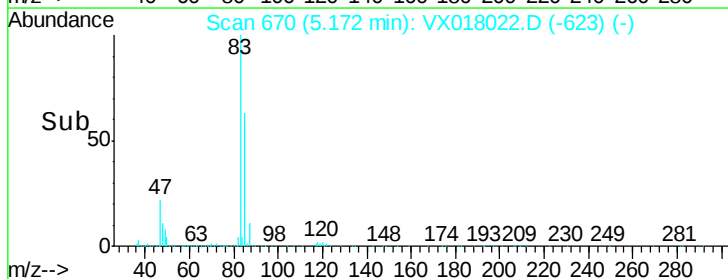
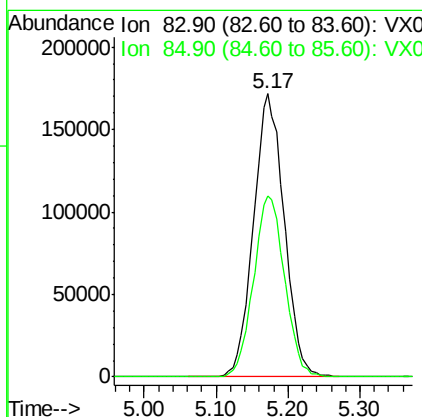
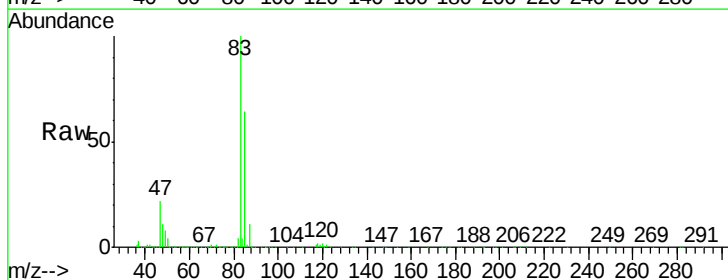
Manual Integrations
APPROVED

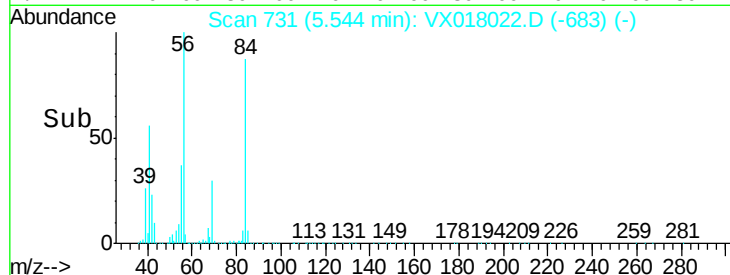
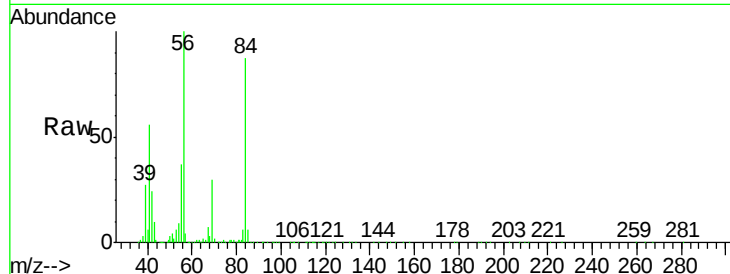
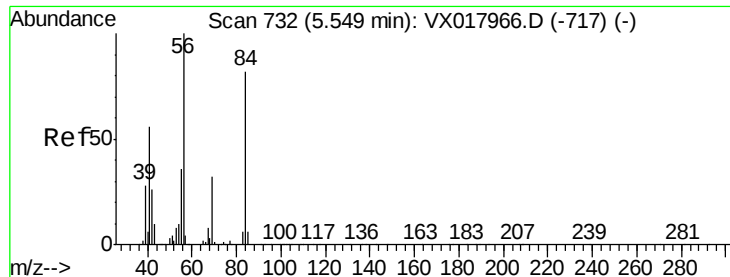
MMDadoda
8/21/2020 10:51:00 AM



#30
Chloroform
Concen: 48.482 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.3	76.9





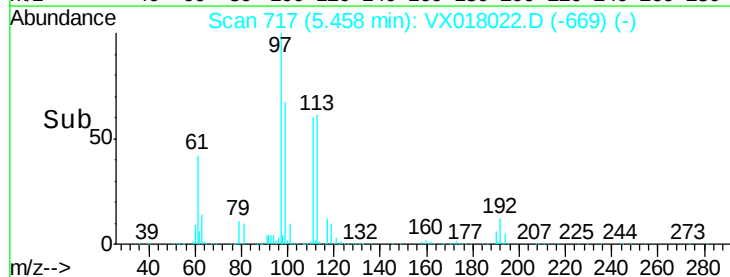
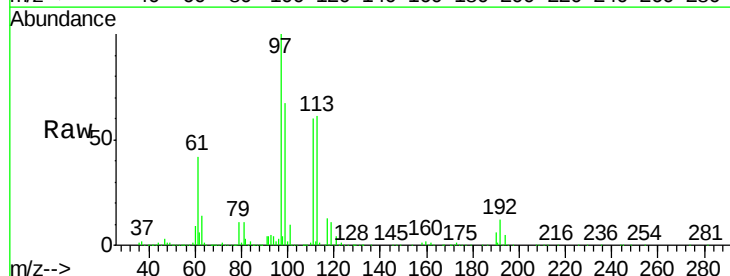
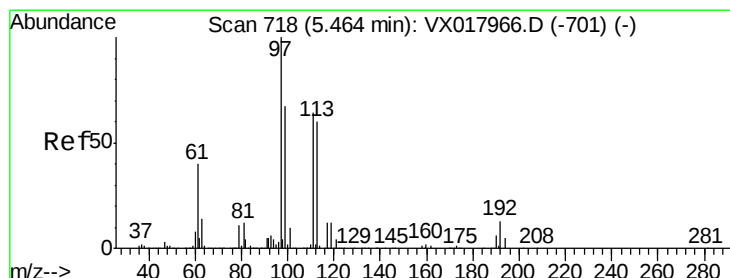
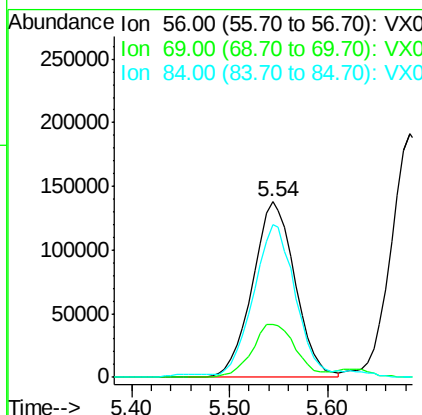
#31
Cyclohexane
Concen: 53.587 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.8	25.3	37.9	
84	85.4	65.3	97.9	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

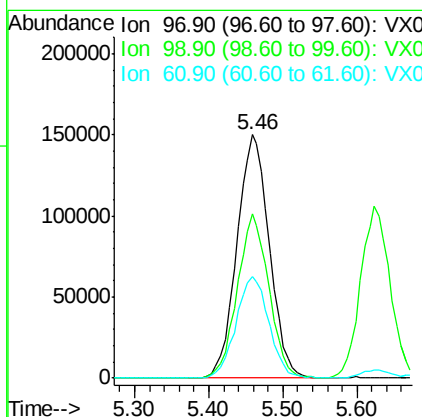
Manual Integrations
APPROVED

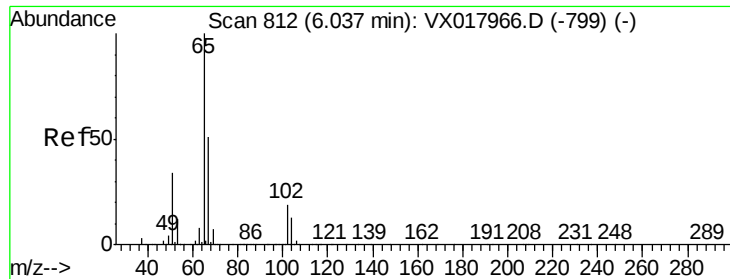
MMDadoda
8/21/2020 10:51:00 AM



#32
1,1,1-Trichloroethane
Concen: 48.109 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.7	51.4	77.0	
61	42.6	33.7	50.5	





#33

1,2-Dichloroethane-d4

Concen: 43.878 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 329780

Ion Ratio Lower Upper

65 100

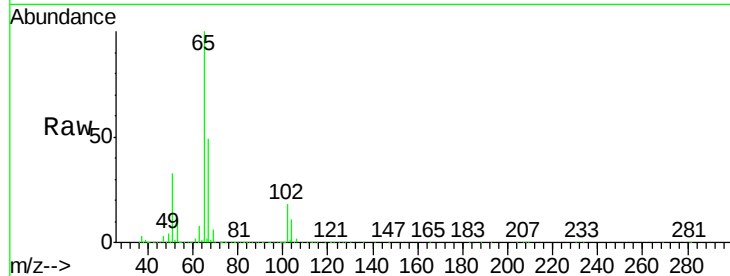
67 51.7 0.0 103.0

Manual Integrations

APPROVED

MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

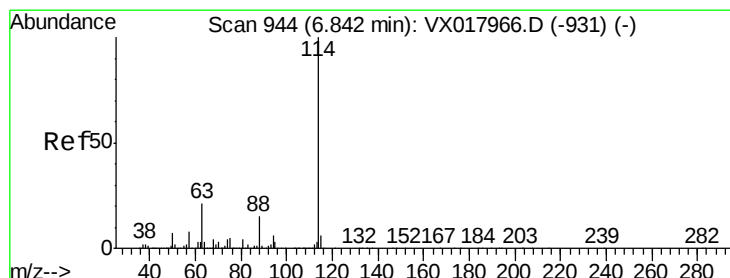
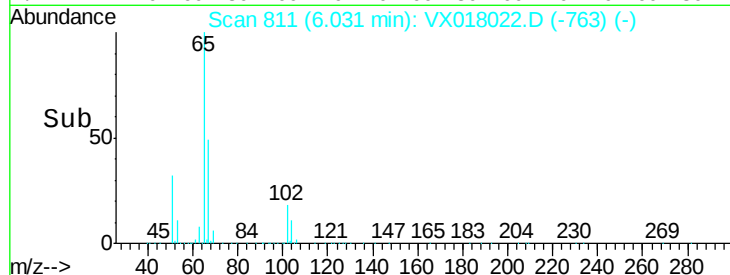
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.02 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

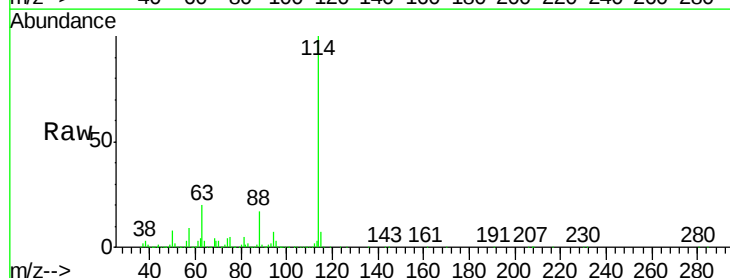
Tgt Ion: 114 Resp: 735928

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 17.3 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.82

400000

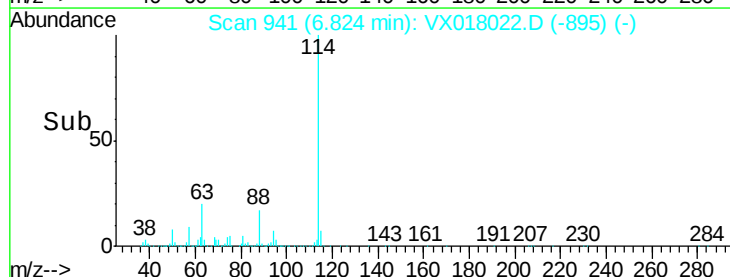
300000

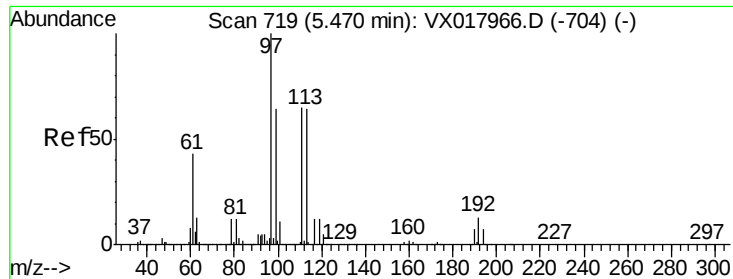
200000

100000

0

Time-->





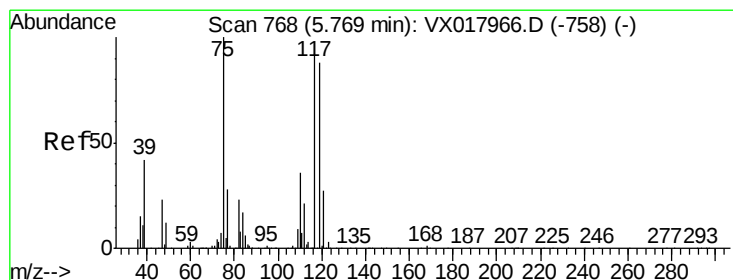
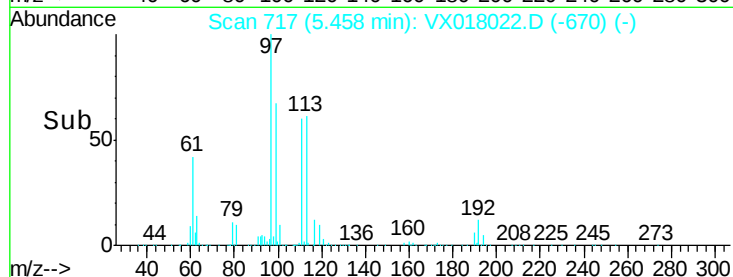
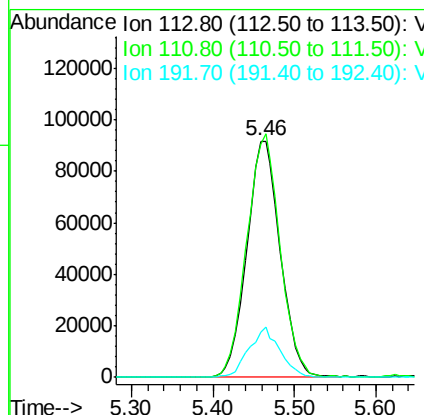
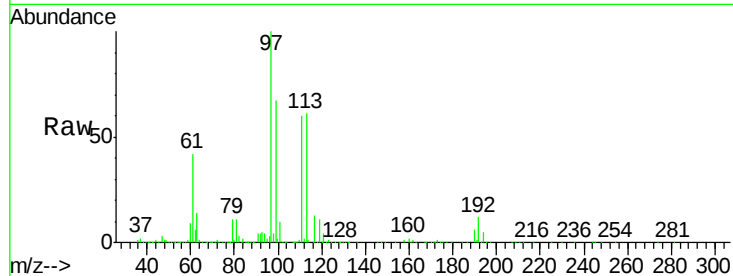
#35
 Dibromofluoromethane
 Concen: 47.720 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	261522		
111	102.9	83.5	125.3	
192	19.9	16.2	24.4	

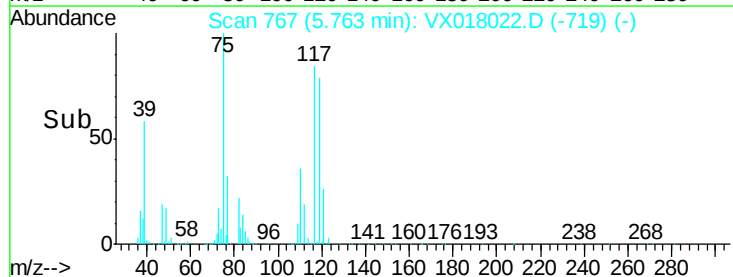
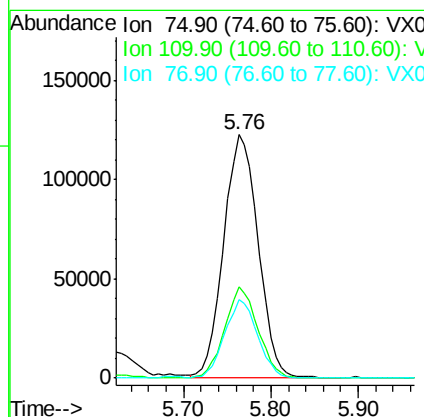
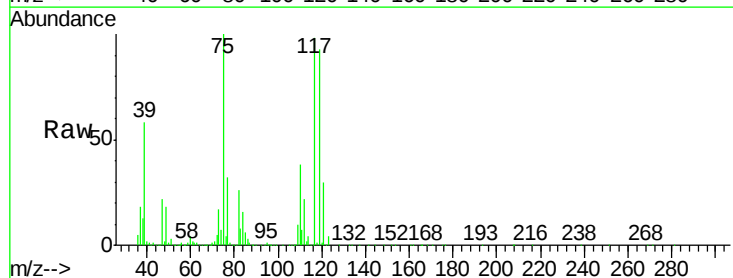
Manual Integrations
 APPROVED

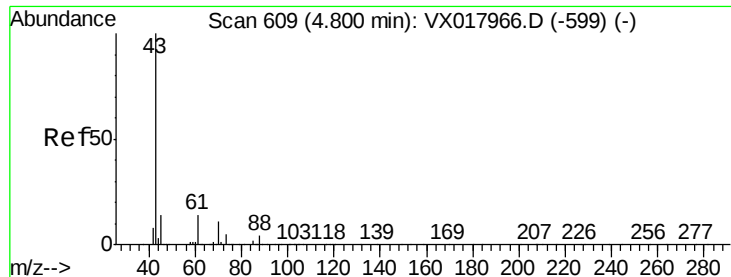
MMDadoda
 8/21/2020 10:51:00 AM



#36
 1,1-Dichloropropene
 Concen: 54.487 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	335625		
110	36.3	18.7	56.1	
77	30.6	24.4	36.6	





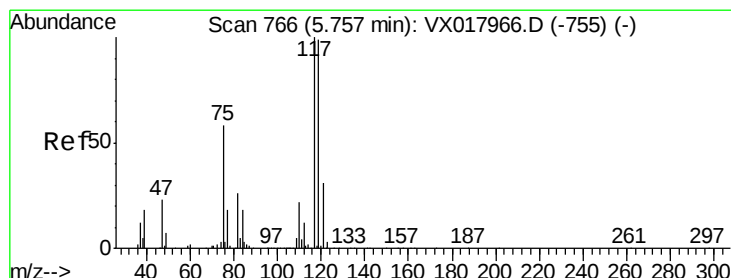
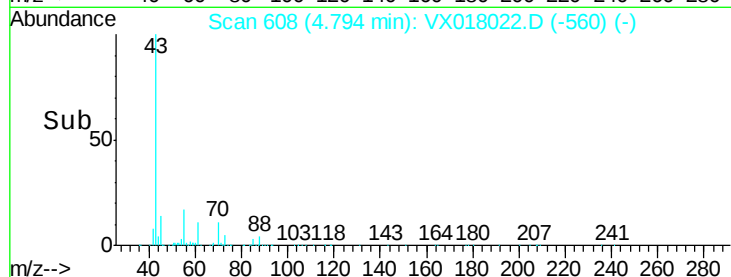
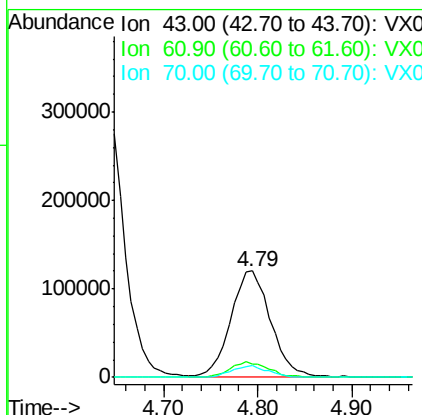
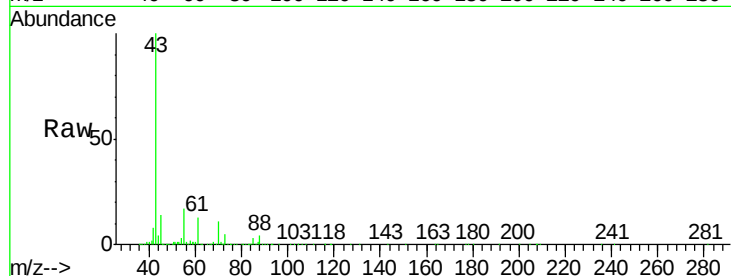
#37
Ethyl Acetate
Concen: 47.411 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.4	8.5	12.7

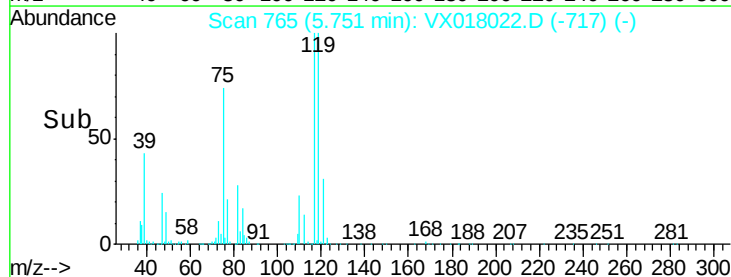
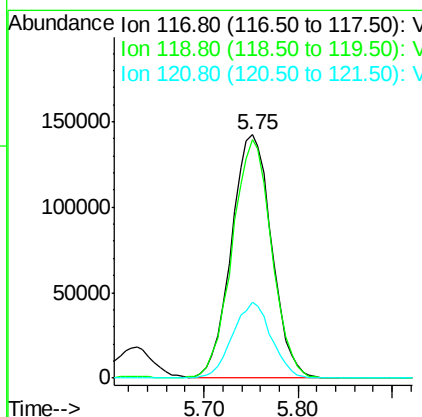
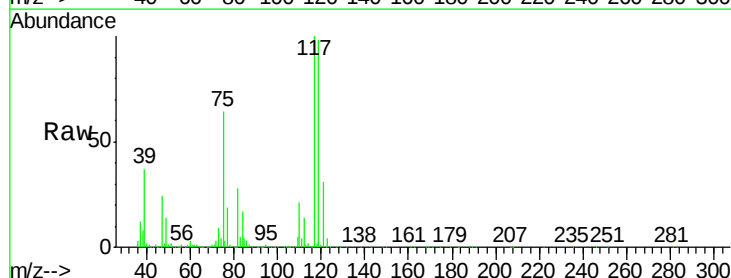
Manual Integrations
APPROVED

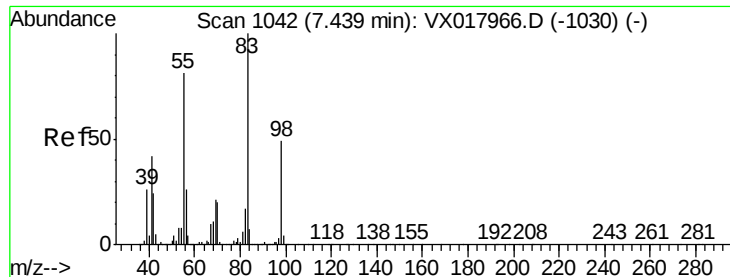
MMDadoda
8/21/2020 10:51:00 AM



#38
Carbon Tetrachloride
Concen: 53.022 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	79.0	118.6
121	31.1	24.7	37.1





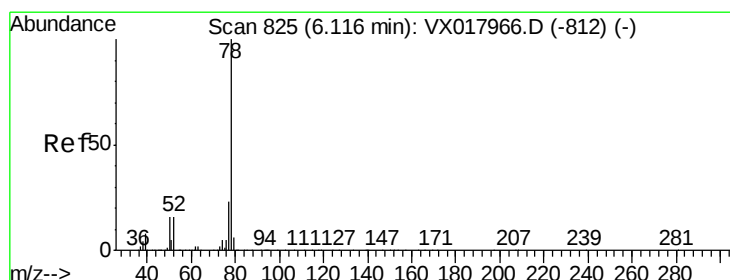
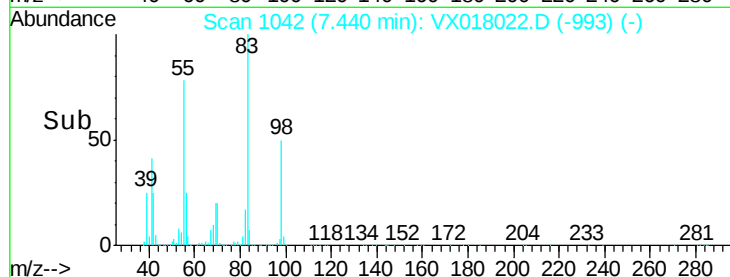
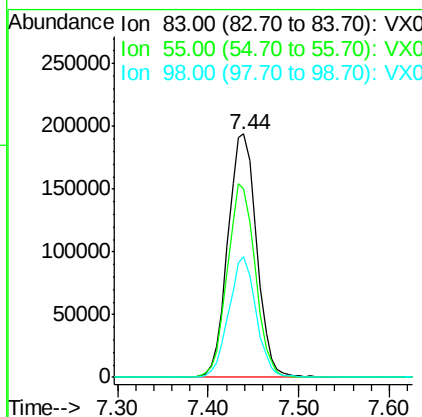
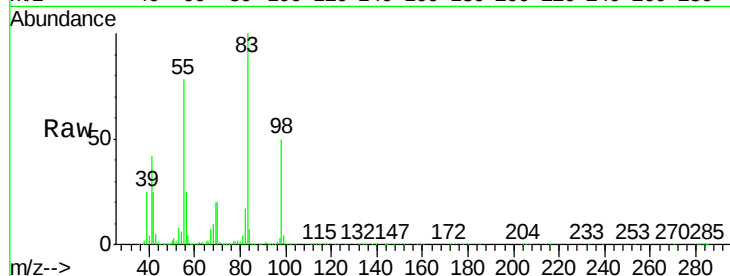
#39
Methylvlcyclohexane
Concen: 54.109 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	64.5	96.7
98	49.8	39.0	58.6

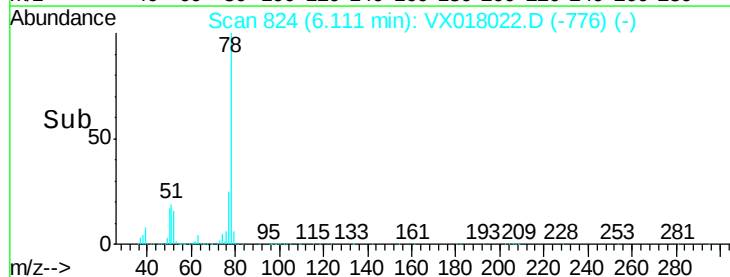
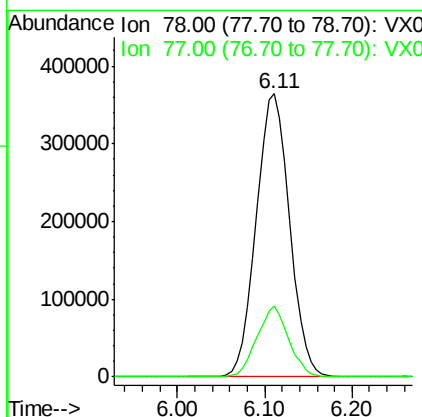
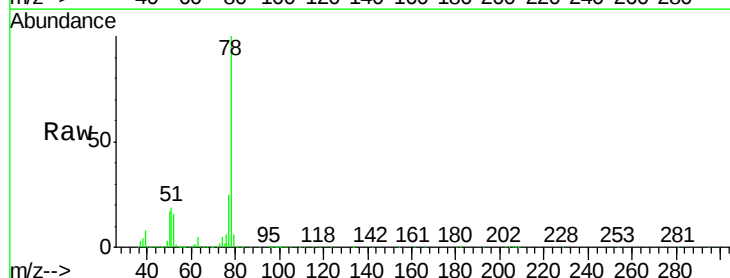
Manual Integrations
APPROVED

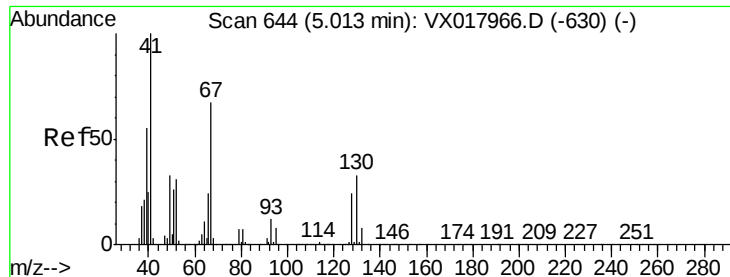
MMDadoda
8/21/2020 10:51:00 AM



#40
Benzene
Concen: 52.317 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.8	28.2





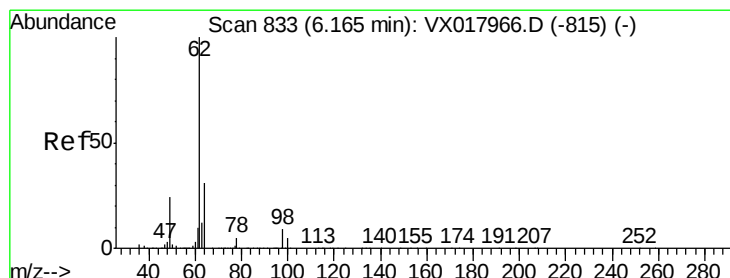
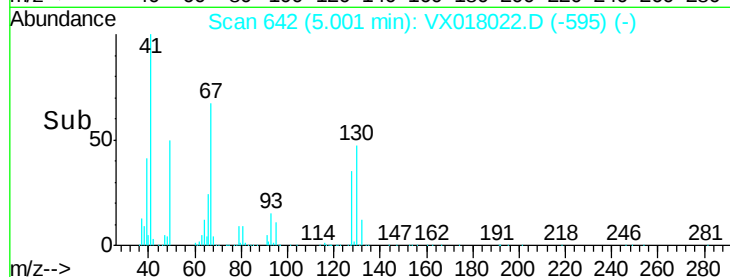
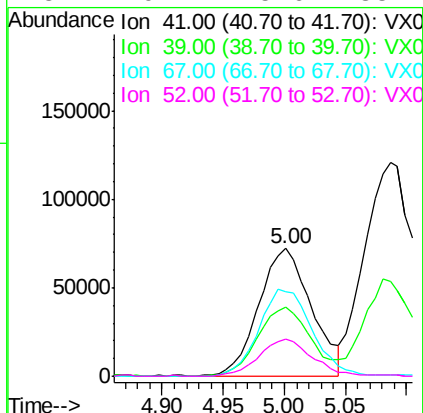
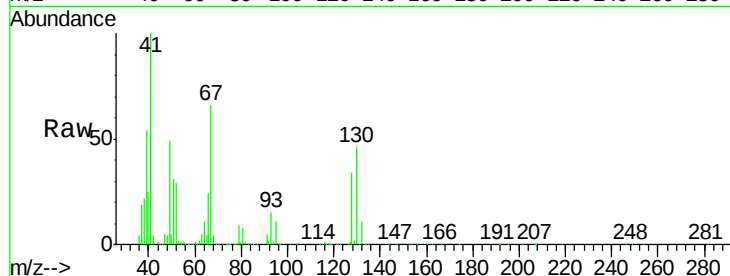
#41
Methacrylonitrile
Concen: 50.975 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		215329		
39	54.7	44.8	67.2		
67	69.6	57.5	86.3		
52	29.4	25.6	38.4		

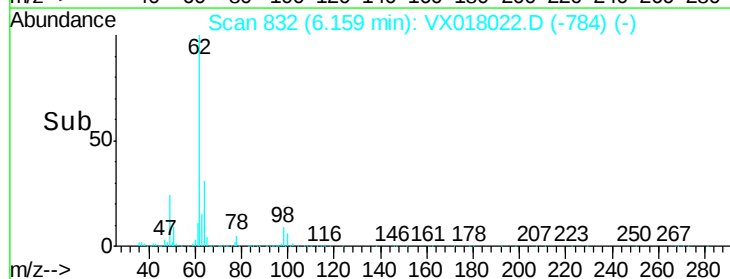
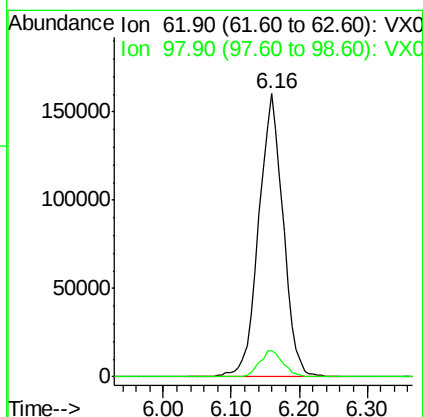
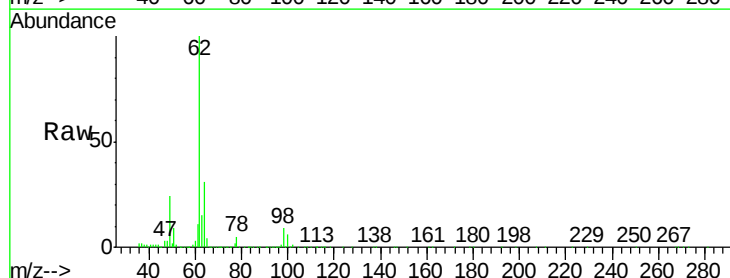
Manual Integrations
APPROVED

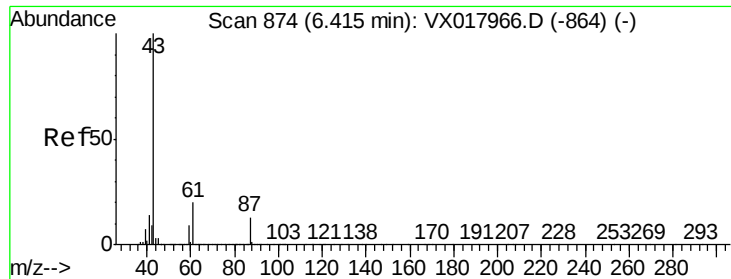
MMDadoda
8/21/2020 10:51:00 AM



#42
1,2-Dichloroethane
Concen: 51.370 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		404826		
98	9.0	0.0	17.2		





#43

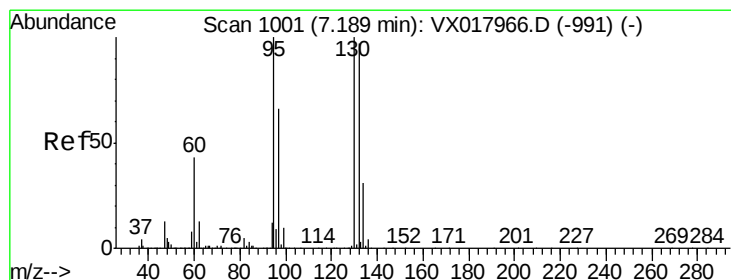
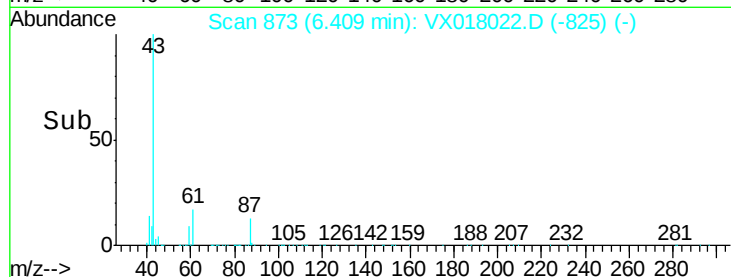
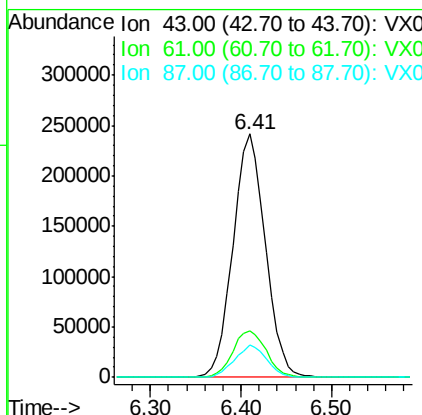
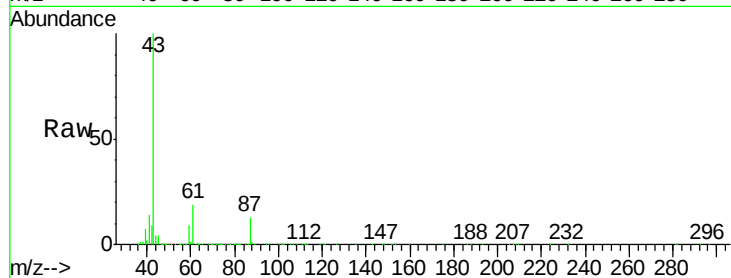
Isopropyl Acetate
 Concen: 49.890 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.4
87	13.4	10.8	16.2

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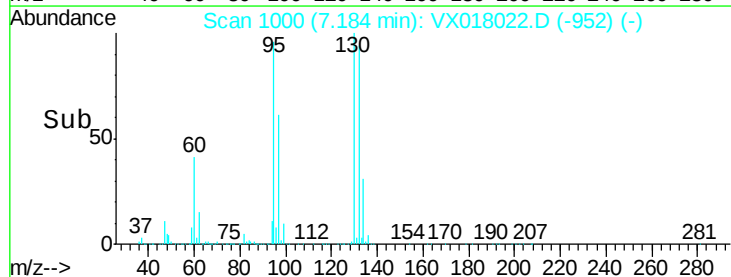
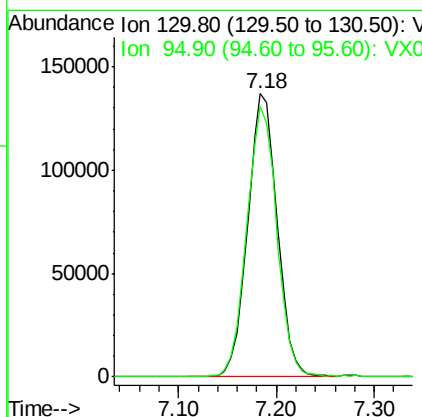
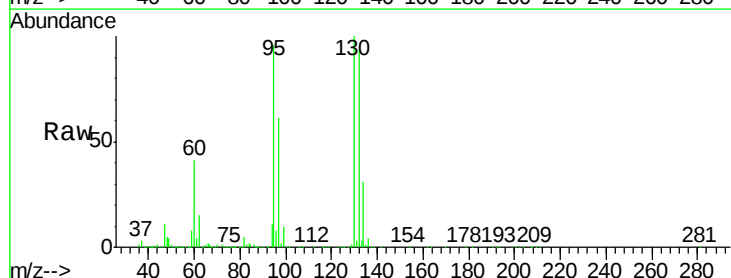
MMDadoda
 8/21/2020 10:51:00 AM

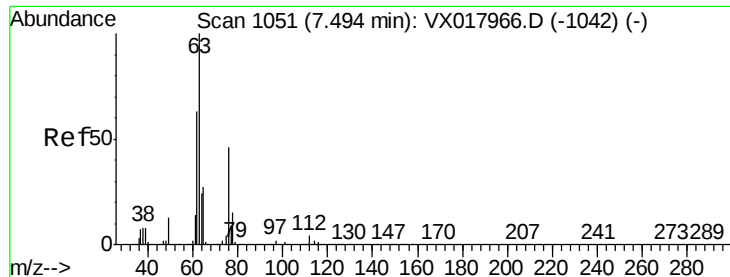


#44

Trichloroethene
 Concen: 52.381 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	200.6





#45

1,2-Dichloropropane

Concen: 52.130 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 277105

Ion Ratio Lower Upper

63 100

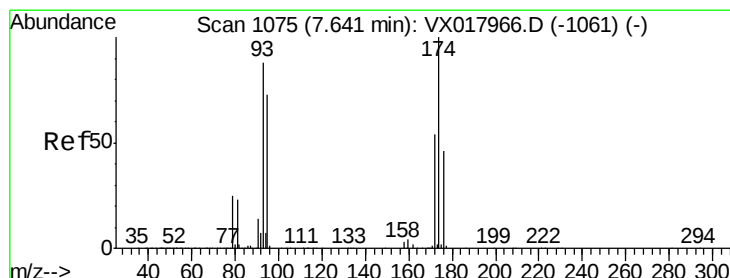
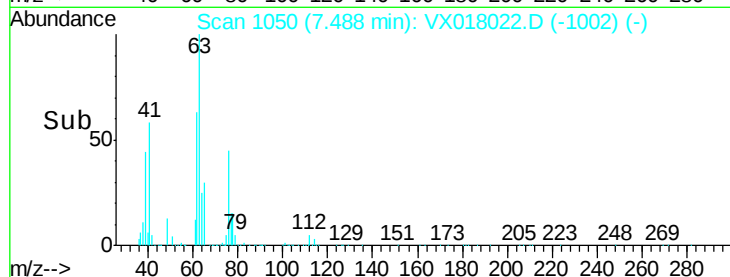
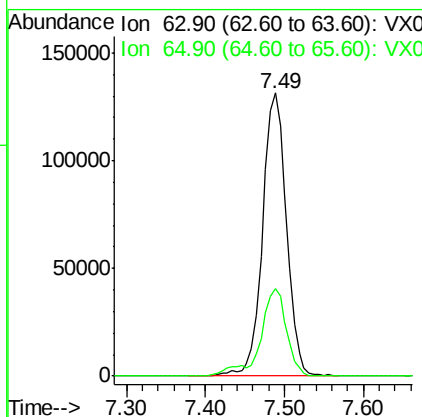
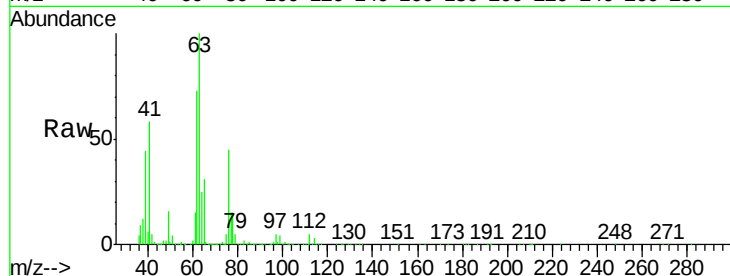
65 31.1 23.8 35.8

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#46

Dibromomethane

Concen: 51.812 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

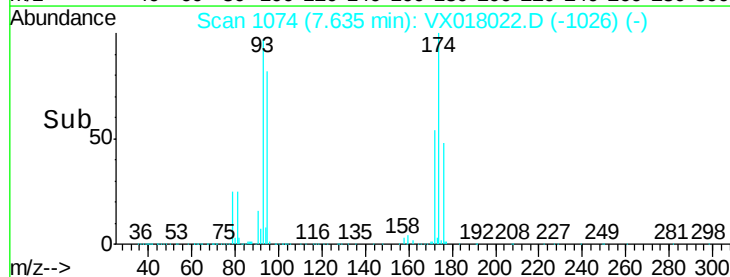
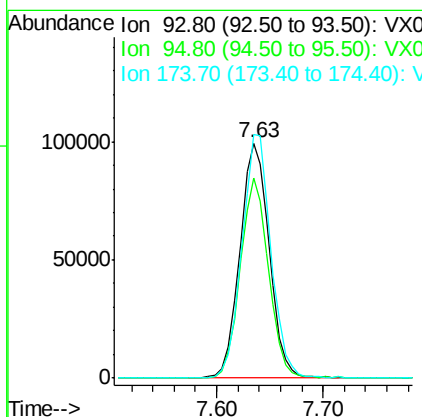
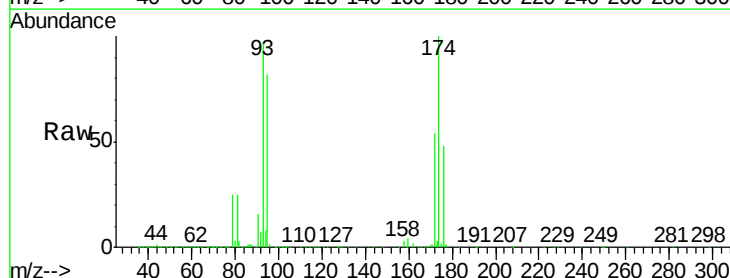
Tgt Ion: 93 Resp: 192218

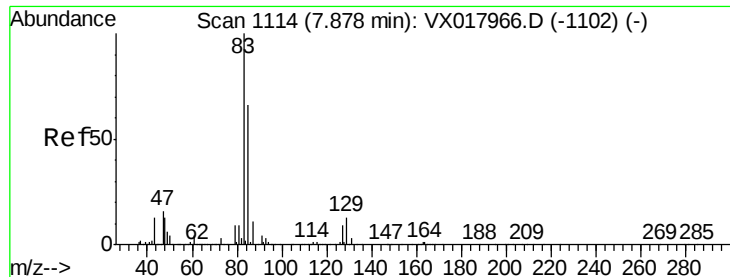
Ion Ratio Lower Upper

93 100

95 81.9 66.8 100.2

174 102.5 88.3 132.5





#47

Bromodichloromethane

Concen: 52.204 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

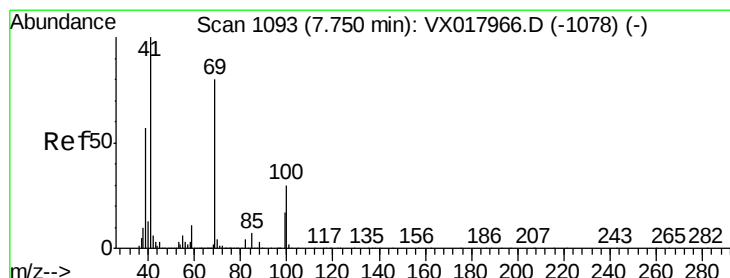
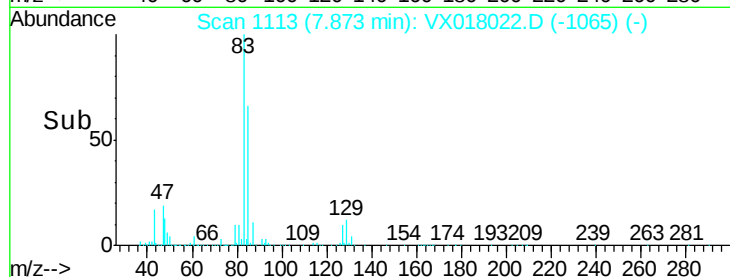
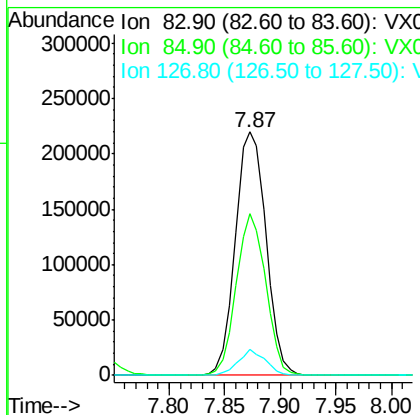
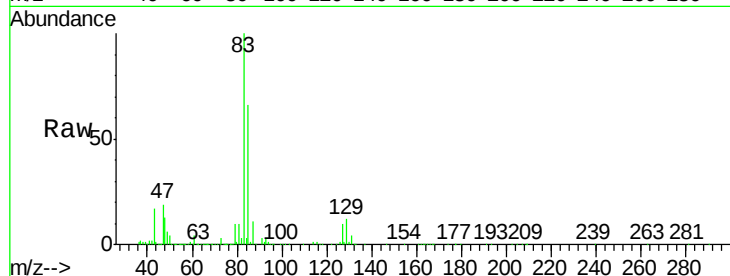
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	420441
Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.4	78.6
127	10.5	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.601 ug/l

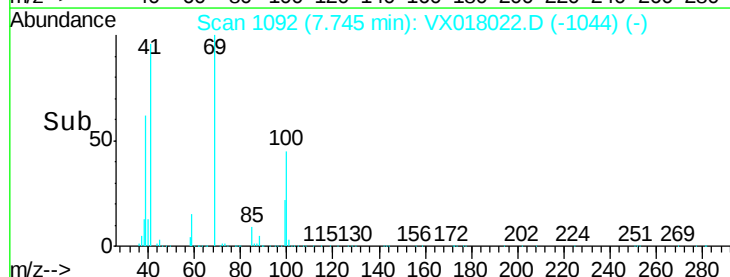
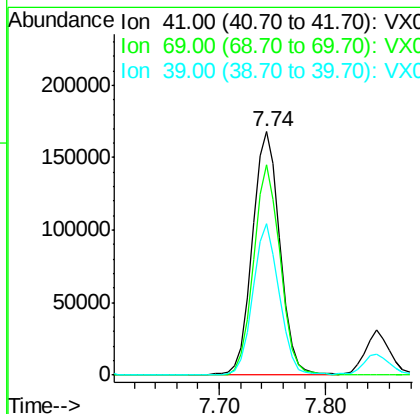
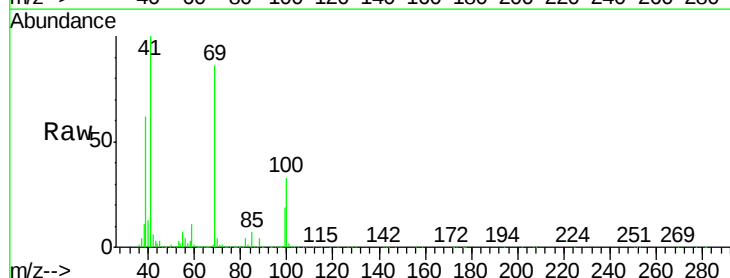
RT: 7.74 min Scan# 1092

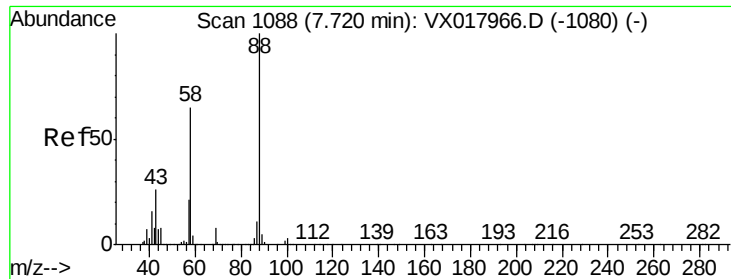
Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tgt Ion:	41	Resp:	304346
Ion	Ratio	Lower	Upper
41	100		
69	83.7	64.3	96.5
39	58.9	45.3	67.9





#49

1,4-Dioxane

Concen: 996.580 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

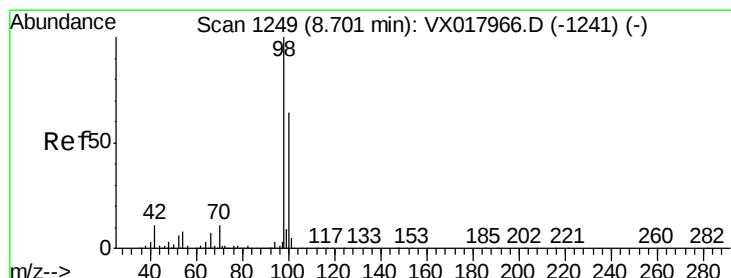
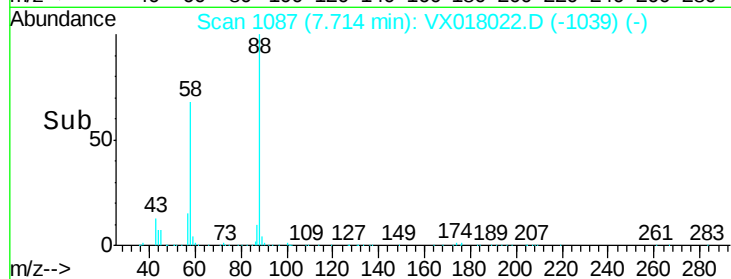
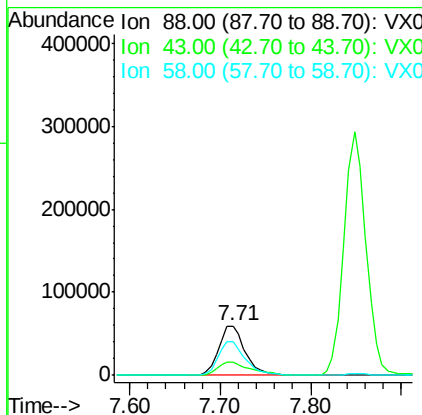
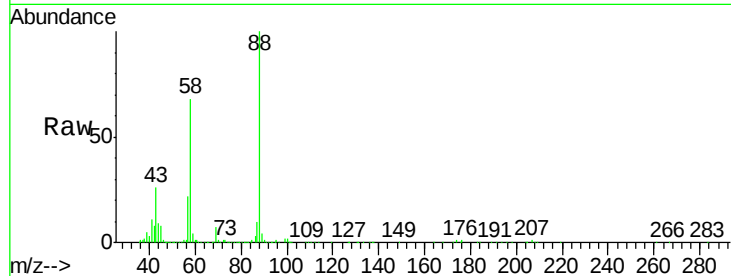
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	120335
Ion Ratio	Lower	Upper	
88	100		
43	32.4	27.3	40.9
58	70.4	57.7	86.5

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#50

Toluene-d8

Concen: 48.319 ug/l

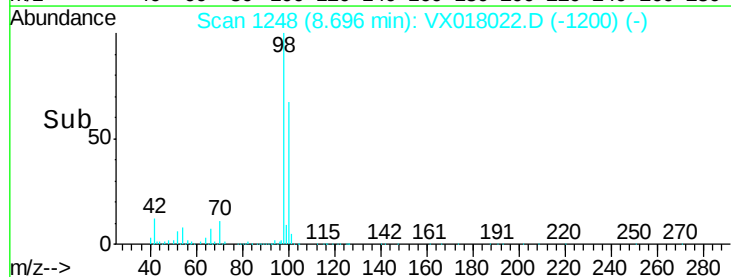
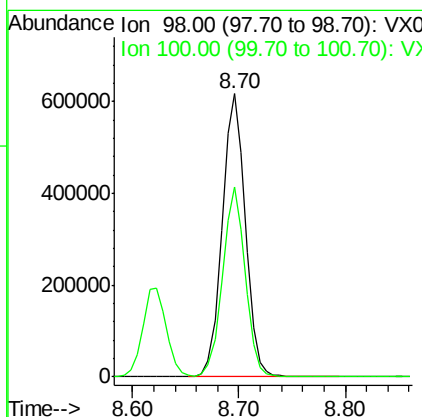
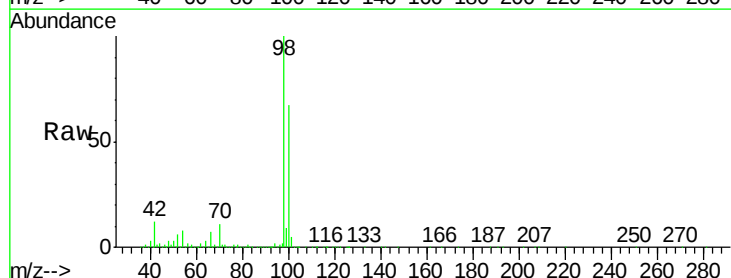
RT: 8.70 min Scan# 1248

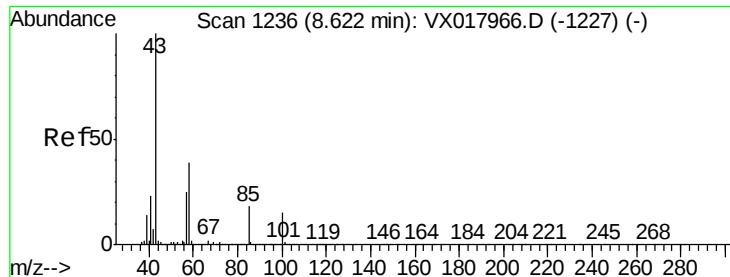
Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tgt Ion:	98	Resp:	936025
Ion Ratio	Lower	Upper	
98	100		
100	65.8	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 248.674 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1991979

Ion Ratio Lower Upper

43 100

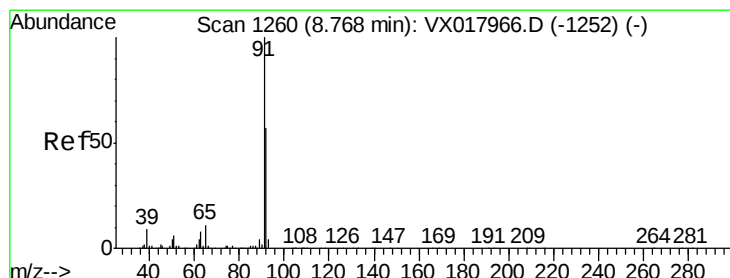
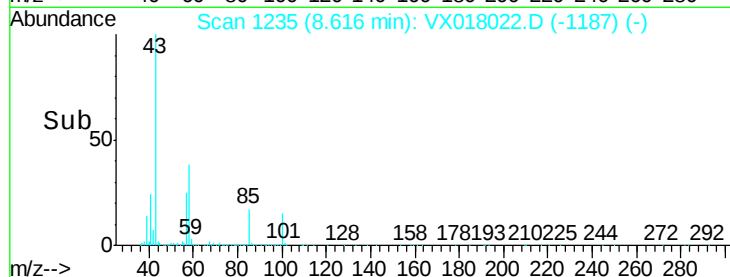
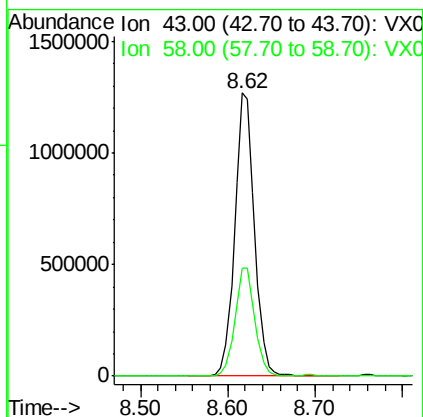
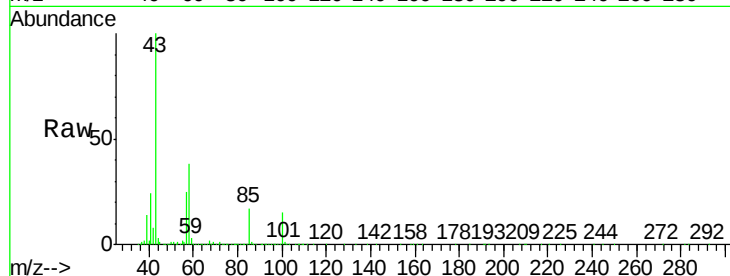
58 38.5 31.0 46.4

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#52

Toluene

Concen: 53.287 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018022.D

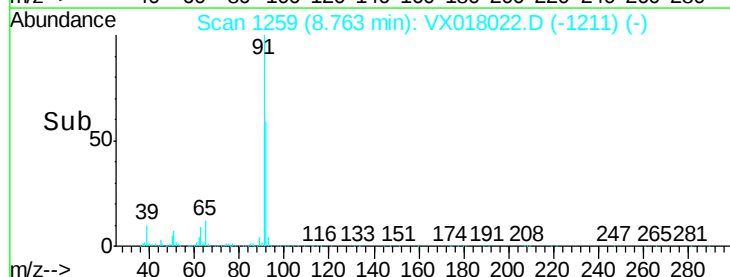
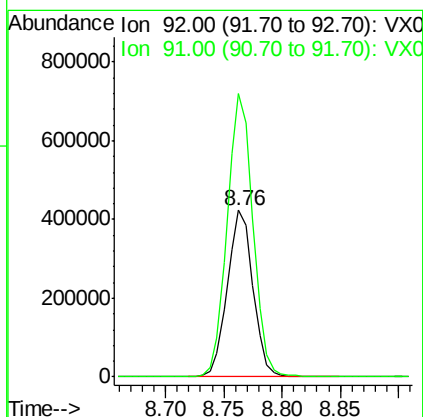
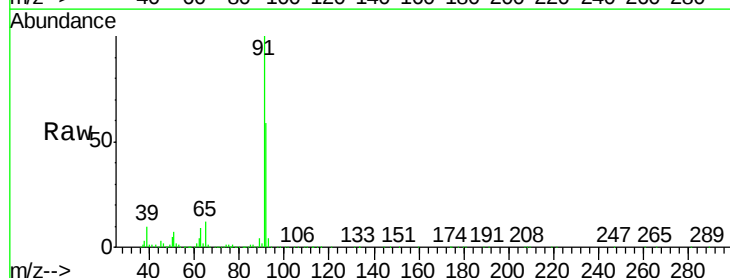
Acq: 20 Aug 2020 09:24

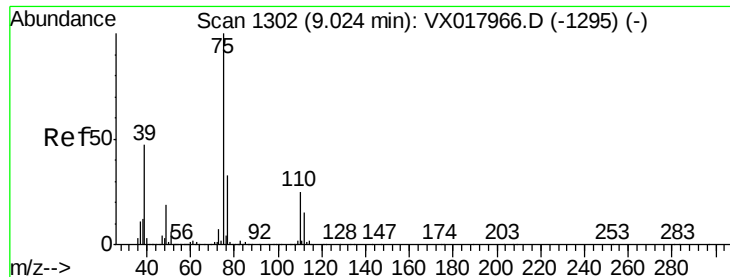
Tgt Ion: 92 Resp: 646802

Ion Ratio Lower Upper

92 100

91 170.9 138.4 207.6





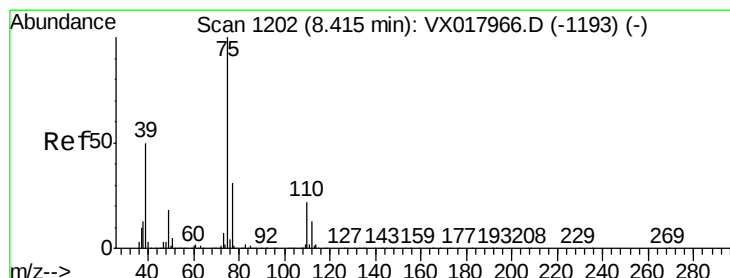
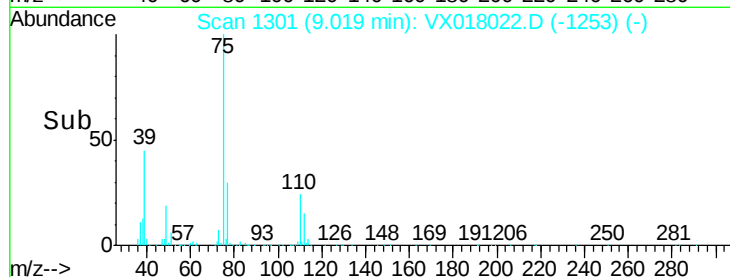
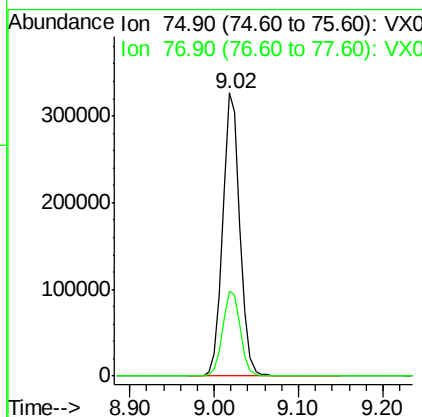
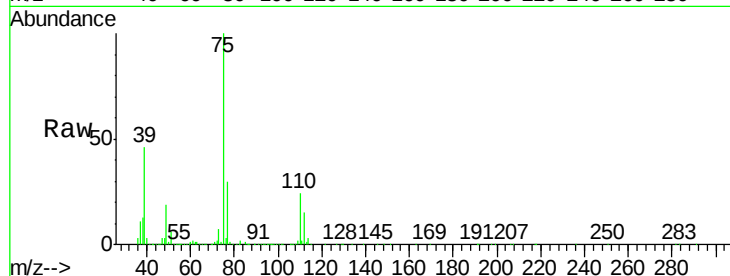
#53
t-1,3-Dichloropropene
Concen: 53.799 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 458273
Ion Ratio Lower Upper
75 100
77 29.8 26.1 39.1

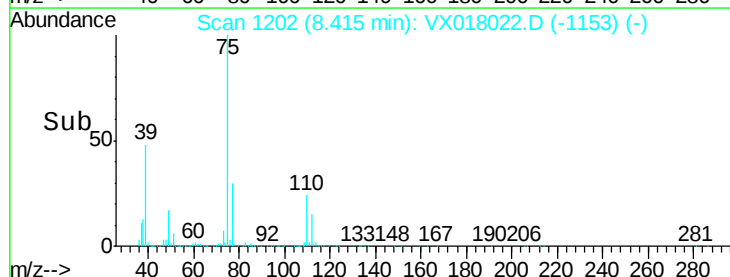
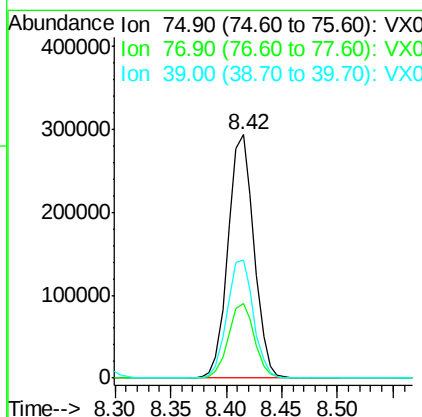
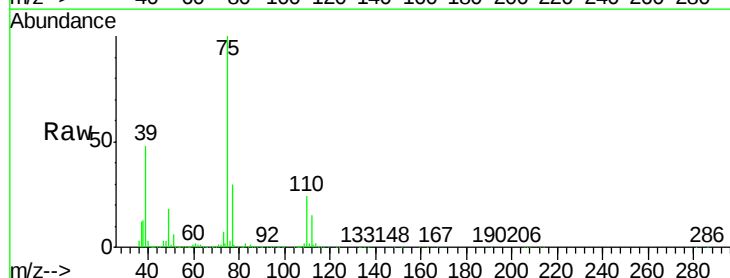
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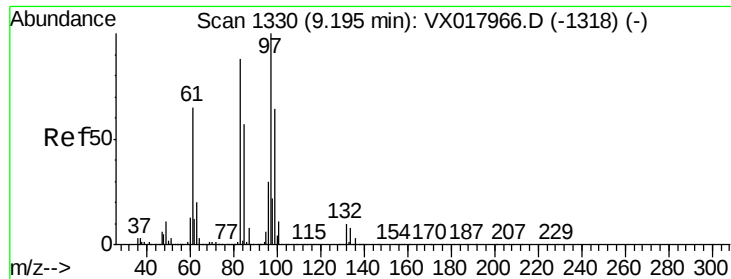
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#54
cis-1,3-Dichloropropene
Concen: 53.176 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion: 75 Resp: 472285
Ion Ratio Lower Upper
75 100
77 30.4 24.6 36.8
39 48.2 39.7 59.5





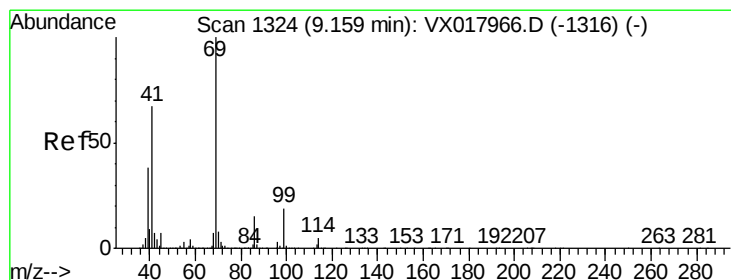
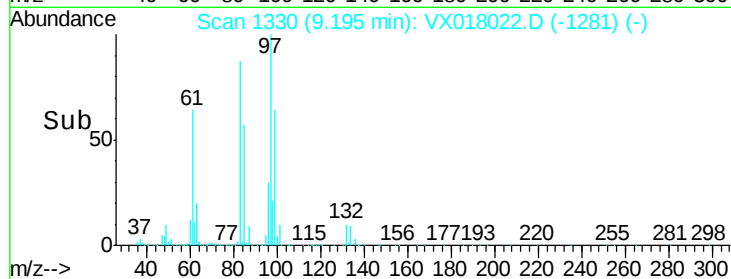
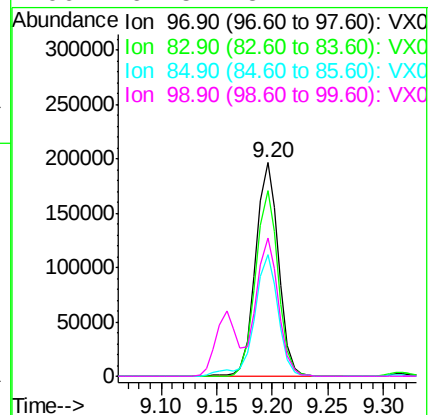
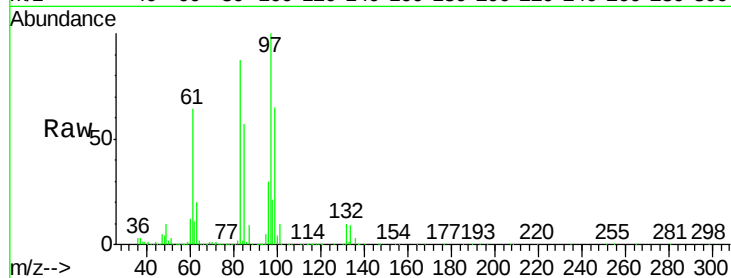
#55
 1,1,2-Trichloroethane
 Concen: 50.710 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		282774		
83	87.1	70.1	105.1		
85	56.9	45.8	68.8		
99	64.5	51.4	77.2		

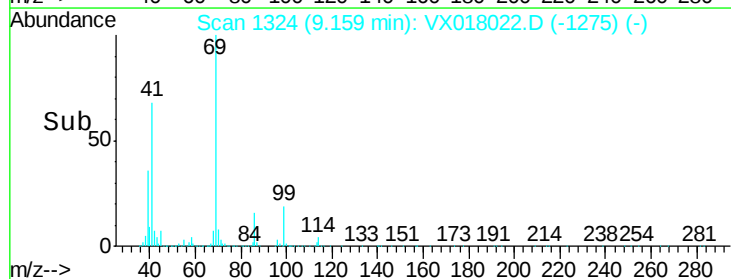
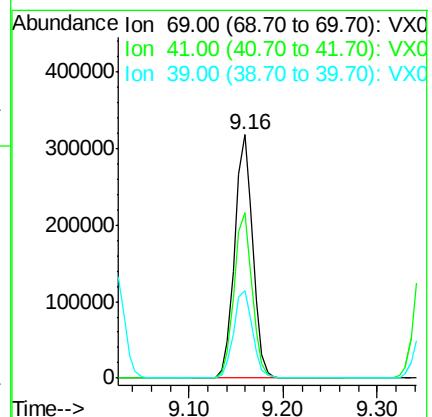
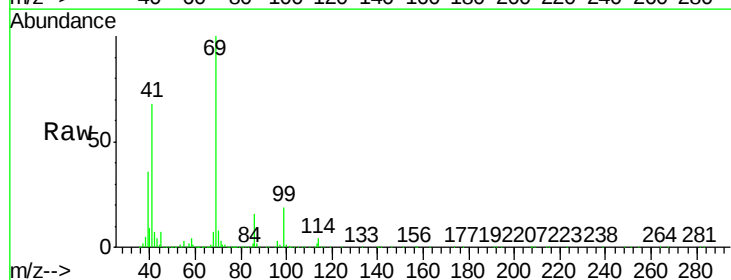
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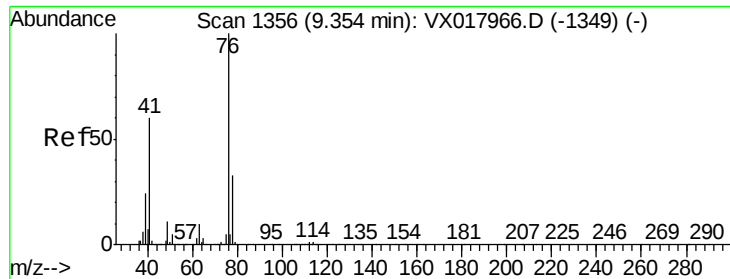
MMDadoda
 8/21/2020 10:51:00 AM



#56
 Ethyl methacrylate
 Concen: 54.066 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		426260		
41	67.1	52.3	78.5		
39	37.2	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 52.678 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 466522

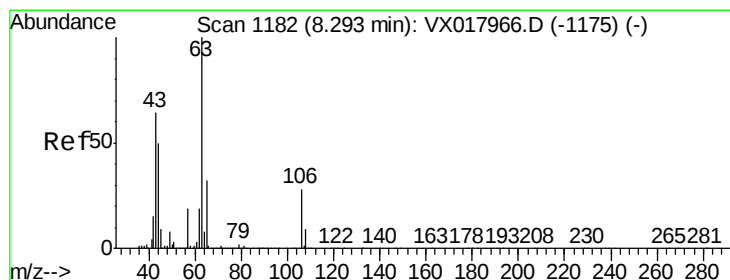
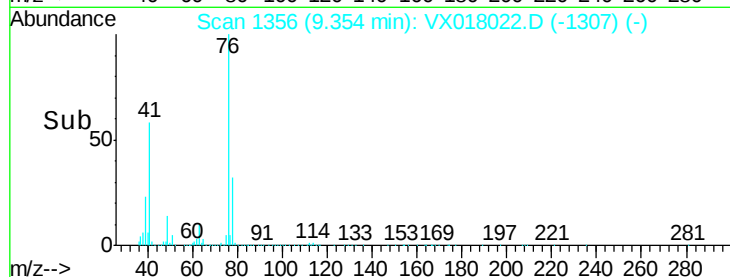
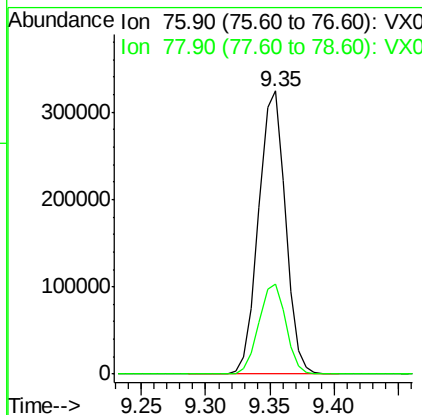
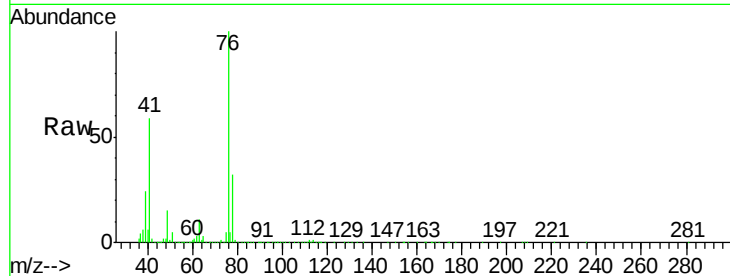
Ion Ratio Lower Upper

76 100

78 31.9 26.4 39.6

Manual Integrations
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8/21/2020 10:51:00 AM



#58

2-Chloroethyl Vinyl ether

Concen: 239.437 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018022.D

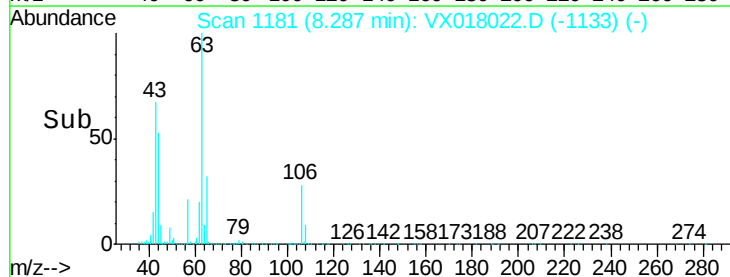
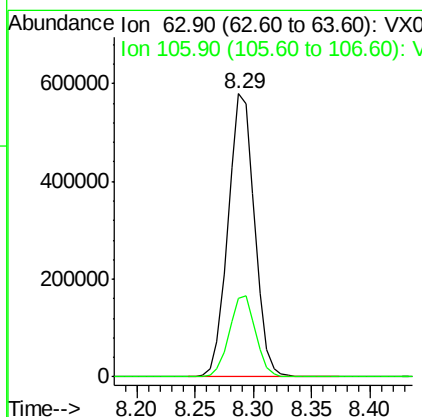
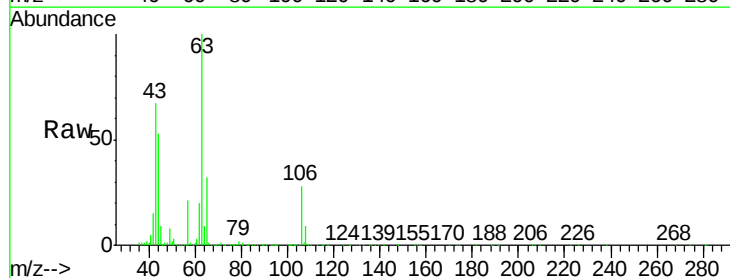
Acq: 20 Aug 2020 09:24

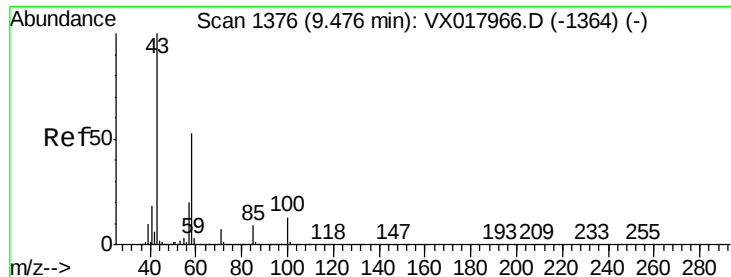
Tgt Ion: 63 Resp: 914153

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.4





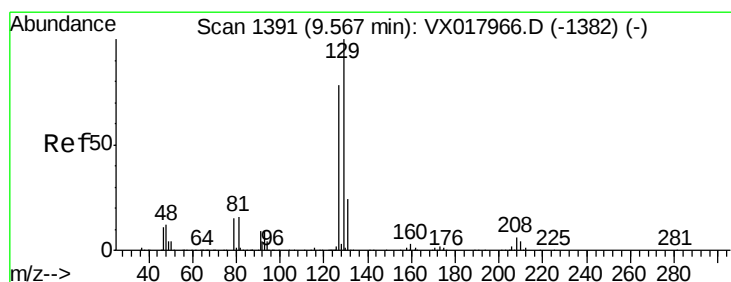
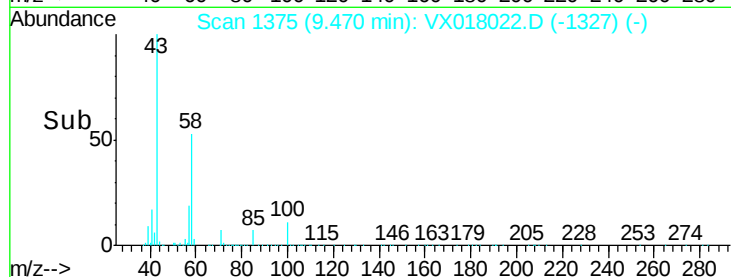
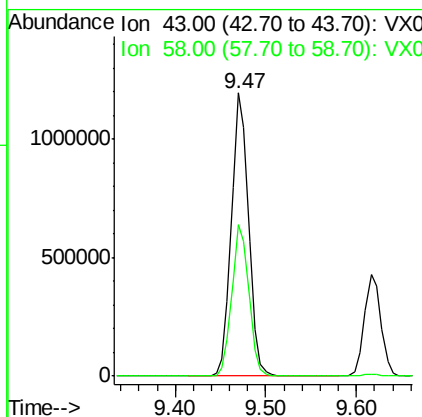
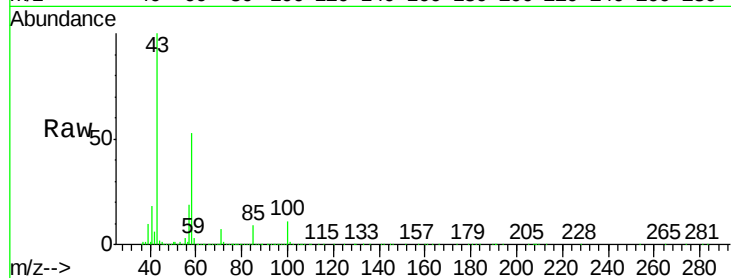
#59
2-Hexanone
Concen: 259.304 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1573924
Ion Ratio Lower Upper
43 100
58 53.2 26.4 79.0

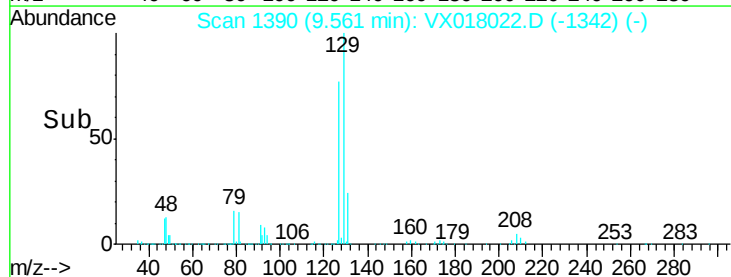
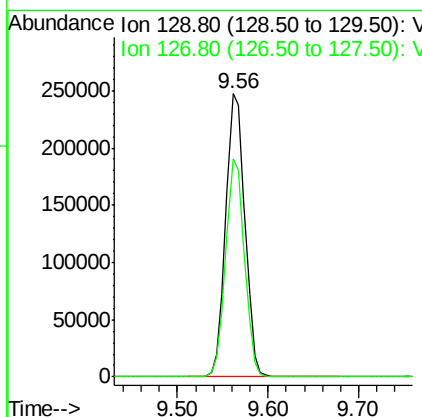
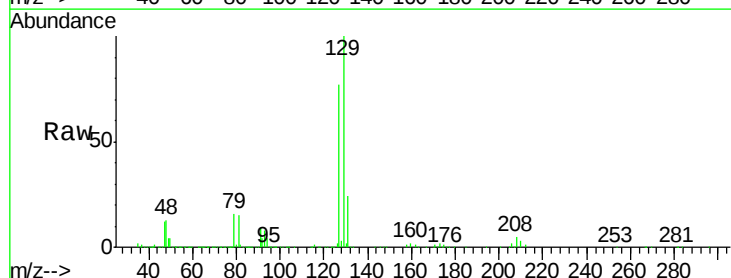
Manual Integrations
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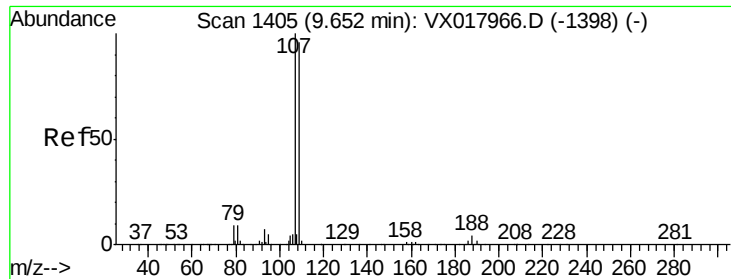
MMDadoda
8/21/2020 10:51:00 AM



#60
Dibromochloromethane
Concen: 52.391 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion: 129 Resp: 364871
Ion Ratio Lower Upper
129 100
127 75.6 39.5 118.3





#61

1,2-Dibromoethane

Concen: 48.828 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 301593

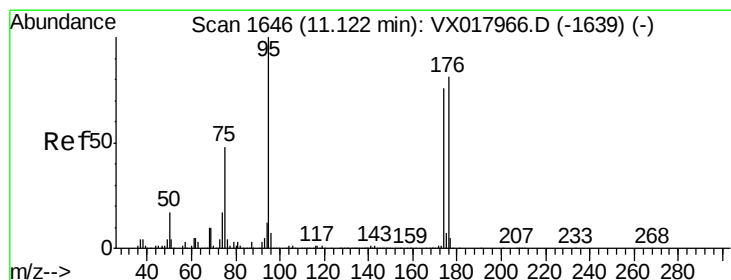
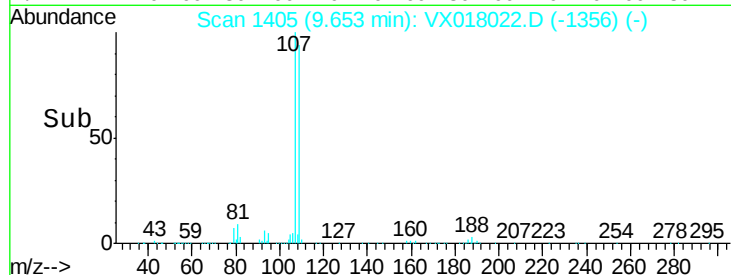
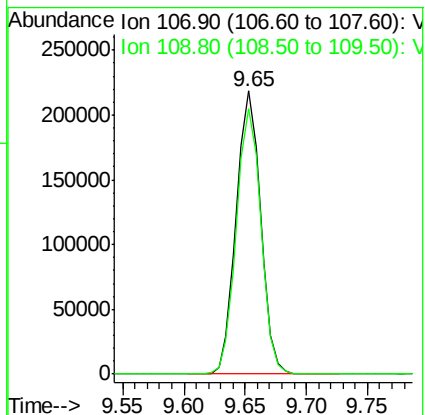
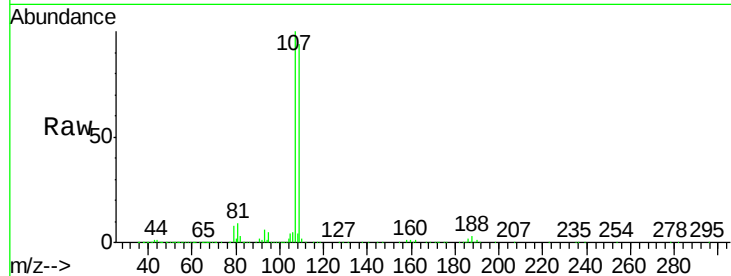
Ion Ratio Lower Upper

107 100

109 94.2 75.5 113.3

Manual Integrations
APPROVED

MMDadoda
8/21/2020 10:51:00 AM



#62

4-Bromofluorobenzene

Concen: 53.069 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

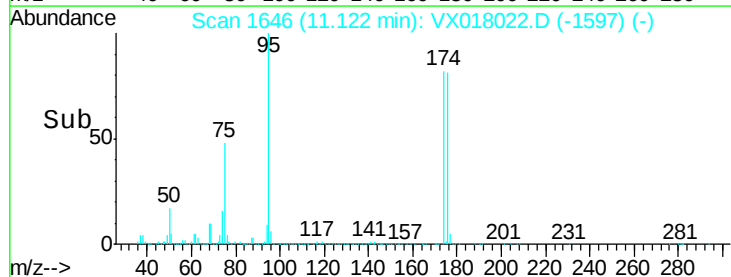
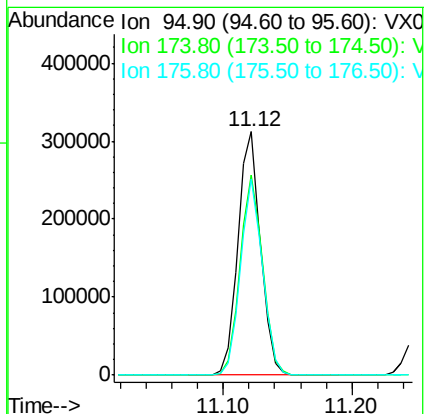
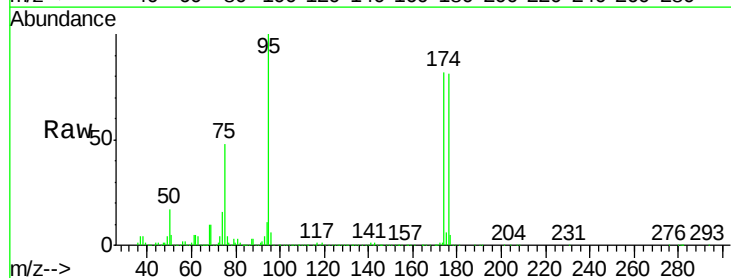
Tgt Ion: 95 Resp: 379696

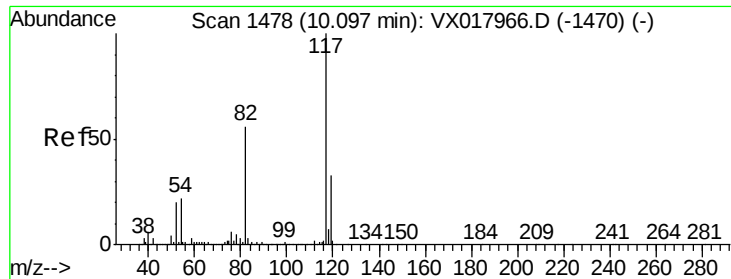
Ion Ratio Lower Upper

95 100

174 82.1 0.0 166.0

176 78.3 0.0 161.0





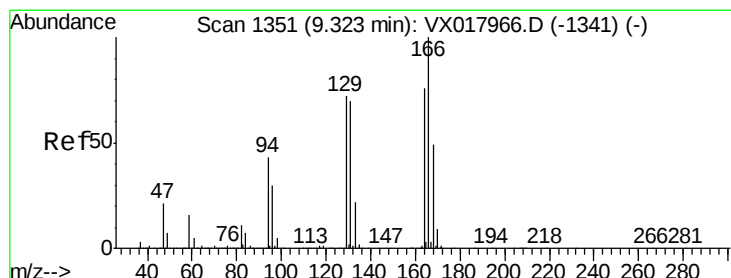
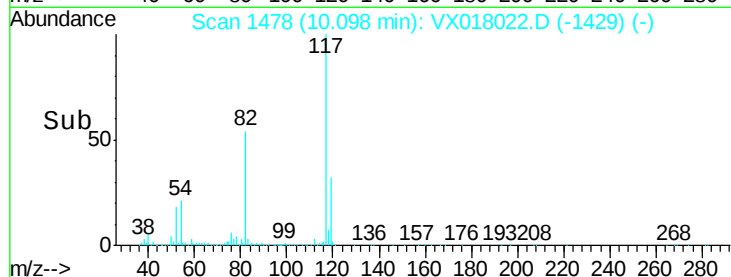
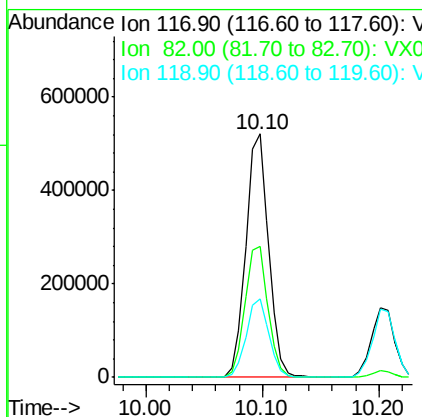
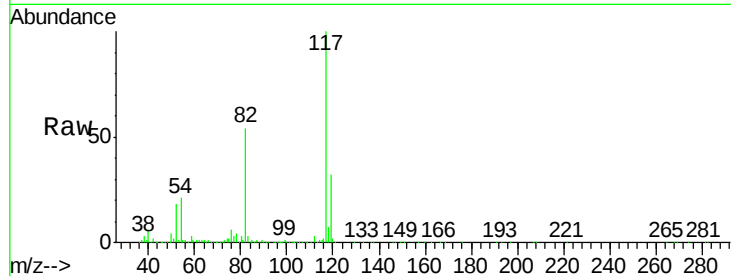
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.6	66.8
119	32.0	26.2	39.4

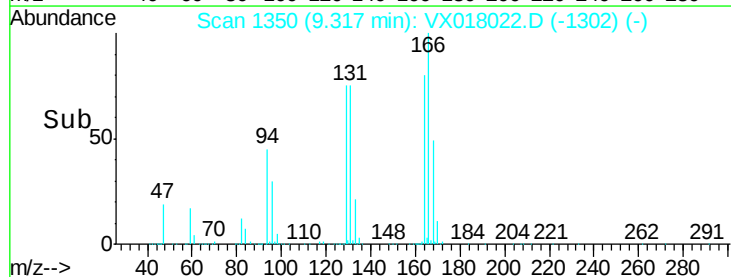
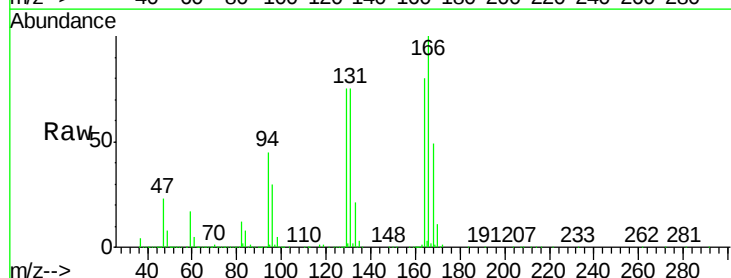
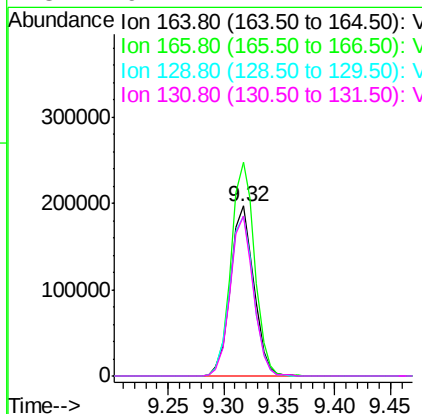
Manual Integrations
APPROVED

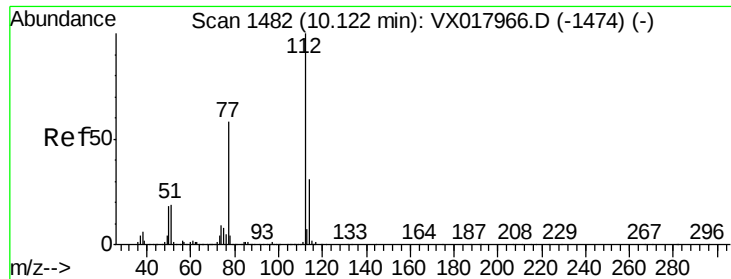
MMDadoda
8/21/2020 10:51:00 AM



#64
Tetrachloroethene
Concen: 52.645 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	105.7	158.5
129	94.2	75.8	113.8
131	94.1	74.2	111.4





#65

Chlorobenzene

Concen: 52.875 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 744940

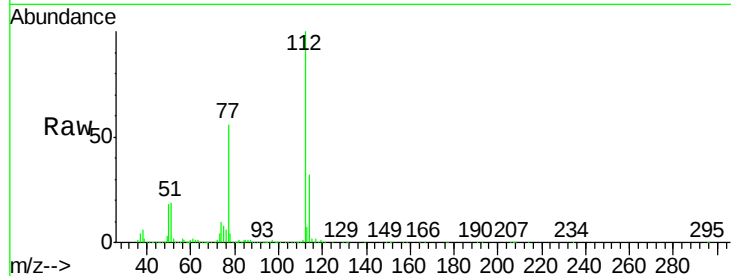
Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6

Manual Integrations
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MMDadoda
8/21/2020 10:51:00 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

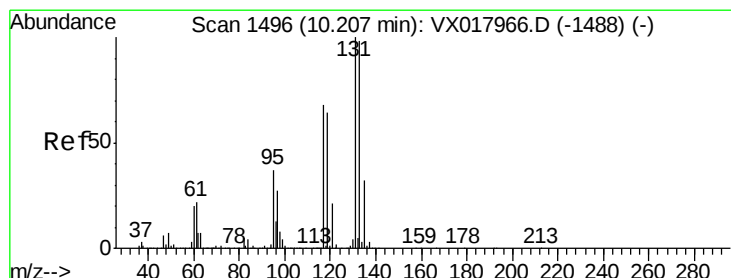
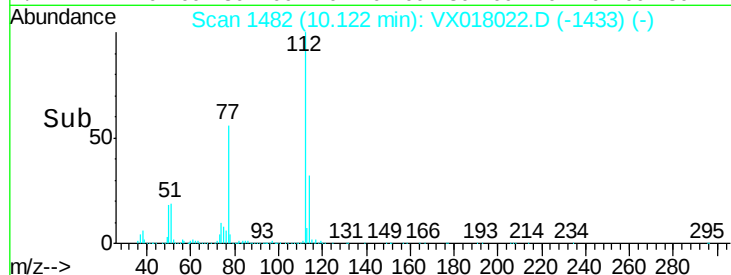
400000

200000

0

10.10 10.12 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.065 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

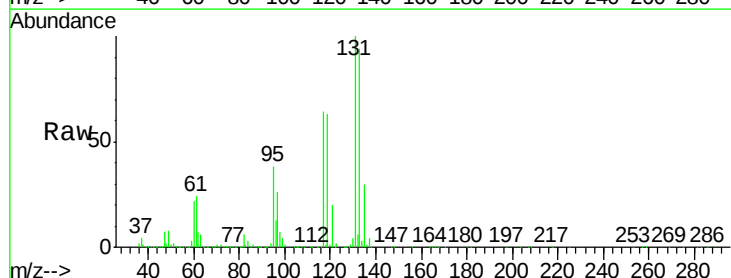
Tgt Ion:131 Resp: 316247

Ion Ratio Lower Upper

131 100

133 94.4 48.4 145.3

119 62.2 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

300000

250000

200000

150000

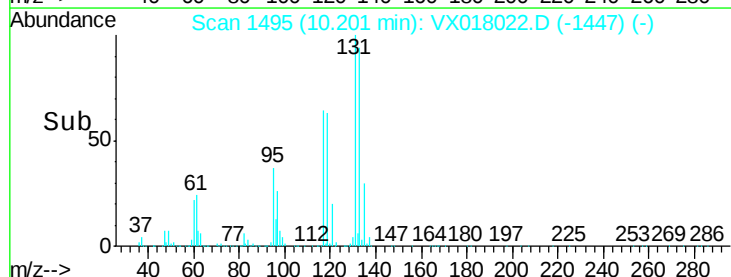
100000

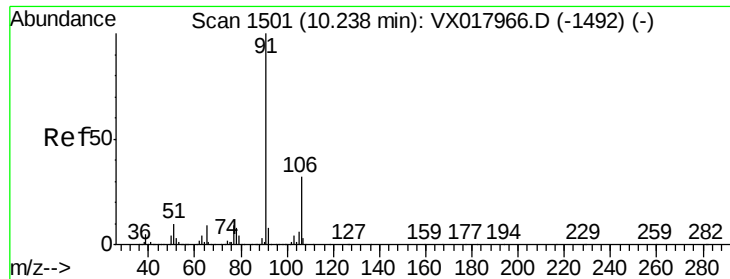
50000

0

10.10 10.20 10.30

Time-->





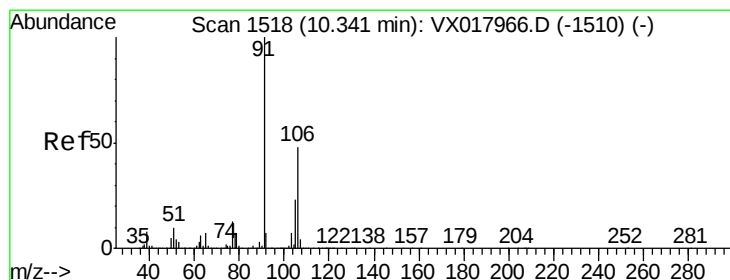
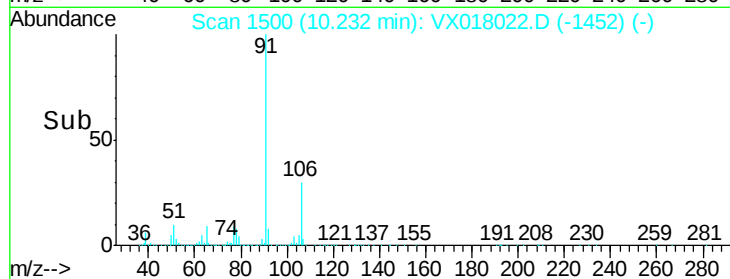
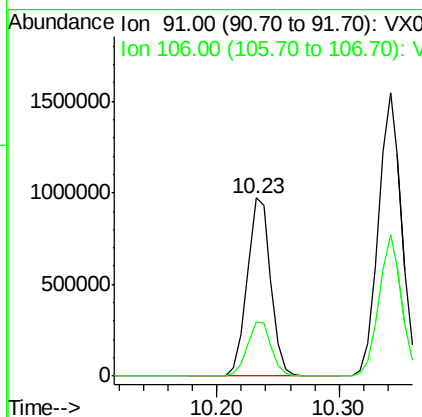
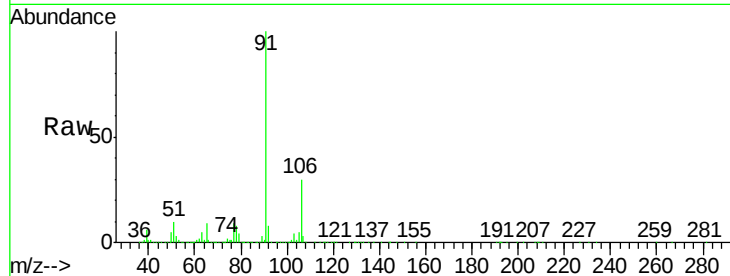
#67
Ethyl Benzene
Concen: 56.119 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1303394
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0

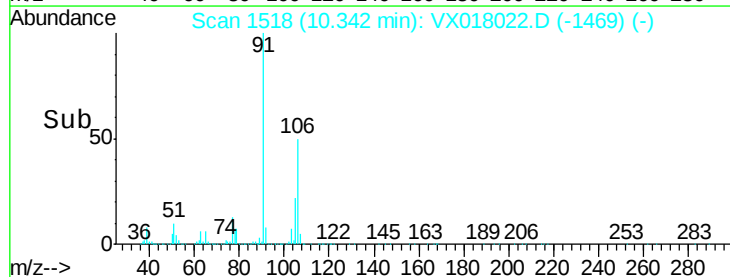
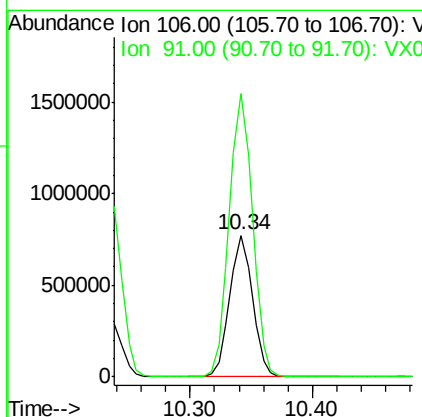
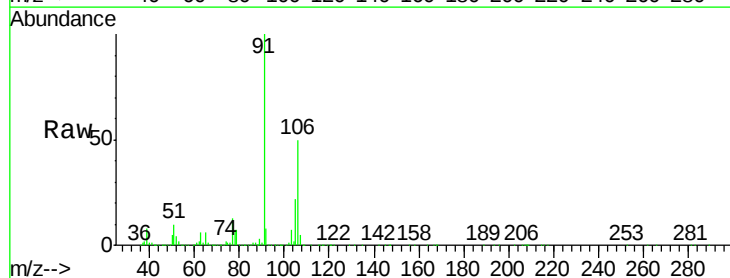
Manual Integrations
APPROVED

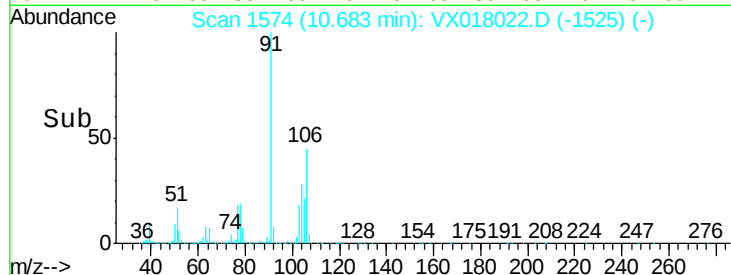
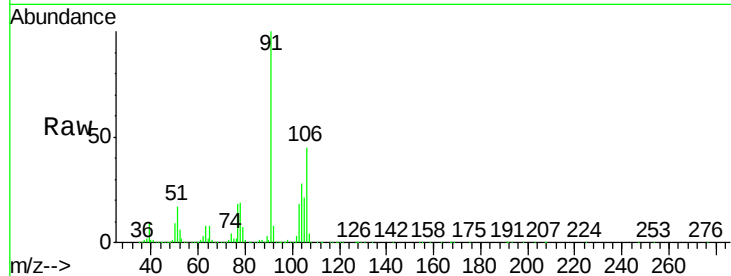
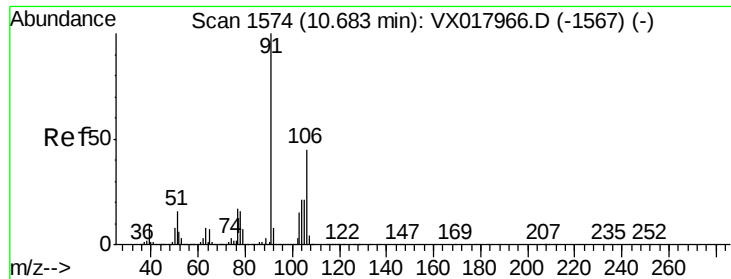
MMDadoda
8/21/2020 10:51:00 AM



#68
m/p-Xylenes
Concen: 111.787 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion: 106 Resp: 999546
Ion Ratio Lower Upper
106 100
91 204.7 167.4 251.2





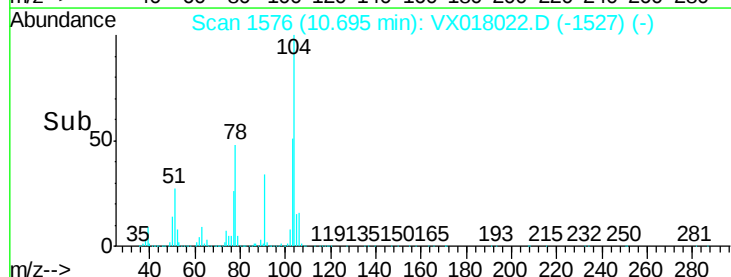
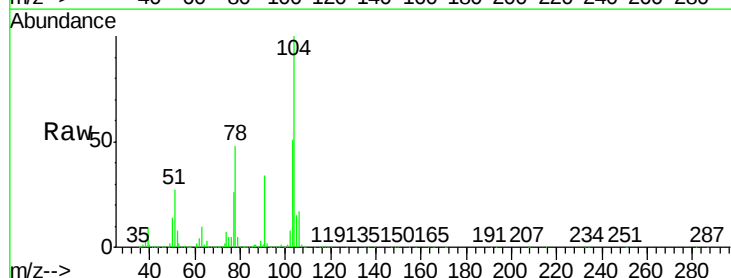
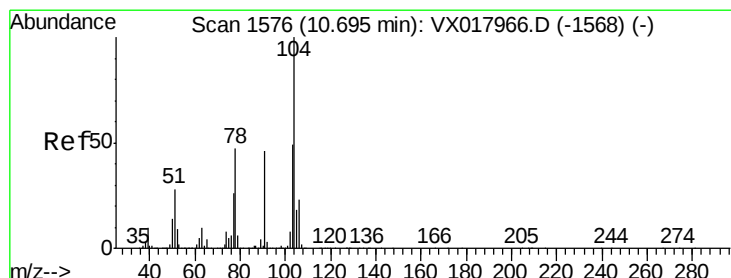
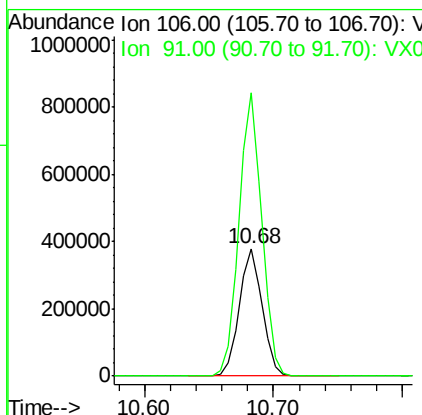
#69
o-Xylene
Concen: 54.359 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		468705		
91	220.6	108.1	324.2		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

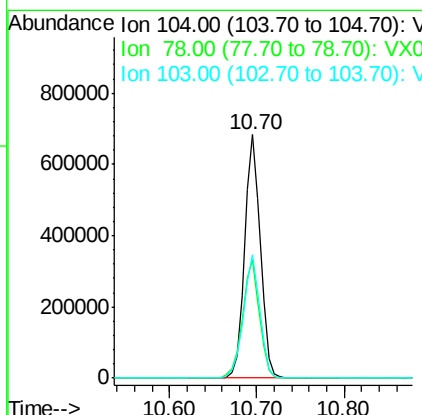
Manual Integrations
APPROVED

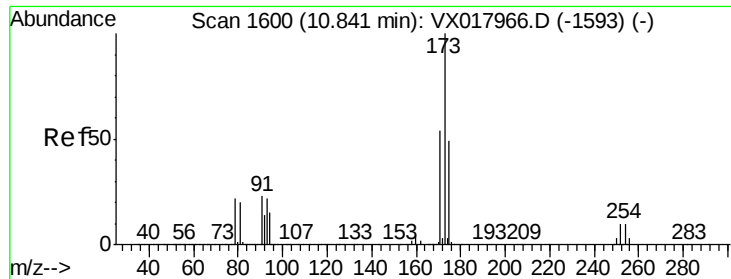
MMDadoda
8/21/2020 10:51:00 AM



#70
Styrene
Concen: 57.320 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		852672		
78	52.5	41.3	61.9		
103	53.6	42.9	64.3		





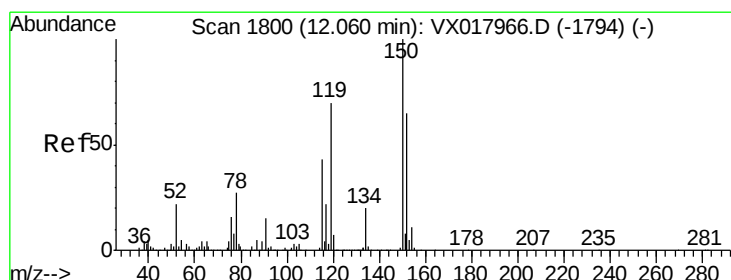
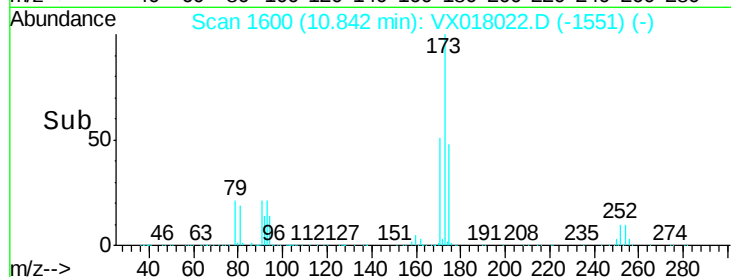
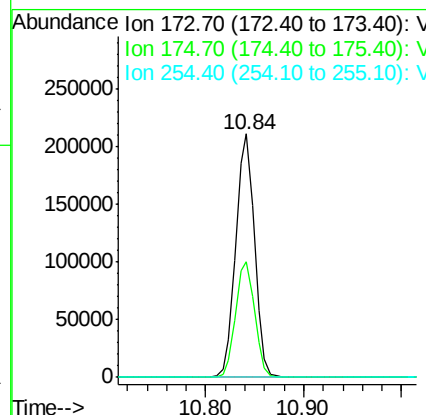
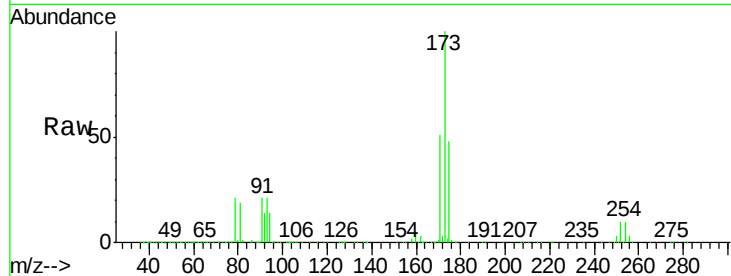
#71
Bromoform
Concen: 52.584 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.4	73.2
254	0.0	0.2	0.2

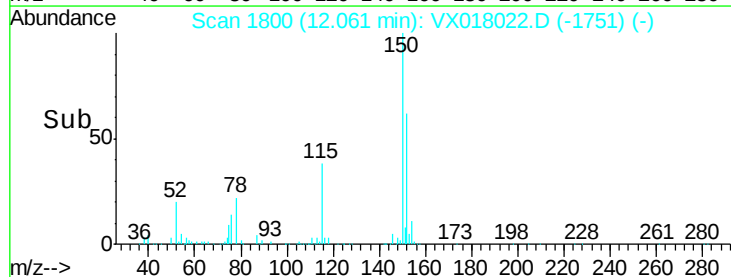
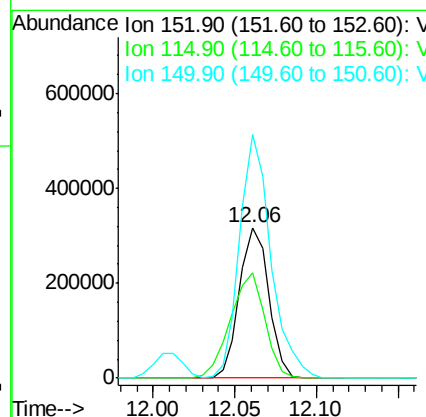
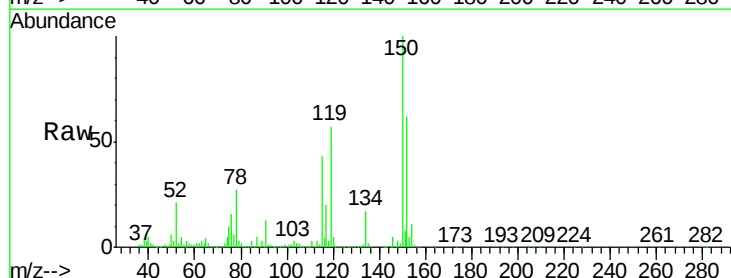
Manual Integrations
APPROVED

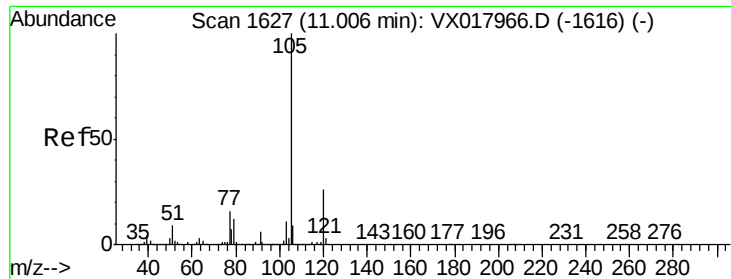
MMDadoda
8/21/2020 10:51:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.5	40.6	121.7
150	171.8	0.0	346.4





#73

Isopropylbenzene

Concen: 53.114 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1368400

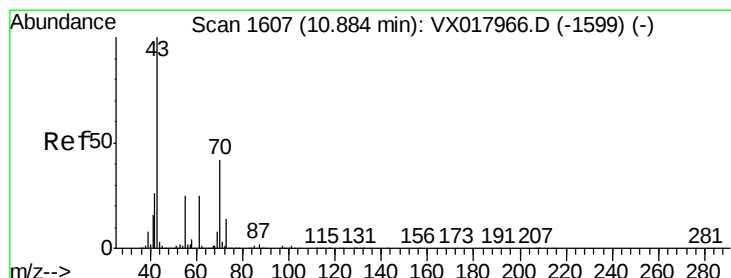
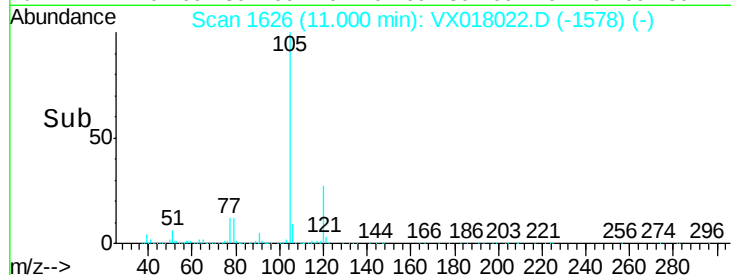
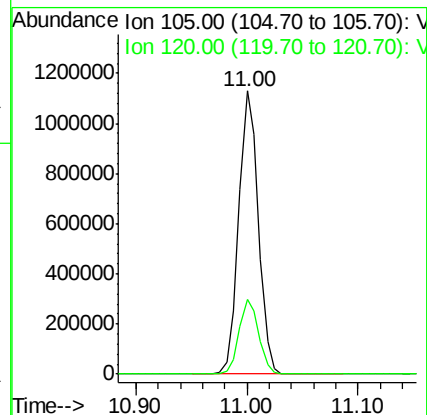
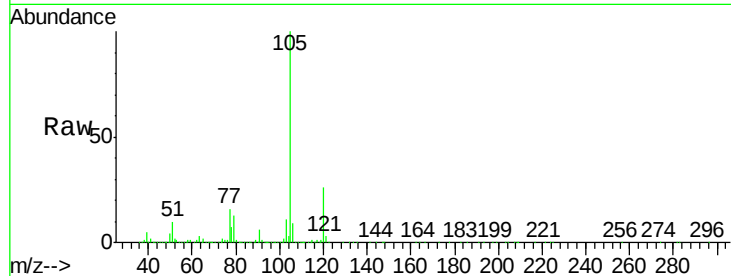
Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4

Manual Integrations
APPROVED

MMDadoda
8/21/2020 10:51:00 AM



#74

N-ethyl acetate

Concen: 49.848 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tgt Ion: 43 Resp: 571229

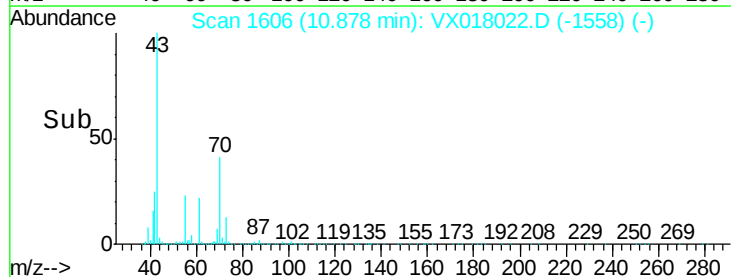
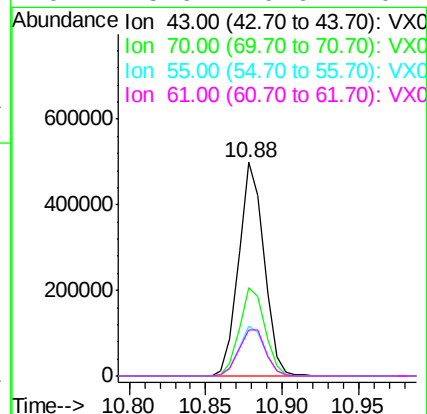
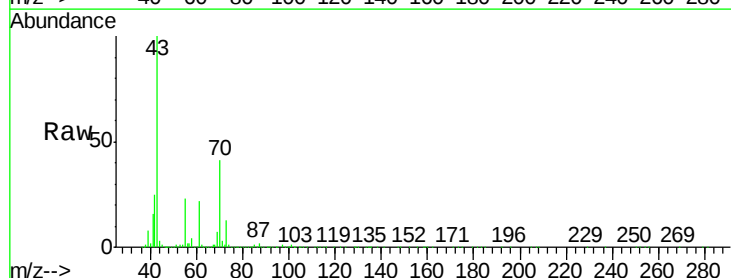
Ion Ratio Lower Upper

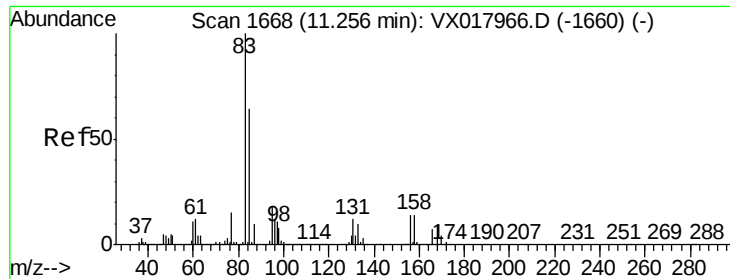
43 100

70 41.8 32.9 49.3

55 23.8 19.3 28.9

61 23.6 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.882 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

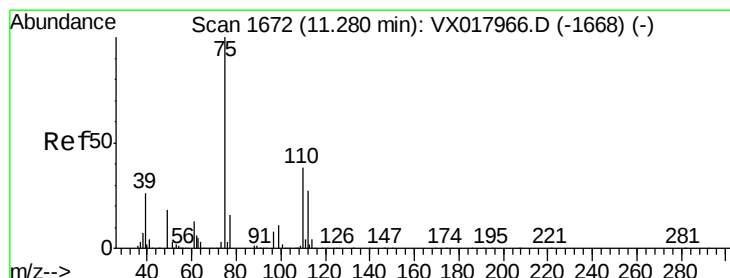
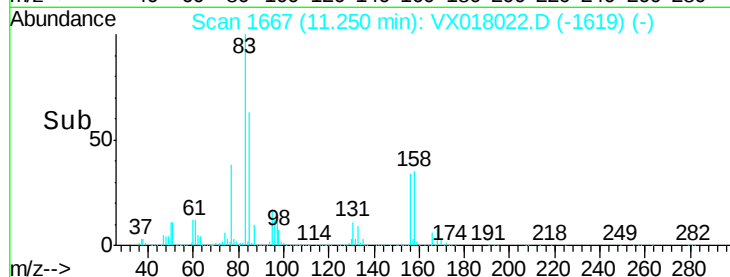
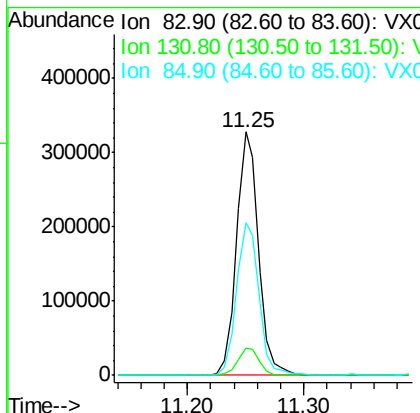
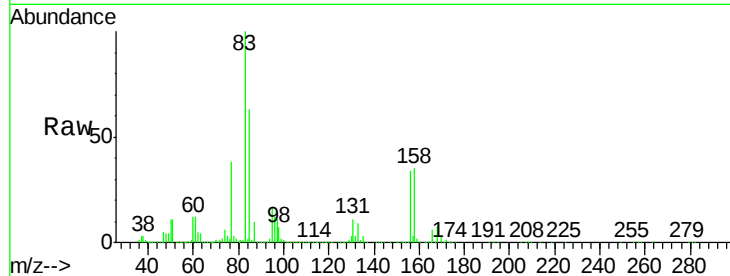
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	430340
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.0
85	64.5	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
8/21/2020 10:51:00 AM



#76

1,2,3-Trichloropropane

Concen: 48.701 ug/l m

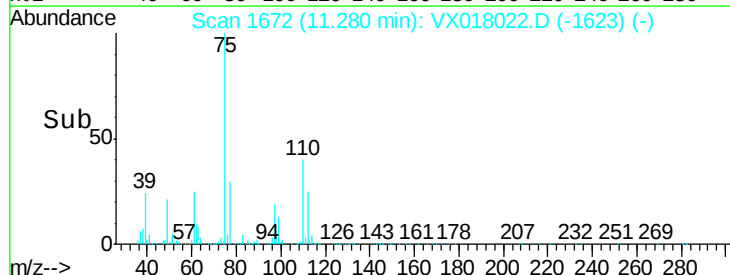
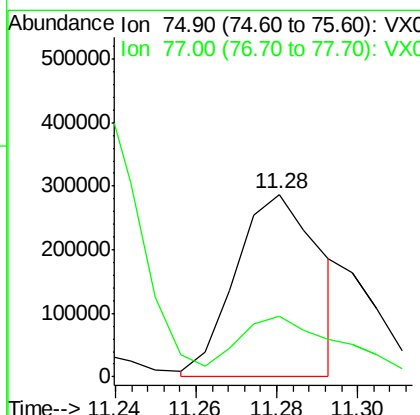
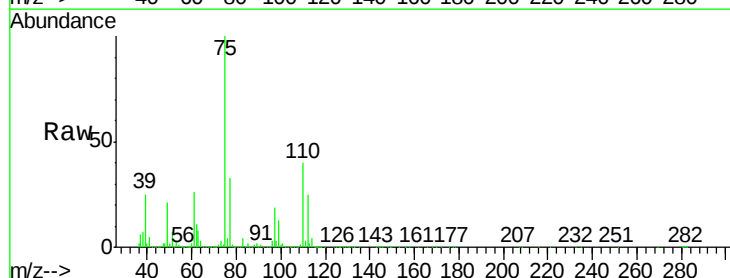
RT: 11.28 min Scan# 1672

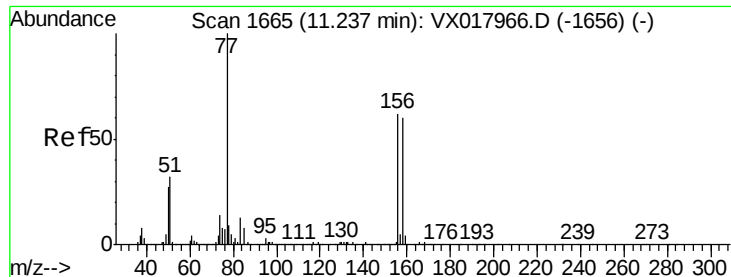
Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tgt Ion:	75	Resp:	414555
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.1	63.1





#77

Bromobenzene

Concen: 48.925 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

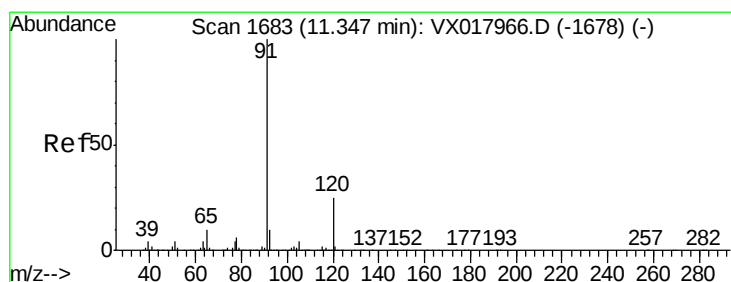
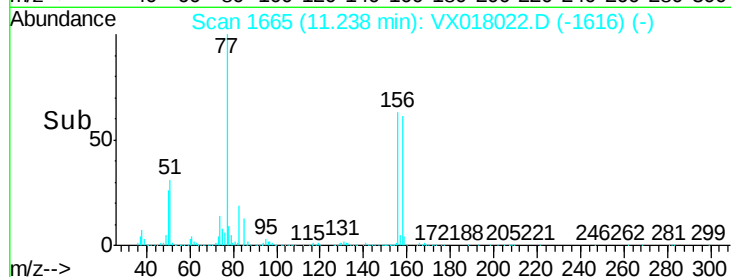
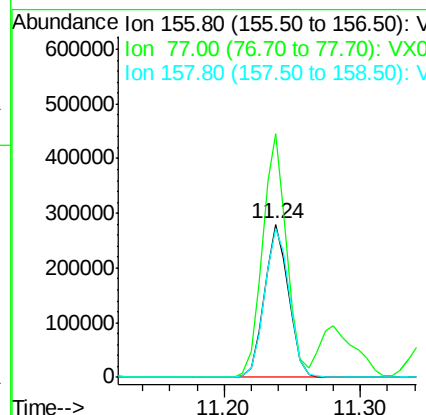
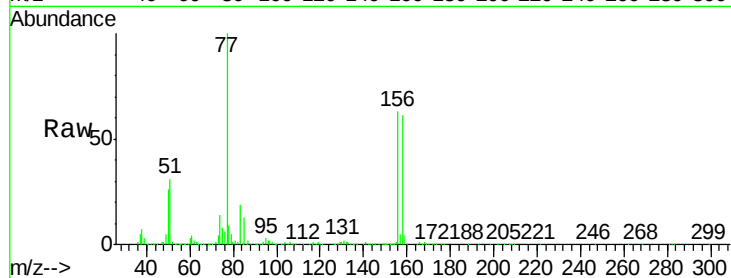
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	349709
Ion Ratio	Lower	Upper	
156	100		
77	158.3	78.0	234.0
158	100.5	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 52.491 ug/l

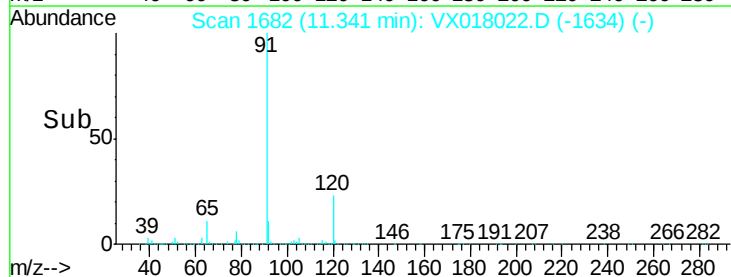
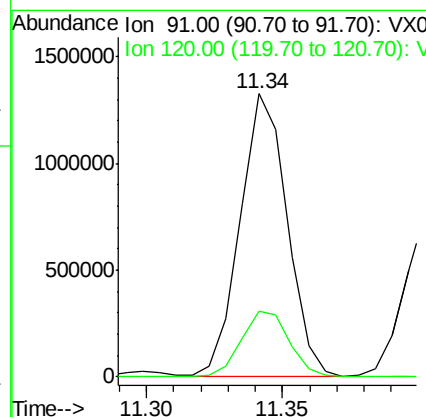
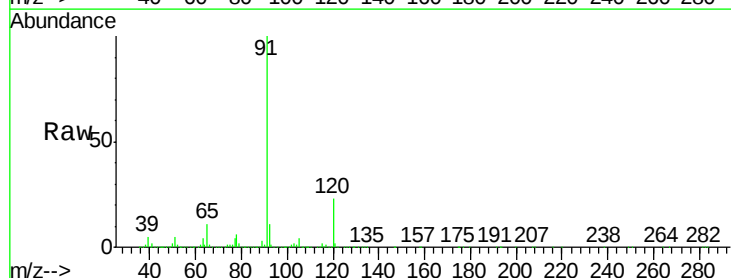
RT: 11.34 min Scan# 1682

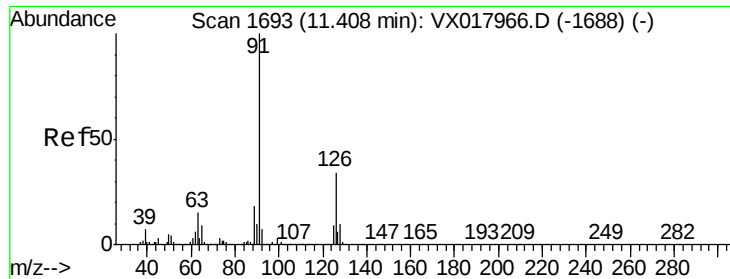
Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tgt Ion:	91	Resp:	1581711
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.1





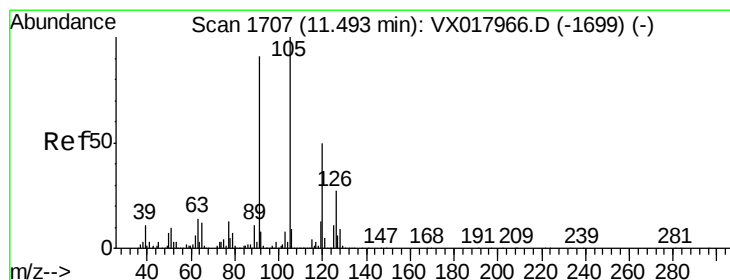
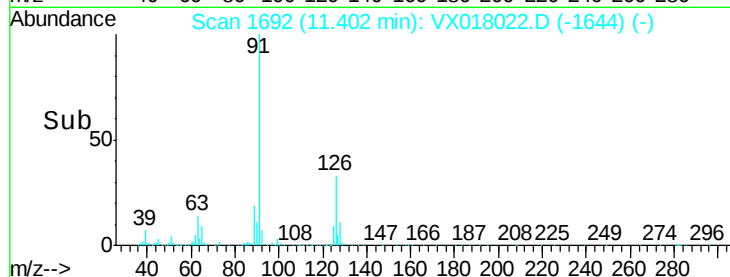
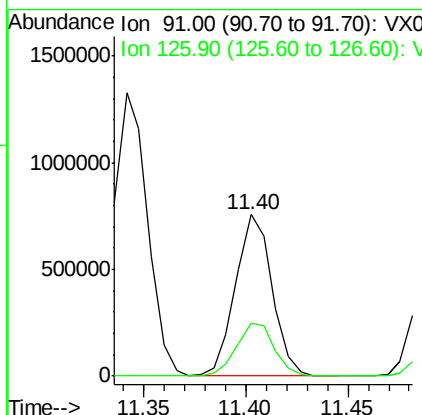
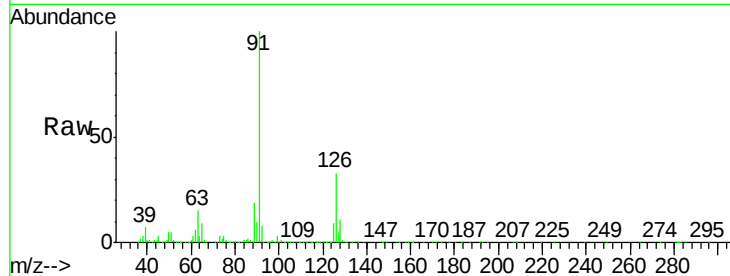
#79
2-Chlorotoluene
Concen: 50.974 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 936079
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2

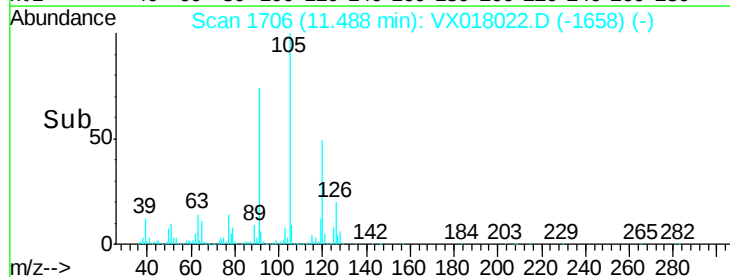
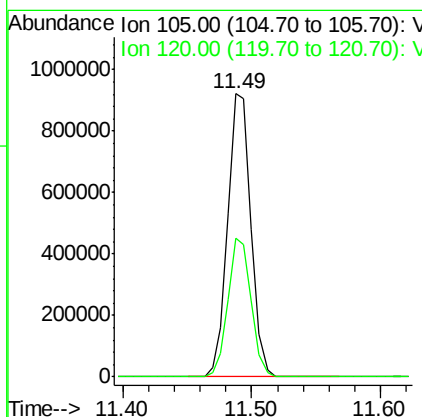
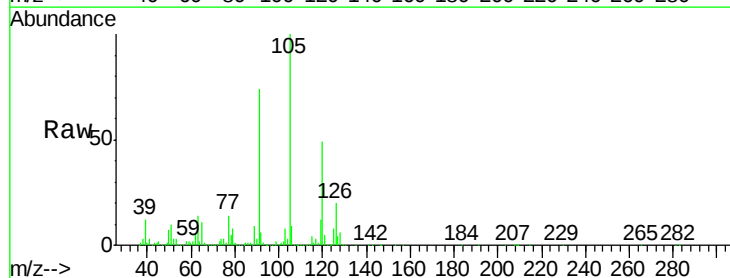
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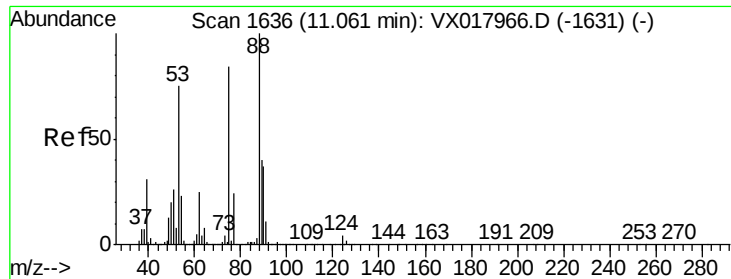
MMDadoda
8/21/2020 10:51:00 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.700 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion: 105 Resp: 1169177
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4





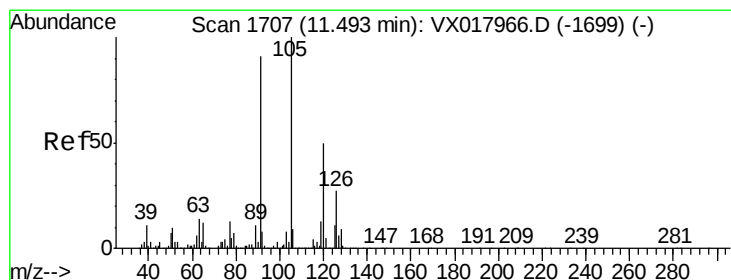
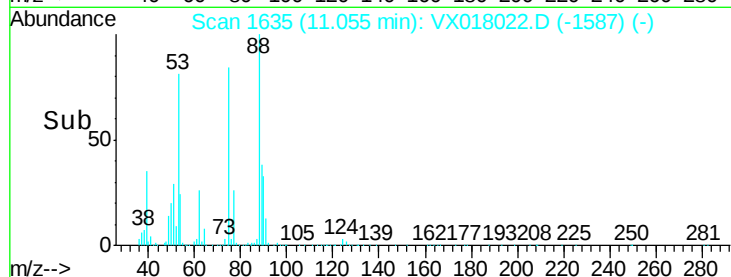
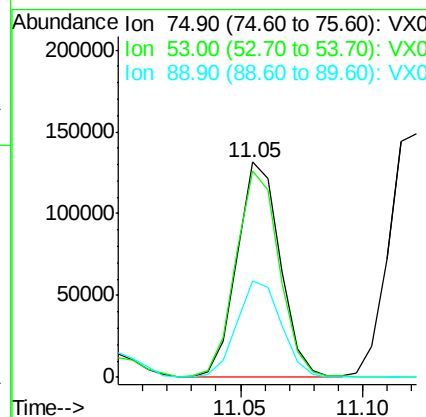
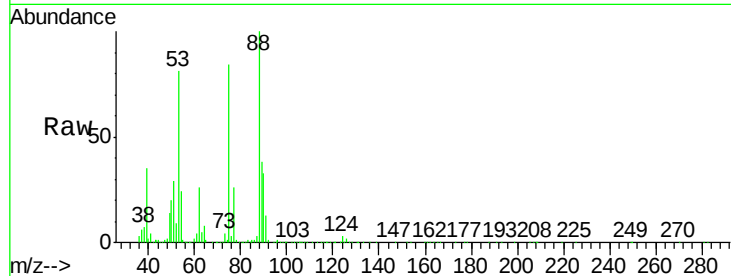
#81
trans-1,4-Dichloro-2-butene
Concen: 49.326 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.1	75.2	112.8
89	46.5	38.4	57.6

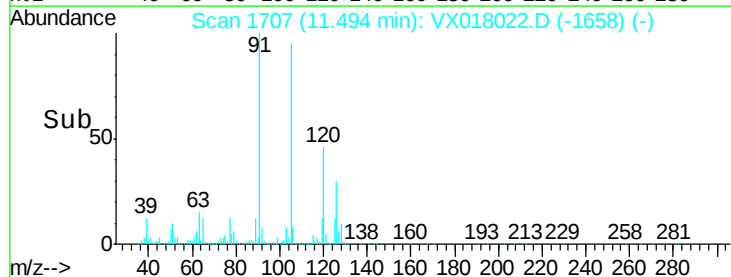
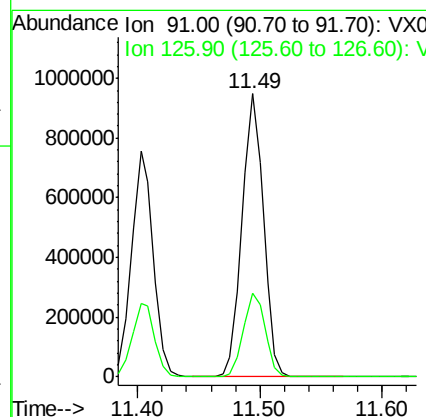
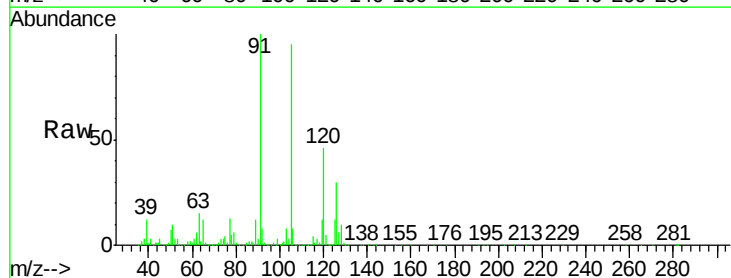
Manual Integrations
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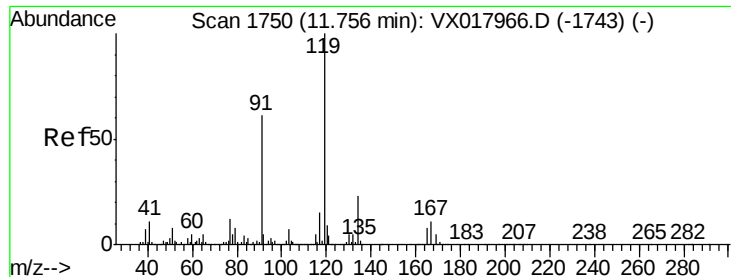
MMDadoda
8/21/2020 10:51:00 AM



#82
4-Chlorotoluene
Concen: 52.871 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.0	45.0





#83

tert-Butylbenzene

Concen: 53.354 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1139465

Ion Ratio Lower Upper

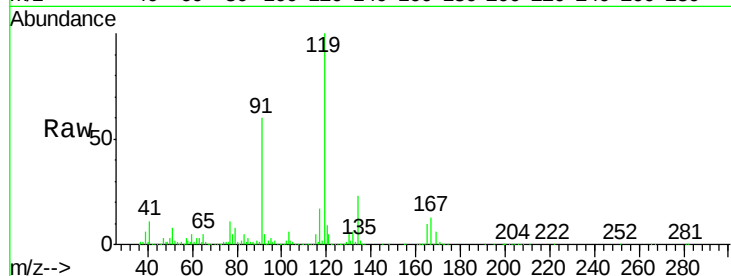
119 100

91 58.2 30.1 90.5

134 22.1 11.1 33.1

Manual Integrations
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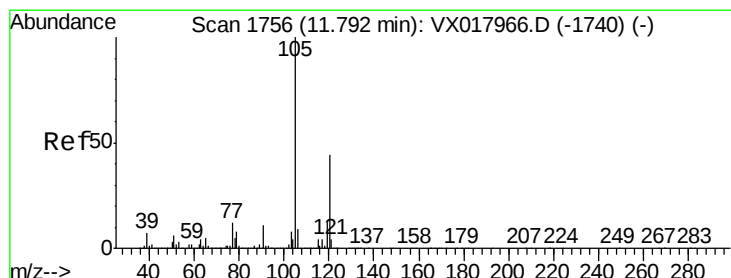
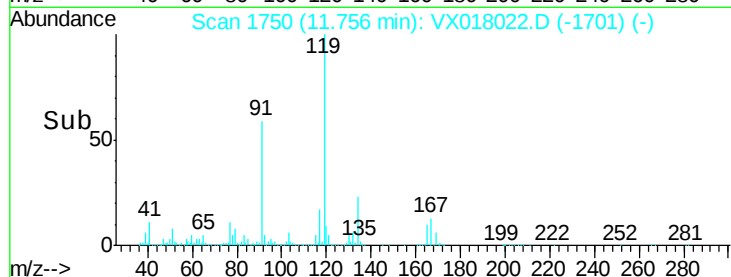
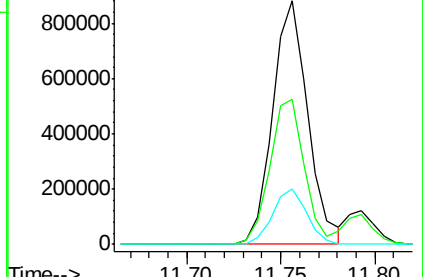
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.896 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018022.D

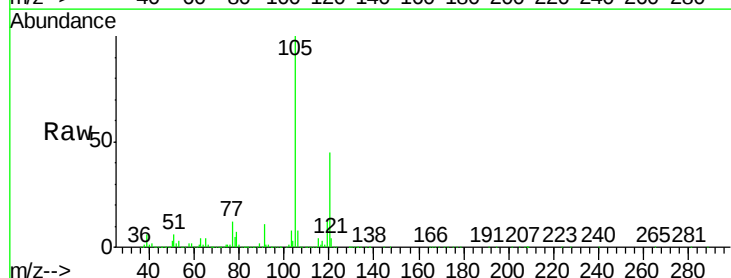
Acq: 20 Aug 2020 09:24

Tgt Ion:105 Resp: 1214993

Ion Ratio Lower Upper

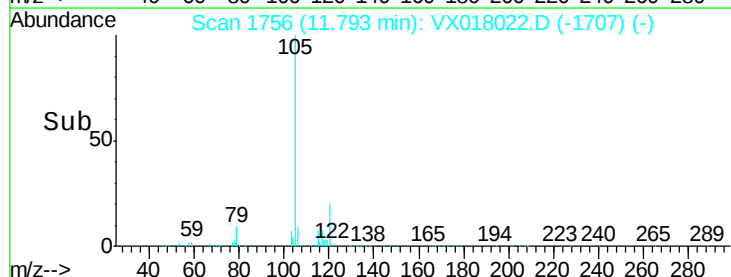
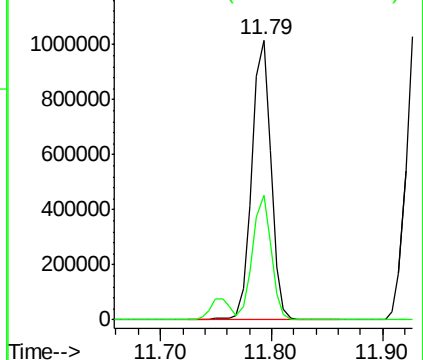
105 100

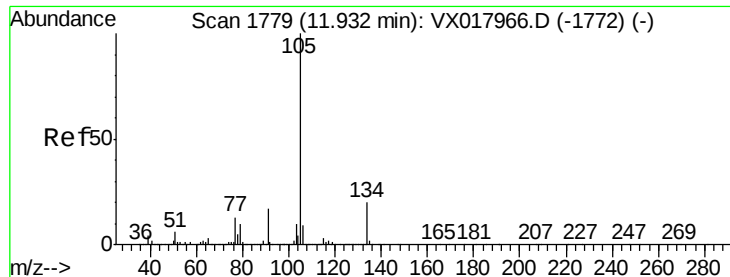
120 43.8 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.324 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1348956

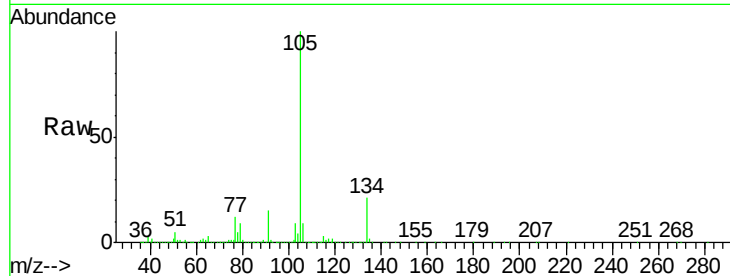
Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.9

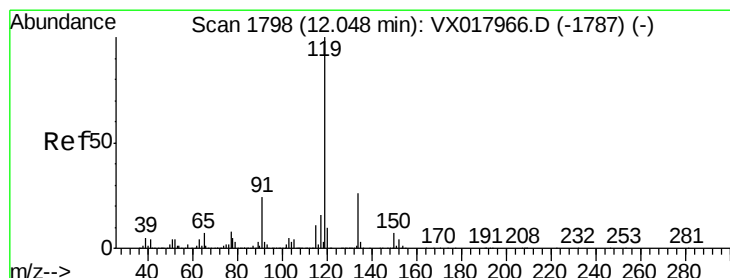
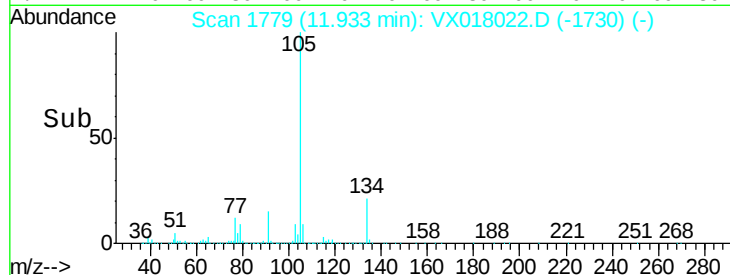
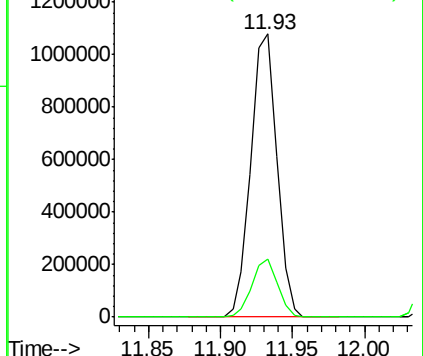
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.443 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

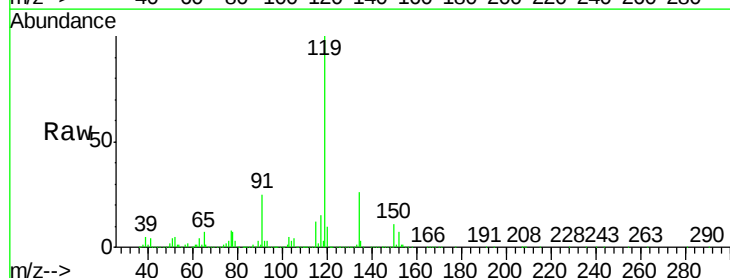
Tgt Ion:119 Resp: 1281678

Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.0

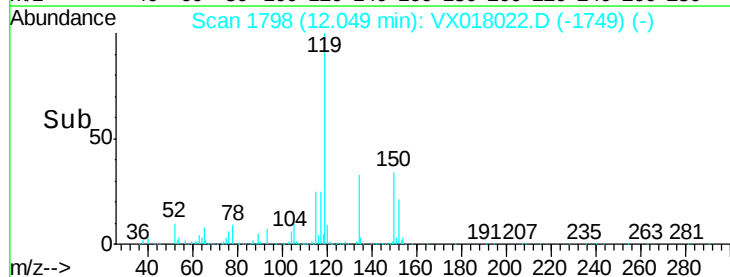
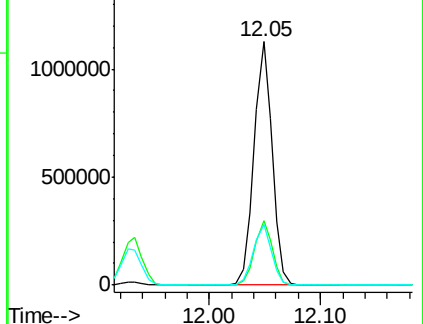
91 24.7 12.2 36.4

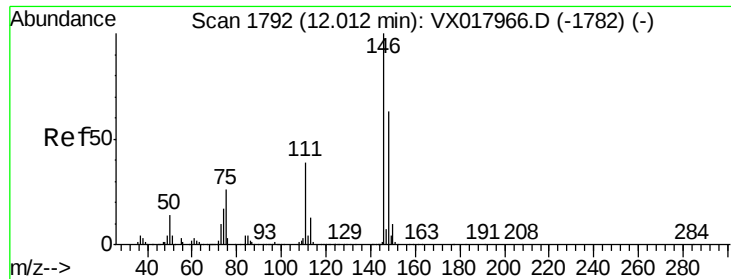


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.113 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Instrument :

MSVOA_X

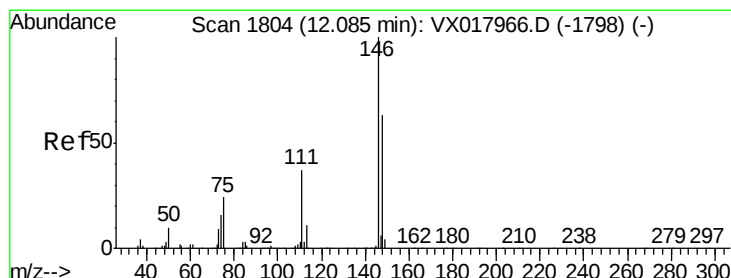
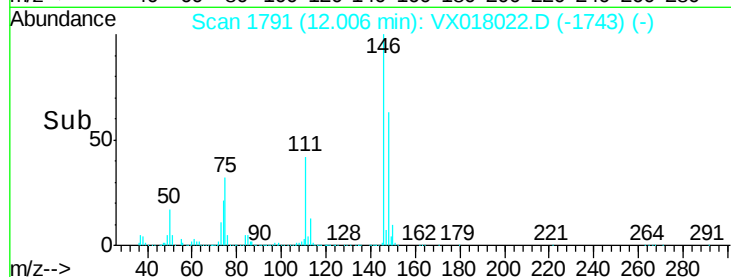
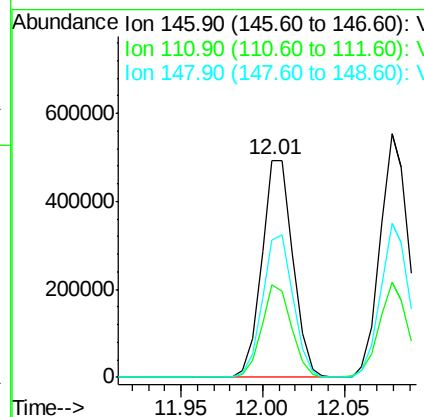
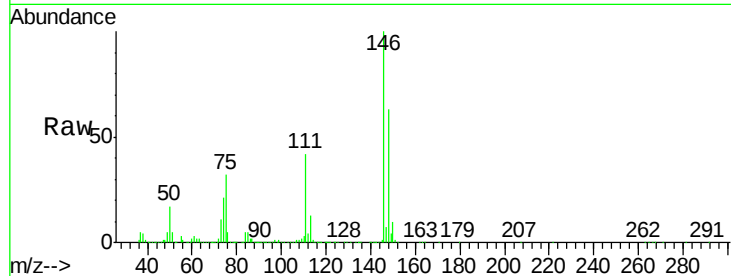
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	651949
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.1	60.3
148	64.5	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.904 ug/l

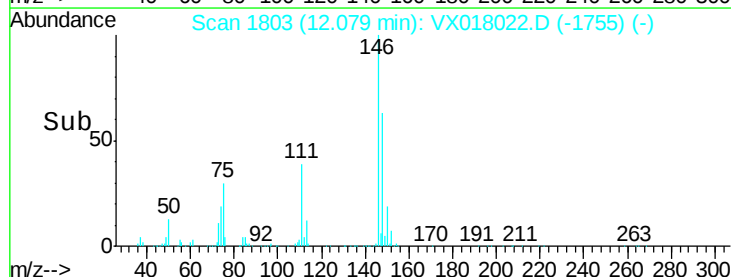
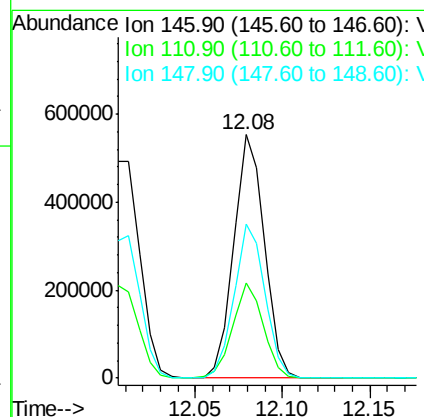
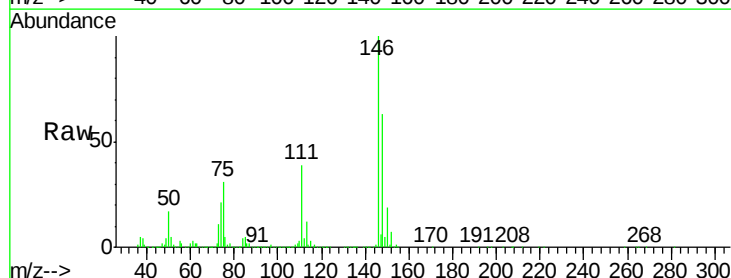
RT: 12.08 min Scan# 1803

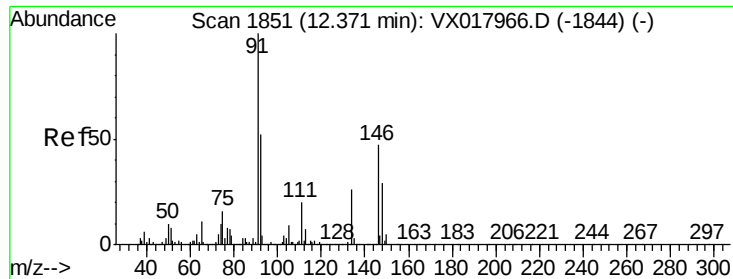
Delta R.T. -0.01 min

Lab File: VX018022.D

Acq: 20 Aug 2020 09:24

Tgt Ion:	146	Resp:	674281
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.7	59.1
148	63.3	31.9	95.7





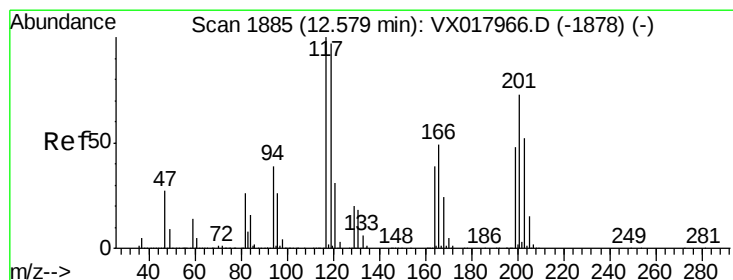
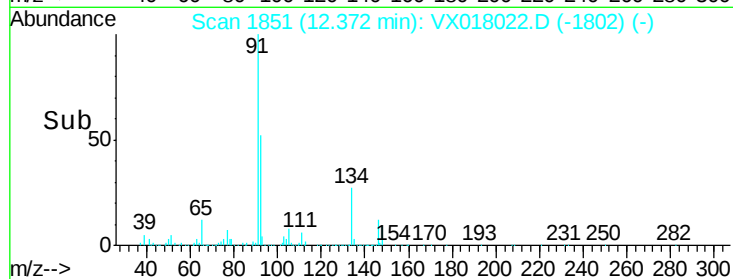
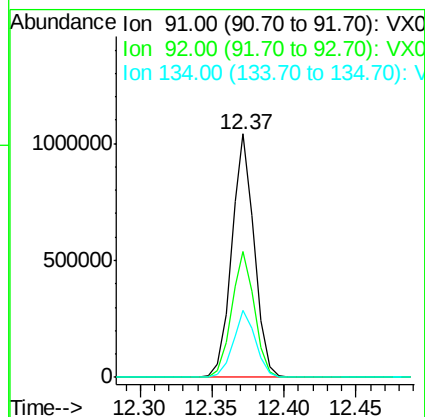
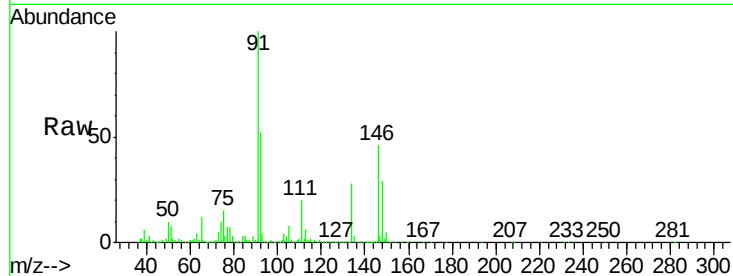
#89
n-Butylbenzene
Concen: 57.393 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.7	77.0
134	27.3	13.4	40.2

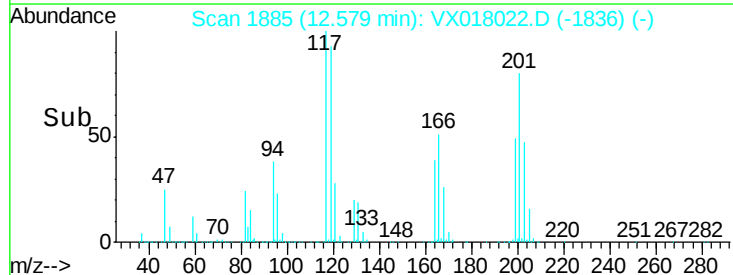
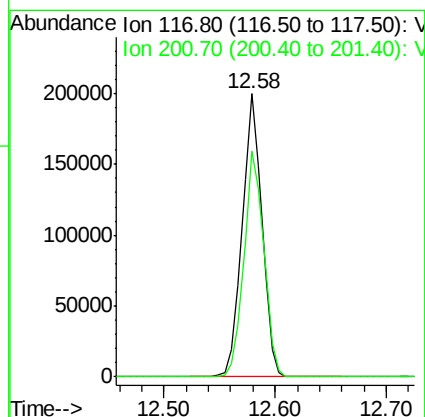
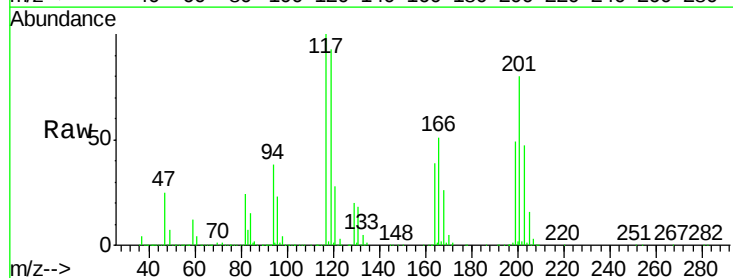
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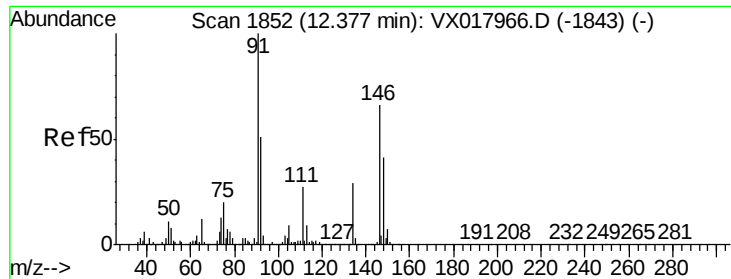
MMDadoda
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#90
Hexachloroethane
Concen: 51.376 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.5	40.8	122.2





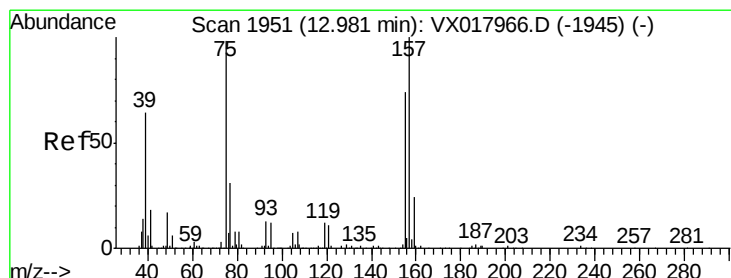
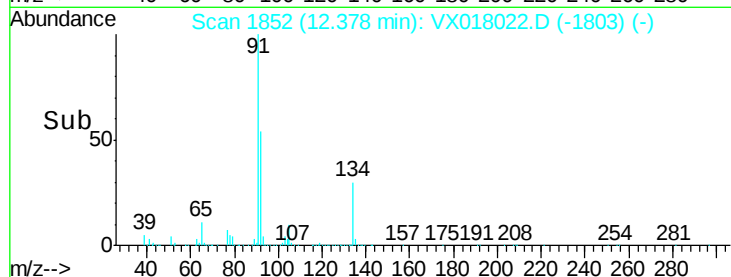
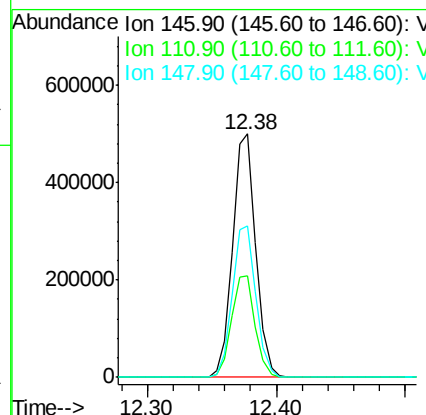
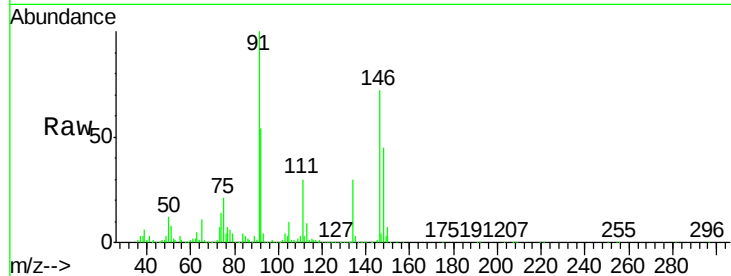
#91
 1,2-Dichlorobenzene
 Concen: 52.617 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.6	61.9
148	63.2	31.2	93.6

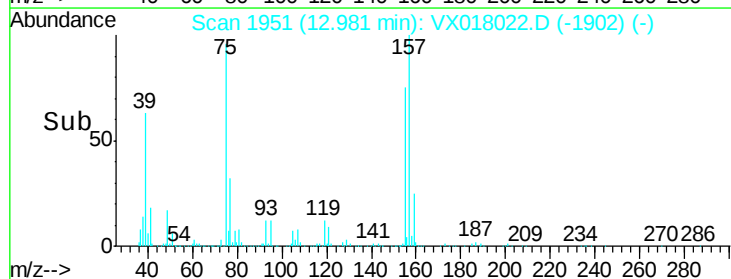
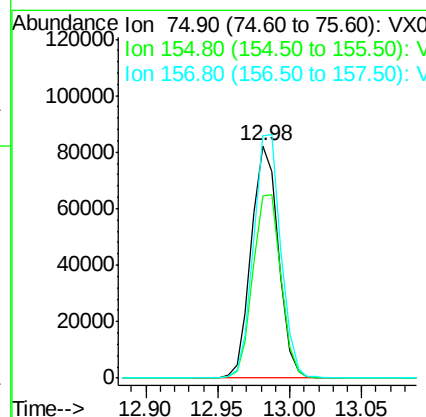
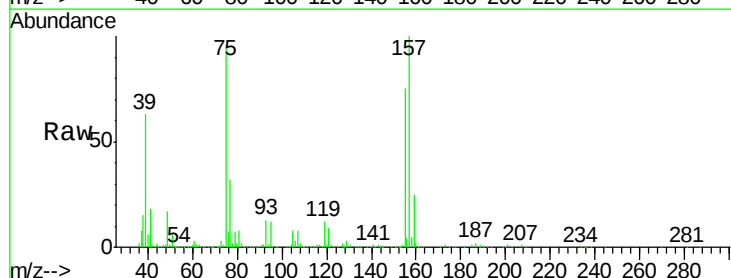
Manual Integrations
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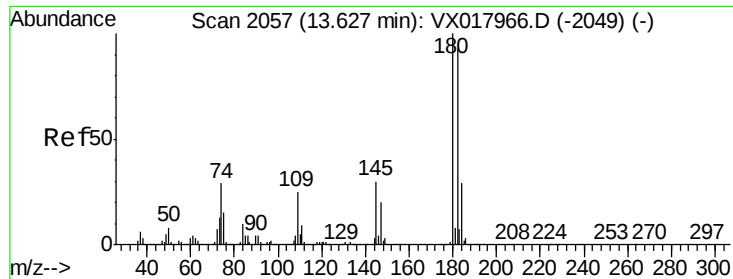
MMDadoda
 8/21/2020 10:51:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.616 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	40.5	121.5
157	105.1	54.4	163.2





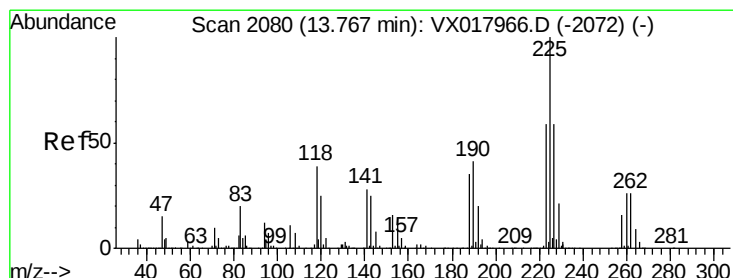
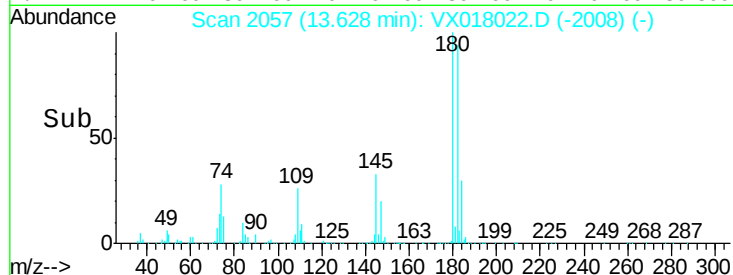
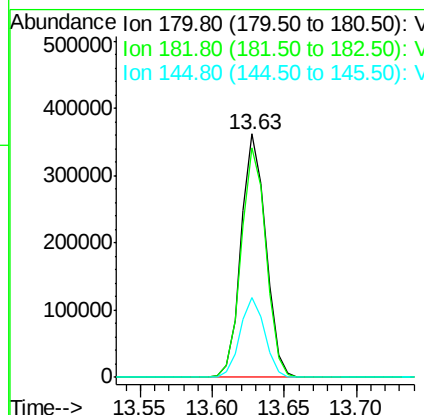
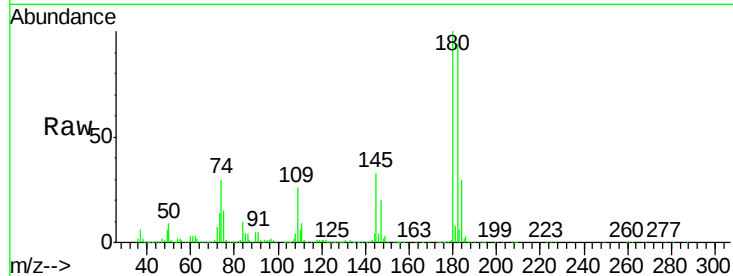
#93
 1,2,4-Trichlorobenzene
 Concen: 54.791 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	432887		
182	94.4	48.8	146.4	
145	32.5	16.0	48.0	

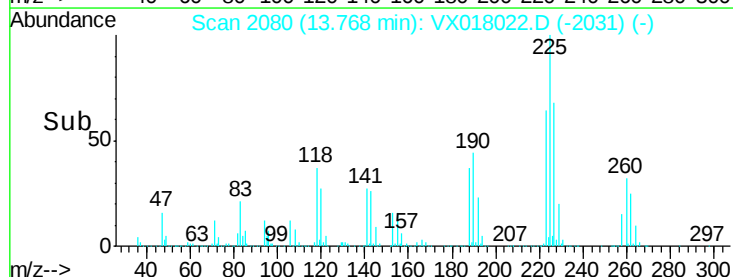
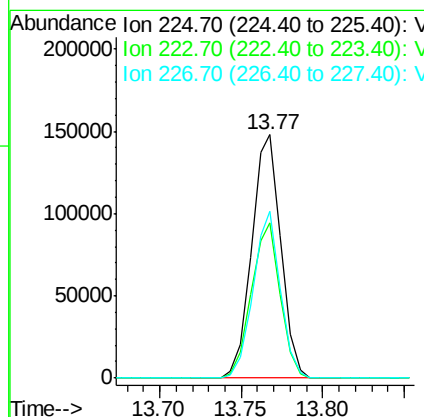
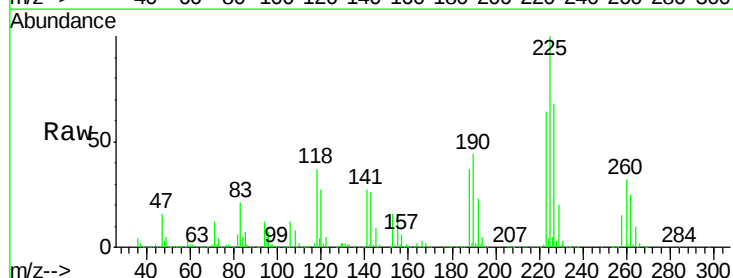
Manual Integrations
 APPROVED

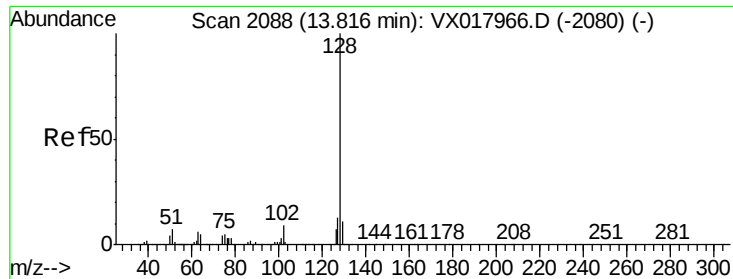
MMDadoda
 8/21/2020 10:51:00 AM



#94
 Hexachlorobutadiene
 Concen: 54.600 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018022.D
 Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	184096		
223	63.2	32.1	96.3	
227	64.0	29.8	89.5	





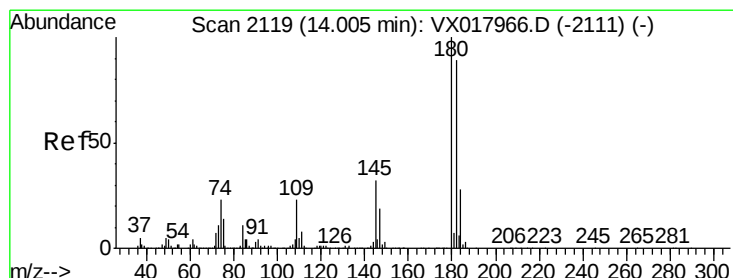
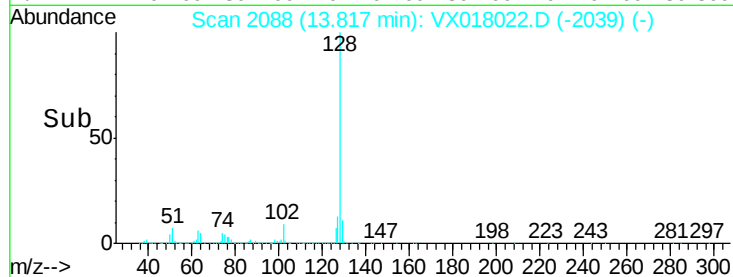
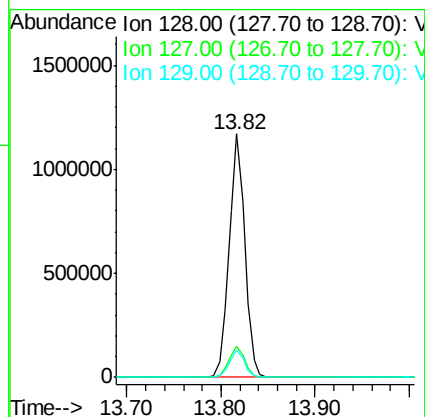
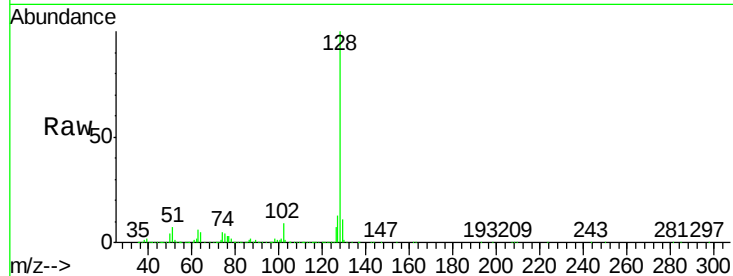
#95
Naphthalene
Concen: 54.153 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/21/2020 10:51:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.858 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018022.D
Acq: 20 Aug 2020 09:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.6	139.8
145	33.7	16.8	50.4

