

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031720\
 Data File : VX015309.D
 Acq On : 17 Mar 2020 08:44
 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
 3/18/2020 4:16:46 PM

Quant Time: Mar 18 01:44:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	320459	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	468386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	434462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	238513	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	166795	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
35) Dibromofluoromethane	5.48	113	143309	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.71	98	552941	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	202400	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	122571	43.679	ug/l	100
3) Chloromethane	1.32	50	163636	41.166	ug/l	100
4) Vinyl Chloride	1.40	62	171780	42.618	ug/l	97
5) Bromomethane	1.63	94	100869	40.706	ug/l	99
6) Chloroethane	1.72	64	106475	44.037	ug/l	99
7) Trichlorofluoromethane	1.92	101	219647	45.798	ug/l	97
8) Diethyl Ether	2.18	74	96576	44.458	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	144647	47.937	ug/l	99
10) Methyl Iodide	2.50	142	149020	43.713	ug/l	99
11) Tert butyl alcohol	3.03	59	137321	208.183	ug/l	98
12) 1,1-Dichloroethene	2.36	96	137282	44.083	ug/l	99
13) Acrolein	2.28	56	140717	227.006	ug/l	99
14) Allyl chloride	2.72	41	266000	48.987	ug/l	94
15) Acrylonitrile	3.12	53	392741	239.081	ug/l	99
16) Acetone	2.43	43	440785	286.285	ug/l	95
17) Carbon Disulfide	2.56	76	359592	41.579	ug/l	100
18) Methyl Acetate	2.76	43	176849	46.975	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	459152	47.183	ug/l	96
20) Methylene Chloride	2.84	84	159823	44.355	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	149709	45.023	ug/l	96
22) Diisopropyl ether	3.84	45	542611	50.157	ug/l	97
23) Vinyl Acetate	3.80	43	2180084	245.153	ug/l	100
24) 1,1-Dichloroethane	3.69	63	285602	47.567	ug/l	98
25) 2-Butanone	4.65	43	590249	261.858	ug/l	98
26) 2,2-Dichloropropane	4.57	77	221333	46.435	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	173864	46.607	ug/l	99
28) Bromochloromethane	5.00	49	139941	51.184	ug/l	94
29) Tetrahydrofuran	5.11	42	341040	234.714	ug/l	95
30) Chloroform	5.20	83	272063	46.490	ug/l	100
31) Cyclohexane	5.56	56	252976	47.236	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	226199	46.629	ug/l	98
36) 1,1-Dichloropropene	5.79	75	206193	47.619	ug/l	99
37) Ethyl Acetate	4.81	43	207022	51.542	ug/l	99
38) Carbon Tetrachloride	5.77	117	195918	47.934	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	257288	50.887	ug/l	97
40) Benzene	6.13	78	639809	49.804	ug/l	100
41) Methacrylonitrile	5.03	41	120565	49.974	ug/l	96
42) 1,2-Dichloroethane	6.18	62	210593	47.735	ug/l	100
43) Isopropyl Acetate	6.43	43	344523	48.758	ug/l	99
44) Trichloroethene	7.20	130	175093	48.940	ug/l	94
45) 1,2-Dichloropropane	7.50	63	175308	52.721	ug/l	100
46) Dibromomethane	7.65	93	104599	48.276	ug/l	99
47) Bromodichloromethane	7.89	83	217007	50.648	ug/l	98
48) Methyl methacrylate	7.76	41	175374	48.765	ug/l	98
49) 1,4-Dioxane	7.73	88	70860	911.313	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1058905	253.462	ug/l	99
52) Toluene	8.78	92	400801	51.026	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	237766	52.136	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	270114	52.392	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	163446	50.555	ug/l	98
56) Ethyl methacrylate	9.17	69	245146	53.160	ug/l	97
57) 1,3-Dichloropropane	9.36	76	276964	50.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	642001	255.549	ug/l	100
59) 2-Hexanone	9.48	43	847491	273.693	ug/l	99
60) Dibromochloromethane	9.57	129	173483	51.082	ug/l	100
61) 1,2-Dibromoethane	9.67	107	162941	47.983	ug/l	98
64) Tetrachloroethene	9.33	164	182881	50.911	ug/l	99
65) Chlorobenzene	10.13	112	434189	49.778	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	161843	49.207	ug/l	99
67) Ethyl Benzene	10.25	91	762976	51.512	ug/l	100
68) m/p-Xylenes	10.36	106	591305	104.929	ug/l	100
69) o-Xylene	10.69	106	280639	52.014	ug/l	99
70) Styrene	10.71	104	497063	53.730	ug/l	99
71) Bromoform	10.85	173	128106	50.228	ug/l #	99
73) Isopropylbenzene	11.01	105	763410	50.104	ug/l	99
74) N-amyl acetate	10.89	43	312150	48.613	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	231739	45.638	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	197069m	41.422	ug/l	
77) Bromobenzene	11.25	156	196533	46.285	ug/l	98
78) n-propylbenzene	11.35	91	899664	51.684	ug/l	99
79) 2-Chlorotoluene	11.42	91	516510	49.686	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	642960	50.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78417	46.777	ug/l	99
82) 4-Chlorotoluene	11.50	91	607423	49.458	ug/l	100
83) tert-Butylbenzene	11.76	119	604289	49.273	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	652616	51.217	ug/l	100
85) sec-Butylbenzene	11.94	105	763189	51.549	ug/l	100
86) p-Isopropyltoluene	12.06	119	709029	51.981	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	363957	48.758	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	366092	47.504	ug/l	99
89) n-Butylbenzene	12.38	91	638619	52.641	ug/l	100
90) Hexachloroethane	12.59	117	123142	47.753	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	361307	48.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46365	45.599	ug/l	96

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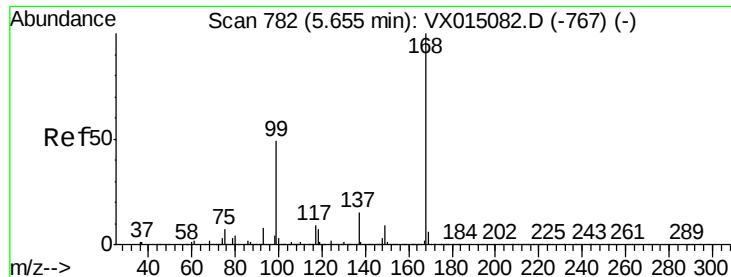
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	267702	51.966	ug/l	99
94) Hexachlorobutadiene	13.78	225	131529	49.757	ug/l	97
95) Naphthalene	13.83	128	720068	45.734	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	269124	52.361	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 320459

Ion Ratio Lower Upper

168 100

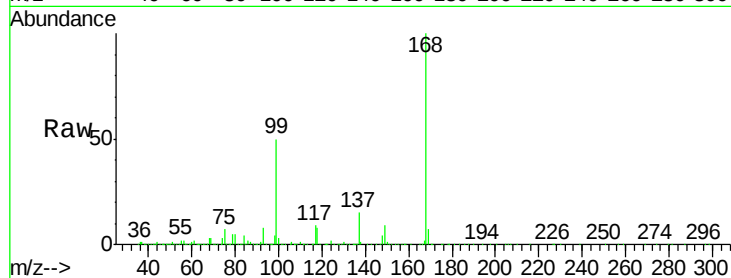
99 49.6 39.4 59.2

Manual Integrations

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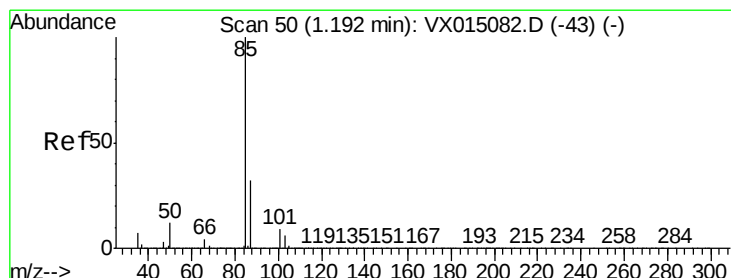
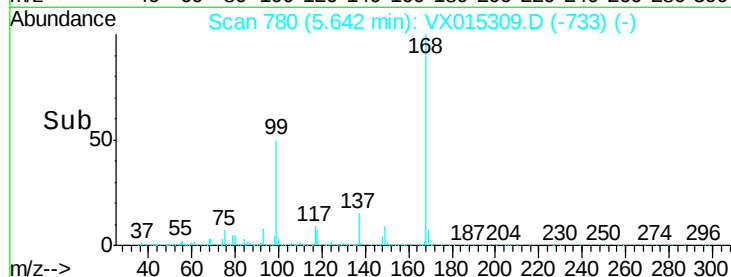
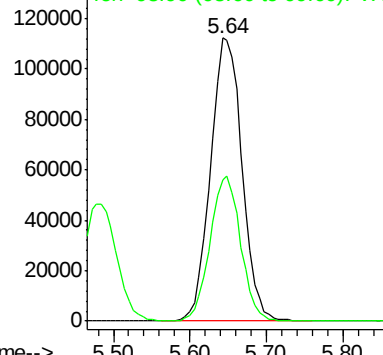
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.679 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015309.D

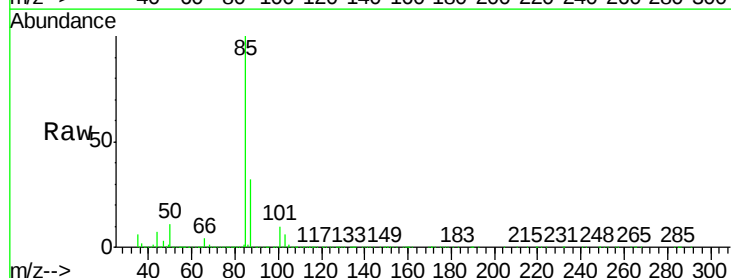
Acq: 17 Mar 2020 08:44

Tgt Ion: 85 Resp: 122571

Ion Ratio Lower Upper

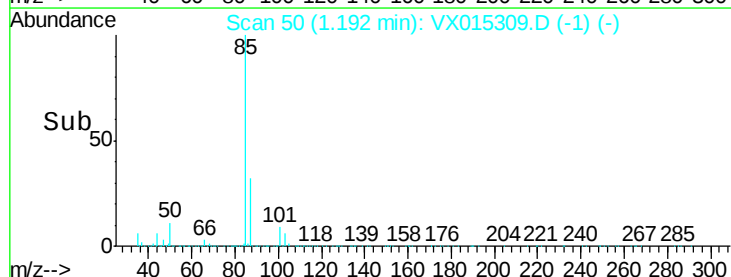
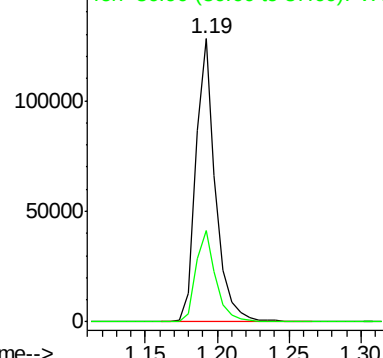
85 100

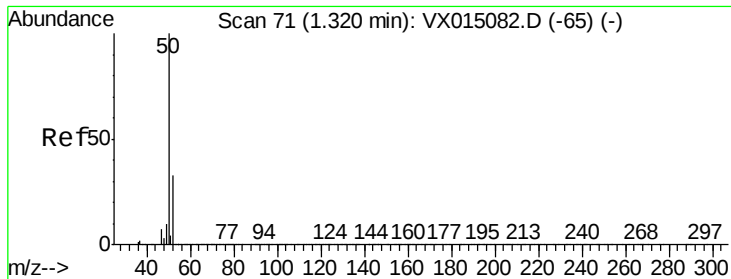
87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.166 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 163636

Ion Ratio Lower Upper

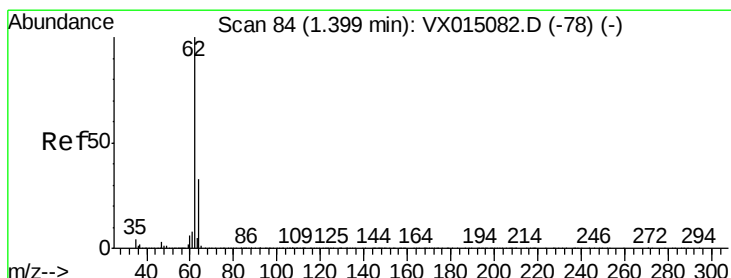
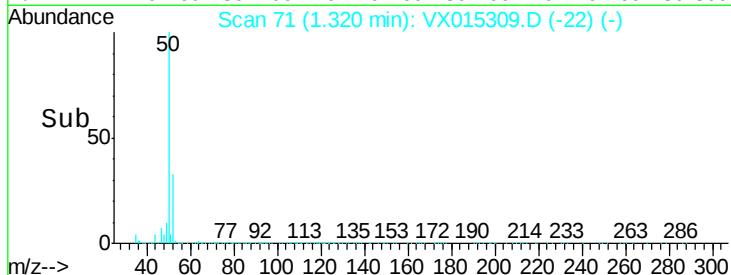
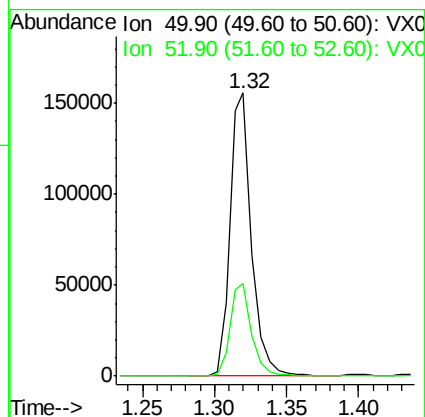
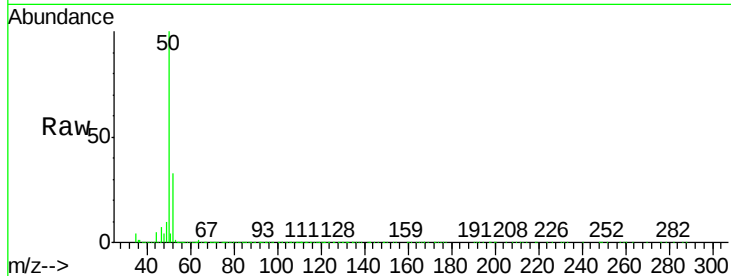
50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 42.618 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015309.D

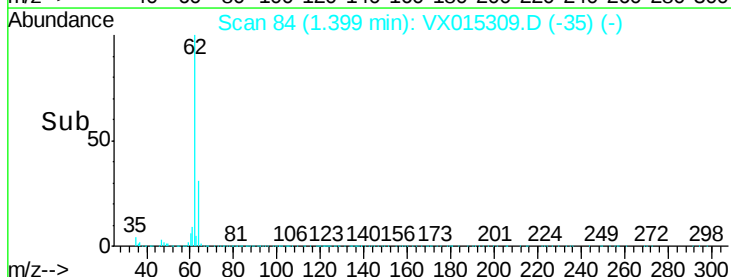
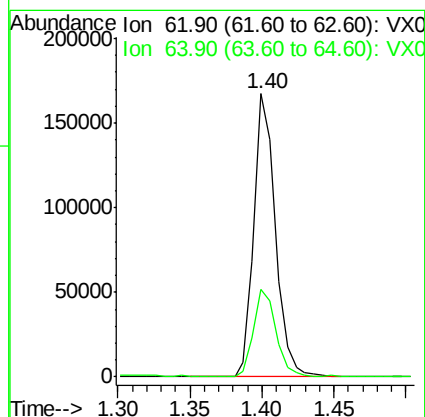
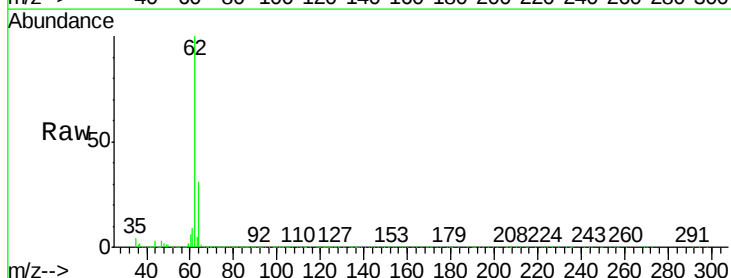
Acq: 17 Mar 2020 08:44

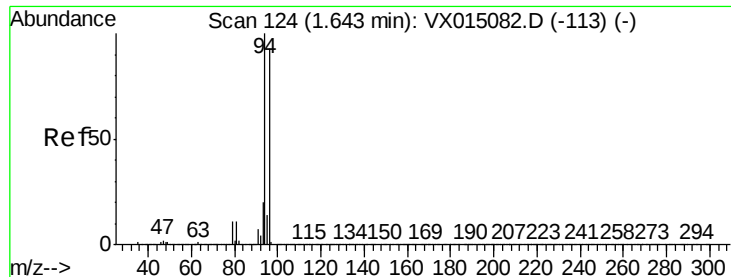
Tgt Ion: 62 Resp: 171780

Ion Ratio Lower Upper

62 100

64 30.9 26.1 39.1





#5

Bromomethane

Concen: 40.706 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 100869

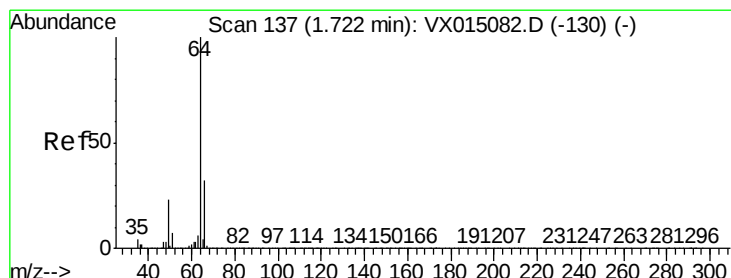
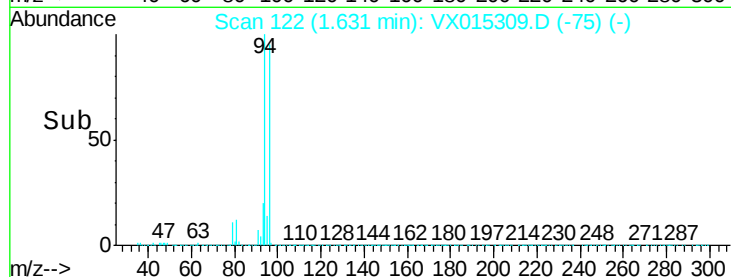
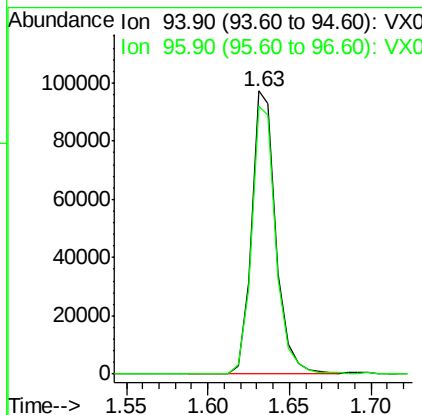
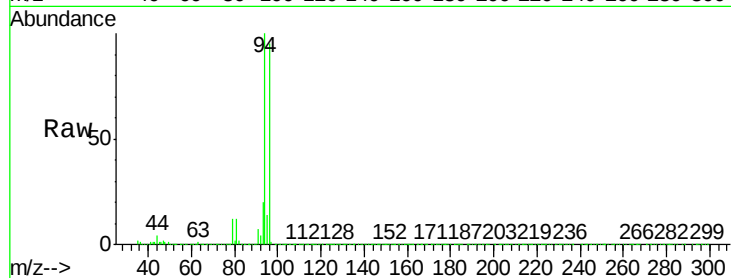
Ion Ratio Lower Upper

94 100

96 94.6 74.6 111.8

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#6

Chloroethane

Concen: 44.037 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015309.D

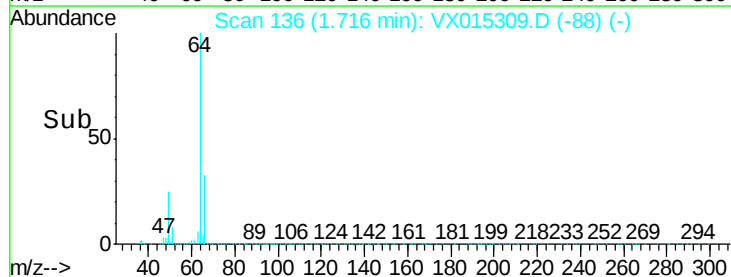
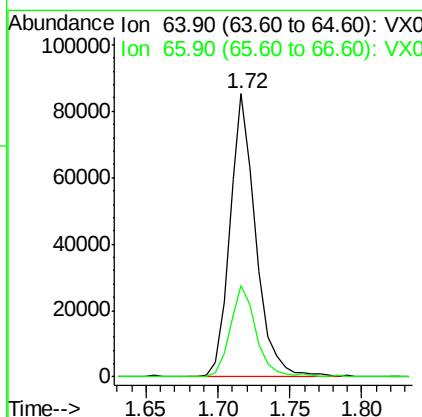
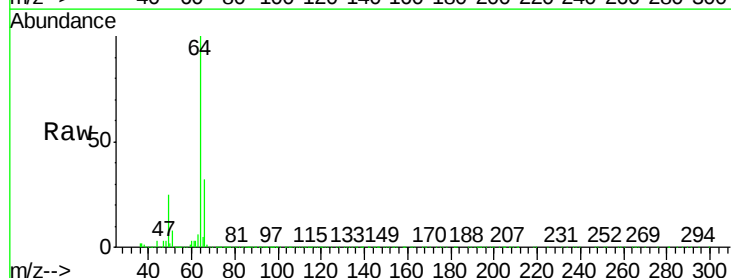
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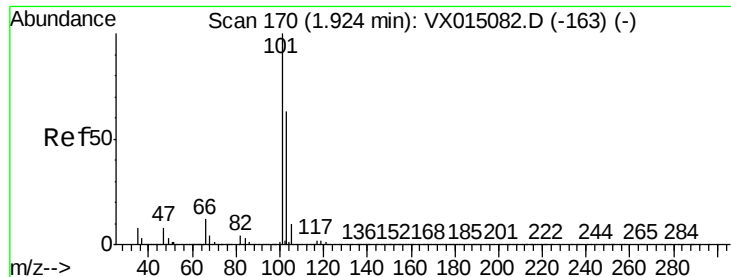
Tgt Ion: 64 Resp: 106475

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8





#7

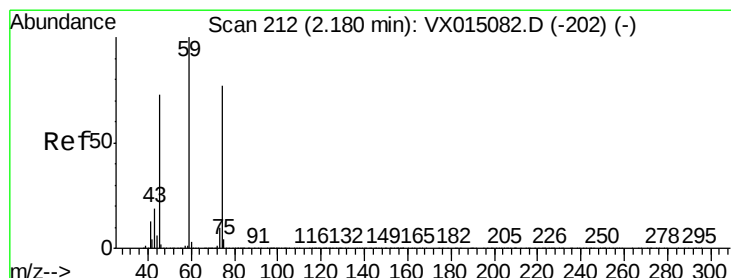
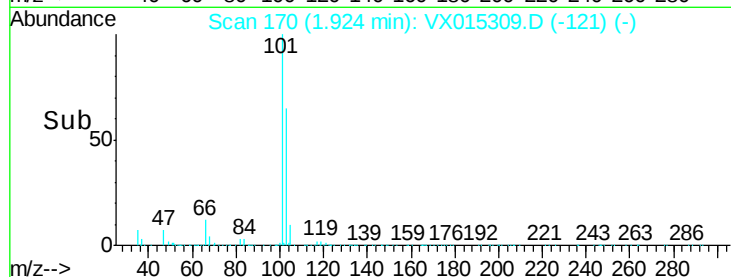
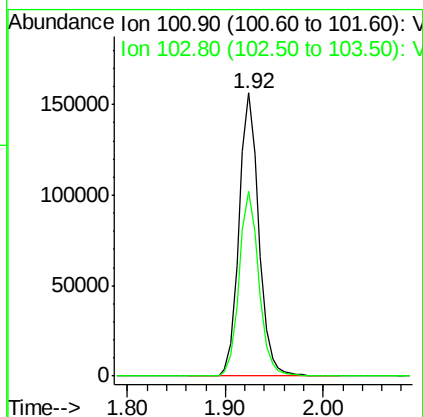
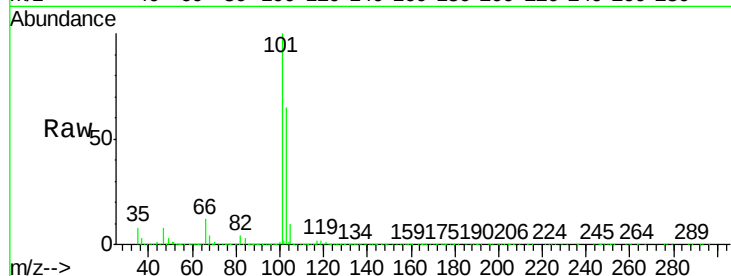
Trichlorofluoromethane
Concen: 45.798 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	50.4	75.6

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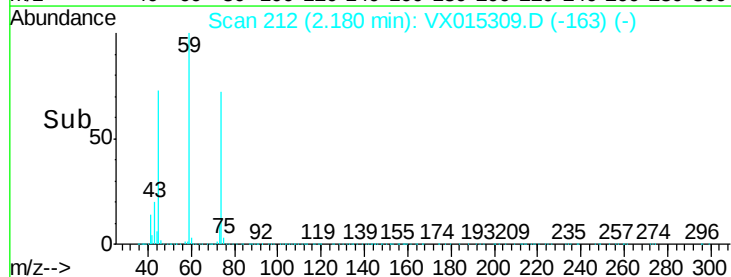
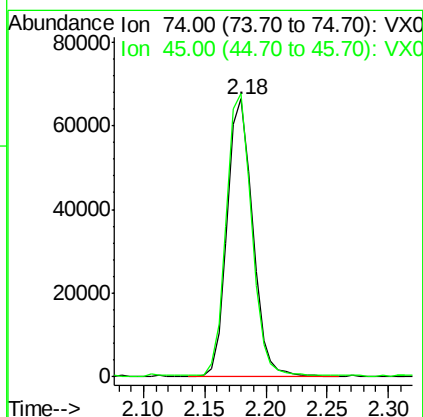
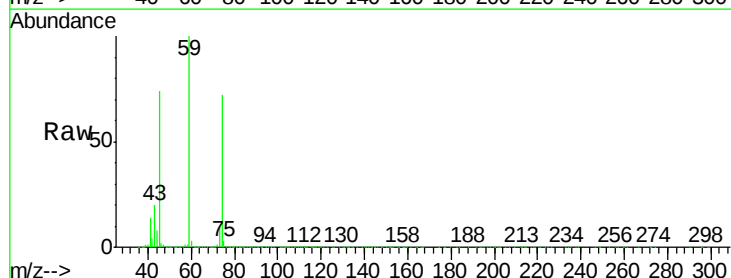
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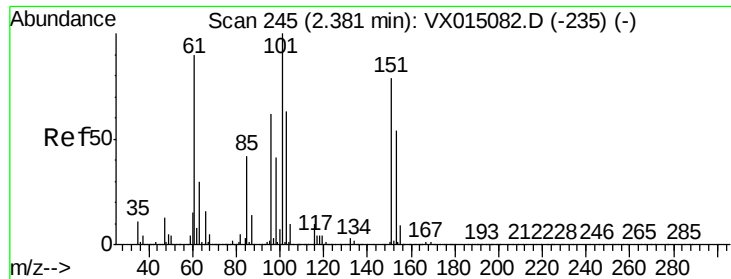


#8

Diethyl Ether
Concen: 44.458 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.937 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

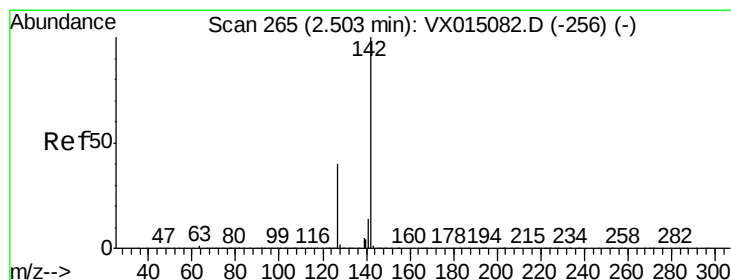
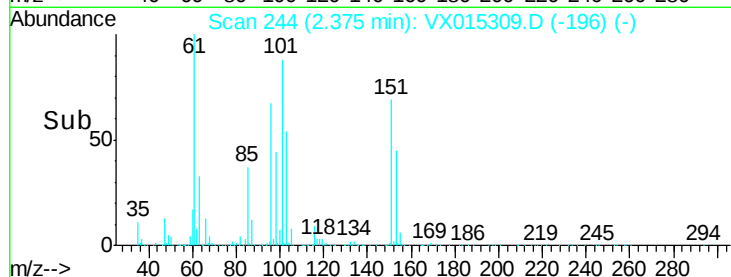
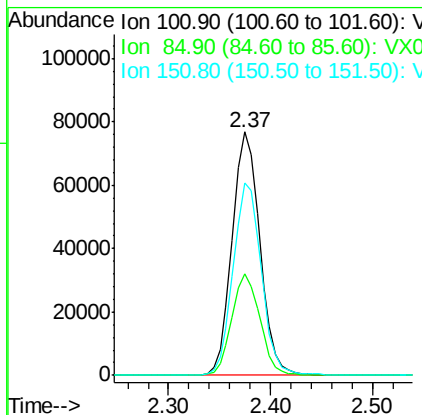
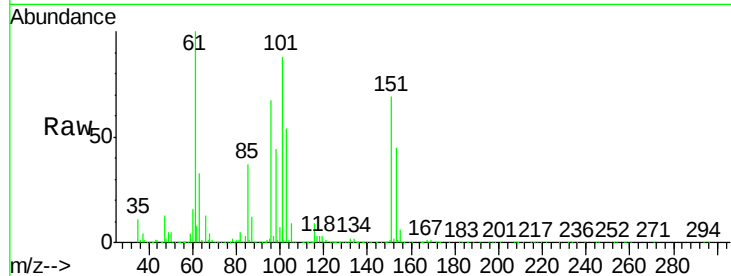
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	144647
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.7	50.5
151	80.7	64.0	96.0

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#10

Methyl Iodide

Concen: 43.713 ug/l

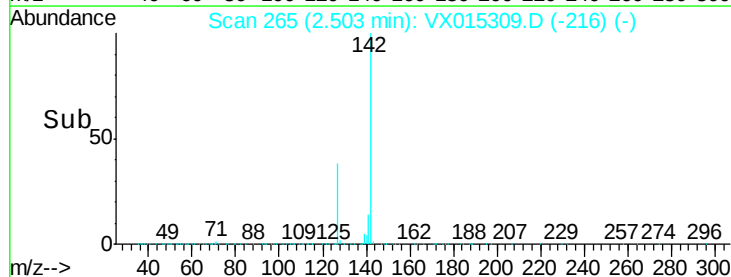
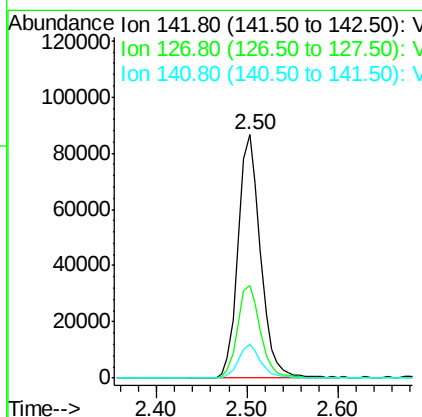
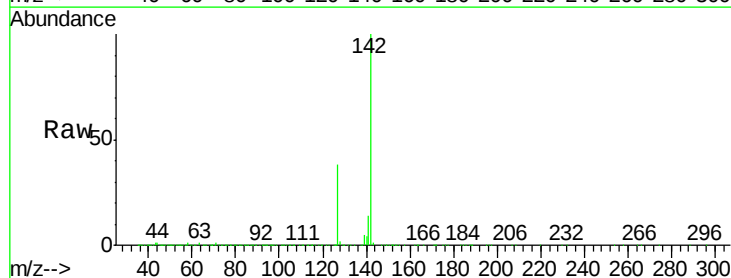
RT: 2.50 min Scan# 265

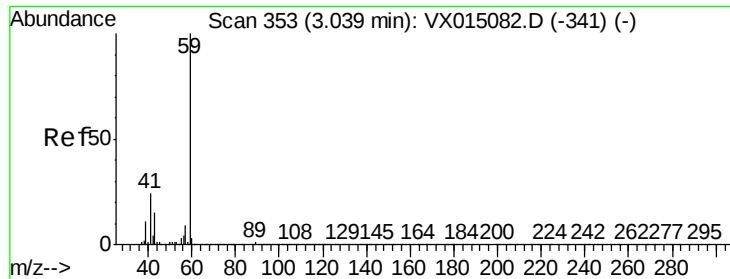
Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion:	142	Resp:	149020
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.7	47.5
141	14.1	11.3	16.9





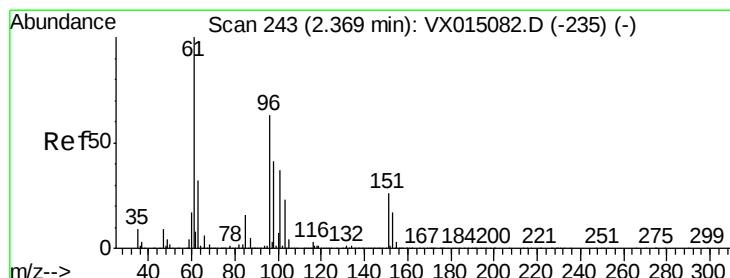
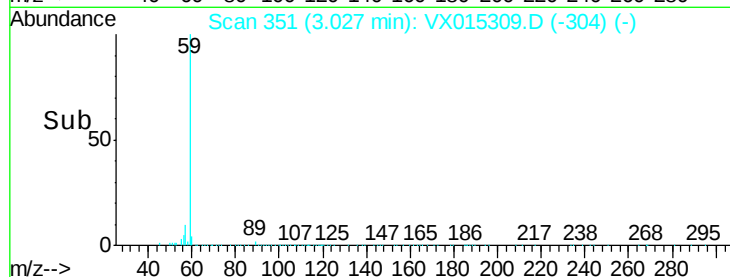
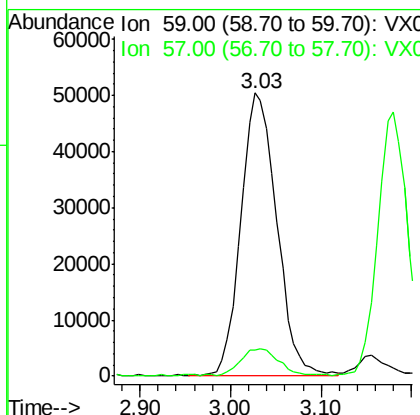
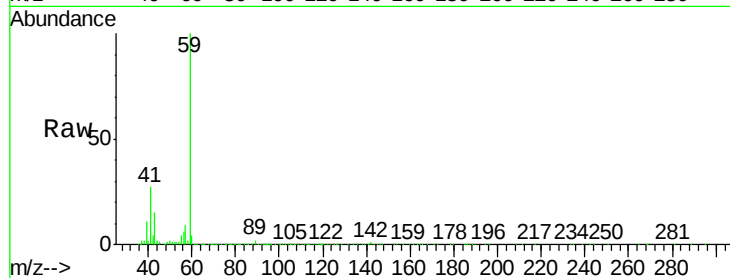
#11
Tert butyl alcohol
Concen: 208.183 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.4

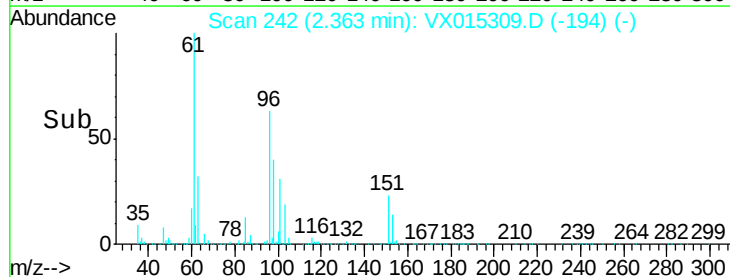
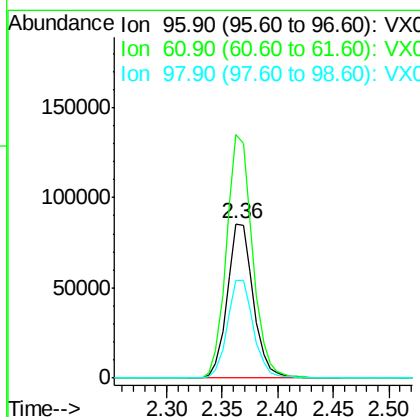
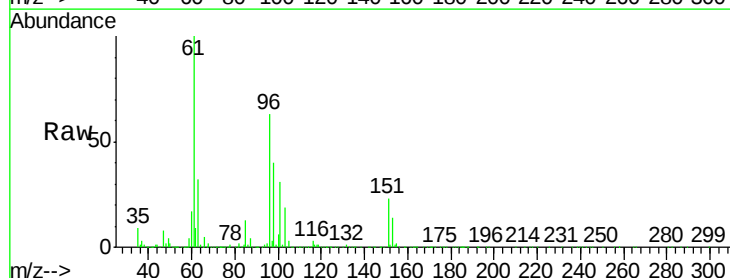
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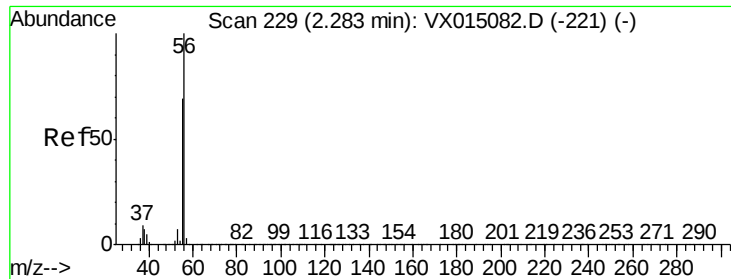
MMDadoda
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#12
1,1-Dichloroethene
Concen: 44.083 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	126.2	189.4
98	63.0	51.4	77.0





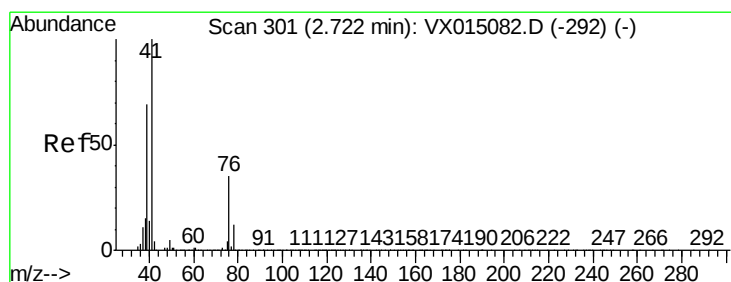
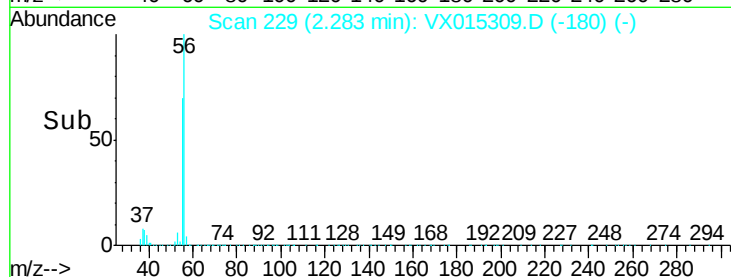
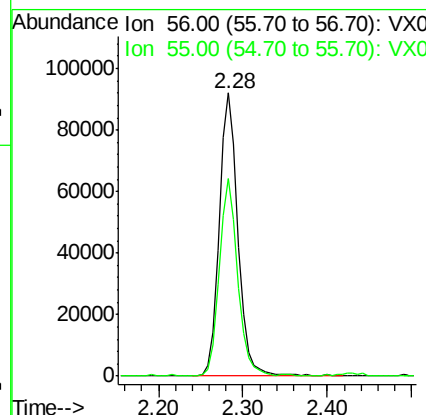
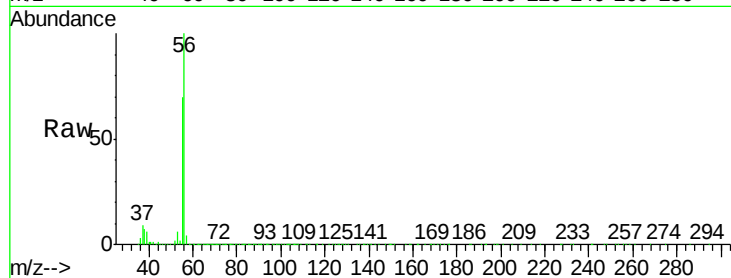
#13
Acrolein
Concen: 227.006 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.0	55.4	83.0

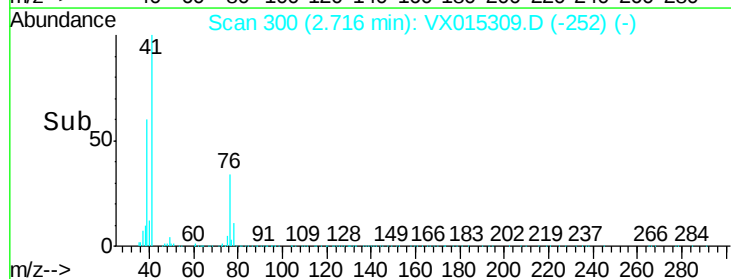
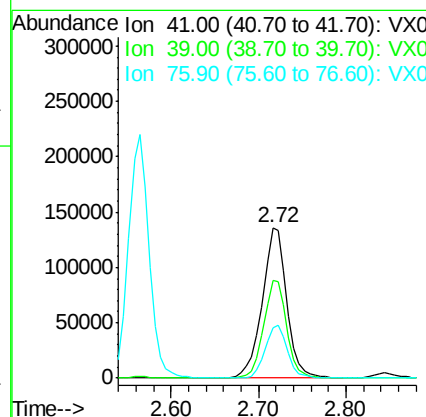
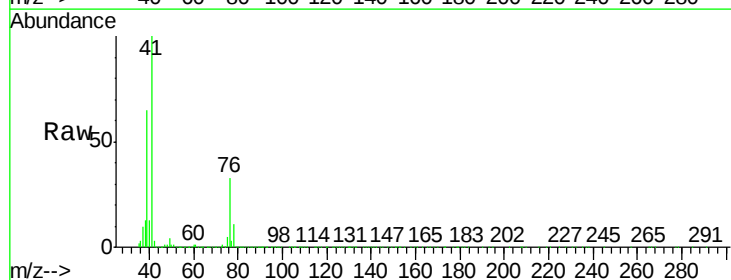
Manual Integrations
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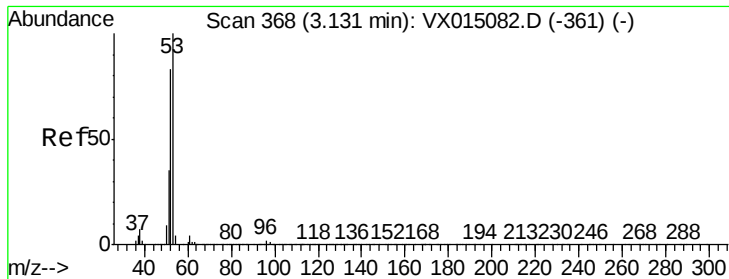
MMDadoda
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#14
Allyl chloride
Concen: 48.987 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.4	52.9	79.3
76	31.6	26.8	40.2





#15

Acrylonitrile

Concen: 239.081 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

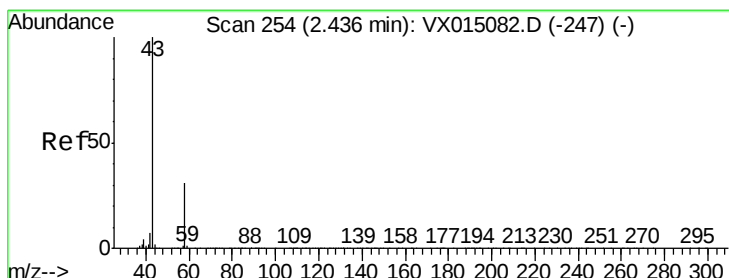
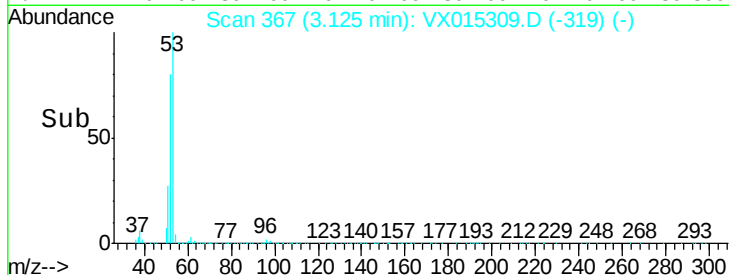
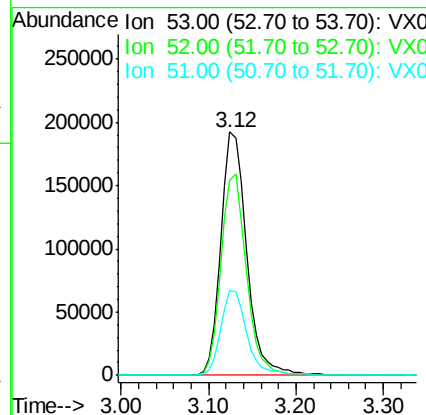
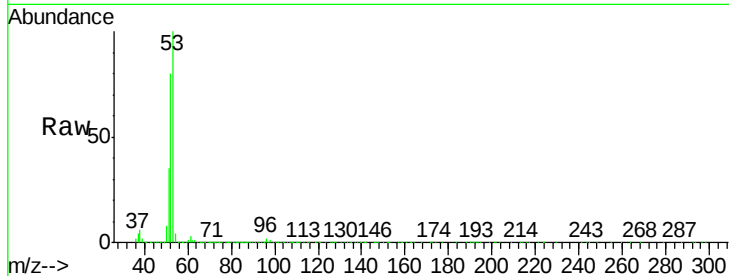
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	392741
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.6	100.0
51	35.3	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 286.285 ug/l

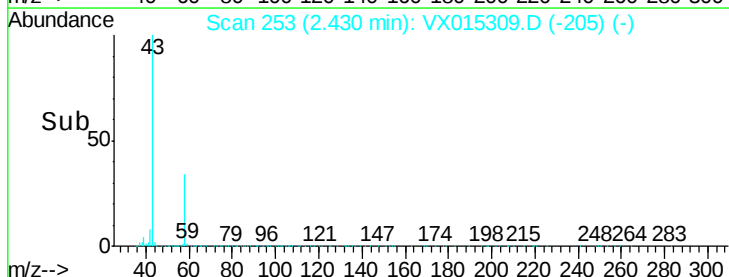
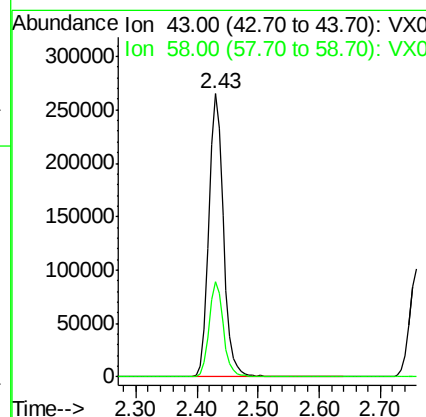
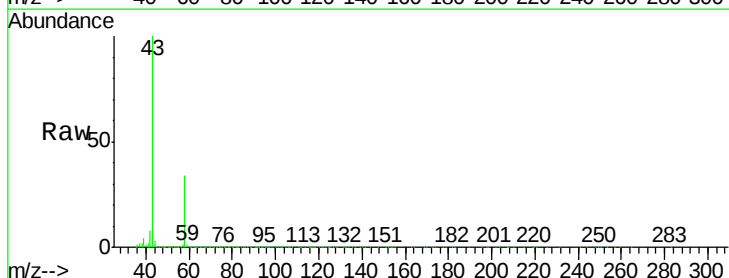
RT: 2.43 min Scan# 253

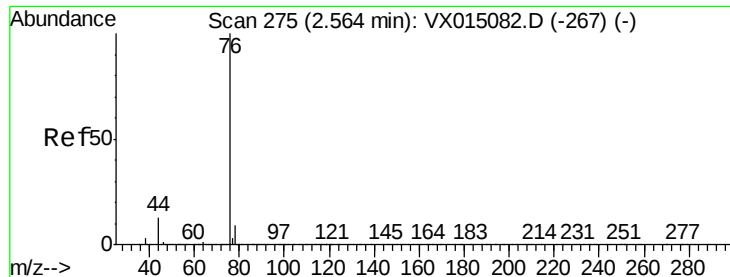
Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion:	43	Resp:	440785
Ion Ratio	Lower	Upper	
43	100		
58	33.8	24.8	37.2





#17

Carbon Disulfide

Concen: 41.579 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 359592

Ion Ratio Lower Upper

76 100

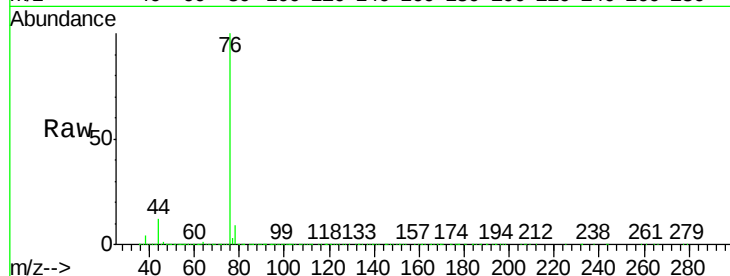
78 9.1 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

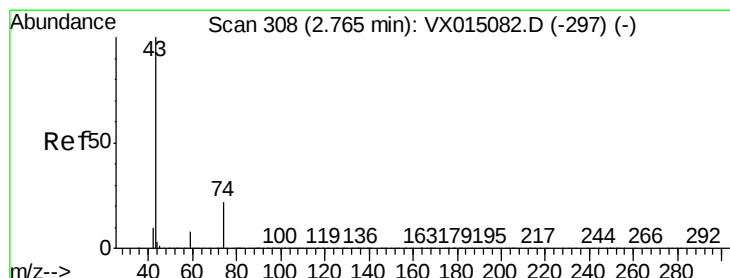
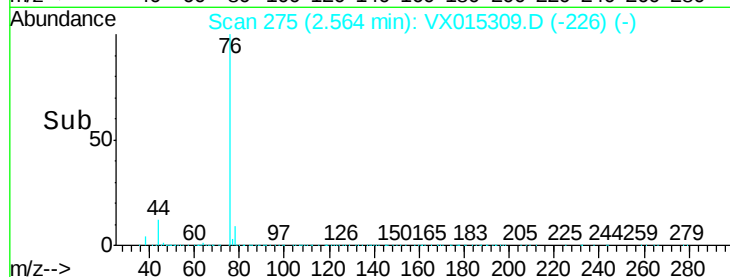
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 46.975 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015309.D

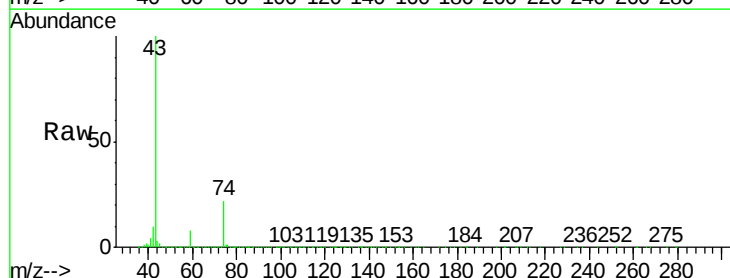
Acq: 17 Mar 2020 08:44

Tgt Ion: 43 Resp: 176849

Ion Ratio Lower Upper

43 100

74 23.1 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

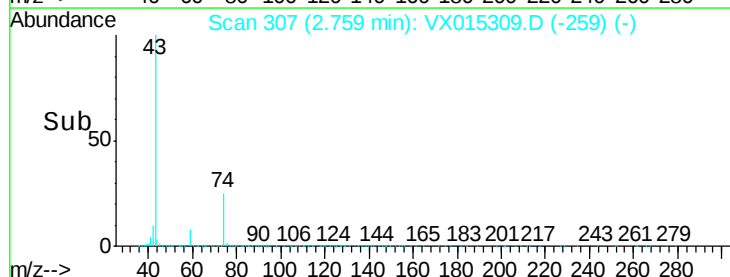
40000

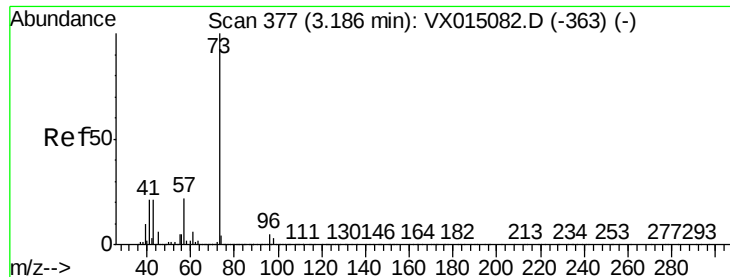
20000

0

2.65 2.70 2.75 2.80 2.85

Time-->





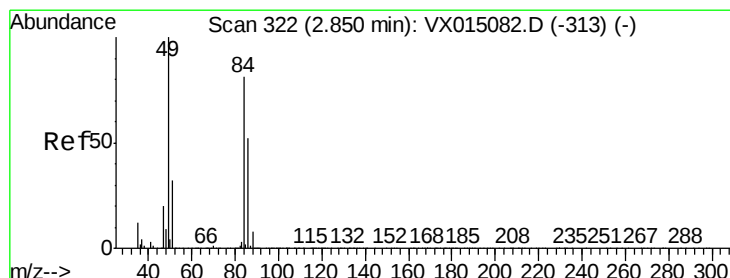
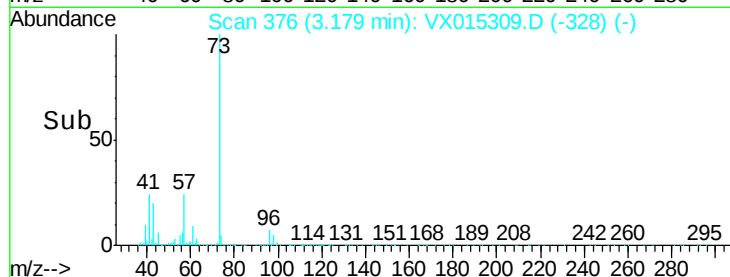
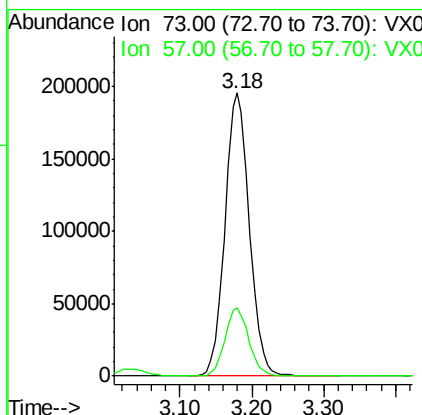
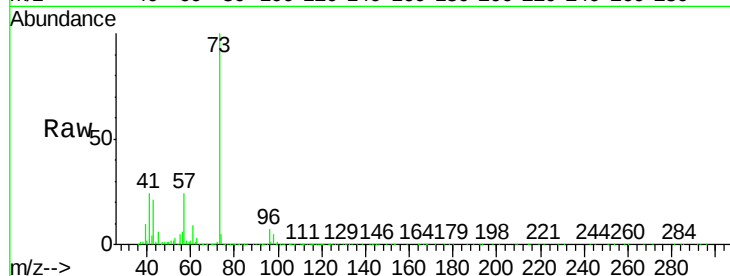
#19
Methyl tert-butyl Ether
Concen: 47.183 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	17.8	26.6

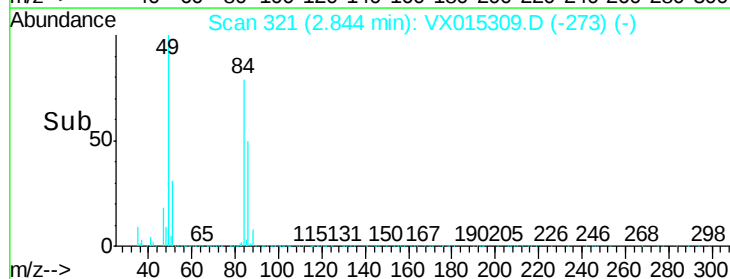
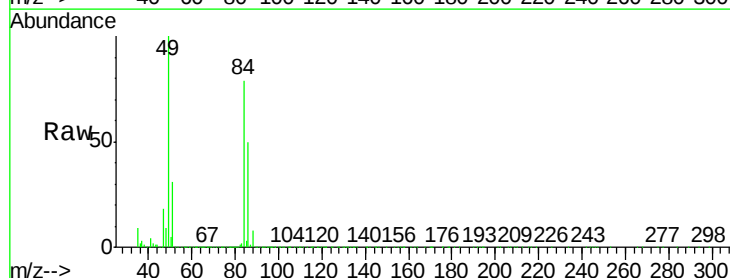
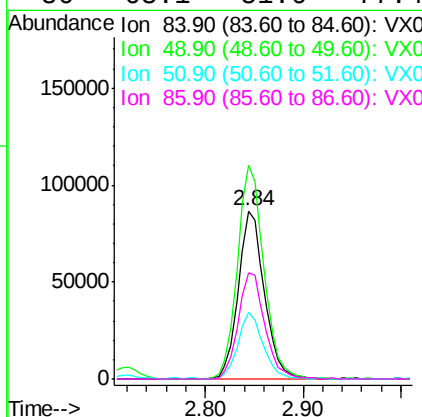
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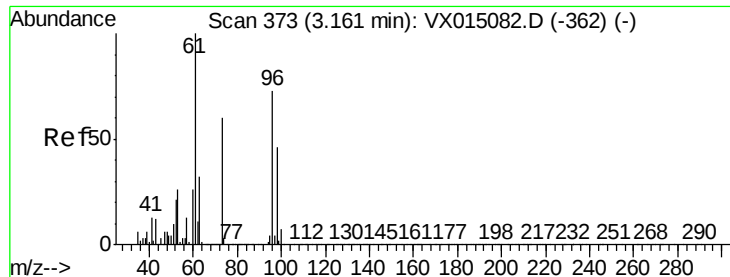
MMDadoda
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#20
Methylene Chloride
Concen: 44.355 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.9	99.4	149.2
51	39.0	31.5	47.3
86	63.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 45.023 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

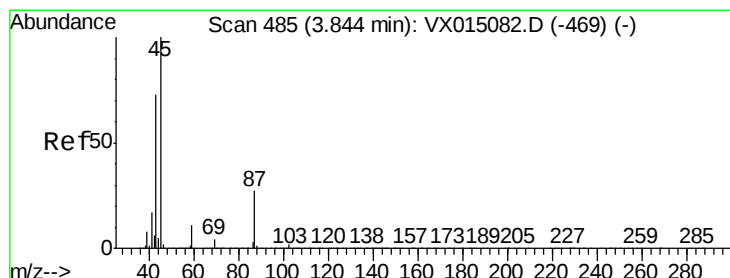
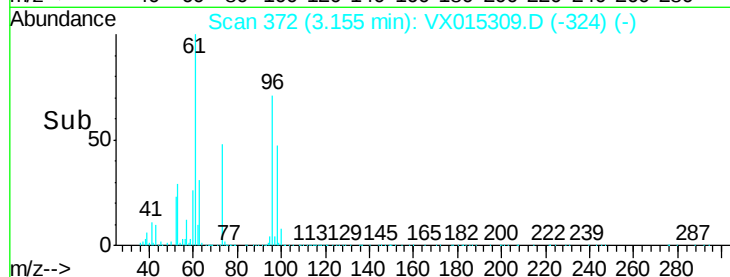
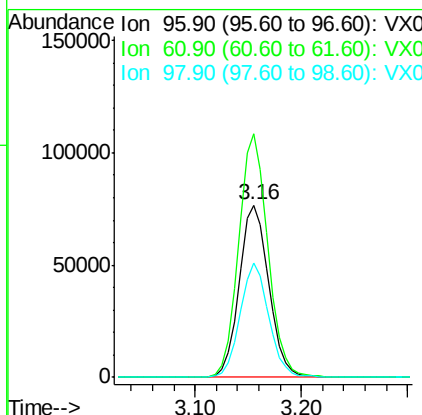
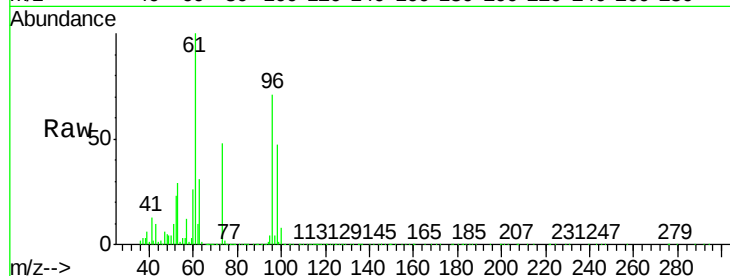
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	149709
Ion	Ratio	Lower	Upper
96	100		
61	141.6	109.9	164.9
98	66.5	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.157 ug/l

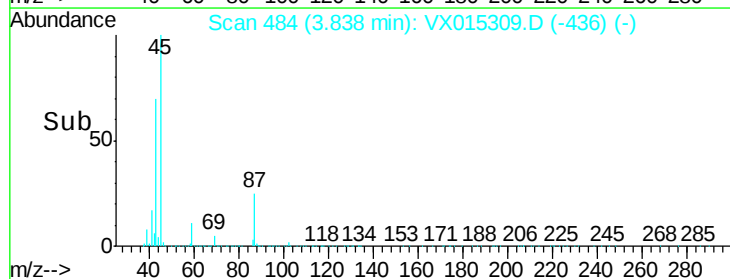
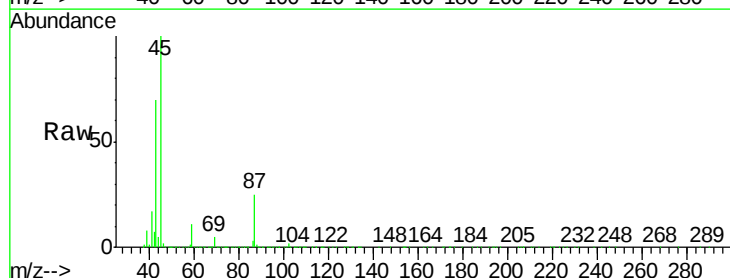
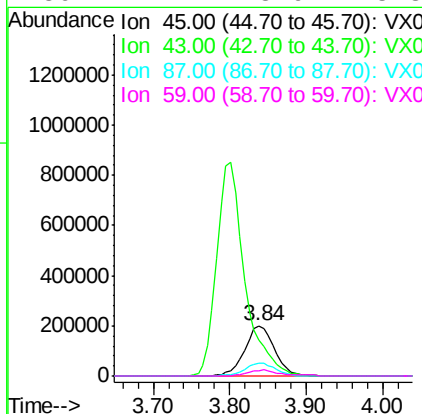
RT: 3.84 min Scan# 484

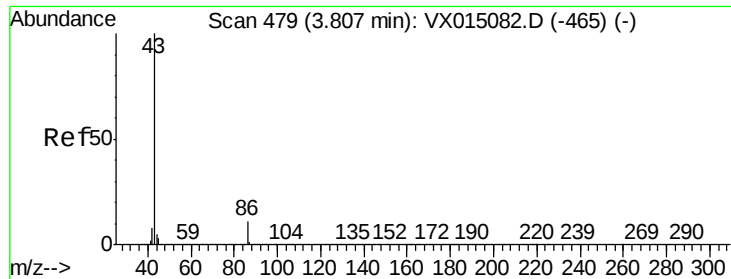
Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion:	45	Resp:	542611
Ion	Ratio	Lower	Upper
45	100		
43	69.9	58.2	87.2
87	25.3	21.2	31.8
59	11.2	8.9	13.3





#23

Vinyl Acetate

Concen: 245.153 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2180084

Ion Ratio Lower Upper

43 100

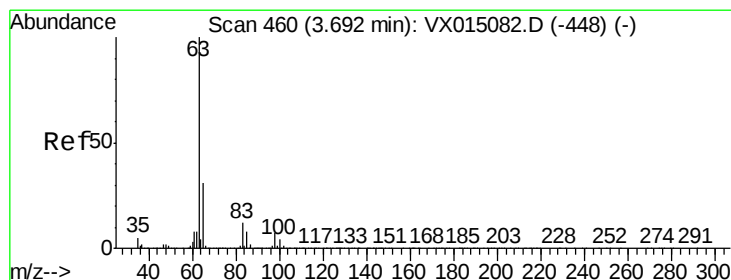
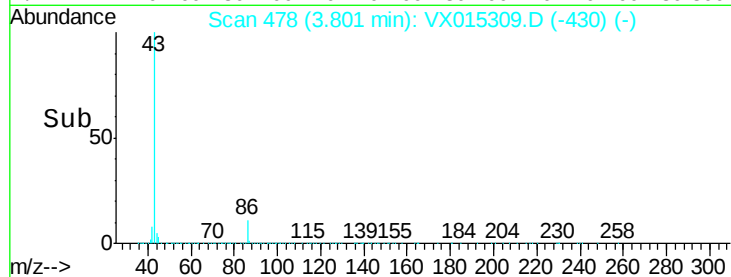
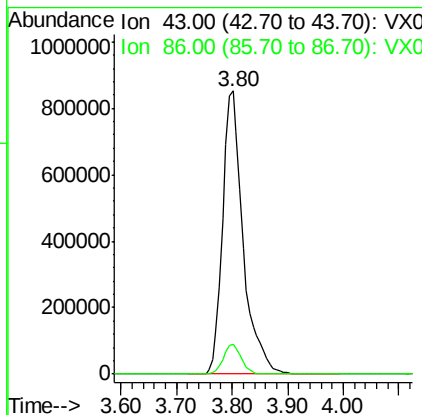
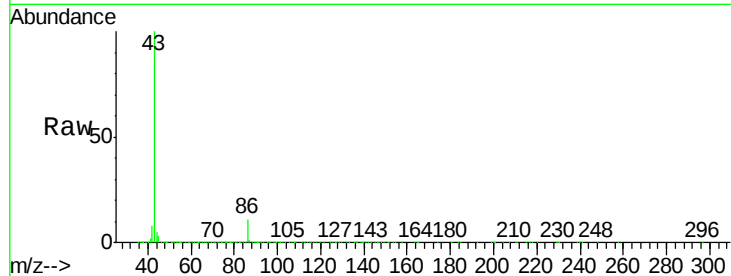
86 10.6 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.567 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

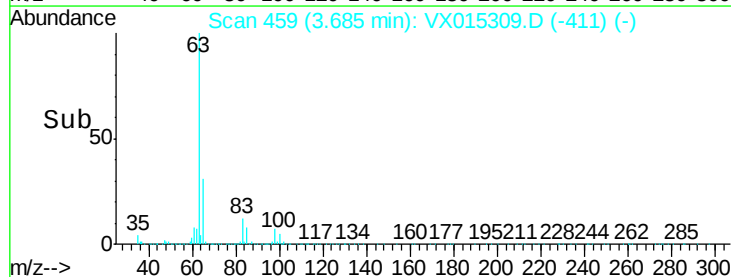
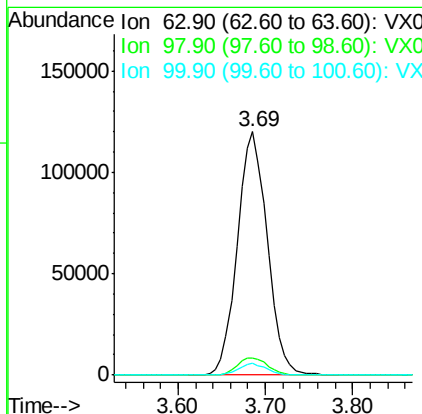
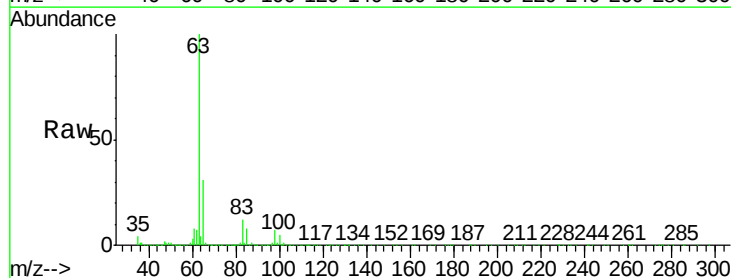
Tgt Ion: 63 Resp: 285602

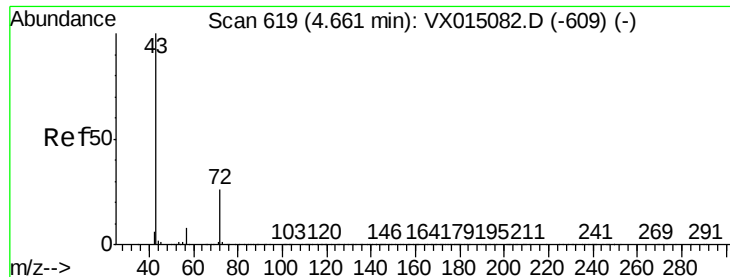
Ion Ratio Lower Upper

63 100

98 6.7 3.7 11.1

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 261.858 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 590249

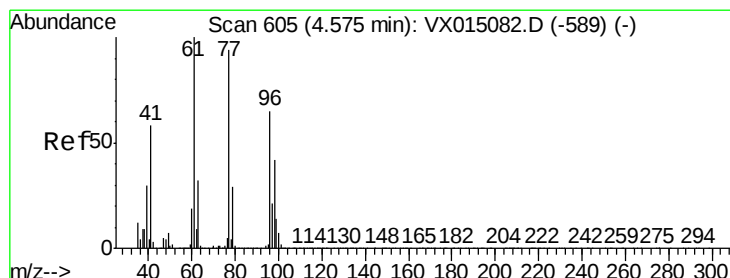
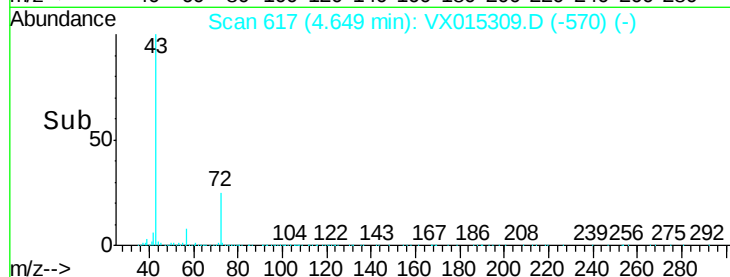
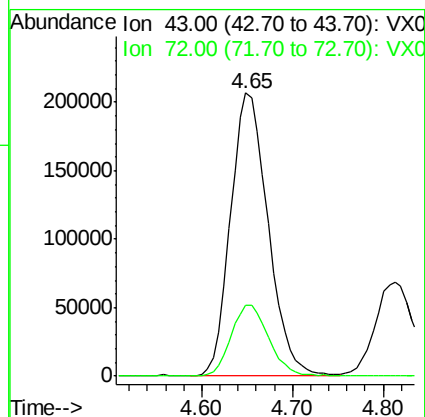
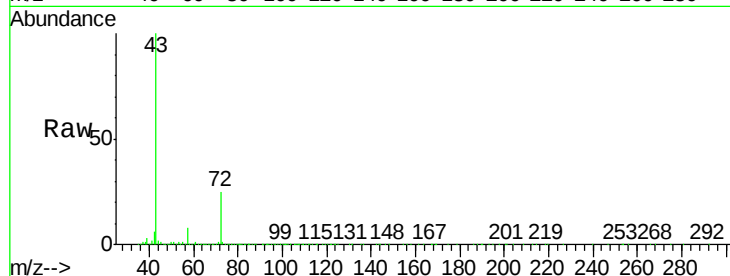
Ion Ratio Lower Upper

43 100

72 24.8 20.6 30.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 46.435 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015309.D

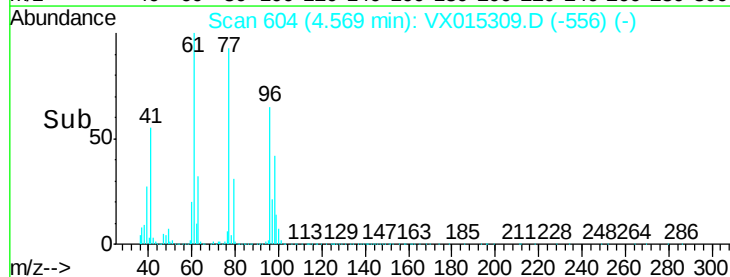
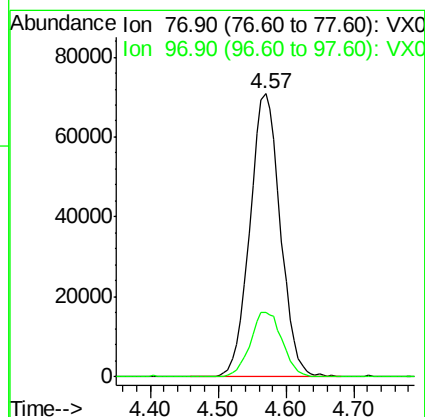
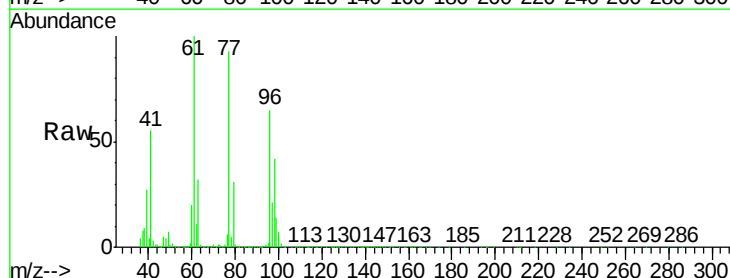
Acq: 17 Mar 2020 08:44

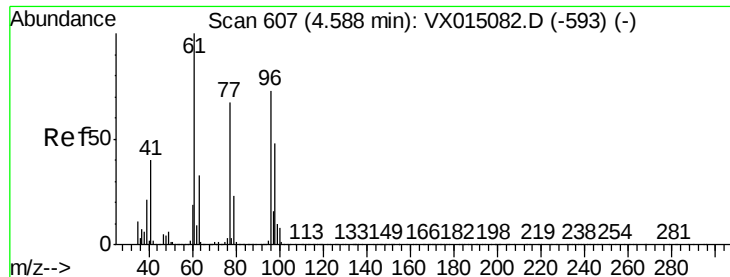
Tgt Ion: 77 Resp: 221333

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.4





#27

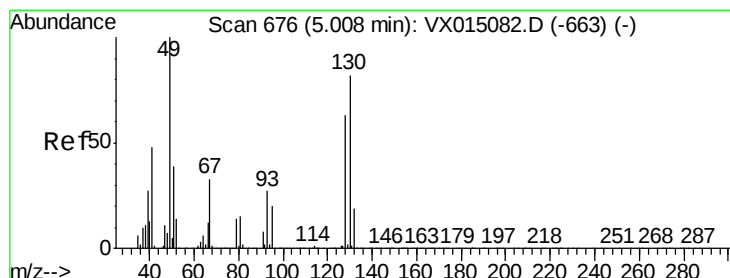
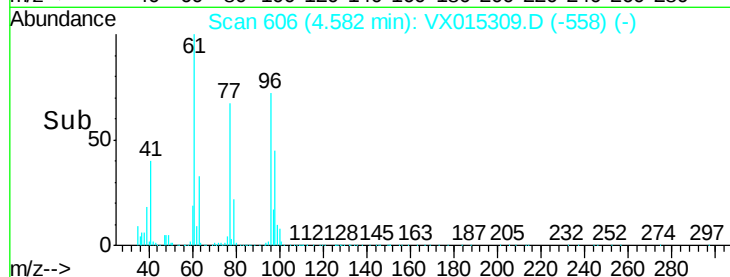
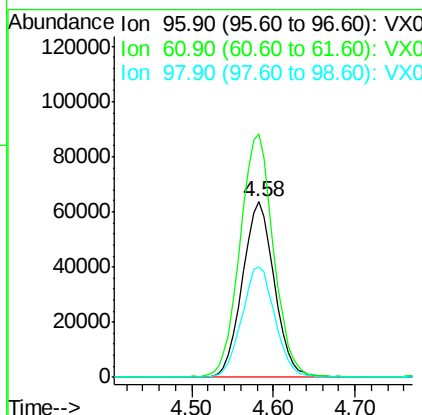
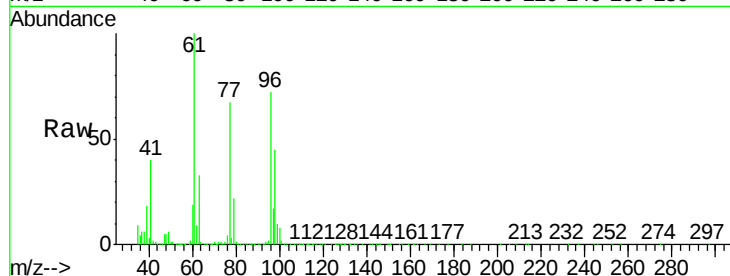
cis-1,2-Dichloroethene
Concen: 46.607 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	286.8
98	65.3	0.0	128.4

Manual Integrations
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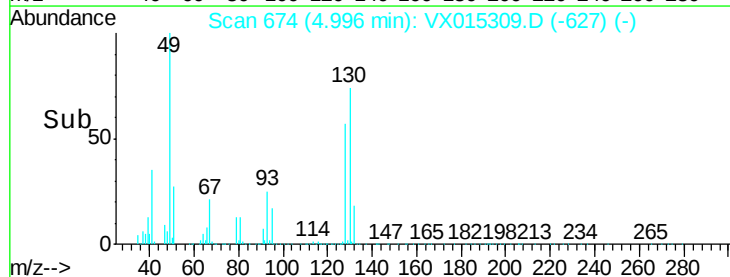
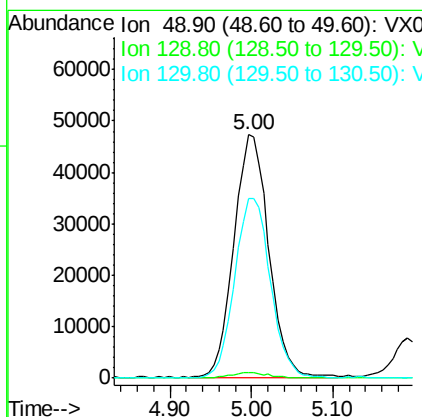
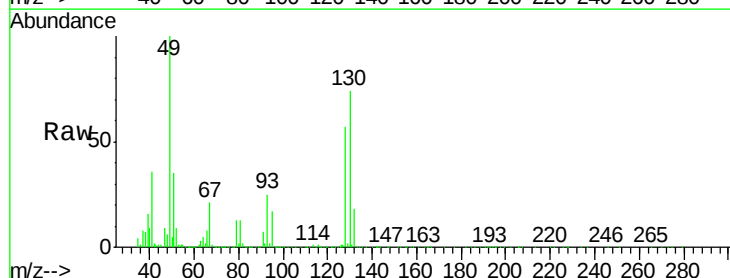
MMDadoda
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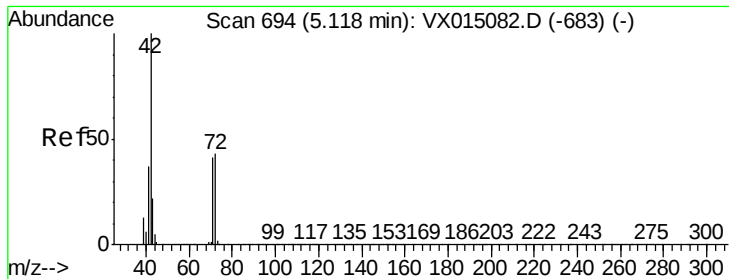


#28

Bromochloromethane
Concen: 51.184 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	76.0	65.0	97.6





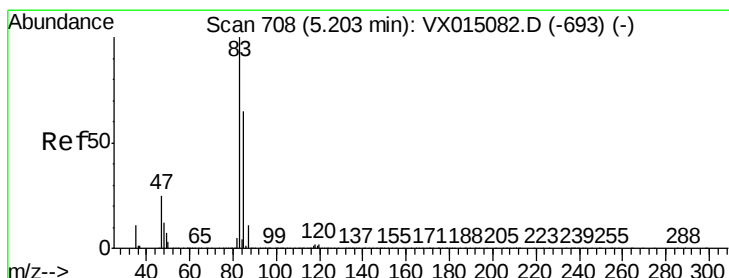
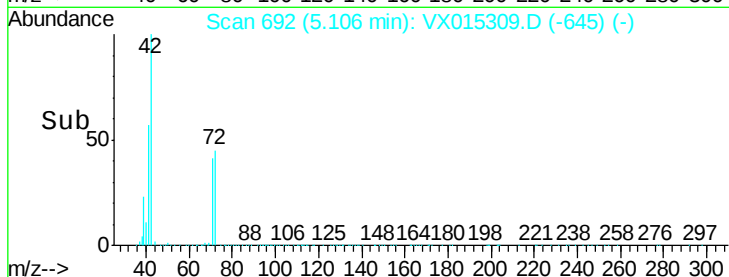
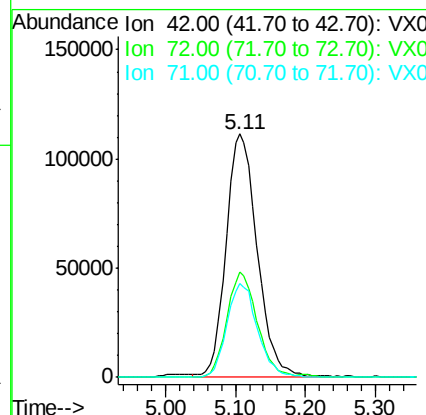
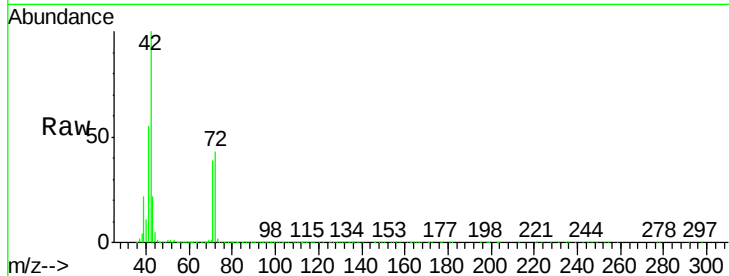
#29
Tetrahydrofuran
Concen: 234.714 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	36.4	54.6
71	38.4	33.3	49.9

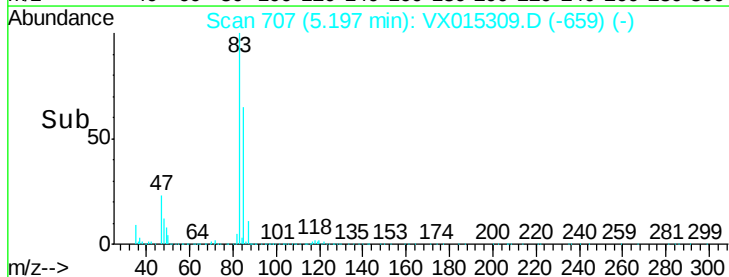
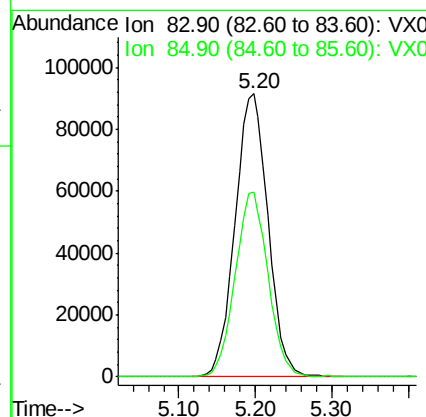
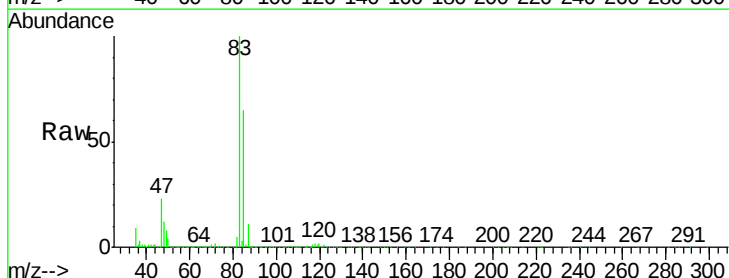
Manual Integrations
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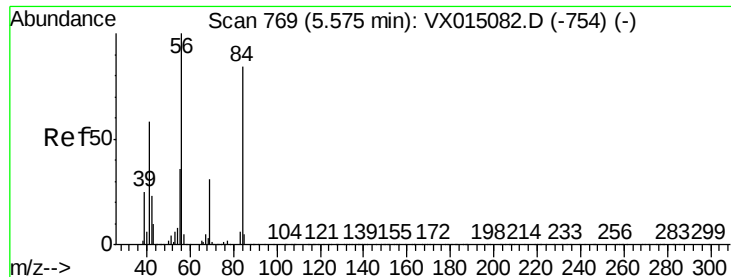
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#30
Chloroform
Concen: 46.490 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.0	78.0





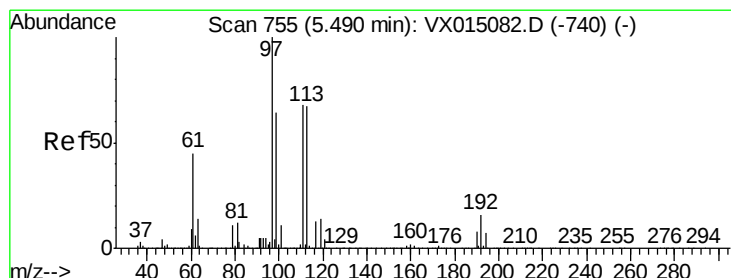
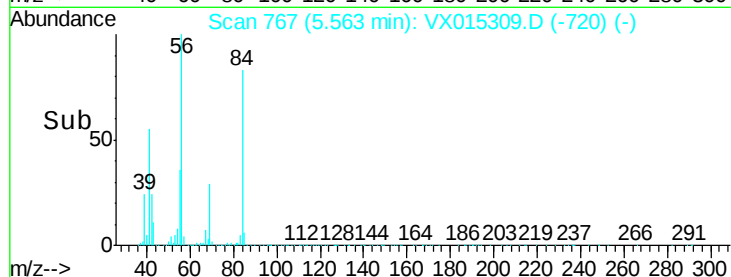
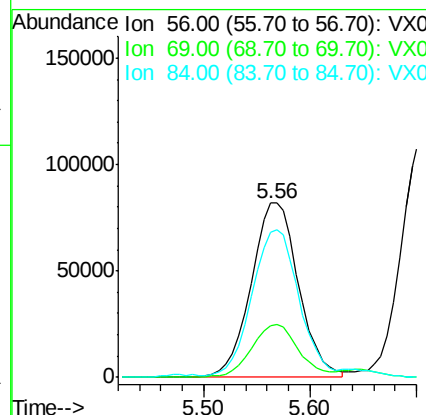
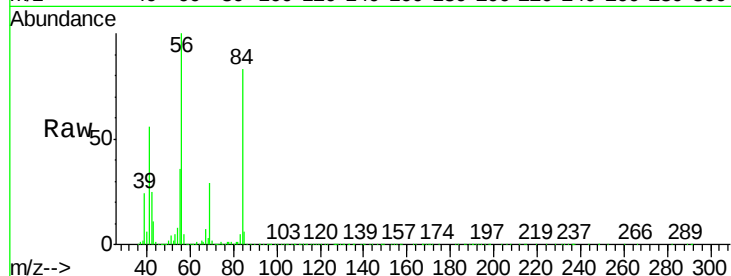
#31
Cyclohexane
Concen: 47.236 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.0	37.6
84	81.7	67.6	101.4

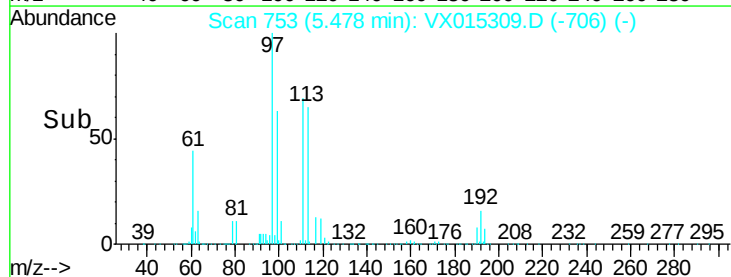
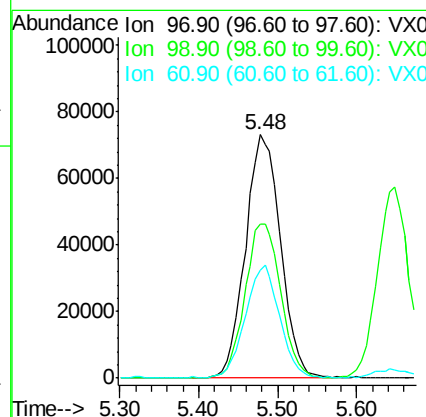
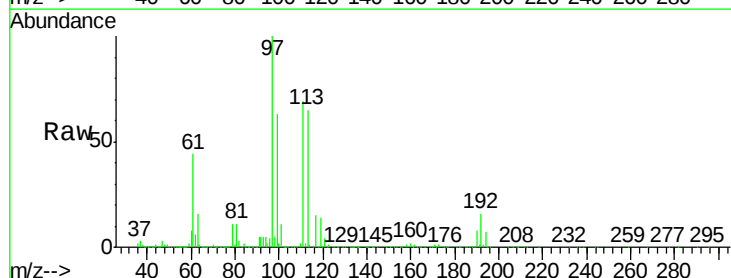
Manual Integrations
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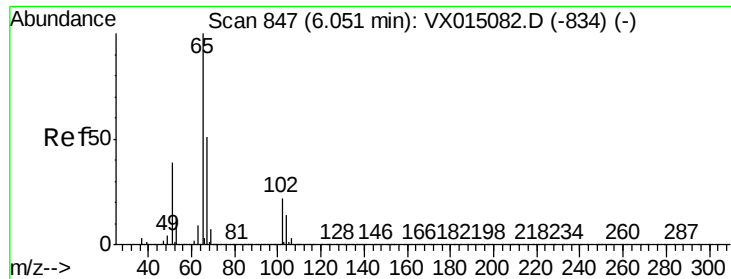
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.629 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.8	79.2
61	44.7	36.6	54.8





#33

1,2-Dichloroethane-d4

Concen: 43.872 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 166795

Ion Ratio Lower Upper

65 100

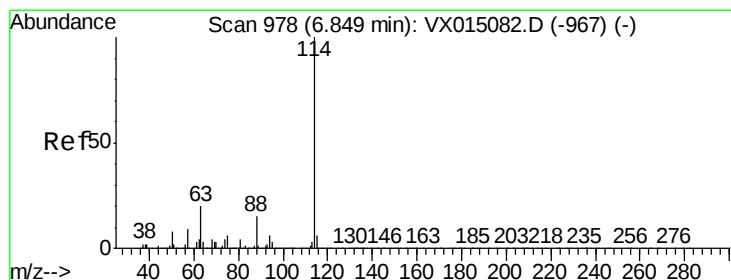
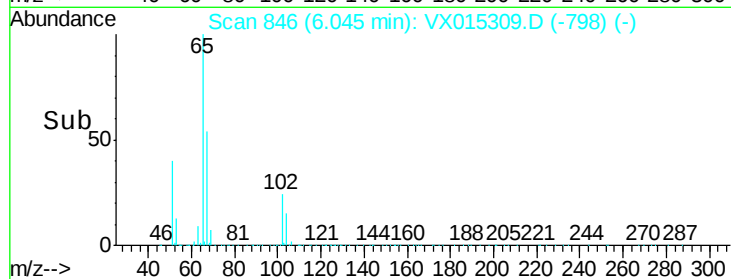
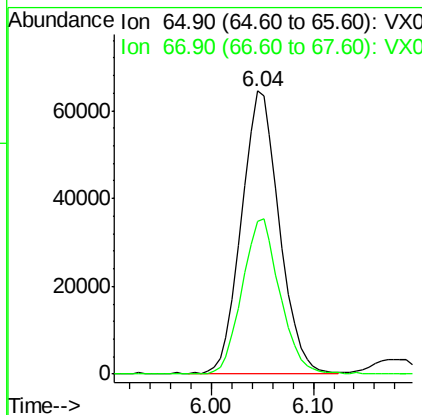
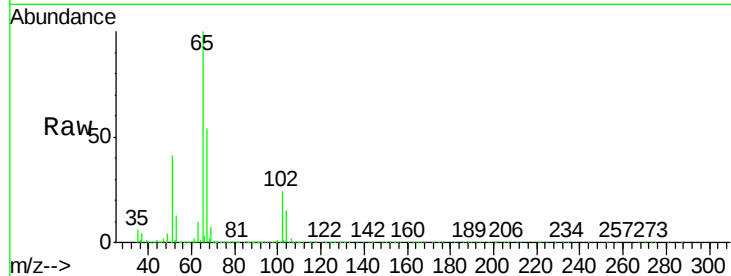
67 54.1 0.0 105.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

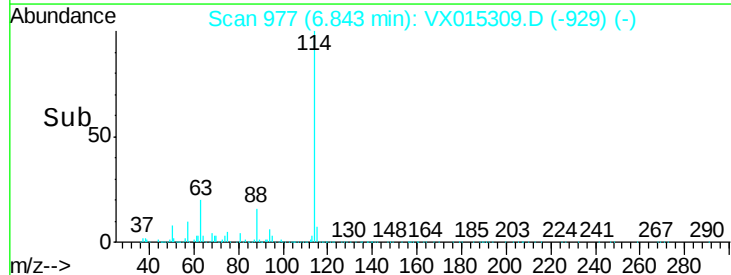
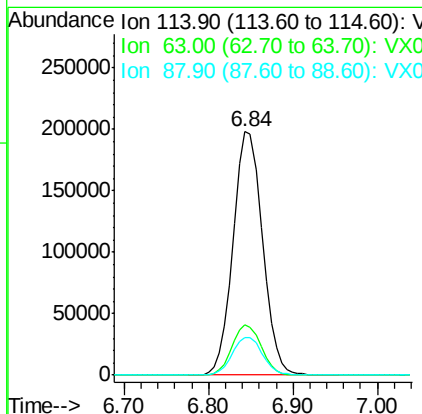
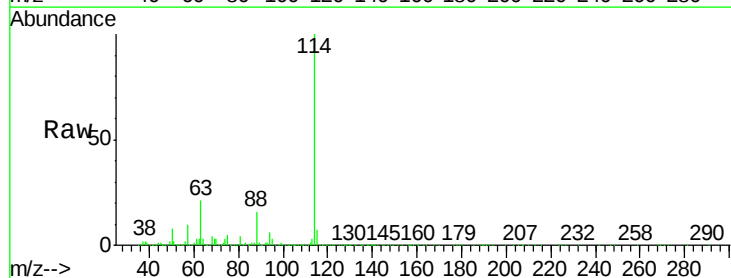
Tgt Ion: 114 Resp: 468386

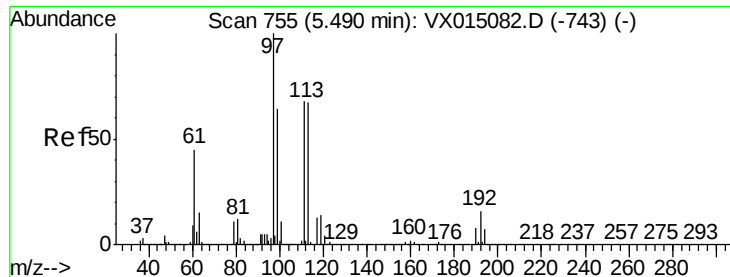
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.6 0.0 30.6





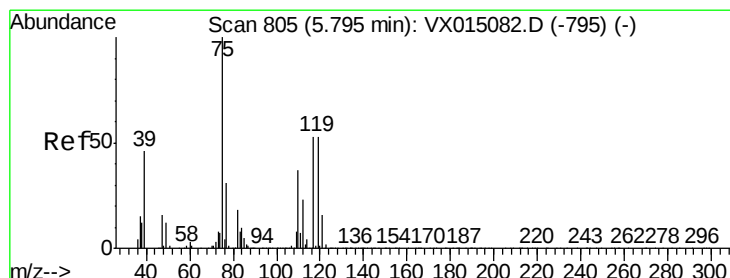
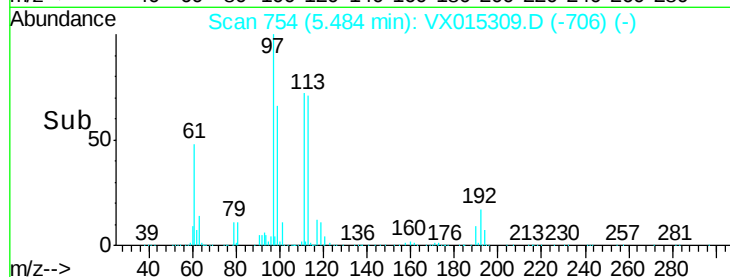
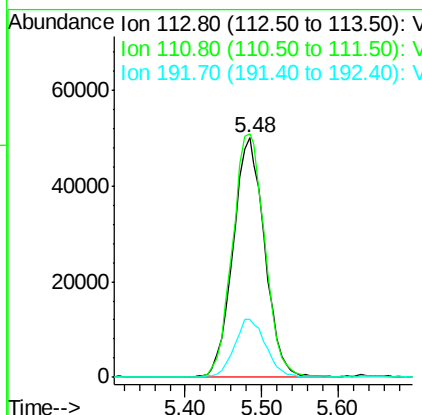
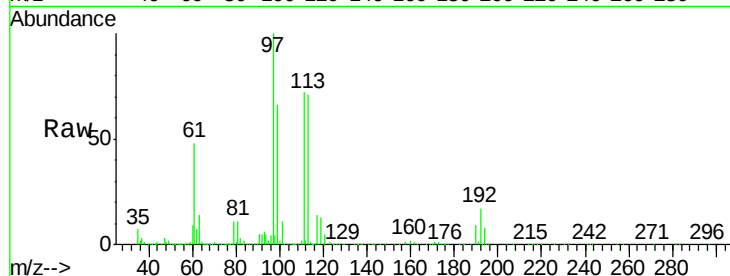
#35
 Dibromofluoromethane
 Concen: 48.499 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	24.1	18.6	28.0

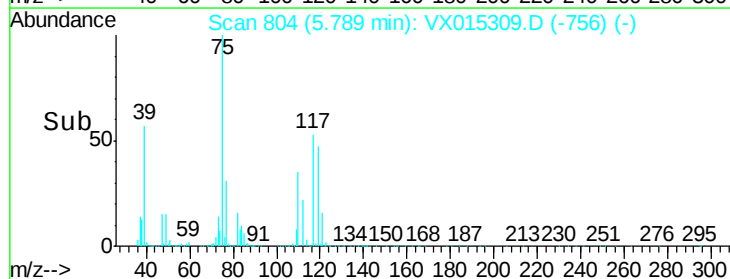
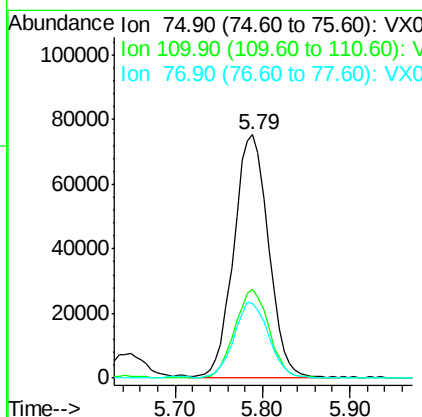
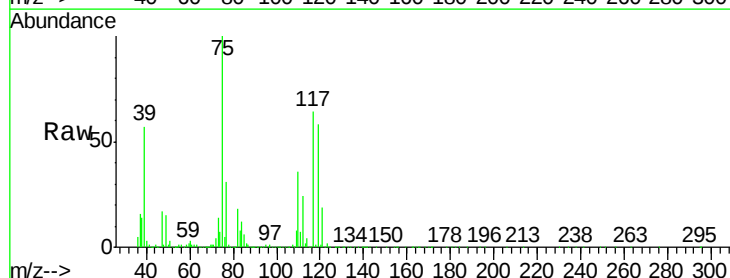
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#36
 1,1-Dichloropropene
 Concen: 47.619 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.9	53.8
77	30.9	24.8	37.2





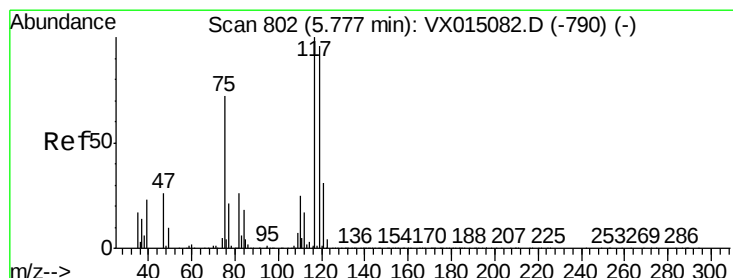
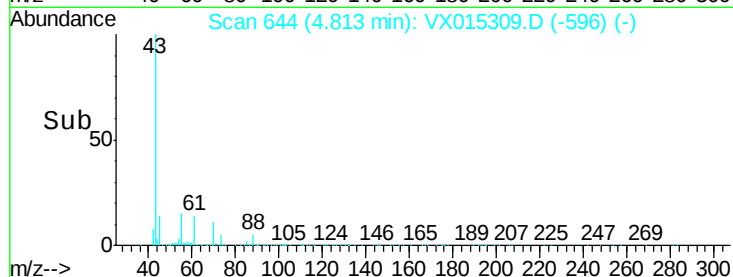
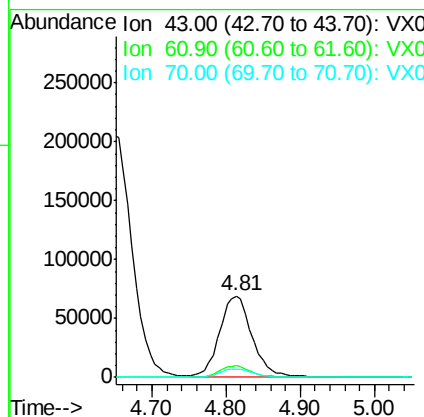
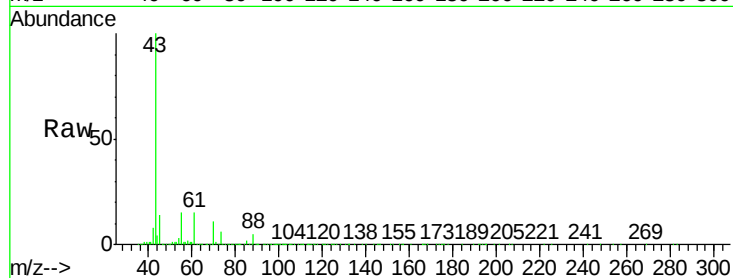
#37
Ethyl Acetate
Concen: 51.542 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	207022
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.0	16.4
70	10.5	8.1	12.1

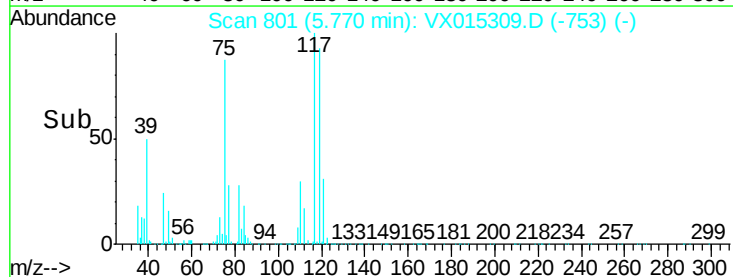
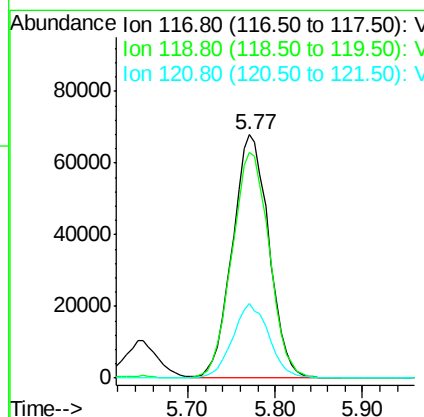
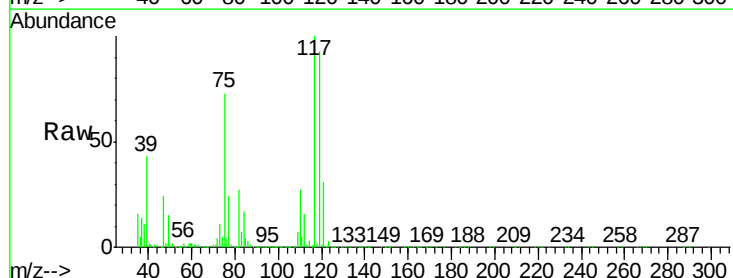
Manual Integrations
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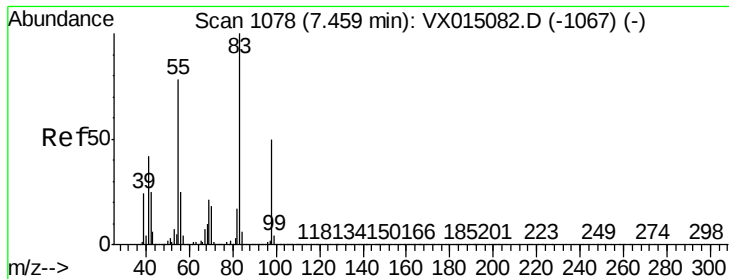
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#38
Carbon Tetrachloride
Concen: 47.934 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	117	Resp	195918
Ion Ratio	Lower	Upper	
117	100		
119	92.6	76.9	115.3
121	30.8	24.6	37.0





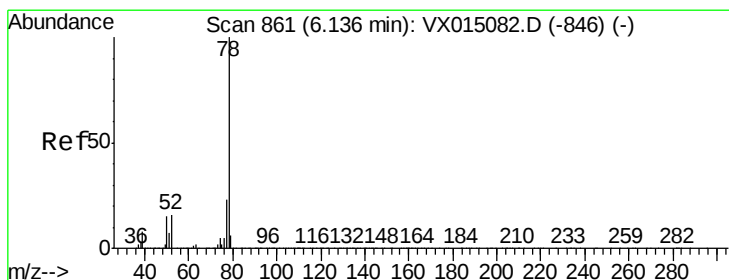
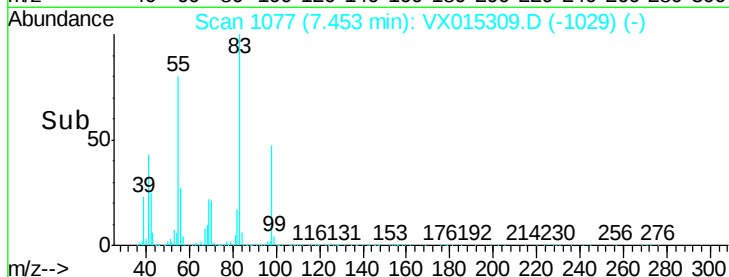
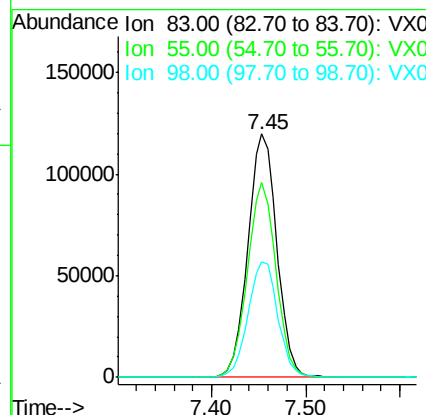
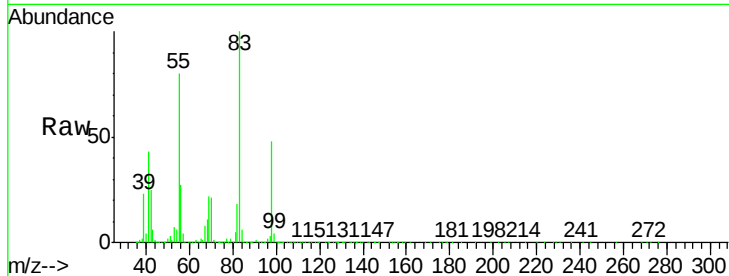
#39
Methvlcvclohexane
Concen: 50.887 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	62.4	93.6
98	47.6	39.7	59.5

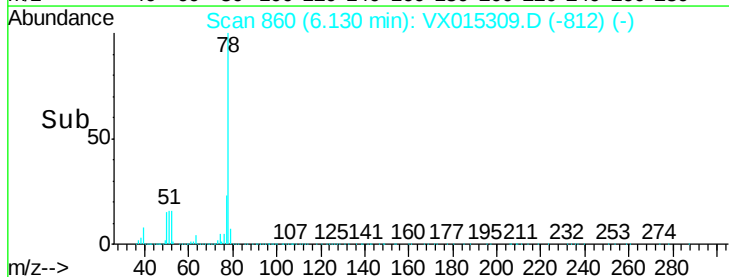
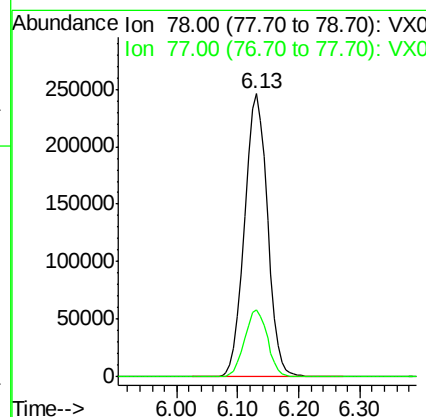
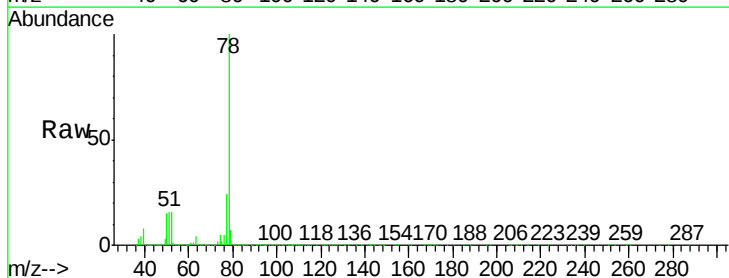
Manual Integrations
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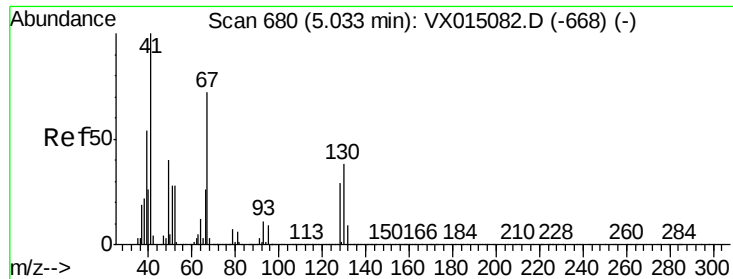
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#40
Benzene
Concen: 49.804 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





#41

Methacrylonitrile

Concen: 49.974 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

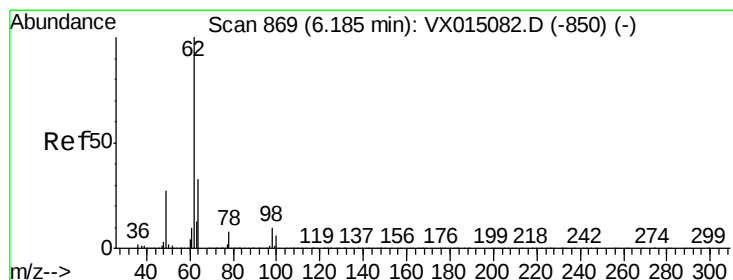
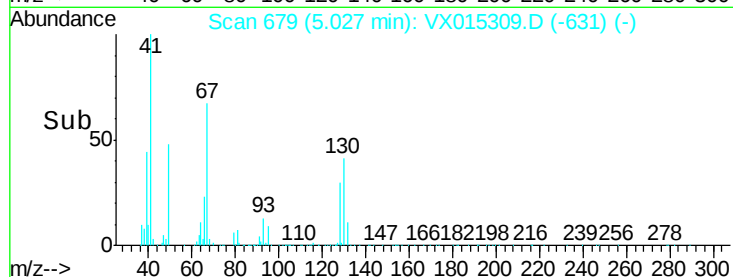
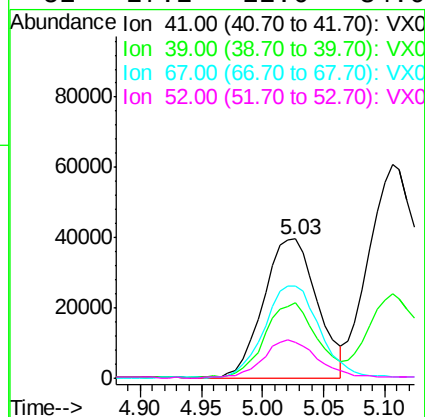
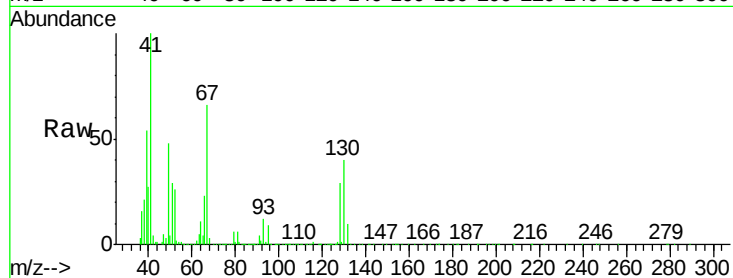
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.1	43.9	65.9	
67	68.5	57.8	86.8	
52	27.2	22.6	34.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 47.735 ug/l

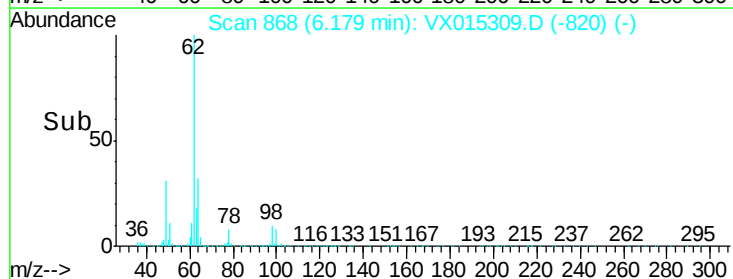
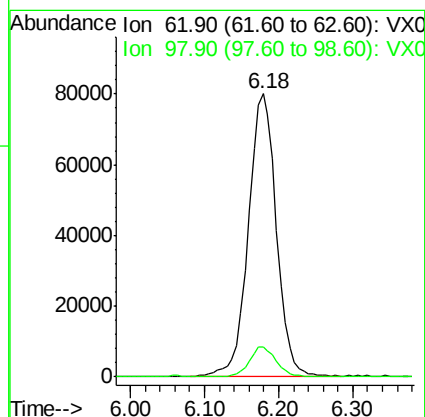
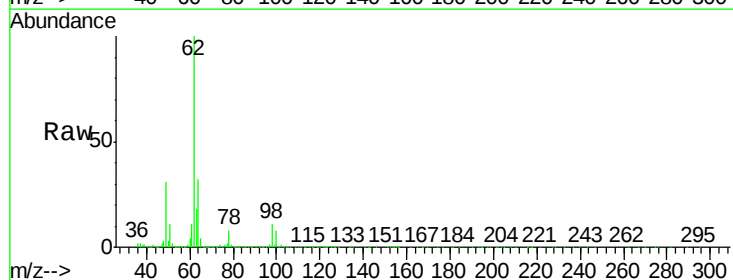
RT: 6.18 min Scan# 868

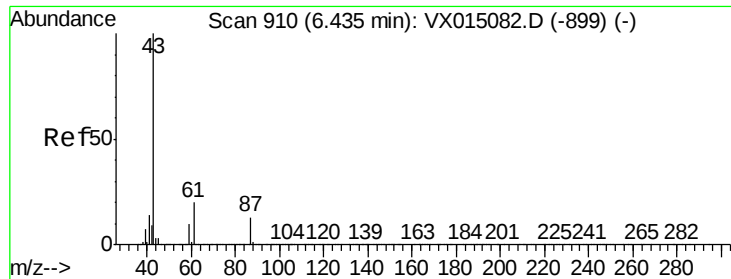
Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.6	





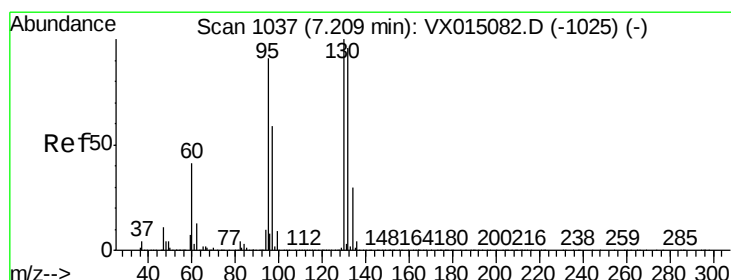
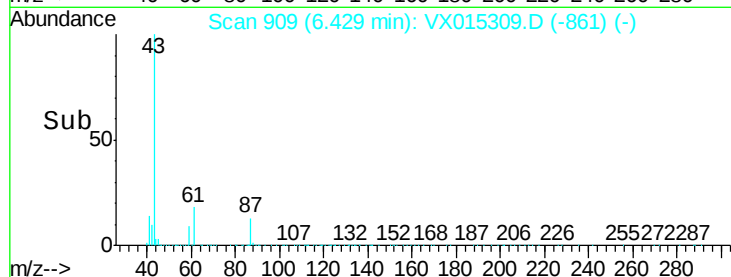
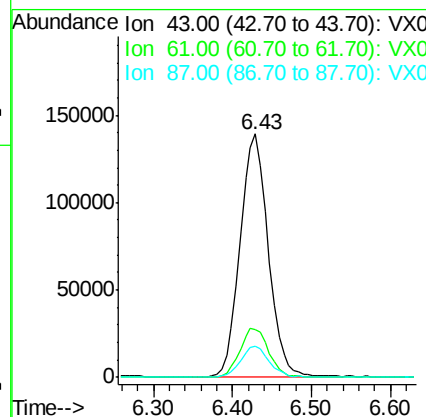
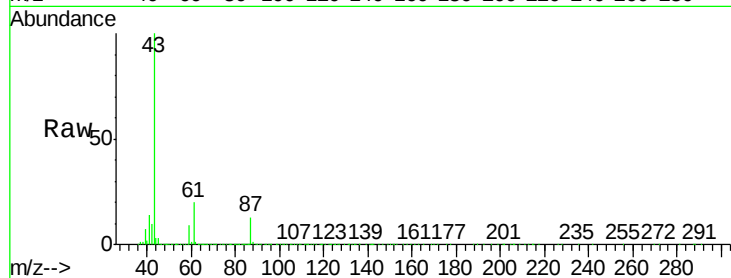
#43
Isopropyl Acetate
Concen: 48.758 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	12.7	10.6	16.0

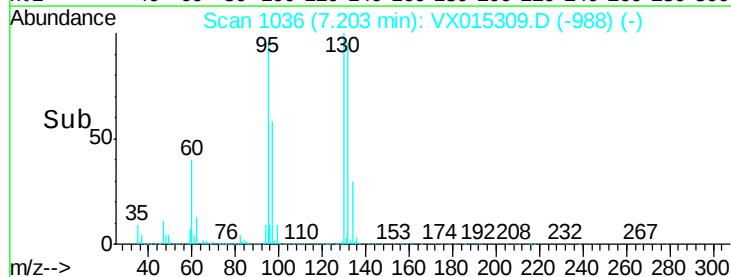
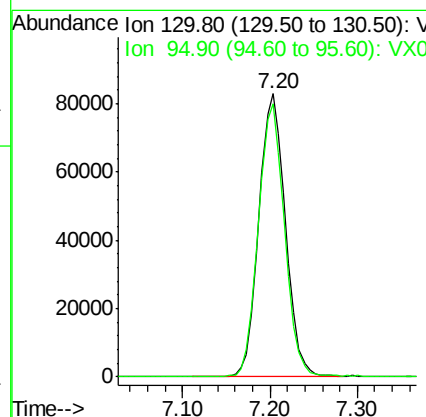
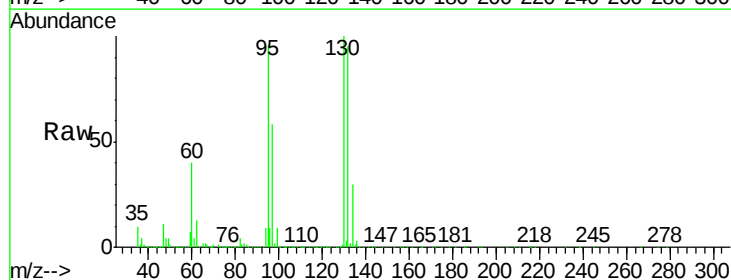
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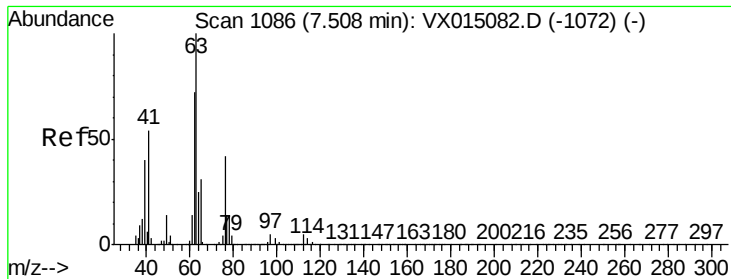
MMDadoda
3/18/2020 4:16:46 PM



#44
Trichloroethene
Concen: 48.940 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	181.2





#45

1,2-Dichloropropane

Concen: 52.721 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 175308

Ion Ratio Lower Upper

63 100

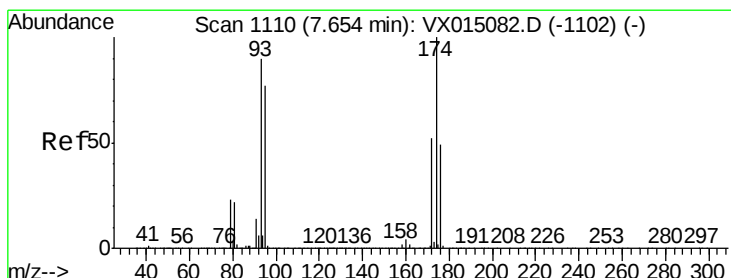
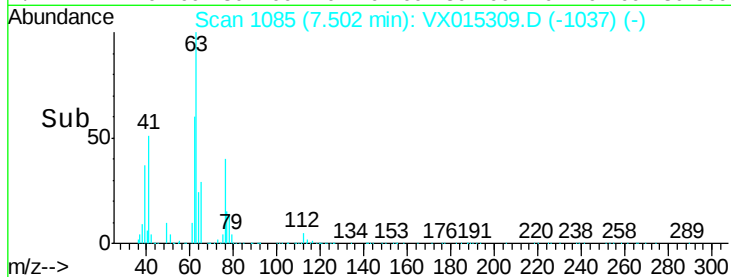
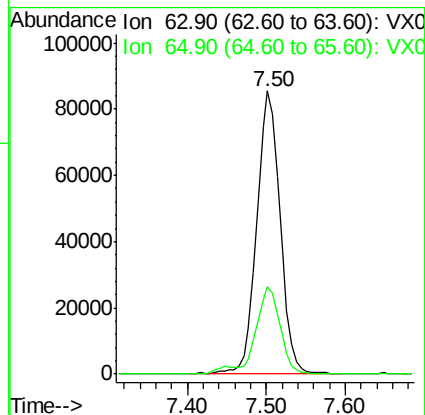
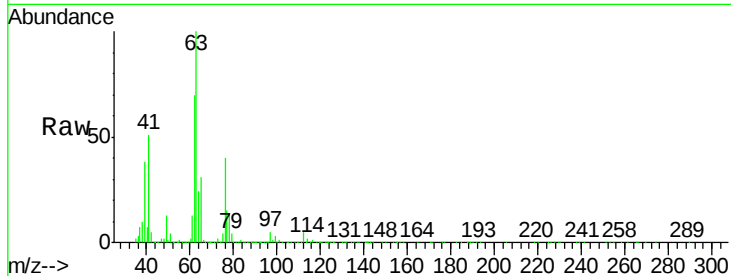
65 30.6 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 48.276 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

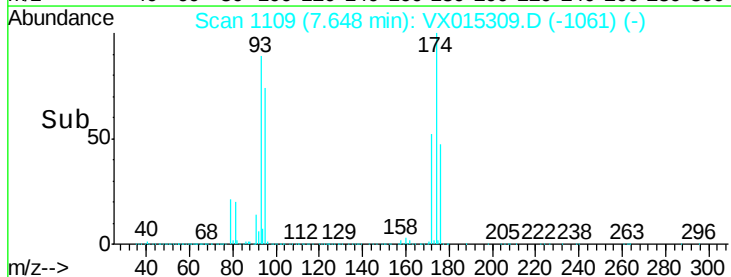
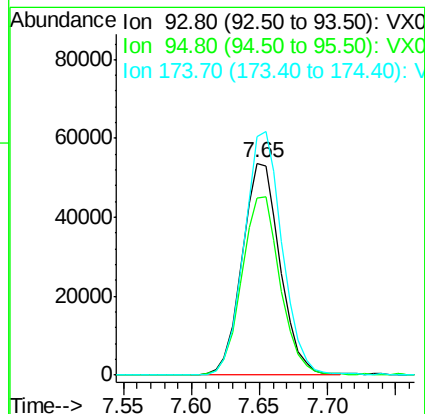
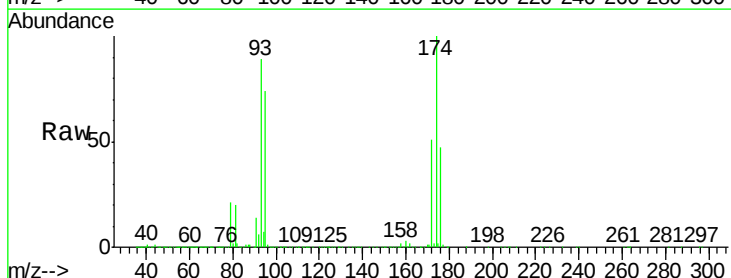
Tgt Ion: 93 Resp: 104599

Ion Ratio Lower Upper

93 100

95 84.8 67.8 101.8

174 115.7 91.0 136.4





#47

Bromodichloromethane

Concen: 50.648 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

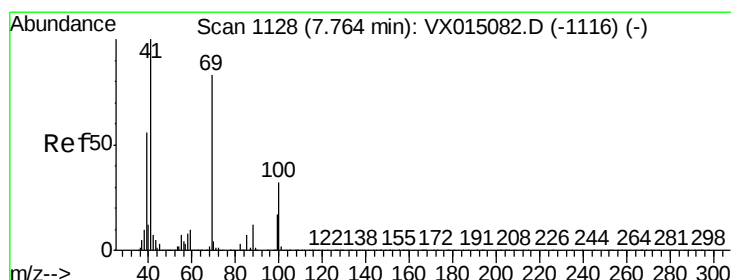
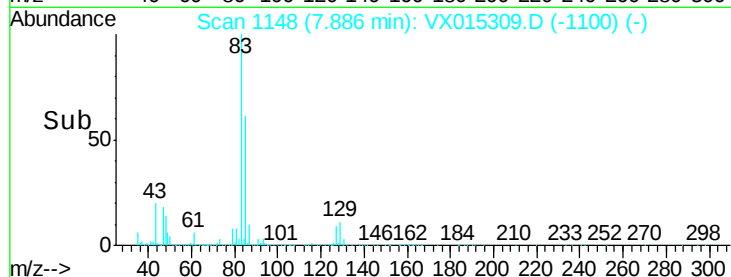
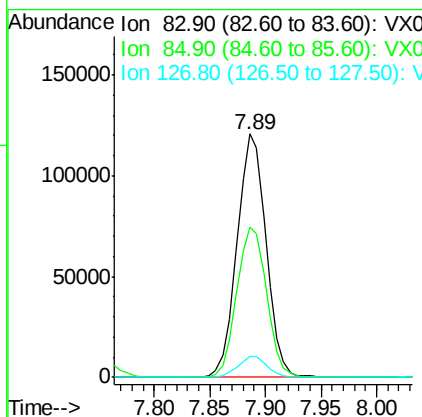
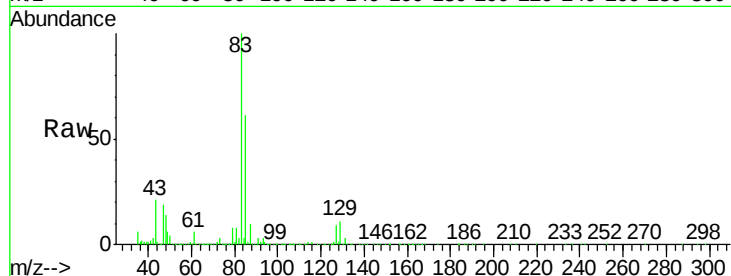
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	217007
Ion Ratio	Lower	Upper	
83	100		
85	61.4	50.6	75.8
127	8.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.765 ug/l

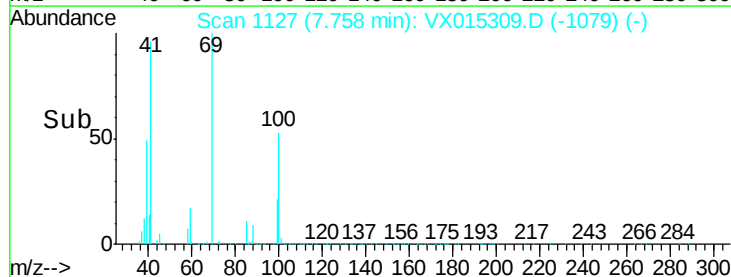
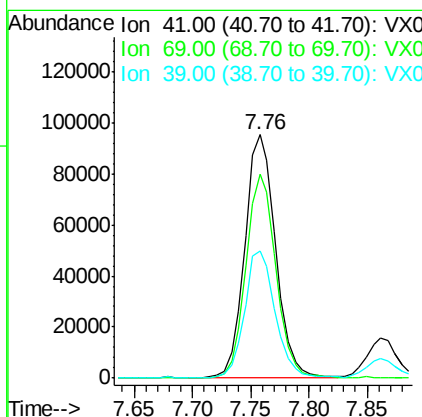
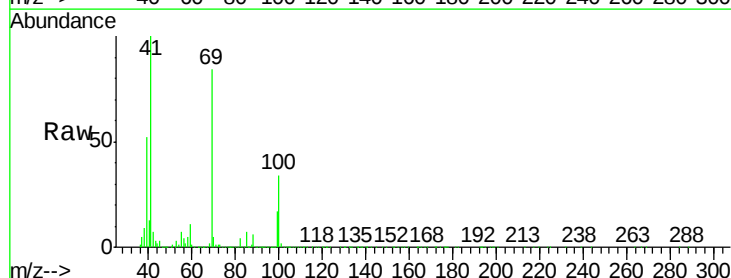
RT: 7.76 min Scan# 1127

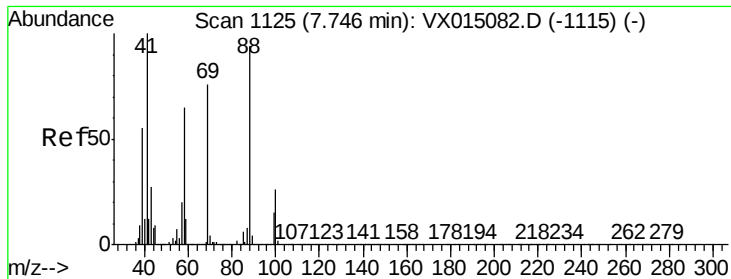
Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion:	41	Resp:	175374
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.4	98.2
39	52.0	44.6	67.0





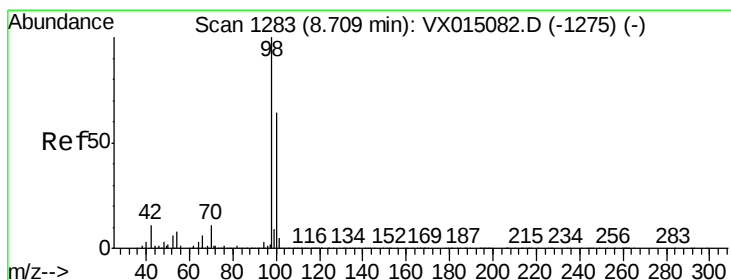
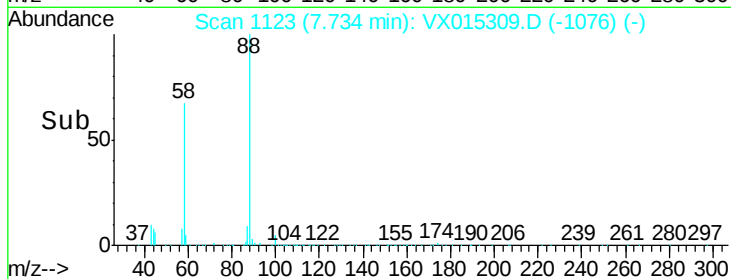
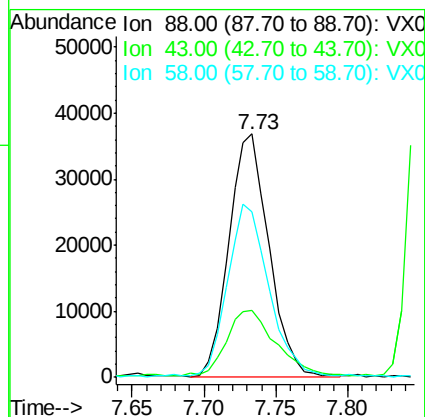
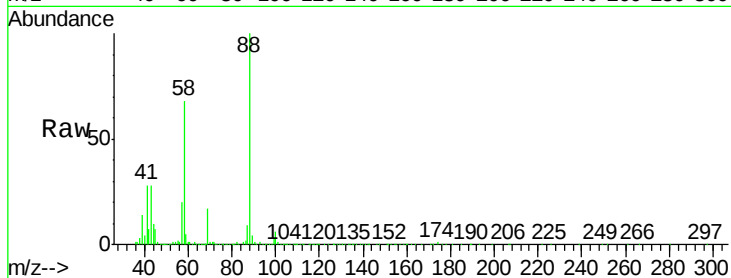
#49
1,4-Dioxane
Concen: 911.313 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.0	40.4
58	73.8	55.6	83.4

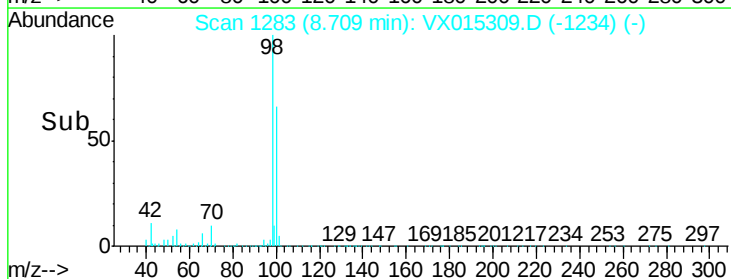
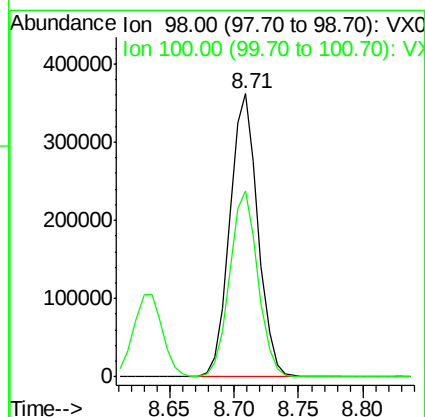
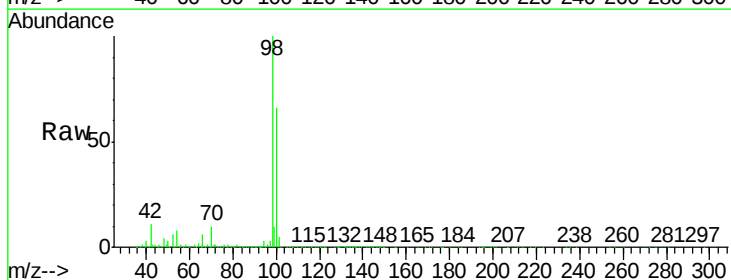
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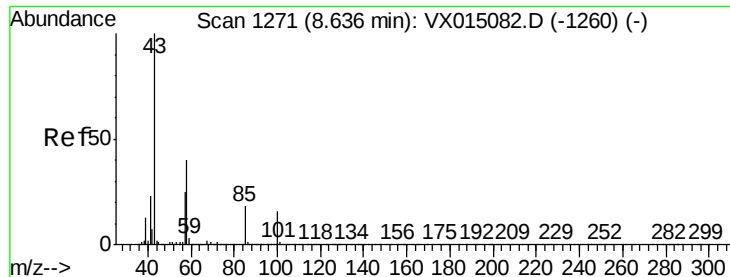
MMDadoda
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#50
Toluene-d8
Concen: 49.194 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





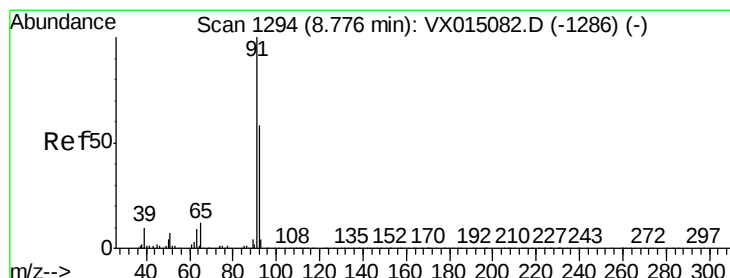
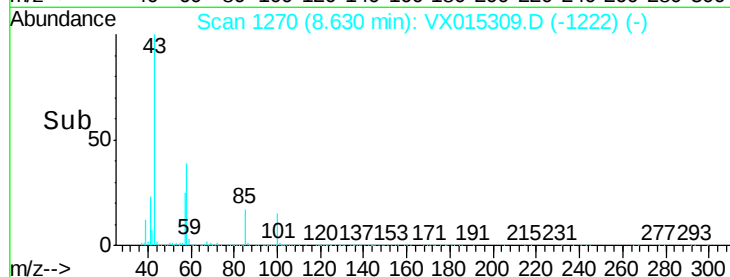
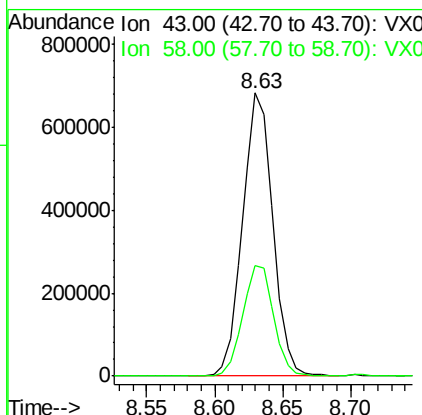
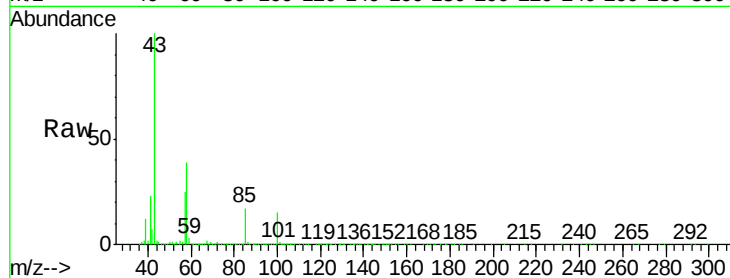
#51
4-Methyl-2-Pentanone
Concen: 253.462 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1058905
Ion Ratio Lower Upper
43 100
58 39.8 31.6 47.4

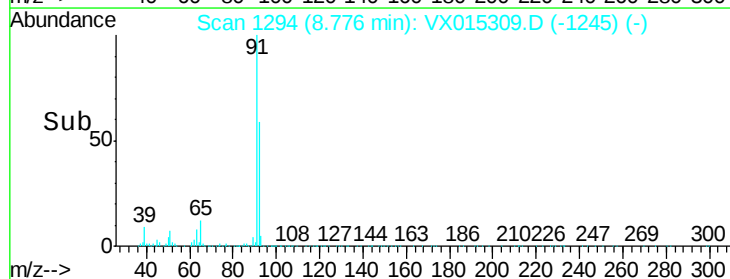
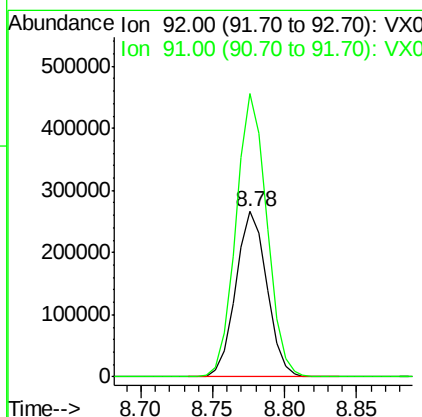
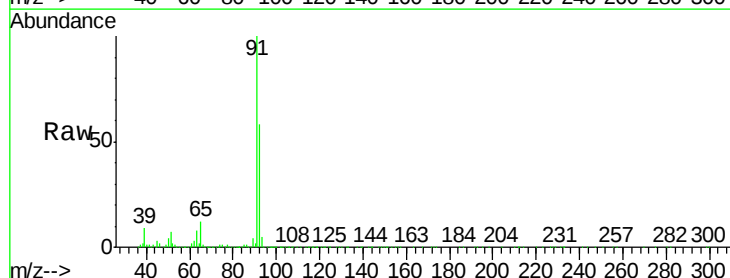
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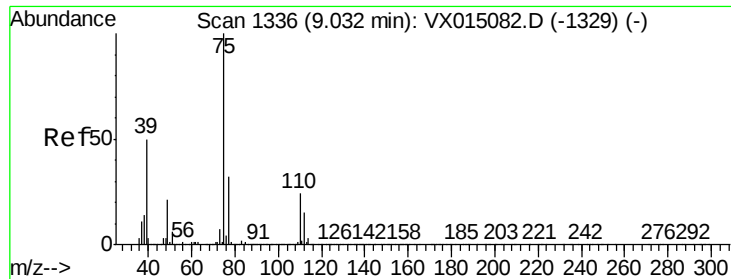
MMDadoda
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#52
Toluene
Concen: 51.026 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 92 Resp: 400801
Ion Ratio Lower Upper
92 100
91 169.7 136.9 205.3





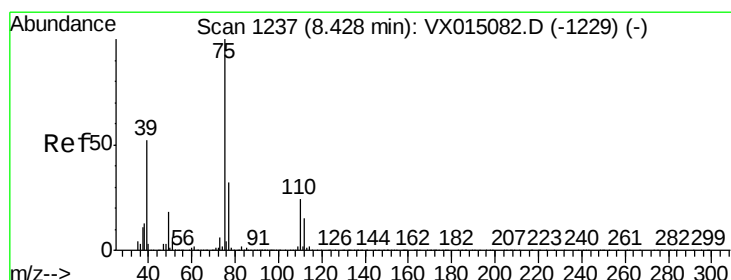
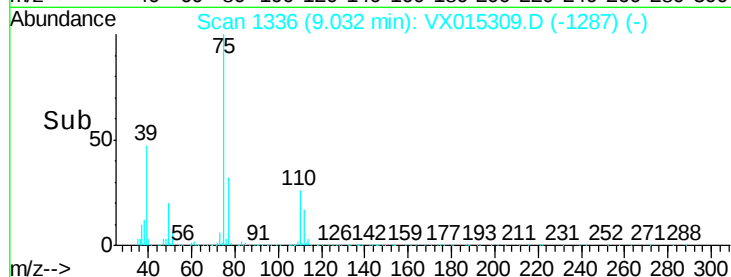
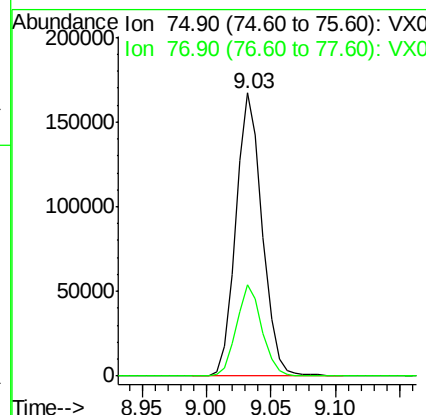
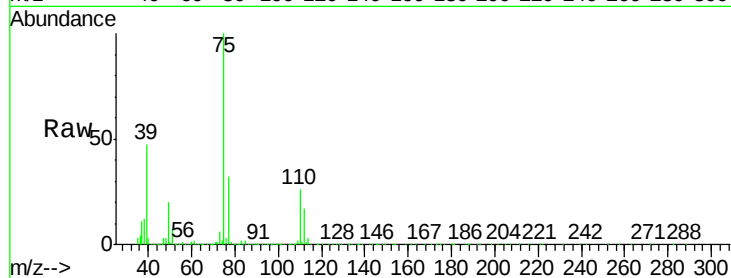
#53
t-1,3-Dichloropropene
Concen: 52.136 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0

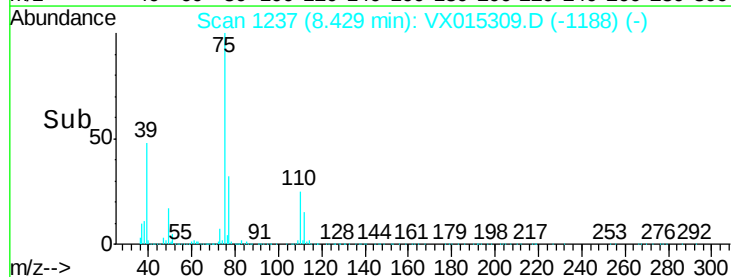
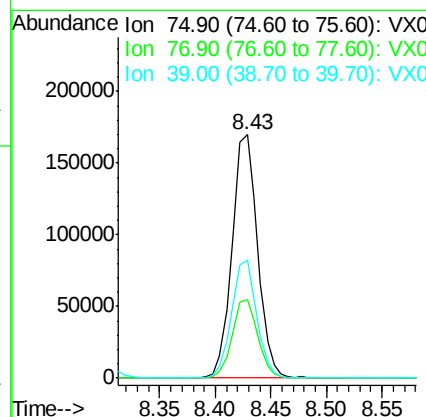
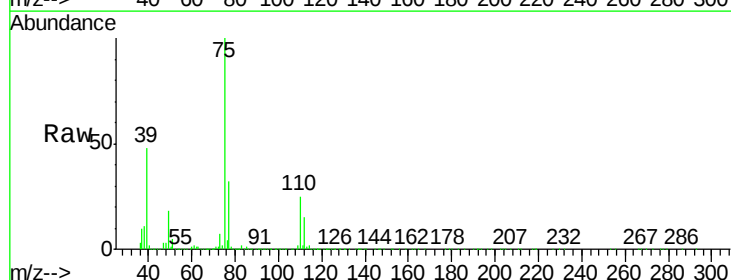
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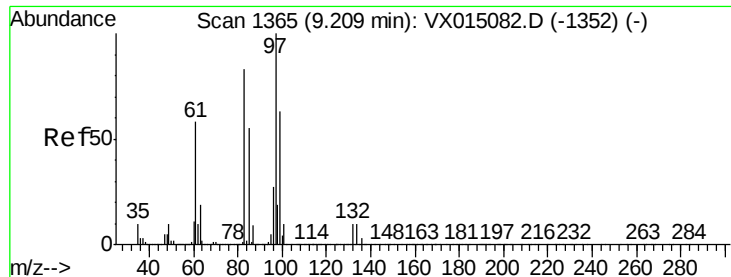
MMDadoda
3/18/2020 4:16:46 PM



#54
cis-1,3-Dichloropropene
Concen: 52.392 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
39	48.1	41.3	61.9





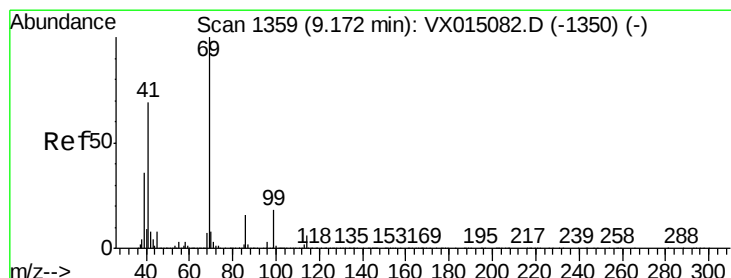
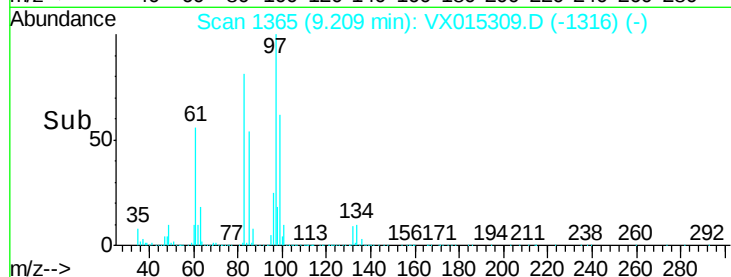
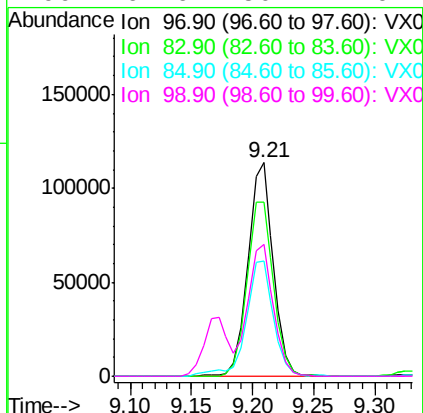
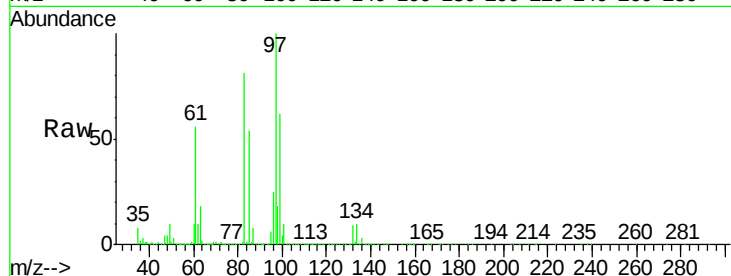
#55
 1,1,2-Trichloroethane
 Concen: 50.555 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		163446		
83	81.2	66.4	99.6		
85	53.5	43.5	65.3		
99	61.6	50.7	76.1		

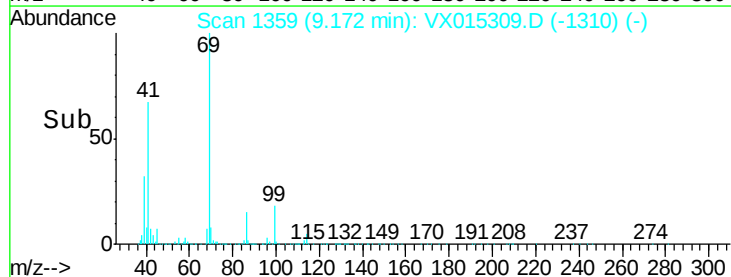
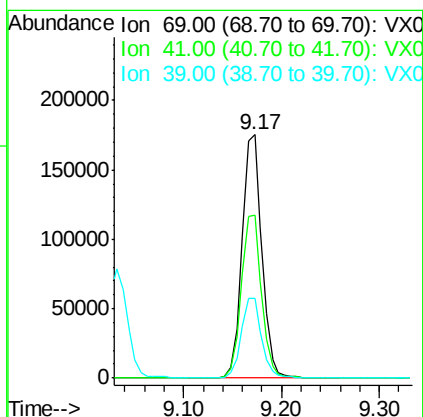
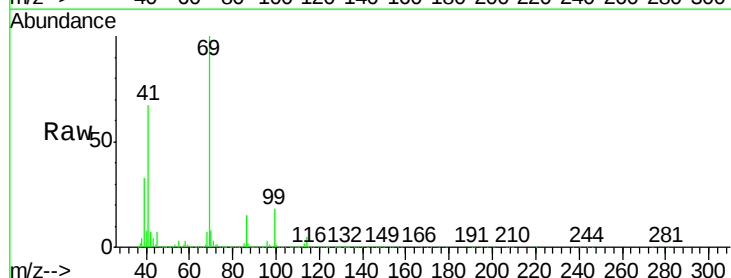
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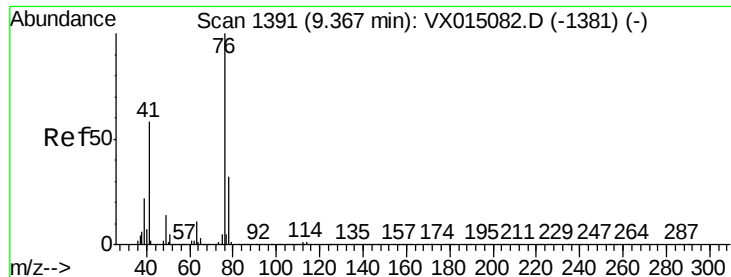
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#56
 Ethyl methacrylate
 Concen: 53.160 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		245146		
41	68.1	55.8	83.8		
39	33.4	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 50.920 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 276964

Ion Ratio Lower Upper

76 100

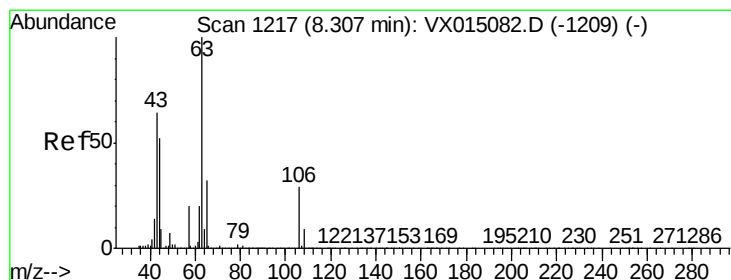
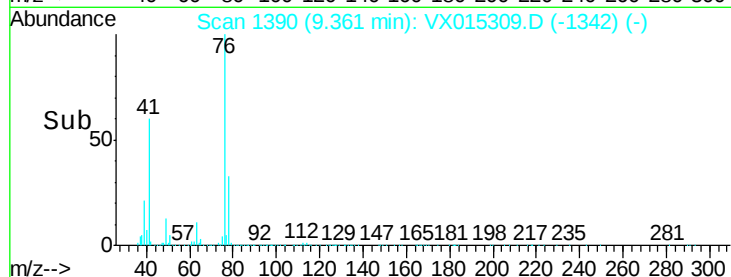
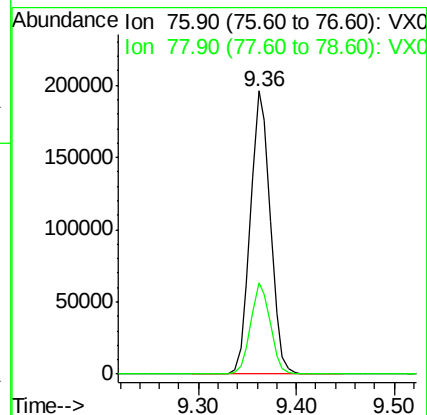
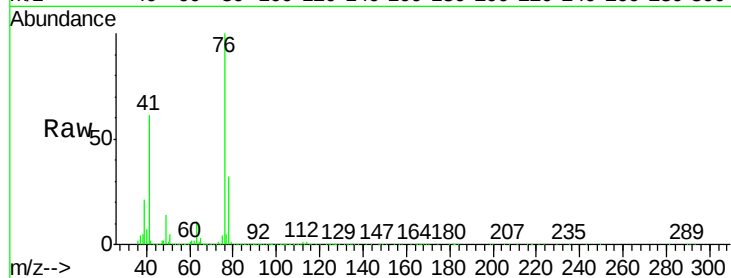
78 31.7 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 255.549 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015309.D

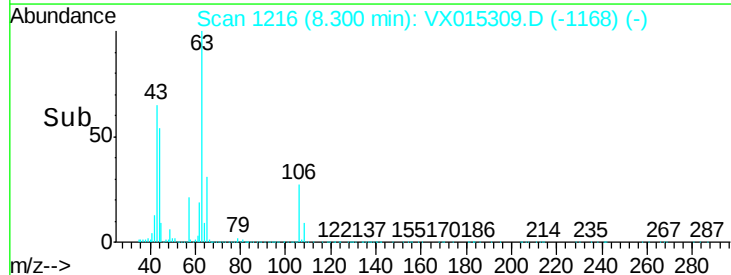
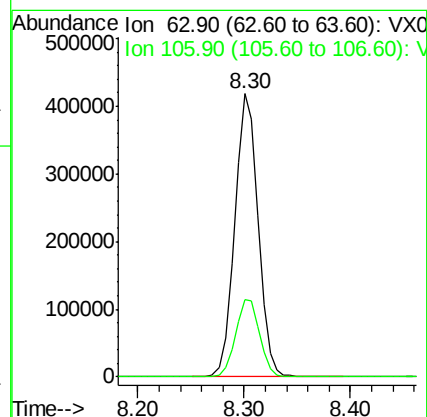
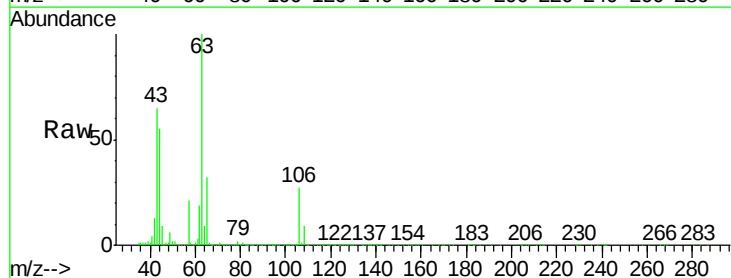
Acq: 17 Mar 2020 08:44

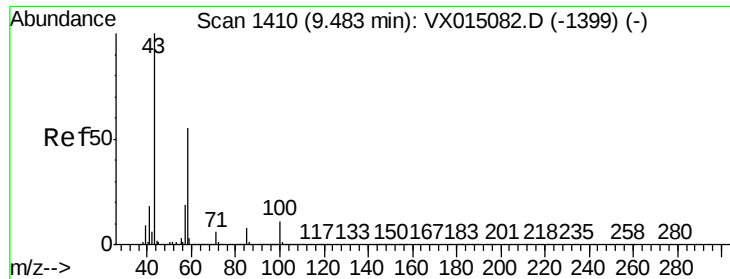
Tgt Ion: 63 Resp: 642001

Ion Ratio Lower Upper

63 100

106 28.3 22.8 34.2





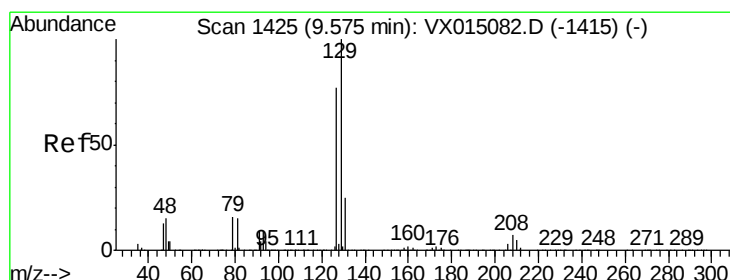
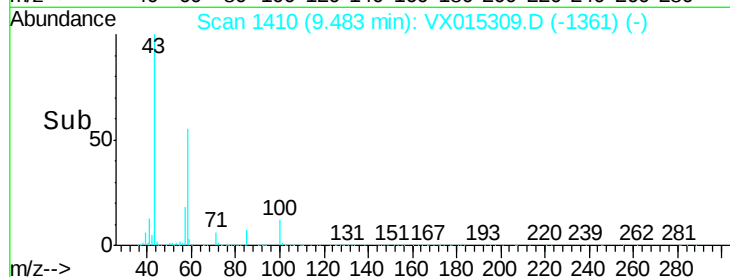
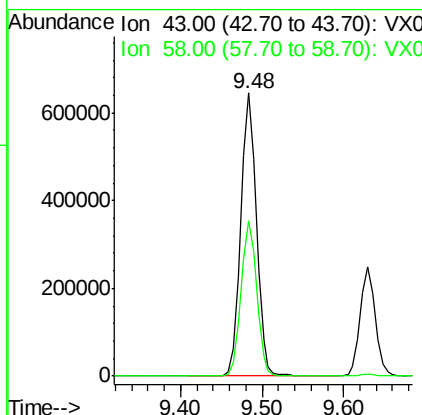
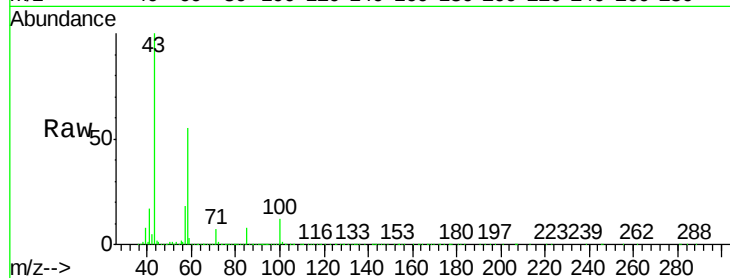
#59
2-Hexanone
Concen: 273.693 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 847491
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8

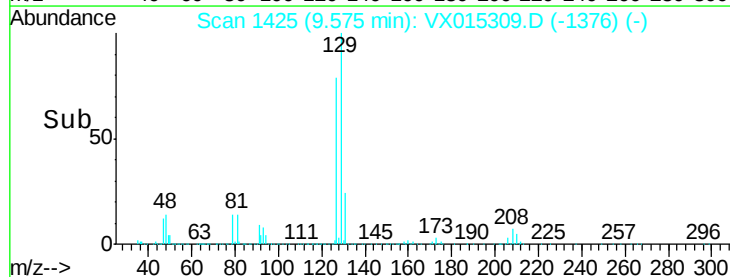
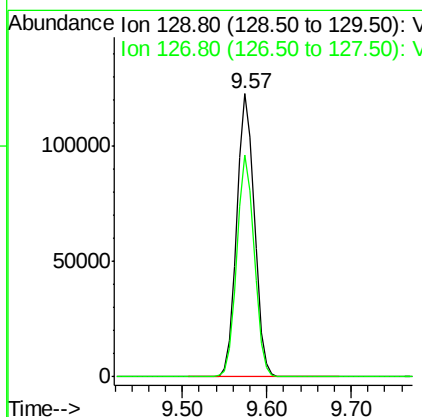
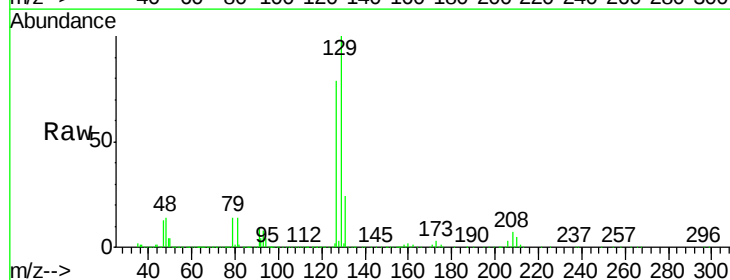
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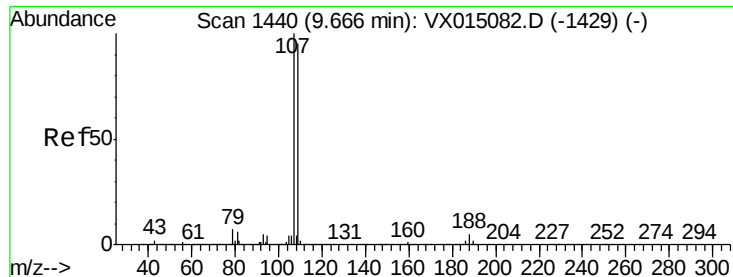
MMDadoda
3/18/2020 4:16:46 PM



#60
Dibromochloromethane
Concen: 51.082 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 129 Resp: 173483
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





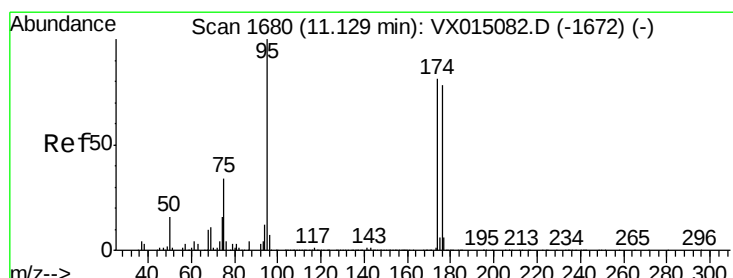
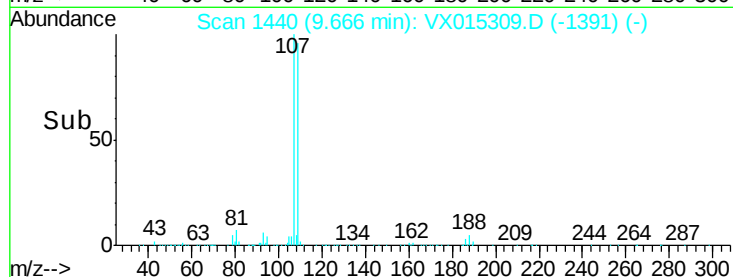
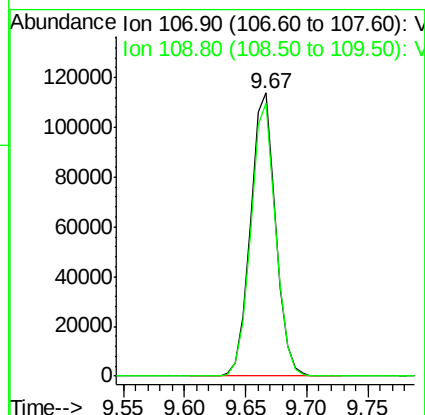
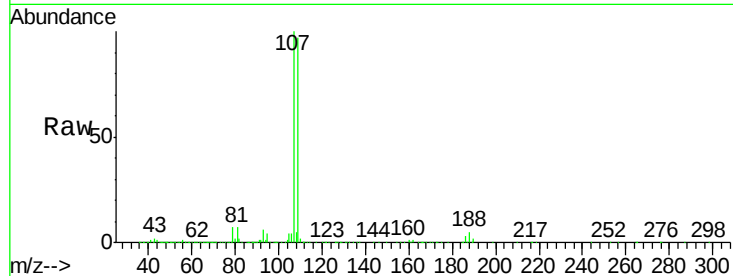
#61
 1,2-Dibromoethane
 Concen: 47.983 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	75.6	113.4

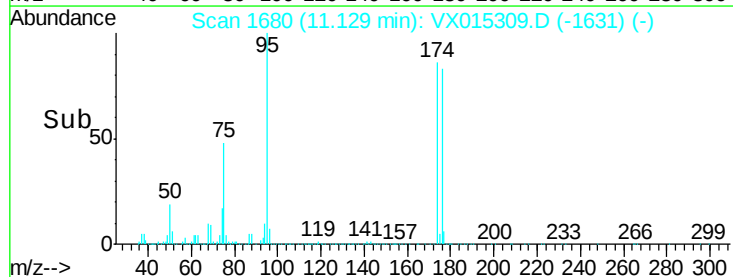
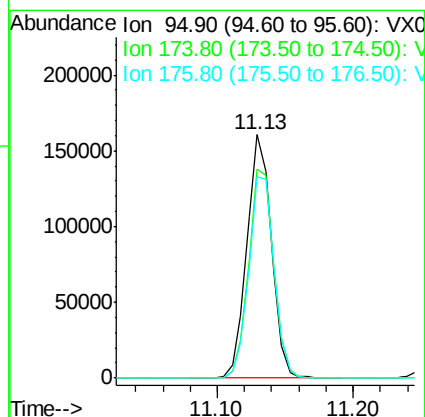
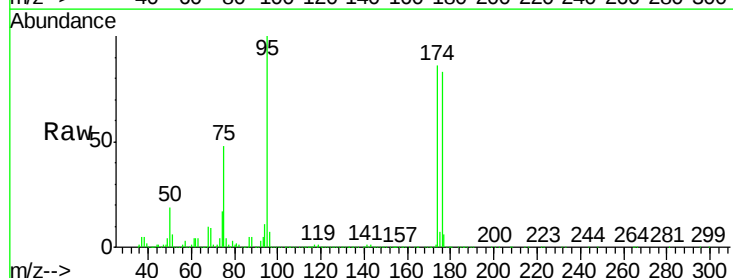
Manual Integrations
 APPROVED

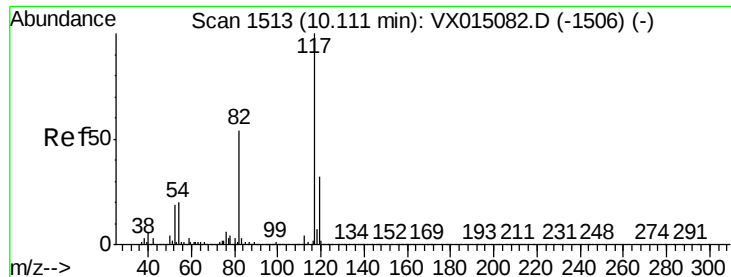
MMDadoda
 3/18/2020 4:16:46 PM



#62
 4-Bromofluorobenzene
 Concen: 50.484 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	177.6
176	85.9	0.0	170.2





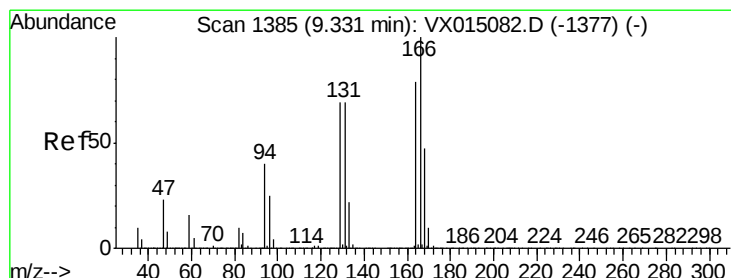
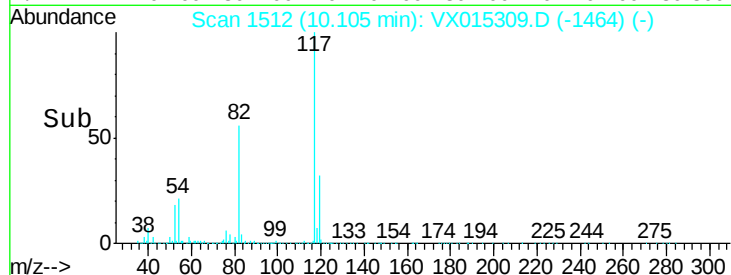
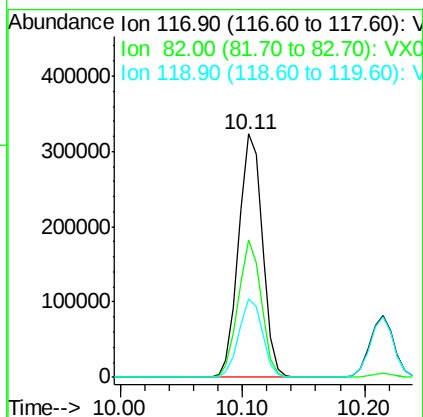
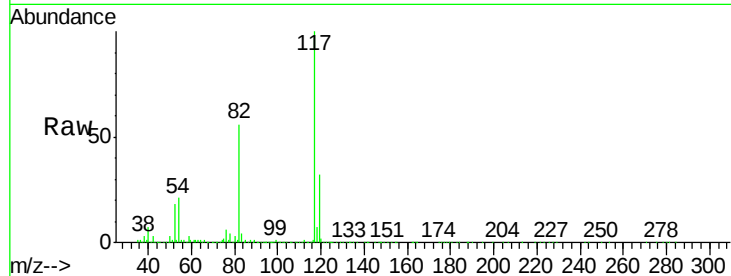
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.3	64.9
119	32.4	25.8	38.8

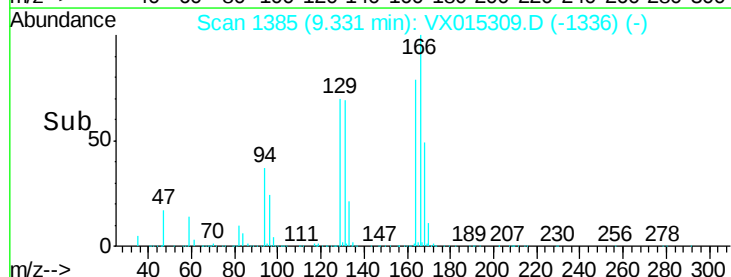
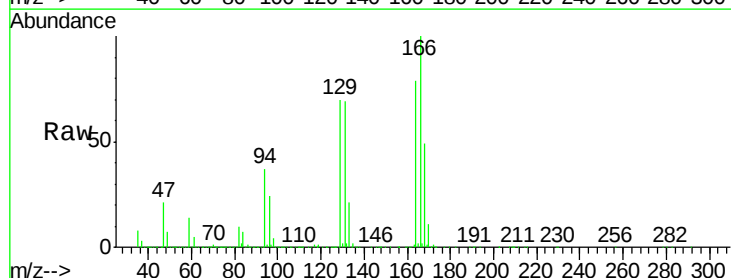
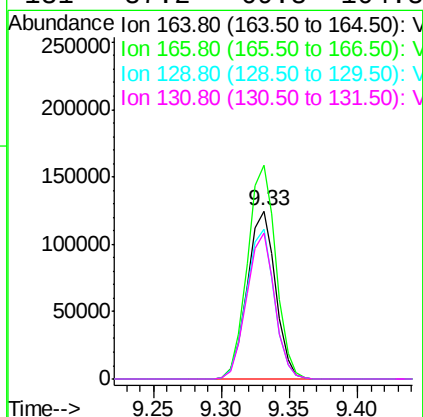
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 50.911 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.1	151.7
129	89.1	69.4	104.0
131	87.2	69.8	104.8





#65

Chlorobenzene

Concen: 49.778 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 434189

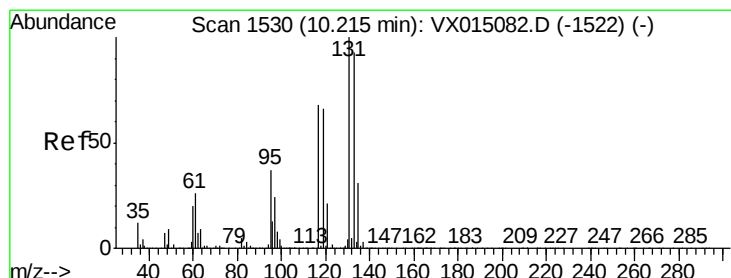
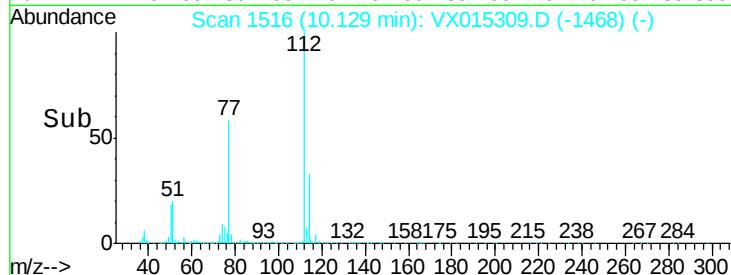
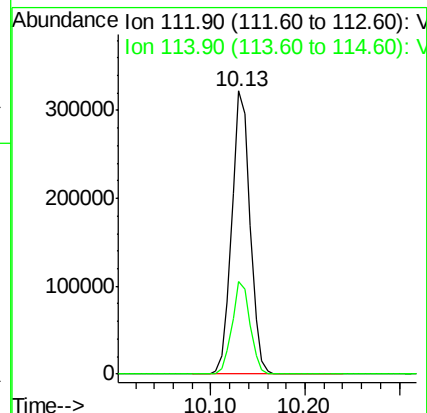
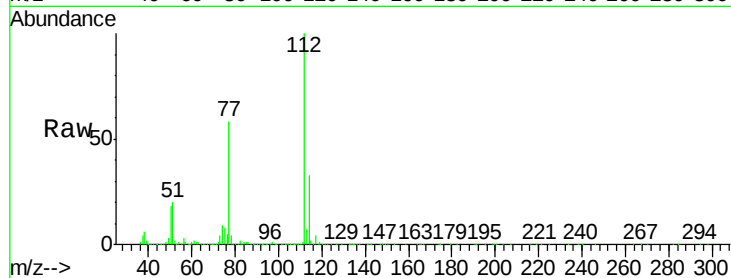
Ion Ratio Lower Upper

112 100

114 32.8 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 49.207 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

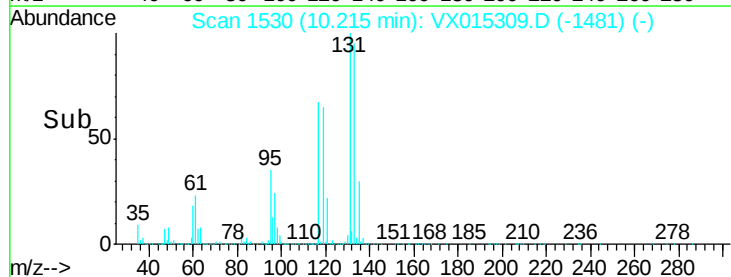
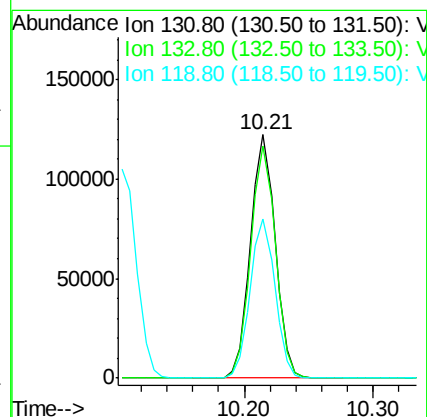
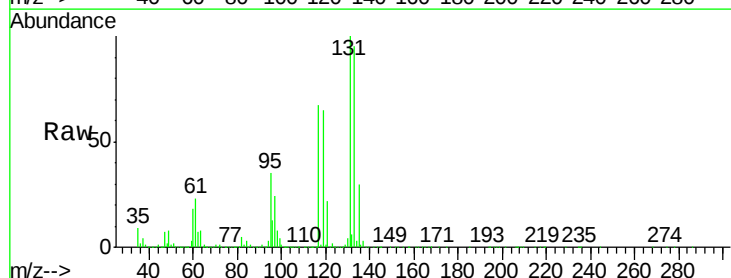
Tgt Ion:131 Resp: 161843

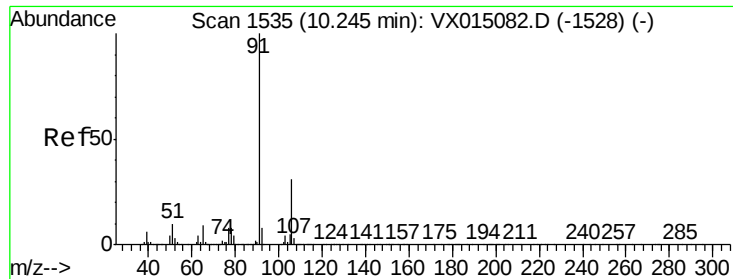
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

119 65.3 33.4 100.1





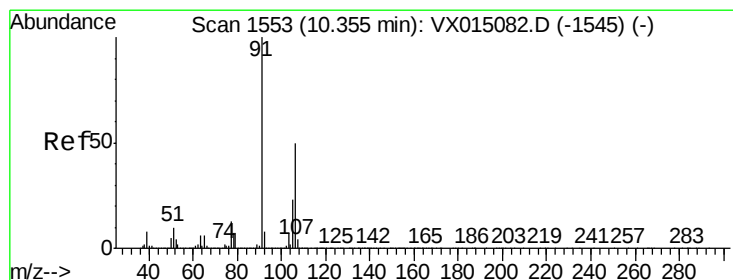
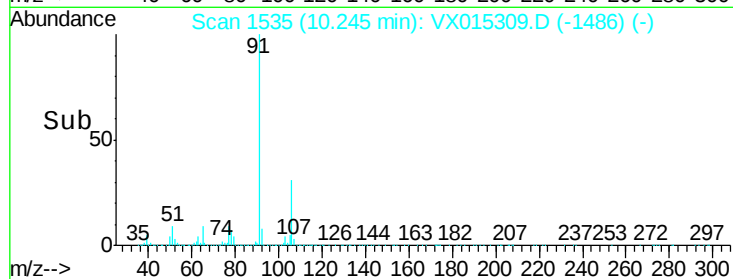
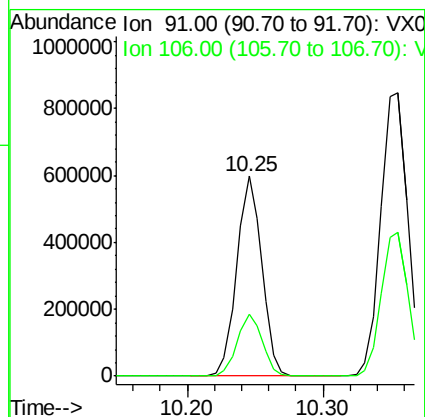
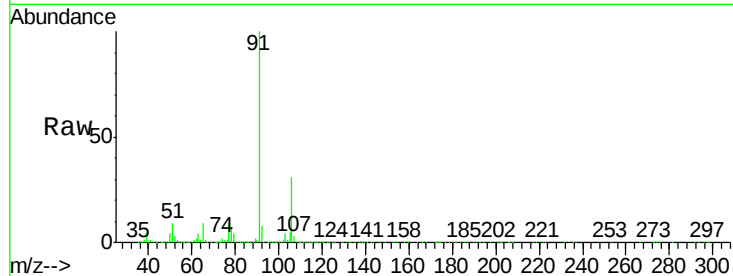
#67
Ethyl Benzene
Concen: 51.512 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 762976
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

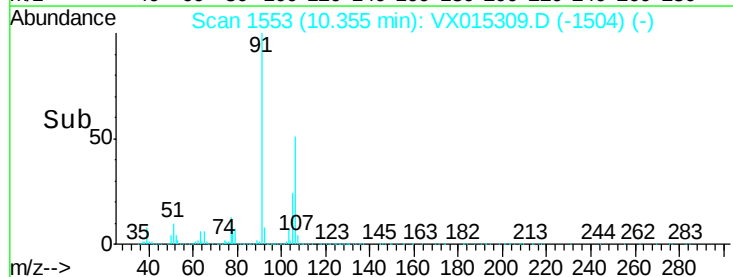
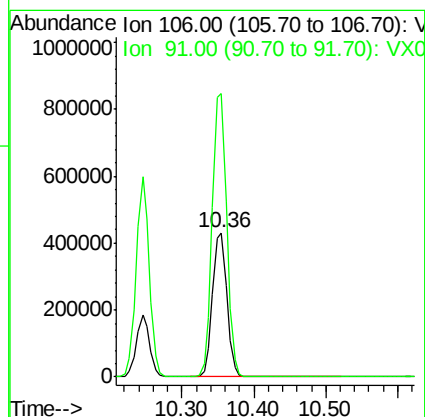
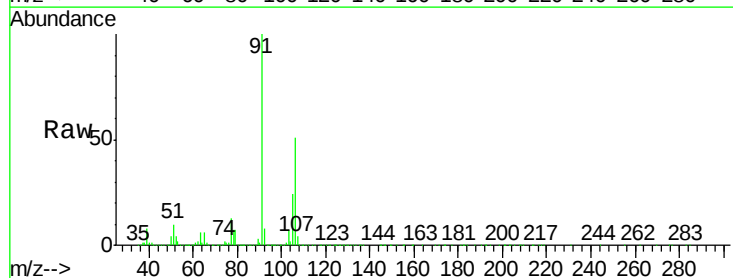
Manual Integrations
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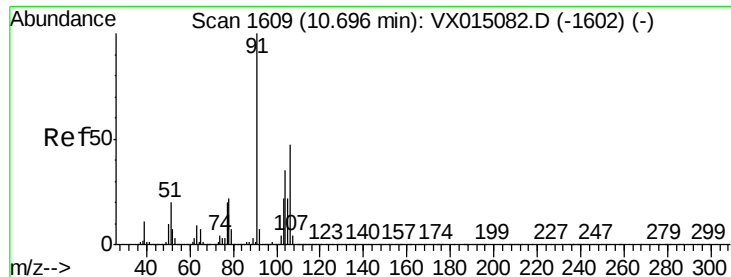
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#68
m/p-Xylenes
Concen: 104.929 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 106 Resp: 591305
Ion Ratio Lower Upper
106 100
91 198.7 159.4 239.2





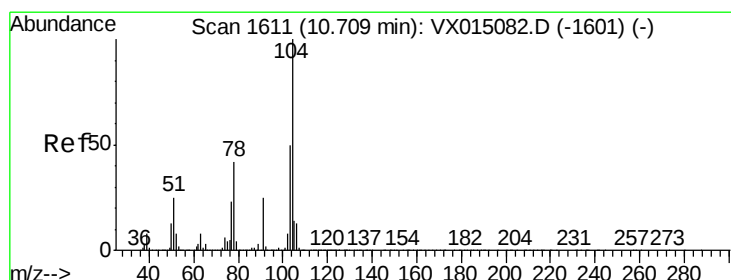
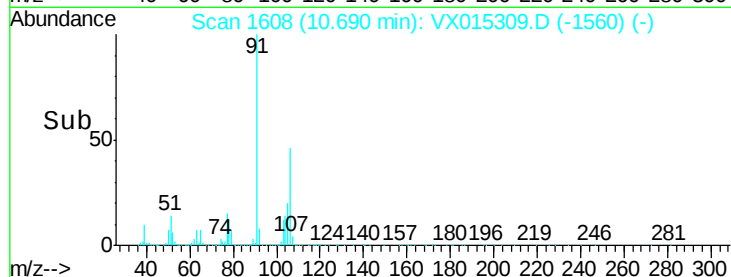
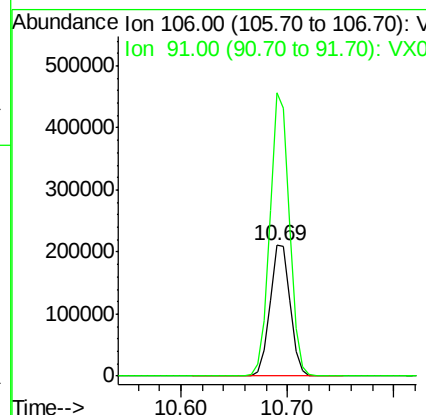
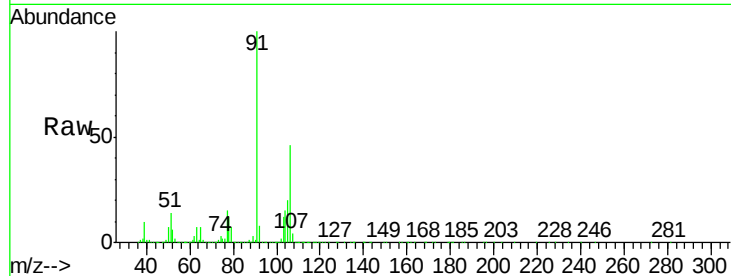
#69
o-Xylene
Concen: 52.014 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	105.4	316.1

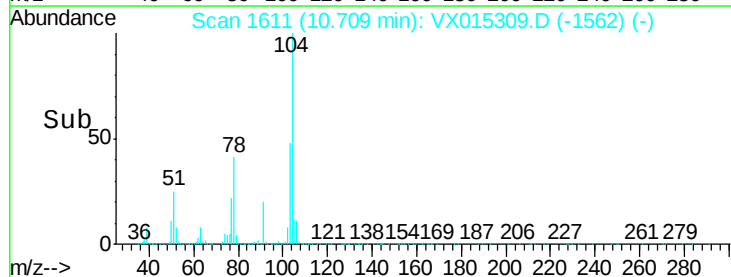
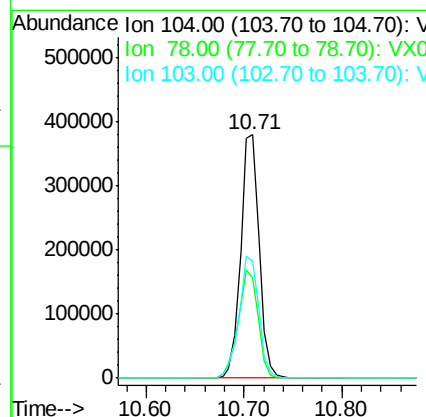
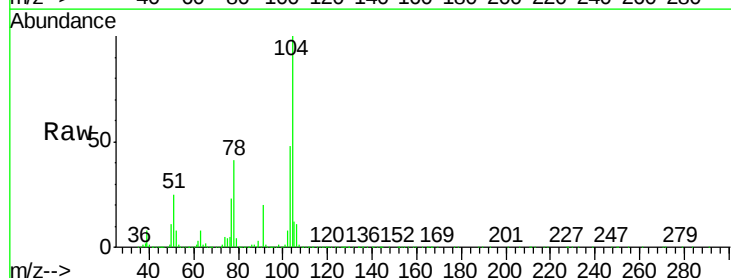
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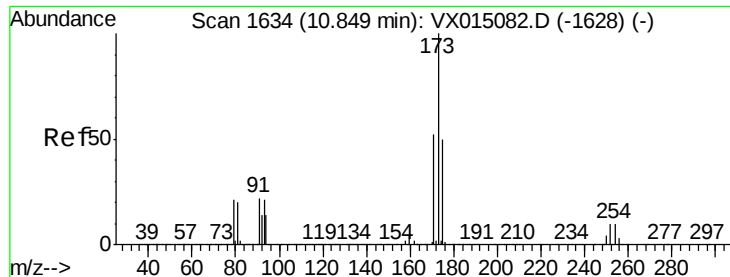
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#70
Styrene
Concen: 53.730 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	39.0	58.4
103	53.9	43.7	65.5





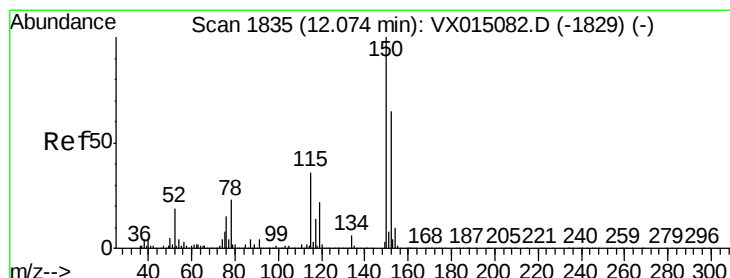
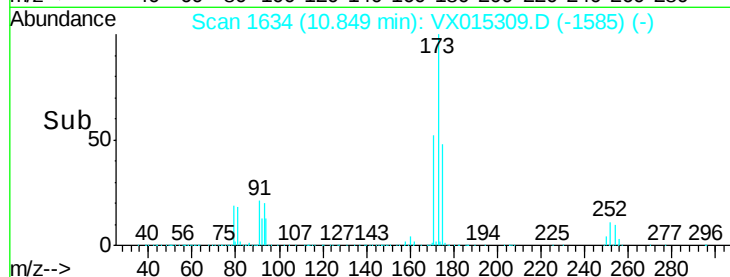
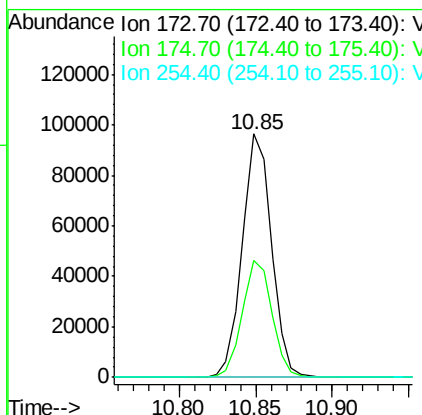
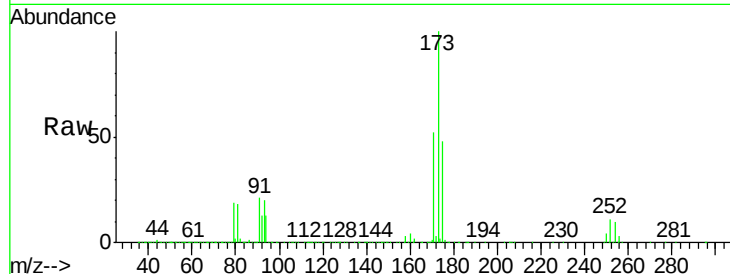
#71
Bromoform
Concen: 50.228 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.9	74.7
254	0.1	0.2	0.2

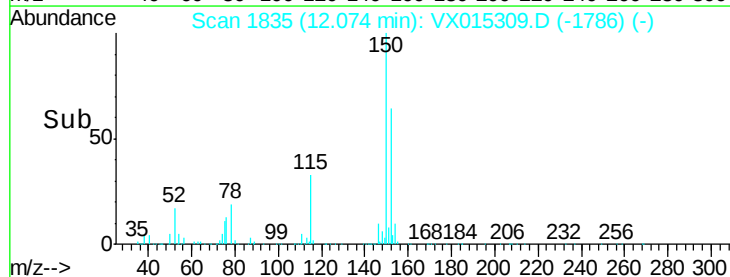
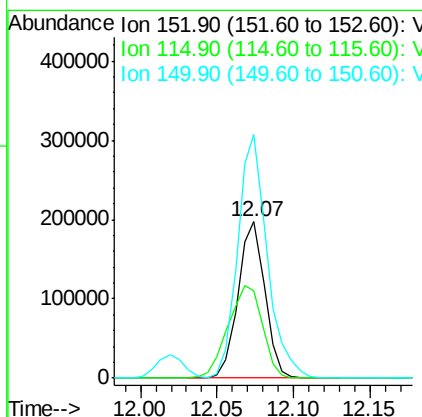
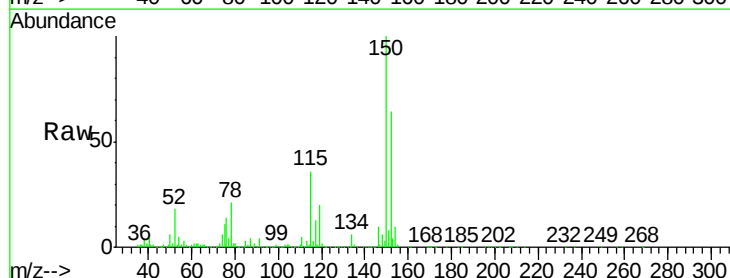
Manual Integrations
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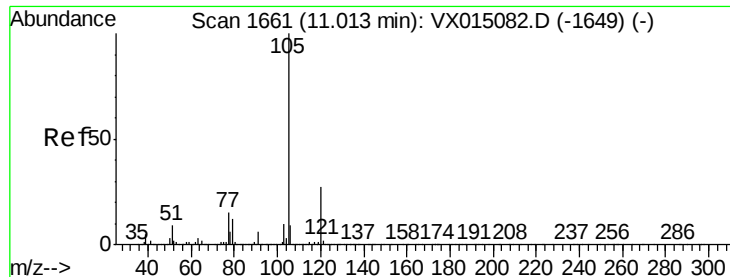
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.0	38.2	114.6
150	171.1	0.0	343.8





#73

Isopropylbenzene

Concen: 50.104 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 763410

Ion Ratio Lower Upper

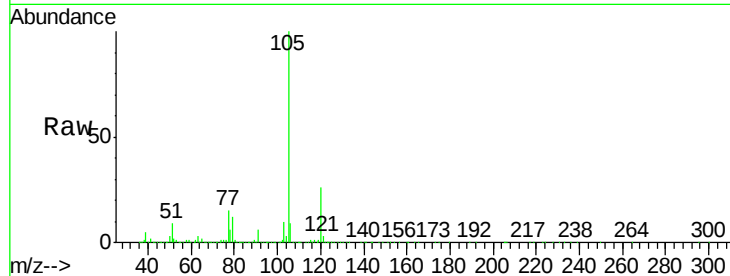
105 100

120 26.6 13.5 40.5

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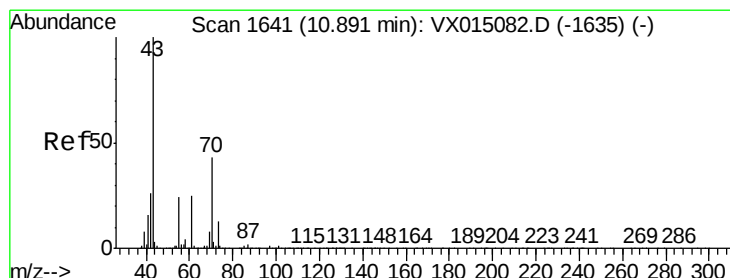
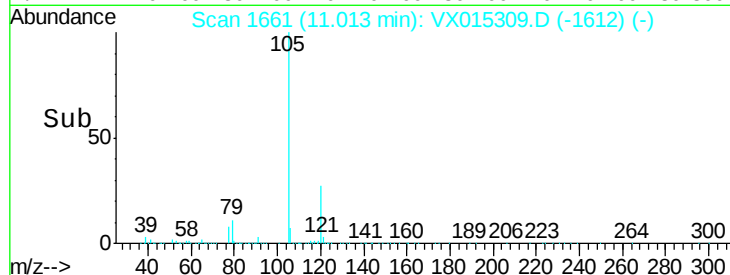
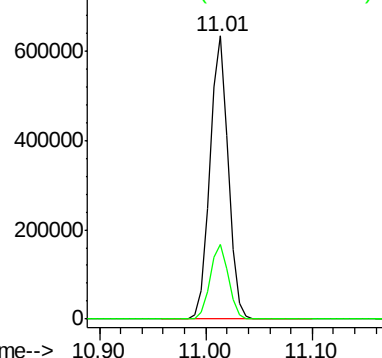
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.613 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion: 43 Resp: 312150

Ion Ratio Lower Upper

43 100

70 43.0 34.7 52.1

55 25.3 19.4 29.0

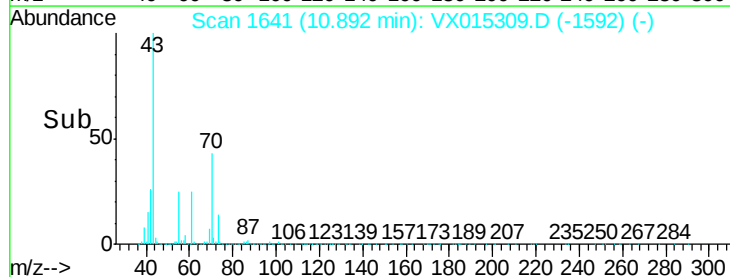
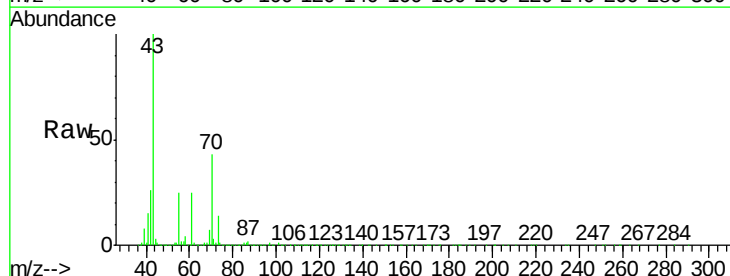
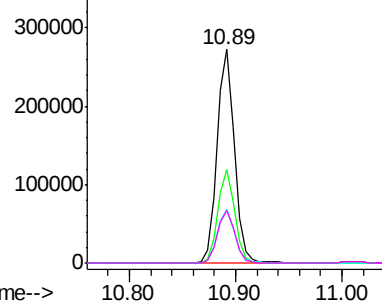
61 24.8 19.0 28.6

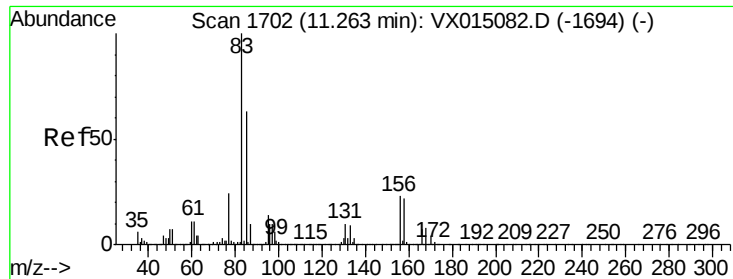
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.638 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

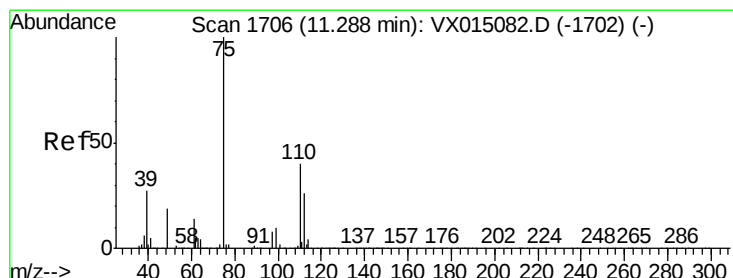
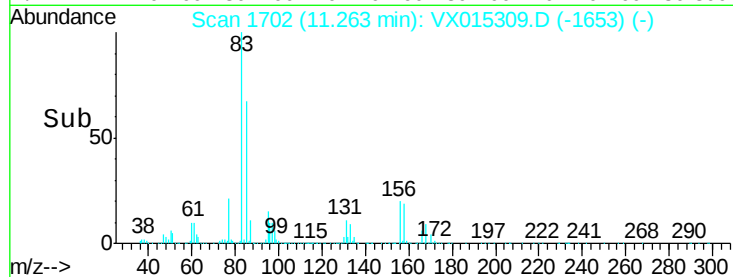
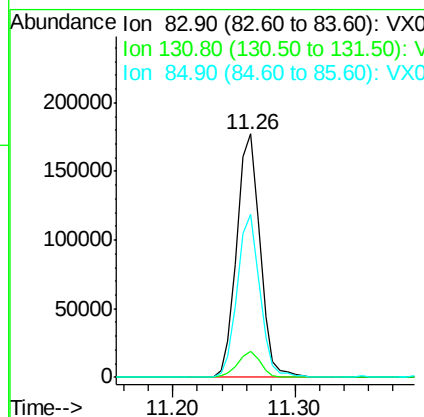
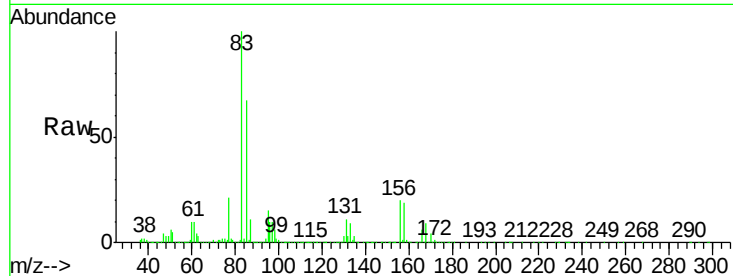
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	231739
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	14.9
85	65.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.422 ug/l m

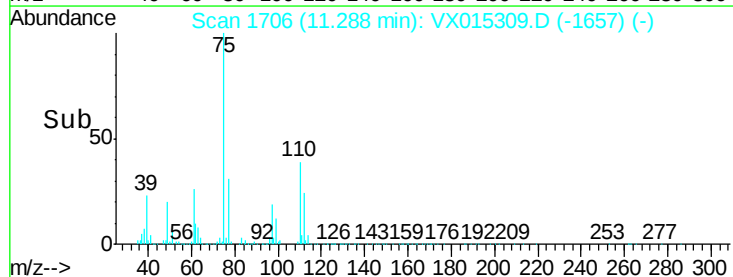
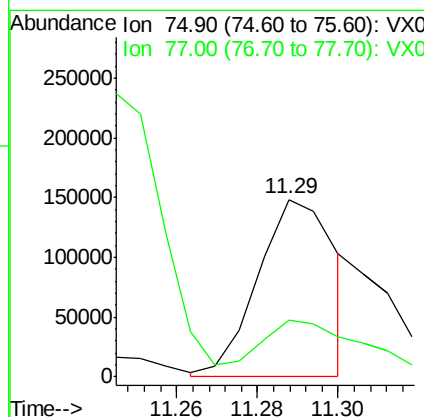
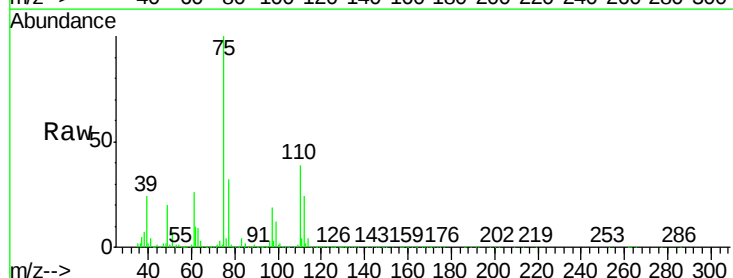
RT: 11.29 min Scan# 1706

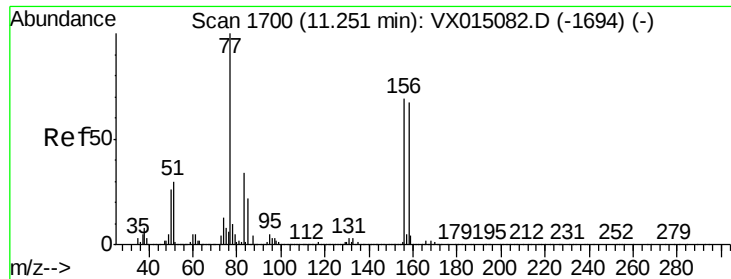
Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion:	75	Resp:	197069
Ion Ratio	Lower	Upper	
75	100		
77	43.2	22.6	67.8





#77

Bromobenzene

Concen: 46.285 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

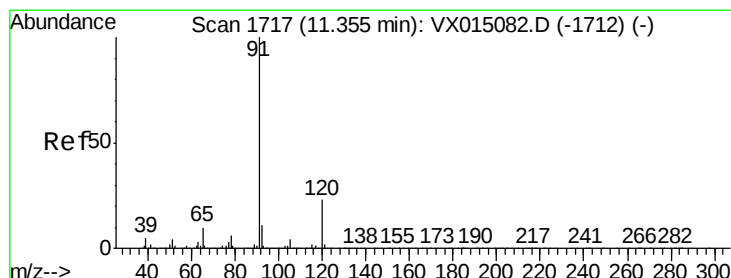
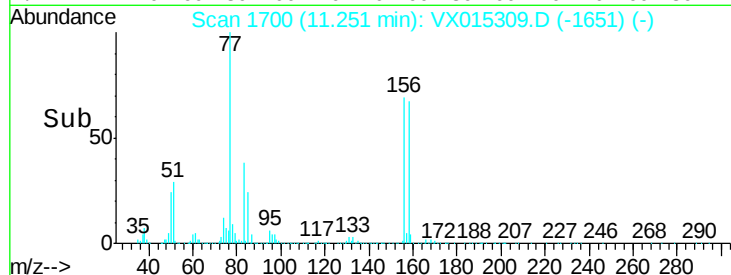
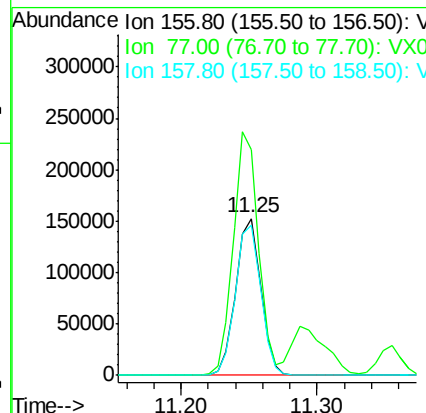
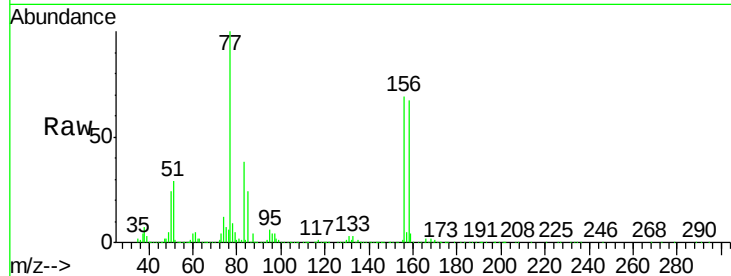
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.0	75.3	225.9
158	97.5	48.5	145.6

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#78

n-propylbenzene

Concen: 51.684 ug/l

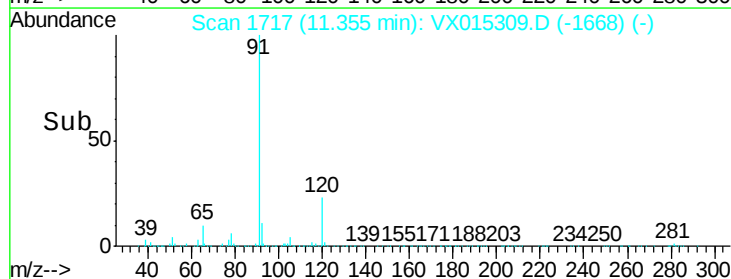
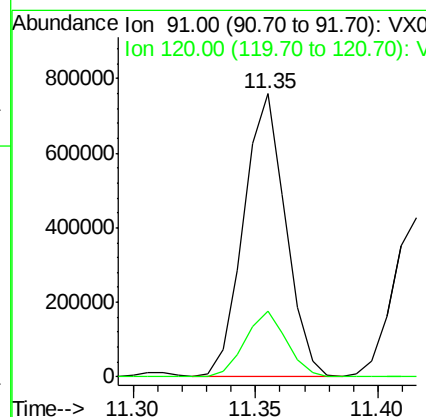
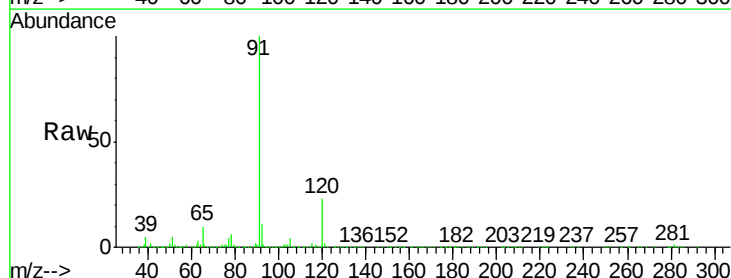
RT: 11.35 min Scan# 1717

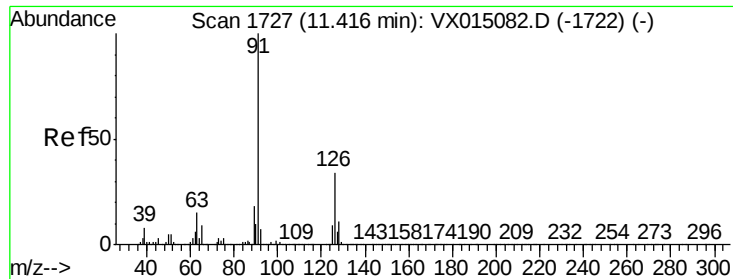
Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.7	35.1





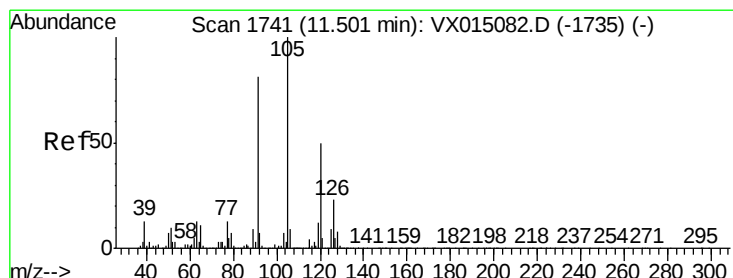
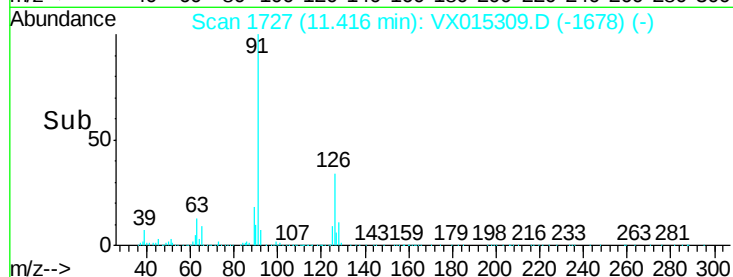
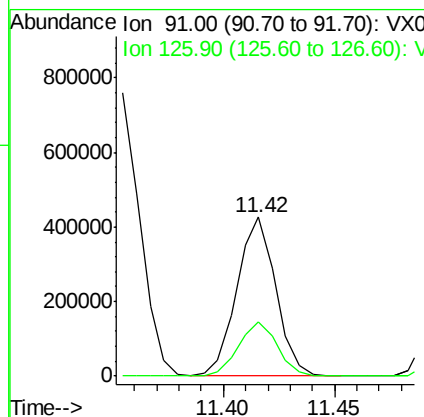
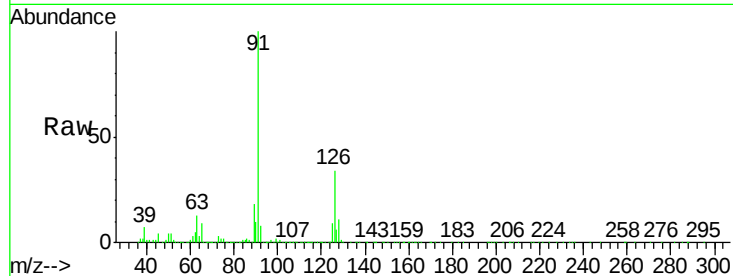
#79
 2-Chlorotoluene
 Concen: 49.686 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 516510
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.3 52.0

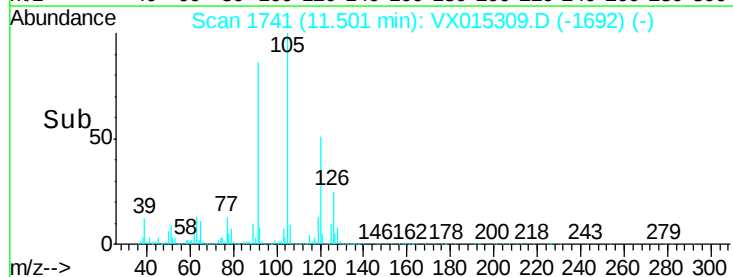
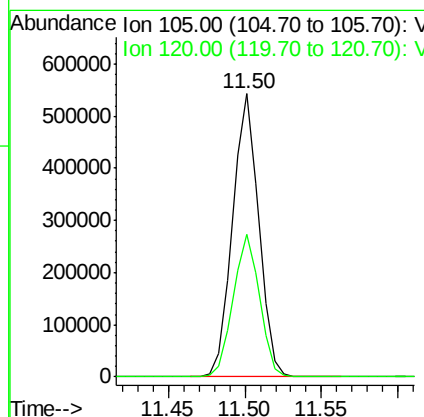
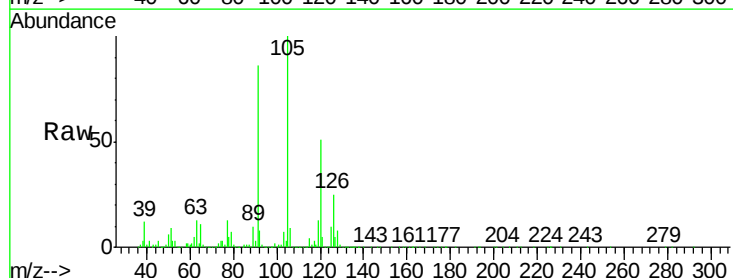
Manual Integrations
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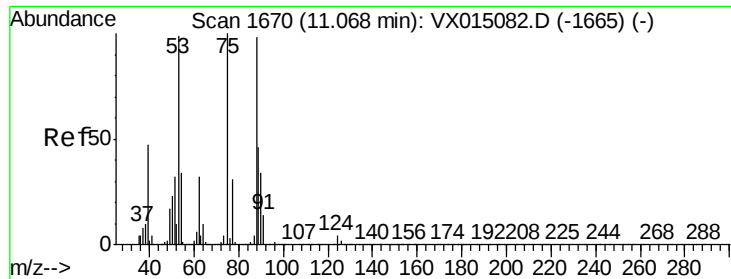
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.692 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion: 105 Resp: 642960
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.4





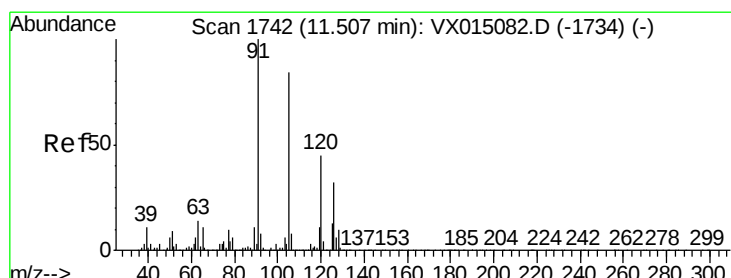
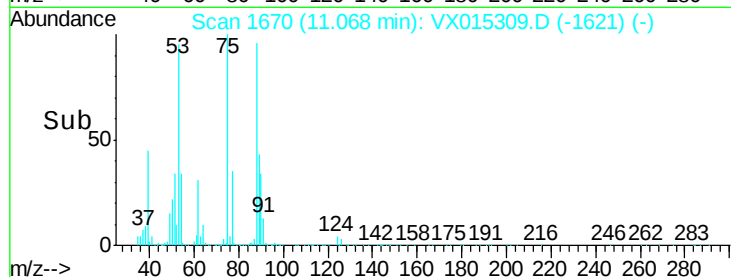
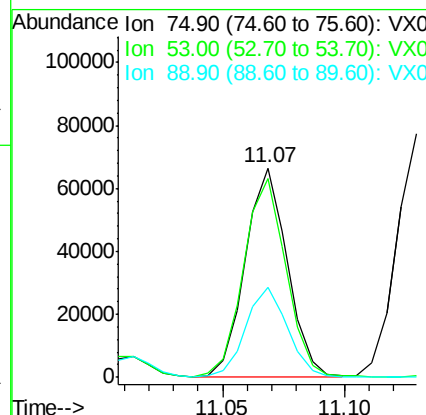
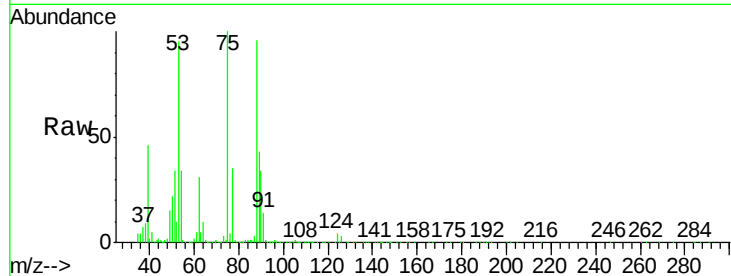
#81
trans-1,4-Dichloro-2-butene
Concen: 46.777 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.6	77.9	116.9
89	43.8	36.2	54.2

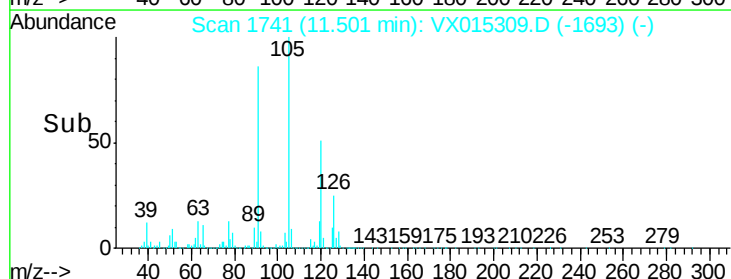
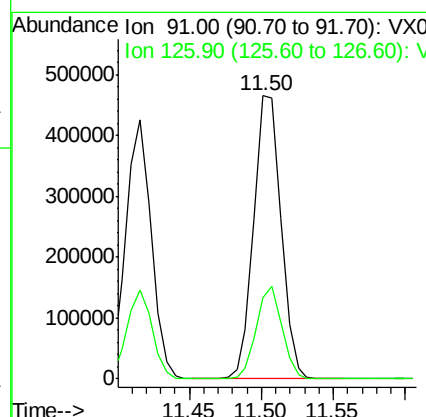
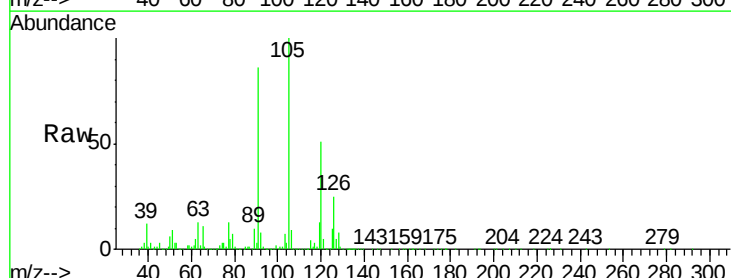
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#82
4-Chlorotoluene
Concen: 49.458 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.2





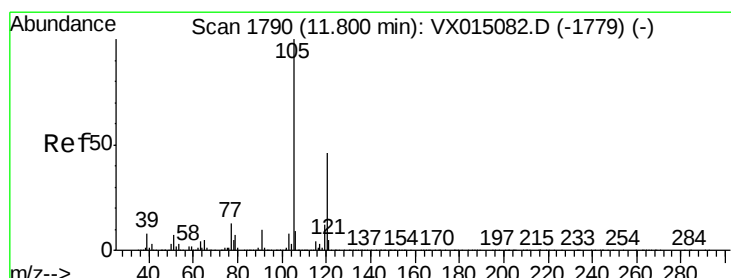
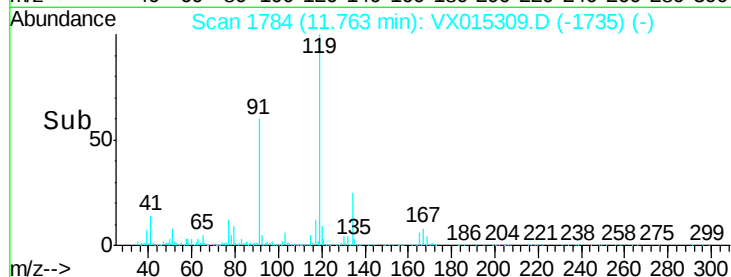
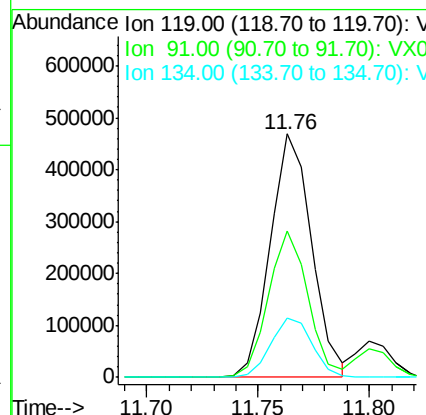
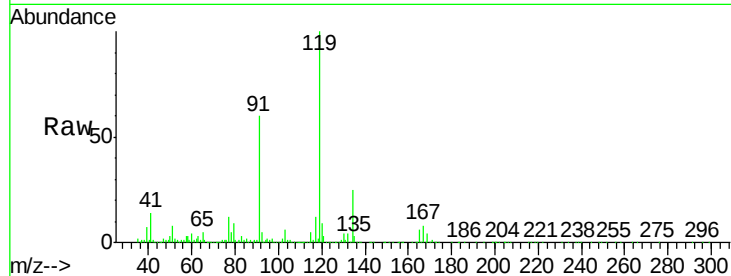
#83
tert-Butylbenzene
Concen: 49.273 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	28.5	85.6
134	24.4	11.9	35.7

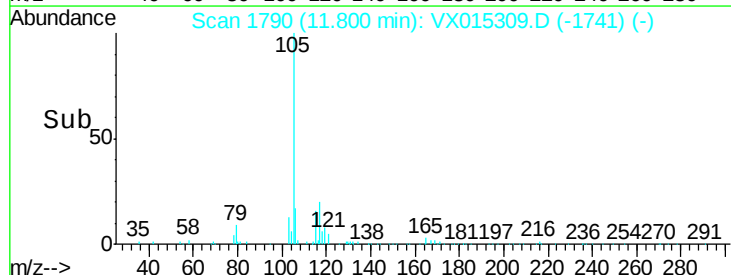
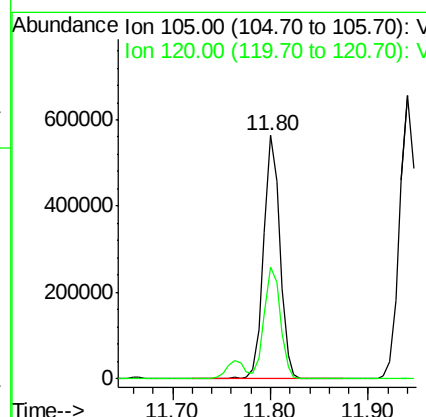
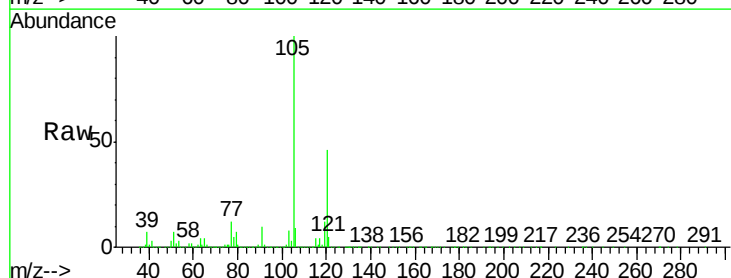
Manual Integrations
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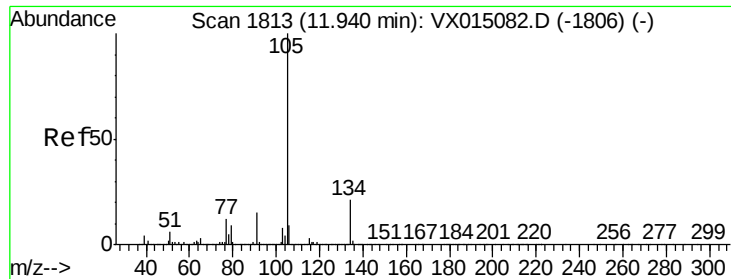
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#84
1,2,4-Trimethylbenzene
Concen: 51.217 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.5





#85

sec-Butylbenzene

Concen: 51.549 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 763189

Ion Ratio Lower Upper

105 100

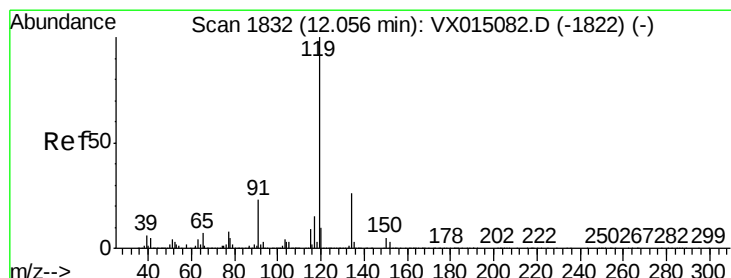
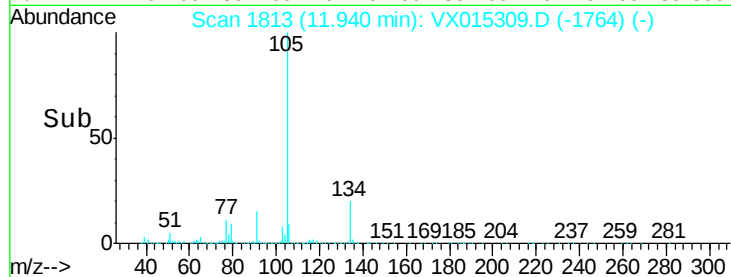
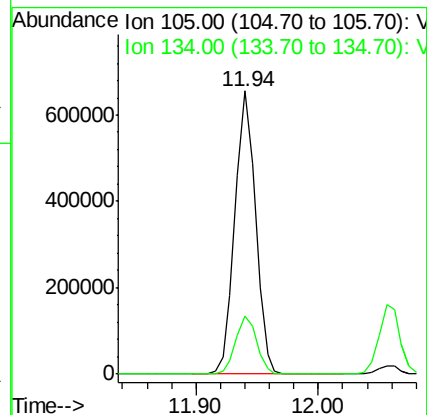
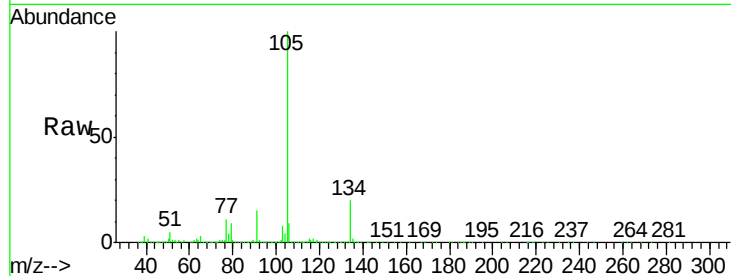
134 20.7 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.981 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

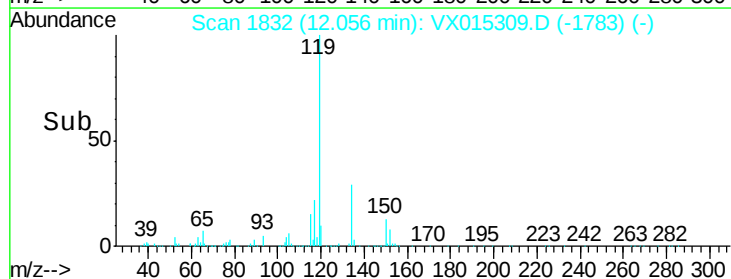
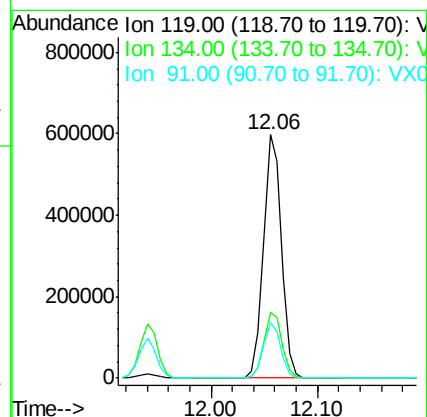
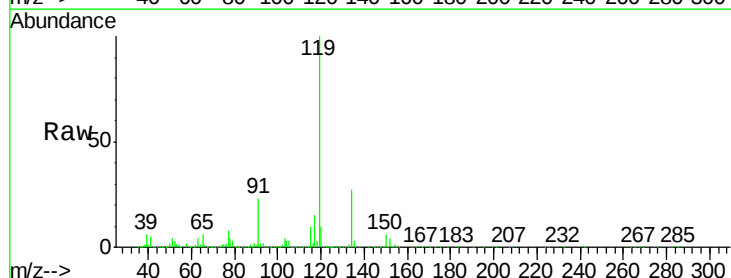
Tgt Ion:119 Resp: 709029

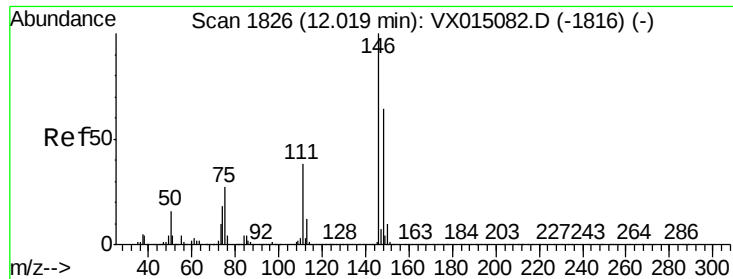
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.2 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.758 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

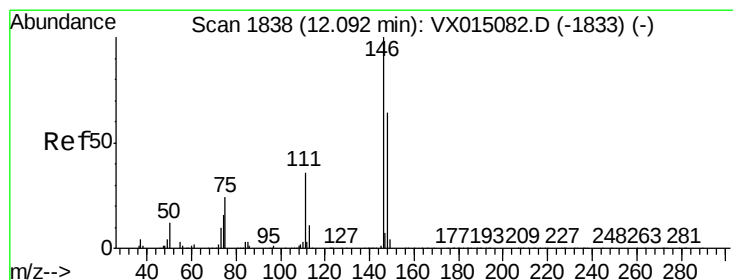
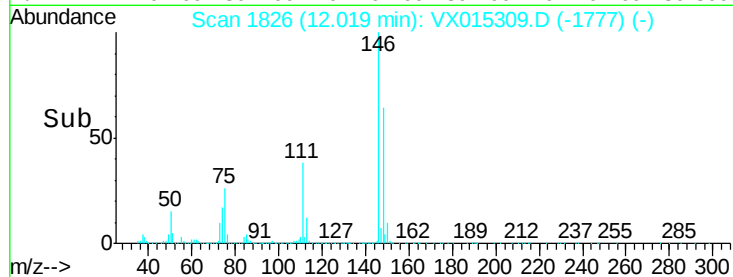
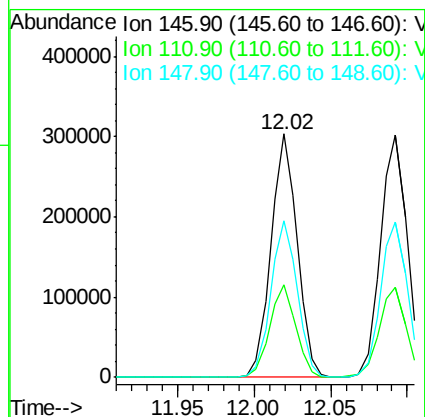
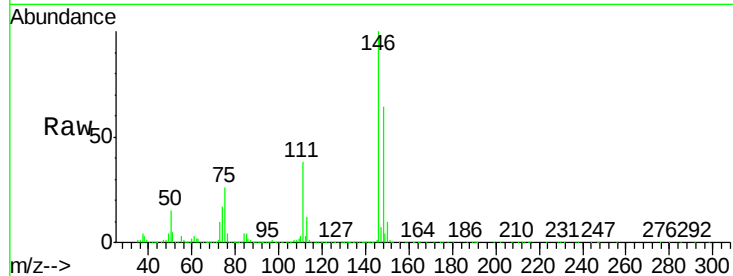
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.7	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 47.504 ug/l

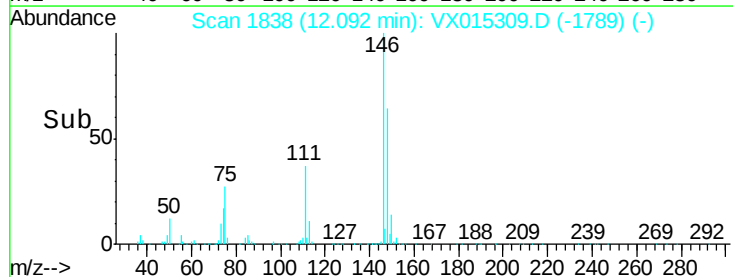
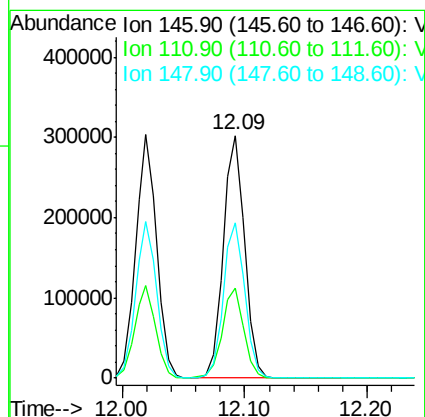
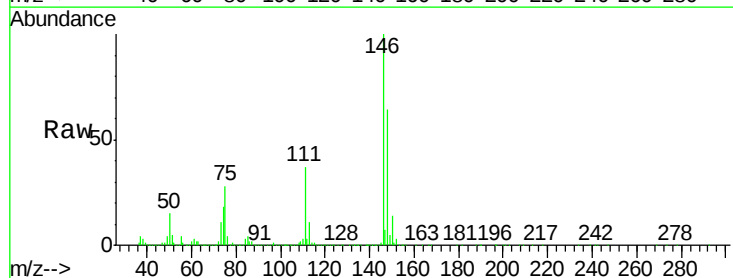
RT: 12.09 min Scan# 1838

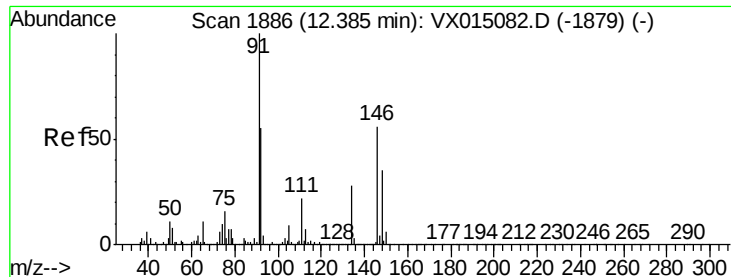
Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.2	32.5	97.4





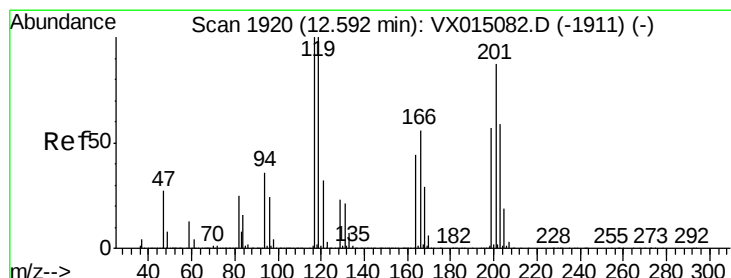
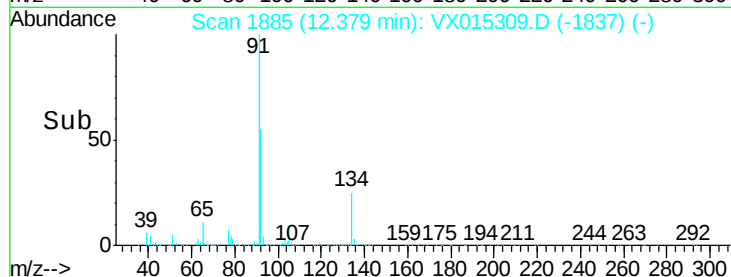
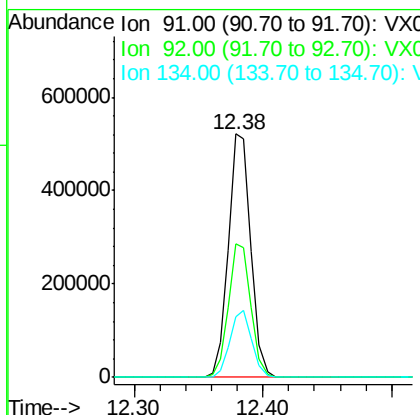
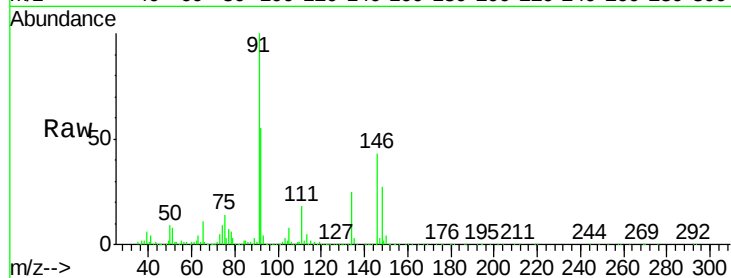
#89
n-Butylbenzene
Concen: 52.641 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	26.9	13.5	40.5

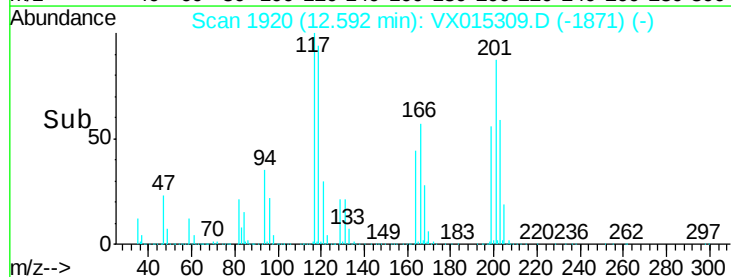
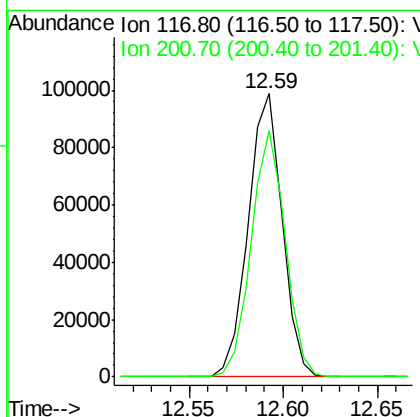
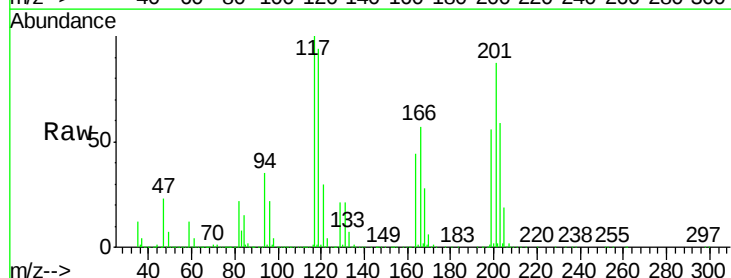
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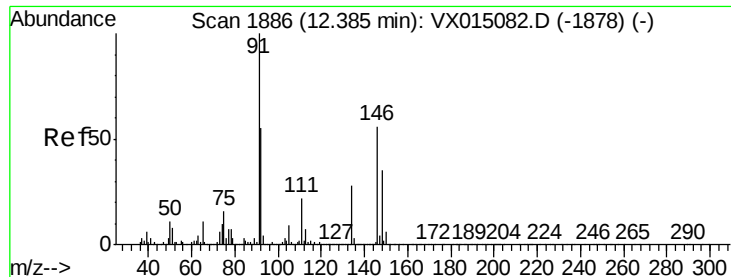
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3/18/2020 4:16:46 PM



#90
Hexachloroethane
Concen: 47.753 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	43.5	130.7





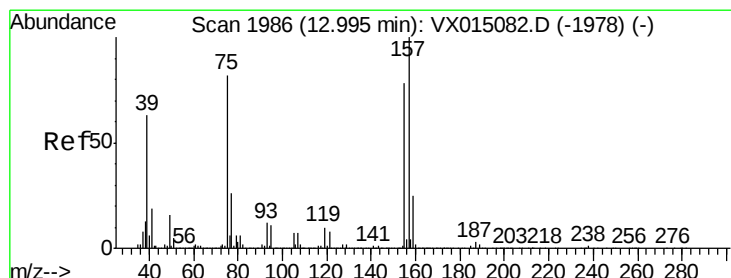
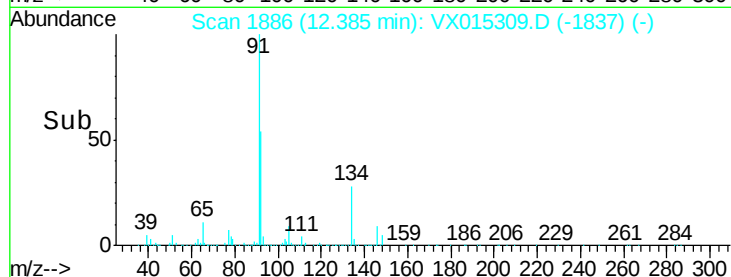
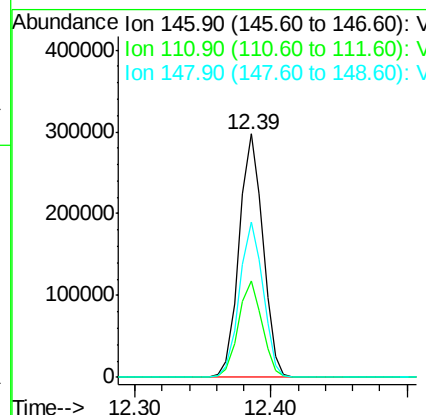
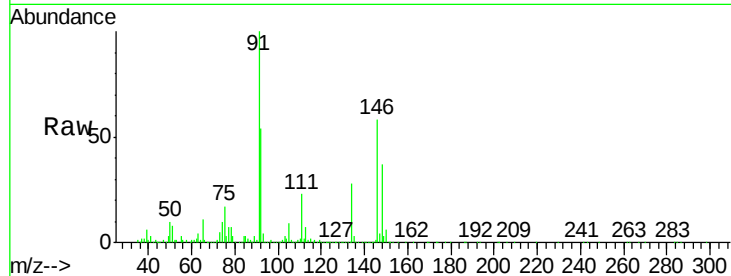
#91
 1,2-Dichlorobenzene
 Concen: 48.685 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.7
148	63.7	32.3	96.8

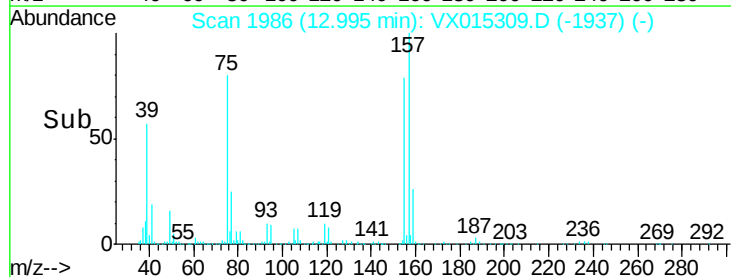
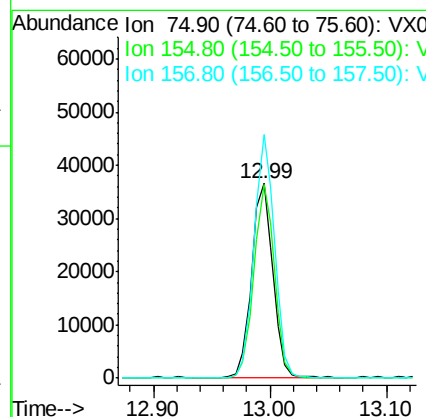
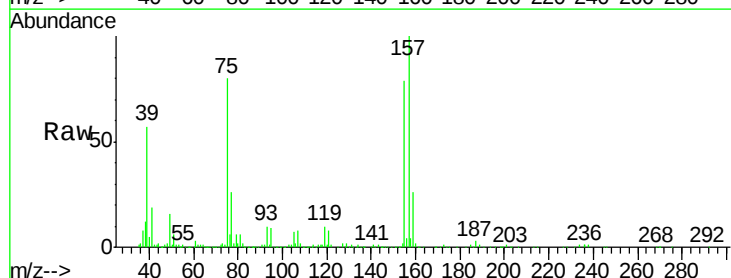
Manual Integrations
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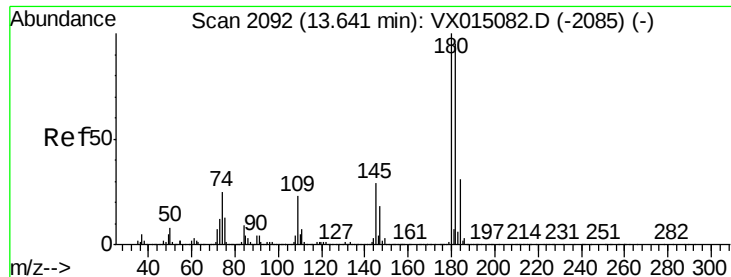
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.599 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	46.6	139.7
157	121.7	59.2	177.5





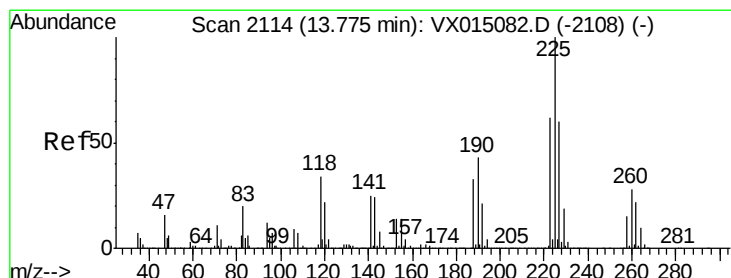
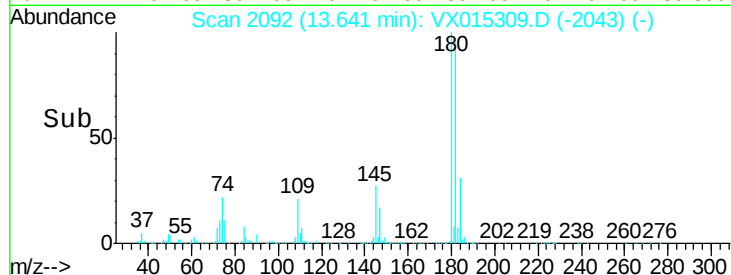
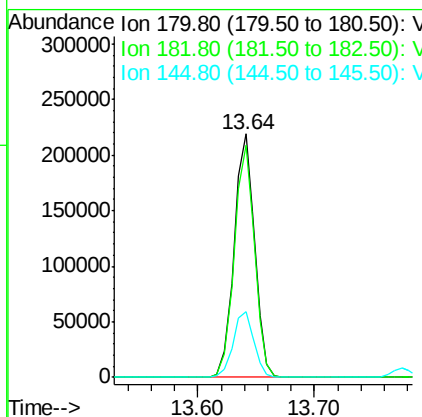
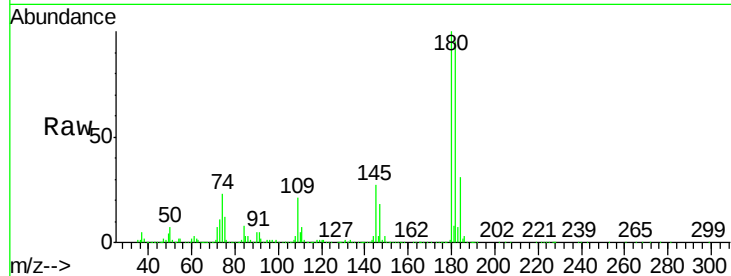
#93
1,2,4-Trichlorobenzene
Concen: 51.966 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.8
145	27.5	14.1	42.2

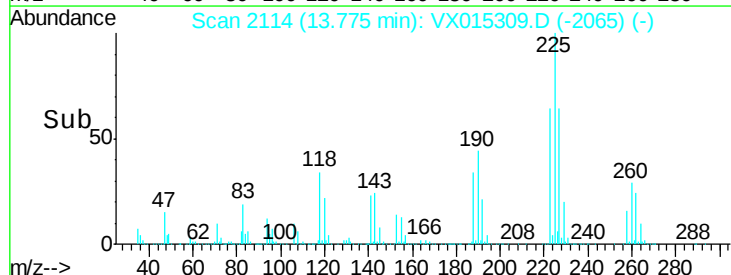
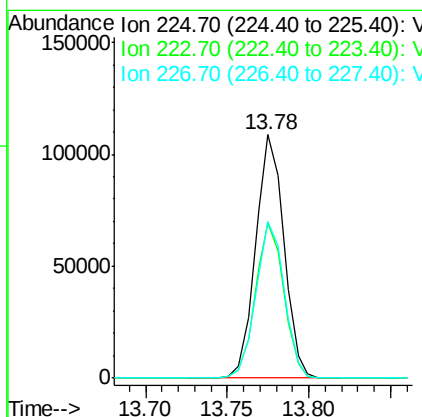
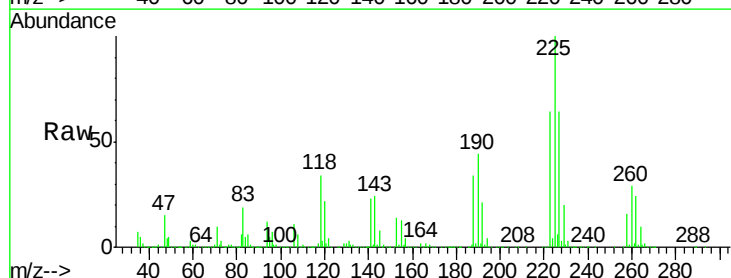
Manual Integrations
APPROVED

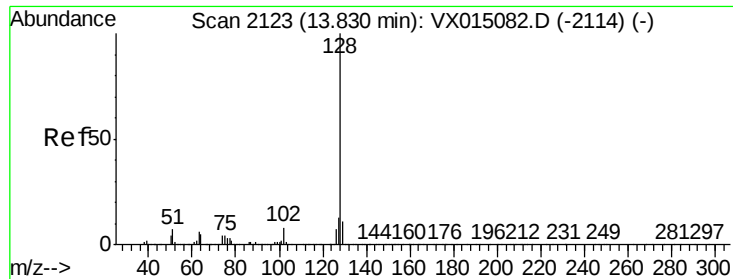
MMDadoda
3/18/2020 4:16:46 PM



#94
Hexachlorobutadiene
Concen: 49.757 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.3	93.9
227	64.7	31.1	93.2





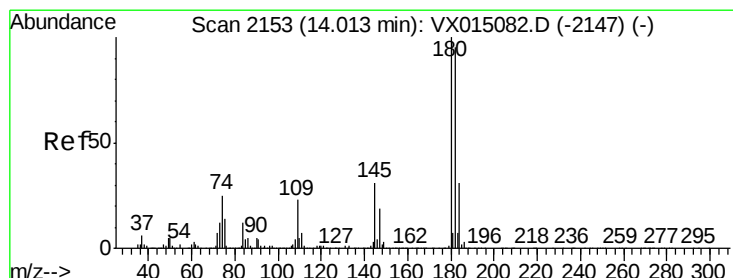
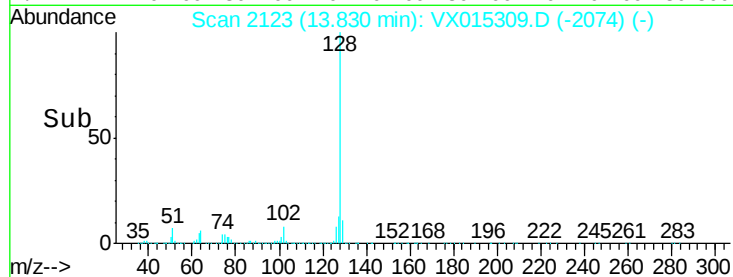
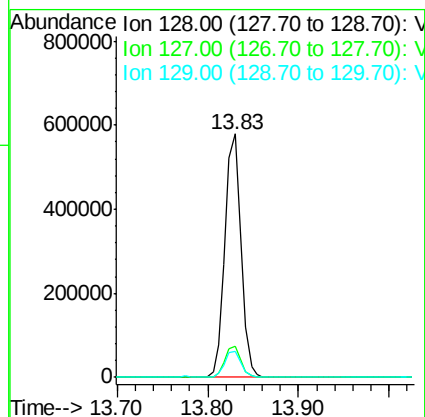
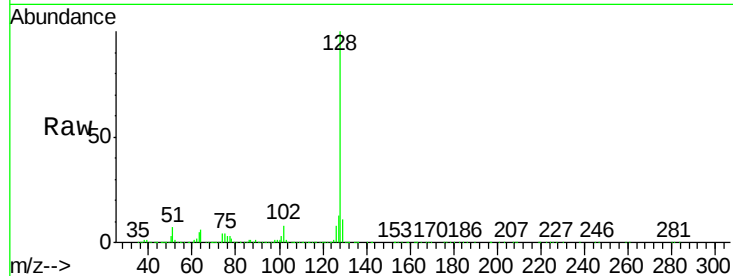
#95
Naphthalene
Concen: 45.734 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/18/2020 4:16:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.361 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	29.4	15.1	45.3

