

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015096.D
 Acq On : 05 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
 3/6/2020 4:49:28 PM

Quant Time: Mar 06 03:27:50 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	5.65	168	384462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	560117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	520173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	224351	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	5.48	113	182437	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	8.71	98	708145	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	252346	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	171458	50.929	ug/l	98
3) Chloromethane	1.32	50	237217	49.742	ug/l	99
4) Vinyl Chloride	1.40	62	246097	50.892	ug/l	100
5) Bromomethane	1.64	94	146567	49.301	ug/l	99
6) Chloroethane	1.72	64	147720	50.925	ug/l	100
7) Trichlorofluoromethane	1.92	101	299300	52.017	ug/l	97
8) Diethyl Ether	2.18	74	130823	50.198	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	189289	52.289	ug/l	98
10) Methyl Iodide	2.50	142	197270	48.233	ug/l	98
11) Tert butyl alcohol	3.03	59	180762	228.421	ug/l	100
12) 1,1-Dichloroethene	2.37	96	185491	49.648	ug/l	99
13) Acrolein	2.28	56	158865	213.618	ug/l	98
14) Allyl chloride	2.72	41	315471	48.426	ug/l	98
15) Acrylonitrile	3.13	53	454546	230.641	ug/l	100
16) Acetone	2.43	43	488124	264.254	ug/l	99
17) Carbon Disulfide	2.56	76	492150	47.434	ug/l	98
18) Methyl Acetate	2.76	43	197092	43.636	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	572415	49.029	ug/l	99
20) Methylene Chloride	2.85	84	197744	45.743	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	192690	48.302	ug/l	97
22) Diisopropyl ether	3.84	45	649593	50.050	ug/l	96
23) Vinyl Acetate	3.80	43	2688619	252.006	ug/l	100
24) 1,1-Dichloroethane	3.69	63	343816	47.730	ug/l	99
25) 2-Butanone	4.65	43	684396	253.080	ug/l	99
26) 2,2-Dichloropropane	4.57	77	283606	49.595	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	220079	49.174	ug/l	99
28) Bromochloromethane	5.00	49	167903	51.188	ug/l	96
29) Tetrahydrofuran	5.11	42	396209	227.288	ug/l	99
30) Chloroform	5.20	83	345522	49.213	ug/l	100
31) Cyclohexane	5.57	56	325025	50.586	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	296827	51.002	ug/l	98
36) 1,1-Dichloropropene	5.79	75	266489	51.465	ug/l	99
37) Ethyl Acetate	4.81	43	248621	51.762	ug/l	100
38) Carbon Tetrachloride	5.78	117	260359	53.269	ug/l	99

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Quant Time: Mar 06 03:27:50 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)
39) Methylcyclohexane	7.45	83	333381	55.138	ug/l	99
40) Benzene	6.13	78	785497	51.131	ug/l	97
41) Methacrylonitrile	5.02	41	140050	48.543	ug/l	99
42) 1,2-Dichloroethane	6.18	62	277881	52.672	ug/l	97
43) Isopropyl Acetate	6.43	43	421531	49.887	ug/l	99
44) Trichloroethene	7.20	130	222205	51.937	ug/l	98
45) 1,2-Dichloropropane	7.50	63	204974	51.547	ug/l	99
46) Dibromomethane	7.65	93	131654	50.812	ug/l	99
47) Bromodichloromethane	7.89	83	272270	53.139	ug/l	97
48) Methyl methacrylate	7.76	41	213917	49.741	ug/l	99
49) 1,4-Dioxane	7.73	88	90150	969.522	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1279486	256.104	ug/l	100
52) Toluene	8.78	92	501500	53.390	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	298471	54.729	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	330990	53.685	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	196735	50.886	ug/l	98
56) Ethyl methacrylate	9.17	69	298592	54.145	ug/l	100
57) 1,3-Dichloropropane	9.36	76	335064	51.513	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	839098	279.304	ug/l	100
59) 2-Hexanone	9.48	43	1009157	272.529	ug/l	100
60) Dibromochloromethane	9.57	129	217380	53.525	ug/l	99
61) 1,2-Dibromoethane	9.67	107	206382	50.822	ug/l	100
64) Tetrachloroethene	9.33	164	227468	52.889	ug/l	99
65) Chlorobenzene	10.13	112	538054	51.522	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	201113	51.072	ug/l	99
67) Ethyl Benzene	10.25	91	962915	54.299	ug/l	100
68) m/p-Xylenes	10.35	106	745620	110.511	ug/l	100
69) o-Xylene	10.69	106	352661	54.593	ug/l	99
70) Styrene	10.71	104	615719	55.590	ug/l	99
71) Bromoform	10.85	173	165195	54.097	ug/l #	97
73) Isopropylbenzene	11.01	105	950180	53.046	ug/l	100
74) N-amyl acetate	10.89	43	376020	49.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	284346	47.632	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	241078m	43.102	ug/l	
77) Bromobenzene	11.25	156	246370	49.353	ug/l	99
78) n-propylbenzene	11.35	91	1111917	54.334	ug/l	100
79) 2-Chlorotoluene	11.42	91	635693	52.016	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	808062	54.191	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	97279	49.360	ug/l	99
82) 4-Chlorotoluene	11.50	91	757921	52.493	ug/l	100
83) tert-Butylbenzene	11.76	119	762275	52.869	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	808987	54.004	ug/l	100
85) sec-Butylbenzene	11.94	105	951024	54.640	ug/l	100
86) p-Isopropyltoluene	12.06	119	889444	55.466	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	444467	50.648	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	454755	50.193	ug/l	99
89) n-Butylbenzene	12.38	91	803024	56.304	ug/l	100
90) Hexachloroethane	12.59	117	155999	51.457	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	441371	50.588	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59100	49.441	ug/l	98

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Manual Integrations
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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)
93) 1,2,4-Trichlorobenzene	13.64	180	327227	54.032	ug/l	100
94) Hexachlorobutadiene	13.77	225	160158	51.535	ug/l	97
95) Naphthalene	13.83	128	900697	48.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	323503	53.538	ug/l	99

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

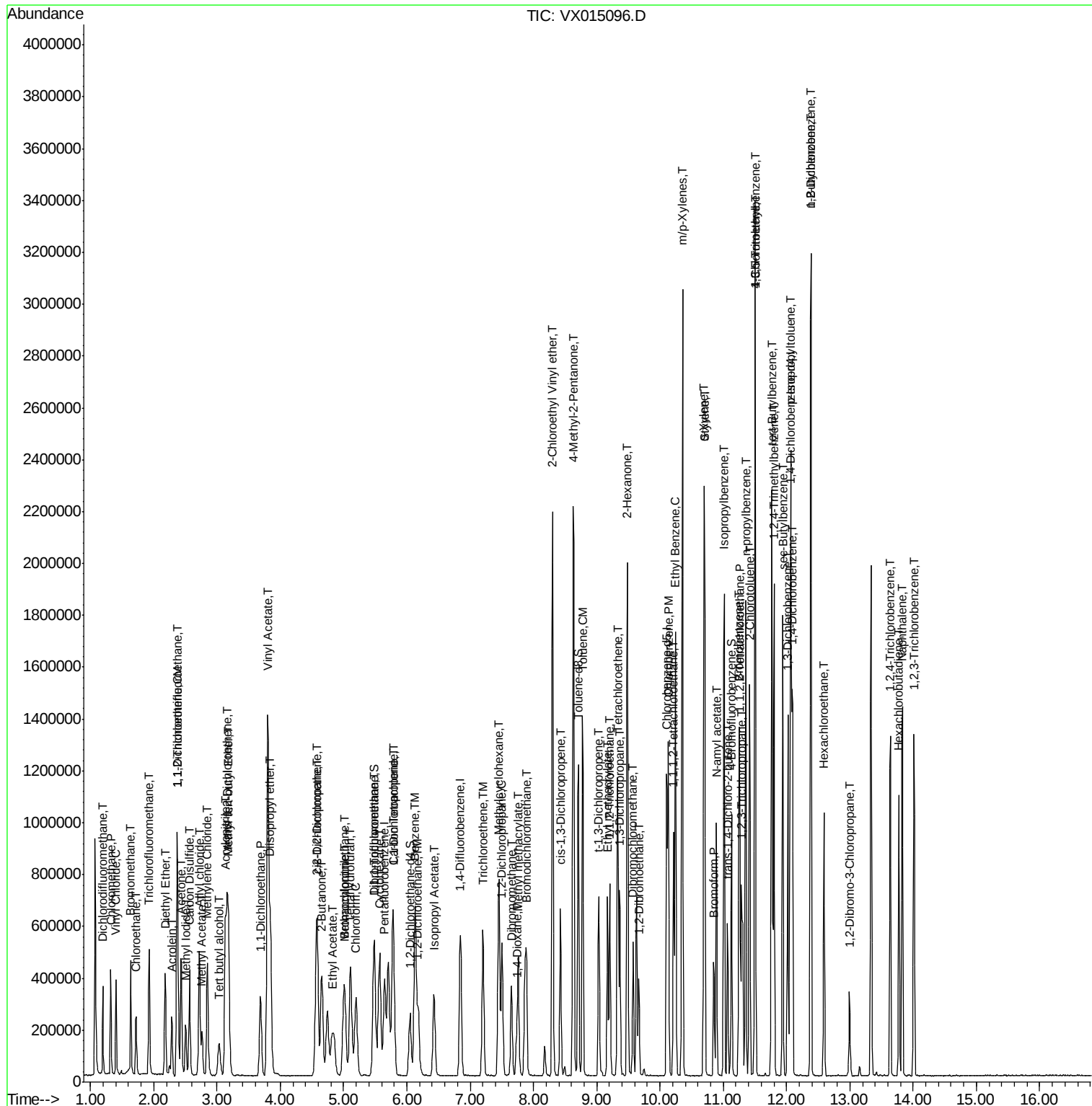
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Data File : VX015096.D
Acq On : 05 Mar 2020 08:44
Operator : JC/SP
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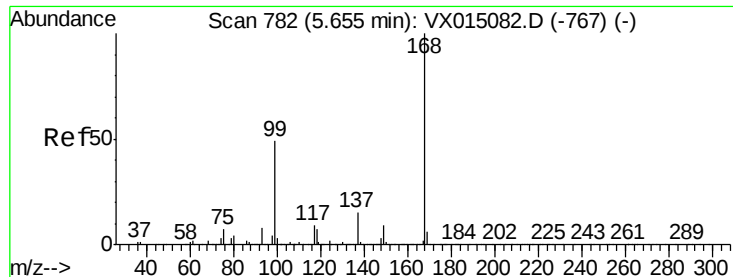
Instrument :
MSVOA_X
ClientSampleID :
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Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
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#1

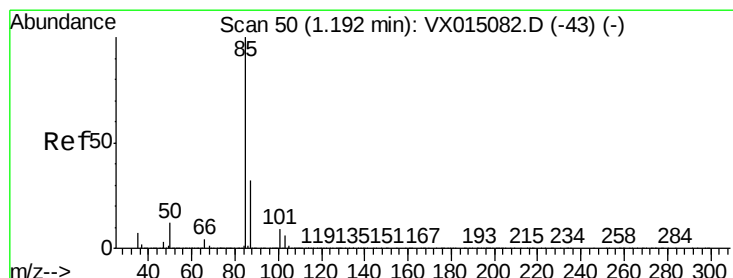
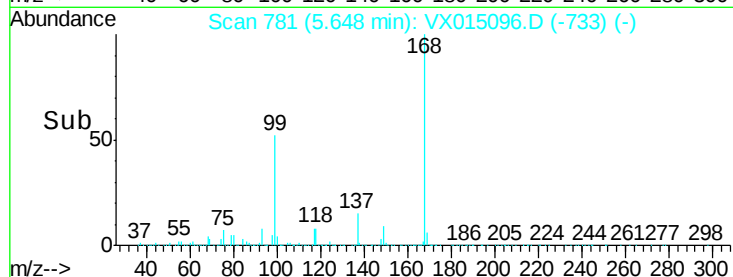
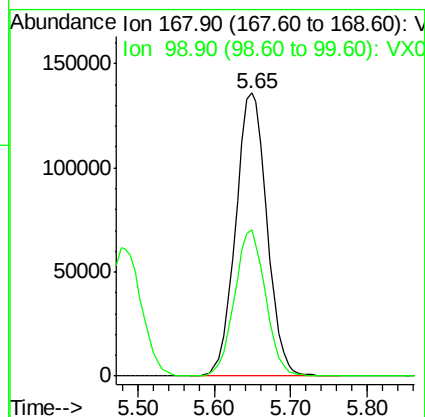
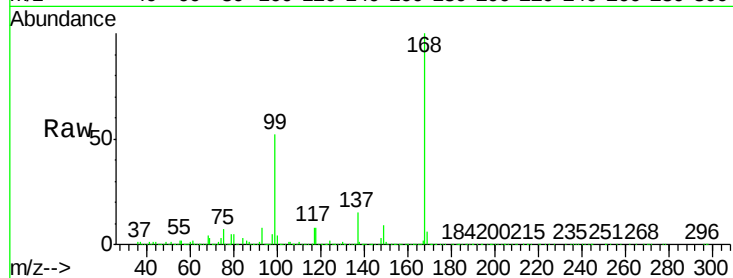
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.6	39.4	59.2

Manual Integrations
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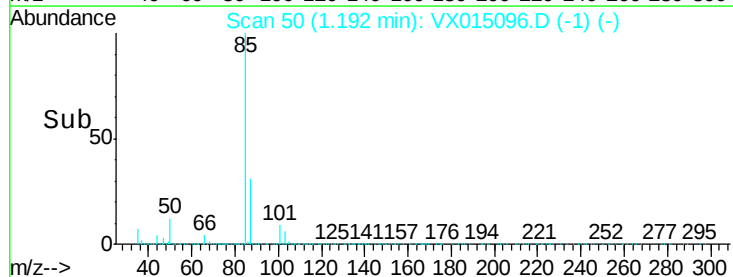
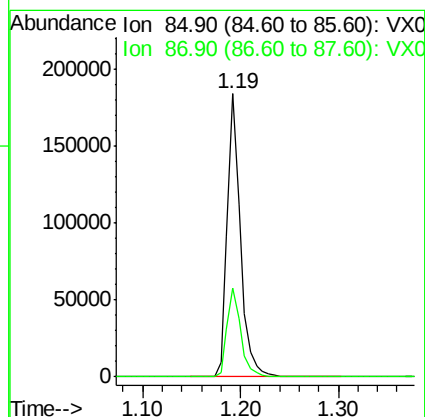
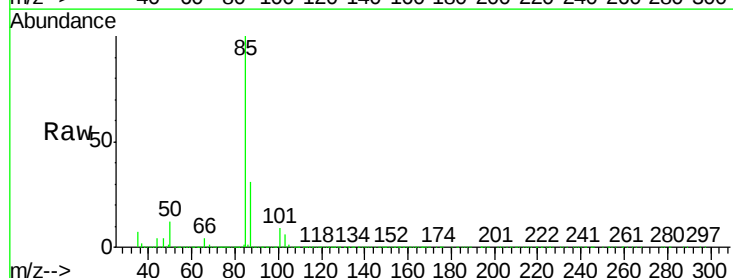
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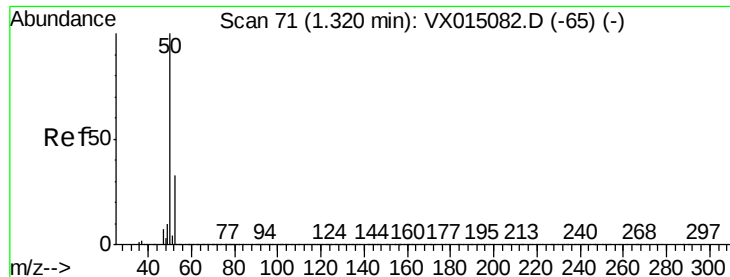


#2

Dichlorodifluoromethane
 Concen: 50.929 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.2	48.5





#3

Chloromethane

Concen: 49.742 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 237217

Ion Ratio Lower Upper

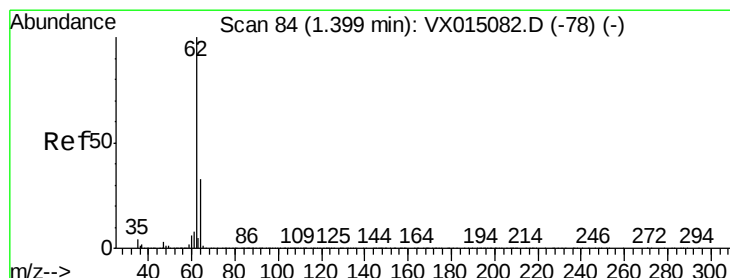
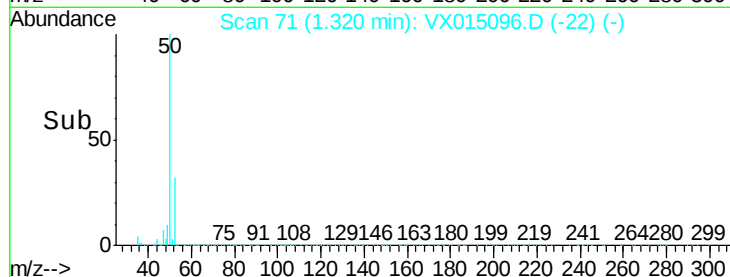
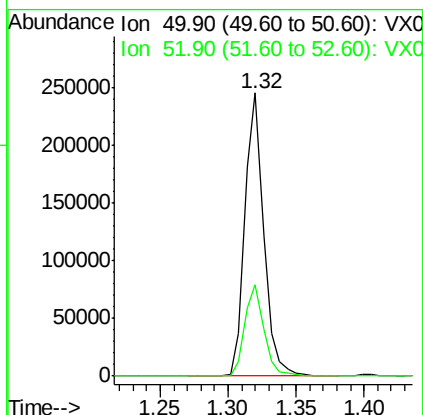
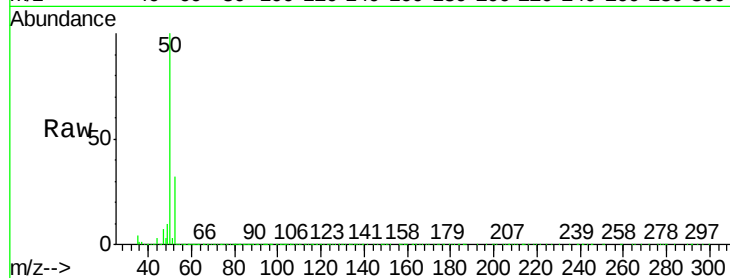
50 100

52 32.3 26.2 39.2

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 50.892 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015096.D

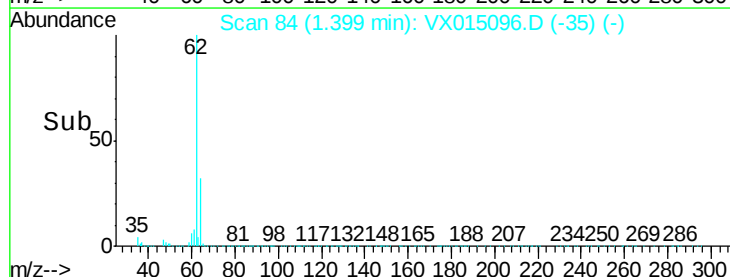
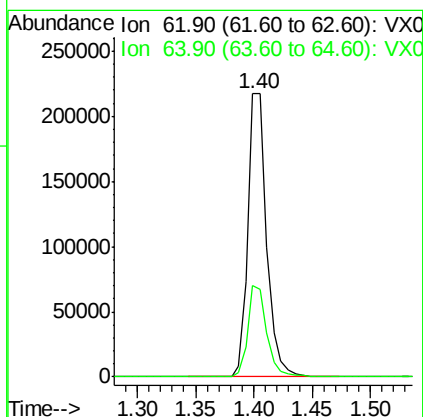
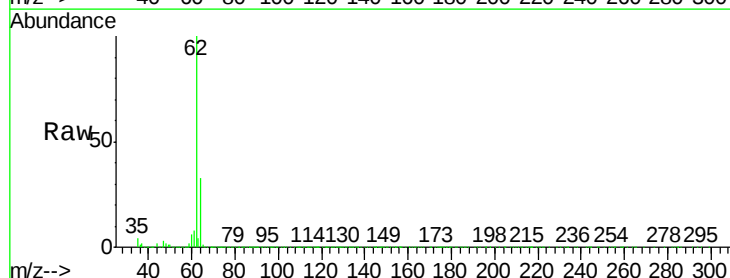
Acq: 05 Mar 2020 08:44

Tgt Ion: 62 Resp: 246097

Ion Ratio Lower Upper

62 100

64 32.3 26.1 39.1





#5

Bromomethane

Concen: 49.301 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 146567

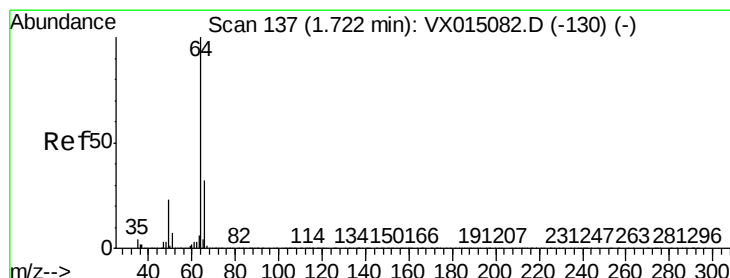
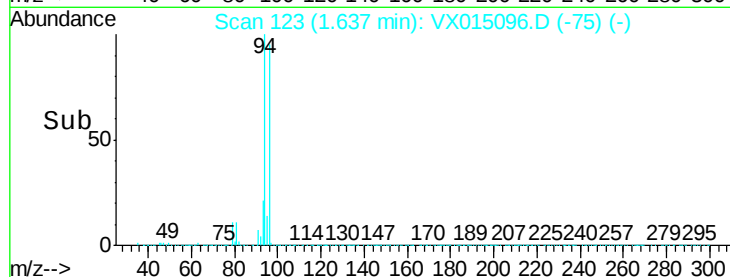
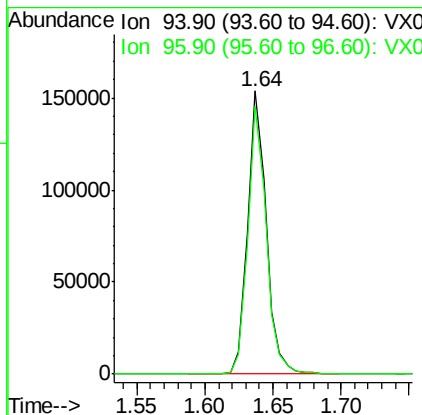
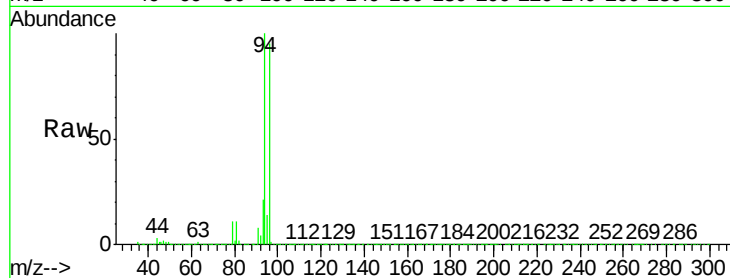
Ion Ratio Lower Upper

94 100

96 94.4 74.6 111.8

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 50.925 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015096.D

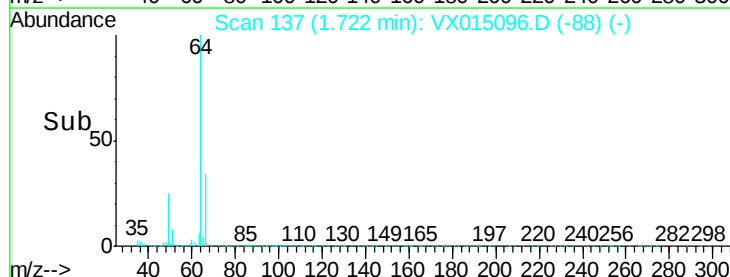
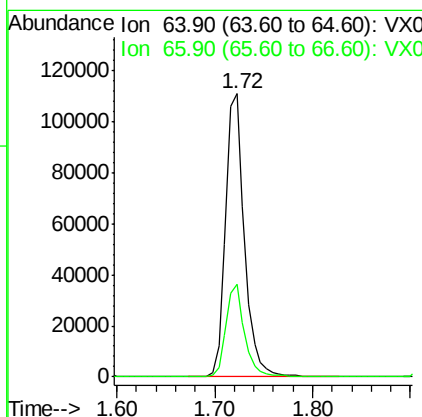
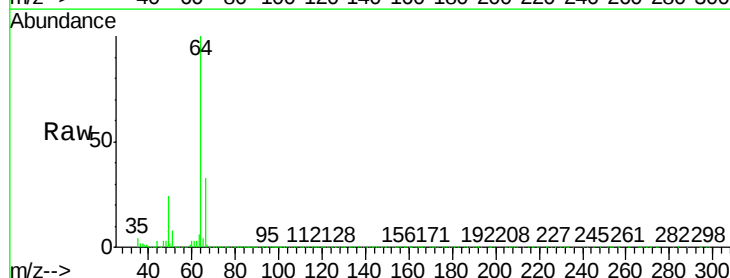
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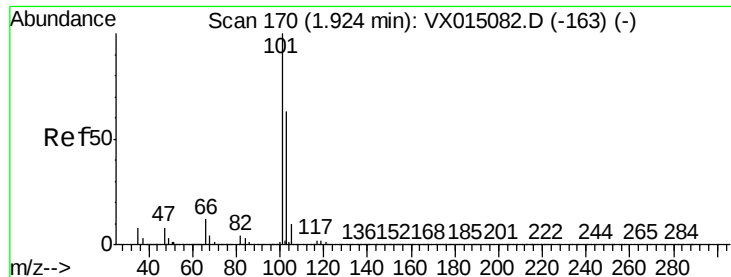
Tgt Ion: 64 Resp: 147720

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.8





#7

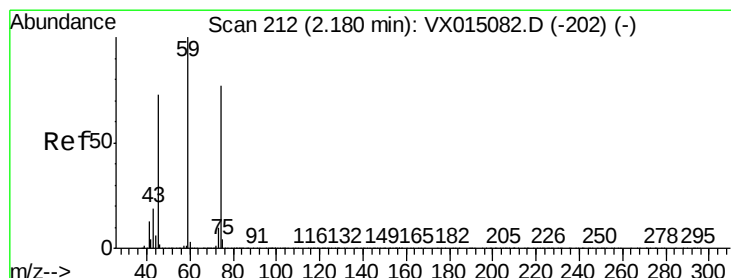
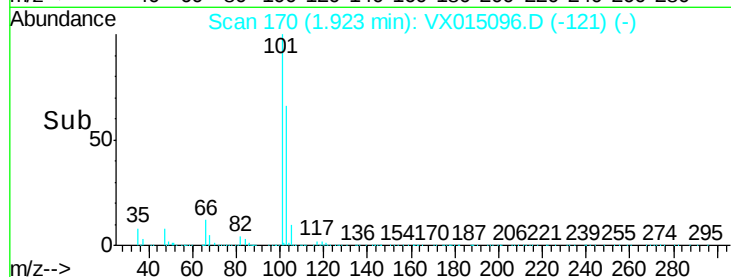
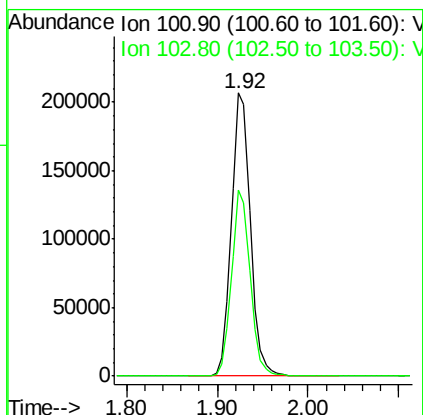
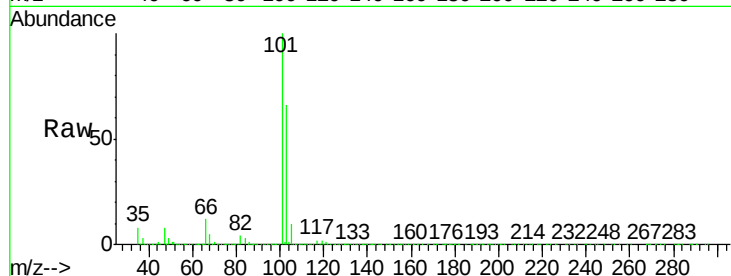
Trichlorofluoromethane
Concen: 52.017 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	50.4	75.6

Manual Integrations
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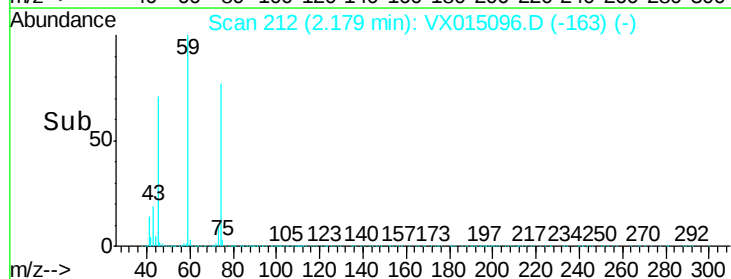
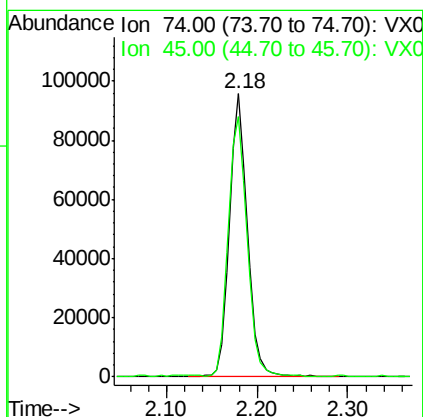
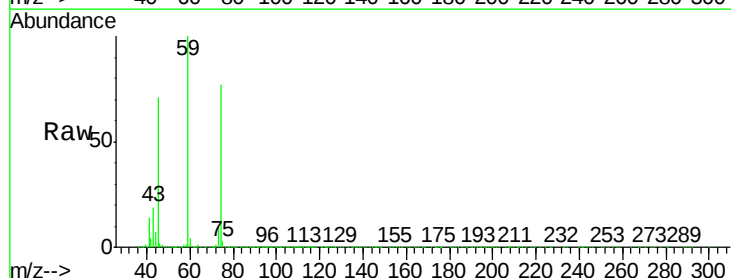
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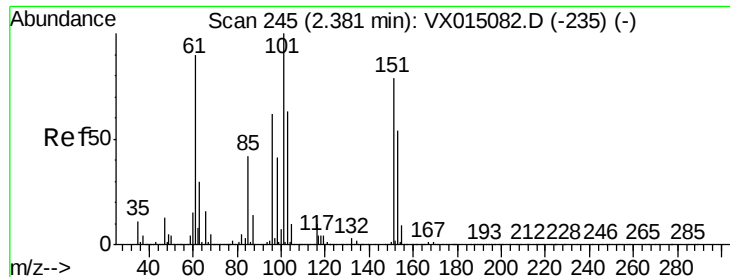


#8

Diethyl Ether
Concen: 50.198 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.289 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015096.D

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MSVOA_X

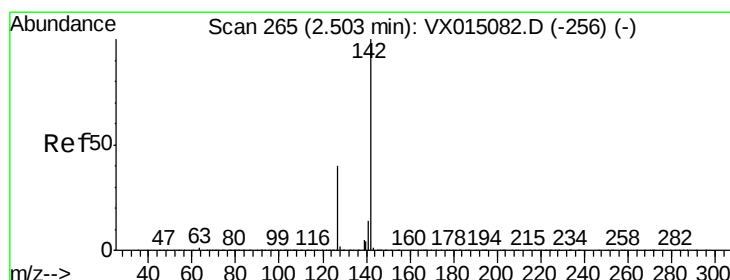
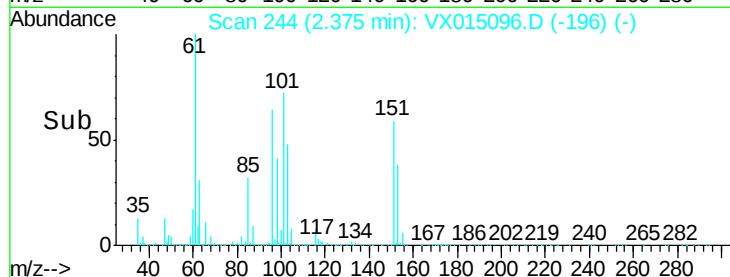
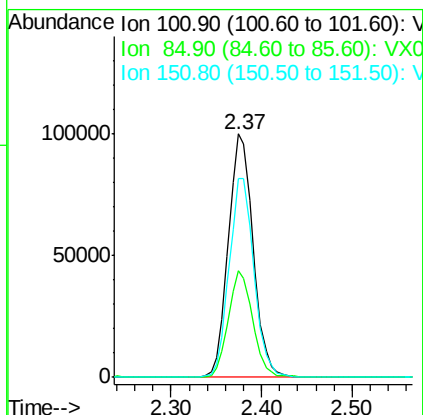
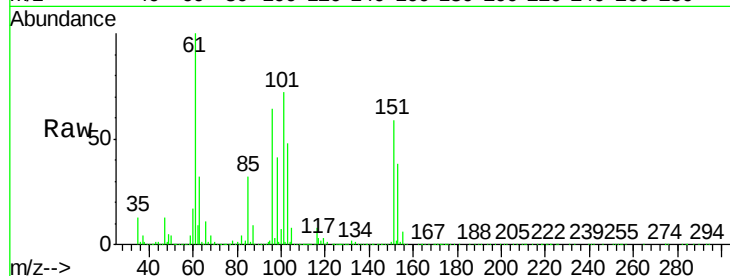
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	189289
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	82.2	64.0	96.0

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#10

Methyl Iodide

Concen: 48.233 ug/l

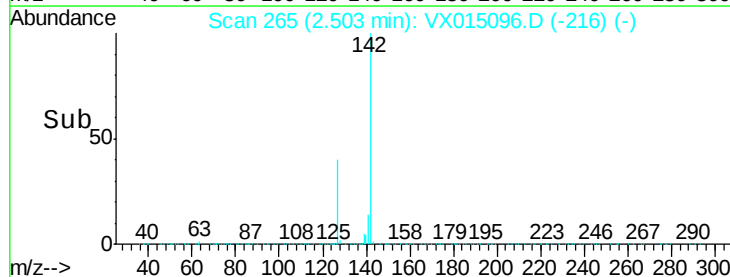
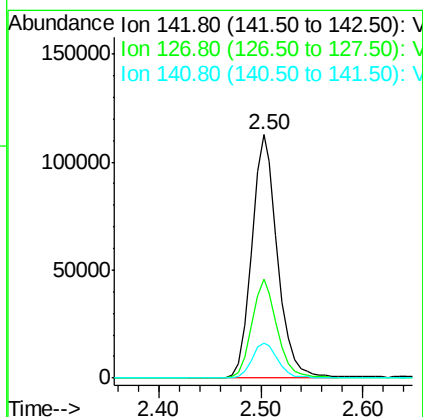
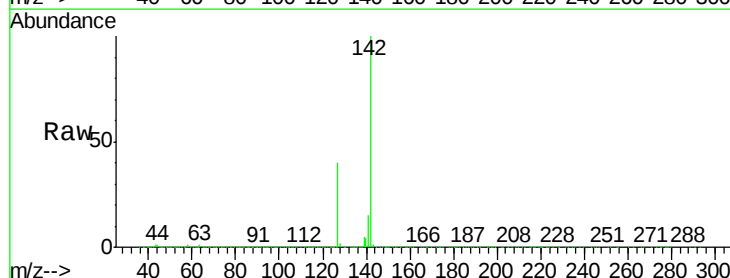
RT: 2.50 min Scan# 265

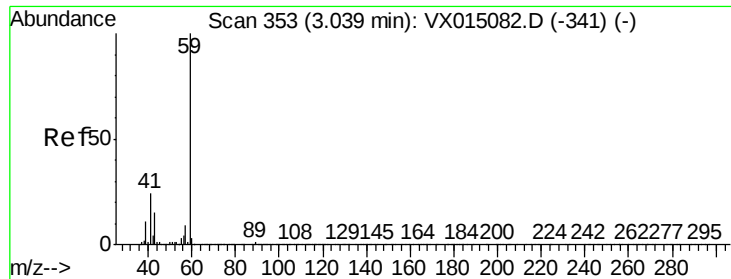
Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion:	142	Resp:	197270
Ion Ratio	Lower	Upper	
142	100		
127	40.6	31.7	47.5
141	14.9	11.3	16.9





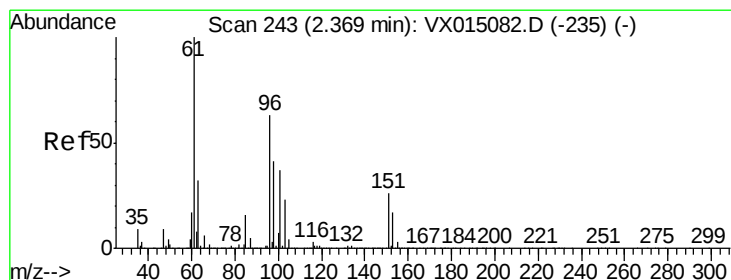
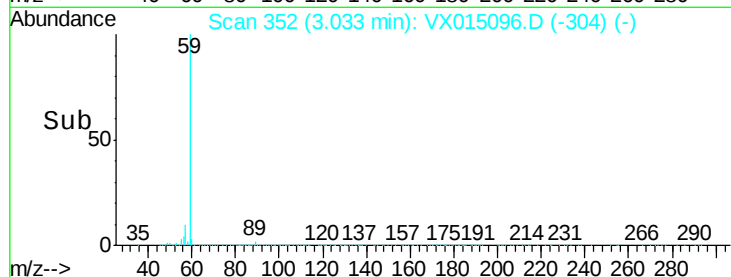
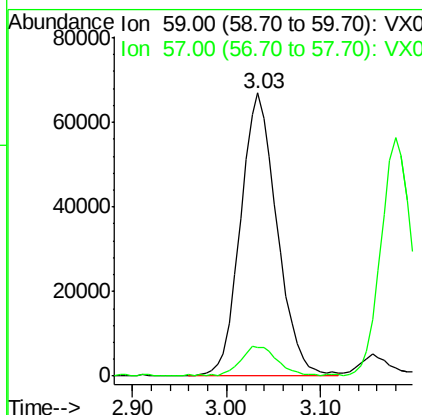
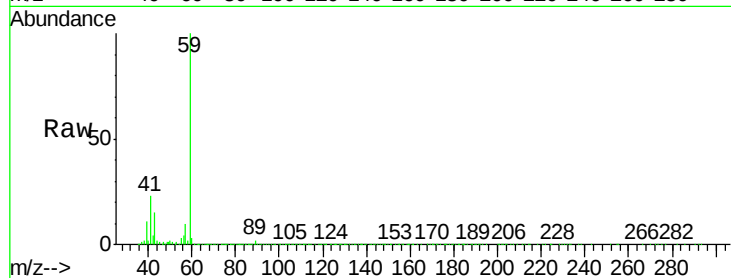
#11
Tert butyl alcohol
Concen: 228.421 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

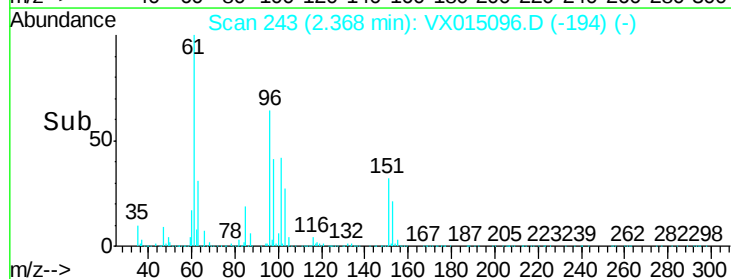
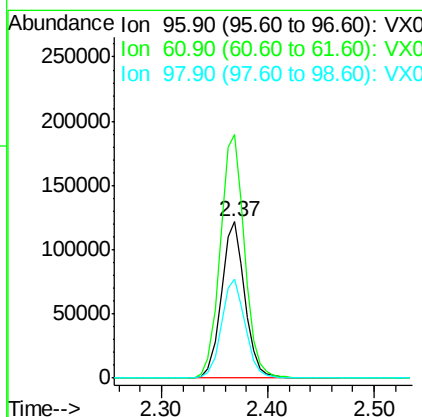
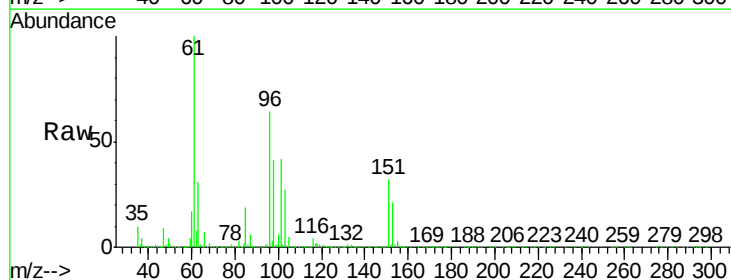
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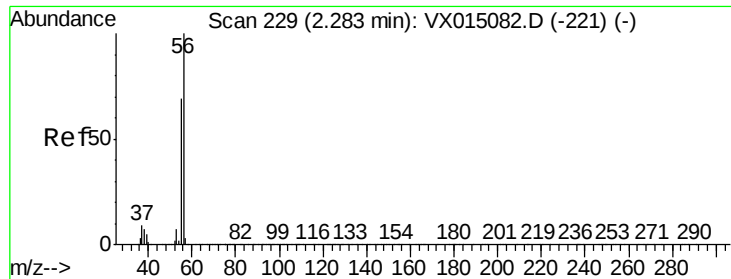
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.648 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	126.2	189.4
98	63.5	51.4	77.0





#13

Acrolein

Concen: 213.618 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 158865

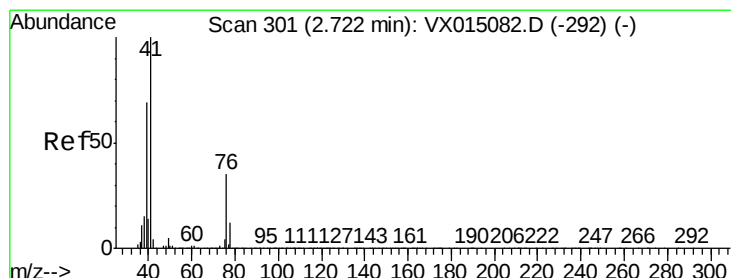
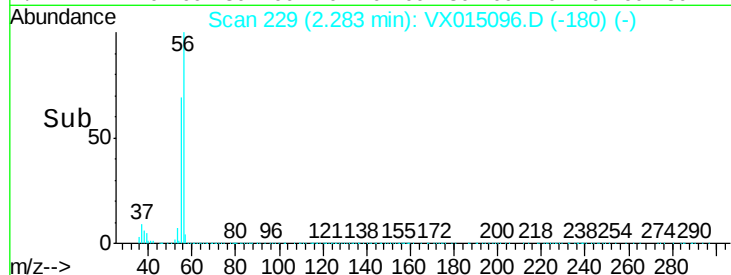
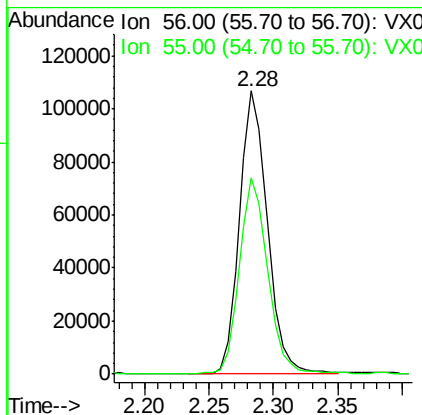
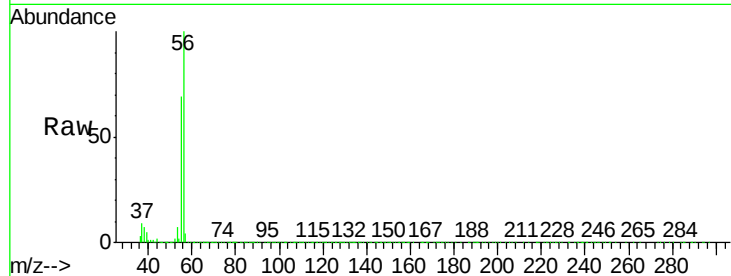
Ion Ratio Lower Upper

56 100

55 70.5 55.4 83.0

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#14

Allyl chloride

Concen: 48.426 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

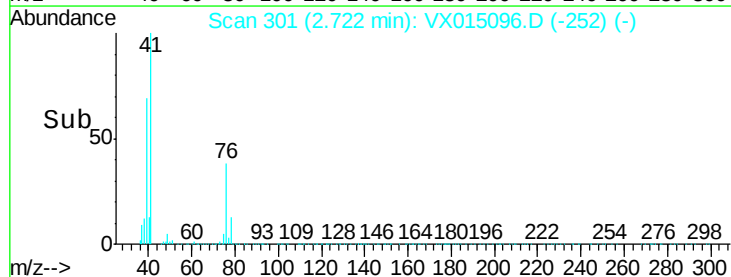
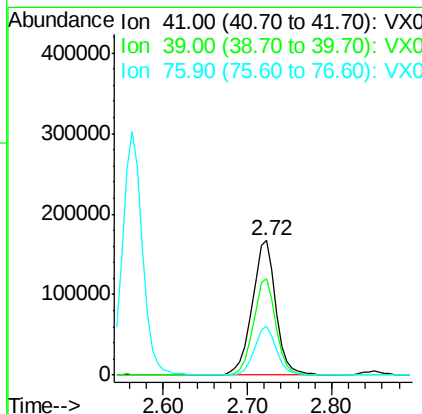
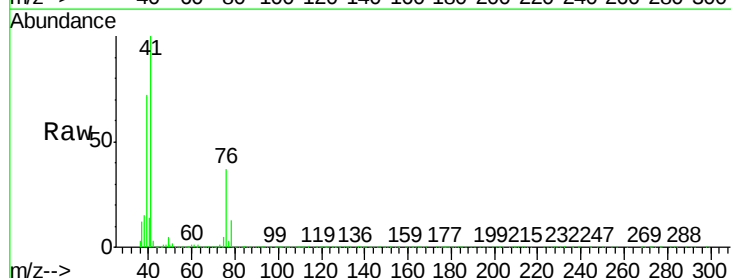
Tgt Ion: 41 Resp: 315471

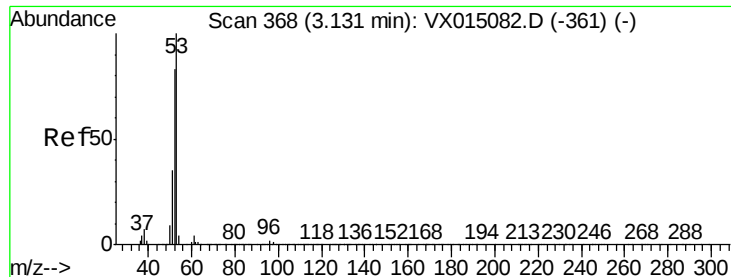
Ion Ratio Lower Upper

41 100

39 67.7 52.9 79.3

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 230.641 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

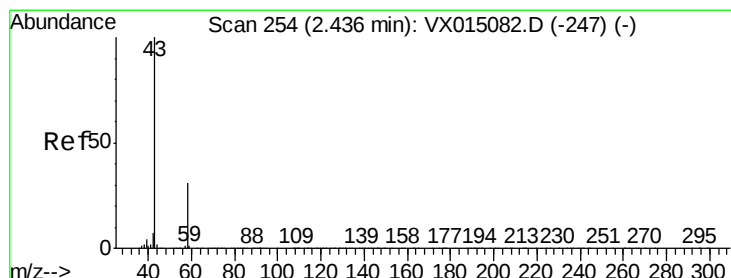
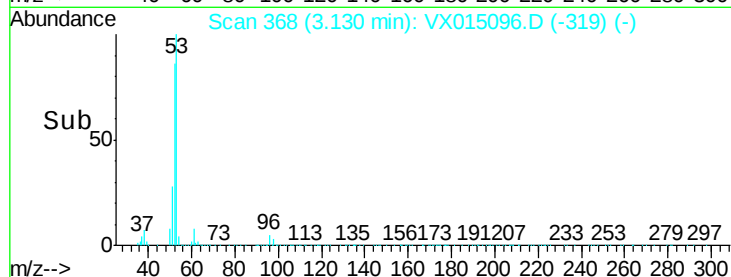
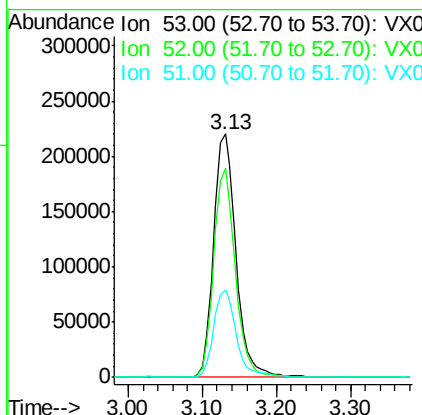
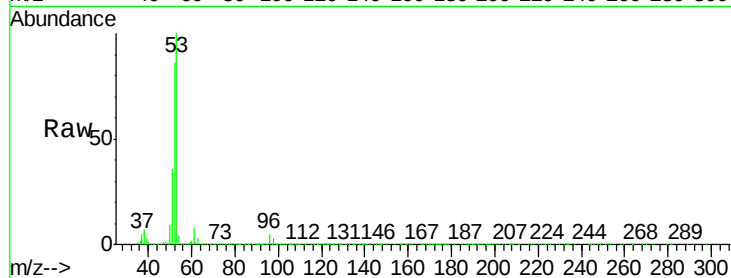
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	454546
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	36.2	29.0	43.6

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#16

Acetone

Concen: 264.254 ug/l

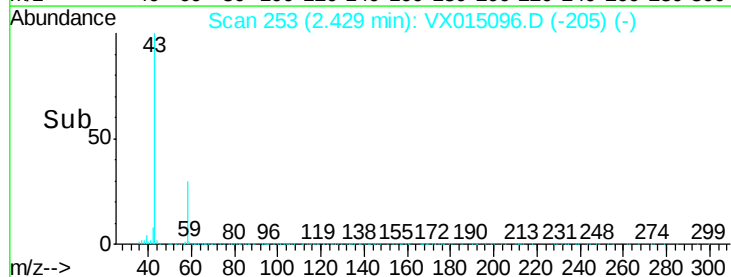
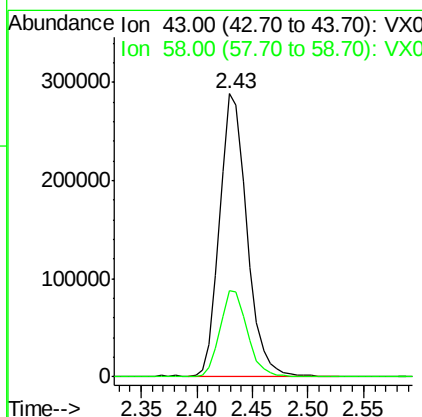
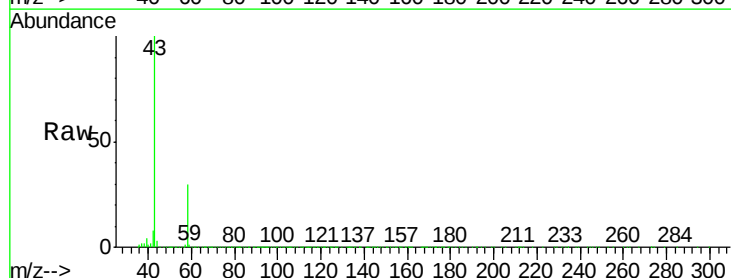
RT: 2.43 min Scan# 253

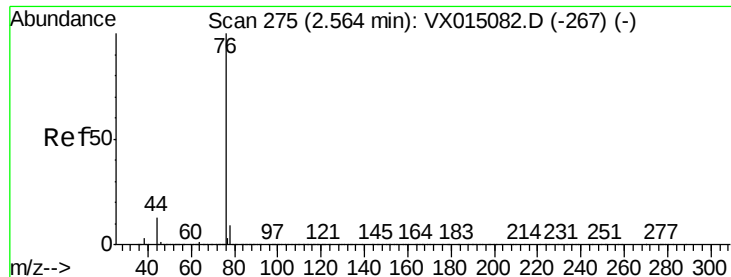
Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion:	43	Resp:	488124
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.8	37.2





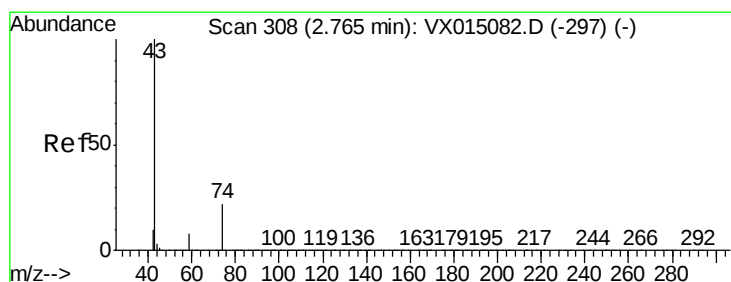
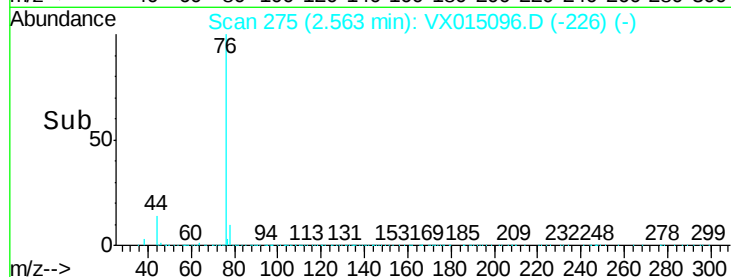
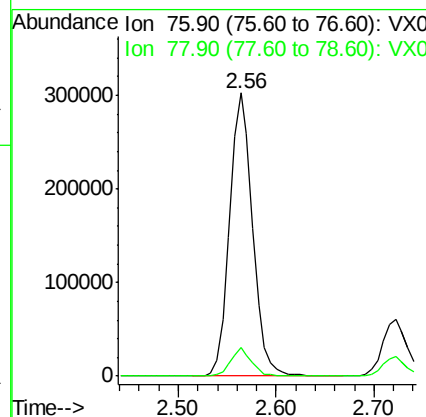
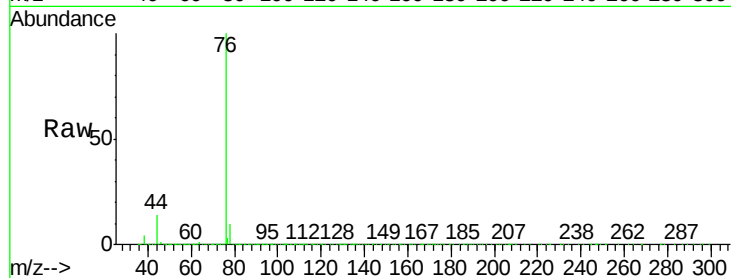
#17
Carbon Disulfide
Concen: 47.434 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.3	10.9

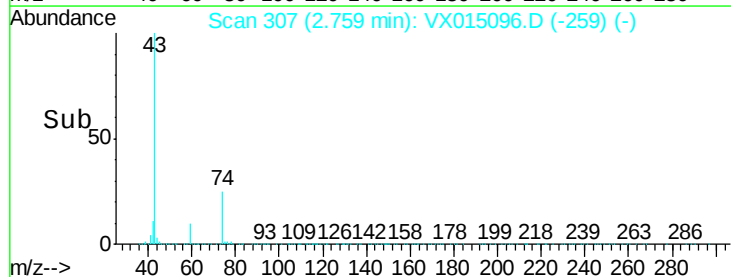
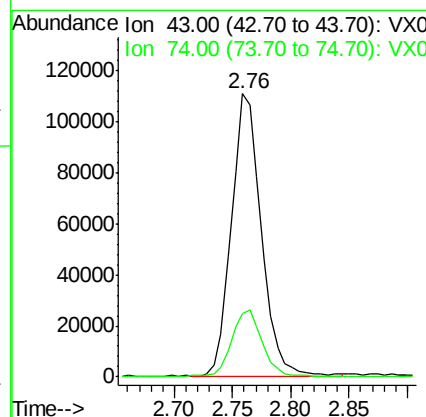
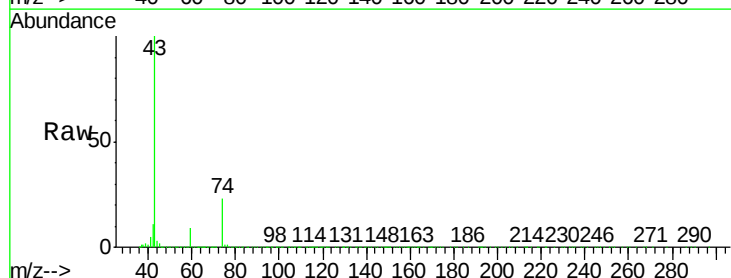
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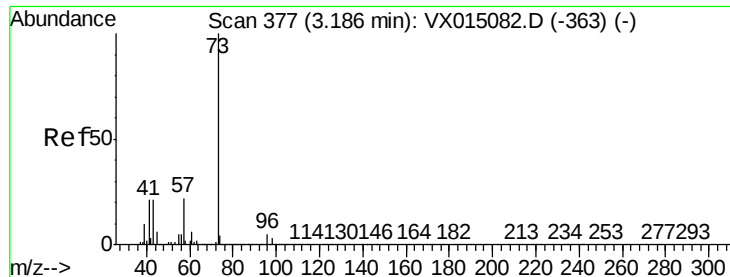
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#18
Methyl Acetate
Concen: 43.636 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.8	28.2





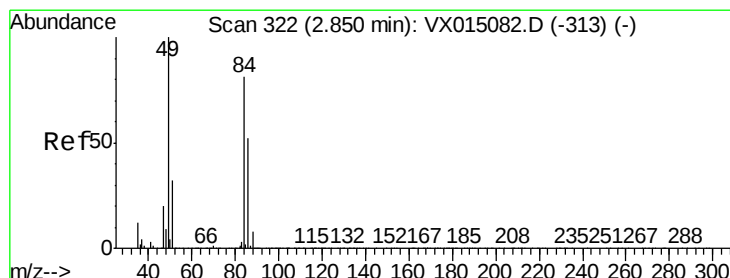
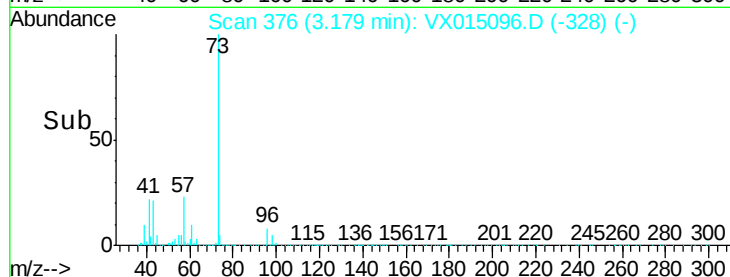
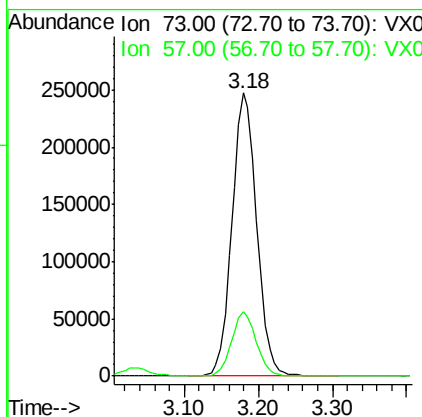
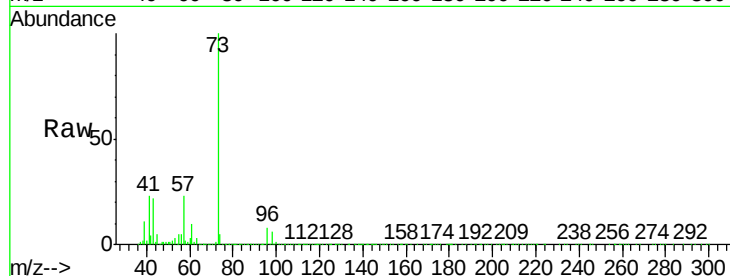
#19
Methyl tert-butyl Ether
Concen: 49.029 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.8	26.6

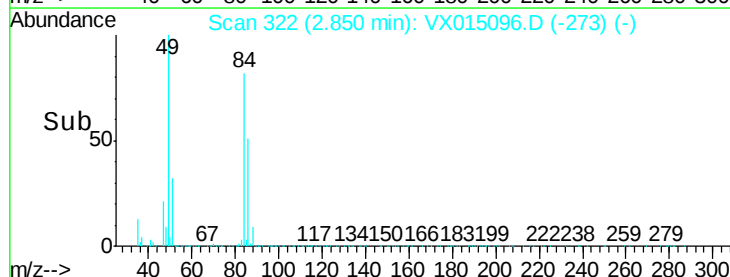
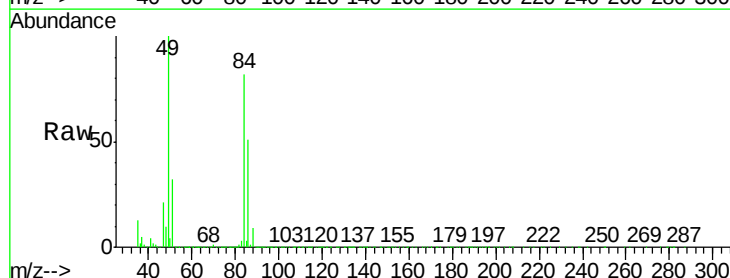
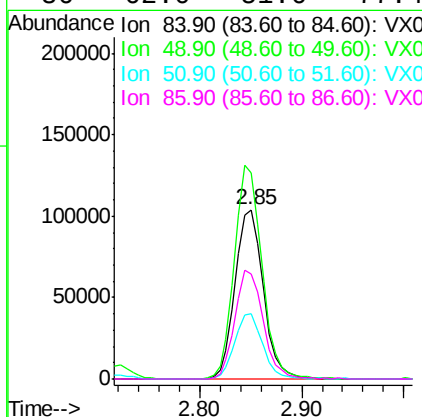
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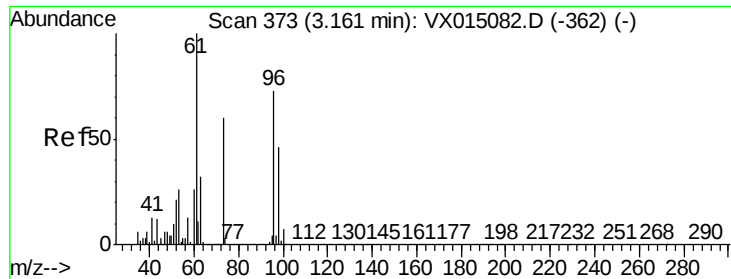
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#20
Methylene Chloride
Concen: 45.743 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.6	99.4	149.2
51	38.4	31.5	47.3
86	62.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.302 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

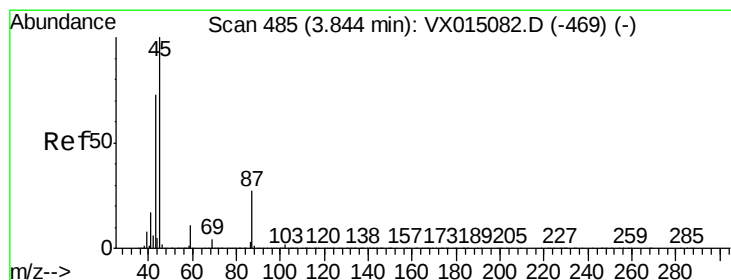
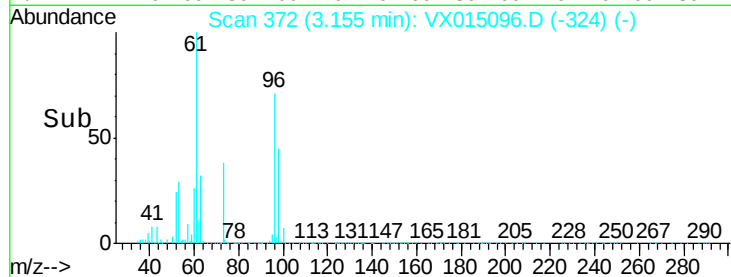
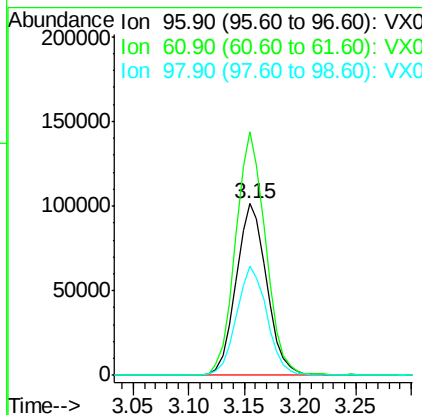
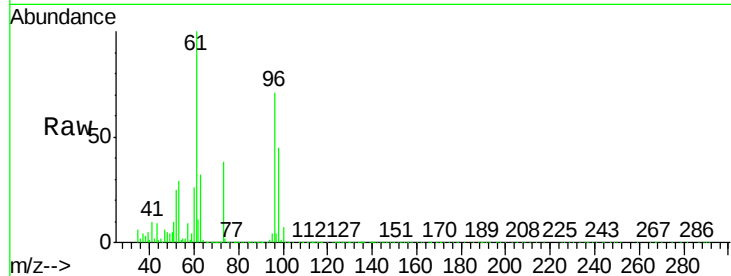
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	192690
Ion	Ratio	Lower	Upper
96	100		
61	141.8	109.9	164.9
98	63.3	50.2	75.2

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#22

Diisopropyl ether

Concen: 50.050 ug/l

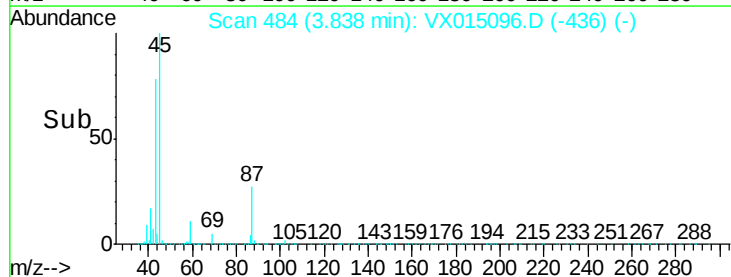
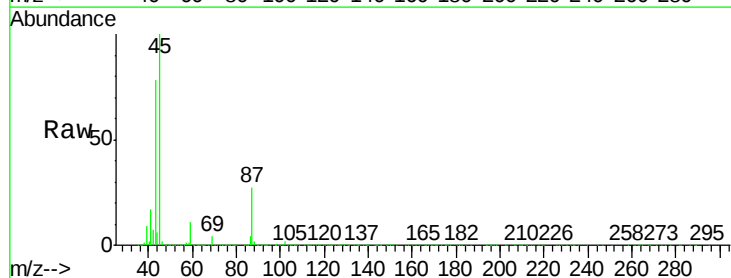
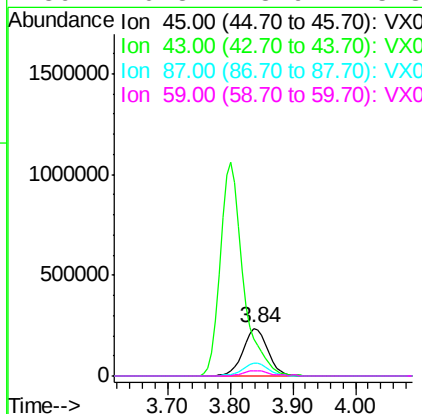
RT: 3.84 min Scan# 484

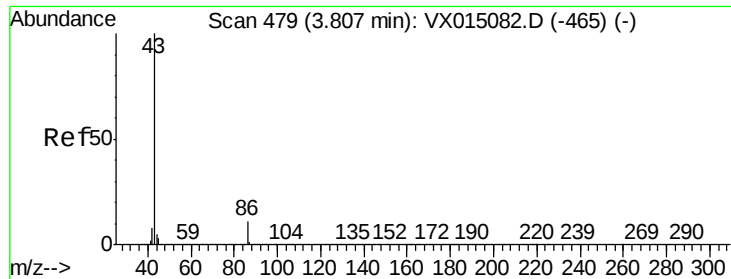
Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion:	45	Resp:	649593
Ion	Ratio	Lower	Upper
45	100		
43	78.1	58.2	87.2
87	26.7	21.2	31.8
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 252.006 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2688619

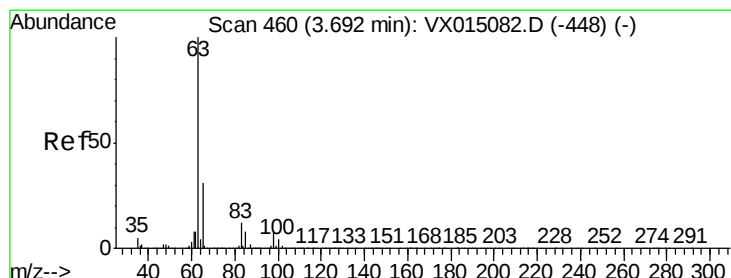
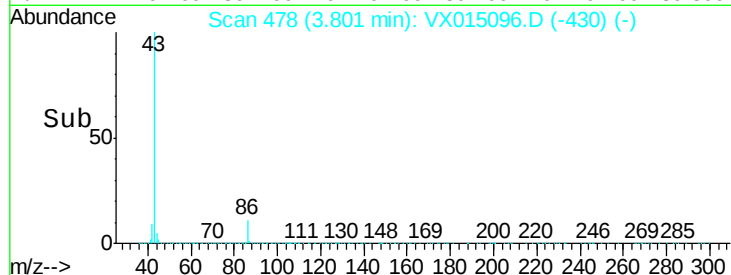
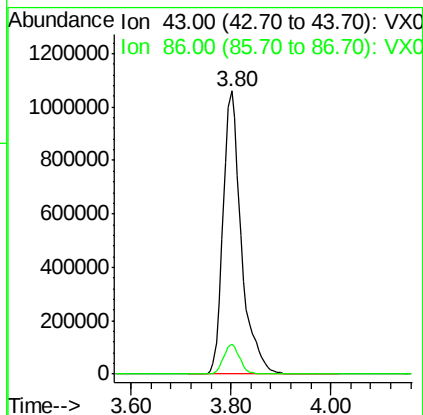
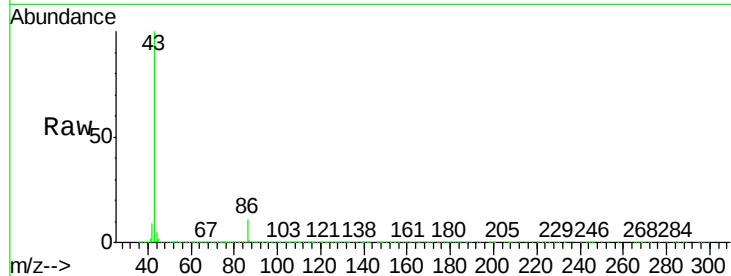
Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 47.730 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

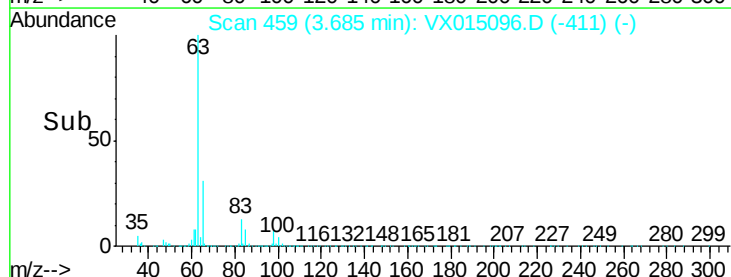
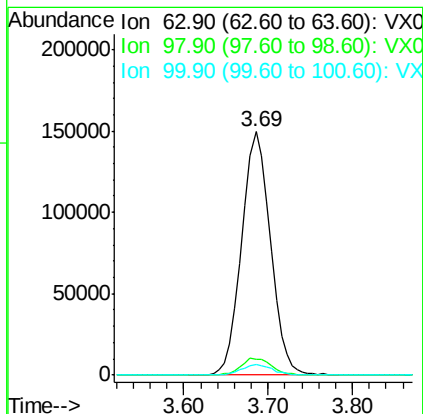
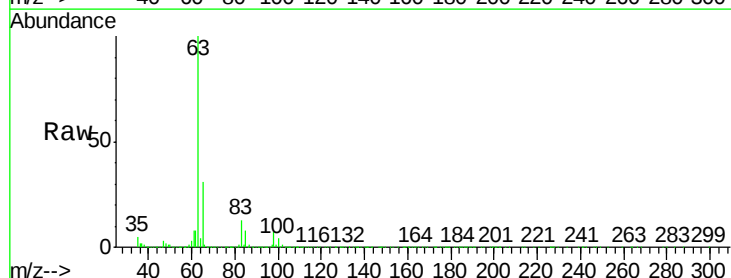
Tgt Ion: 63 Resp: 343816

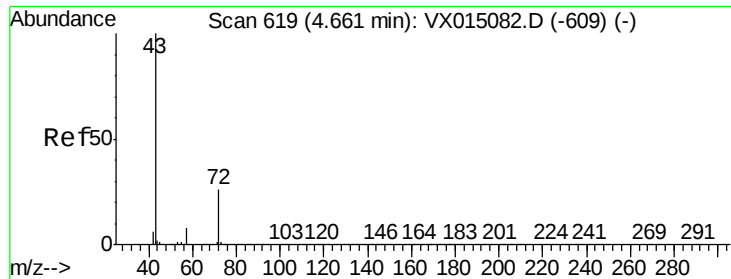
Ion Ratio Lower Upper

63 100

98 6.7 3.7 11.1

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 253.080 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 684396

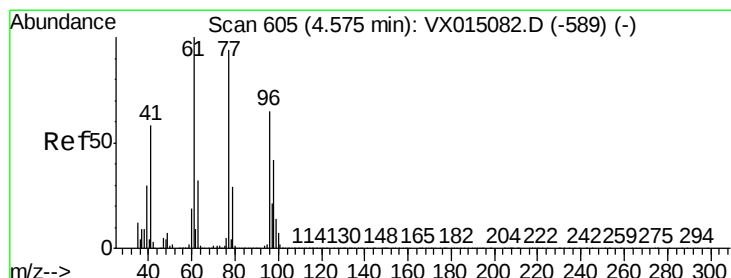
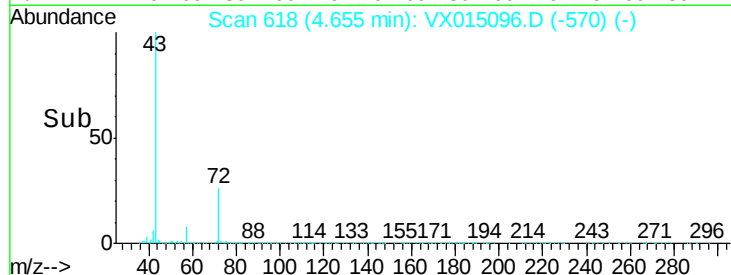
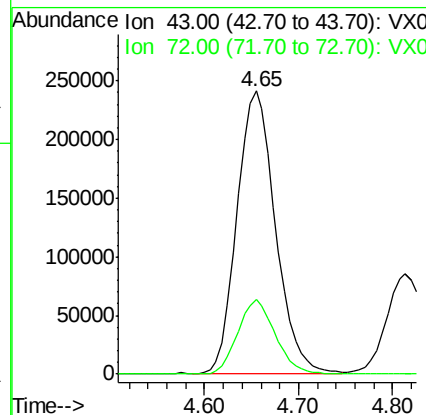
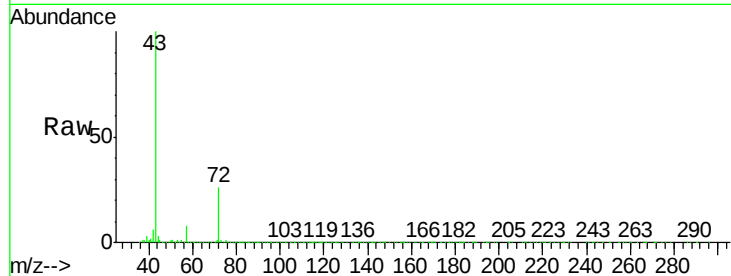
Ion Ratio Lower Upper

43 100

72 26.1 20.6 30.8

Manual Integrations
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3/6/2020 4:49:28 PM



#26

2,2-Dichloropropane

Concen: 49.595 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015096.D

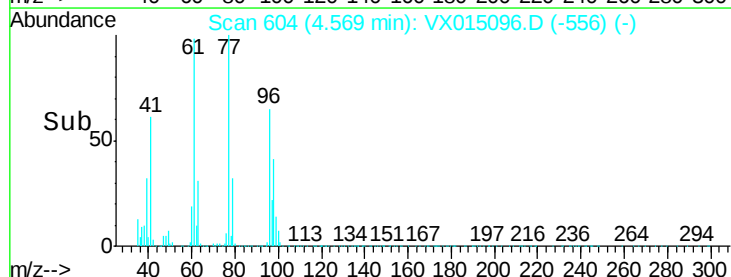
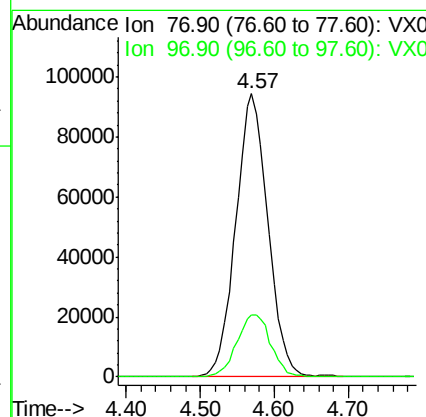
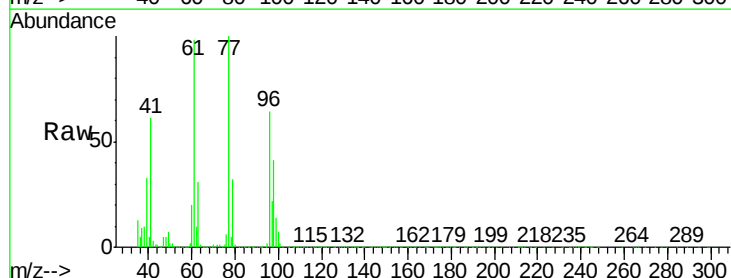
Acq: 05 Mar 2020 08:44

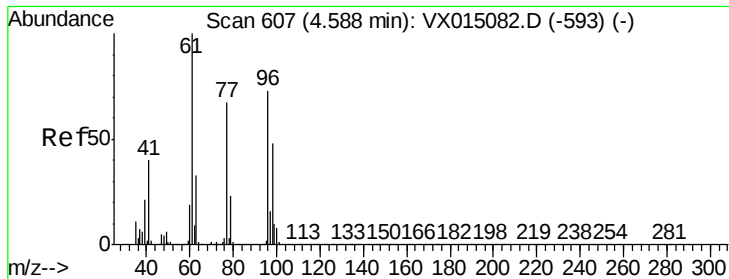
Tgt Ion: 77 Resp: 283606

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4





#27

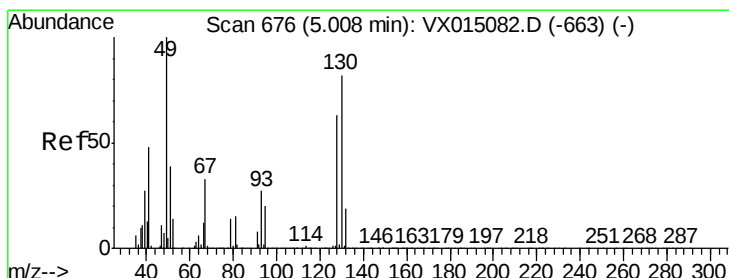
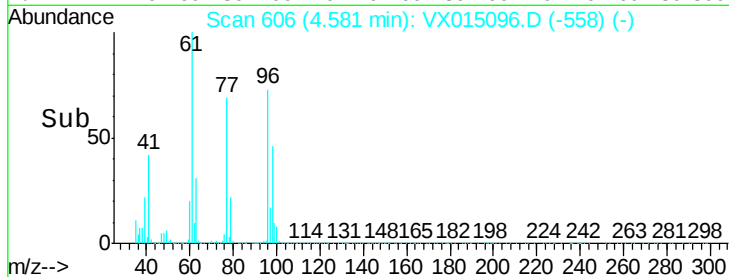
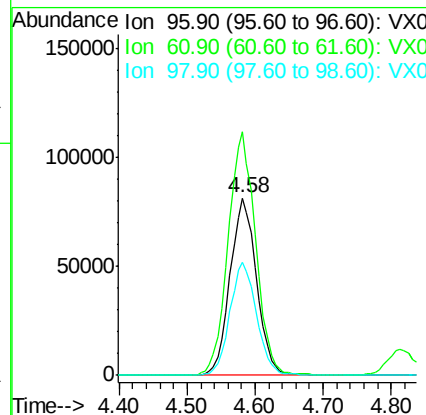
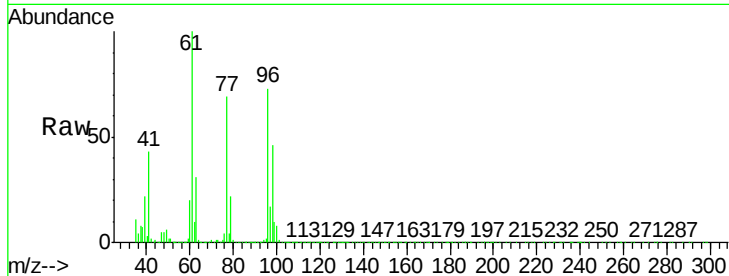
cis-1,2-Dichloroethene
Concen: 49.174 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	286.8
98	64.0	0.0	128.4

Manual Integrations
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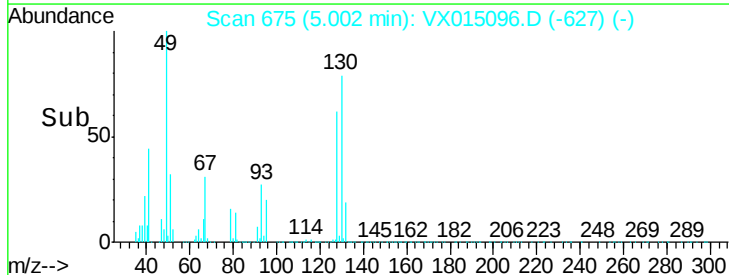
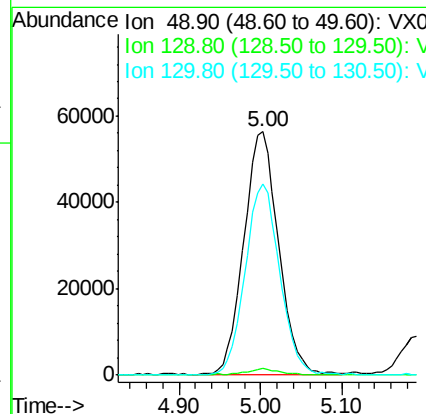
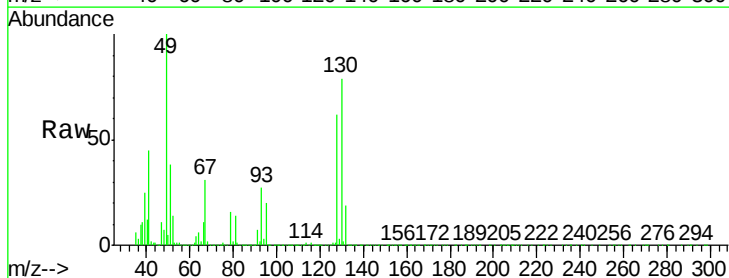
MMDadoda
3/6/2020 4:49:28 PM

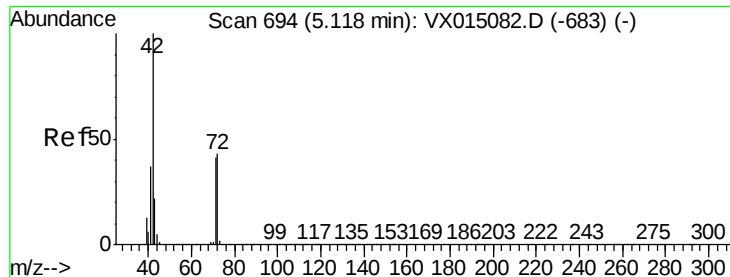


#28

Bromochloromethane
Concen: 51.188 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	77.4	65.0	97.6





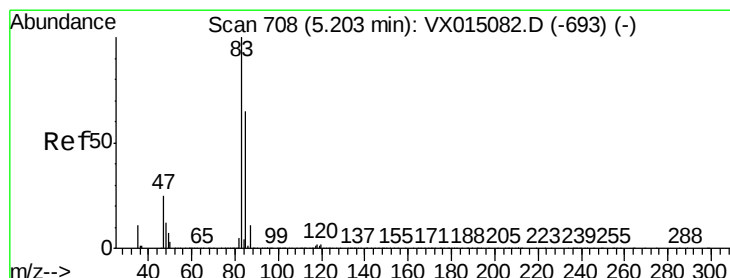
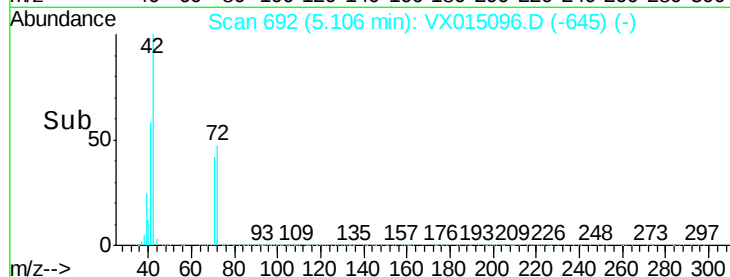
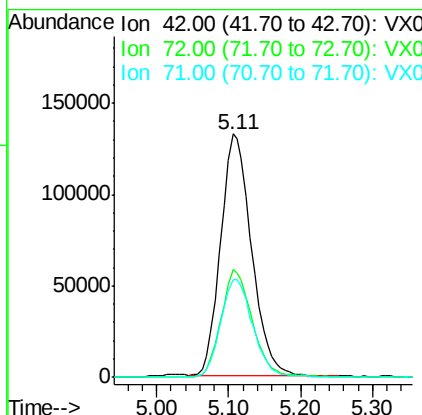
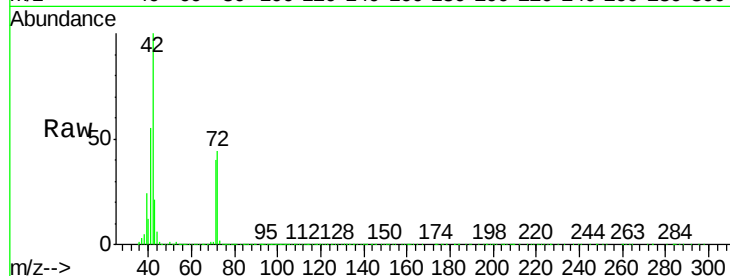
#29
Tetrahydrofuran
Concen: 227.288 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.4	54.6
71	41.7	33.3	49.9

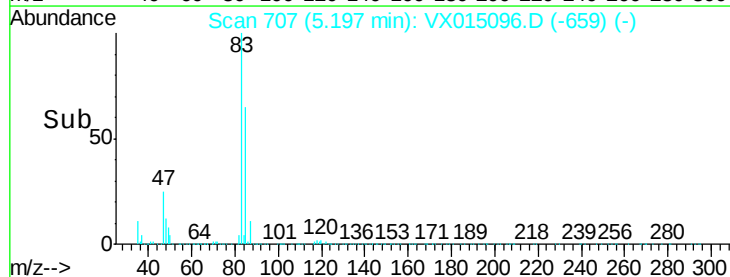
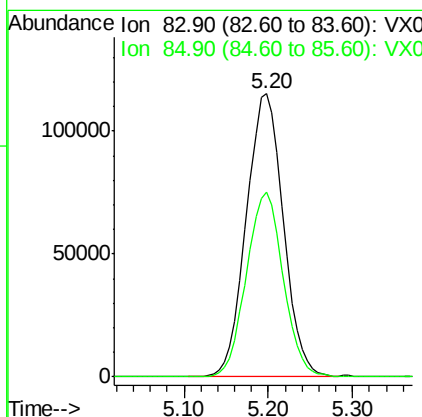
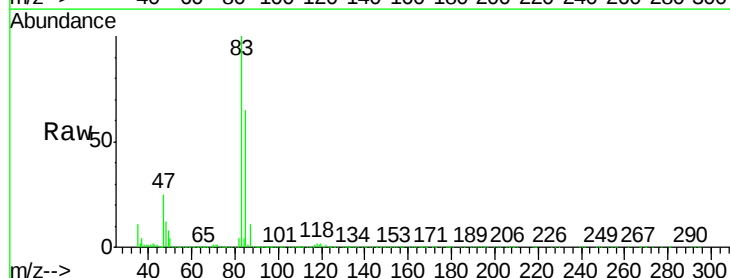
Manual Integrations
APPROVED

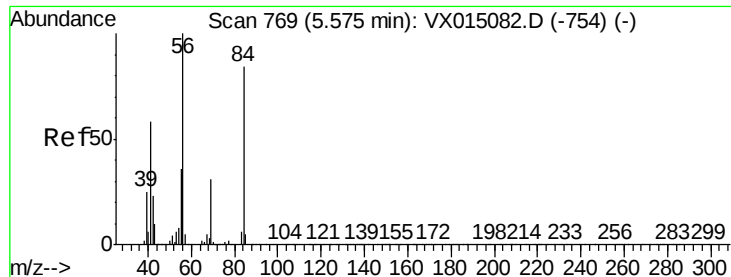
MMDadoda
3/6/2020 4:49:28 PM



#30
Chloroform
Concen: 49.213 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.0	78.0





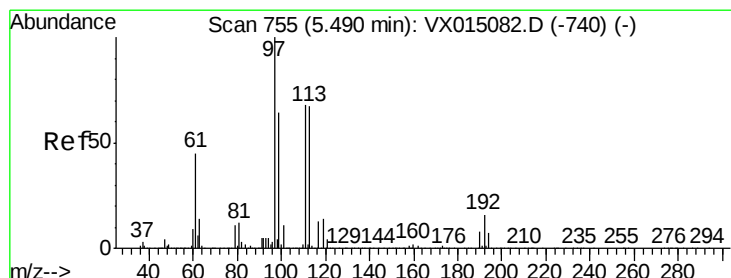
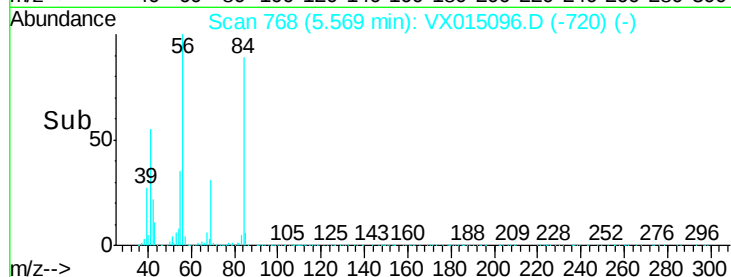
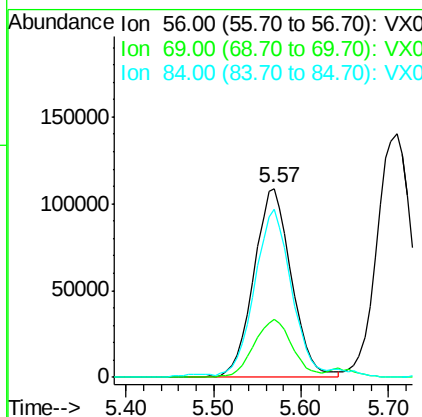
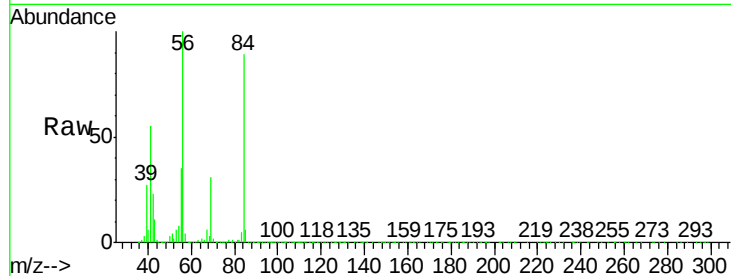
#31
Cyclohexane
Concen: 50.586 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.0	37.6
84	87.7	67.6	101.4

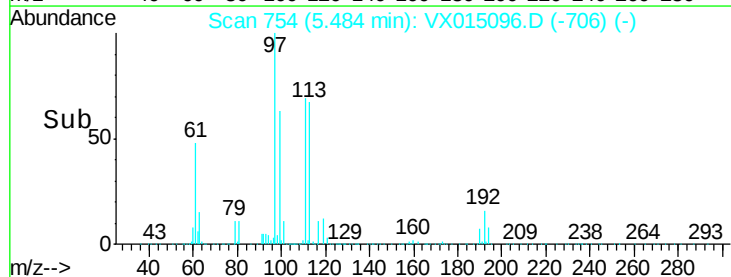
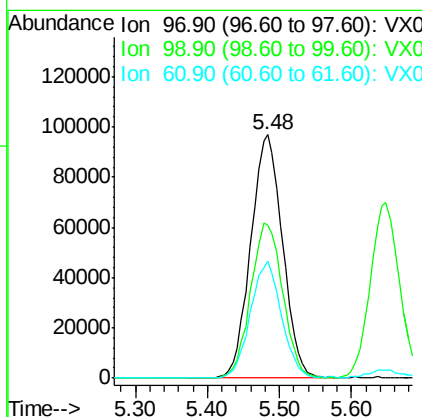
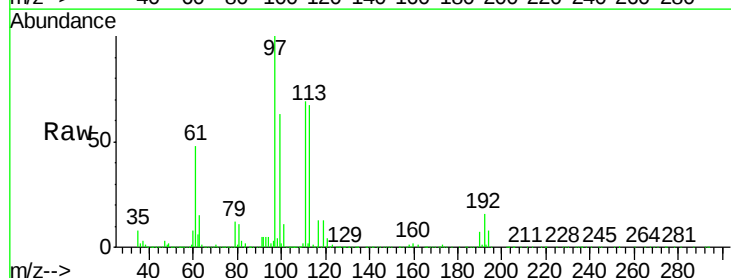
Manual Integrations
APPROVED

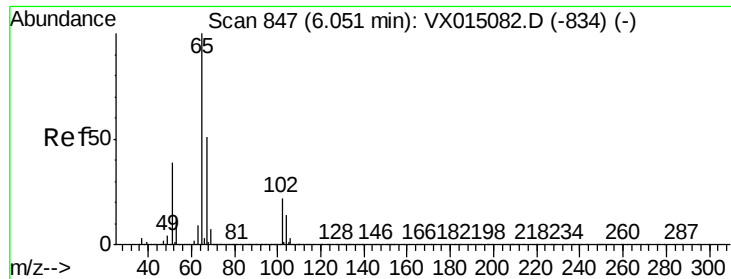
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.002 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.8	79.2
61	46.5	36.6	54.8





#33

1,2-Dichloroethane-d4

Concen: 49.187 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 224351

Ion Ratio Lower Upper

65 100

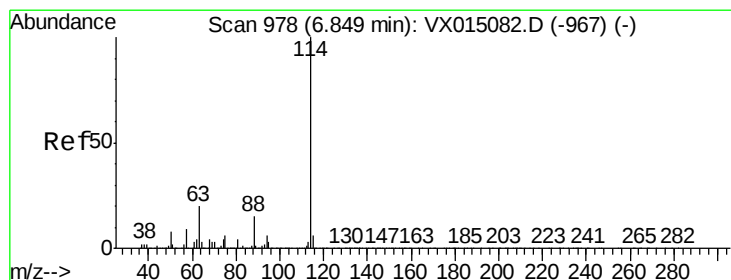
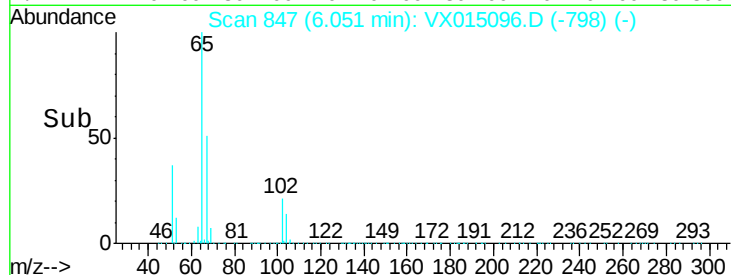
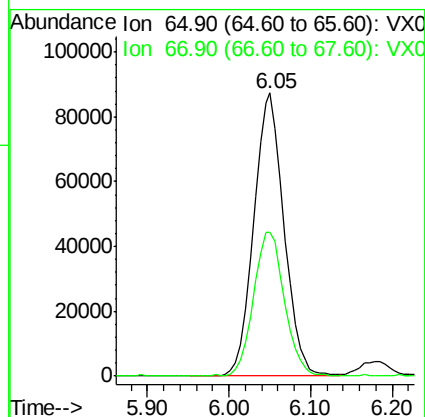
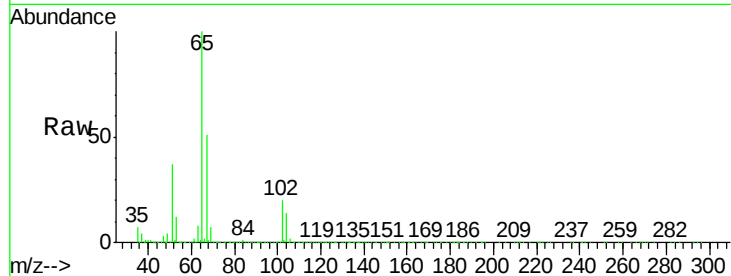
67 52.1 0.0 105.6

Manual Integrations

APPROVED

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

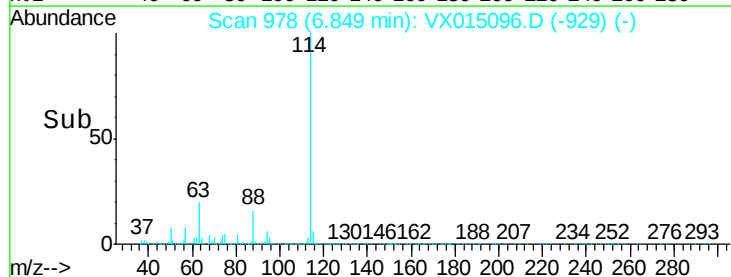
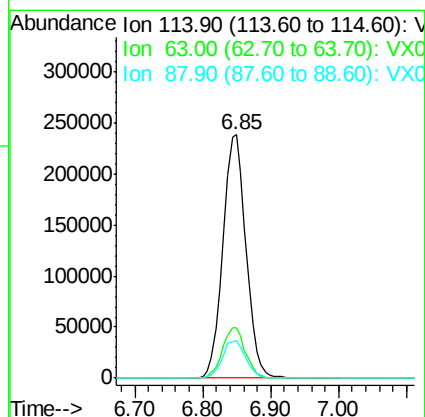
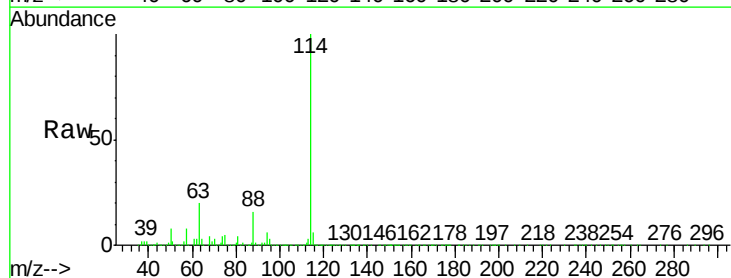
Tgt Ion: 114 Resp: 560117

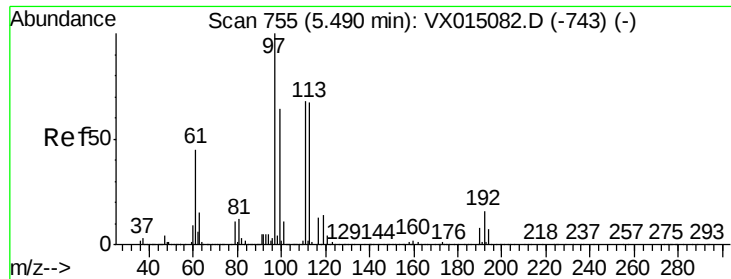
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.5 0.0 30.6





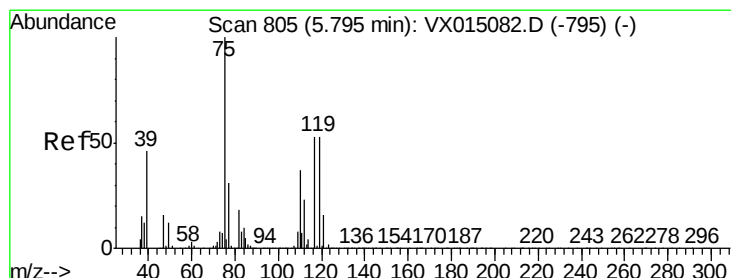
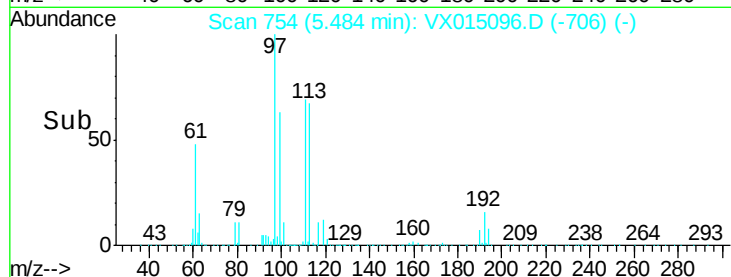
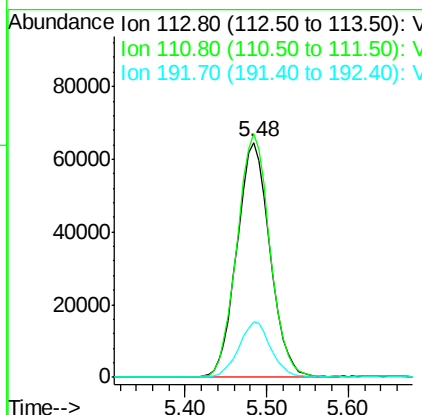
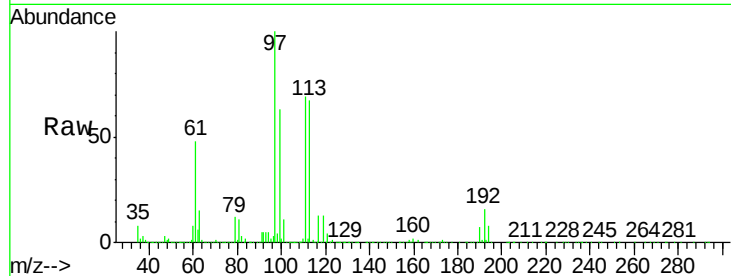
#35
Dibromofluoromethane
Concen: 51.629 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	23.2	18.6	28.0

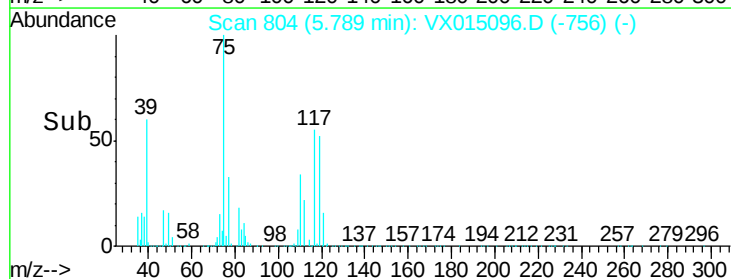
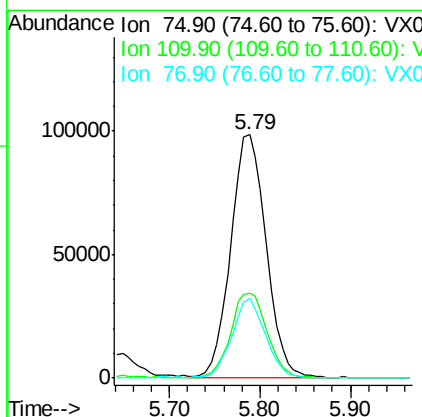
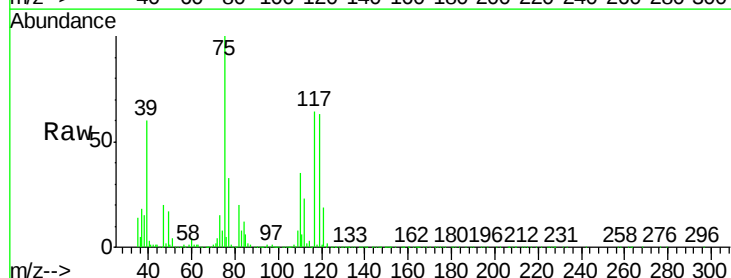
Manual Integrations
APPROVED

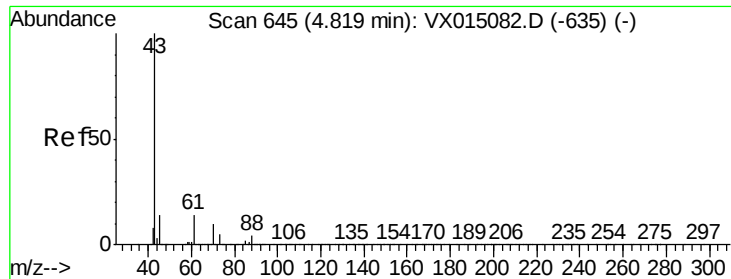
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3/6/2020 4:49:28 PM



#36
1,1-Dichloropropene
Concen: 51.465 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.9	53.8
77	31.1	24.8	37.2





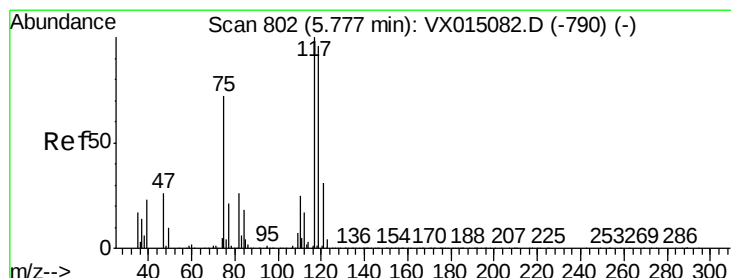
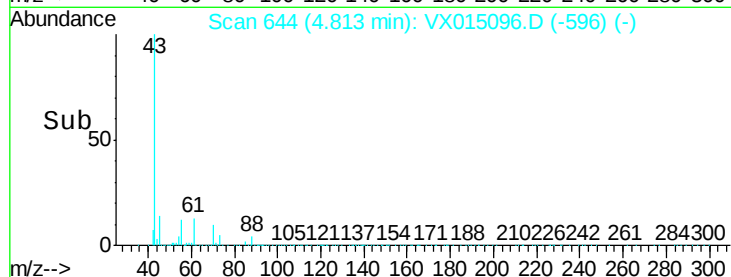
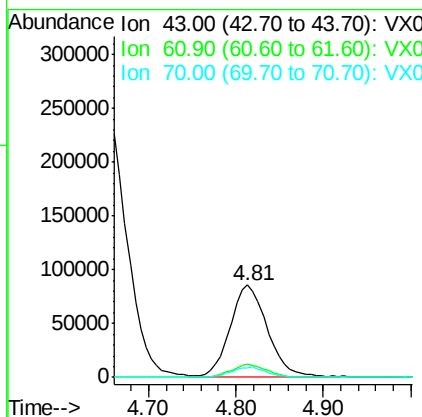
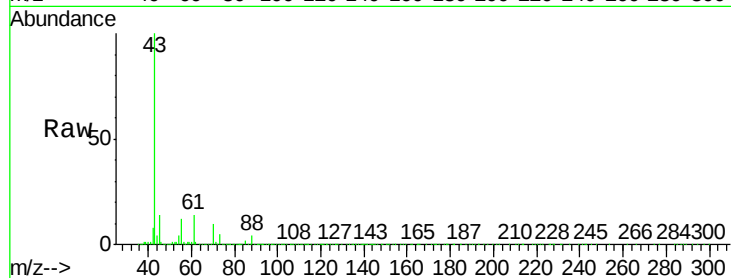
#37
Ethyl Acetate
Concen: 51.762 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	248621
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.0	16.4
70	10.4	8.1	12.1

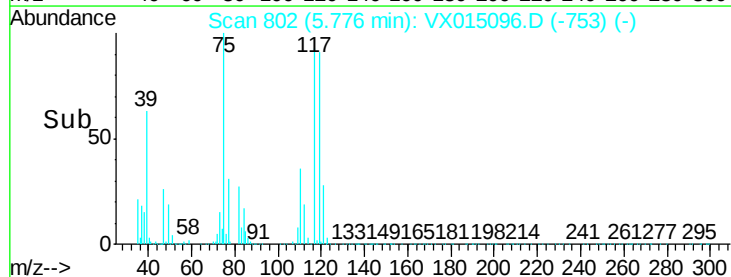
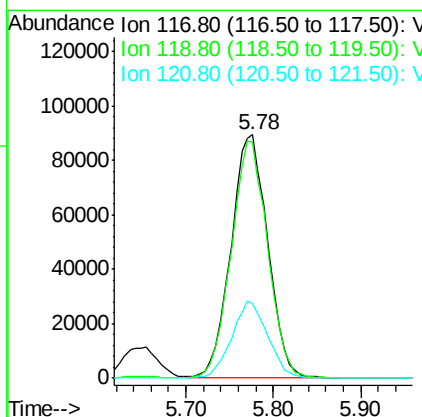
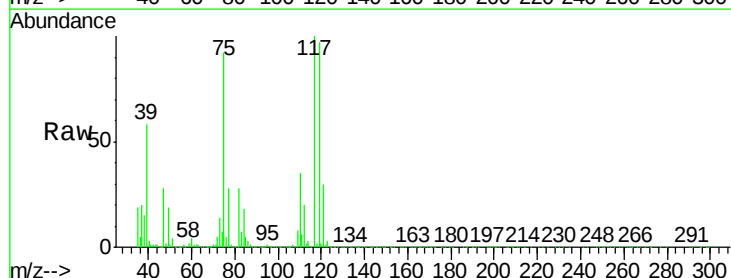
Manual Integrations
APPROVED

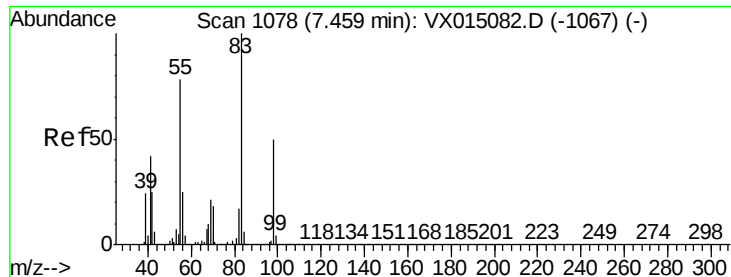
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#38
Carbon Tetrachloride
Concen: 53.269 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	117	Resp	260359
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.9	115.3
121	30.3	24.6	37.0





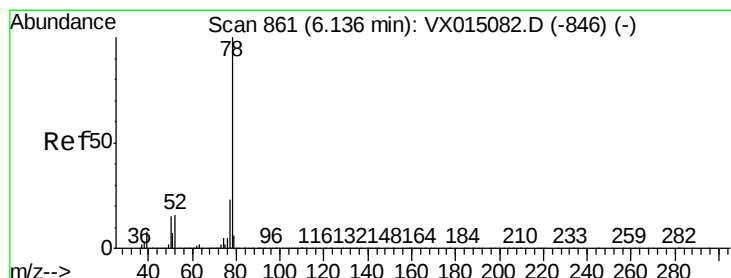
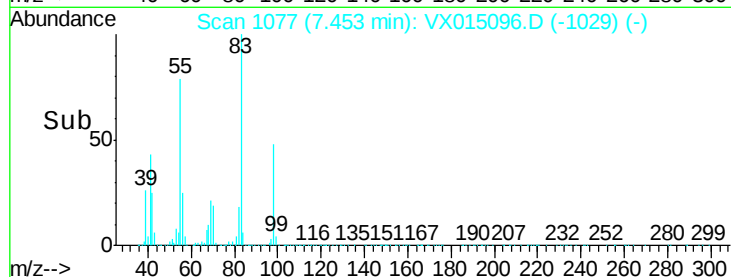
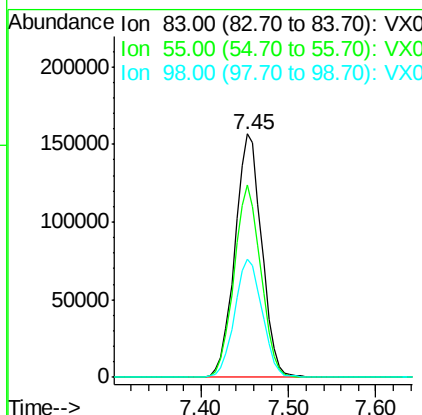
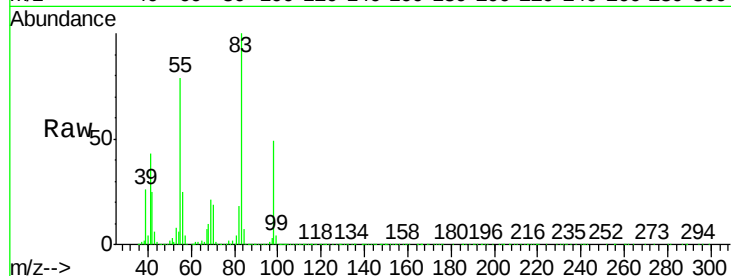
#39
Methvlcvclohexane
Concen: 55.138 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	62.4	93.6
98	48.5	39.7	59.5

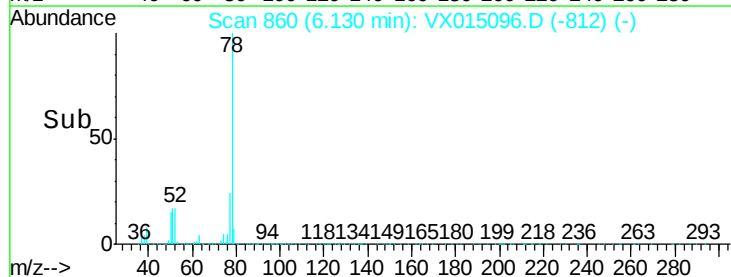
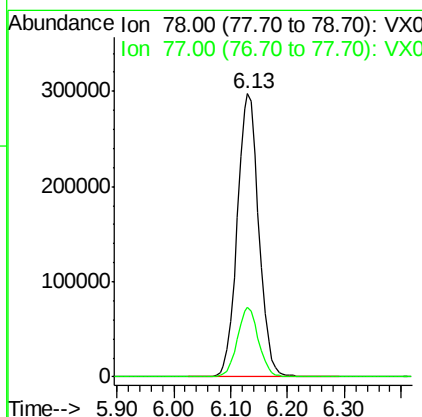
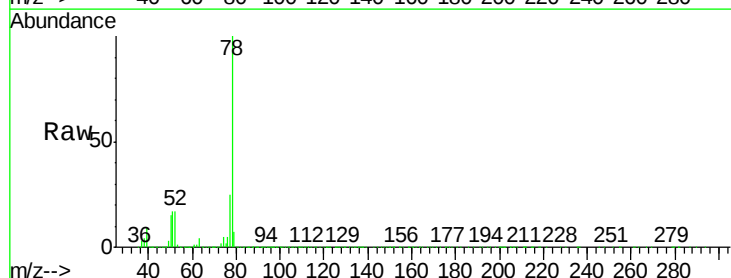
Manual Integrations
APPROVED

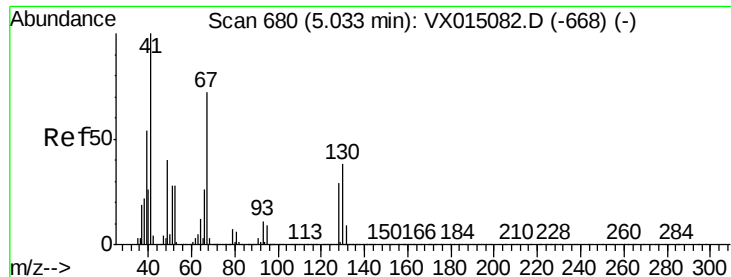
MMDadoda
3/6/2020 4:49:28 PM



#40
Benzene
Concen: 51.131 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.6	28.0





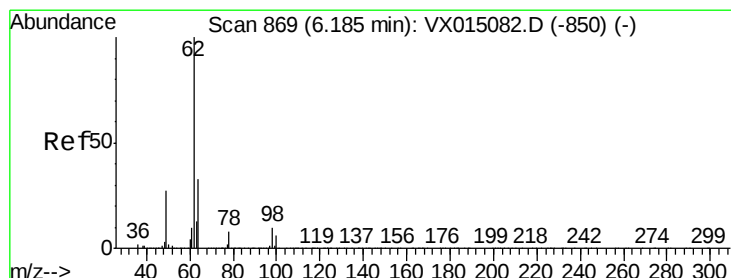
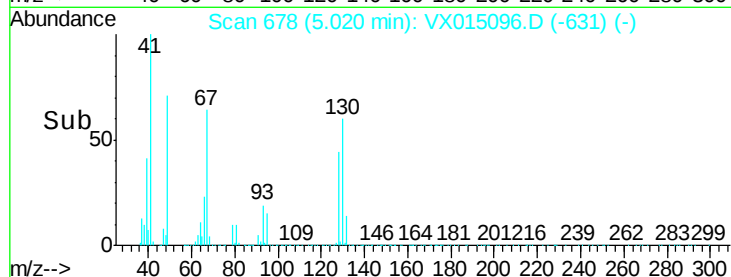
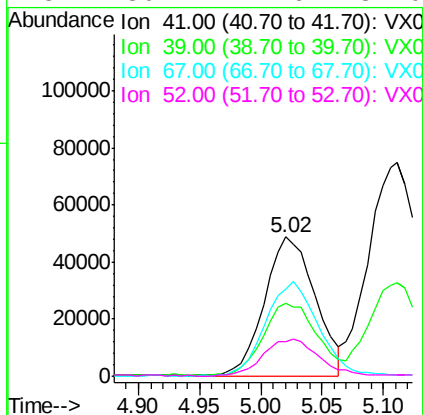
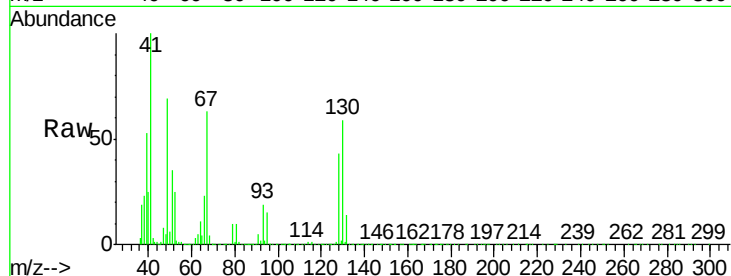
#41
Methacrylonitrile
Concen: 48.543 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.9	65.9
67	71.8	57.8	86.8
52	30.1	22.6	34.0

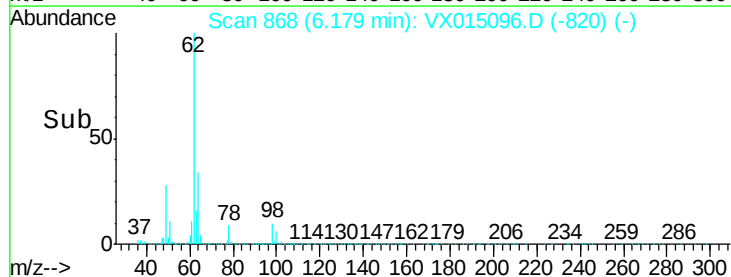
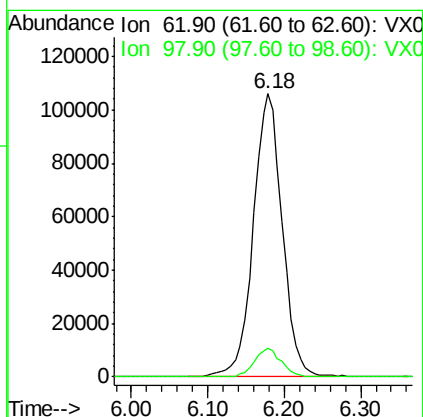
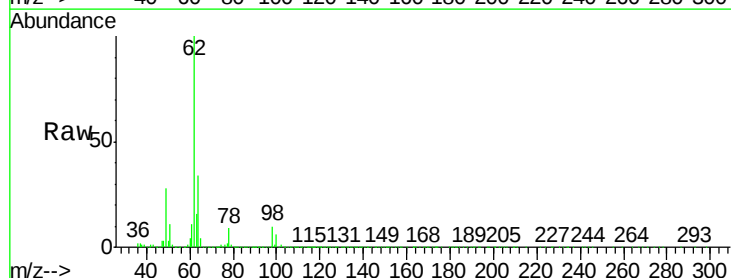
Manual Integrations
APPROVED

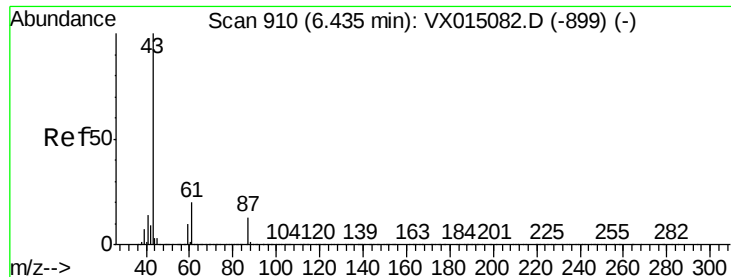
MMDadoda
3/6/2020 4:49:28 PM



#42
1,2-Dichloroethane
Concen: 52.672 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6





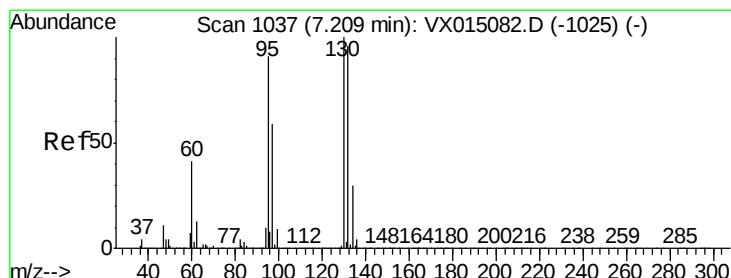
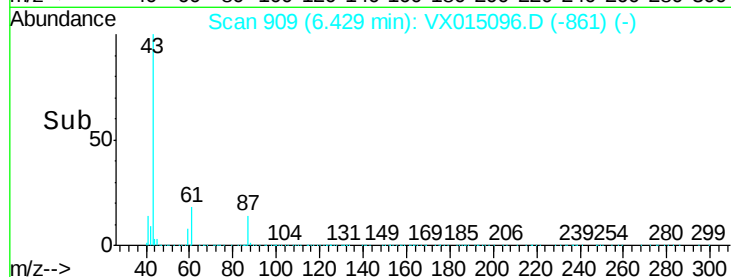
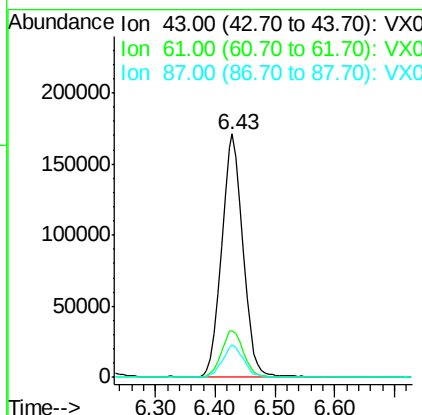
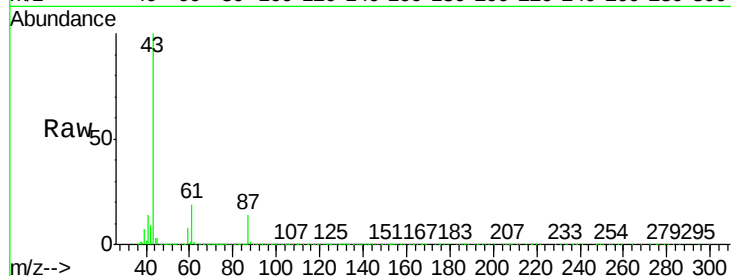
#43
Isopropyl Acetate
Concen: 49.887 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	421531
Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.1	24.1
87	13.1	10.6	16.0

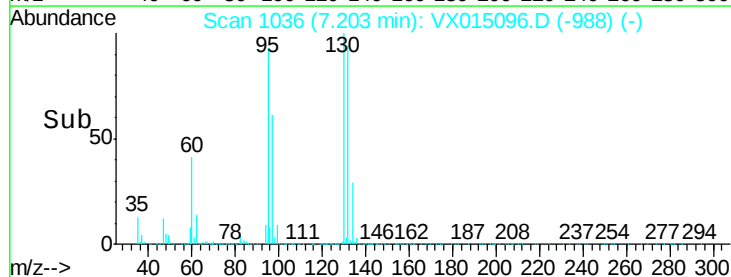
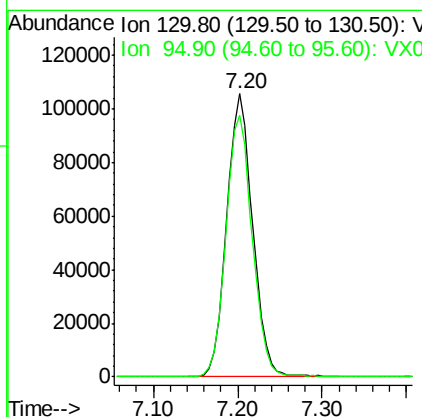
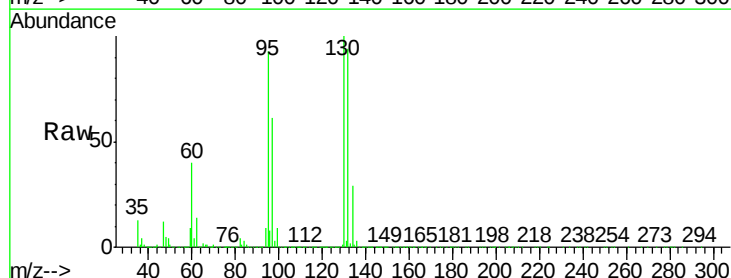
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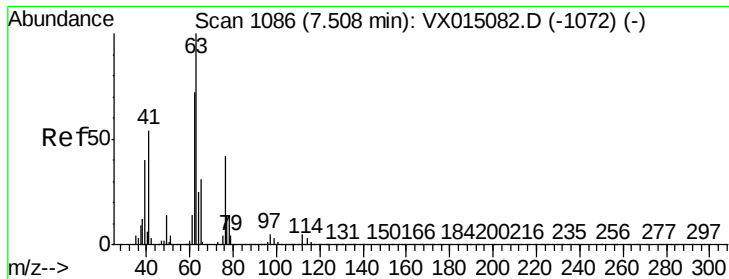
MMDadoda
3/6/2020 4:49:28 PM



#44
Trichloroethene
Concen: 51.937 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion:	130	Resp:	222205
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	181.2





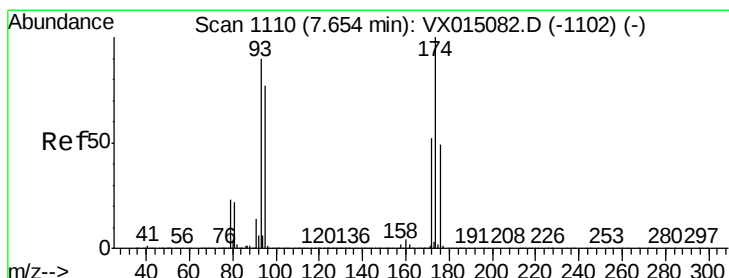
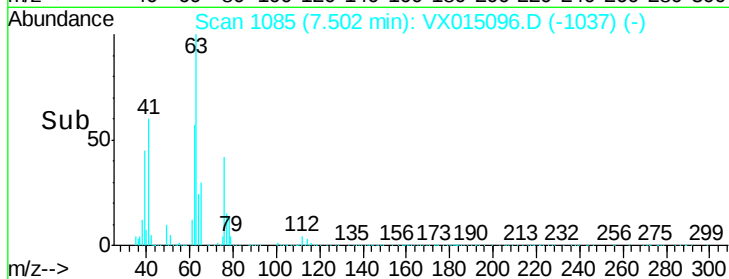
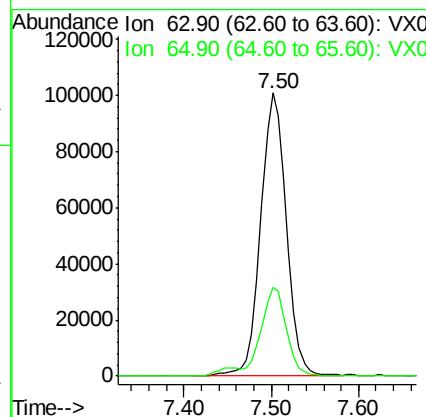
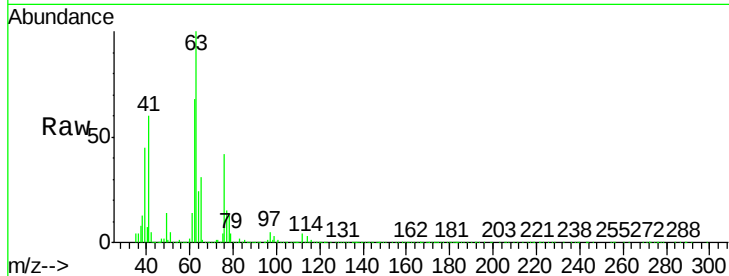
#45
 1,2-Dichloropropane
 Concen: 51.547 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.6	36.8

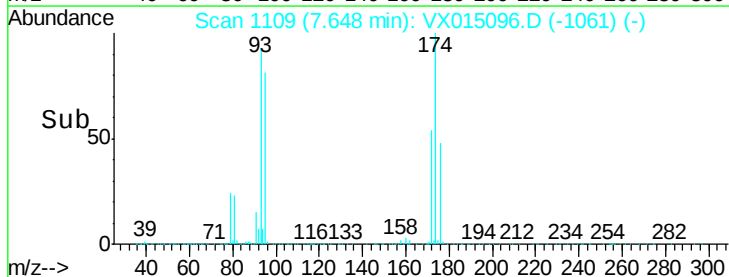
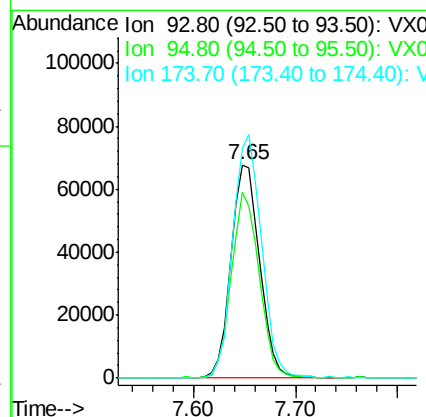
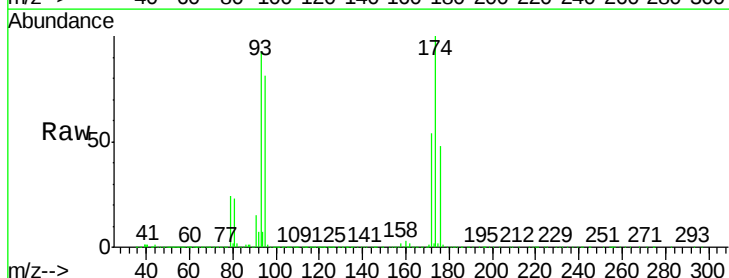
Manual Integrations
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 3/6/2020 4:49:28 PM



#46
 Dibromomethane
 Concen: 50.812 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.8	101.8
174	114.5	91.0	136.4





#47

Bromodichloromethane

Concen: 53.139 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

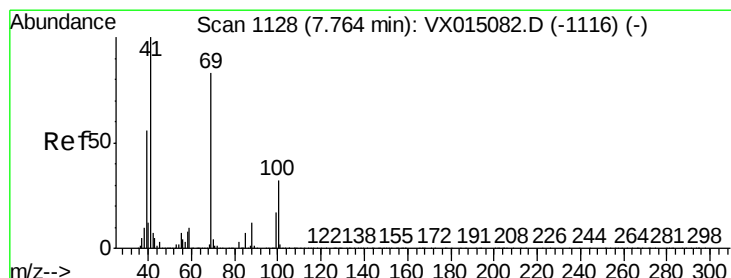
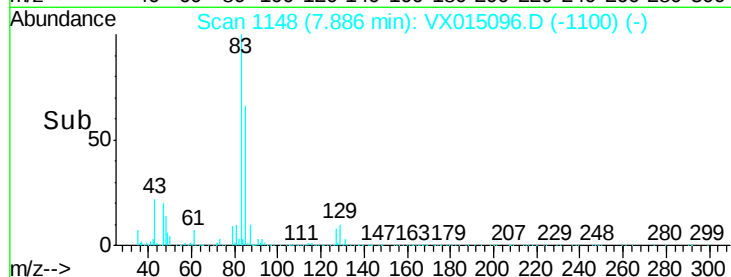
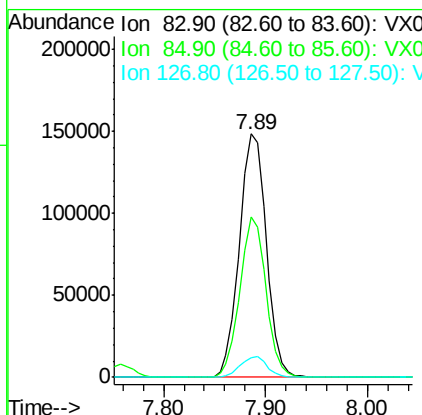
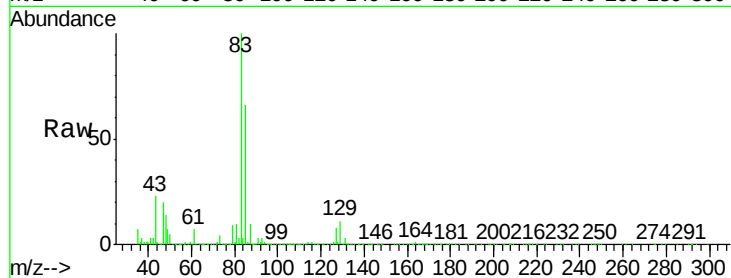
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	272270
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.6	75.8
127	8.2	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.741 ug/l

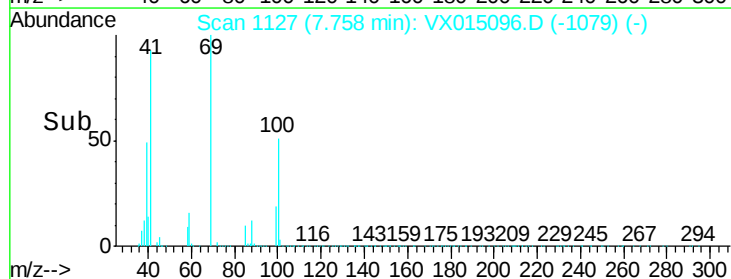
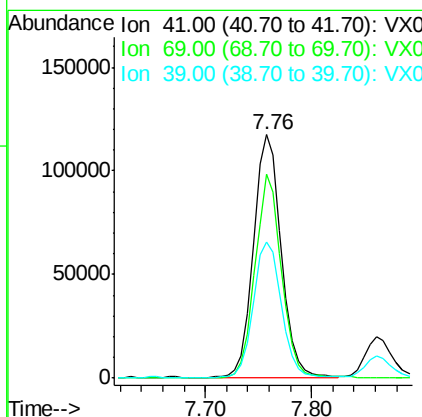
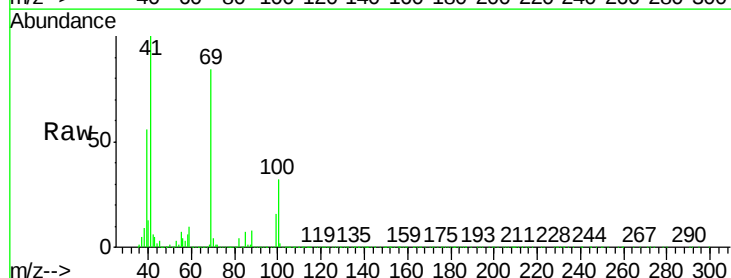
RT: 7.76 min Scan# 1127

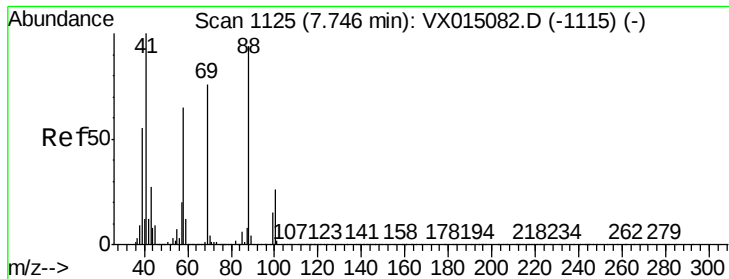
Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion:	41	Resp:	213917
Ion	Ratio	Lower	Upper
41	100		
69	80.4	65.4	98.2
39	56.4	44.6	67.0





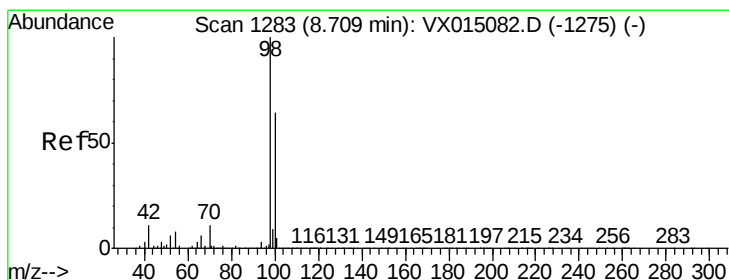
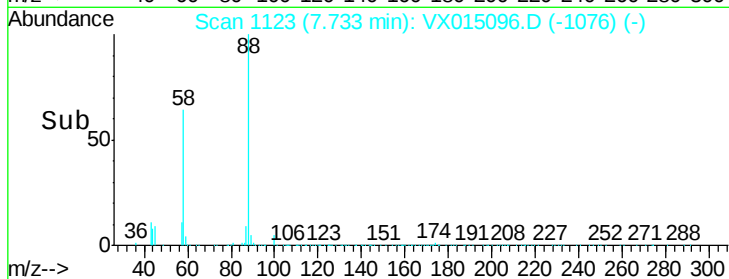
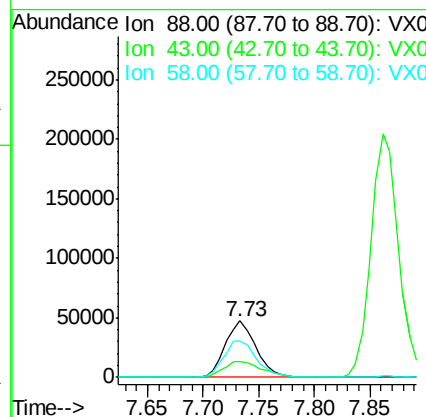
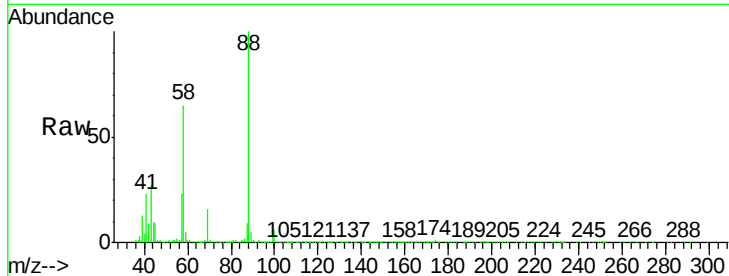
#49
1,4-Dioxane
Concen: 969.522 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	27.0	40.4
58	69.8	55.6	83.4

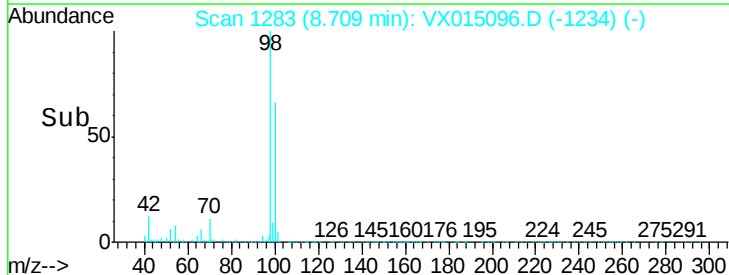
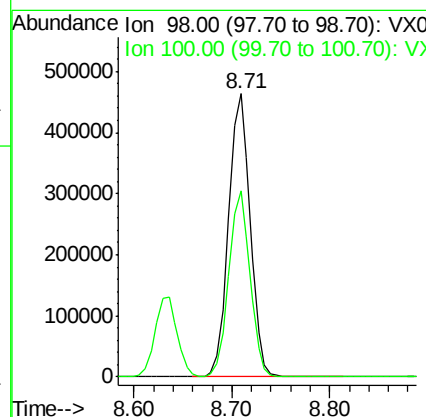
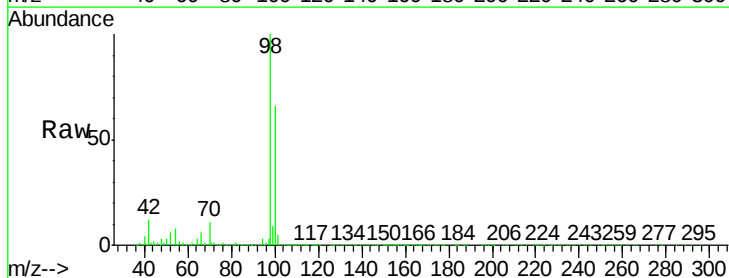
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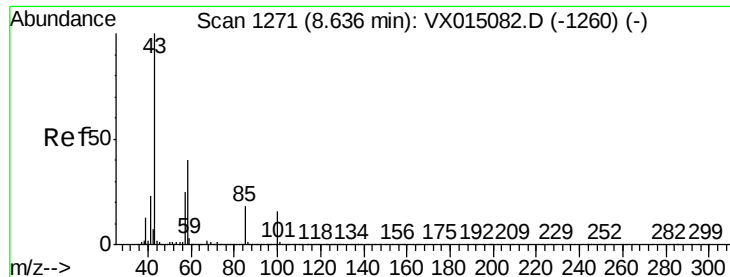
MMDadoda
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#50
Toluene-d8
Concen: 52.684 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 256.104 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1279486

Ion Ratio Lower Upper

43 100

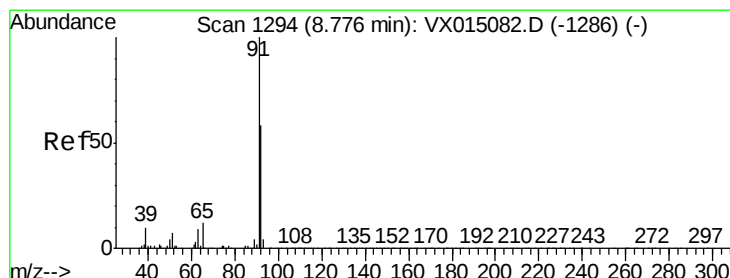
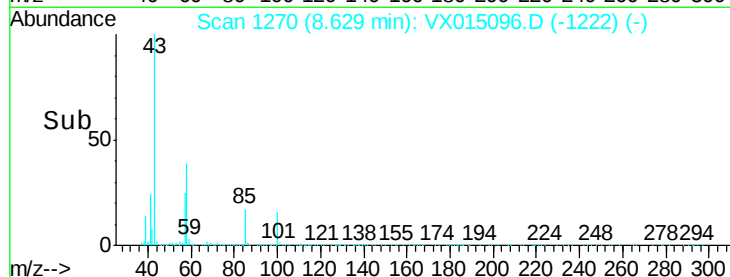
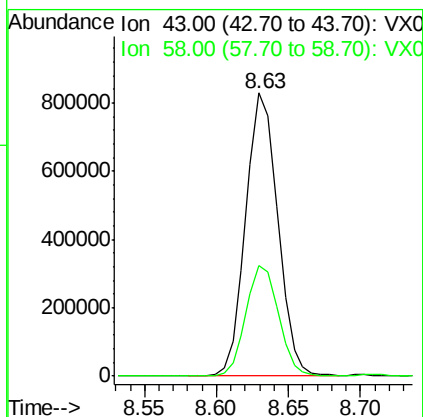
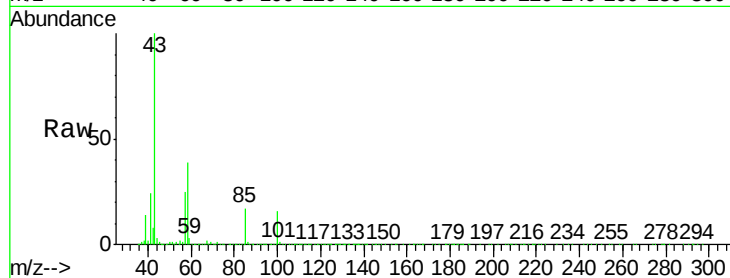
58 39.6 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 53.390 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015096.D

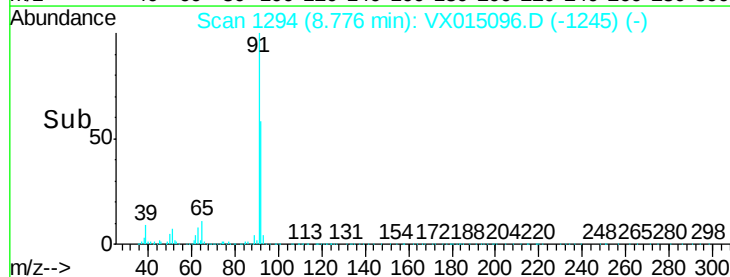
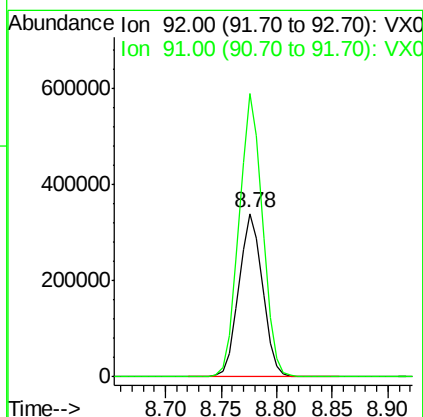
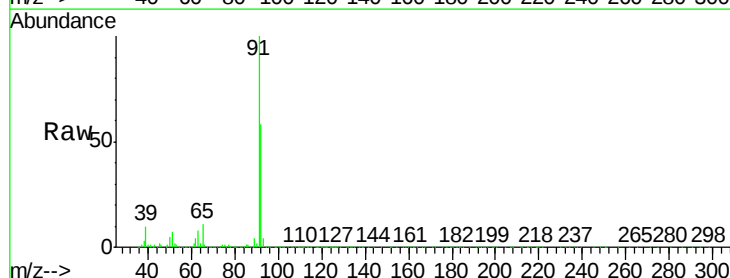
Acq: 05 Mar 2020 08:44

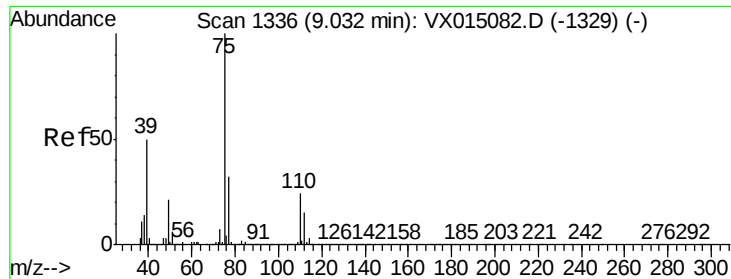
Tgt Ion: 92 Resp: 501500

Ion Ratio Lower Upper

92 100

91 171.9 136.9 205.3





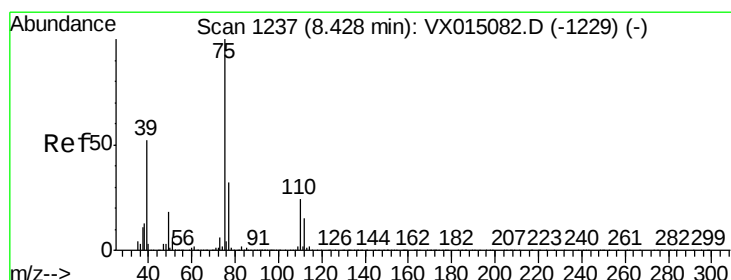
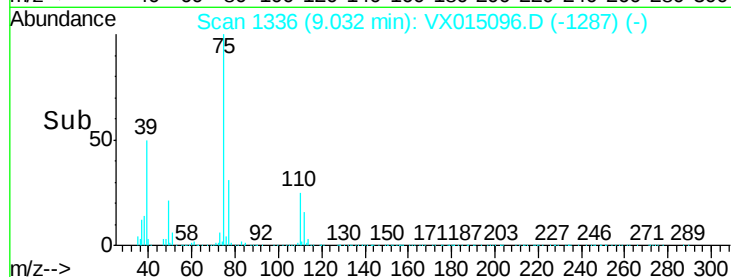
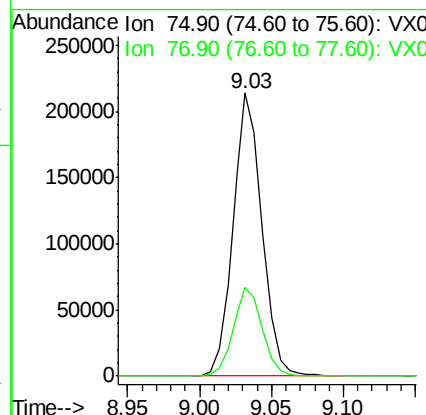
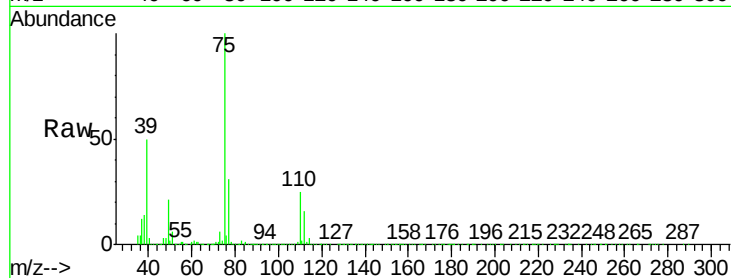
#53
 t-1,3-Dichloropropene
 Concen: 54.729 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0

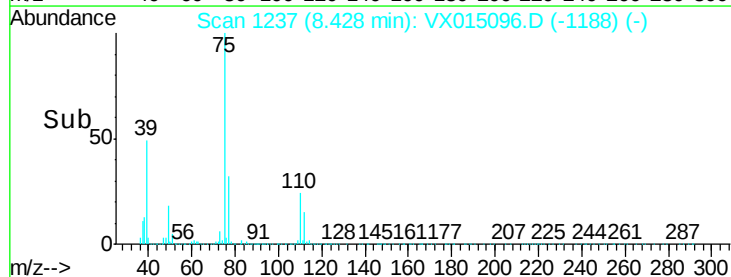
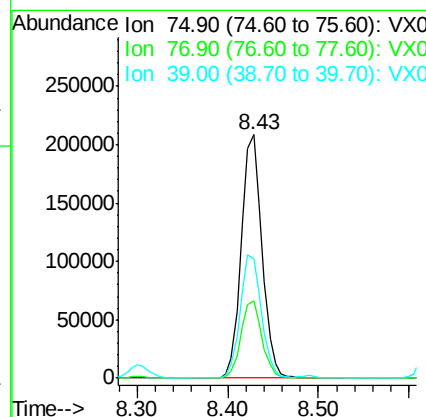
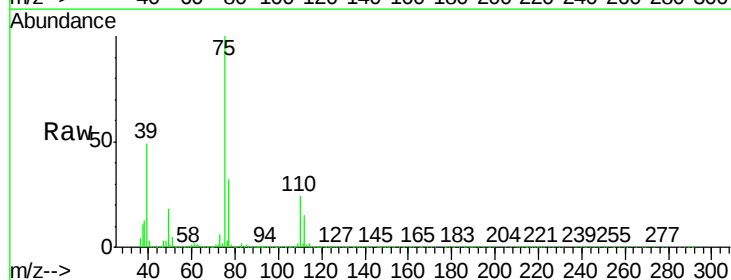
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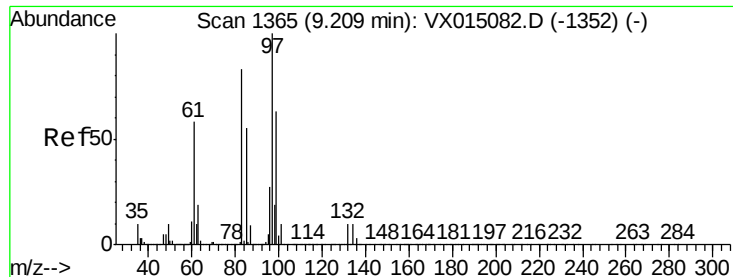
MMDadoda
 3/6/2020 4:49:28 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.685 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.6
39	49.0	41.3	61.9





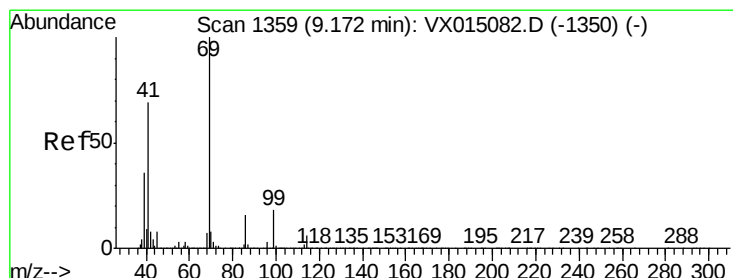
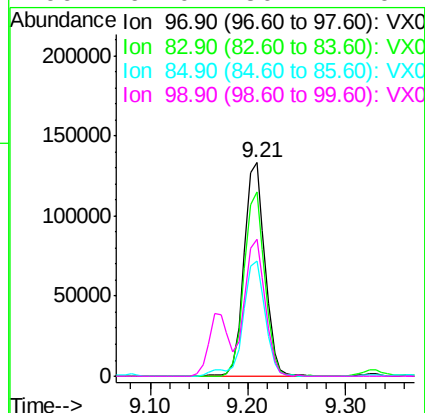
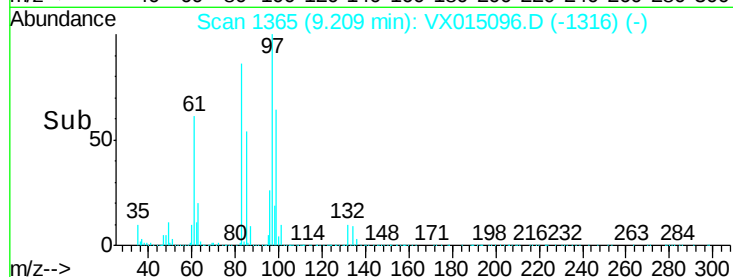
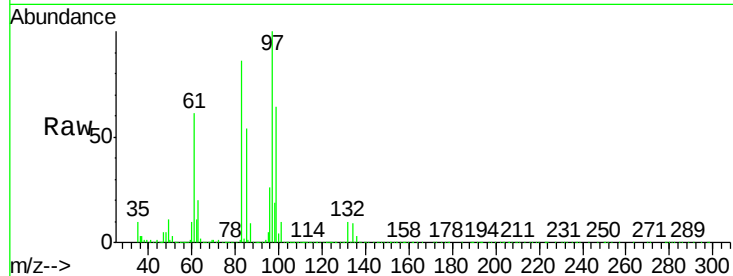
#55
 1,1,2-Trichloroethane
 Concen: 50.886 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	66.4	99.6
85	54.1	43.5	65.3
99	64.0	50.7	76.1

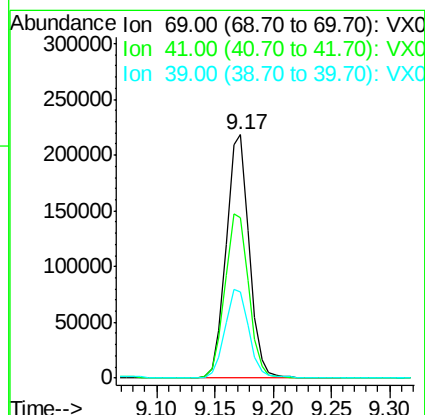
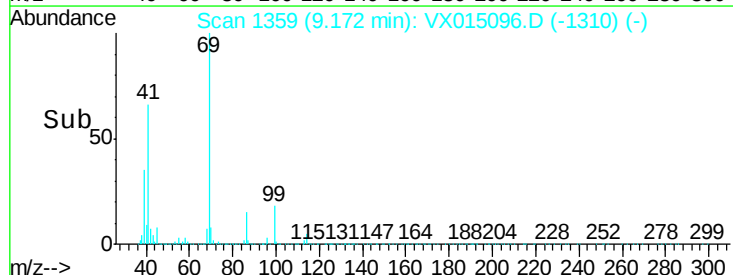
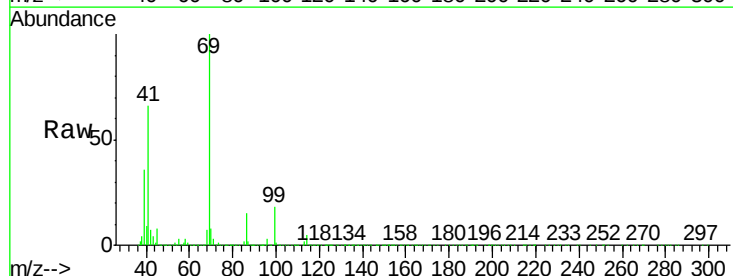
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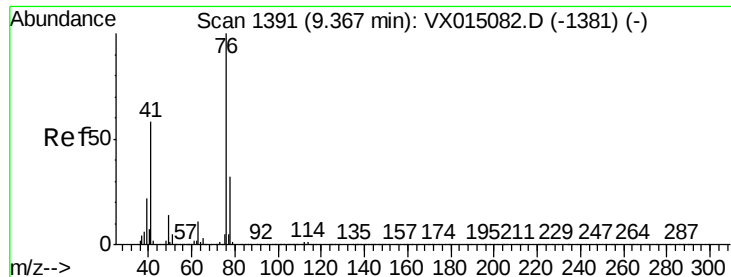
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#56
 Ethyl methacrylate
 Concen: 54.145 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.8	83.8
39	37.5	29.4	44.2





#57

1,3-Dichloropropane

Concen: 51.513 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 335064

Ion Ratio Lower Upper

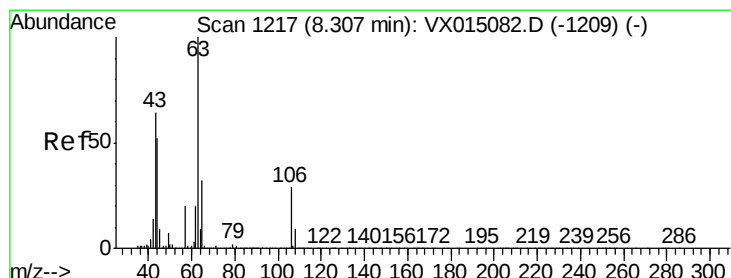
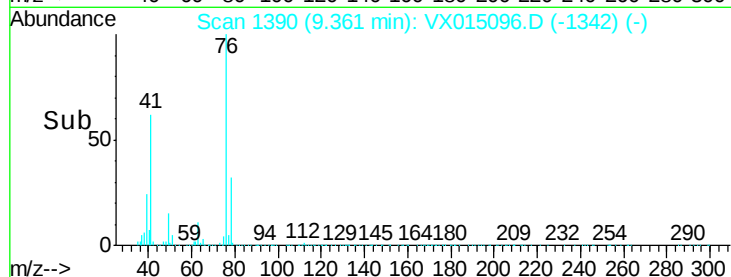
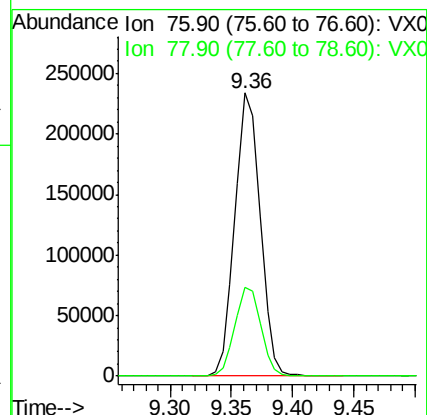
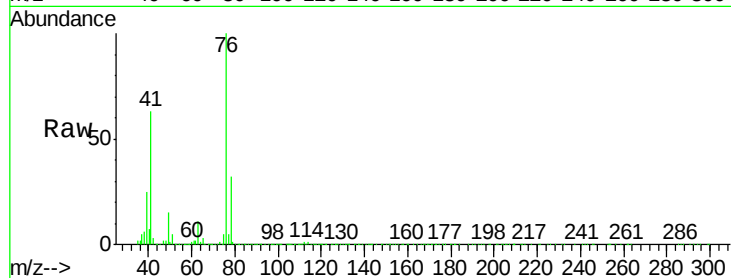
76 100

78 31.9 25.6 38.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 279.304 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015096.D

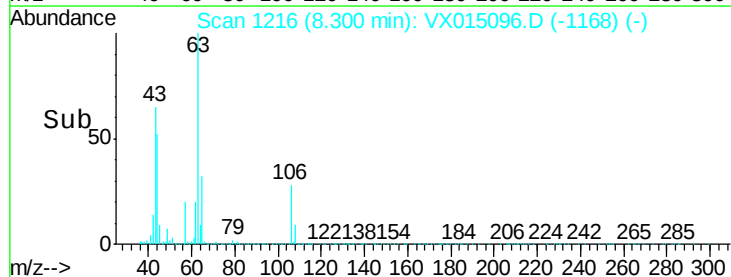
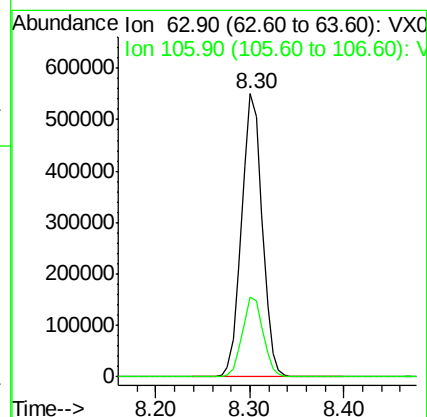
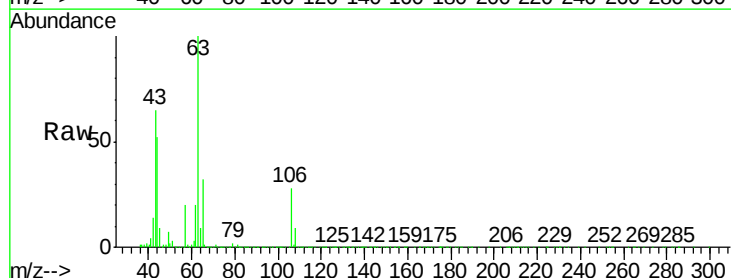
Acq: 05 Mar 2020 08:44

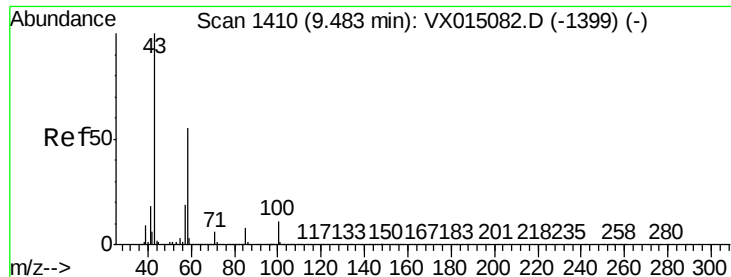
Tgt Ion: 63 Resp: 839098

Ion Ratio Lower Upper

63 100

106 28.4 22.8 34.2





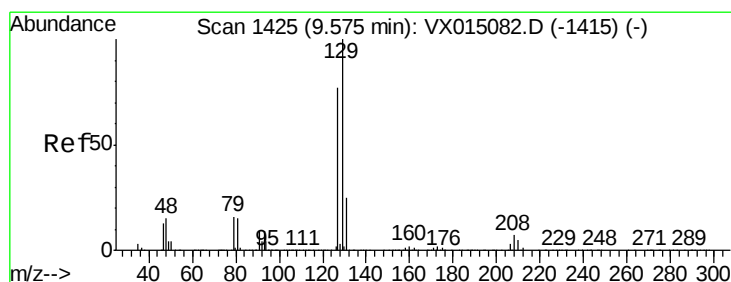
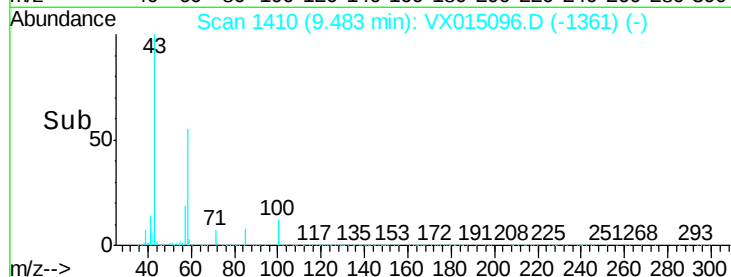
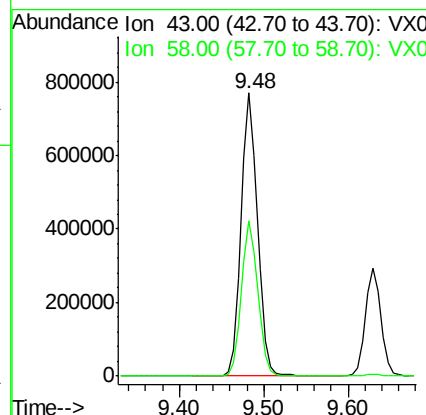
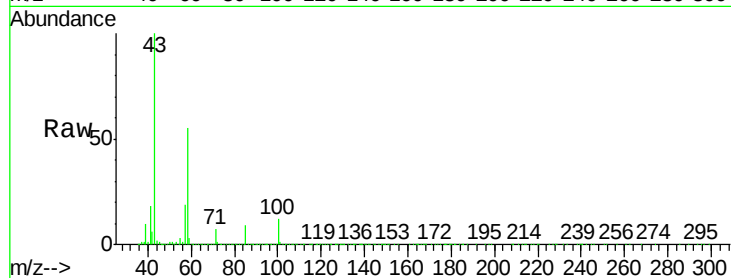
#59
2-Hexanone
Concen: 272.529 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1009157
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8

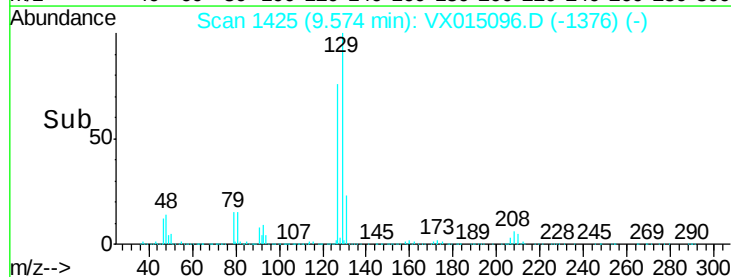
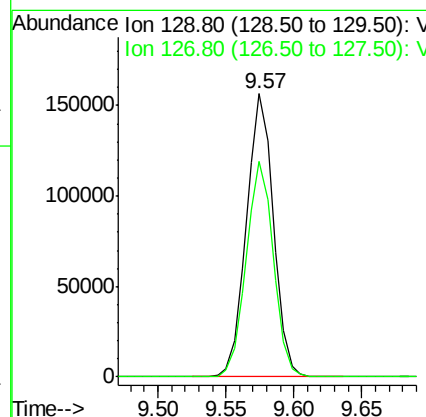
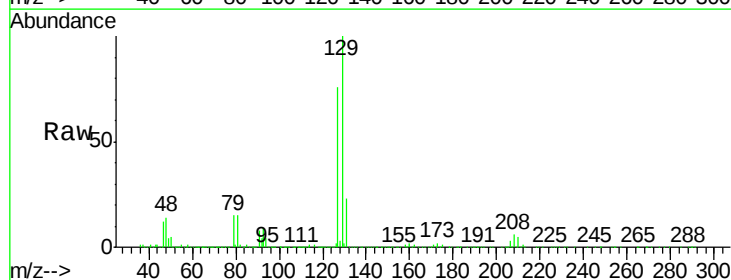
Manual Integrations
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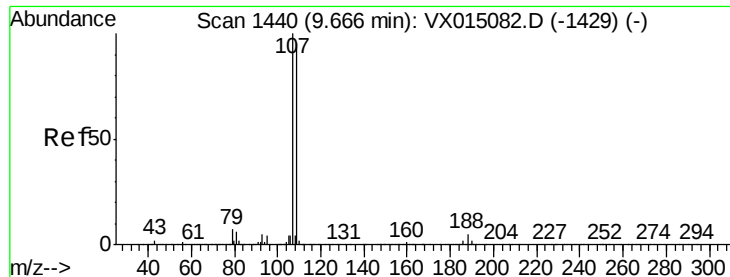
MMDadoda
3/6/2020 4:49:28 PM



#60
Dibromochloromethane
Concen: 53.525 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 129 Resp: 217380
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.3





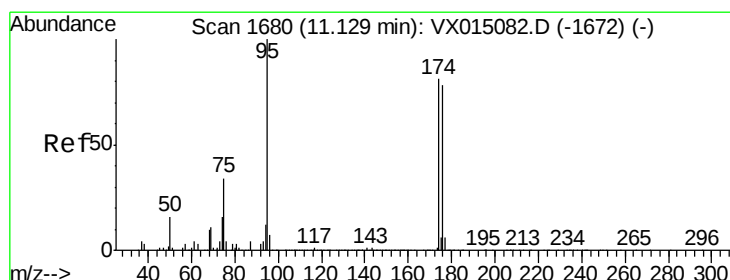
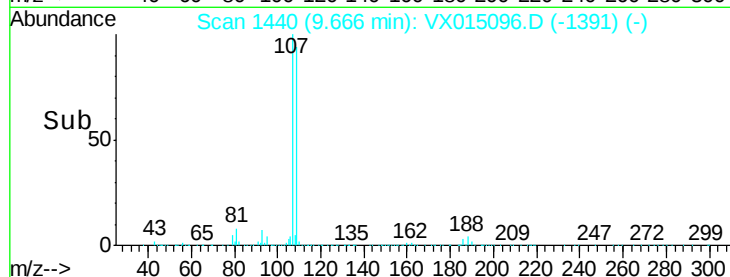
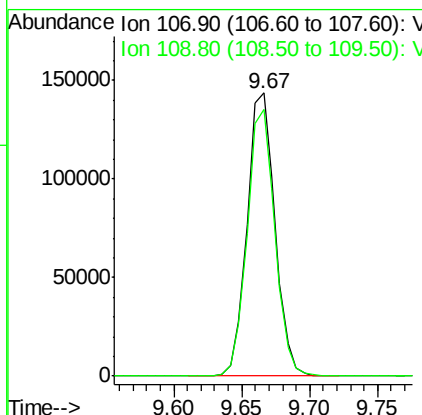
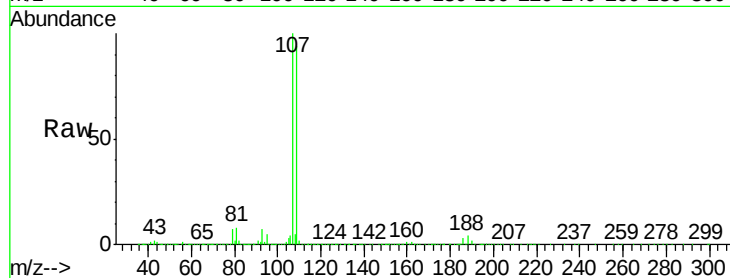
#61
 1,2-Dibromoethane
 Concen: 50.822 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.6	113.4

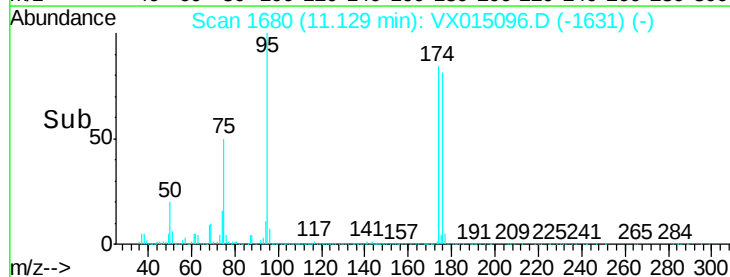
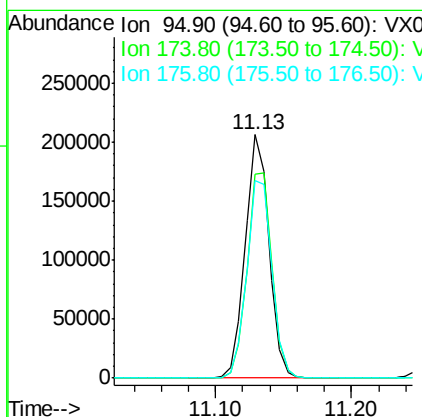
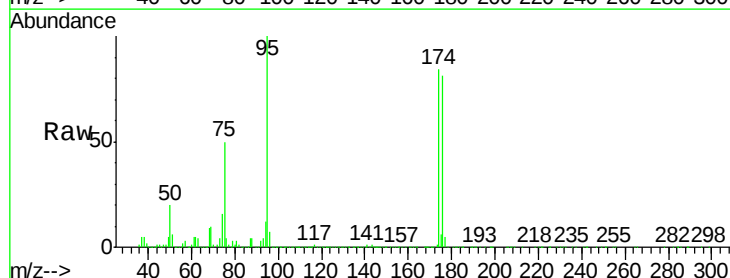
Manual Integrations
 APPROVED

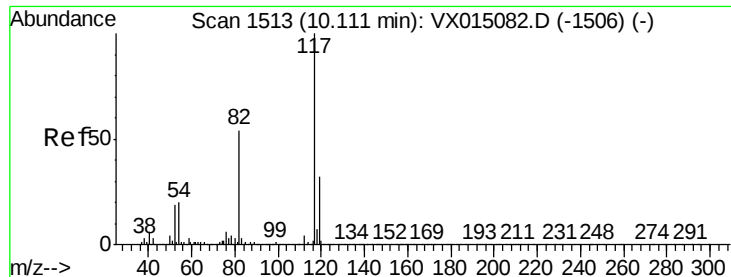
MMDadoda
 3/6/2020 4:49:28 PM



#62
 4-Bromofluorobenzene
 Concen: 52.634 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	177.6
176	86.4	0.0	170.2





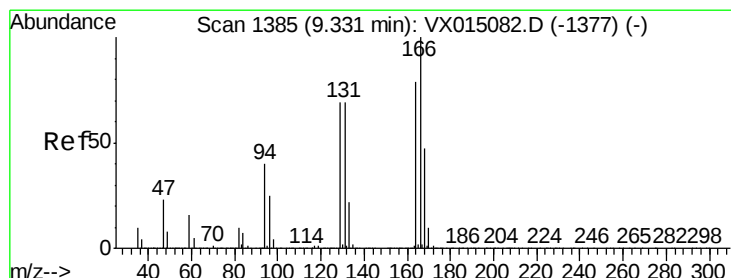
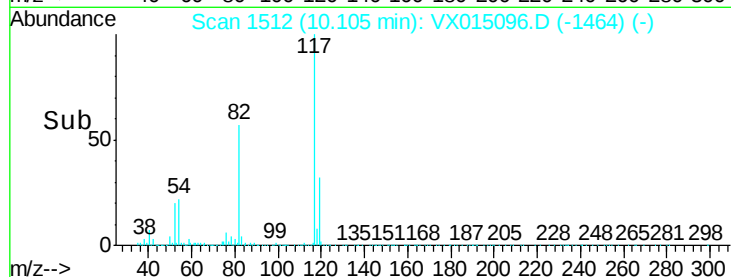
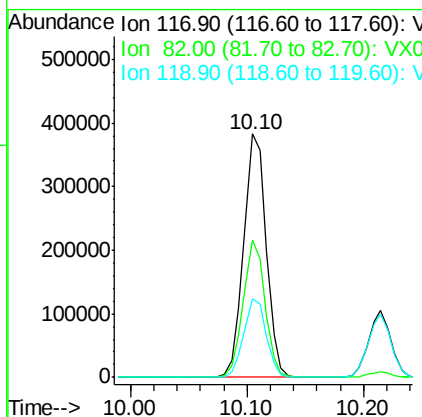
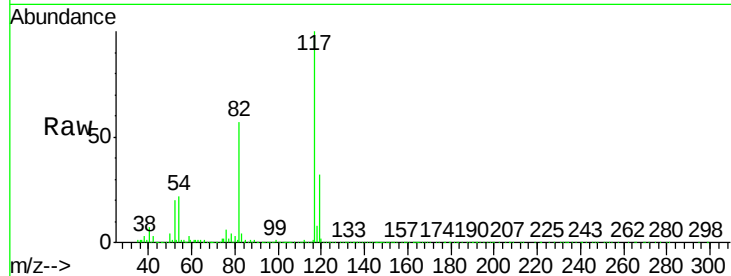
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.6	43.3	64.9
119	32.3	25.8	38.8

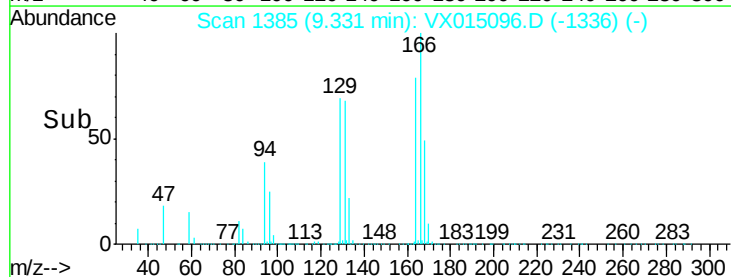
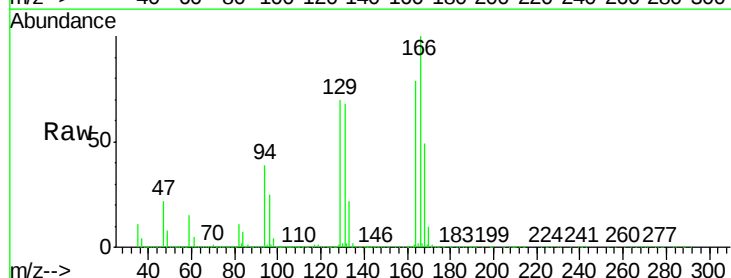
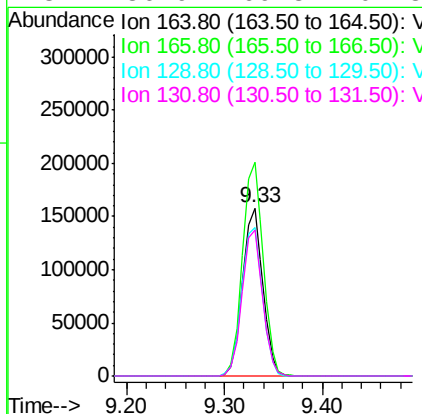
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 52.889 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.0	101.1	151.7
129	88.2	69.4	104.0
131	86.9	69.8	104.8





#65

Chlorobenzene

Concen: 51.522 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 538054

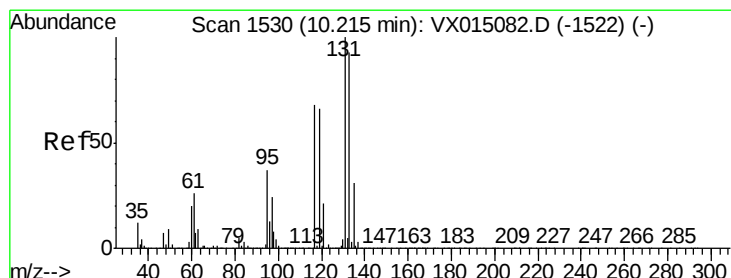
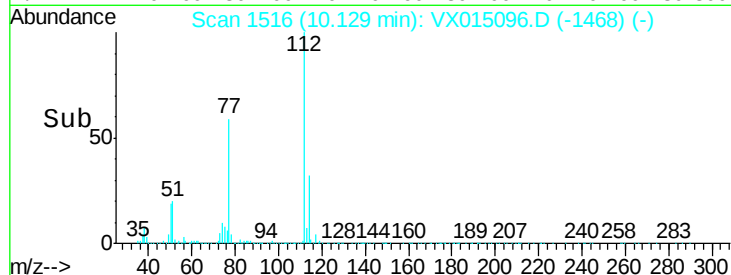
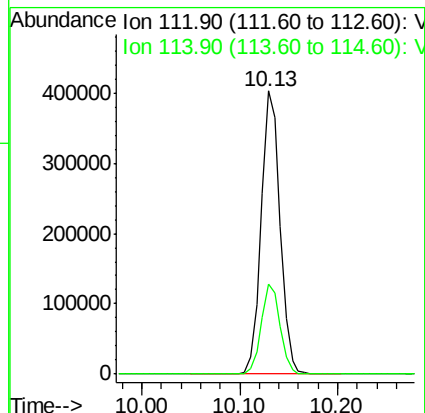
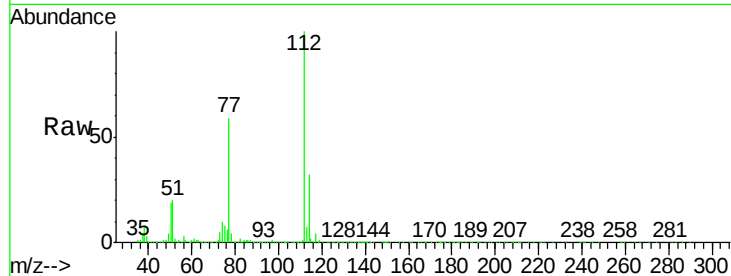
Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 51.072 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

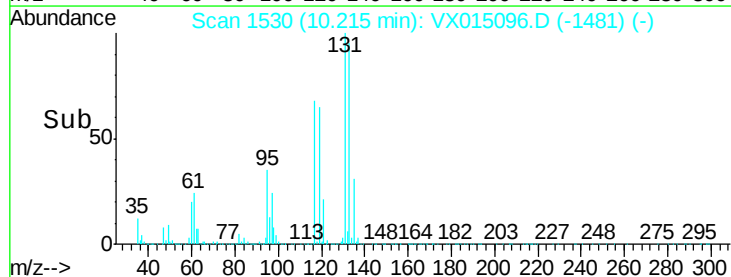
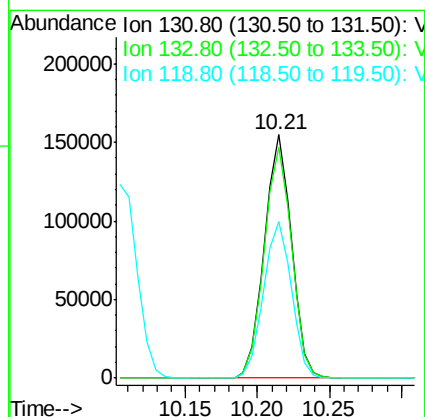
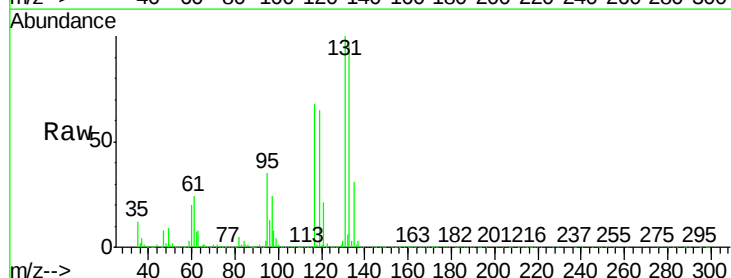
Tgt Ion:131 Resp: 201113

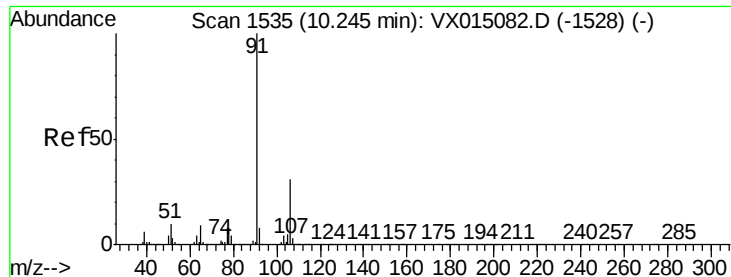
Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.5

119 66.2 33.4 100.1





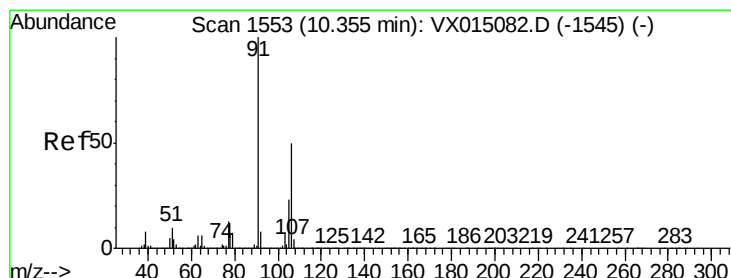
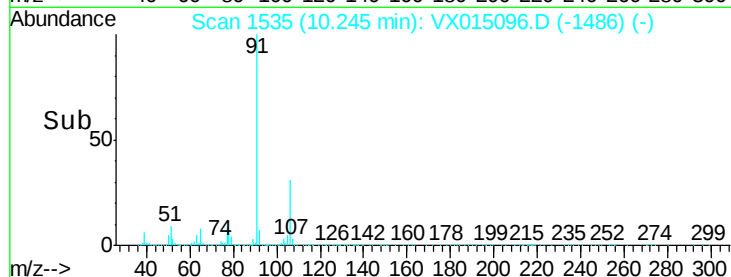
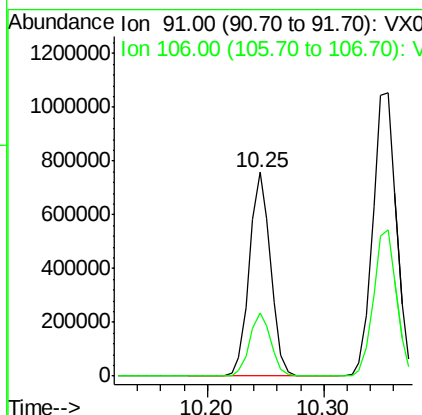
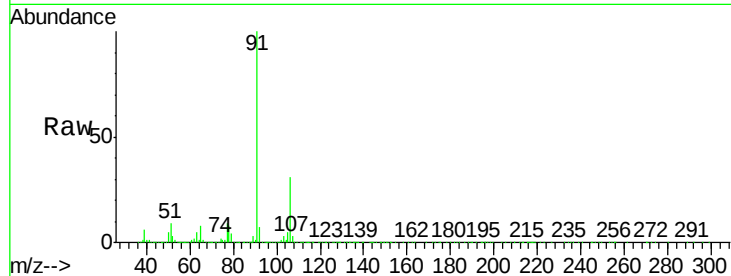
#67
Ethyl Benzene
Concen: 54.299 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 962915
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

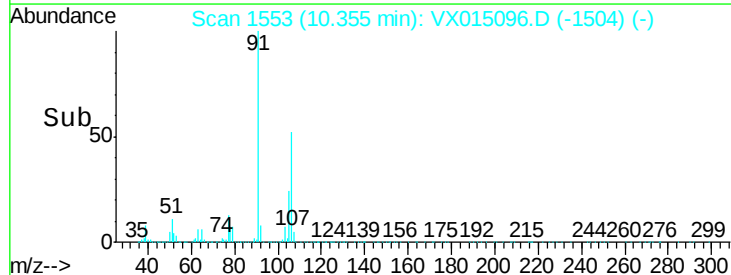
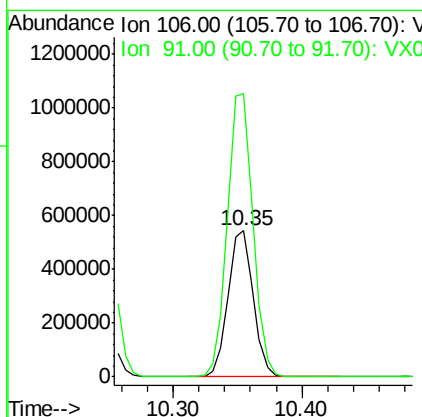
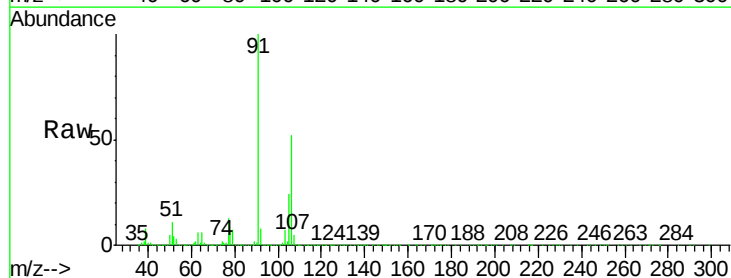
Manual Integrations
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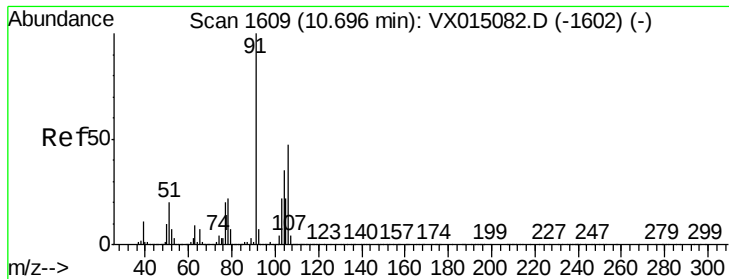
MMDadoda
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#68
m/p-Xylenes
Concen: 110.511 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion: 106 Resp: 745620
Ion Ratio Lower Upper
106 100
91 198.8 159.4 239.2





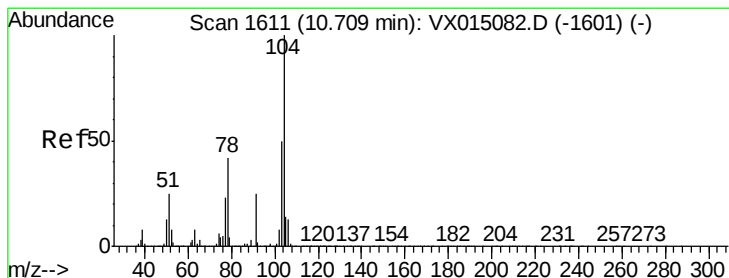
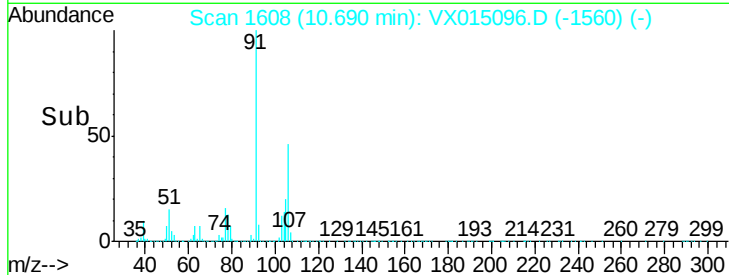
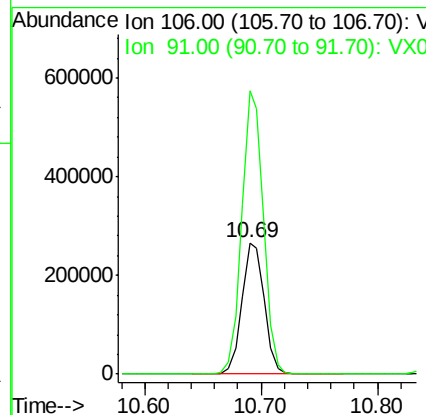
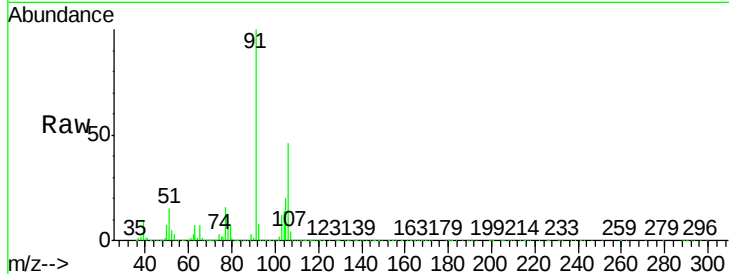
#69
o-Xylene
Concen: 54.593 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	352661		
91	209.6	105.4	316.1	

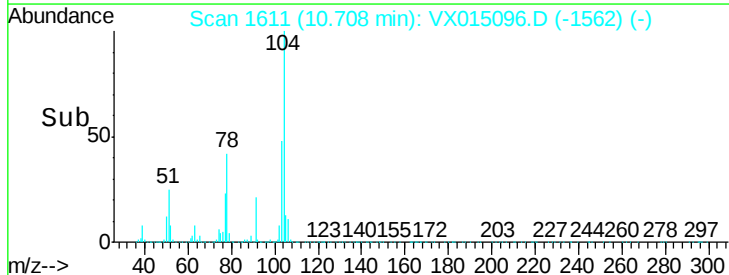
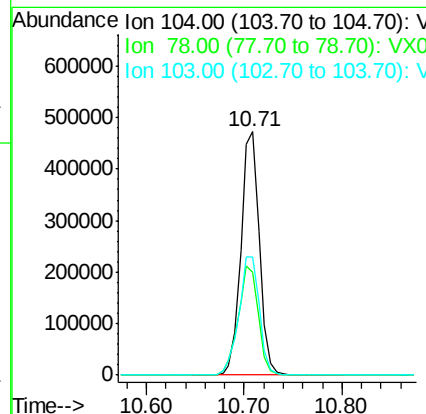
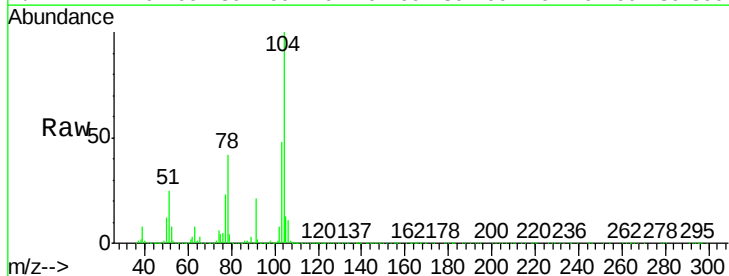
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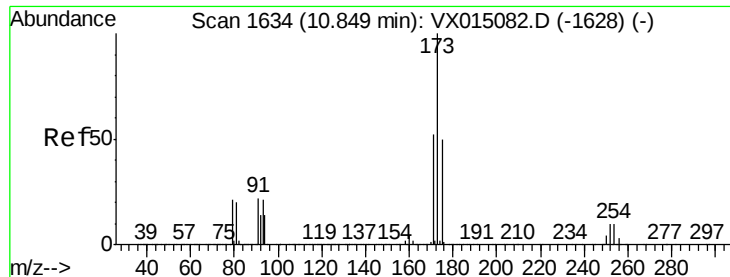
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#70
Styrene
Concen: 55.590 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	615719		
78	49.1	39.0	58.4	
103	54.2	43.7	65.5	





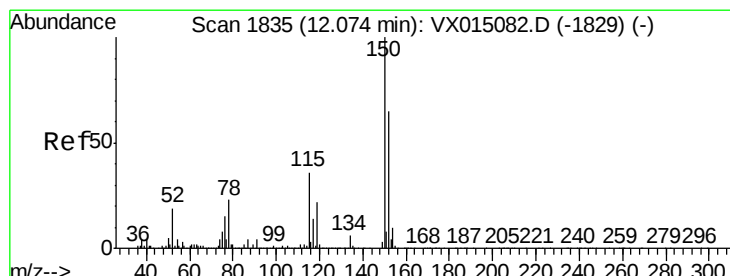
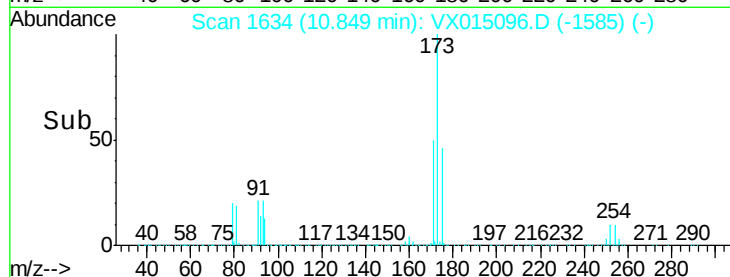
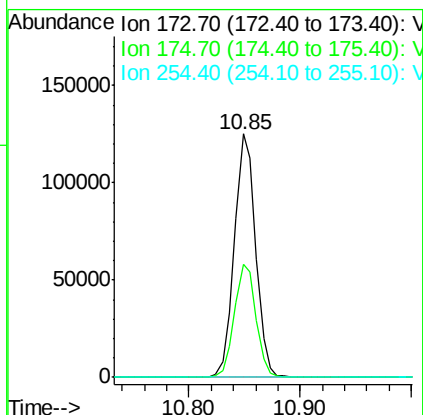
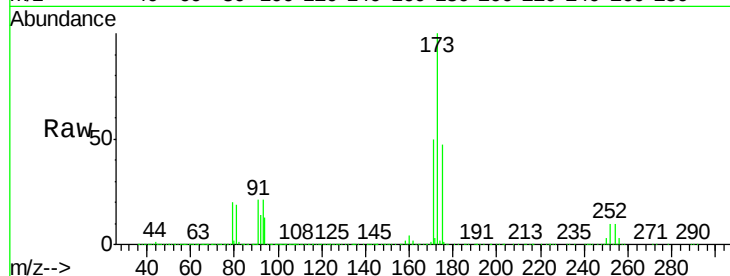
#71
Bromoform
Concen: 54.097 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.9	74.7
254	0.3	0.2	0.2

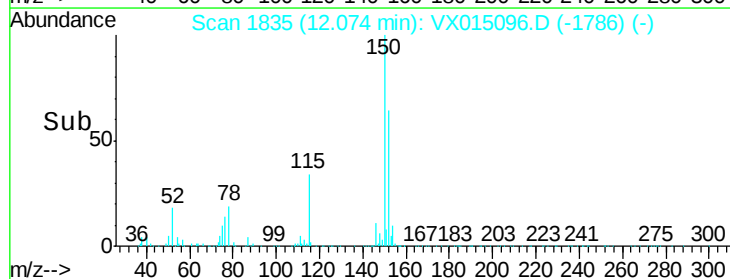
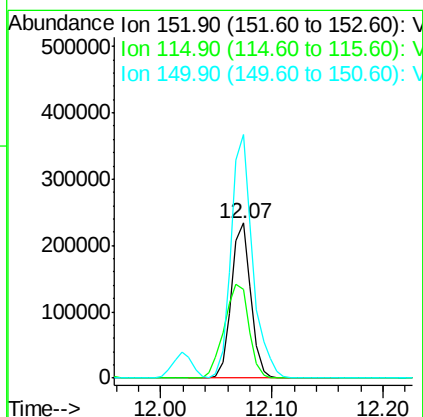
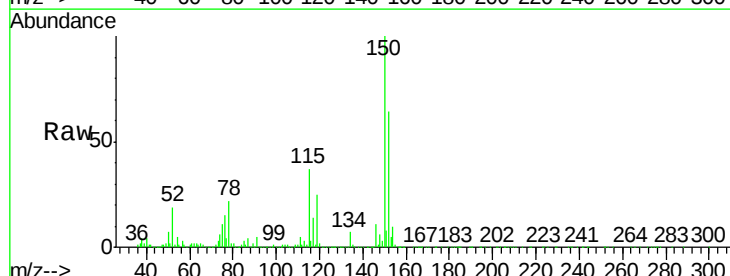
Manual Integrations
APPROVED

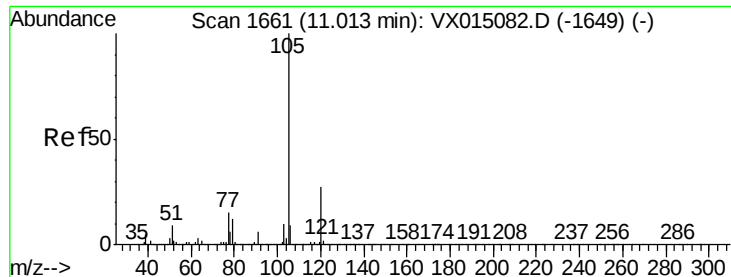
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.7	38.2	114.6
150	173.7	0.0	343.8





#73

Isopropylbenzene

Concen: 53.046 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 950180

Ion Ratio Lower Upper

105 100

120 26.9

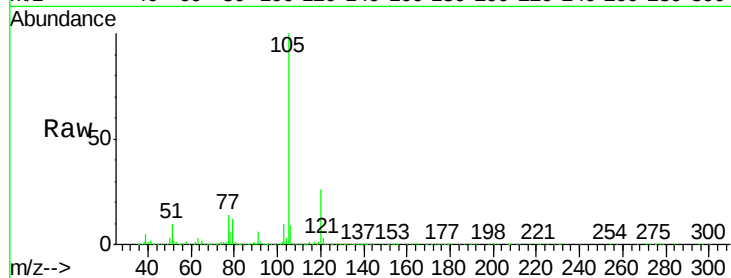
13.5

40.5

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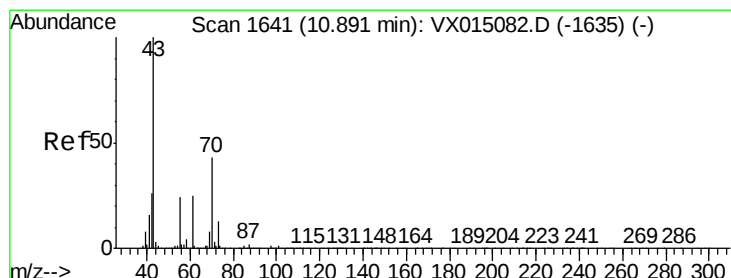
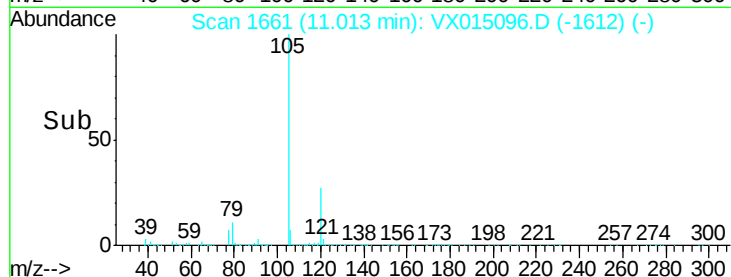
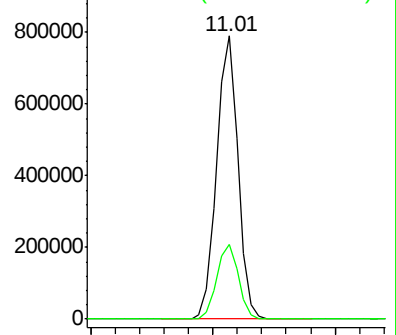
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.811 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion: 43 Resp: 376020

Ion Ratio Lower Upper

43 100

70 43.4 34.7 52.1

55 23.8 19.4 29.0

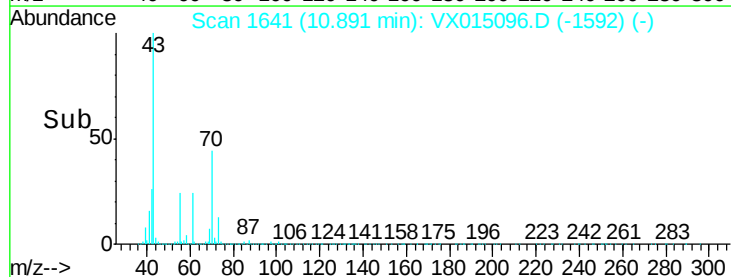
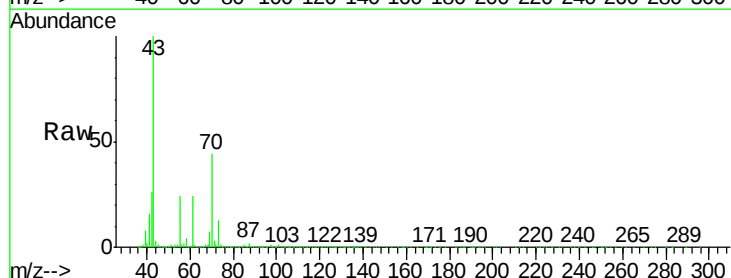
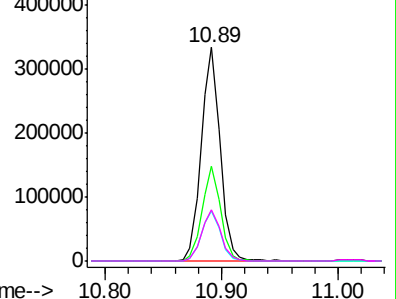
61 24.6 19.0 28.6

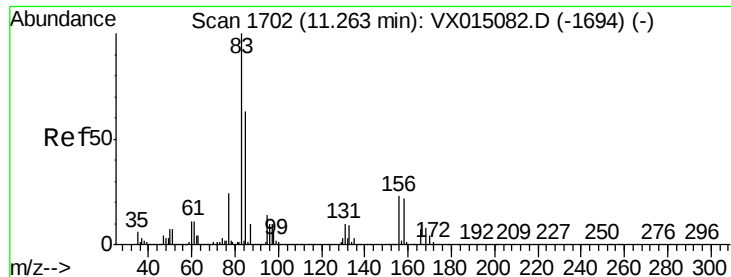
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.632 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

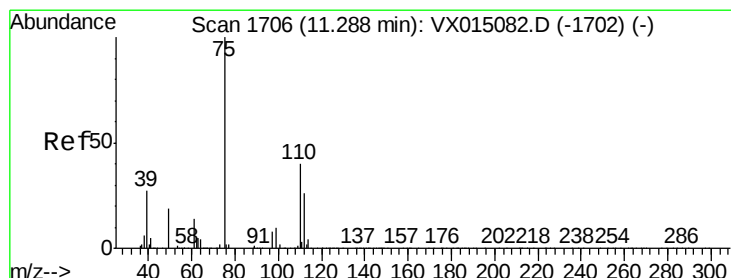
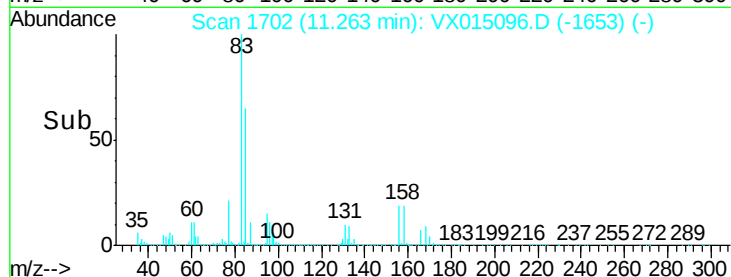
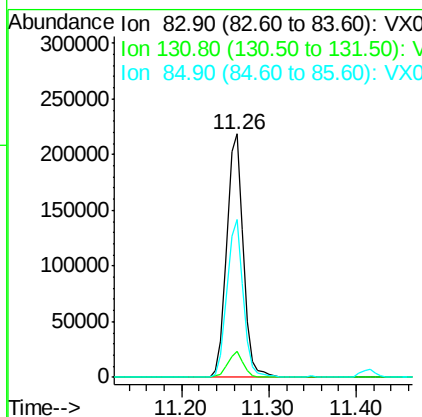
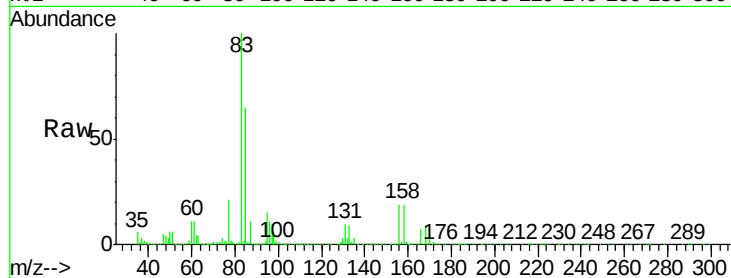
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	284346
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	63.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.102 ug/l m

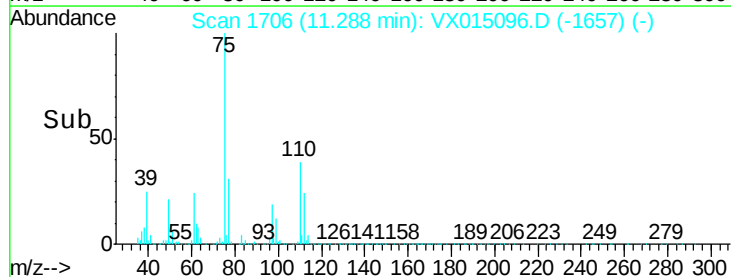
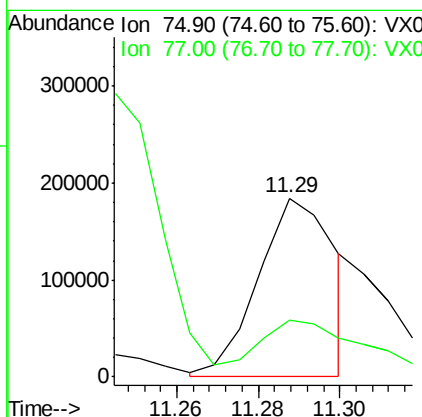
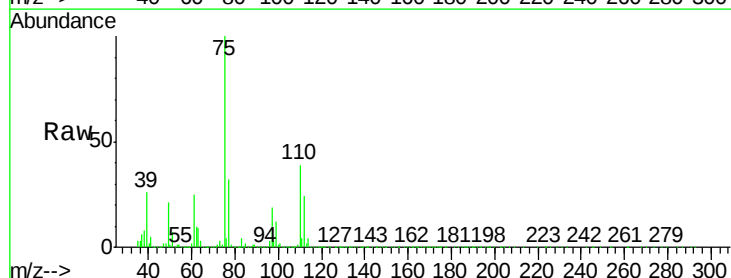
RT: 11.29 min Scan# 1706

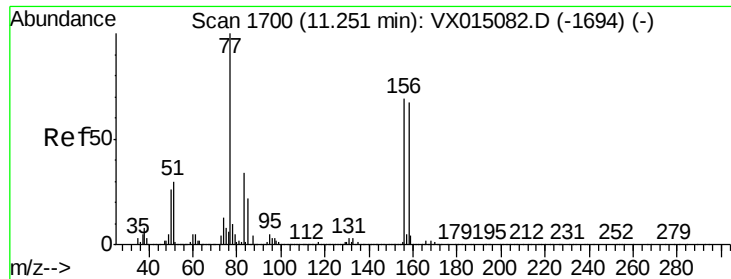
Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion:	75	Resp:	241078
Ion Ratio	Lower	Upper	
75	100		
77	43.7	22.6	67.8





#77

Bromobenzene

Concen: 49.353 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

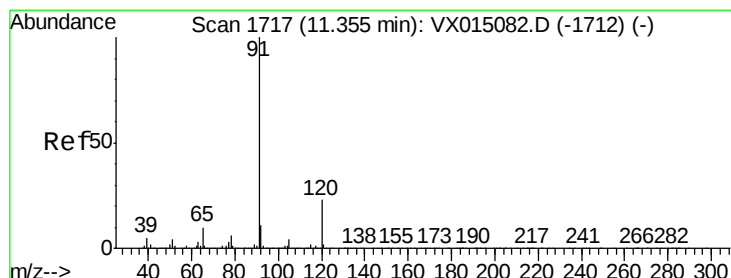
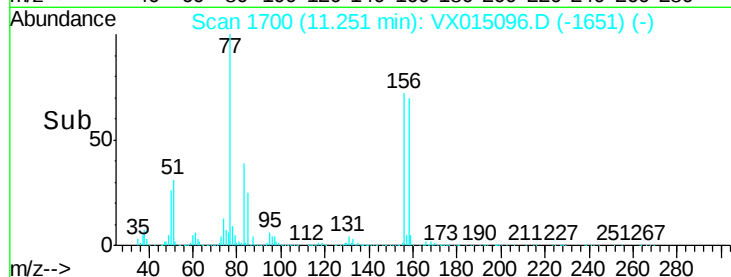
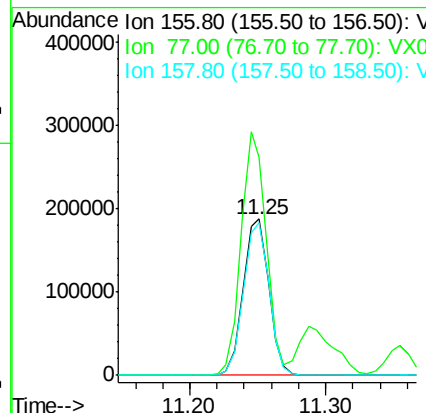
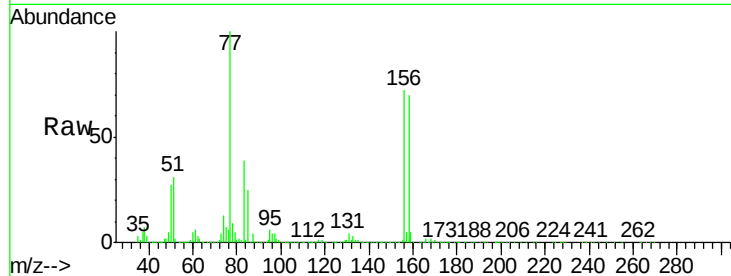
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	246370
Ion Ratio	Lower	Upper	
156	100		
77	151.6	75.3	225.9
158	97.4	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 54.334 ug/l

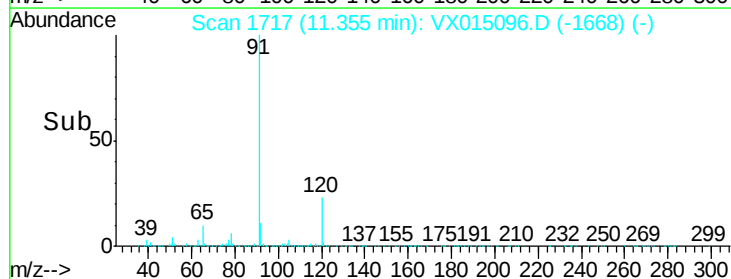
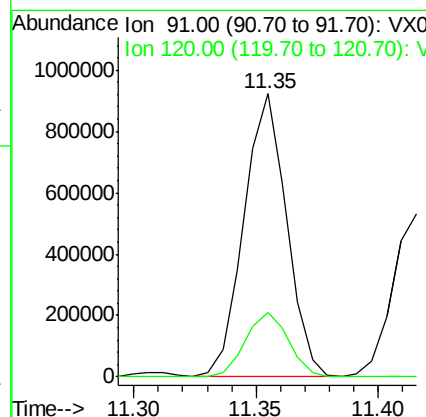
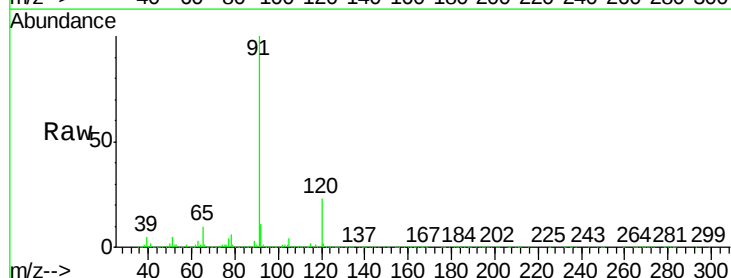
RT: 11.35 min Scan# 1717

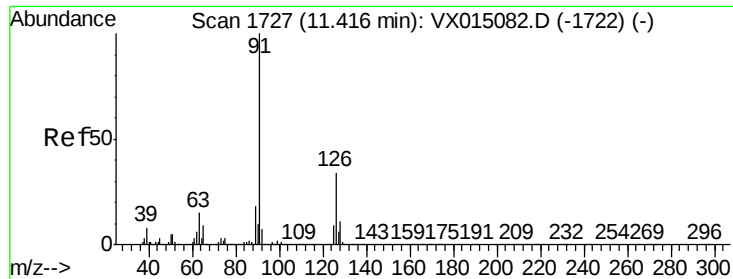
Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion:	91	Resp:	1111917
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1





#79

2-Chlorotoluene

Concen: 52.016 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 635693

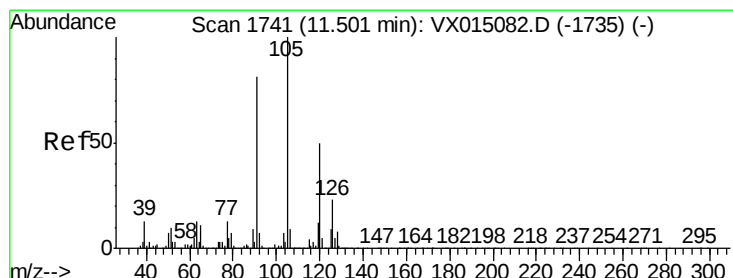
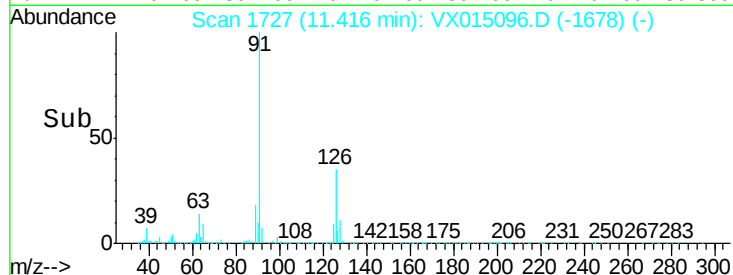
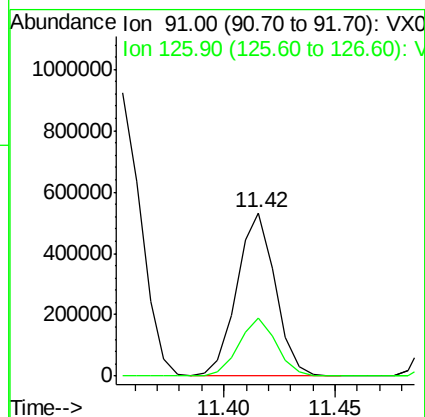
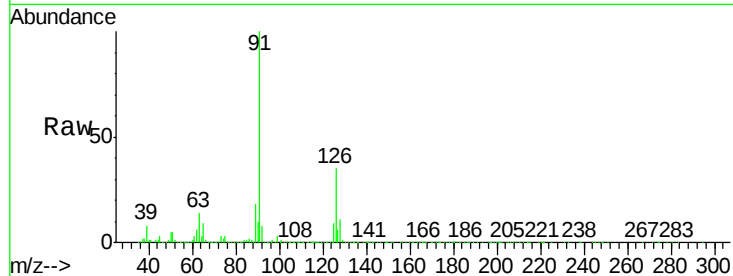
Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 54.191 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015096.D

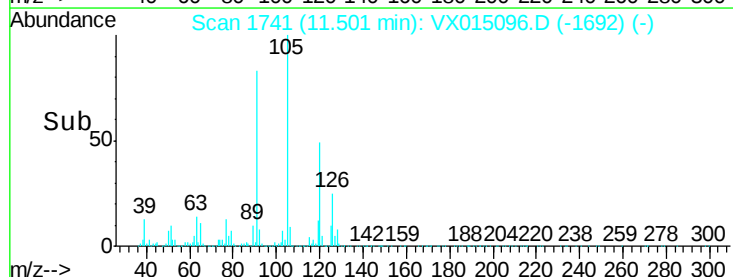
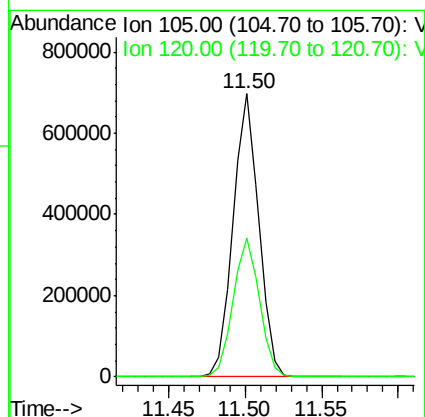
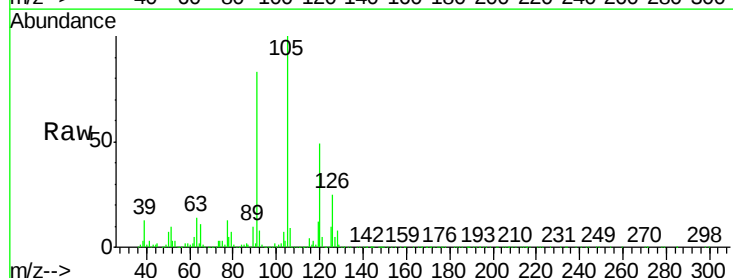
Acq: 05 Mar 2020 08:44

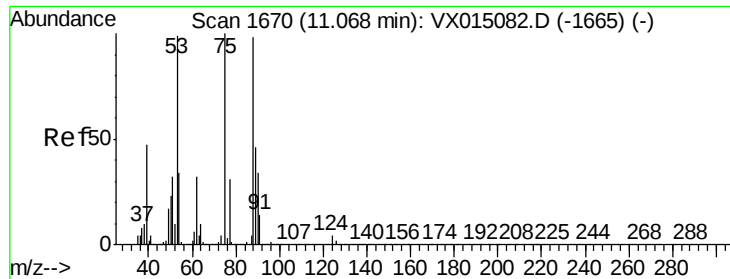
Tgt Ion: 105 Resp: 808062

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.4





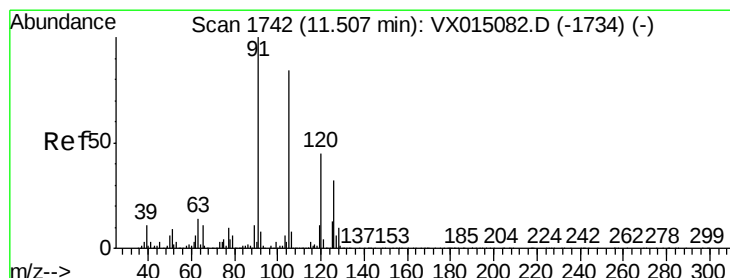
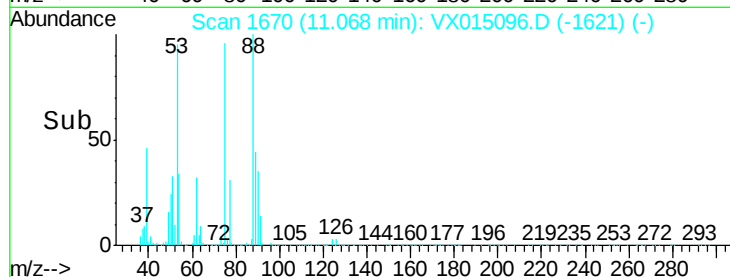
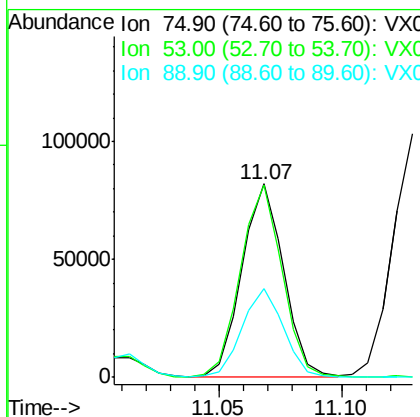
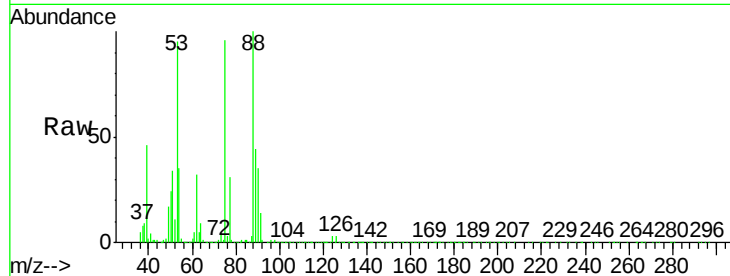
#81
trans-1,4-Dichloro-2-butene
Concen: 49.360 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.6	77.9	116.9
89	45.9	36.2	54.2

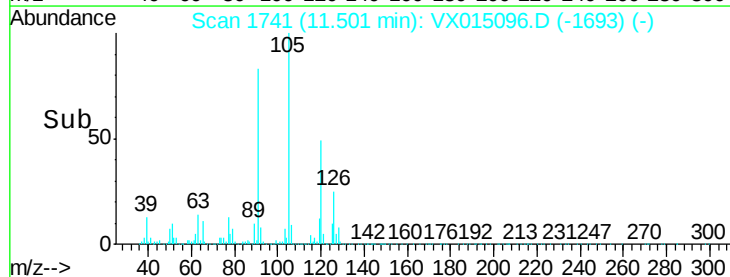
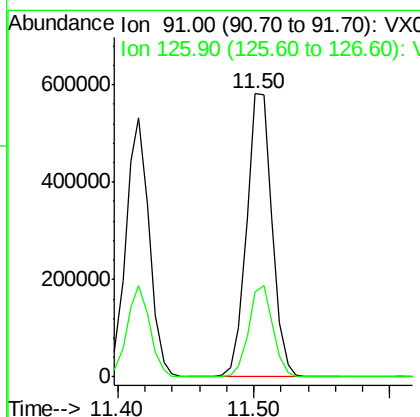
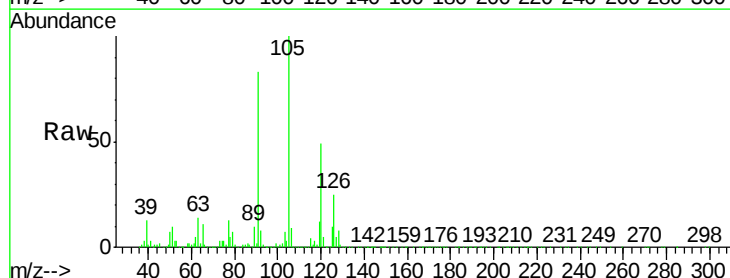
Manual Integrations
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#82
4-Chlorotoluene
Concen: 52.493 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.2





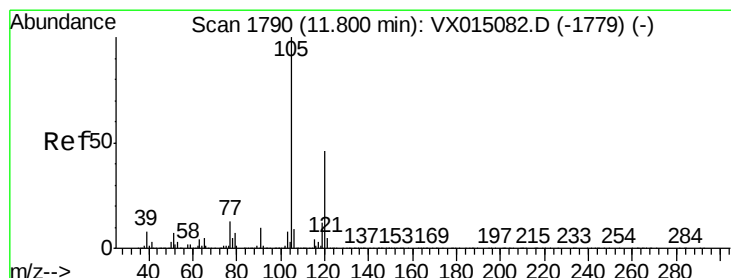
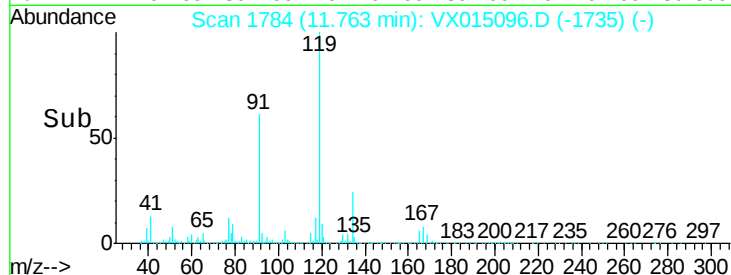
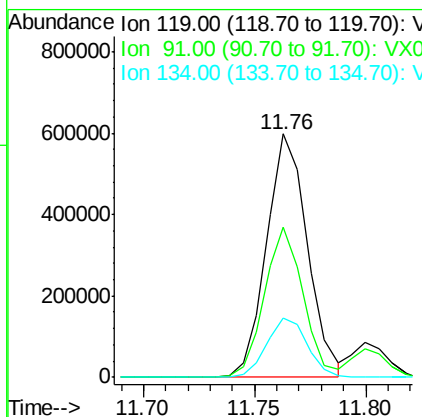
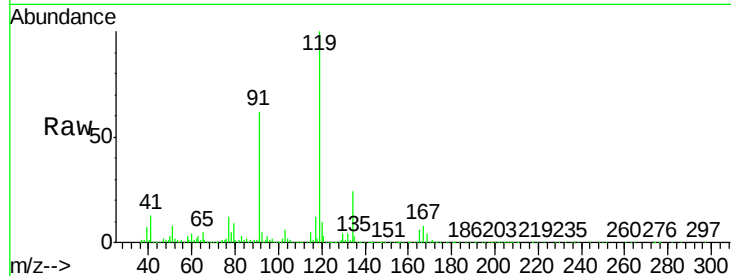
#83
tert-Butylbenzene
Concen: 52.869 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	762275		
91	58.6	28.5	85.6	
134	24.3	11.9	35.7	

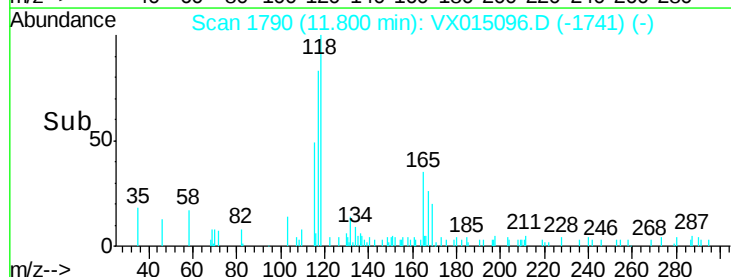
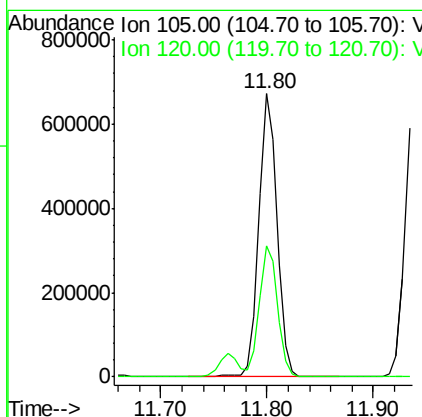
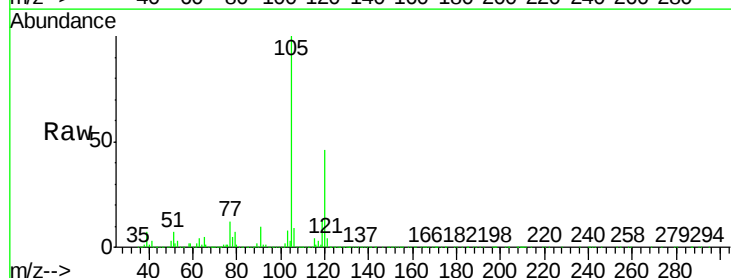
Manual Integrations
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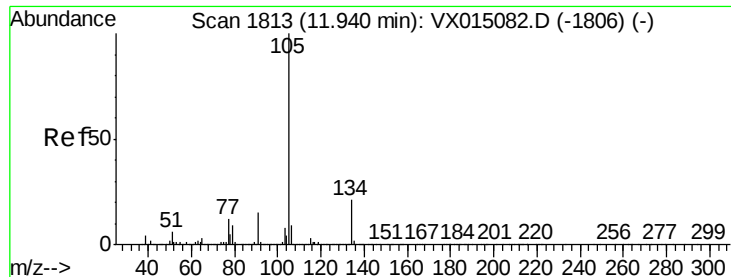
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 54.004 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	808987		
120	45.8	22.9	68.5	





#85

sec-Butylbenzene

Concen: 54.640 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 951024

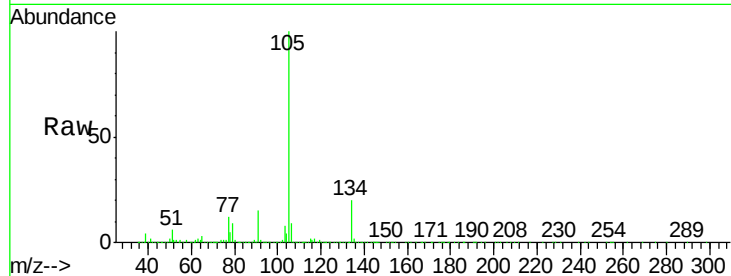
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2

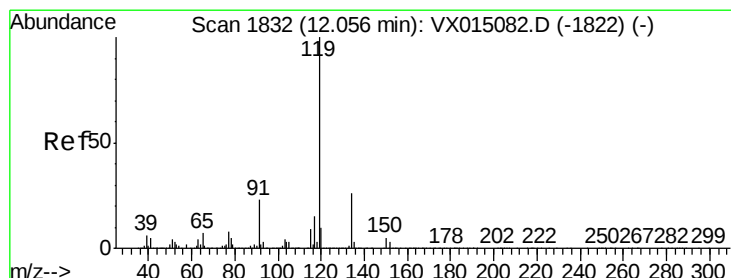
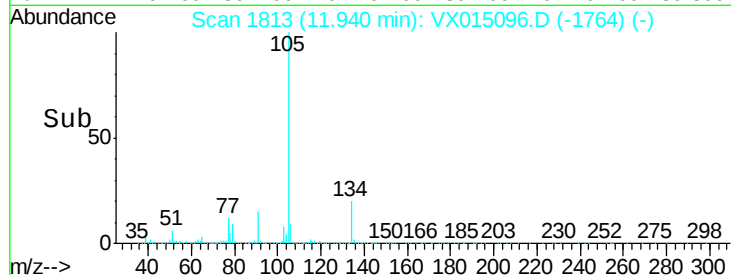
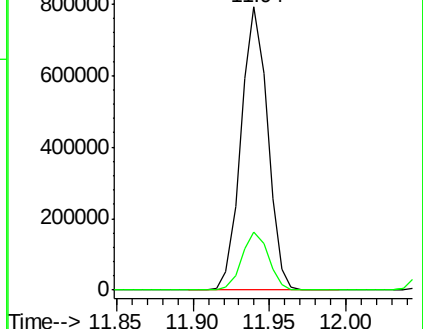
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.466 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

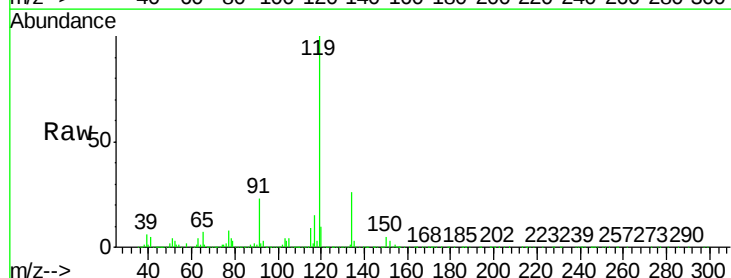
Tgt Ion:119 Resp: 889444

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

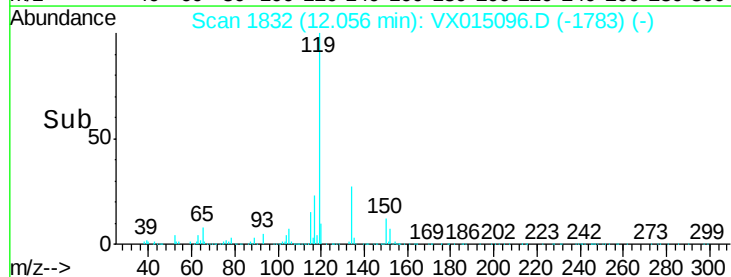
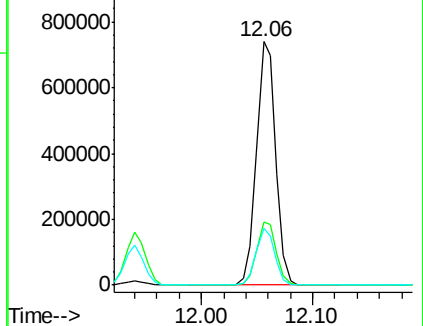
91 22.7 11.3 33.8

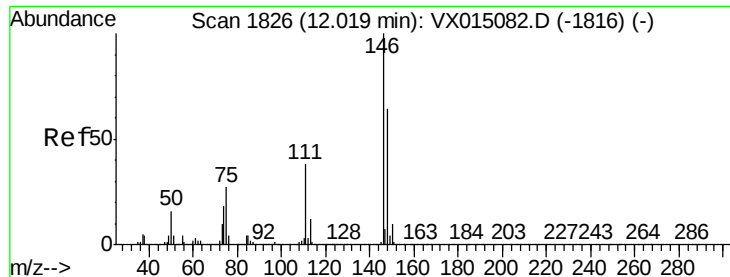


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.648 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015096.D

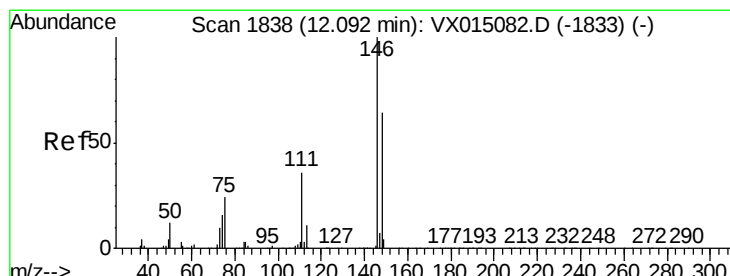
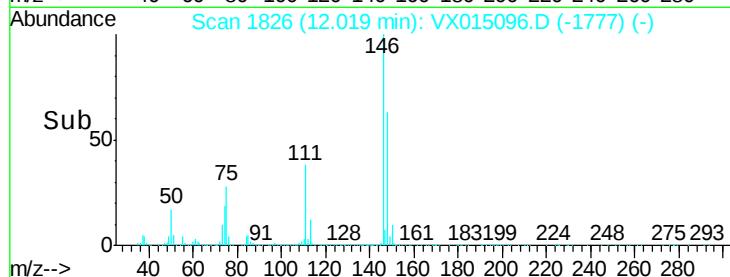
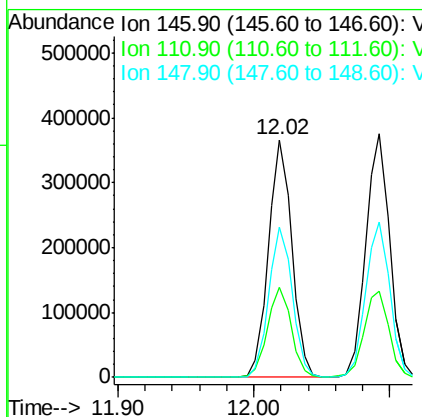
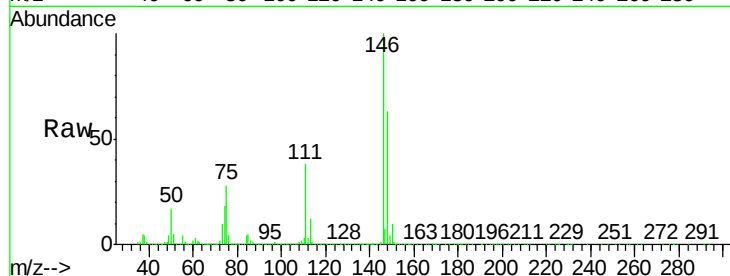
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	64.0	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 50.193 ug/l

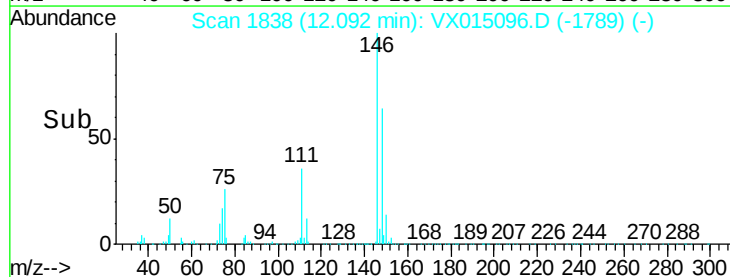
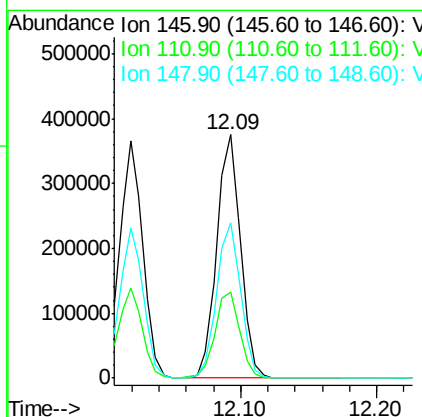
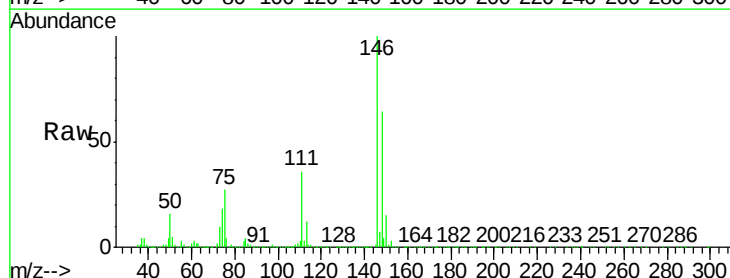
RT: 12.09 min Scan# 1838

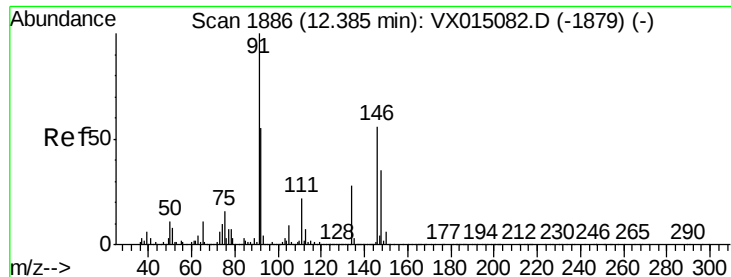
Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.3	32.5	97.4





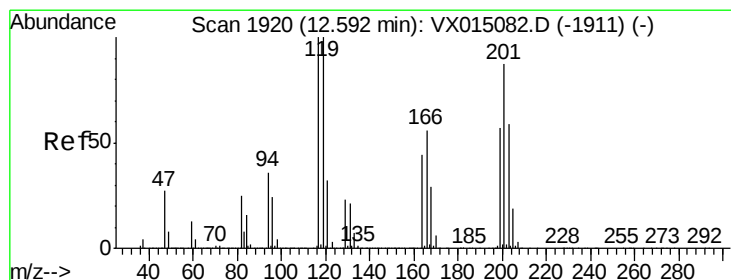
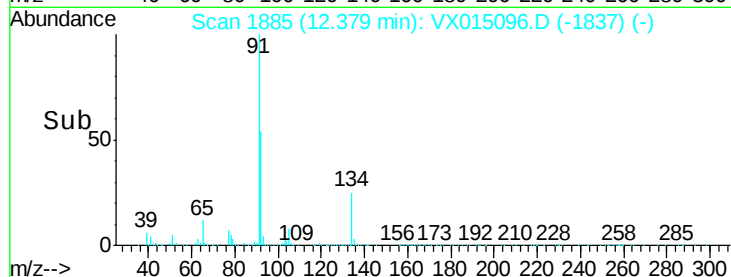
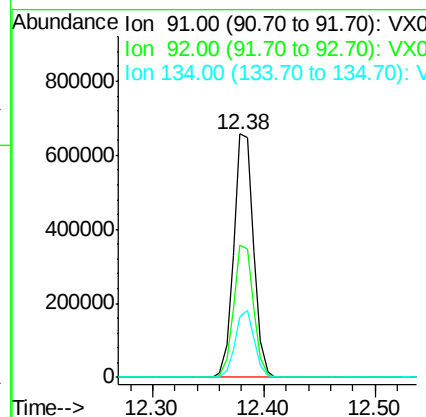
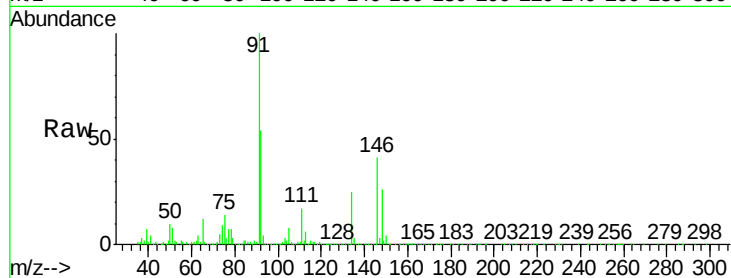
#89
n-Butylbenzene
Concen: 56.304 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.3	27.2	81.6	
134	26.6	13.5	40.5	

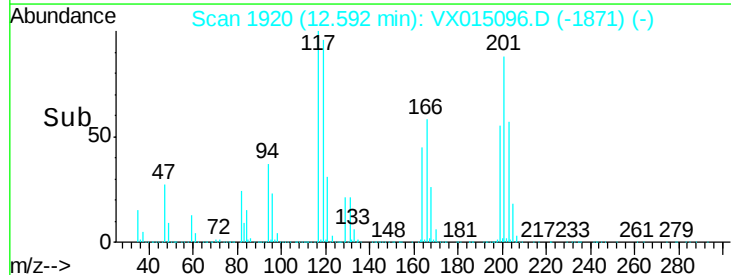
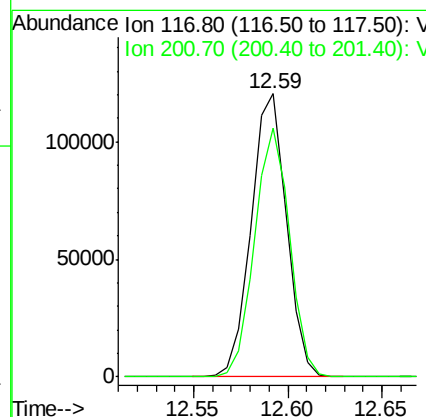
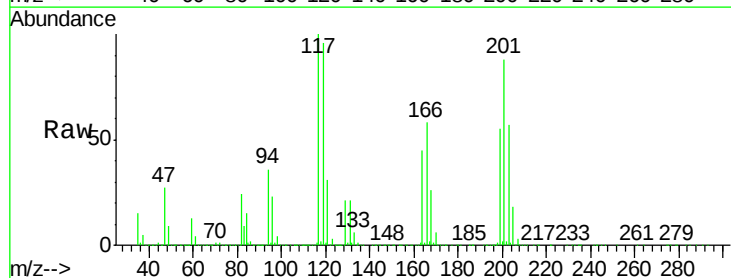
Manual Integrations
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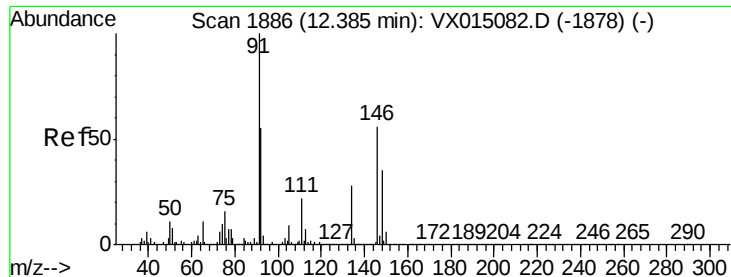
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3/6/2020 4:49:28 PM



#90
Hexachloroethane
Concen: 51.457 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.1	43.5	130.7	





#91

1,2-Dichlorobenzene

Concen: 50.588 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Instrument :

MSVOA_X

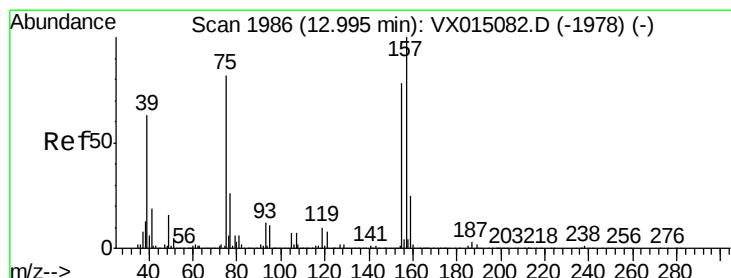
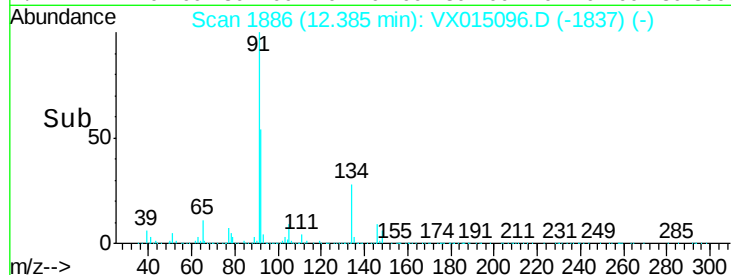
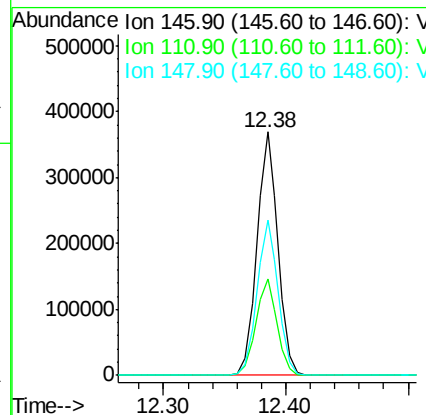
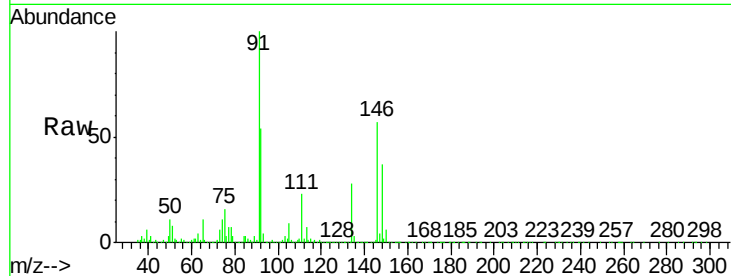
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	441371
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.9	59.7
148	64.3	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.441 ug/l

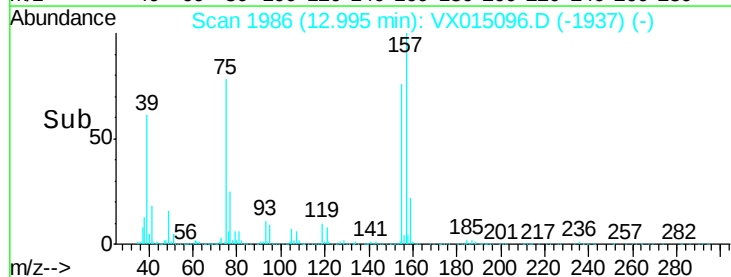
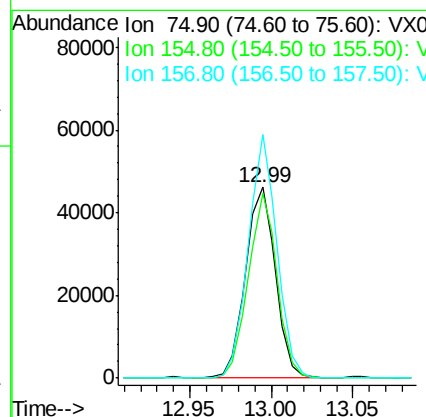
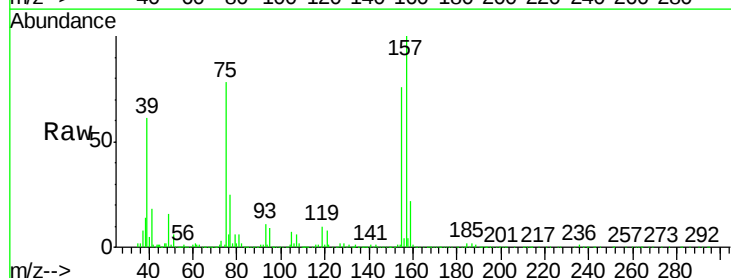
RT: 12.99 min Scan# 1986

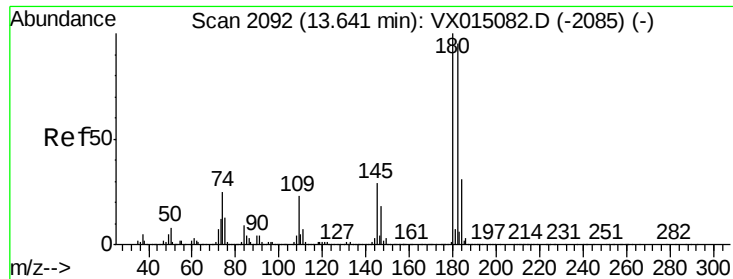
Delta R.T. -0.00 min

Lab File: VX015096.D

Acq: 05 Mar 2020 08:44

Tgt Ion:	75	Resp:	59100
Ion Ratio	Lower	Upper	
75	100		
155	93.8	46.6	139.7
157	122.1	59.2	177.5





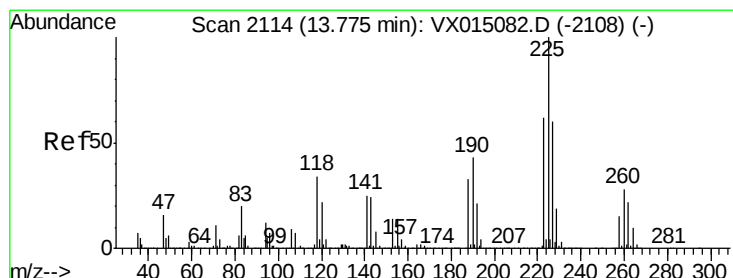
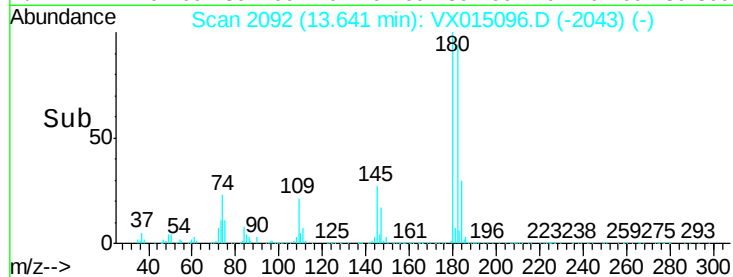
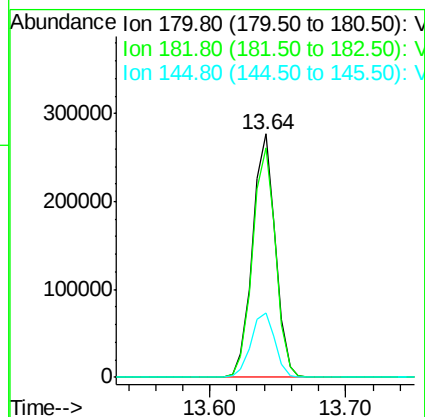
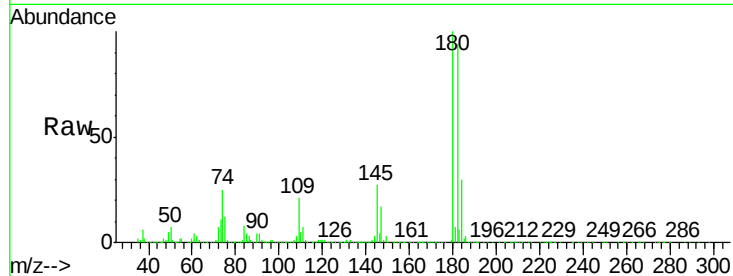
#93
 1,2,4-Trichlorobenzene
 Concen: 54.032 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	327227		
182	95.4	47.6	142.8	
145	27.6	14.1	42.2	

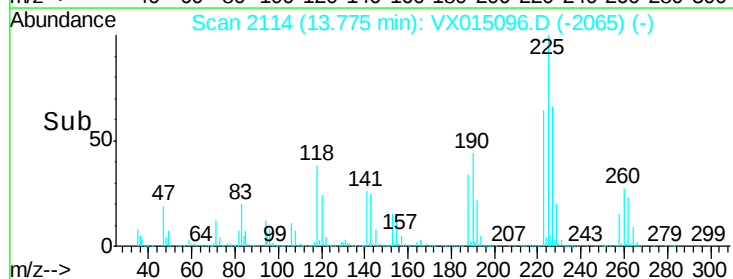
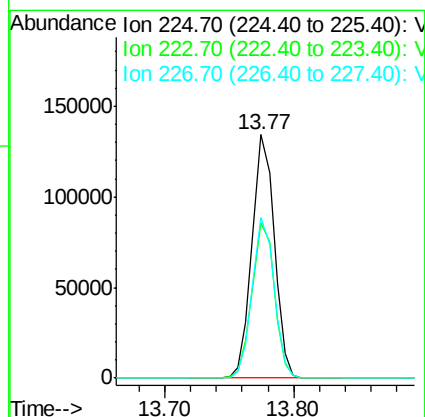
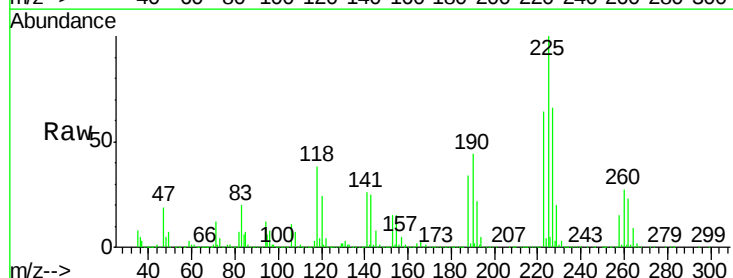
Manual Integrations
 APPROVED

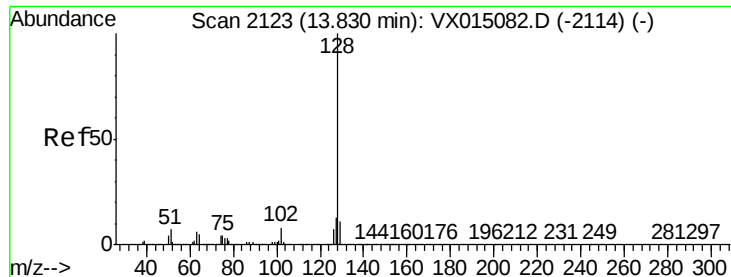
MMDadoda
 3/6/2020 4:49:28 PM



#94
 Hexachlorobutadiene
 Concen: 51.535 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015096.D
 Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	160158		
223	64.1	31.3	93.9	
227	64.9	31.1	93.2	





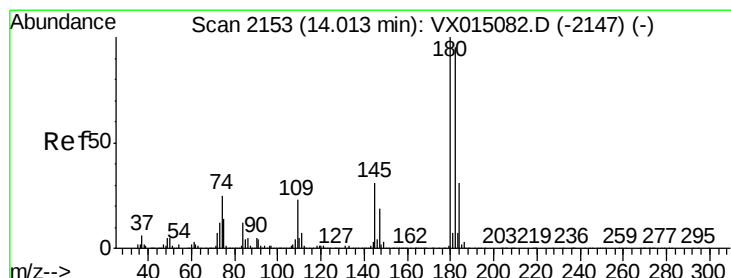
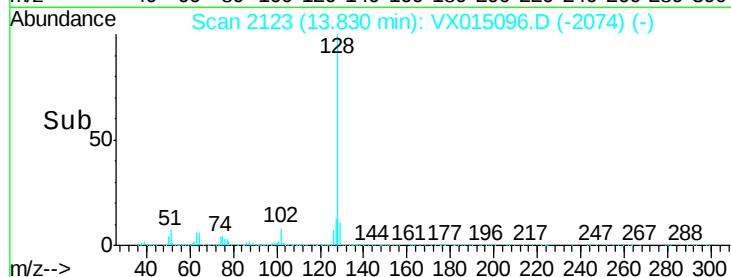
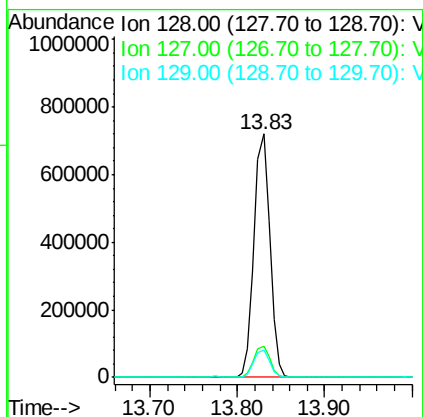
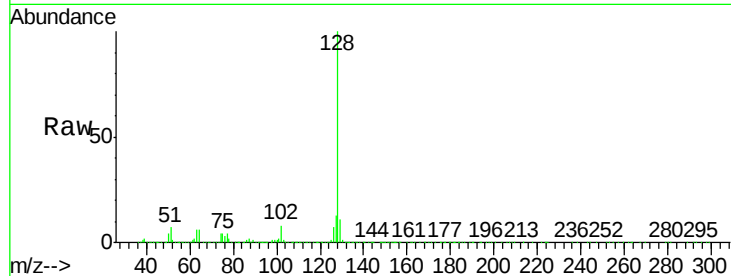
#95
Naphthalene
Concen: 48.569 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/6/2020 4:49:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.538 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015096.D
Acq: 05 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.8	143.4
145	30.1	15.1	45.3

