

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110119\
 Data File : VX013317.D
 Acq On : 01 Nov 2019 17:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 1:30:26 PM

Quant Time: Nov 04 02:25:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	739272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1124996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1020632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	523129	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	408542	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
35) Dibromofluoromethane	5.48	113	332157	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.71	98	1268040	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.13	95	455662	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	422940	49.653	ug/l	99
3) Chloromethane	1.31	50	454727	49.228	ug/l	98
4) Vinyl Chloride	1.40	62	529323	50.334	ug/l	99
5) Bromomethane	1.62	94	313243	42.744	ug/l	99
6) Chloroethane	1.71	64	286868	47.665	ug/l	99
7) Trichlorofluoromethane	1.92	101	570173	45.892	ug/l	99
8) Diethyl Ether	2.17	74	265077	48.247	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	333212	48.119	ug/l	99
10) Methyl Iodide	2.50	142	371053	43.279	ug/l	98
11) Tert butyl alcohol	3.03	59	492857	213.506	ug/l	100
12) 1,1-Dichloroethene	2.36	96	333503	49.180	ug/l	98
13) Acrolein	2.28	56	275333	220.075	ug/l	99
14) Allyl chloride	2.72	41	612648	49.723	ug/l	98
15) Acrylonitrile	3.13	53	1074859	249.272	ug/l	99
16) Acetone	2.43	43	1061143	242.910	ug/l	99
17) Carbon Disulfide	2.56	76	890355	49.055	ug/l	98
18) Methyl Acetate	2.76	43	592356	49.116	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1135546	50.206	ug/l	97
20) Methylene Chloride	2.84	84	383603	47.527	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	360762	48.861	ug/l	98
22) Diisopropyl ether	3.84	45	1214078	51.038	ug/l	98
23) Vinyl Acetate	3.80	43	5139287	252.484	ug/l	100
24) 1,1-Dichloroethane	3.69	63	655693	49.275	ug/l	98
25) 2-Butanone	4.65	43	1593956	248.721	ug/l	100
26) 2,2-Dichloropropane	4.57	77	529399	50.009	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	418143	50.555	ug/l	99
28) Bromochloromethane	5.00	49	196361	51.971	ug/l	98
29) Tetrahydrofuran	5.11	42	980672	248.319	ug/l	100
30) Chloroform	5.20	83	650089	49.475	ug/l	98
31) Cyclohexane	5.57	56	576394	48.137	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	551157	48.740	ug/l	99
36) 1,1-Dichloropropene	5.79	75	481181	49.858	ug/l	99
37) Ethyl Acetate	4.81	43	586045	49.142	ug/l	99
38) Carbon Tetrachloride	5.78	117	470618	49.867	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	590111	49.072	ug/l	98
40) Benzene	6.13	78	1491464	49.611	ug/l	97
41) Methacrylonitrile	5.03	41	329936	49.360	ug/l	99
42) 1,2-Dichloroethane	6.18	62	532560	49.112	ug/l	100
43) Isopropyl Acetate	6.43	43	940541	50.648	ug/l	99
44) Trichloroethene	7.20	130	400572	48.406	ug/l	98
45) 1,2-Dichloropropane	7.50	63	382613	49.950	ug/l	99
46) Dibromomethane	7.65	93	254071	48.580	ug/l	98
47) Bromodichloromethane	7.89	83	505658	51.273	ug/l	98
48) Methyl methacrylate	7.76	41	476771	51.433	ug/l	99
49) 1,4-Dioxane	7.73	88	204257	962.169	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3048633	250.224	ug/l	100
52) Toluene	8.78	92	938251	50.355	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	558591	51.797	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	621176	51.493	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	392077	50.767	ug/l	99
56) Ethyl methacrylate	9.17	69	630265	47.871	ug/l	98
57) 1,3-Dichloropropane	9.37	76	654855	49.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1353045	256.227	ug/l	99
59) 2-Hexanone	9.48	43	2374897	252.240	ug/l	99
60) Dibromochloromethane	9.57	129	415446	52.598	ug/l	97
61) 1,2-Dibromoethane	9.67	107	409843	49.975	ug/l	100
64) Tetrachloroethene	9.33	164	354338	48.497	ug/l	98
65) Chlorobenzene	10.14	112	1011738	48.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	379147	49.973	ug/l	100
67) Ethyl Benzene	10.25	91	1789502	50.179	ug/l	99
68) m/p-Xylenes	10.35	106	1370524	101.617	ug/l	99
69) o-Xylene	10.70	106	668175	50.602	ug/l	98
70) Styrene	10.71	104	1151503	52.169	ug/l	99
71) Bromoform	10.85	173	320410	45.833	ug/l #	98
73) Isopropylbenzene	11.01	105	1763026	50.831	ug/l	100
74) N-amyl acetate	10.89	43	839517	52.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	623399	49.268	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	508087m	47.818	ug/l	
77) Bromobenzene	11.25	156	468018	50.616	ug/l	98
78) n-propylbenzene	11.35	91	2017328	52.213	ug/l	100
79) 2-Chlorotoluene	11.42	91	1185394	50.923	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1490143	51.580	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	208598	50.532	ug/l	98
82) 4-Chlorotoluene	11.51	91	1368778	50.232	ug/l	100
83) tert-Butylbenzene	11.77	119	1506966	51.818	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1482122	51.141	ug/l	99
85) sec-Butylbenzene	11.94	105	1716784	51.364	ug/l	100
86) p-Isopropyltoluene	12.06	119	1594649	51.812	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	823578	49.969	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	828855	49.359	ug/l	98
89) n-Butylbenzene	12.38	91	1388710	51.710	ug/l	100
90) Hexachloroethane	12.59	117	279311	50.935	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	839443	50.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	142458	46.211	ug/l	99

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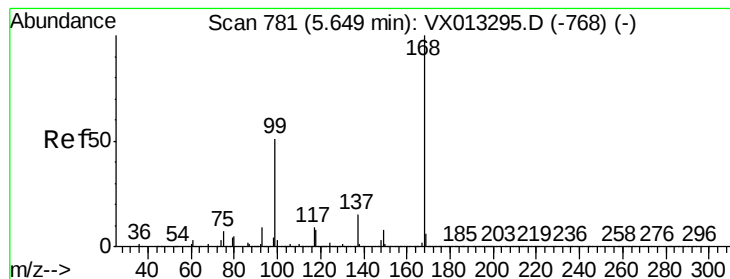
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	585595	50.956	ug/l	99
94) Hexachlorobutadiene	13.77	225	276012	49.092	ug/l	99
95) Naphthalene	13.83	128	1903268	52.786	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	587047	50.936	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 739272

Ion Ratio Lower Upper

168 100

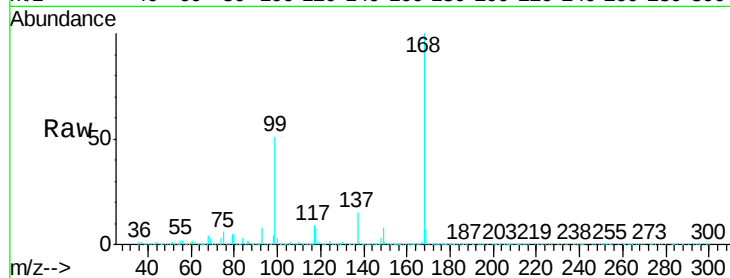
99 51.3 40.8 61.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

300000

250000

200000

150000

100000

50000

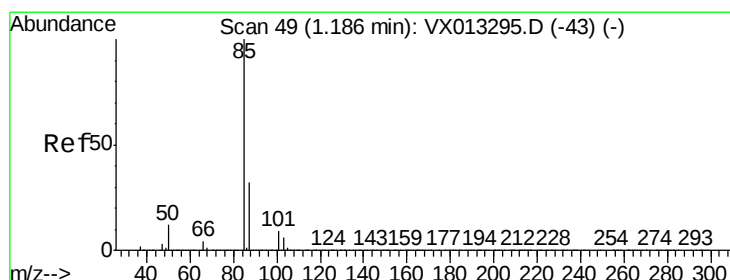
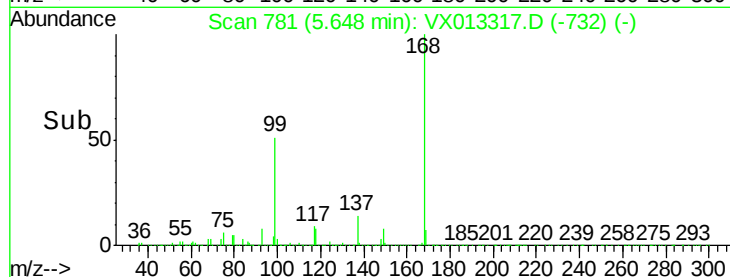
0

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 49.653 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013317.D

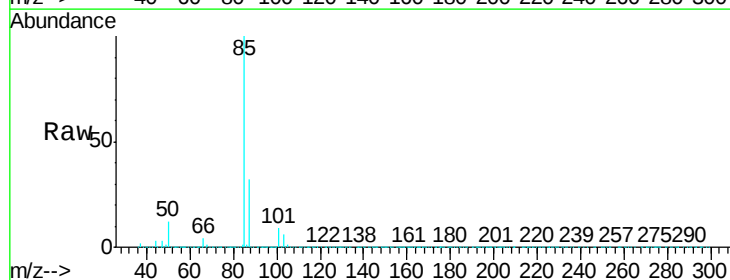
Acq: 01 Nov 2019 17:29

Tgt Ion: 85 Resp: 422940

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

500000

400000

300000

200000

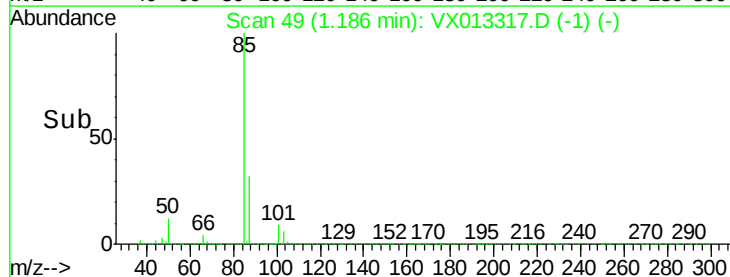
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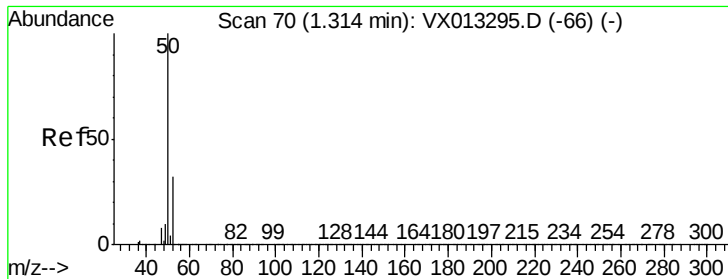
0

1.10

1.20

1.30





#3

Chloromethane

Concen: 49.228 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 454727

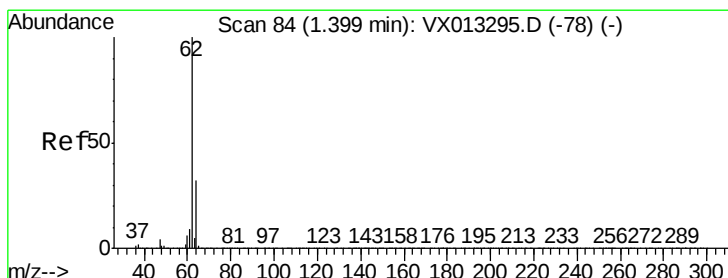
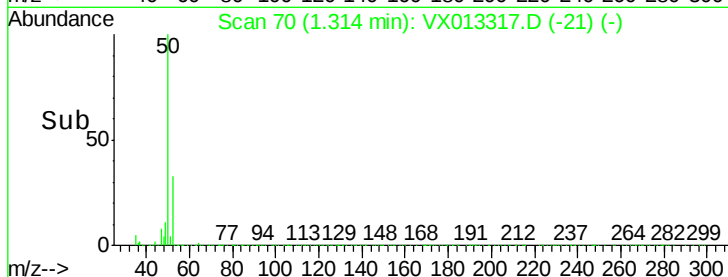
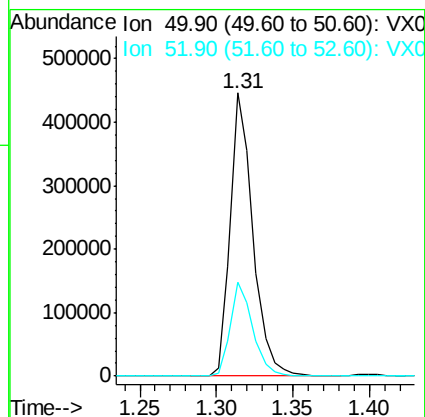
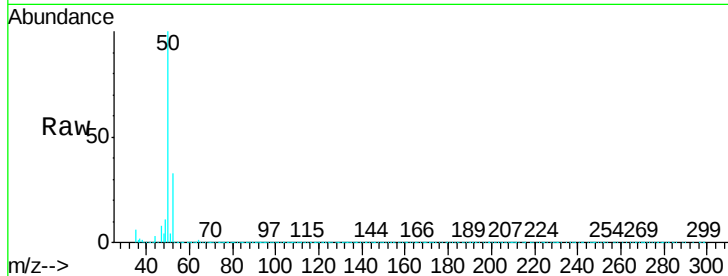
Ion Ratio Lower Upper

50 100

52 33.3 25.5 38.3

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#4

Vinyl Chloride

Concen: 50.334 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013317.D

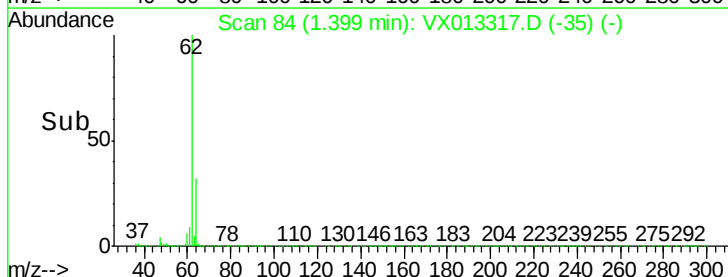
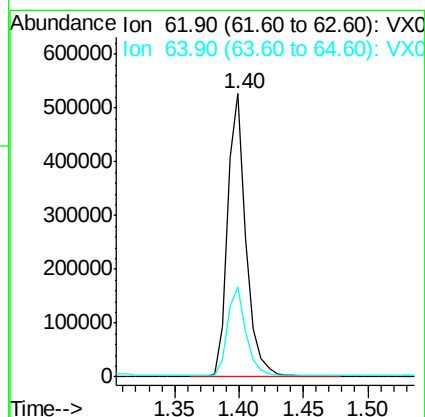
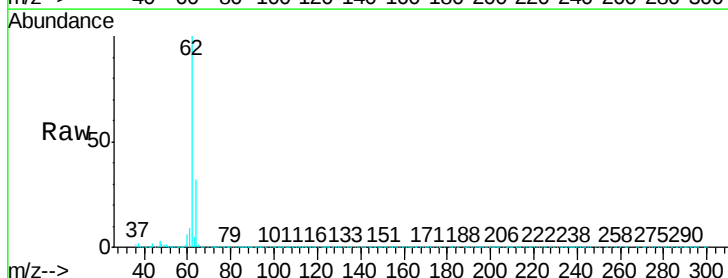
Acq: 01 Nov 2019 17:29

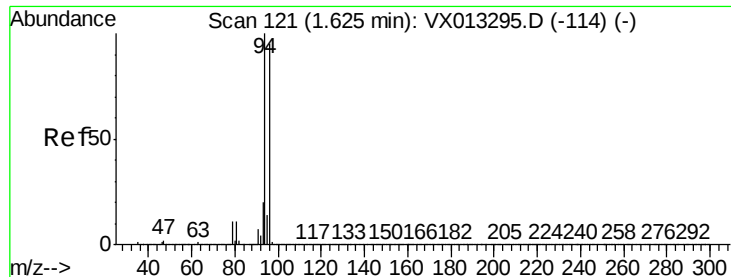
Tgt Ion: 62 Resp: 529323

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 42.744 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 313243

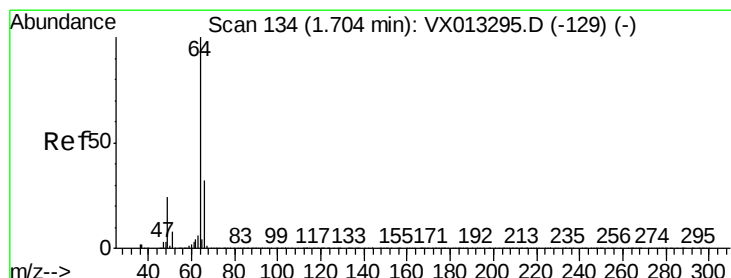
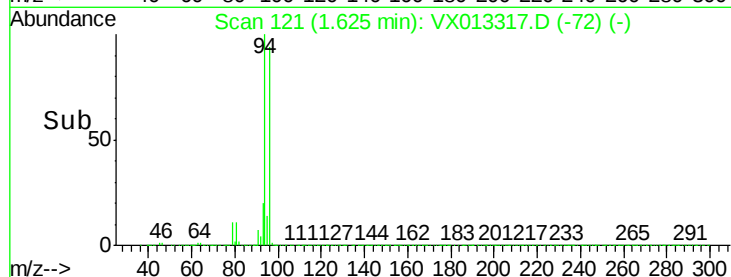
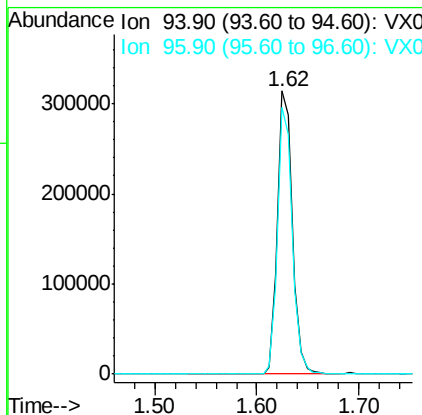
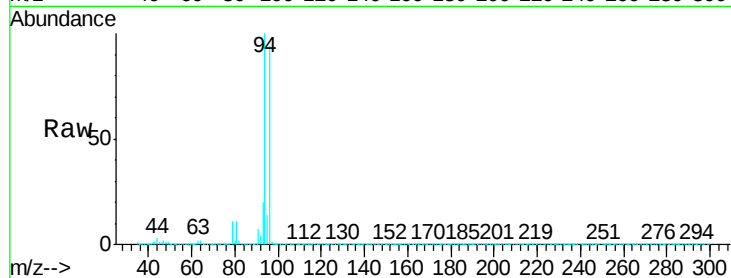
Ion Ratio Lower Upper

94 100

96 94.2 75.8 113.8

Manual Integrations
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#6

Chloroethane

Concen: 47.665 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013317.D

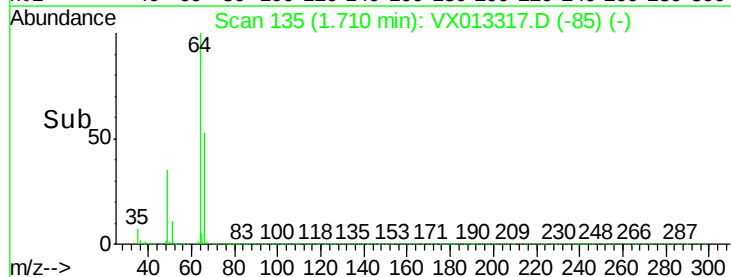
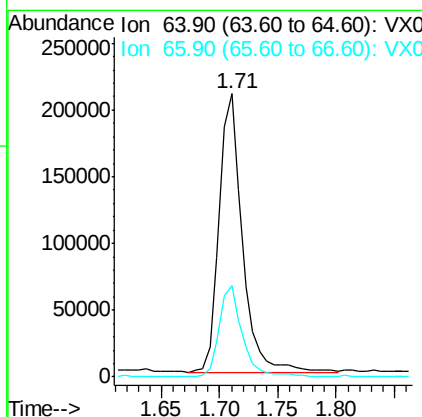
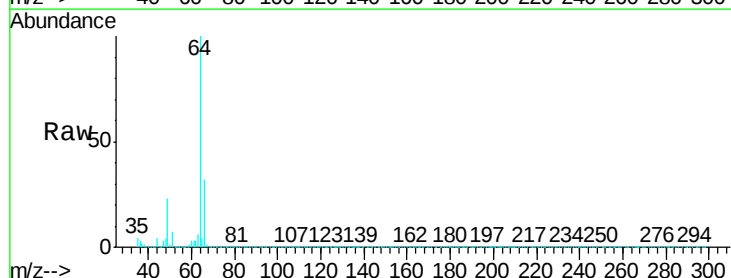
Acq: 01 Nov 2019 17:29

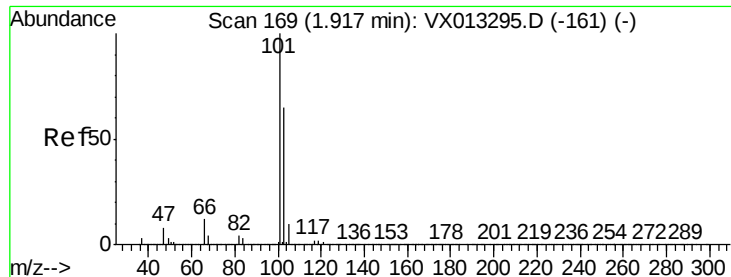
Tgt Ion: 64 Resp: 286868

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4





#7

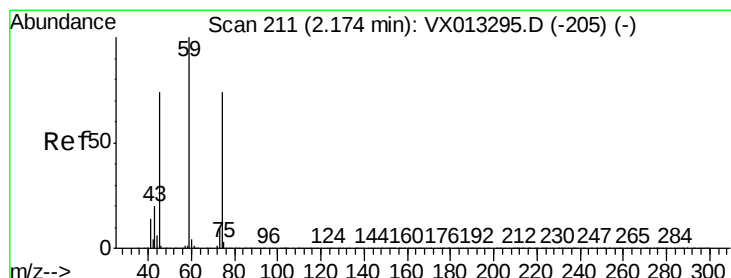
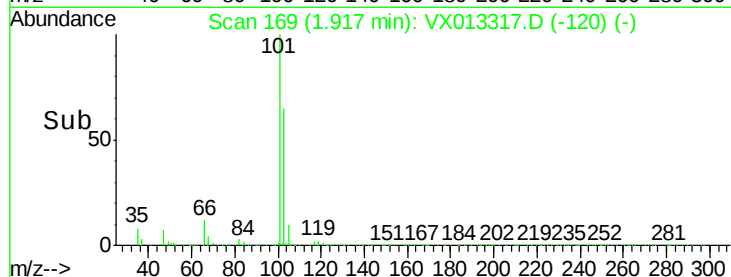
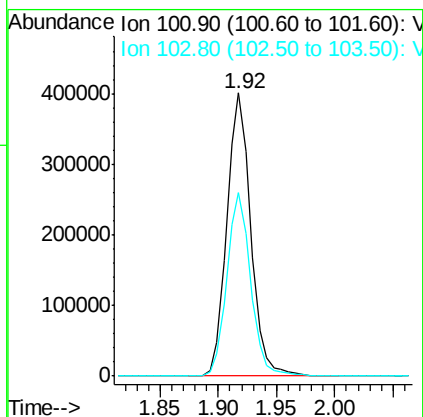
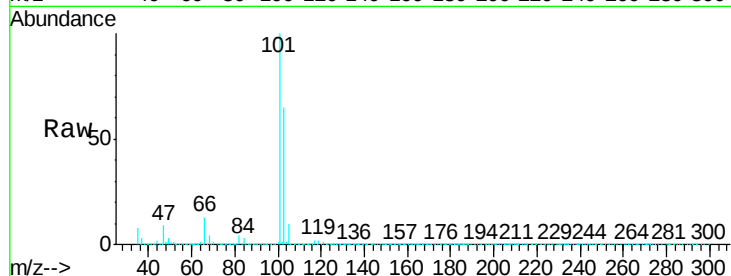
Trichlorofluoromethane
Concen: 45.892 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013317.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	570173		
103	64.7	52.3	78.5	

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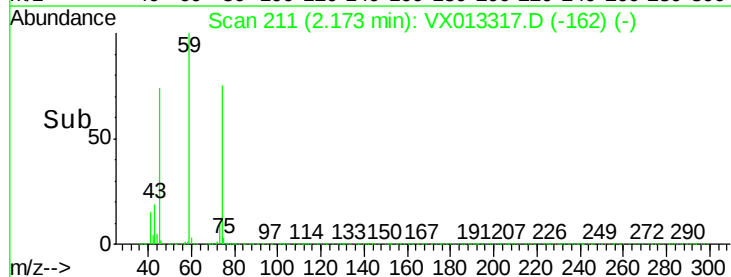
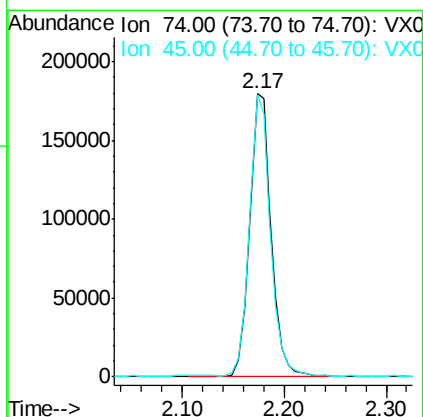
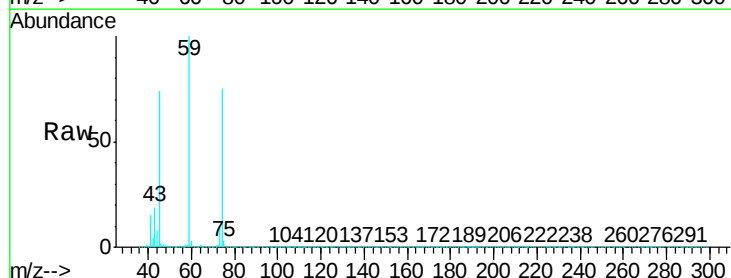
MMDadoda
11/4/2019 1:30:26 PM

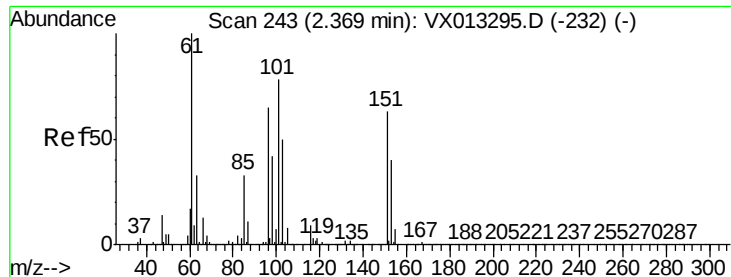


#8

Diethyl Ether
Concen: 48.247 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	265077		
45	96.9	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.119 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

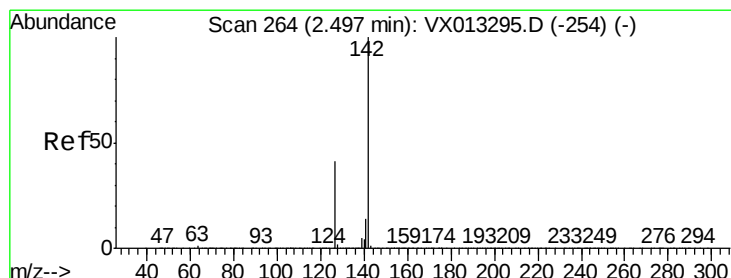
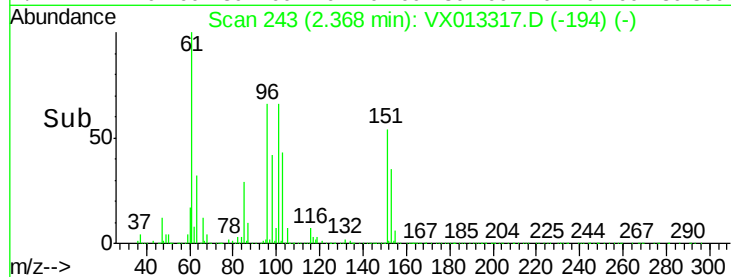
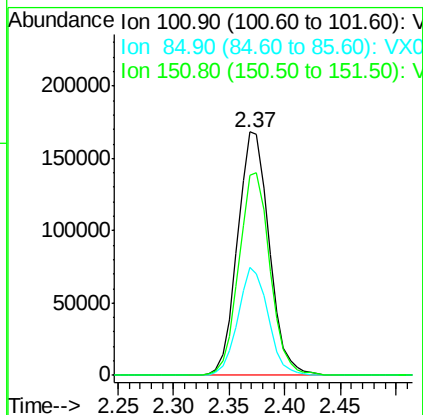
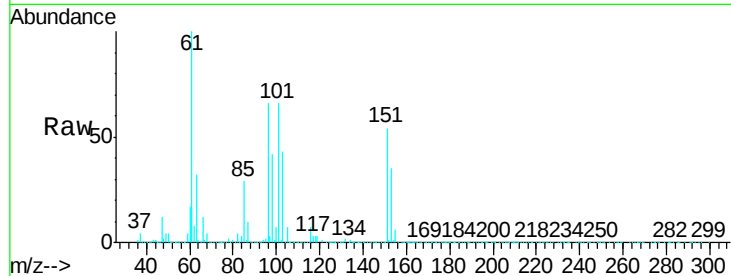
ClientSampleId :

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Tgt Ion:	101	Resp:	333212
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.4	51.6
151	82.0	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 43.279 ug/l

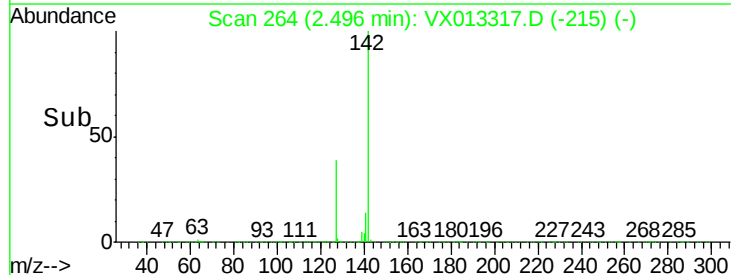
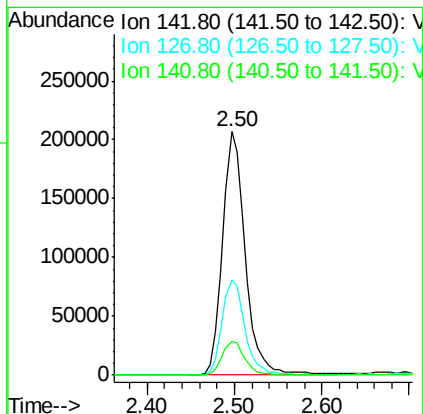
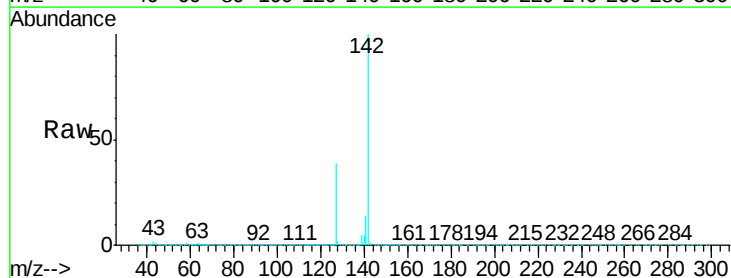
RT: 2.50 min Scan# 264

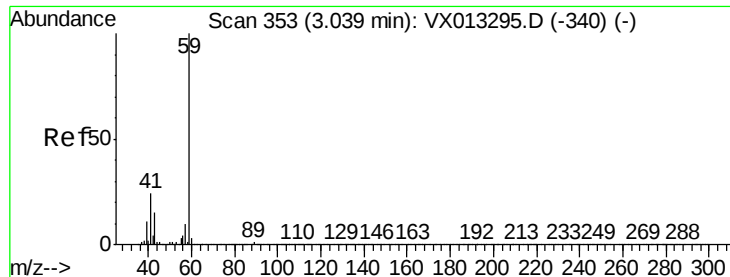
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion:	142	Resp:	371053
Ion Ratio	Lower	Upper	
142	100		
127	39.4	32.6	49.0
141	14.0	11.6	17.4





#11

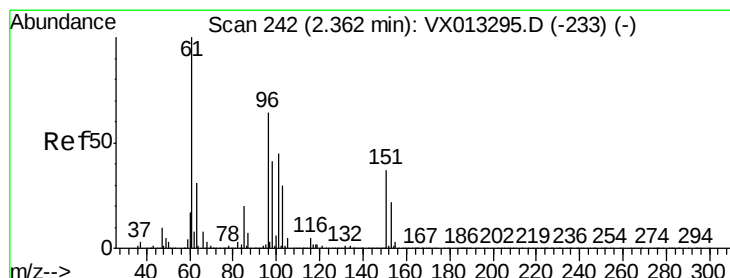
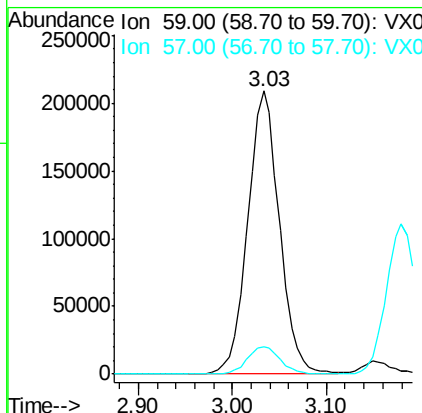
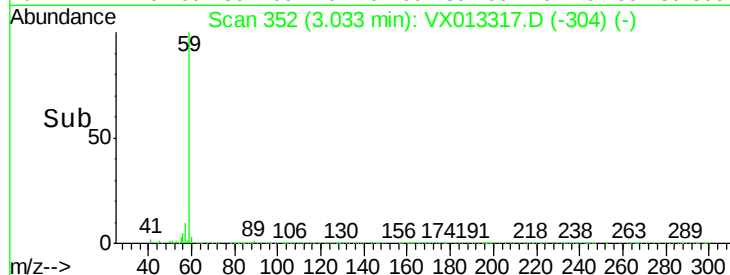
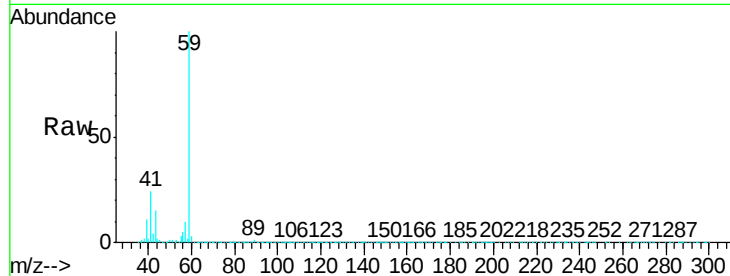
Tert butyl alcohol
Concen: 213.506 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Upper
59	100		
57	9.9	8.0	12.0

Manual Integrations
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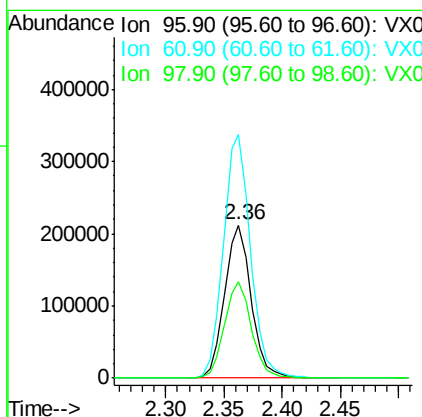
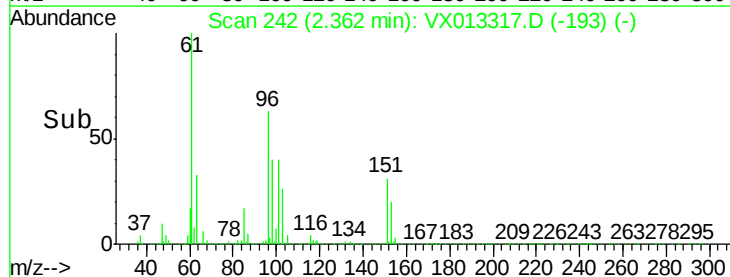
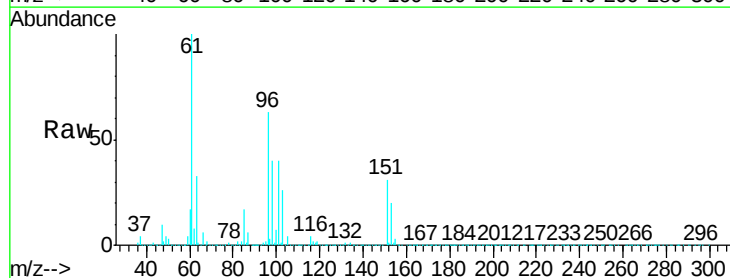
MMDadoda
11/4/2019 1:30:26 PM

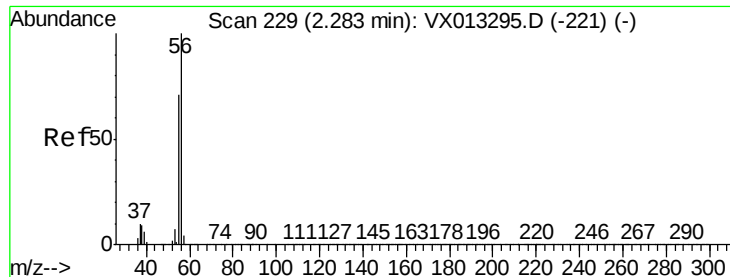


#12

1,1-Dichloroethene
Concen: 49.180 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	159.5	125.0	187.6
98	63.1	50.7	76.1





#13

Acrolein

Concen: 220.075 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 275333

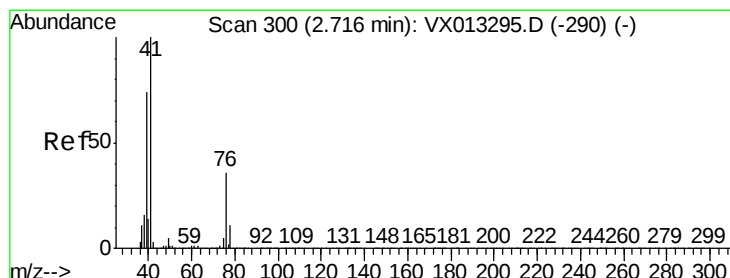
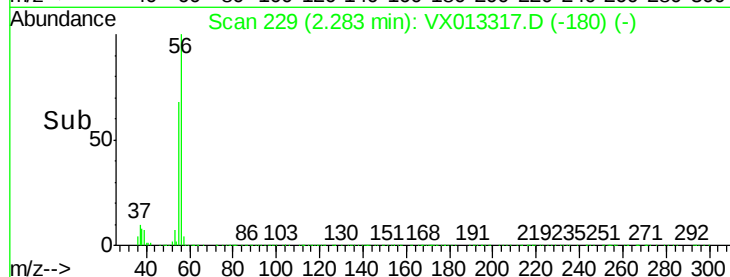
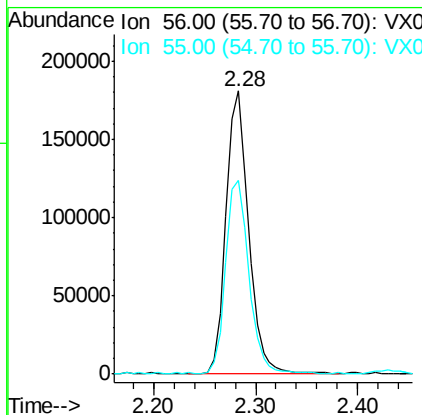
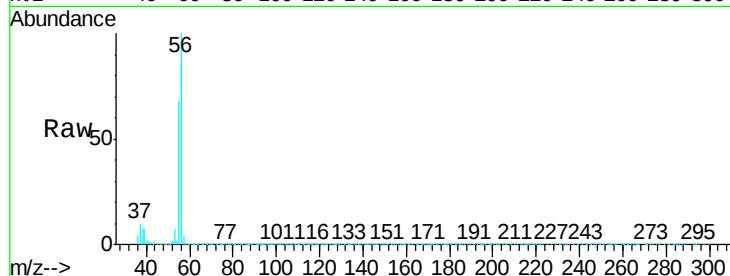
Ion Ratio Lower Upper

56 100

55 70.6 57.4 86.0

Manual Integrations
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#14

Allyl chloride

Concen: 49.723 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

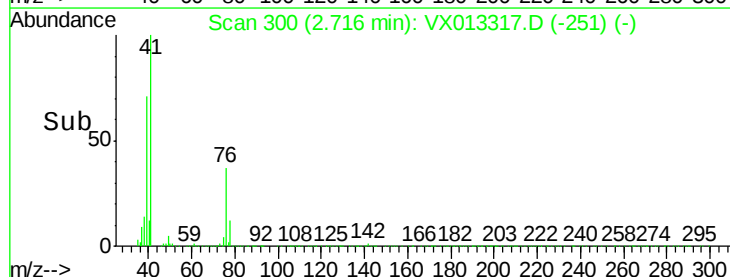
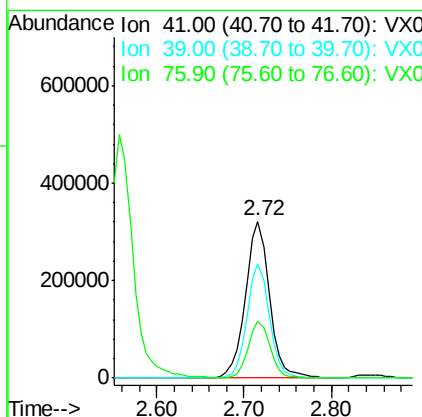
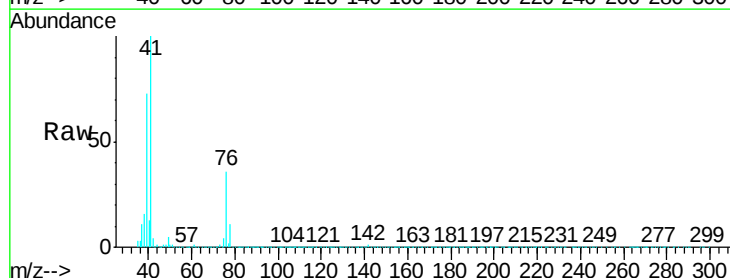
Tgt Ion: 41 Resp: 612648

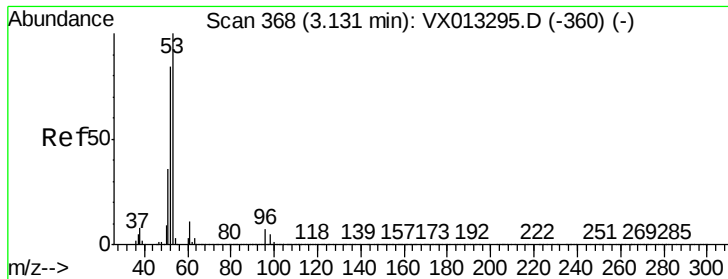
Ion Ratio Lower Upper

41 100

39 67.8 55.8 83.8

76 32.8 26.4 39.6





#15

Acrylonitrile

Concen: 249.272 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 1074859

Ion Ratio Lower Upper

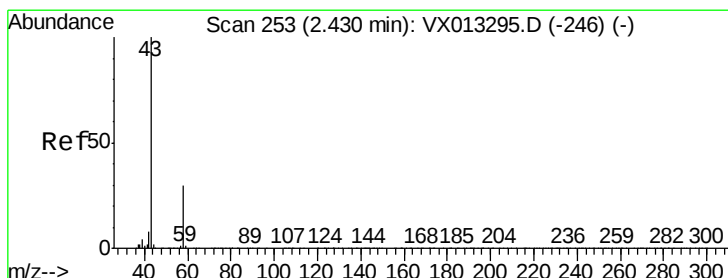
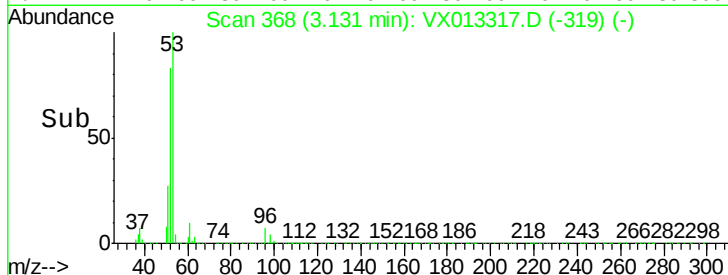
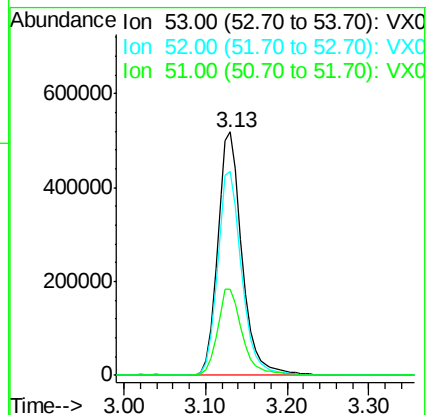
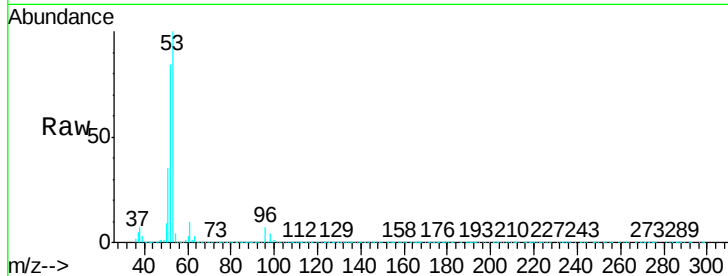
53 100

52 83.3 67.4 101.0

51 36.3 29.4 44.2

Manual Integrations
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#16

Acetone

Concen: 242.910 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013317.D

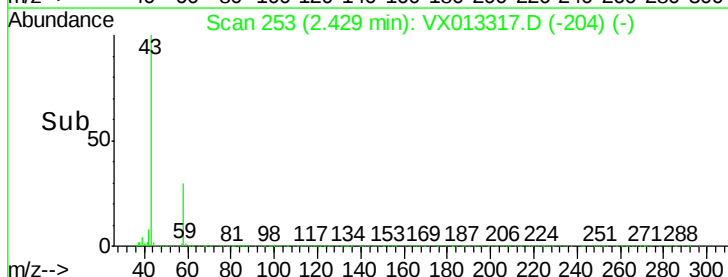
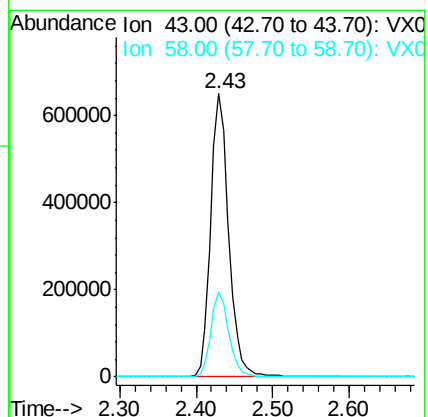
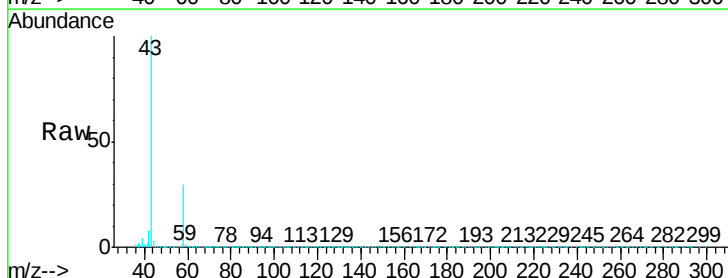
Acq: 01 Nov 2019 17:29

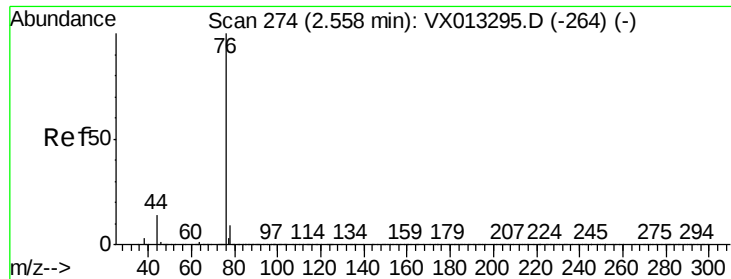
Tgt Ion: 43 Resp: 1061143

Ion Ratio Lower Upper

43 100

58 29.9 24.3 36.5





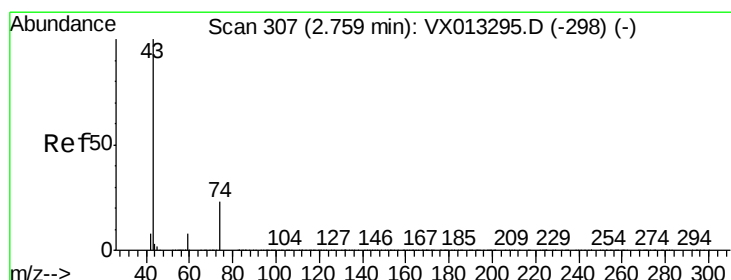
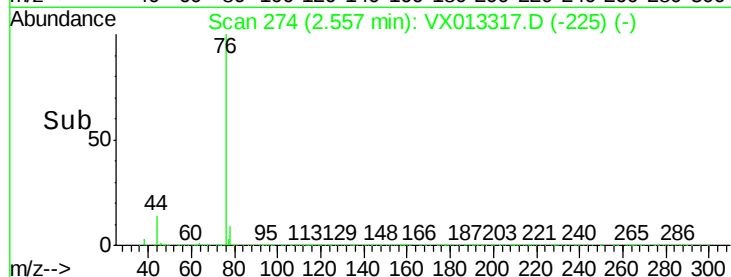
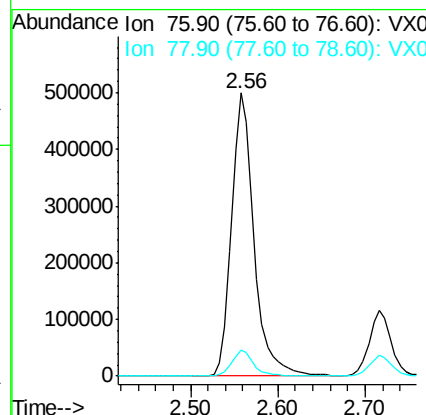
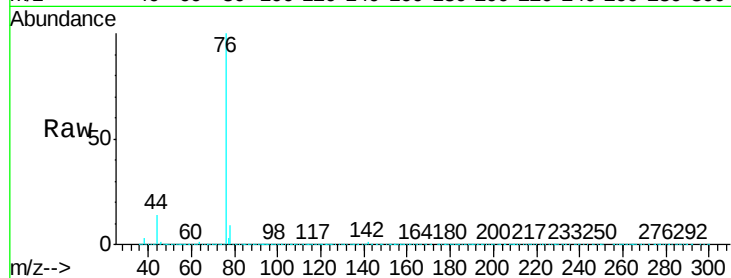
#17
Carbon Disulfide
Concen: 49.055 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
76	100	890355		
78	9.4	7.0	10.6	

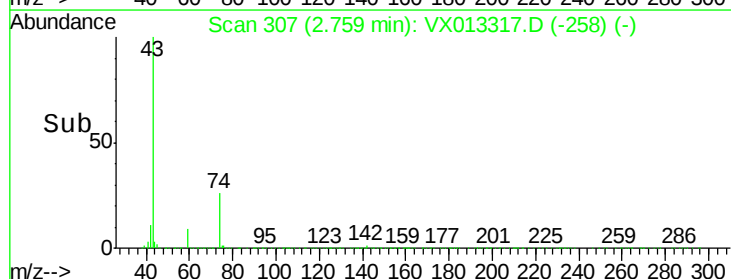
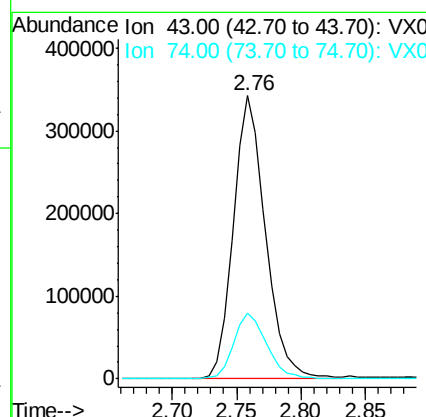
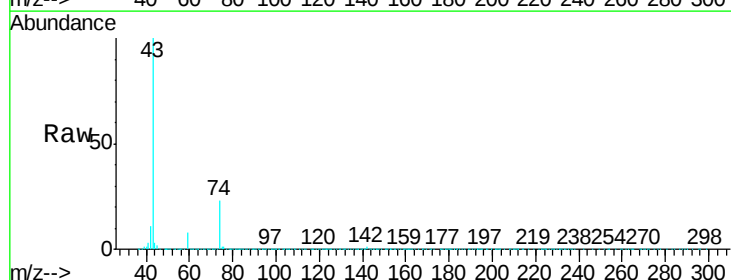
Manual Integrations
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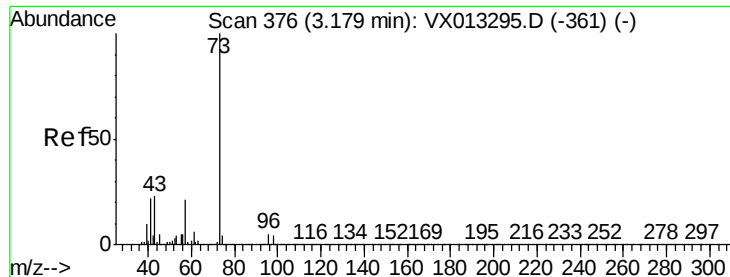
MMDadoda
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#18
Methyl Acetate
Concen: 49.116 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	592356		
74	24.1	19.0	28.6	





#19

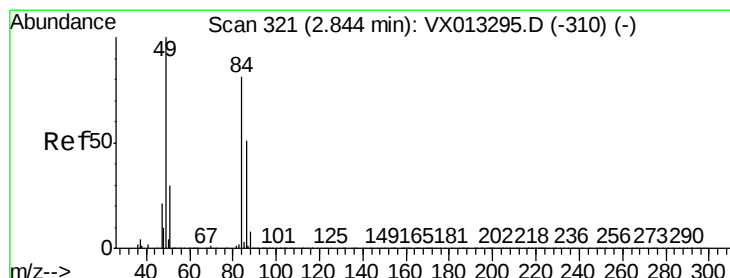
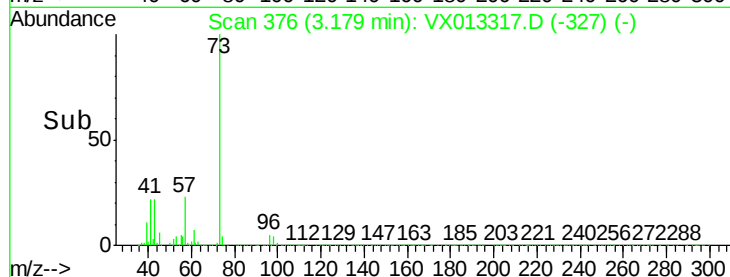
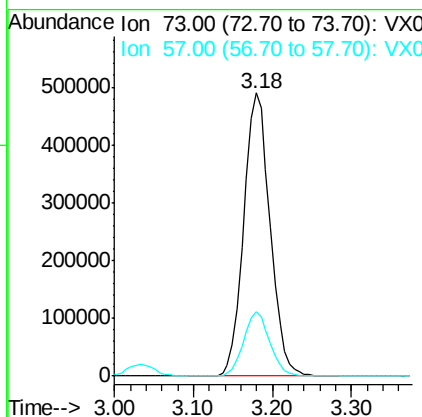
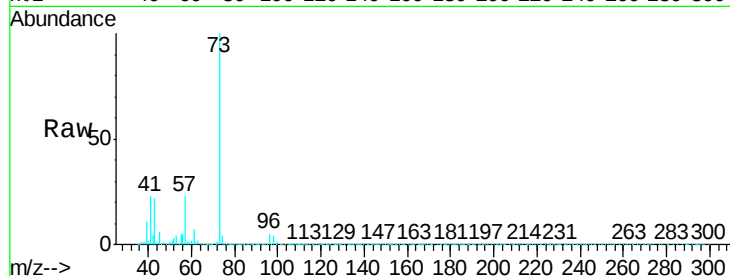
Methyl tert-butyl Ether
Concen: 50.206 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 1135546
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7

Manual Integrations
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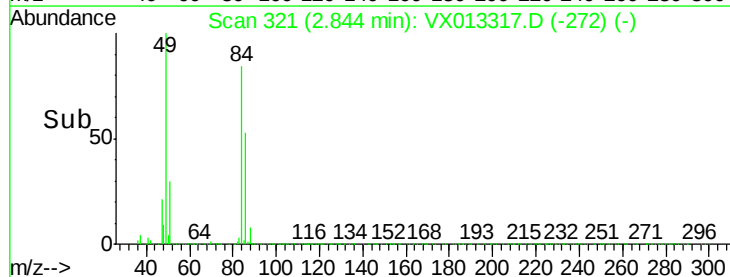
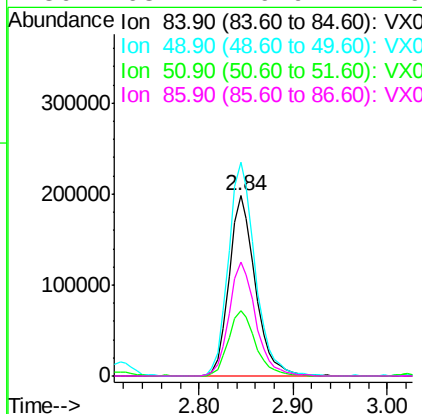
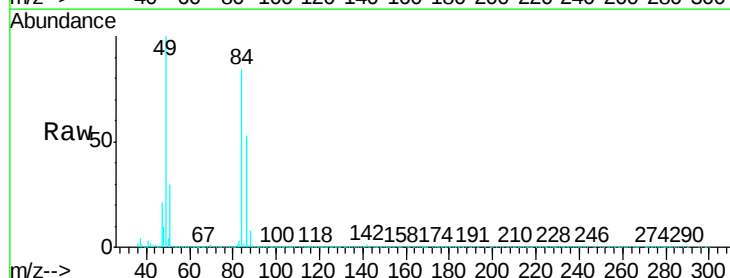
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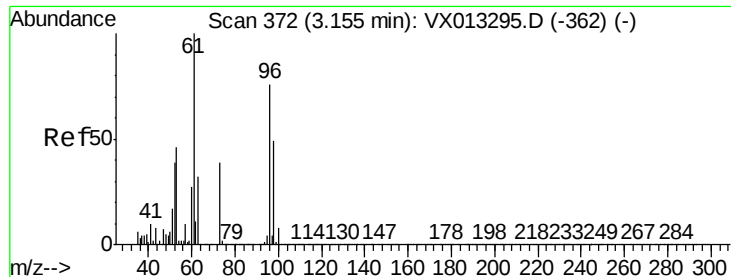


#20

Methylene Chloride
Concen: 47.527 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 84 Resp: 383603
Ion Ratio Lower Upper
84 100
49 118.4 98.2 147.4
51 36.0 29.9 44.9
86 63.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.861 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

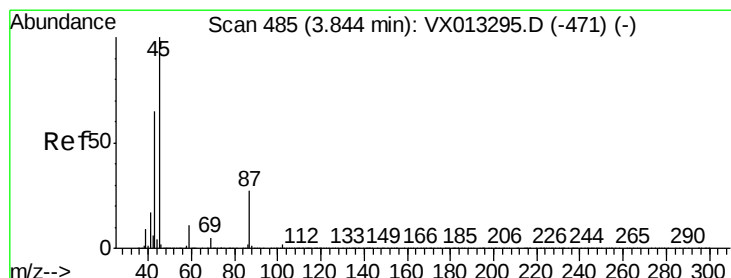
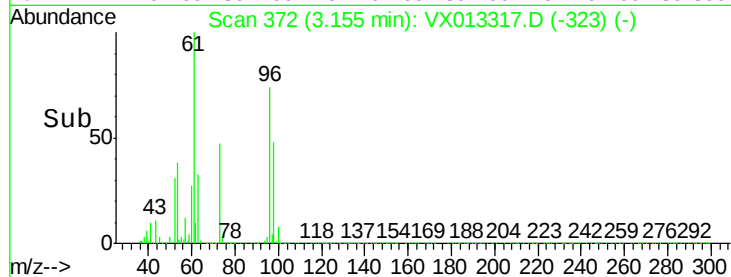
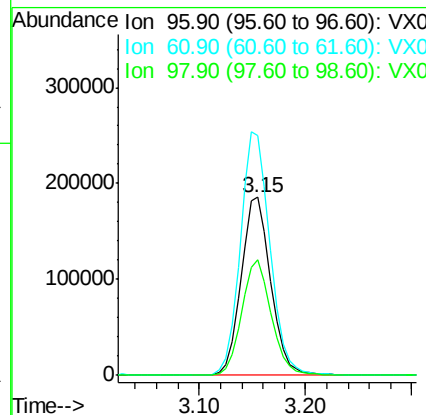
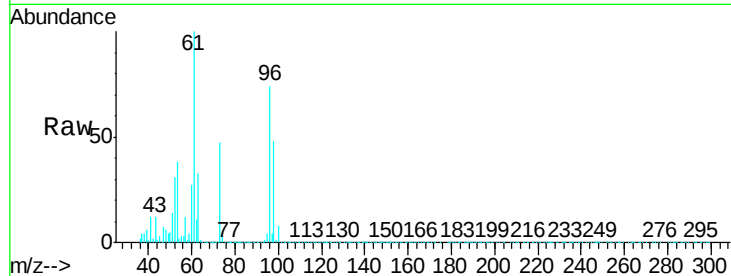
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	360762
Ion	Ratio	Lower	Upper
96	100		
61	134.8	105.8	158.6
98	65.1	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.038 ug/l

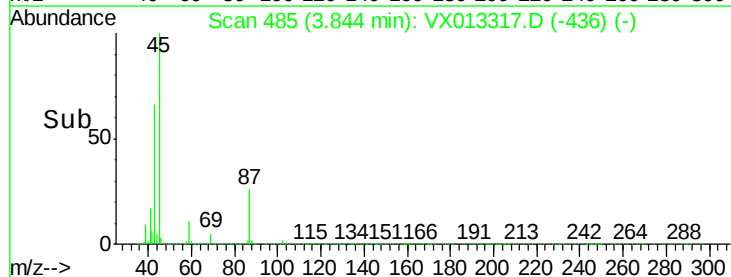
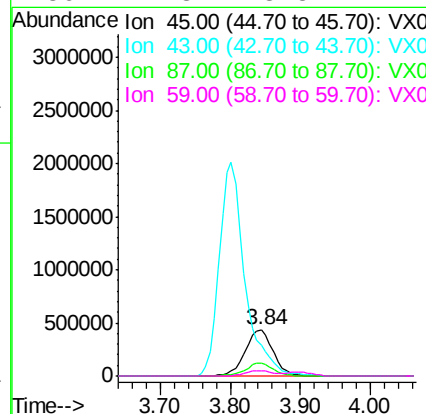
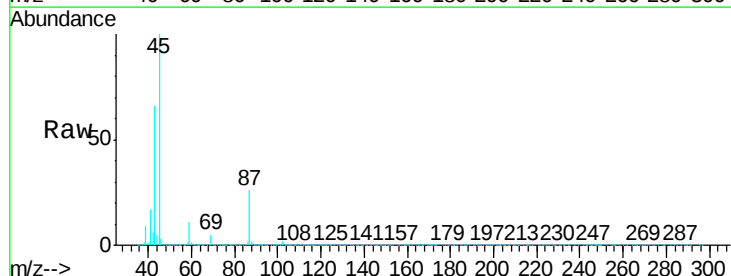
RT: 3.84 min Scan# 485

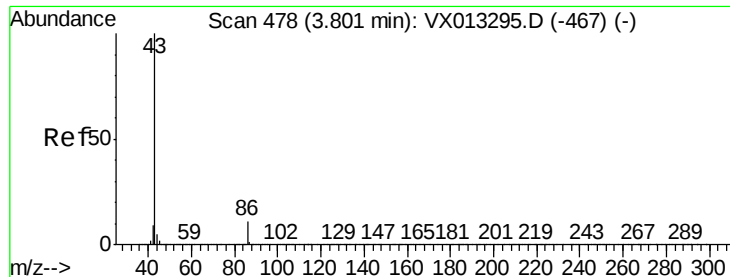
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion:	45	Resp:	1214078
Ion	Ratio	Lower	Upper
45	100		
43	65.7	54.2	81.2
87	26.3	21.8	32.8
59	11.3	8.5	12.7





#23

Vinyl Acetate

Concen: 252.484 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 5139287

Ion Ratio Lower Upper

43 100

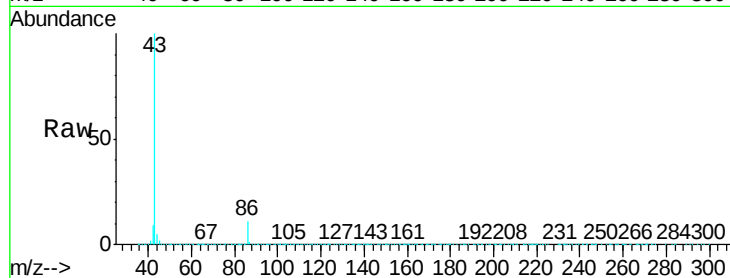
86 10.8 8.6 13.0

Manual Integrations

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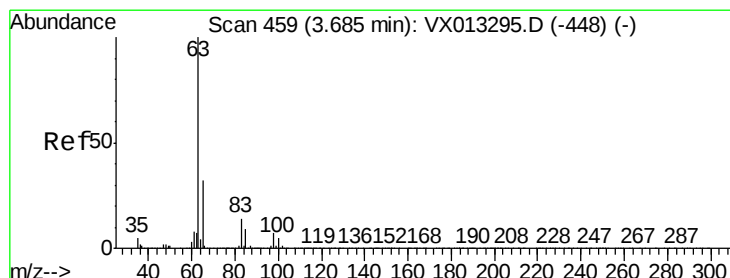
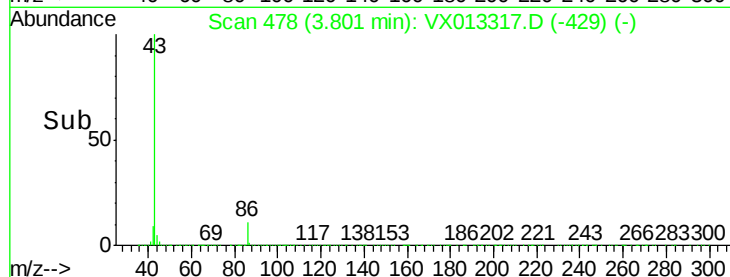
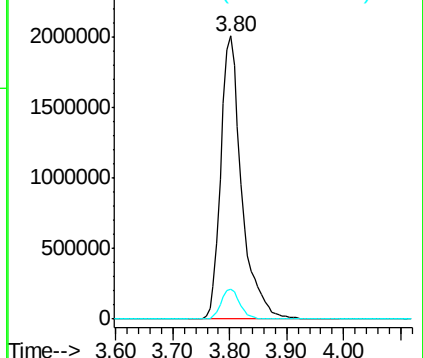
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.275 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

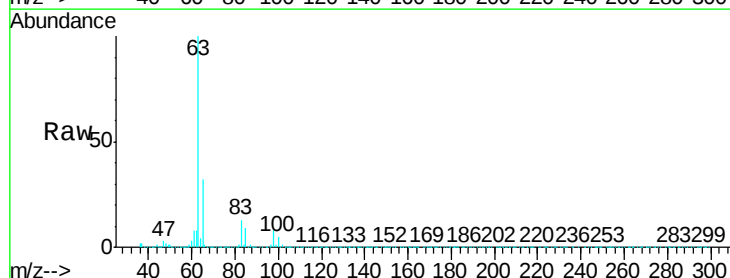
Tgt Ion: 63 Resp: 655693

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.4

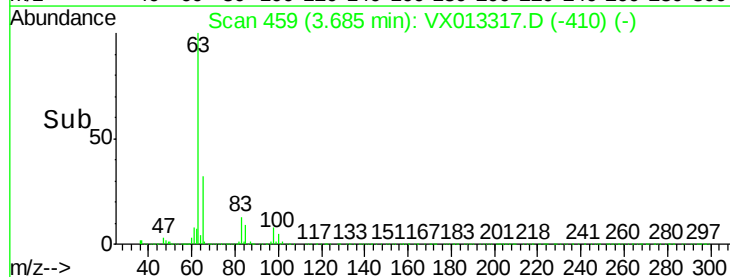
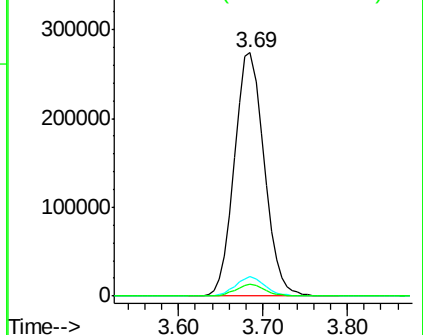
100 4.6 2.4 7.2

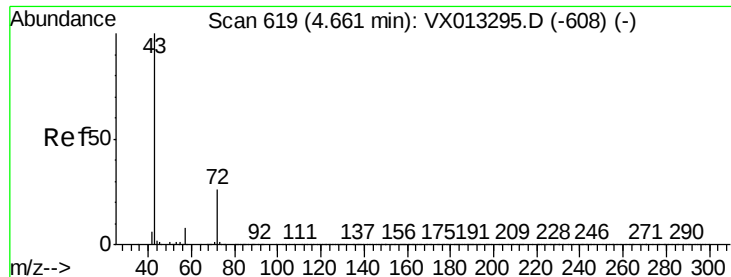


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 248.721 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1593956

Ion Ratio Lower Upper

43 100

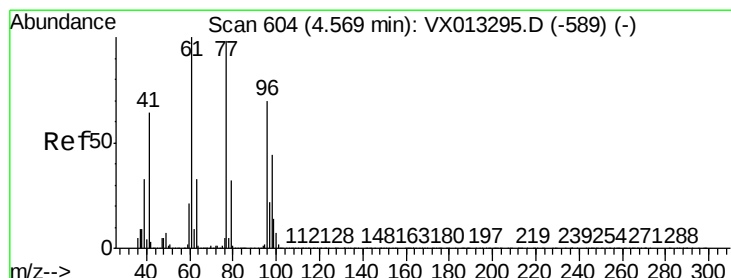
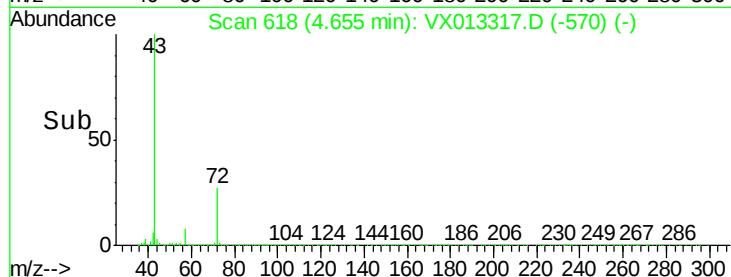
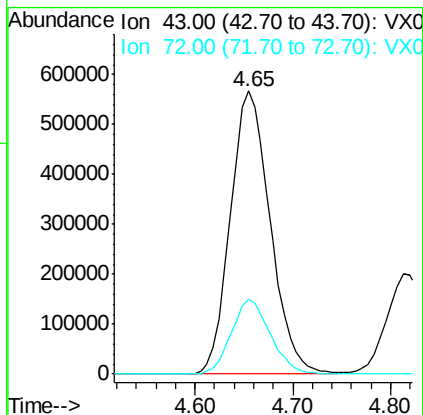
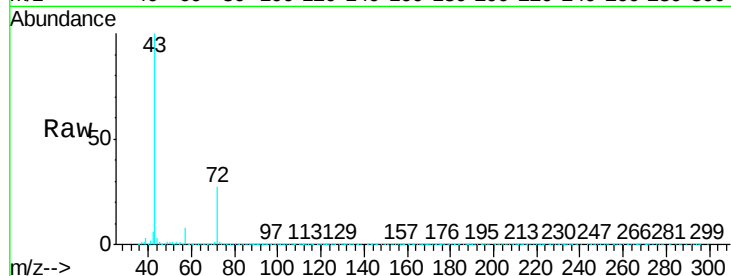
72 26.4 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.009 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013317.D

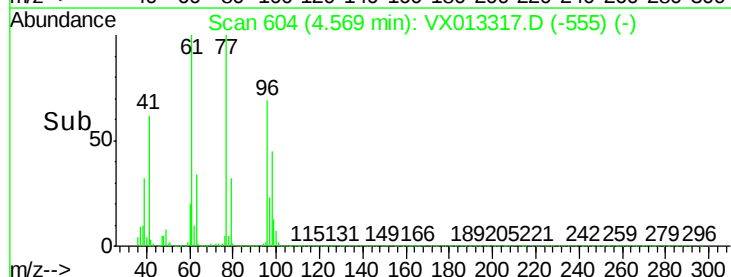
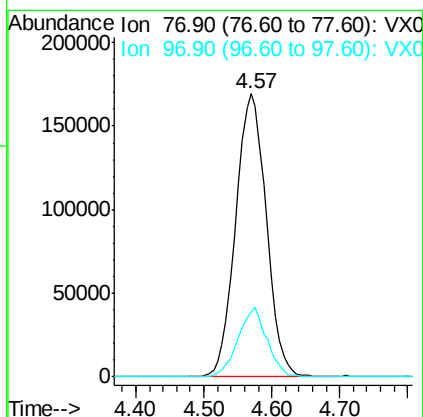
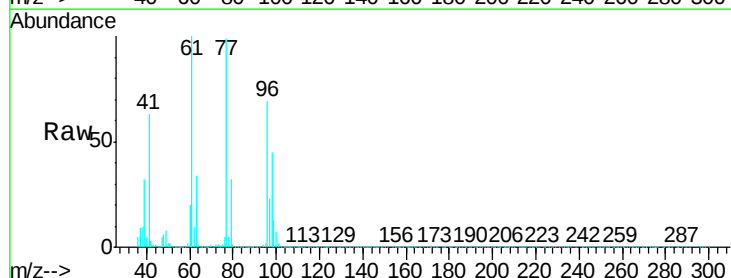
Acq: 01 Nov 2019 17:29

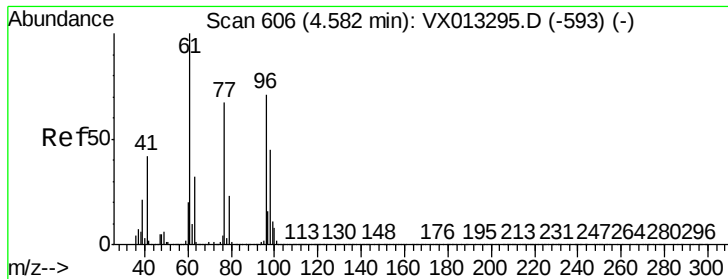
Tgt Ion: 77 Resp: 529399

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.8





#27

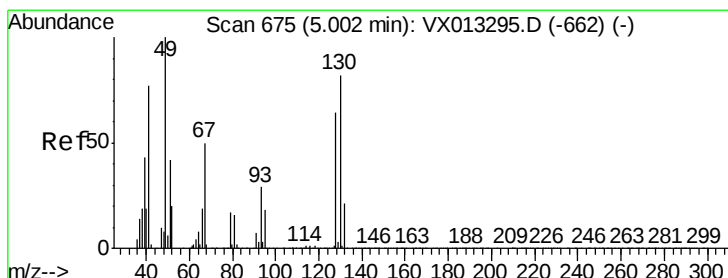
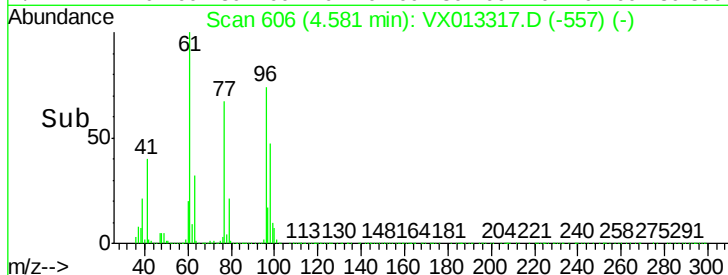
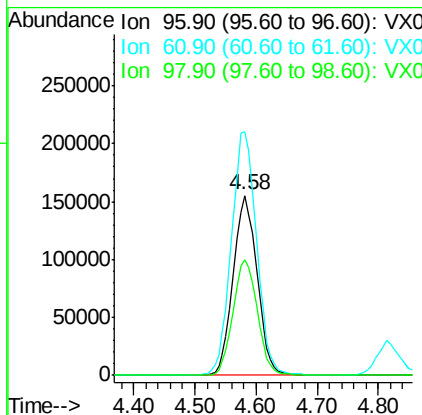
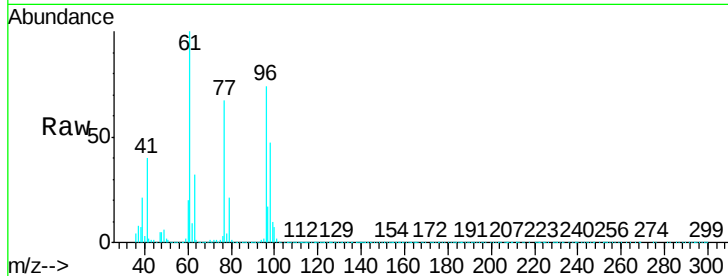
cis-1,2-Dichloroethene
Concen: 50.555 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	418143		
61	141.8	0.0	288.0	
98	65.3	0.0	129.6	

Manual Integrations
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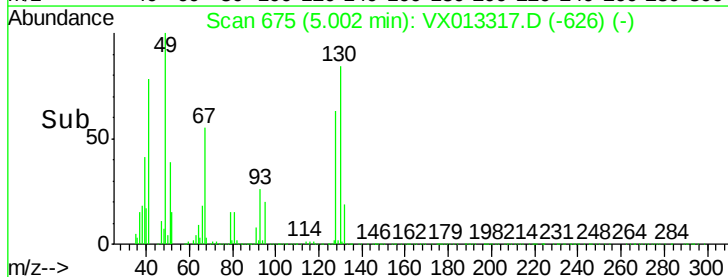
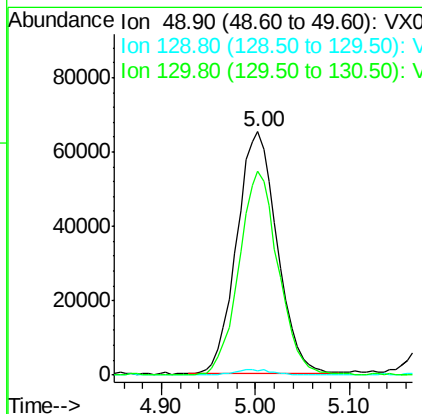
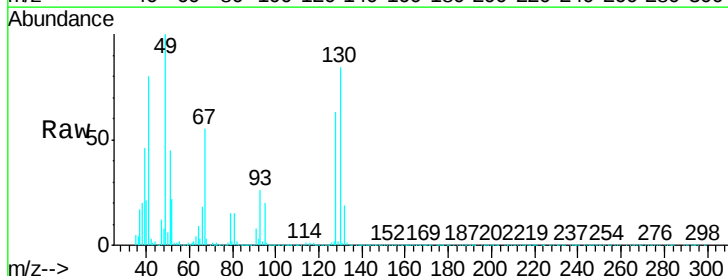
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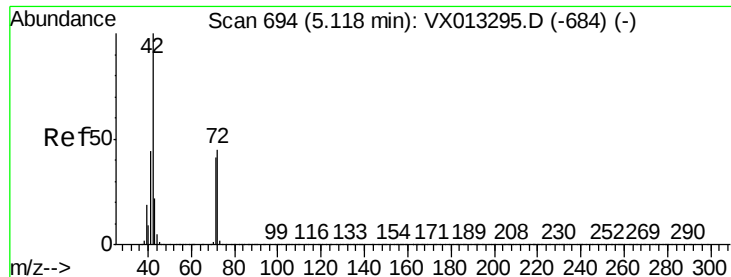


#28

Bromochloromethane
Concen: 51.971 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	196361		
129	2.2	0.0	5.2	
130	81.2	63.8	95.6	





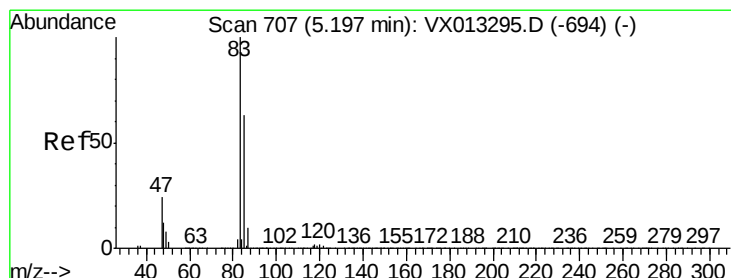
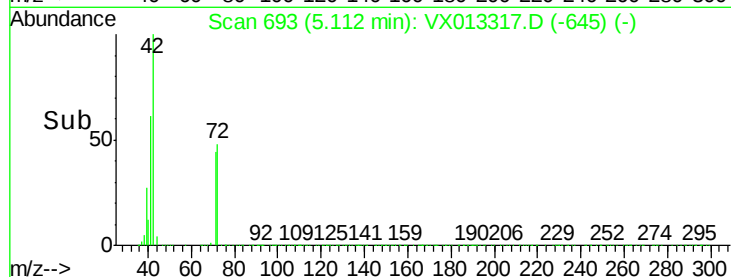
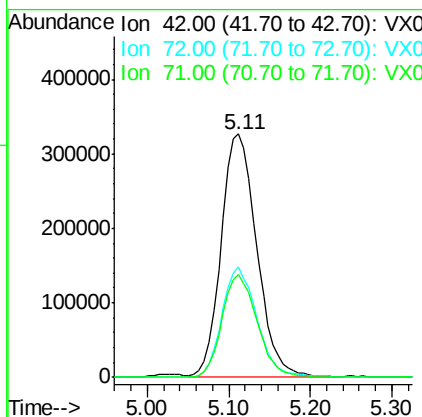
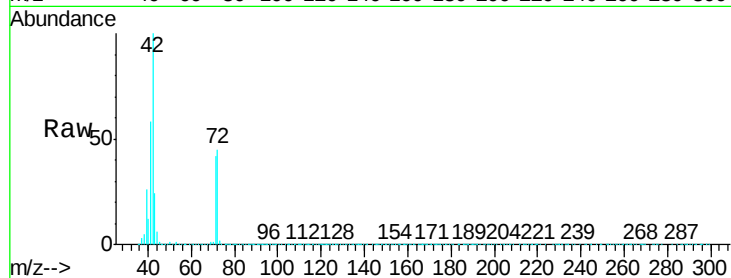
#29
Tetrahydrofuran
Concen: 248.319 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	41.9	33.4	50.0

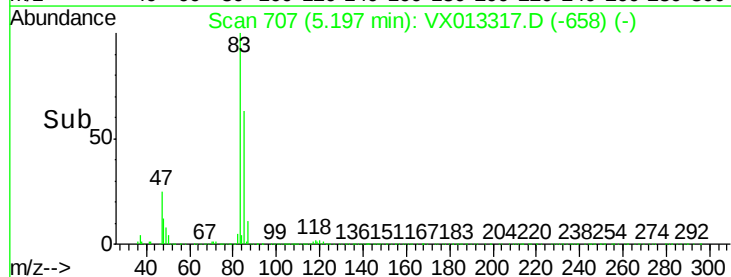
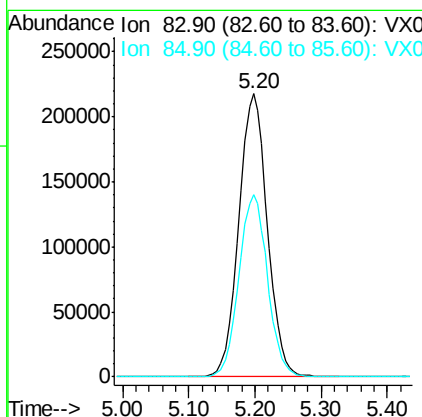
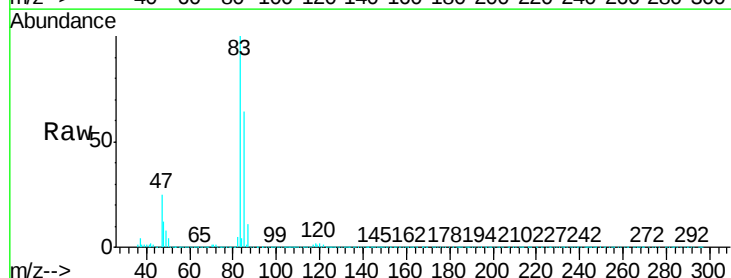
Manual Integrations
APPROVED

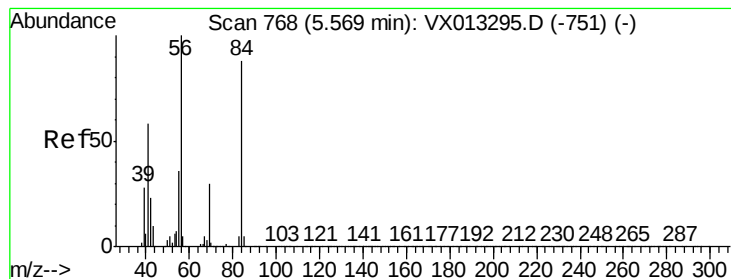
MMDadoda
11/4/2019 1:30:26 PM



#30
Chloroform
Concen: 49.475 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.2	75.4





#31

Cyclohexane

Concen: 48.137 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

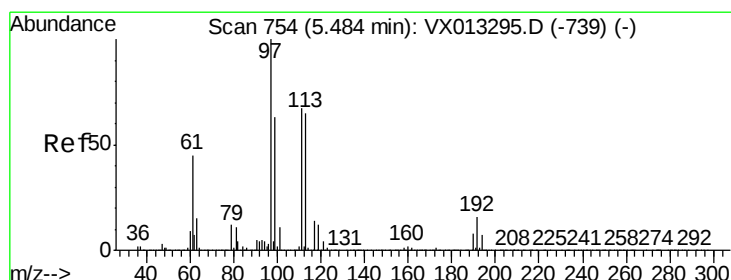
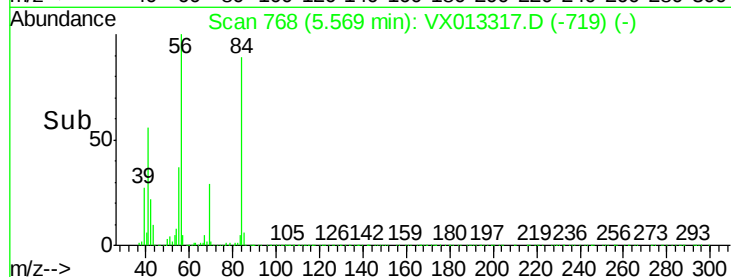
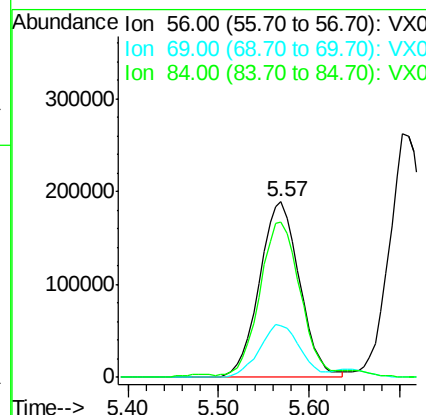
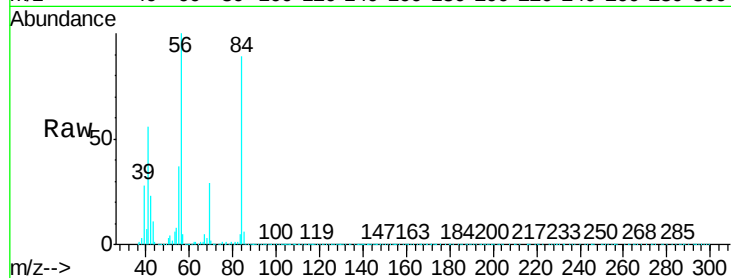
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	576394
Ion Ratio		Lower	Upper
56	100		
69	29.3	23.7	35.5
84	87.3	70.6	105.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.740 ug/l

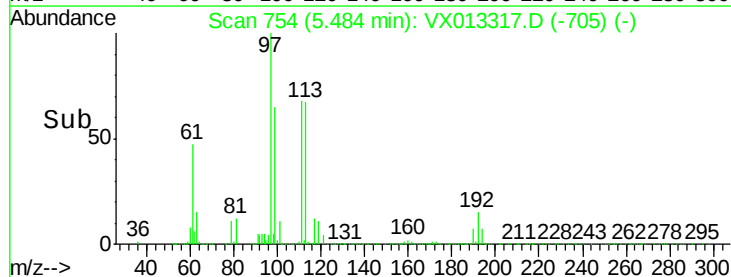
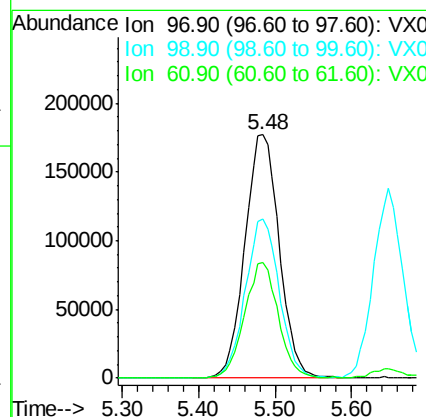
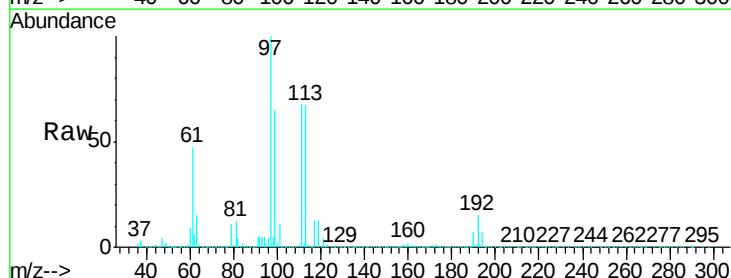
RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion:	97	Resp:	551157
Ion Ratio		Lower	Upper
97	100		
99	64.7	51.1	76.7
61	46.3	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 46.647 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

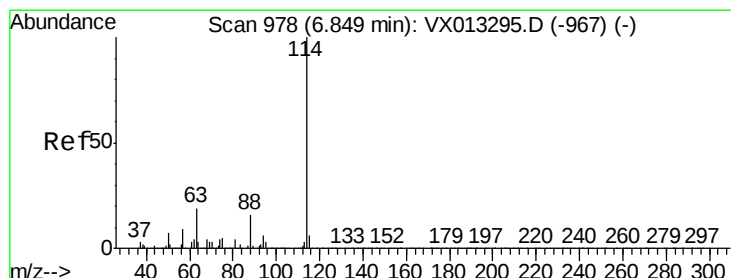
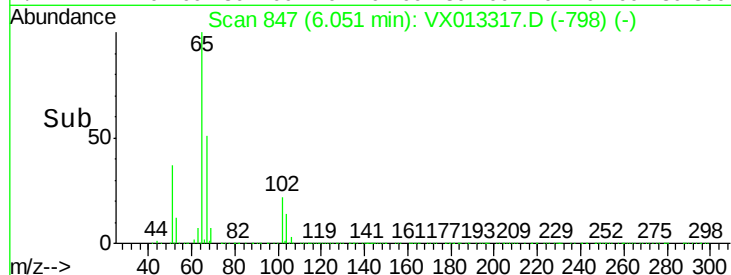
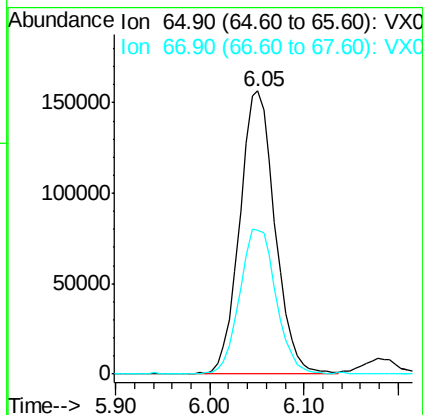
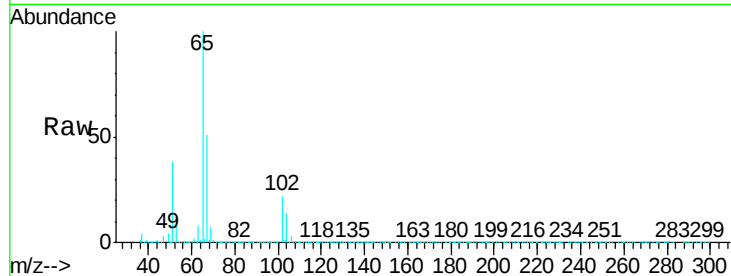
Tgt Ion: 65 Resp: 408542
Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.2

Manual Integrations
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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: VX013317.D

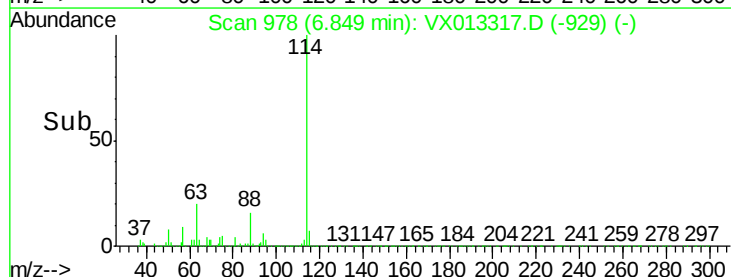
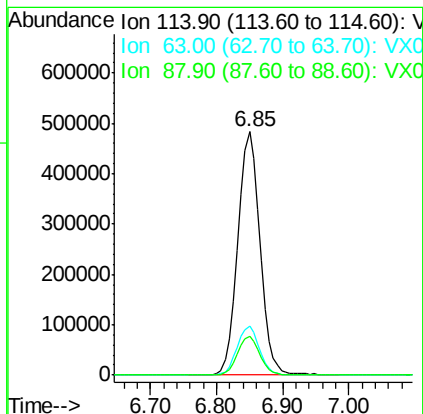
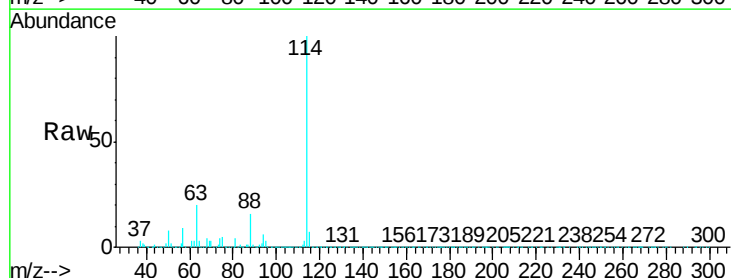
Acq: 01 Nov 2019 17:29

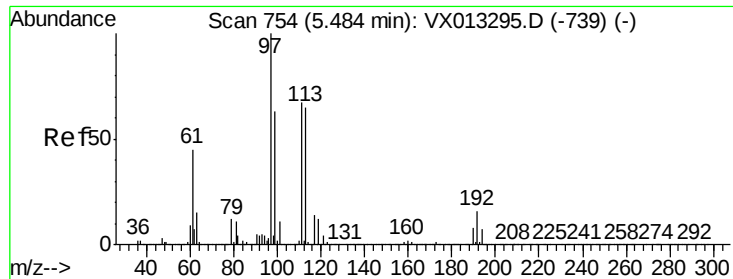
Tgt Ion: 114 Resp: 1124996
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 15.7 0.0 32.2





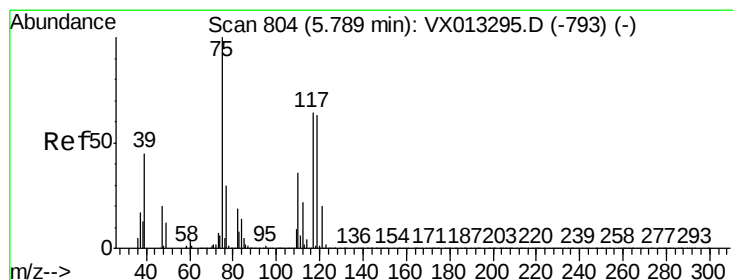
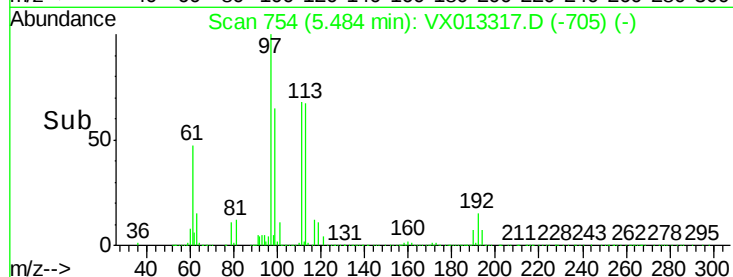
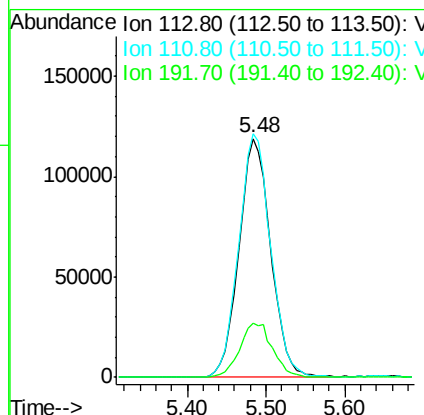
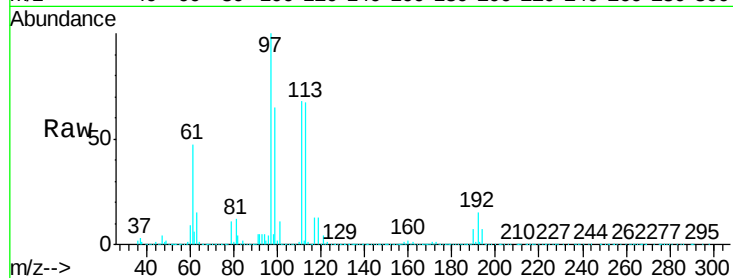
#35
Dibromofluoromethane
Concen: 47.074 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	332157		
111	102.5	81.9	122.9	
192	23.4	19.1	28.7	

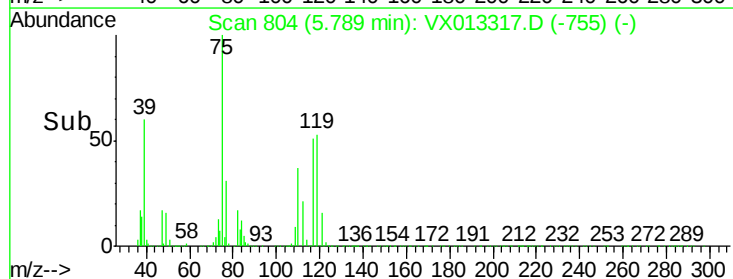
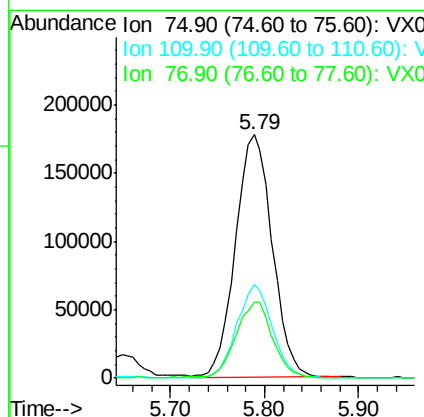
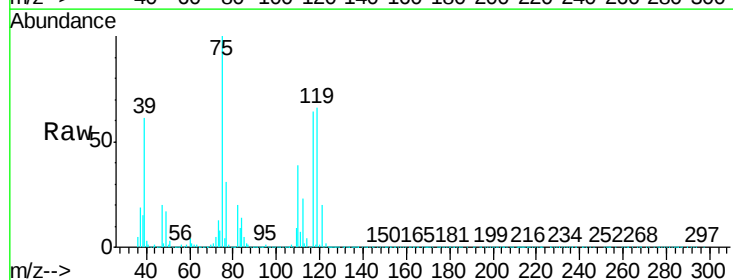
Manual Integrations
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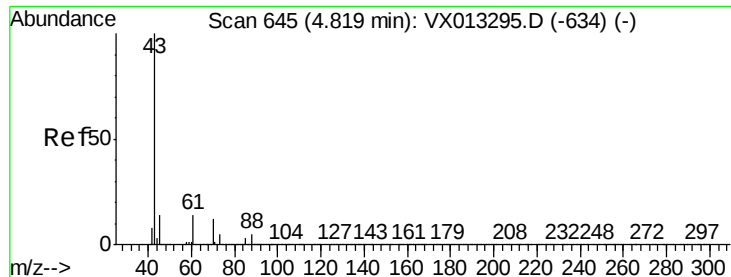
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#36
1,1-Dichloropropene
Concen: 49.858 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	481181		
110	37.2	18.1	54.1	
77	31.1	25.0	37.4	





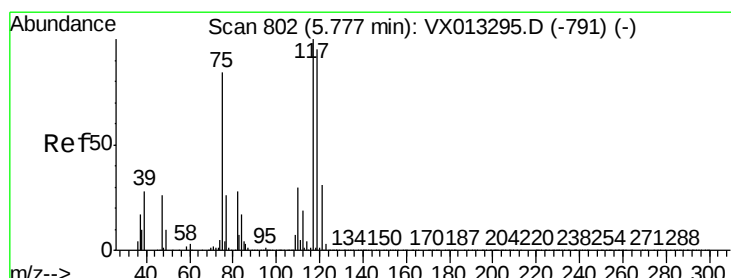
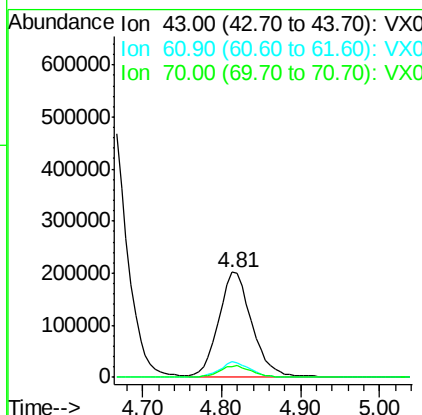
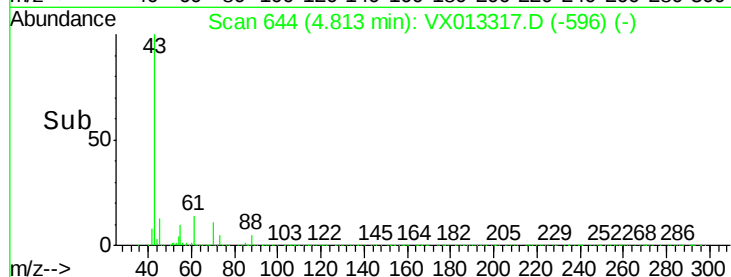
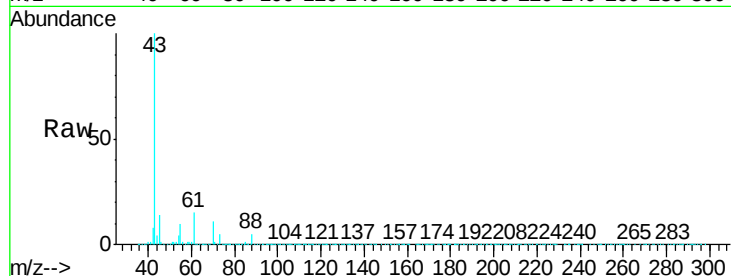
#37
Ethyl Acetate
Concen: 49.142 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	10.5	8.7	13.1

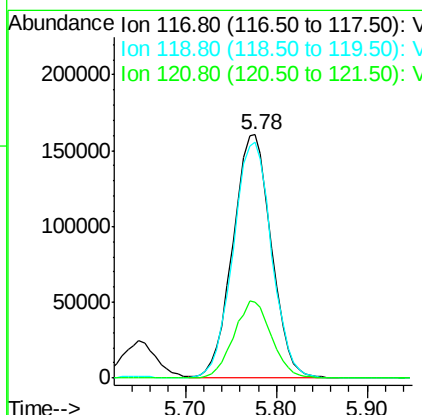
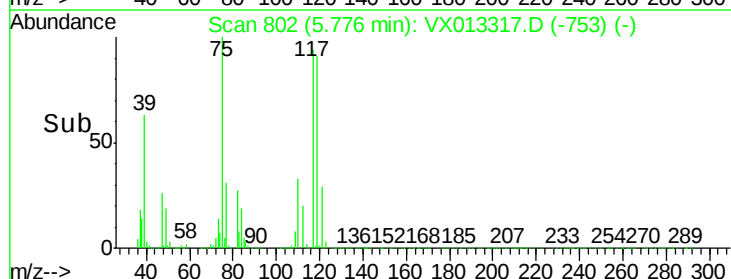
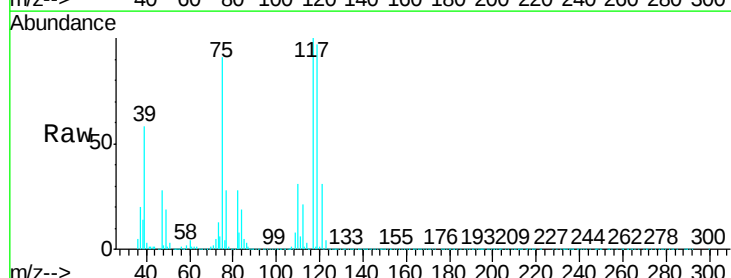
Manual Integrations
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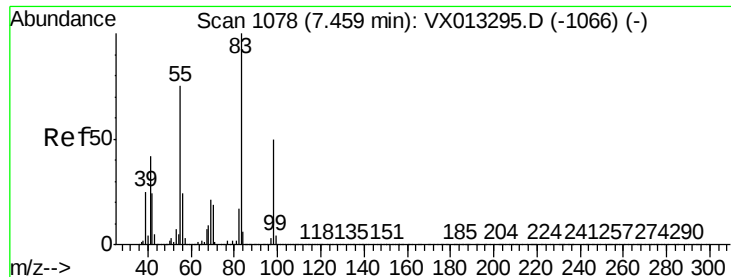
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#38
Carbon Tetrachloride
Concen: 49.867 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.1	114.1
121	30.8	24.6	37.0





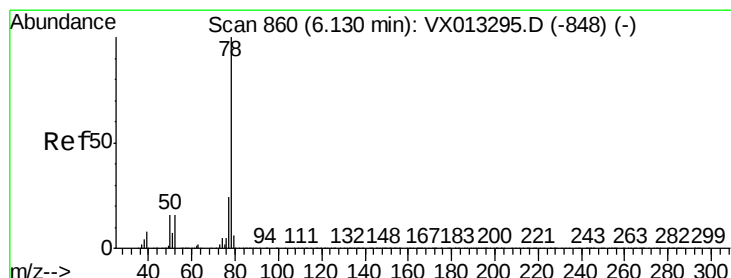
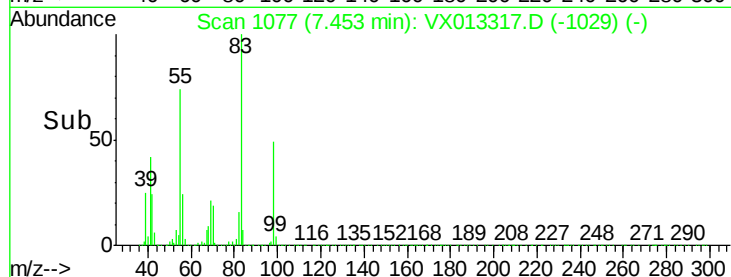
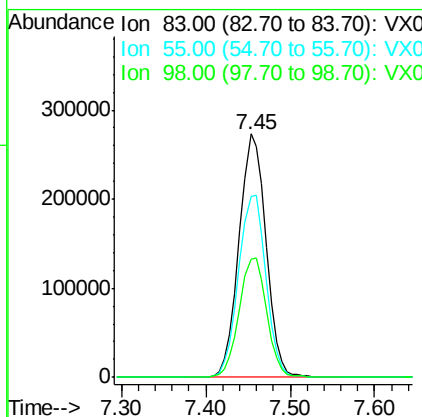
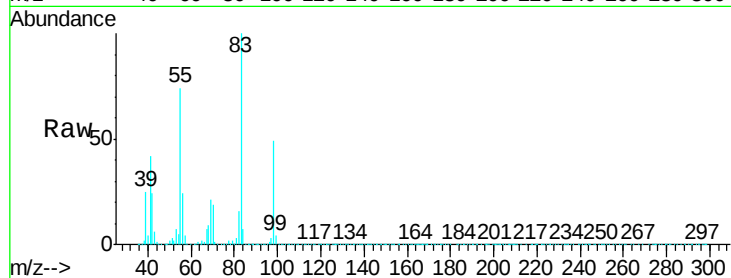
#39
Methylcyclohexane
Concen: 49.072 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.3	90.5
98	48.6	40.3	60.5

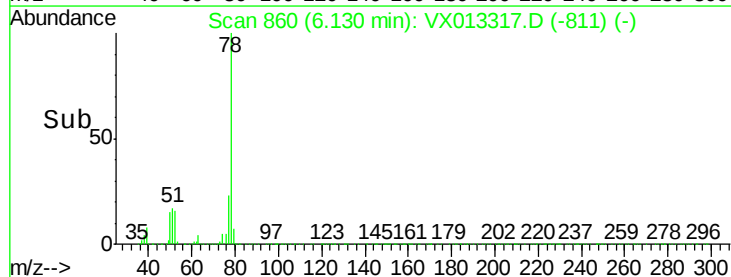
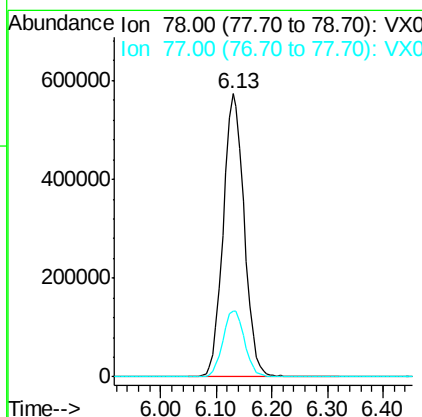
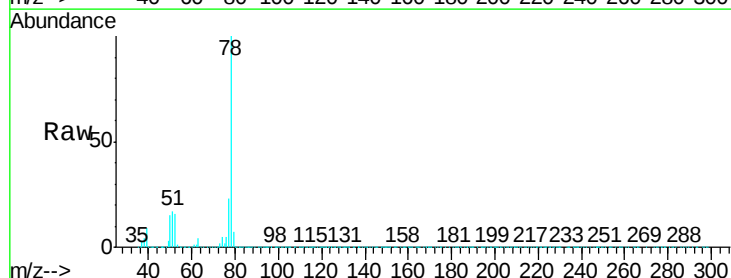
Manual Integrations
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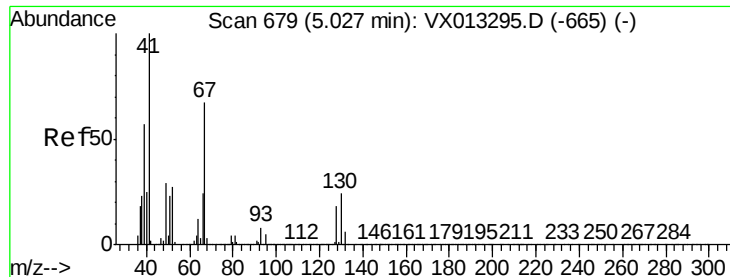
MMDadoda
11/4/2019 1:30:26 PM



#40
Benzene
Concen: 49.611 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.5	29.3





#41

Methacrylonitrile

Concen: 49.360 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

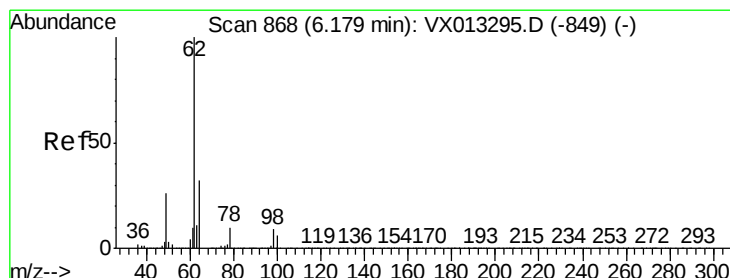
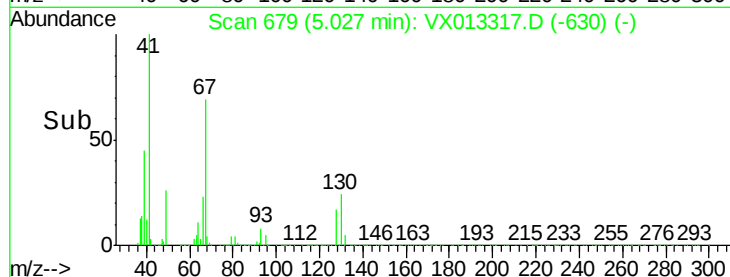
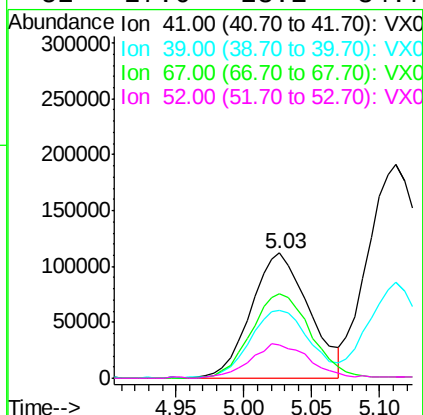
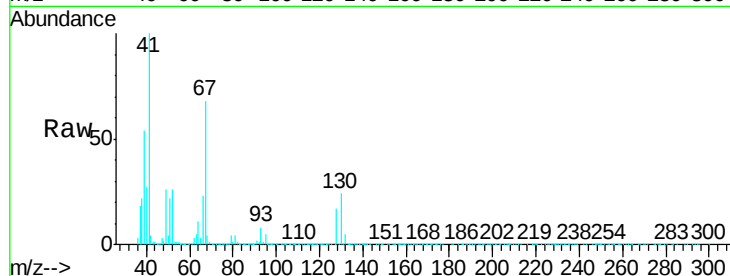
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.0	67.6
67	70.5	55.4	83.2
52	27.6	23.1	34.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.112 ug/l

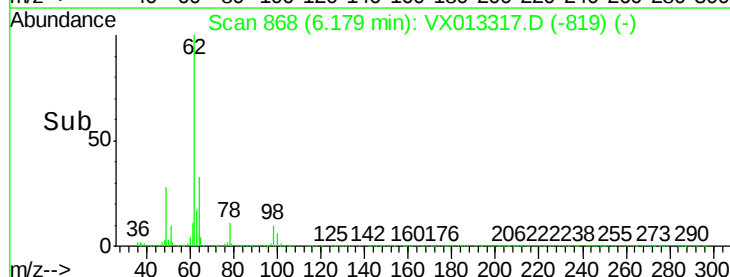
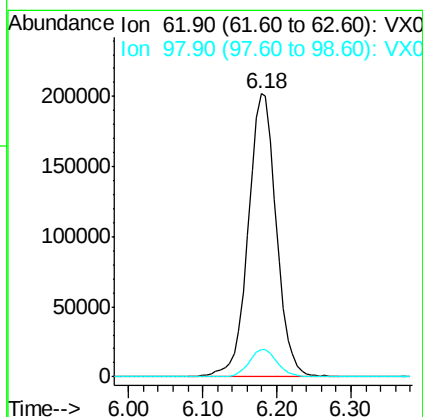
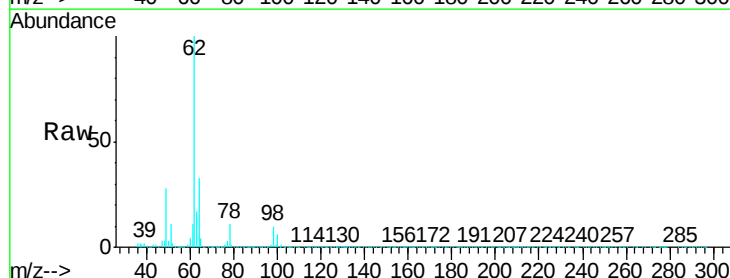
RT: 6.18 min Scan# 868

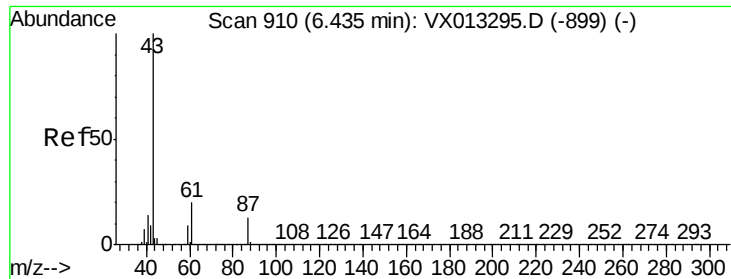
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 50.648 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

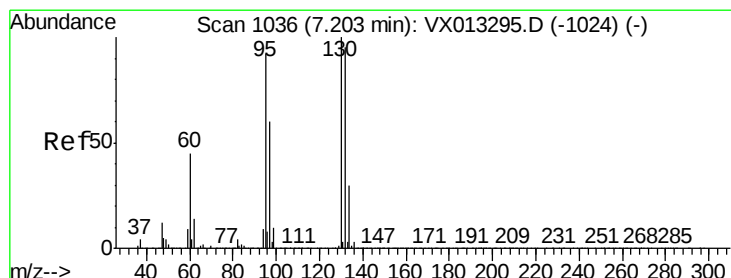
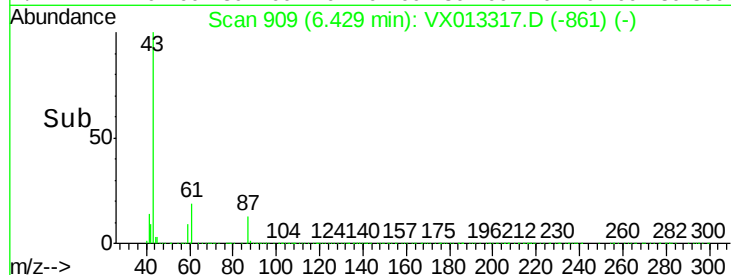
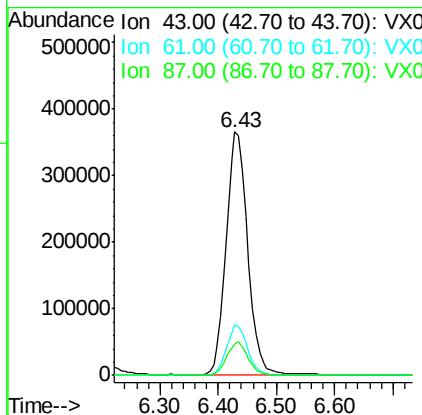
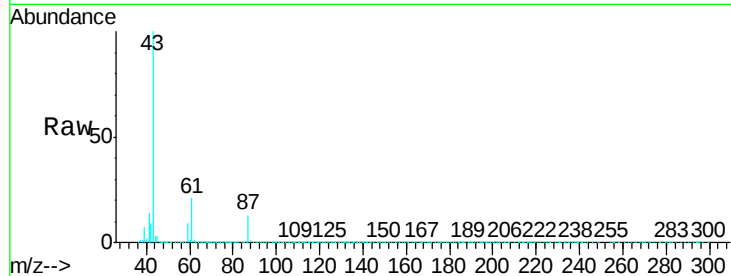
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8
87	13.5	10.4	15.6

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#44

Trichloroethene

Concen: 48.406 ug/l

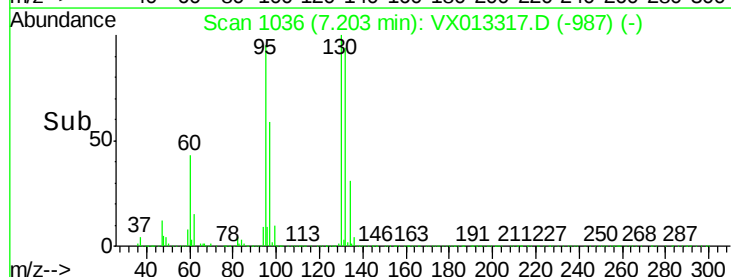
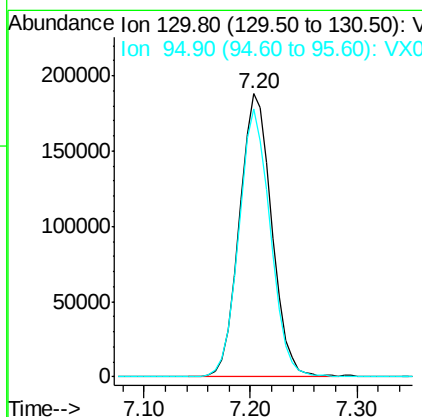
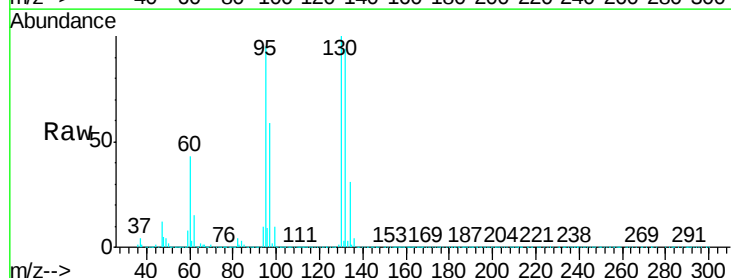
RT: 7.20 min Scan# 1036

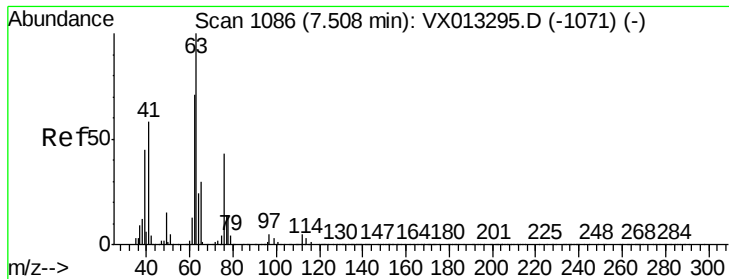
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	184.8





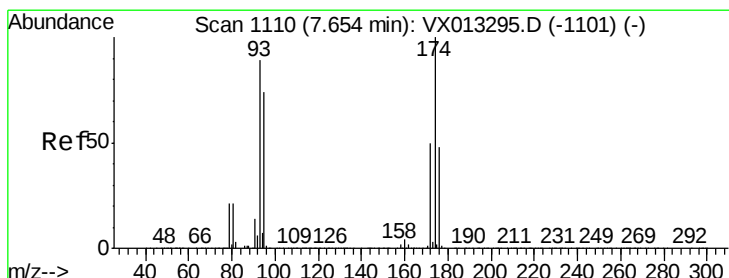
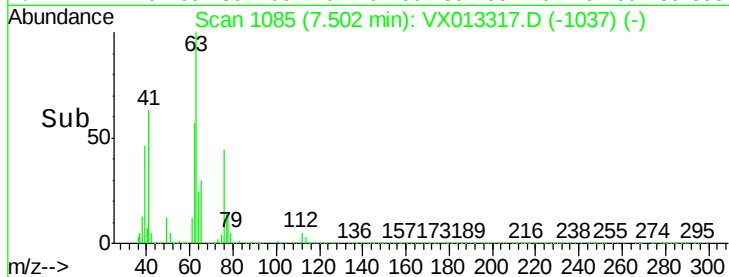
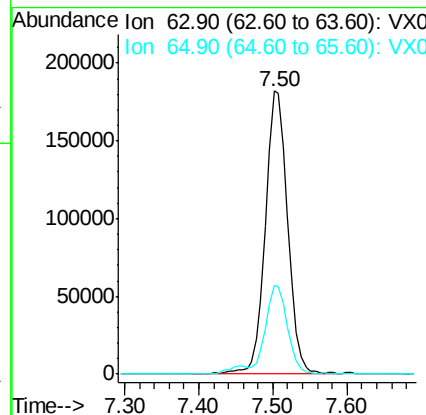
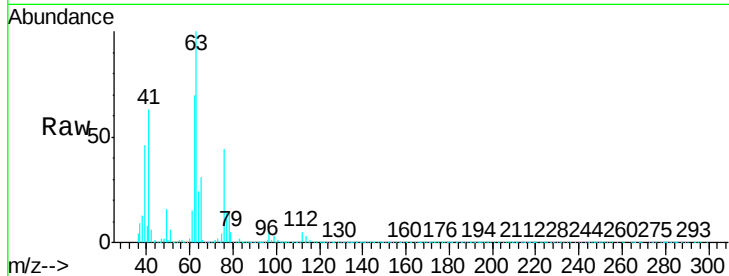
#45
 1,2-Dichloropropane
 Concen: 49.950 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.3	36.5

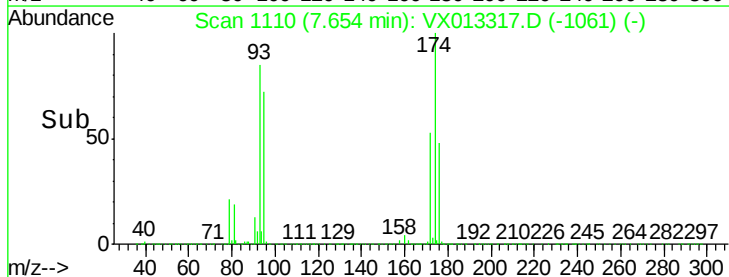
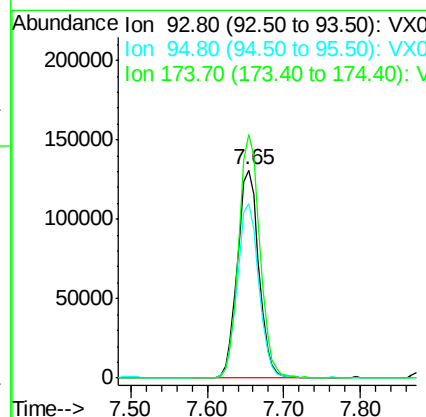
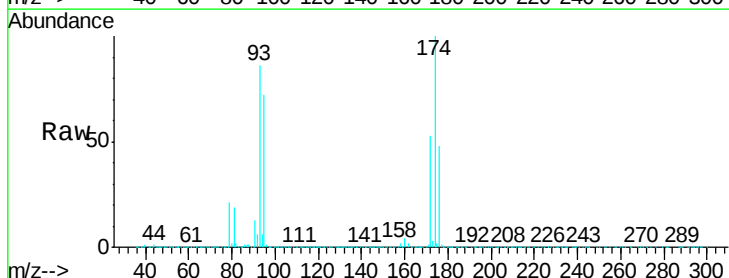
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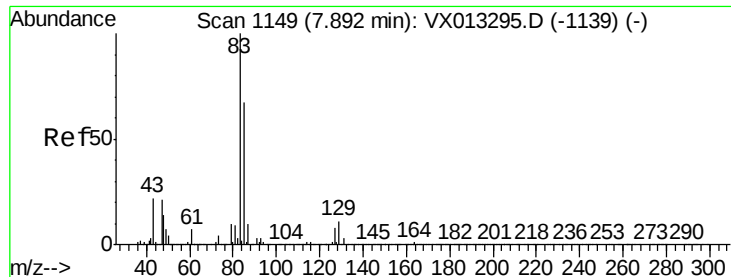
MMDadoda
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#46
 Dibromomethane
 Concen: 48.580 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.8	98.6
174	116.1	90.4	135.6





#47

Bromodichloromethane

Concen: 51.273 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

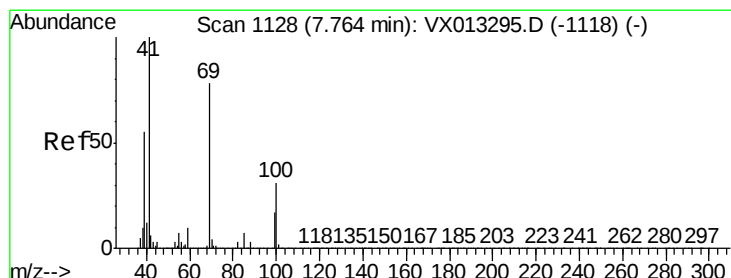
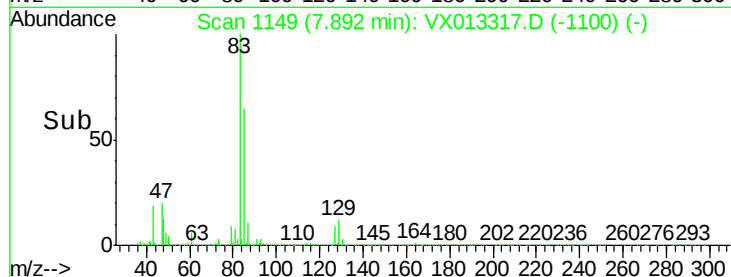
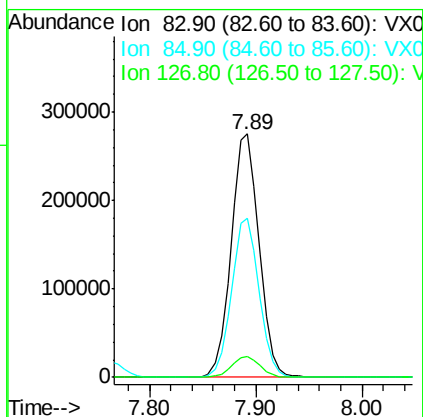
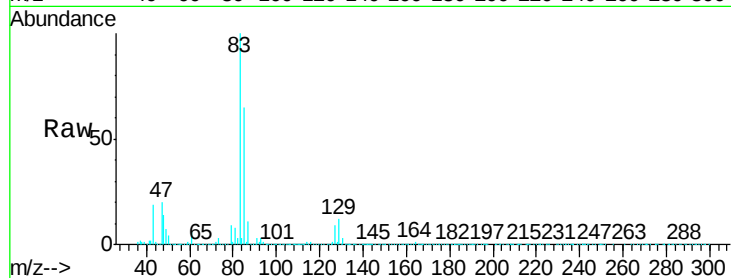
ClientSampleId :

VSTDCCC050EC

Tgt Ion	83	Resp	505658
Ion Ratio	Lower	Upper	
83	100		
85	65.3	53.7	80.5
127	8.7	6.4	9.6

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#48

Methyl methacrylate

Concen: 51.433 ug/l

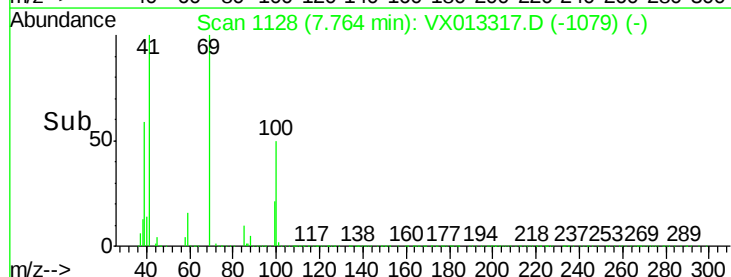
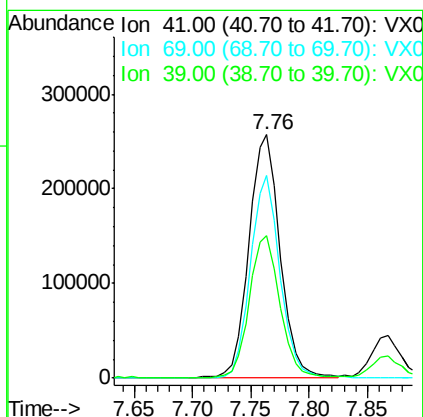
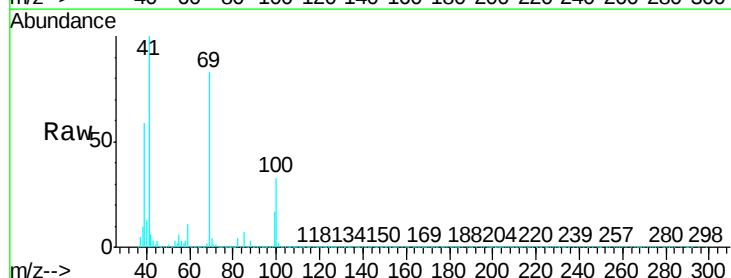
RT: 7.76 min Scan# 1128

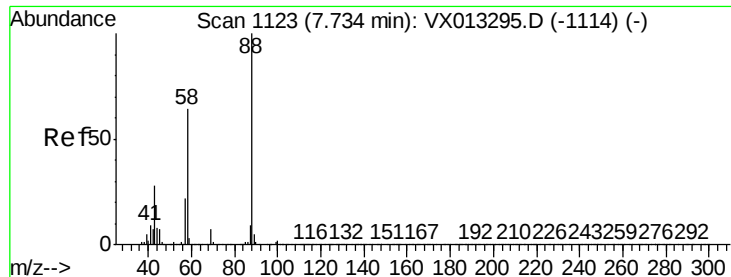
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion	41	Resp	476771
Ion Ratio	Lower	Upper	
41	100		
69	79.9	63.0	94.6
39	57.7	45.9	68.9





#49

1,4-Dioxane

Concen: 962.169 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

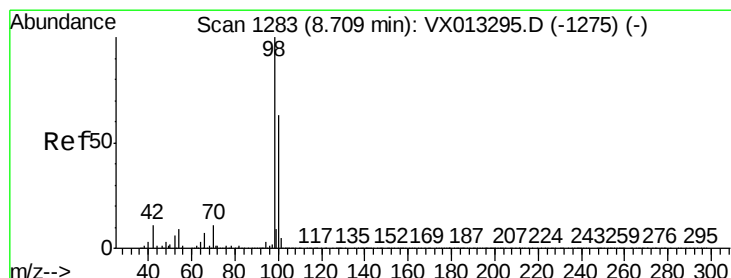
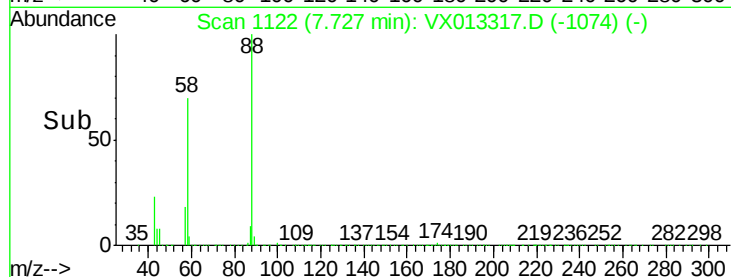
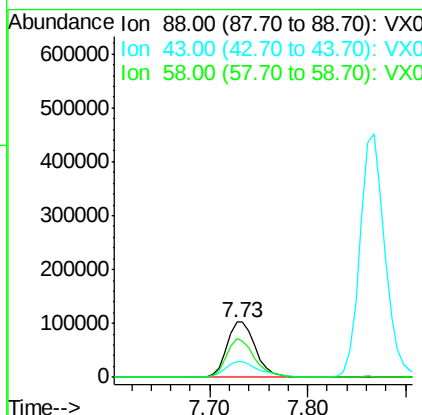
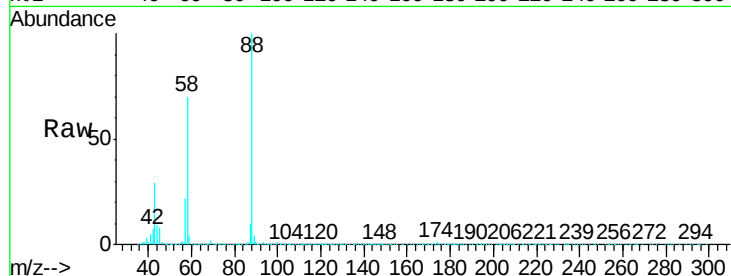
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	204257
Ion	Ratio	Lower	Upper
88	100		
43	34.1	26.6	39.8
58	69.1	55.0	82.6

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#50

Toluene-d8

Concen: 47.669 ug/l

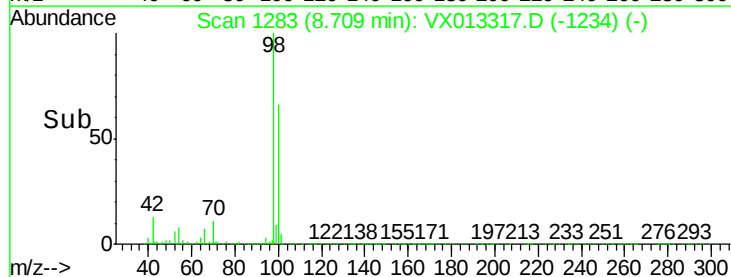
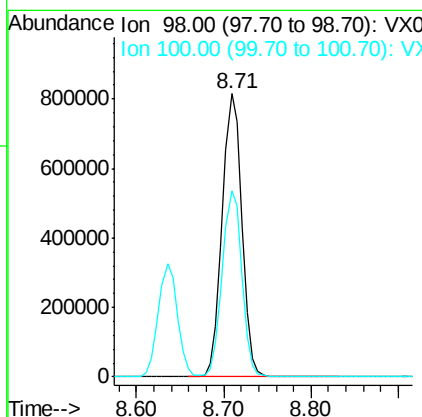
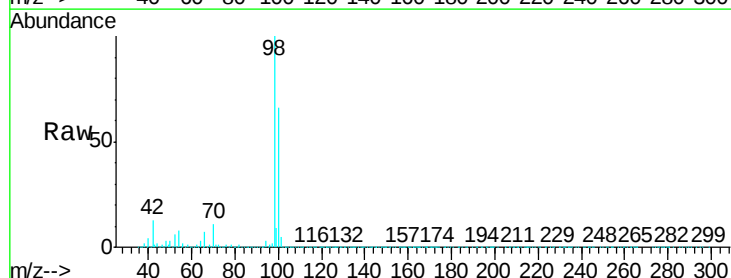
RT: 8.71 min Scan# 1283

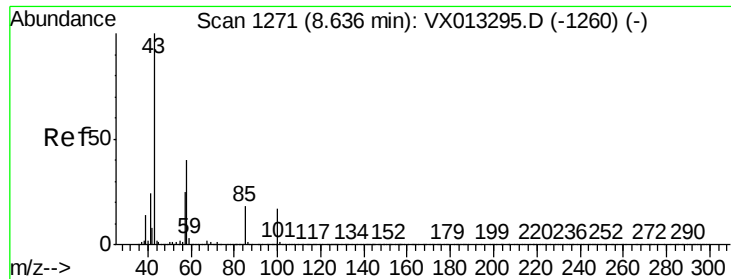
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion:	98	Resp:	1268040
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





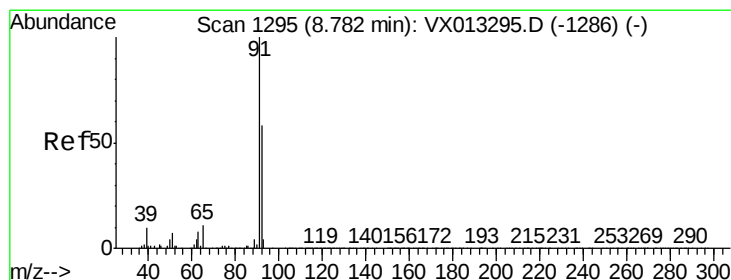
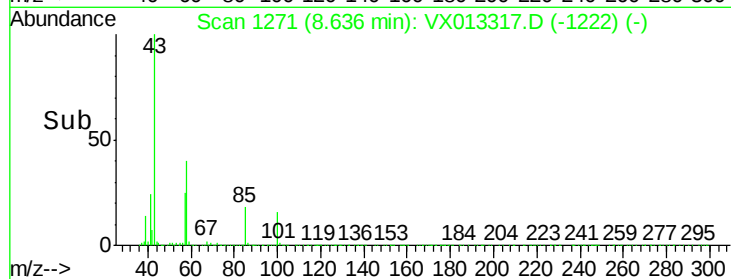
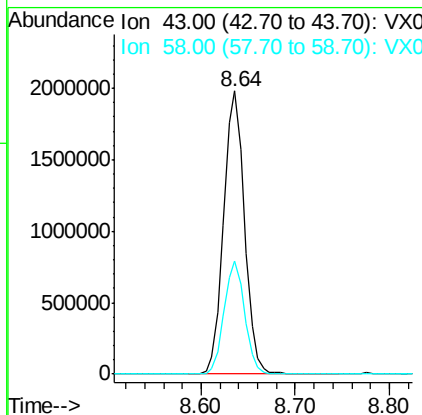
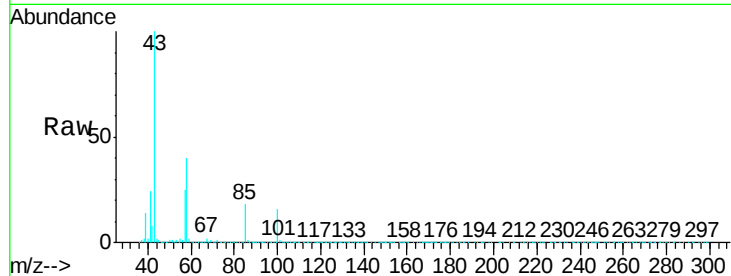
#51
4-Methyl-2-Pentanone
Concen: 250.224 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 3048633
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.0

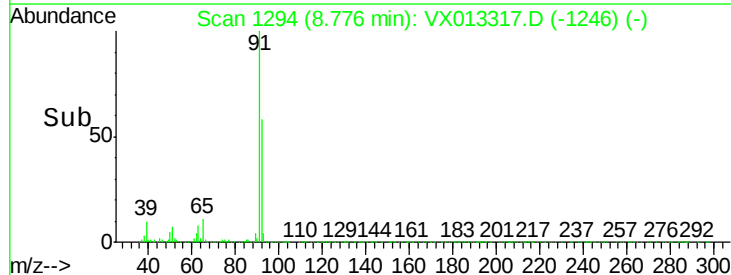
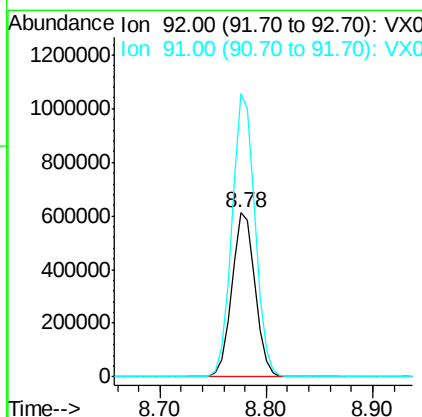
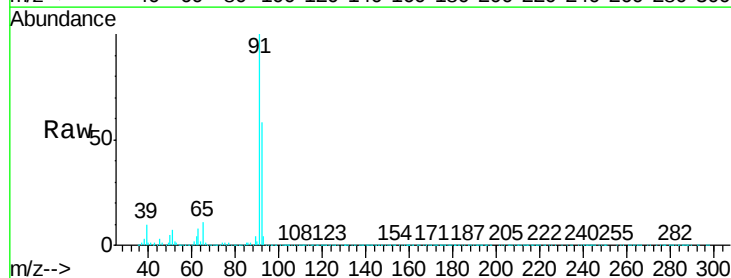
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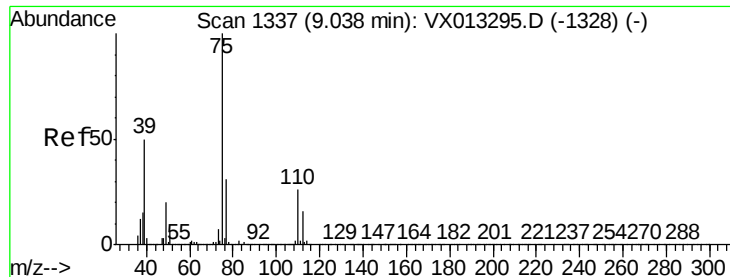
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#52
Toluene
Concen: 50.355 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 92 Resp: 938251
Ion Ratio Lower Upper
92 100
91 171.1 138.0 207.0





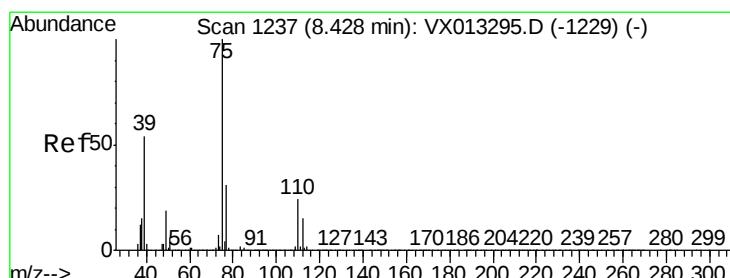
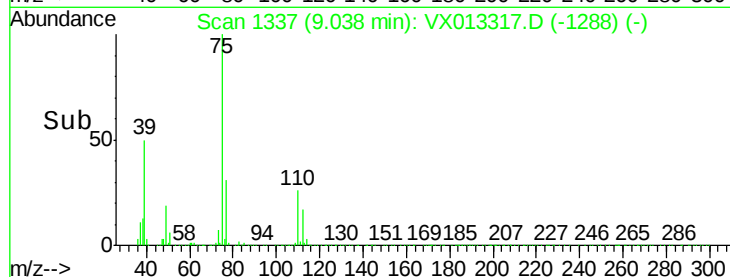
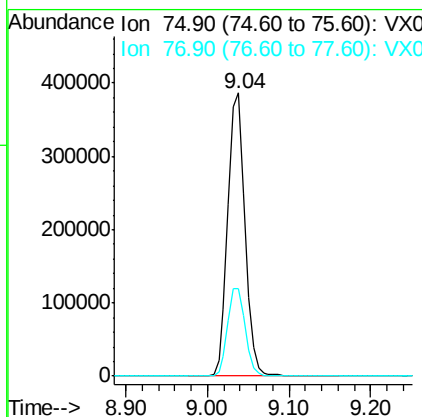
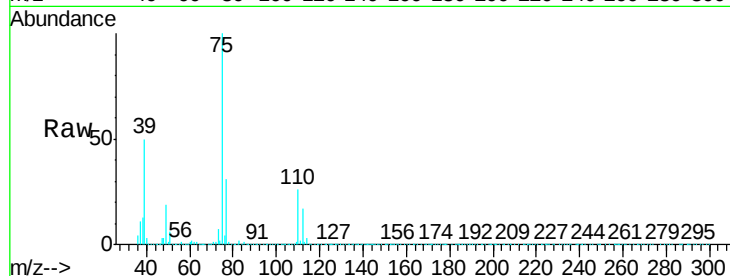
#53
t-1,3-Dichloropropene
Concen: 51.797 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 558591
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4

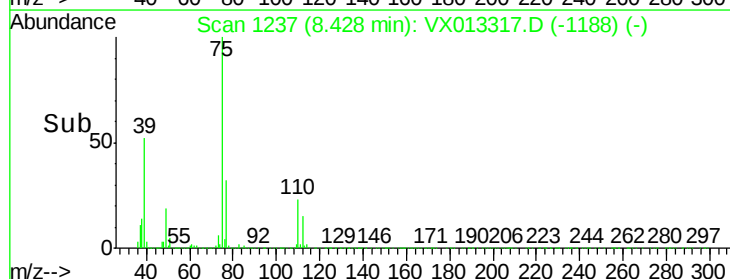
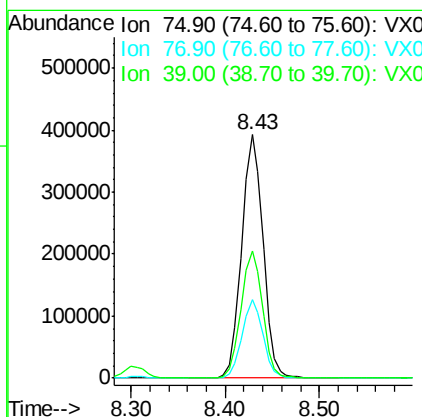
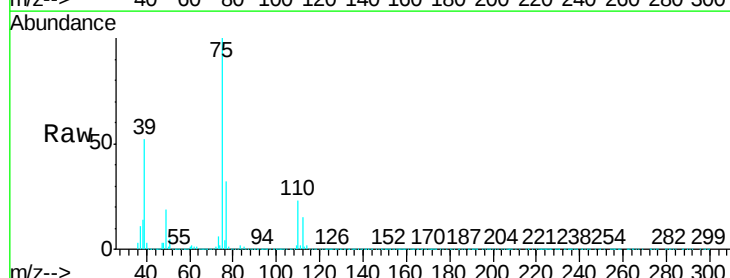
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#54
cis-1,3-Dichloropropene
Concen: 51.493 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 75 Resp: 621176
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1
39 52.3 43.0 64.6





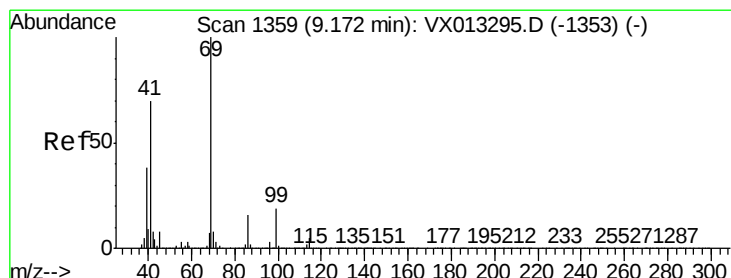
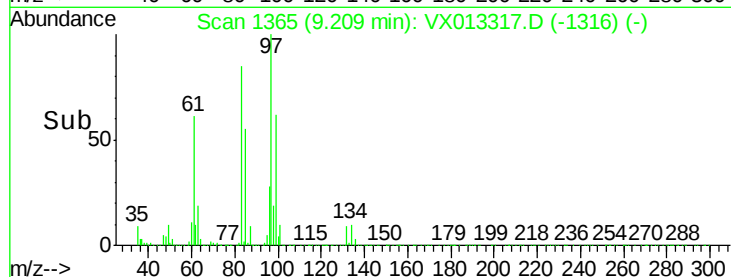
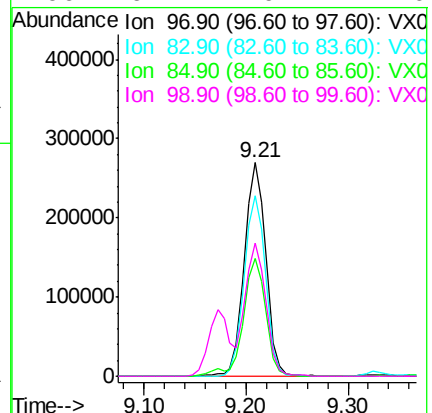
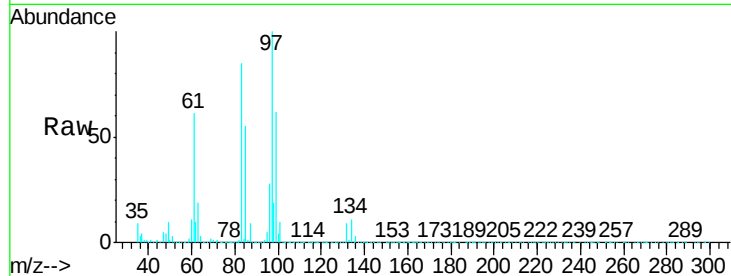
#55
 1,1,2-Trichloroethane
 Concen: 50.767 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	392077		
83	84.5	68.6	103.0	
85	55.3	43.1	64.7	
99	62.1	49.4	74.0	

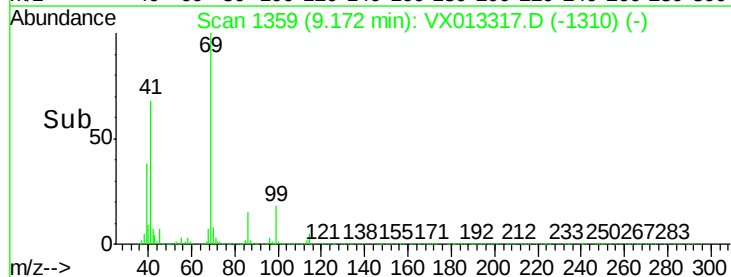
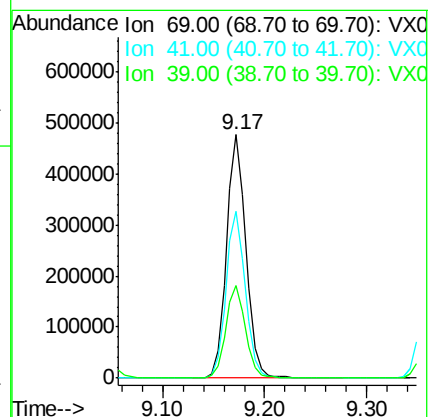
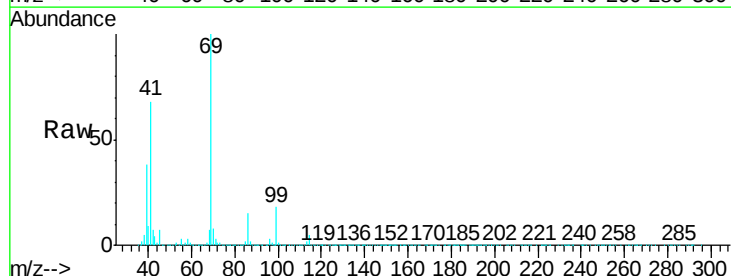
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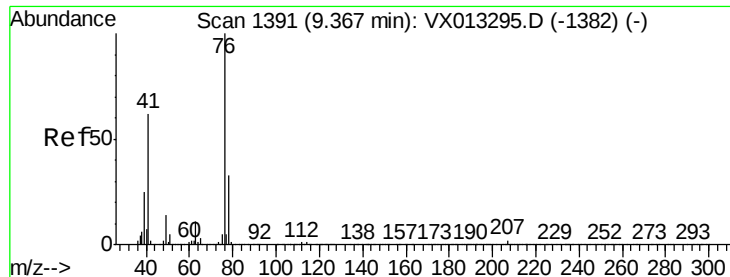
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#56
 Ethyl methacrylate
 Concen: 47.871 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	630265		
41	68.6	56.2	84.2	
39	38.3	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 49.950 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 654855

Ion Ratio Lower Upper

76 100

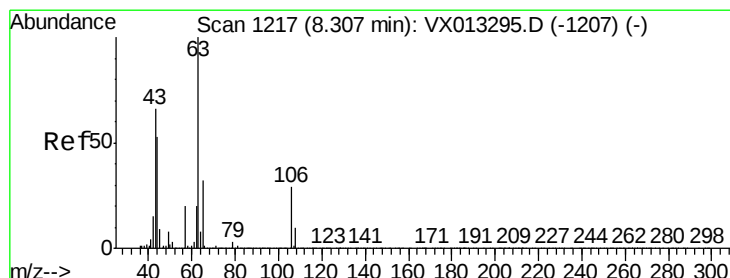
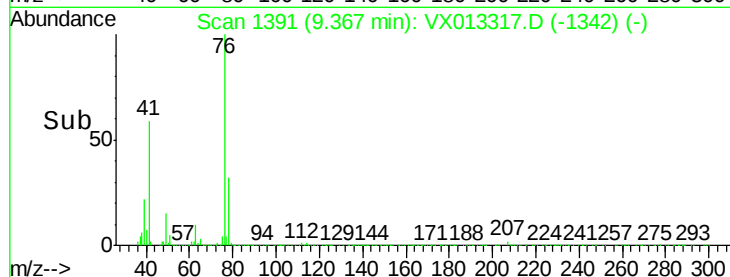
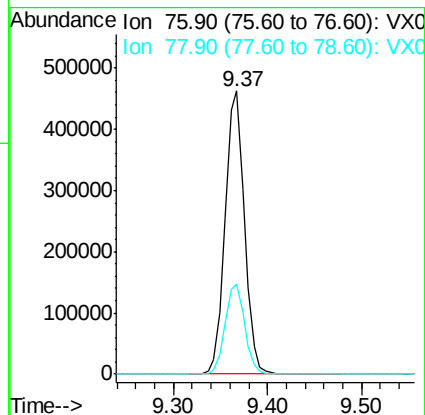
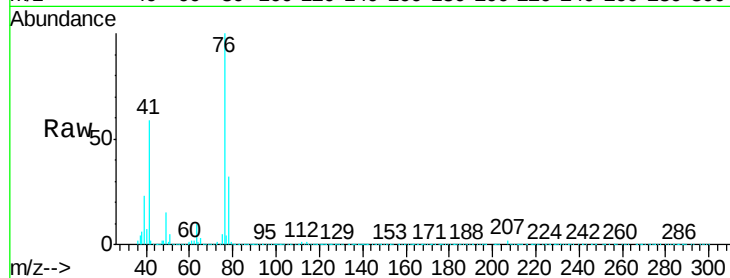
78 32.1 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 256.227 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013317.D

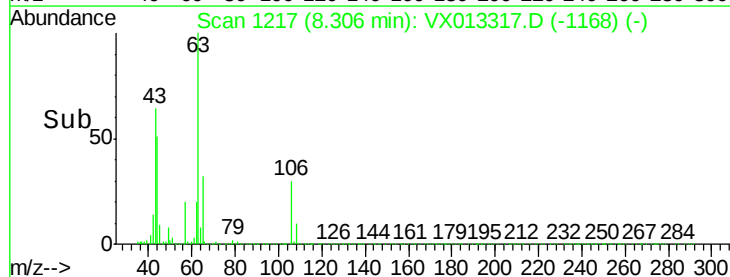
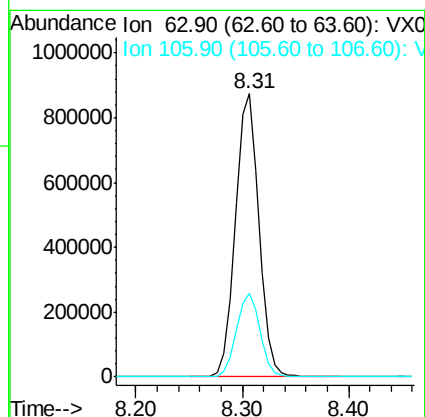
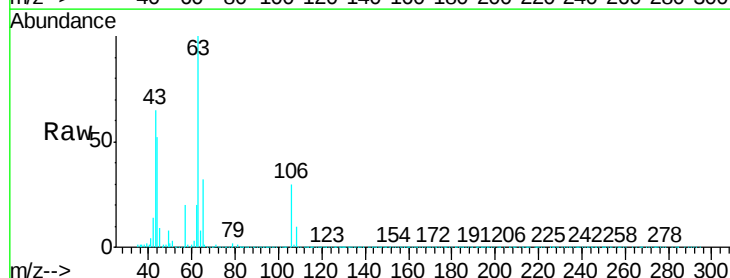
Acq: 01 Nov 2019 17:29

Tgt Ion: 63 Resp: 1353045

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2





#59

2-Hexanone

Concen: 252.240 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2374897

Ion Ratio Lower Upper

43 100

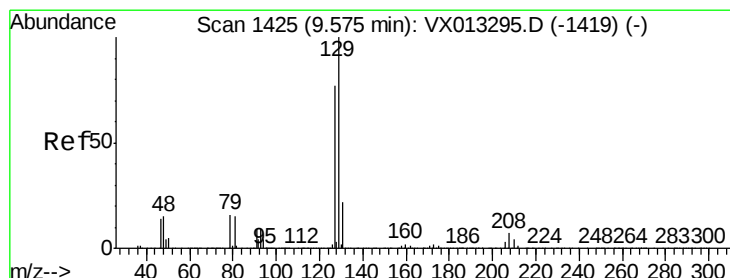
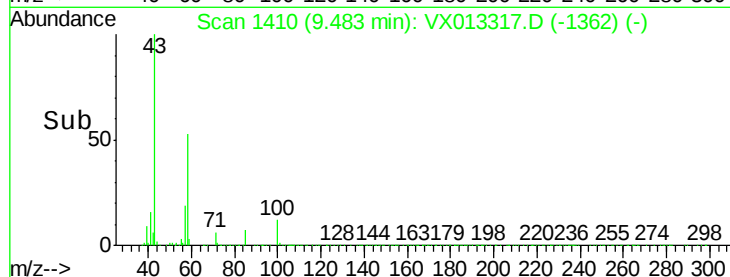
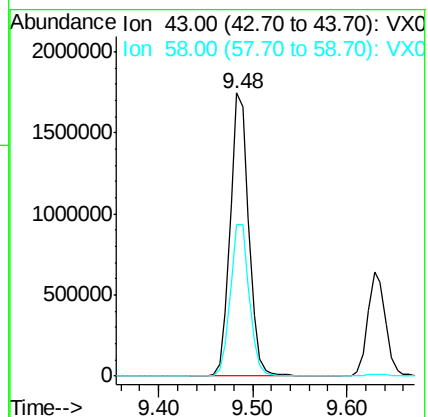
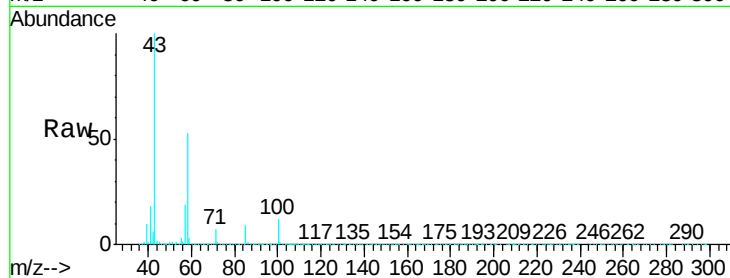
58 55.0 27.3 81.8

Manual Integrations

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#60

Dibromochloromethane

Concen: 52.598 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013317.D

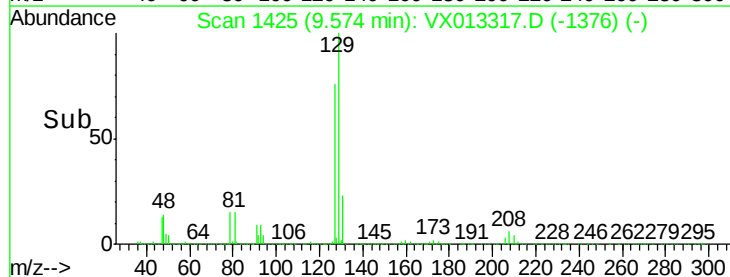
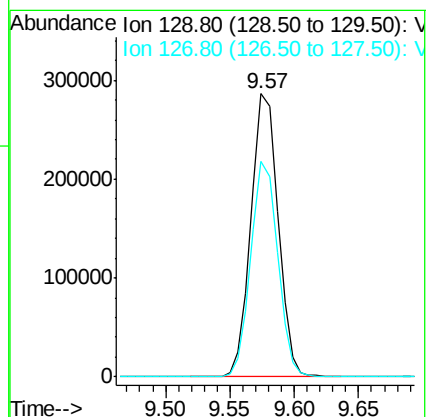
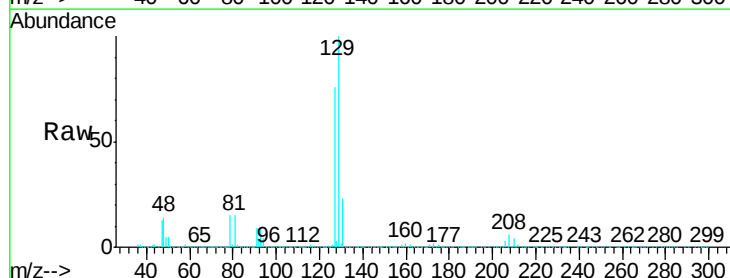
Acq: 01 Nov 2019 17:29

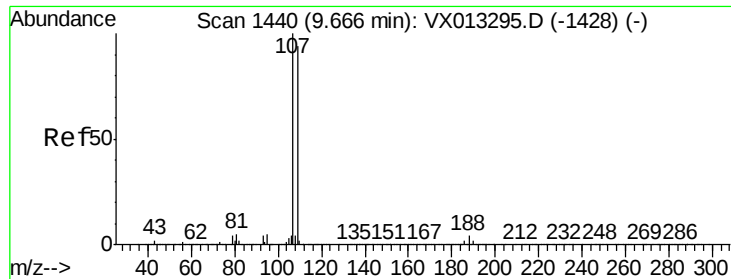
Tgt Ion: 129 Resp: 415446

Ion Ratio Lower Upper

129 100

127 75.6 39.1 117.2





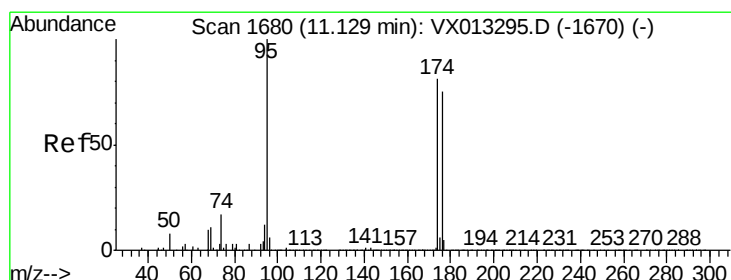
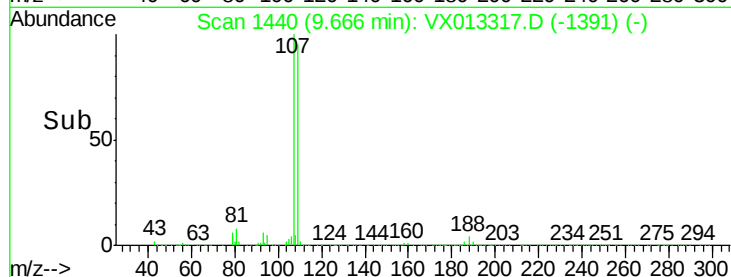
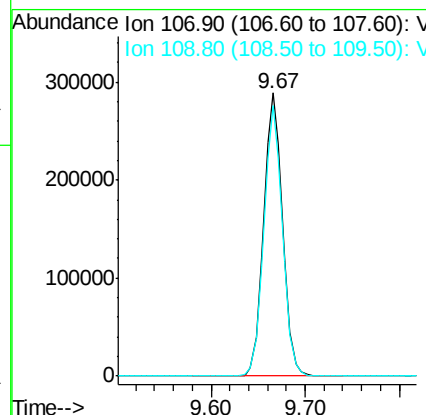
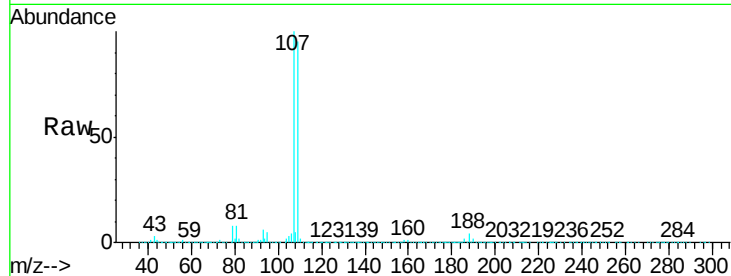
#61
1,2-Dibromoethane
Concen: 49.975 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	409843		
109	94.3	75.1	112.7	

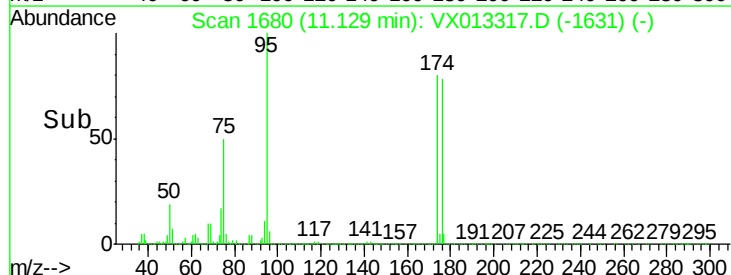
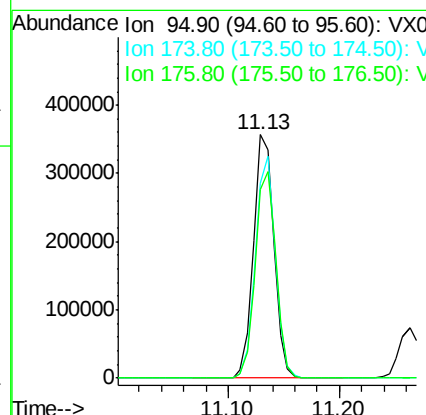
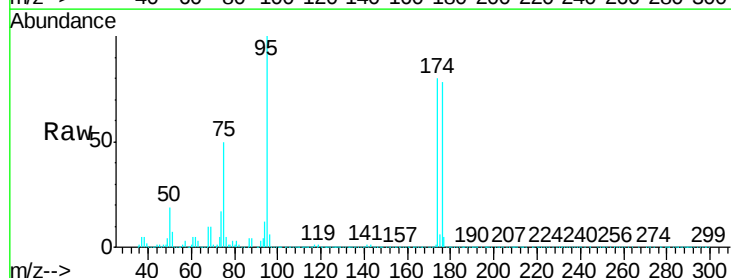
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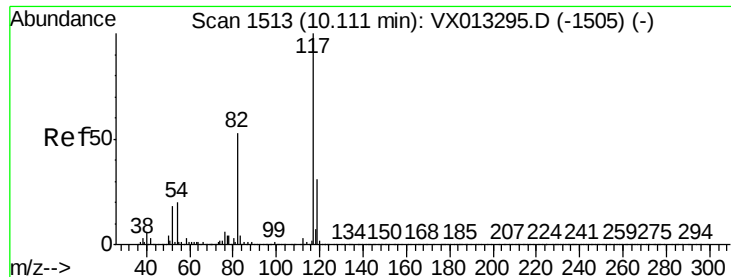
MMDadoda
11/4/2019 1:30:26 PM



#62
4-Bromofluorobenzene
Concen: 47.463 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	455662		
174	89.0	0.0	179.8	
176	86.1	0.0	173.0	





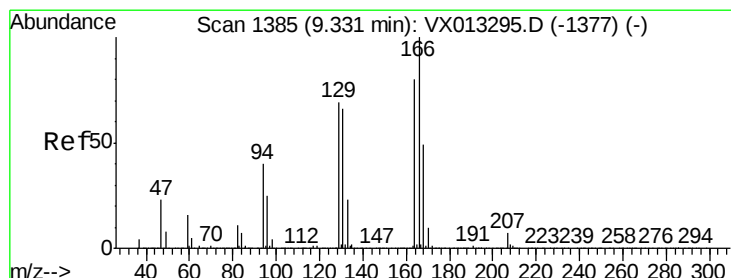
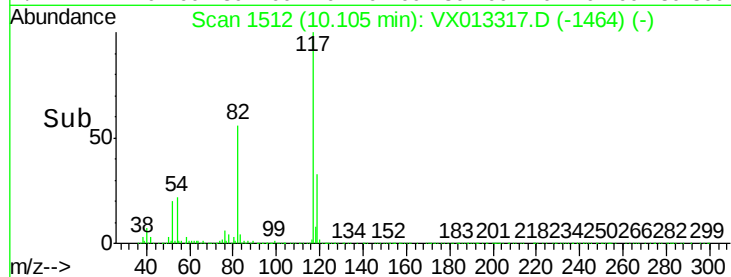
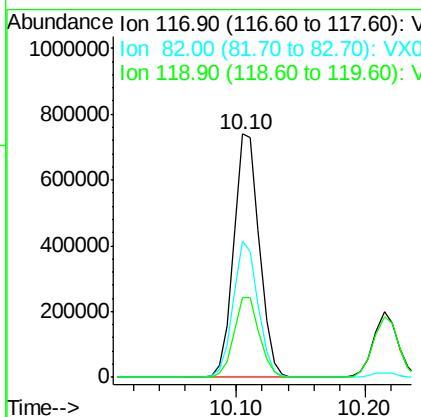
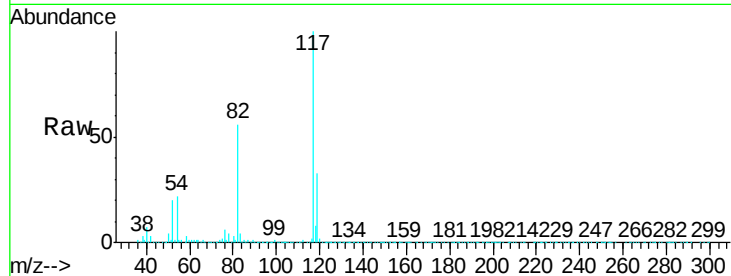
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.6	64.0
119	32.6	24.8	37.2

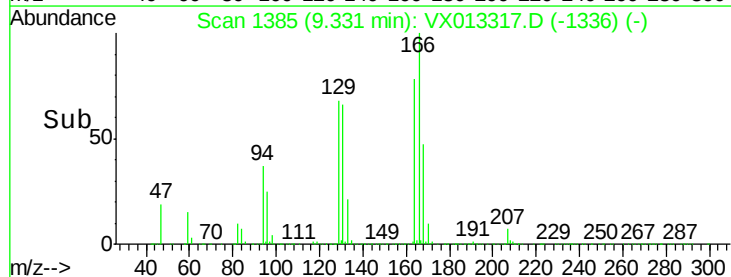
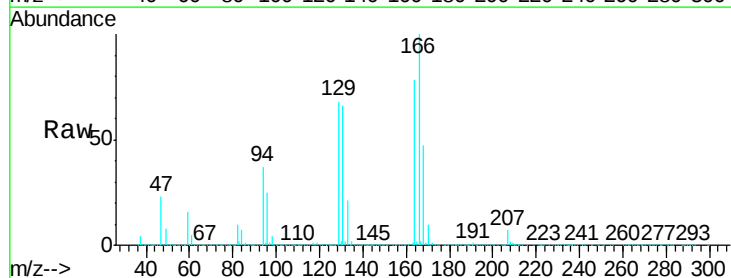
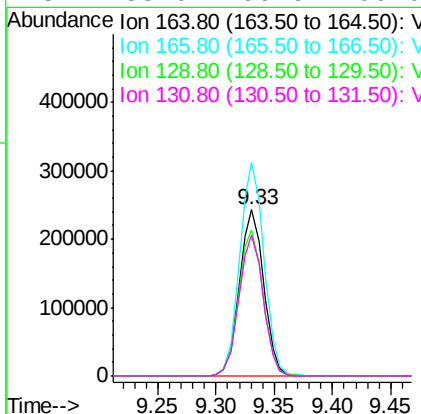
Manual Integrations
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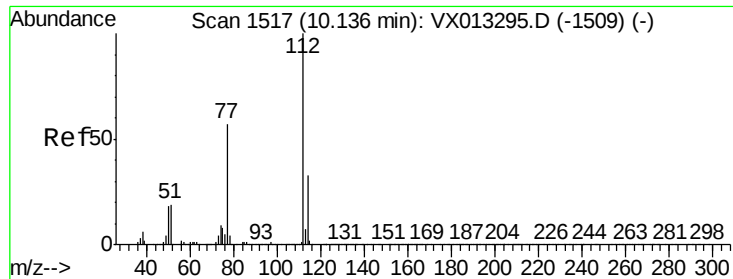
MMDadoda
11/4/2019 1:30:26 PM



#64
Tetrachloroethene
Concen: 48.497 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	100.4	150.6
129	87.6	69.4	104.2
131	85.0	66.6	100.0





#65

Chlorobenzene

Concen: 48.963 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 1011738

Ion Ratio Lower Upper

112 100

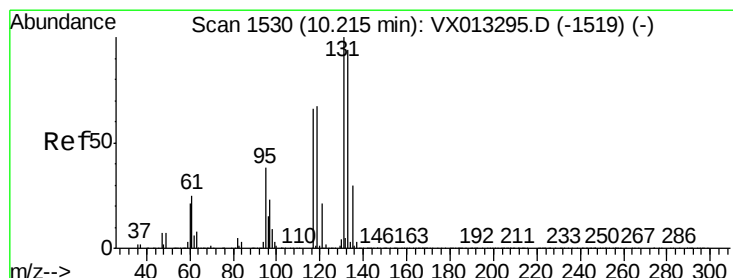
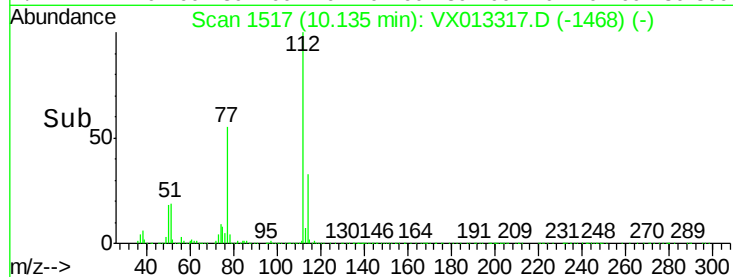
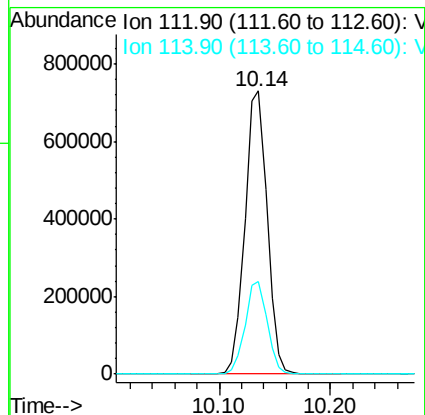
114 32.7 26.4 39.6

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.973 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

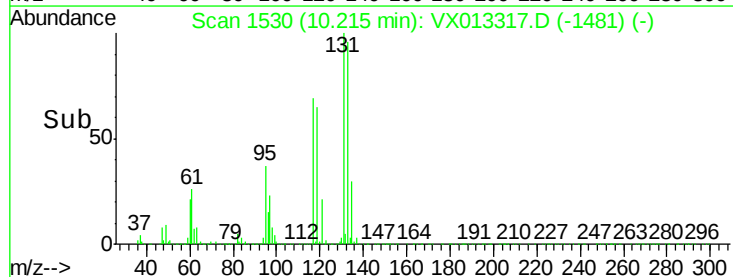
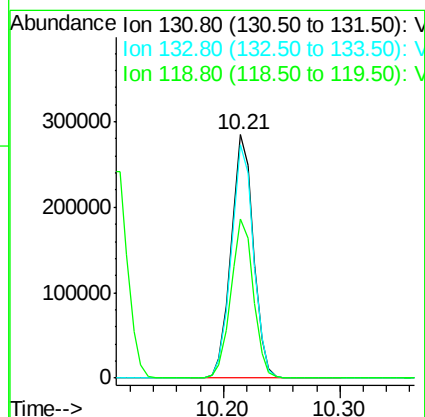
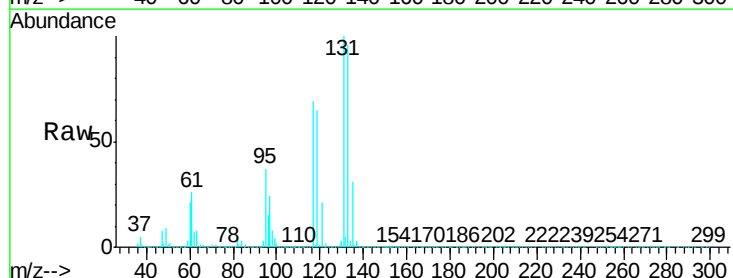
Tgt Ion:131 Resp: 379147

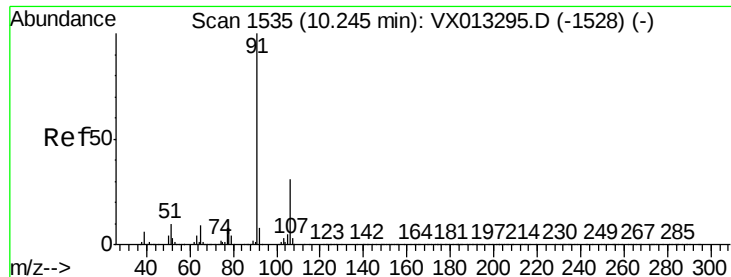
Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.0

119 65.6 33.0 99.0





#67

Ethyl Benzene

Concen: 50.179 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1789502

Ion Ratio Lower Upper

91 100

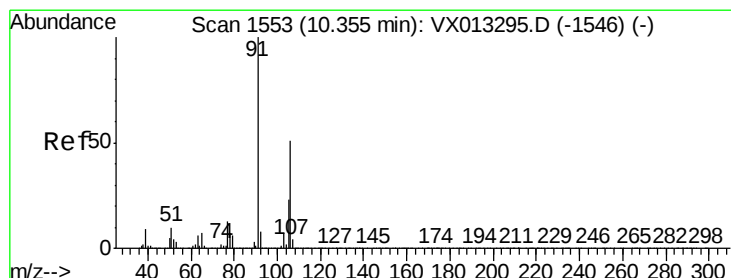
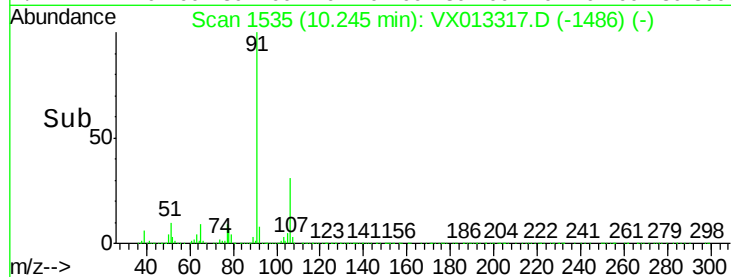
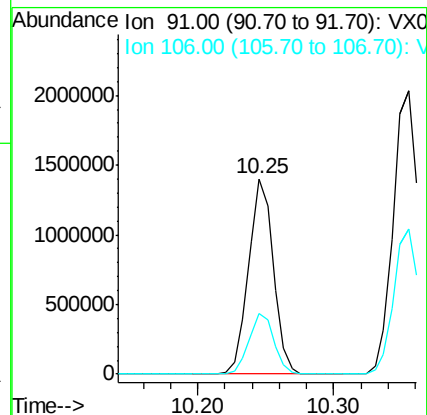
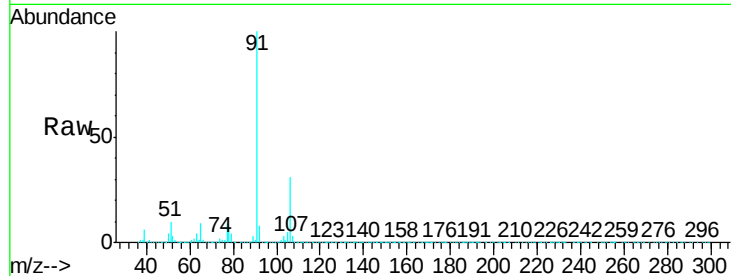
106 31.4 24.6 36.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.617 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013317.D

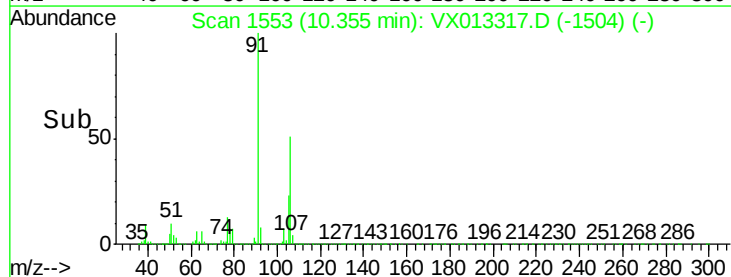
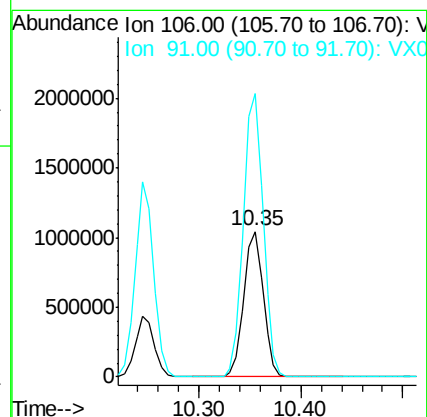
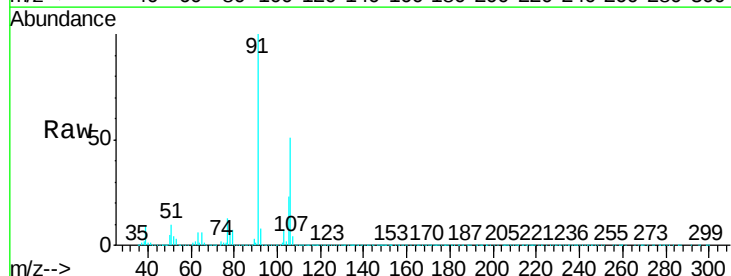
Acq: 01 Nov 2019 17:29

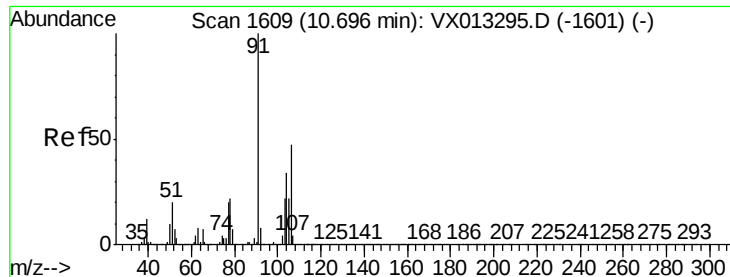
Tgt Ion: 106 Resp: 1370524

Ion Ratio Lower Upper

106 100

91 198.0 159.3 238.9





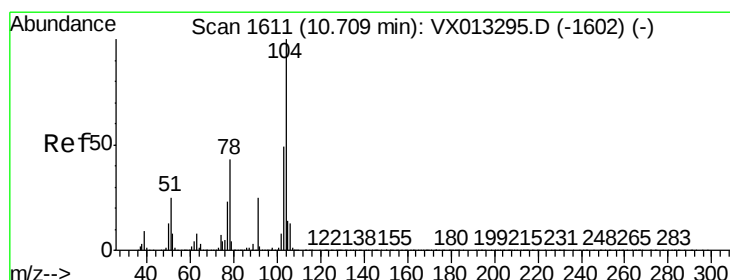
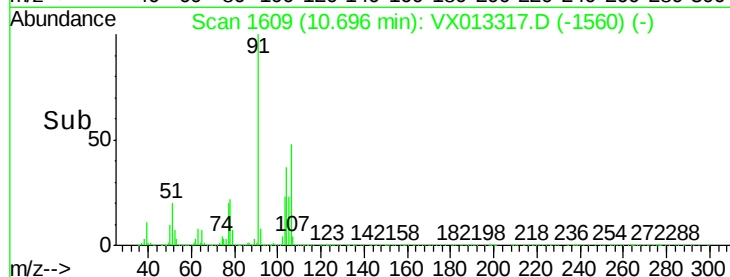
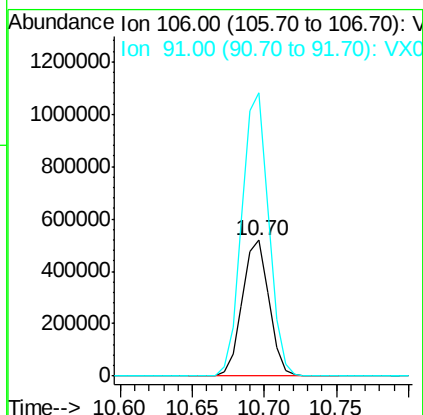
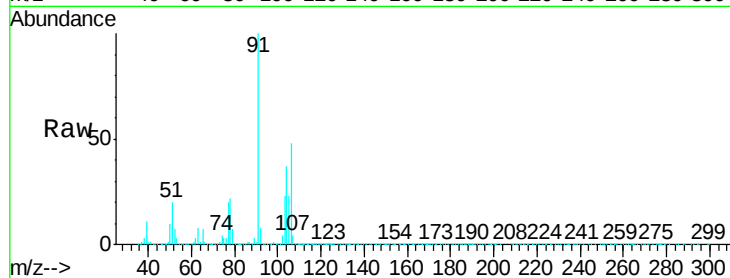
#69
o-Xylene
Concen: 50.602 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 668175
Ion Ratio Lower Upper
106 100
91 208.9 105.7 317.0

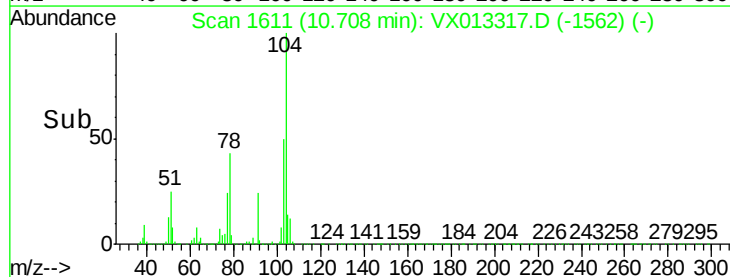
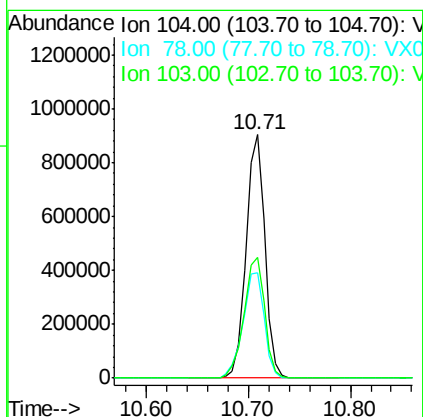
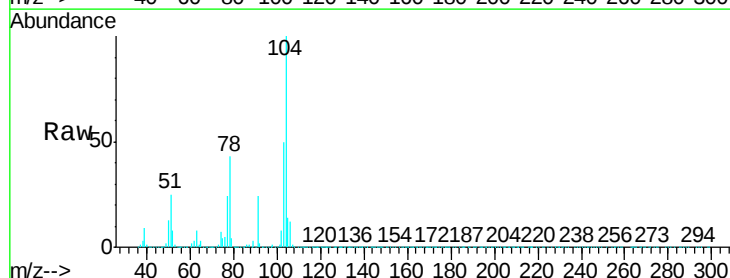
Manual Integrations
APPROVED

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#70
Styrene
Concen: 52.169 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion:104 Resp: 1151503
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 54.7 44.1 66.1





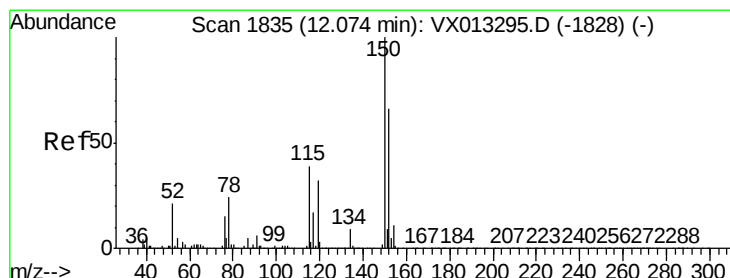
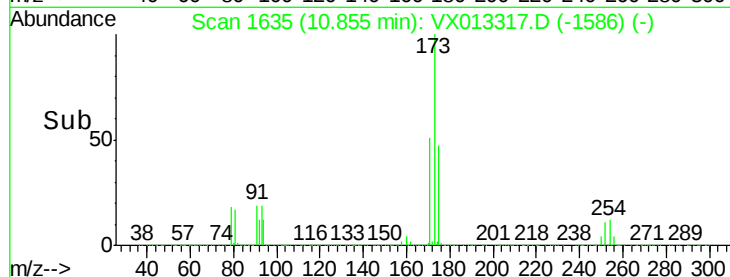
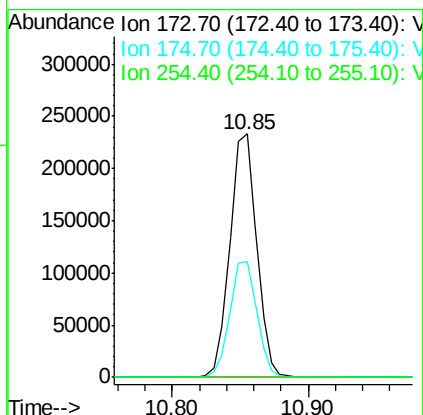
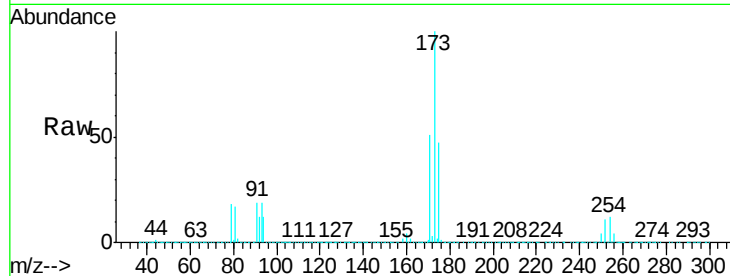
#71
Bromoform
Concen: 45.833 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.8	74.4
254	0.3	0.2	0.2#

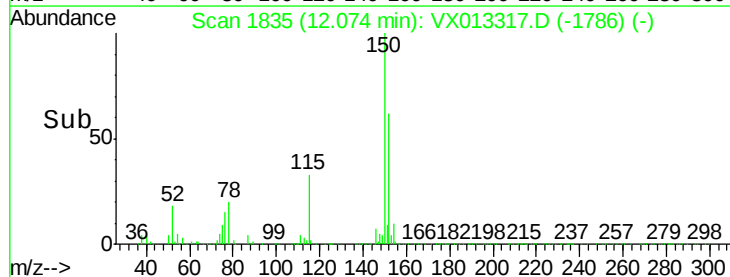
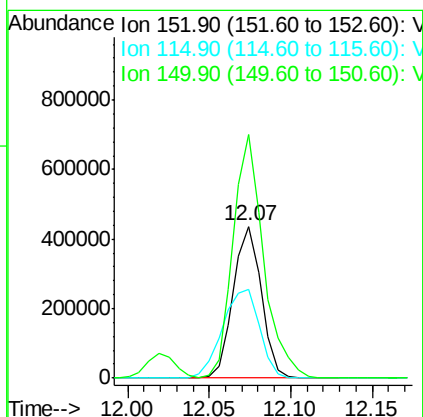
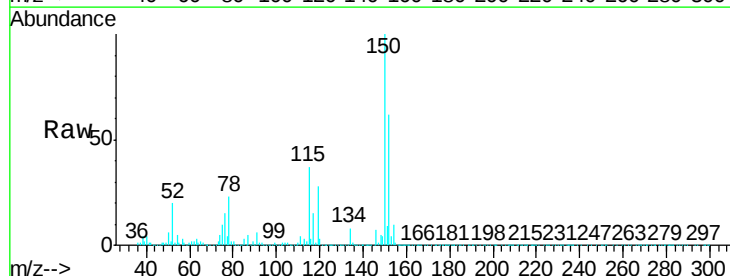
Manual Integrations
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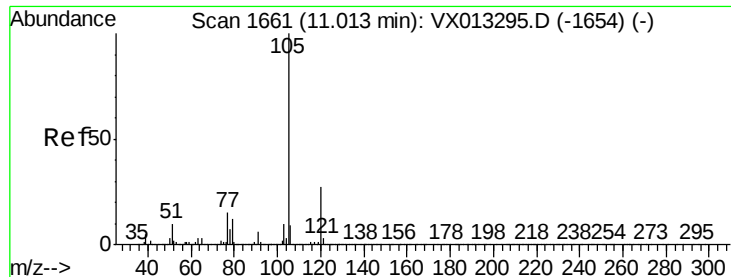
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.5	39.5	118.3
150	173.2	0.0	344.4





#73

Isopropylbenzene

Concen: 50.831 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1763026

Ion Ratio Lower Upper

105 100

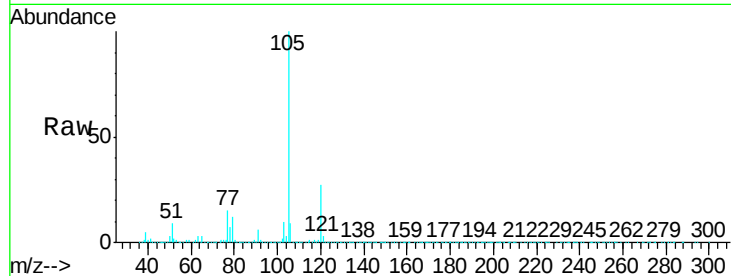
120 26.9

13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

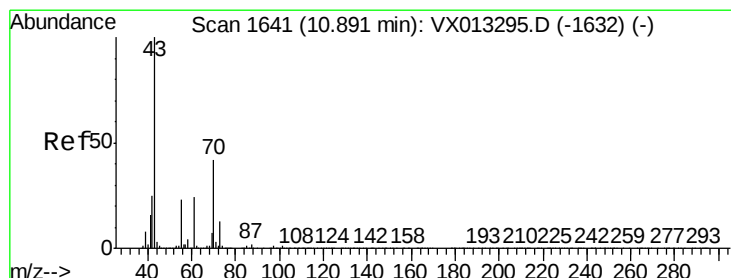
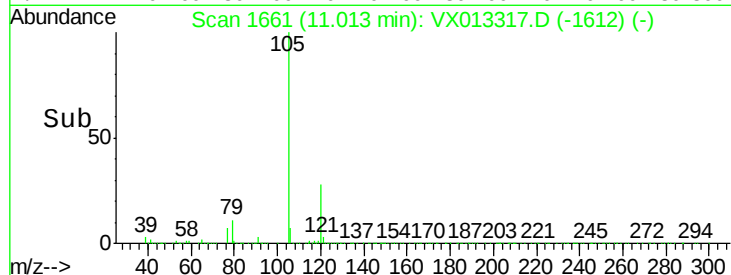
1500000

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 52.196 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion: 43 Resp: 839517

Ion Ratio Lower Upper

43 100

70 43.4

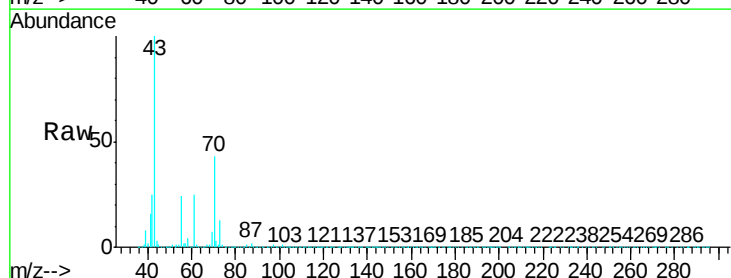
55 23.9

61 24.7

34.1 51.1

18.9 28.3

19.2 28.8



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

1000000

800000

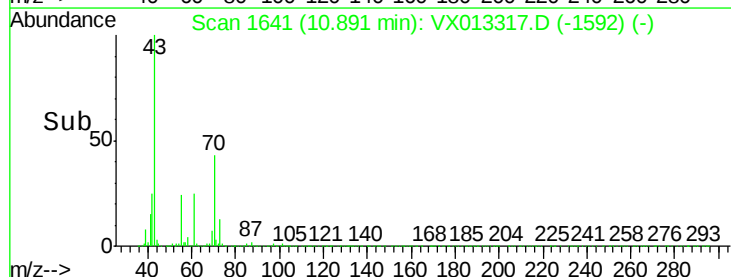
600000

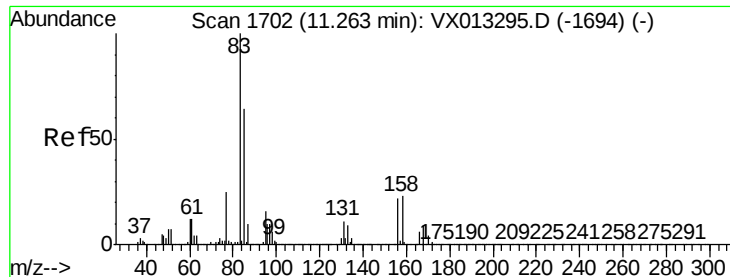
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.268 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 623399

Ion Ratio Lower Upper

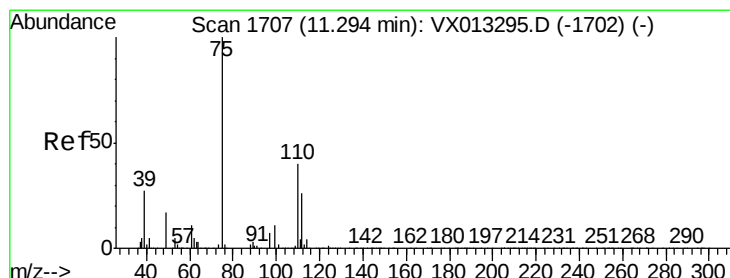
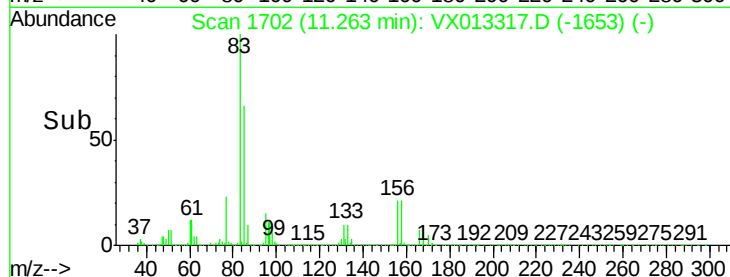
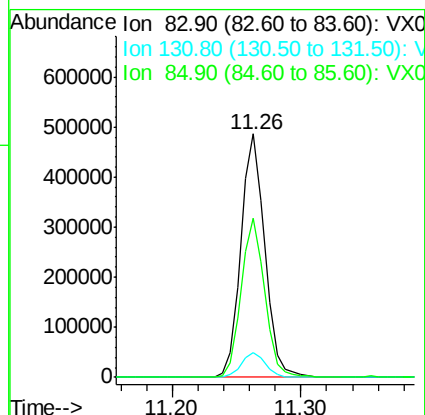
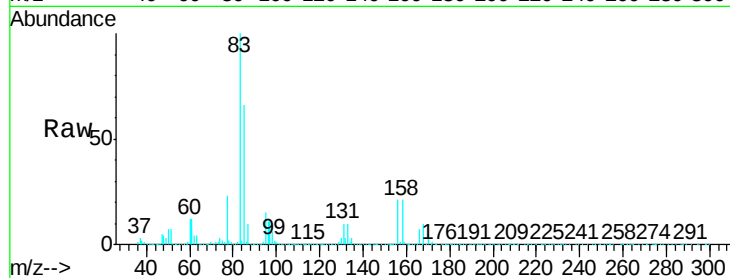
83 100

131 10.3 5.1 15.3

85 64.9 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.818 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013317.D

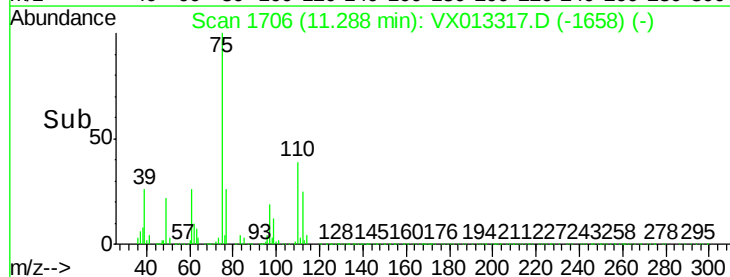
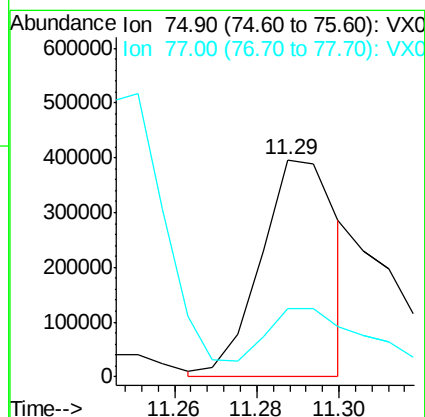
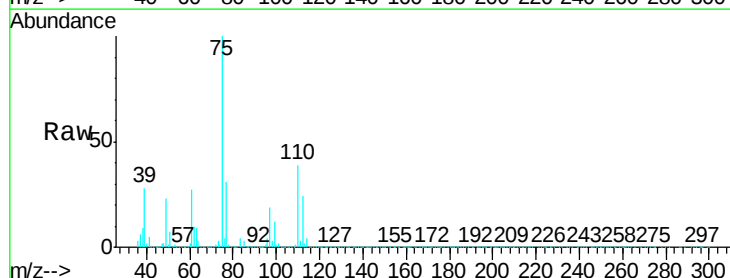
Acq: 01 Nov 2019 17:29

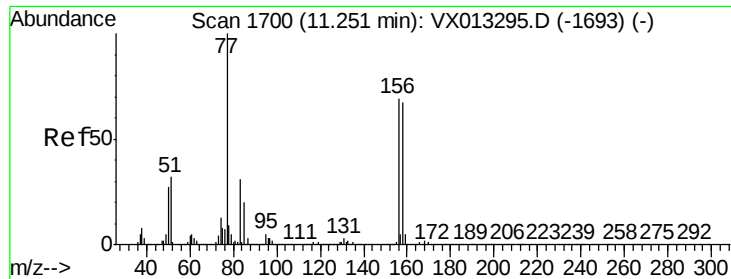
Tgt Ion: 75 Resp: 508087

Ion Ratio Lower Upper

75 100

77 43.4 22.3 66.8





#77

Bromobenzene

Concen: 50.616 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

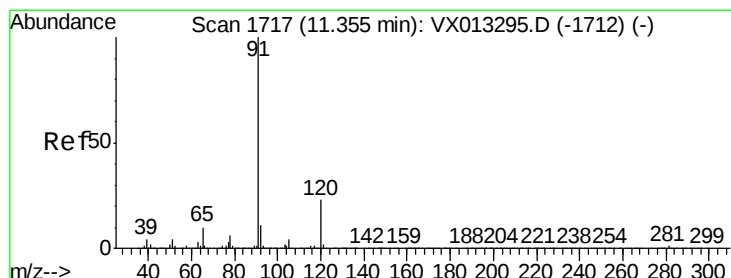
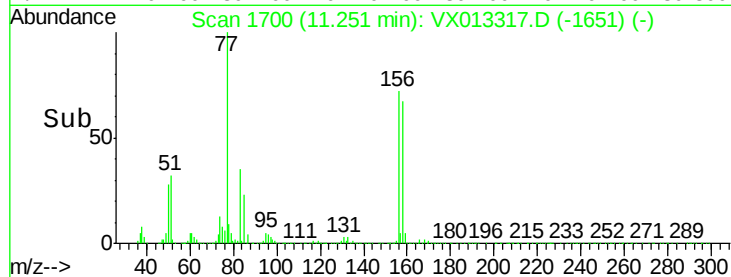
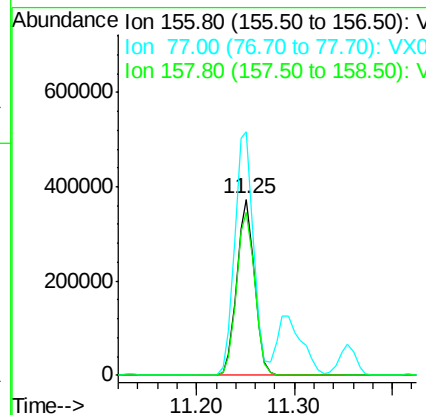
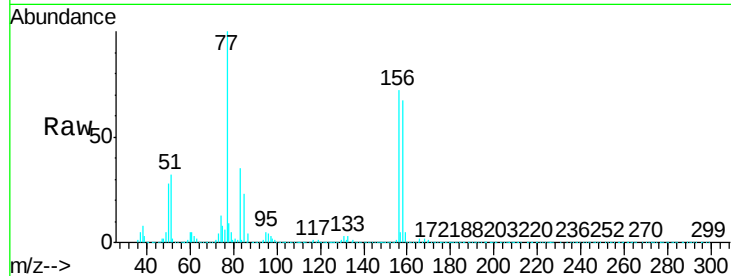
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	468018
Ion Ratio	Lower	Upper	
156	100		
77	148.0	75.8	227.4
158	95.8	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.213 ug/l

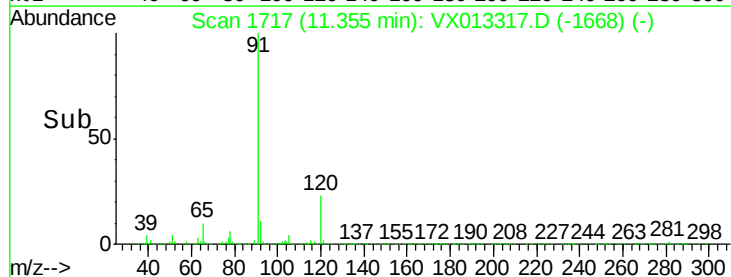
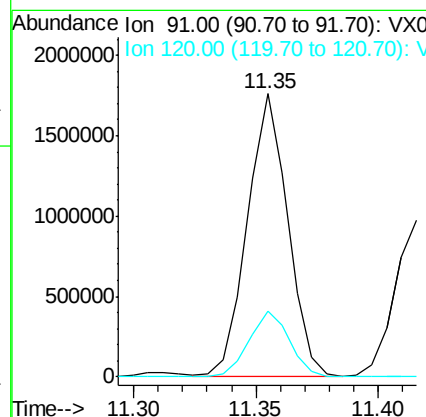
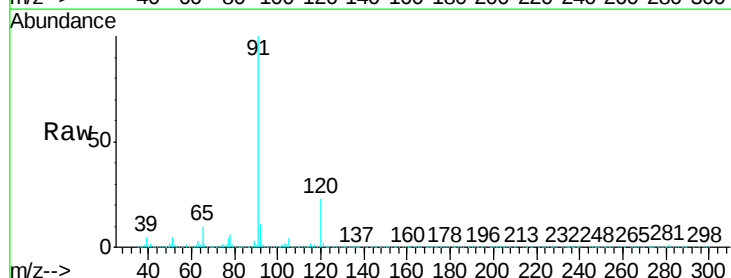
RT: 11.35 min Scan# 1717

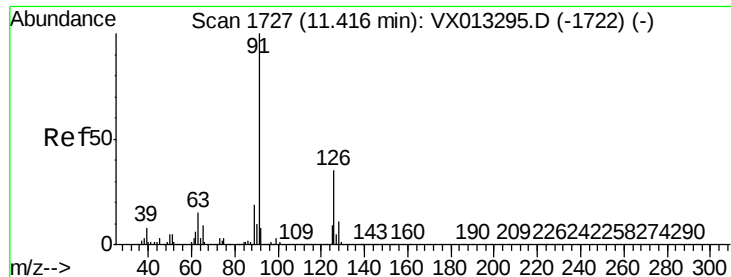
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion:	91	Resp:	2017328
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.8





#79

2-Chlorotoluene

Concen: 50.923 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1185394

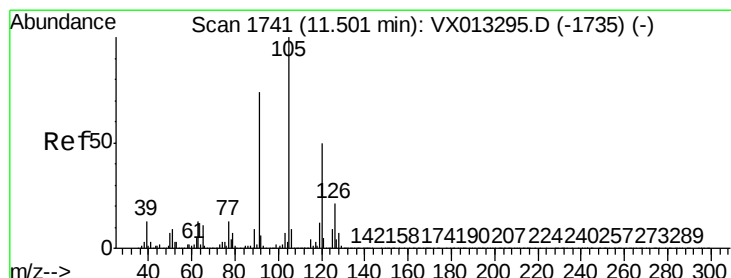
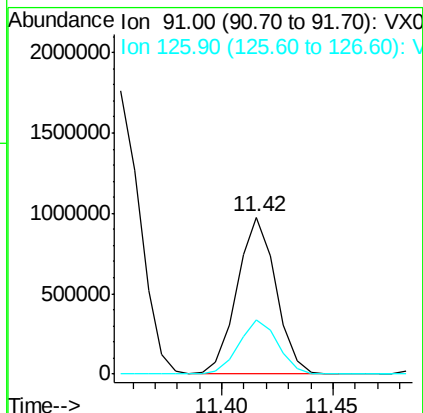
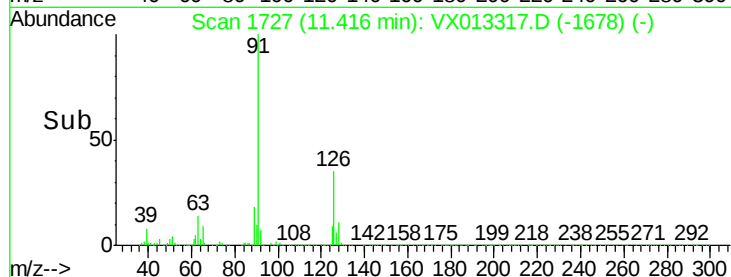
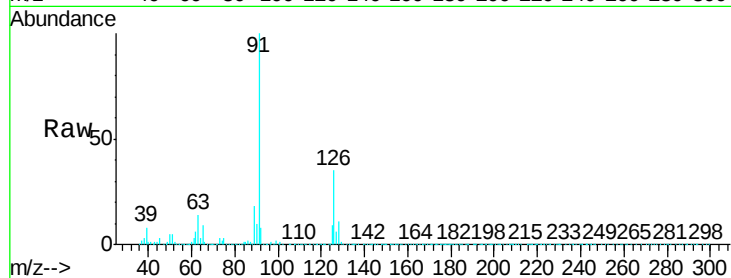
Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 51.580 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013317.D

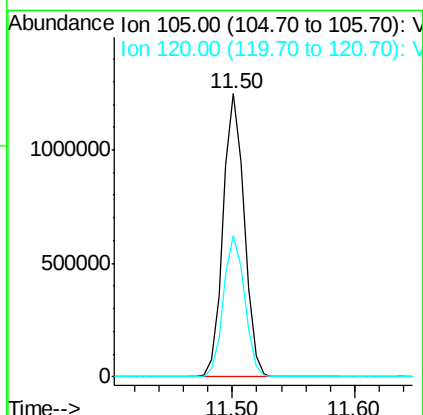
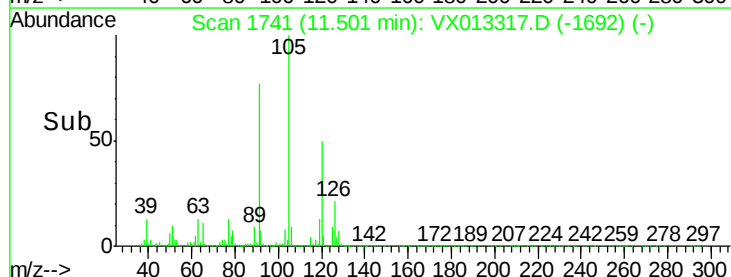
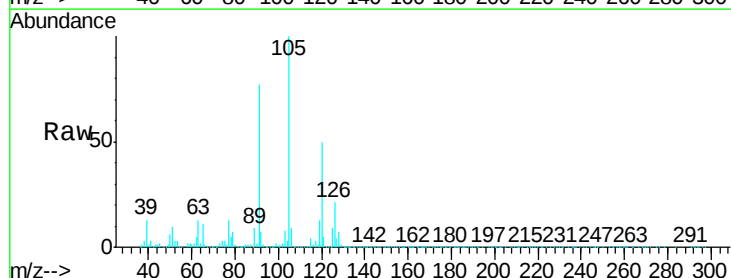
Acq: 01 Nov 2019 17:29

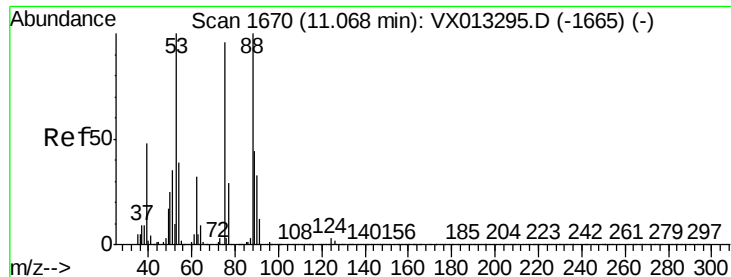
Tgt Ion: 105 Resp: 1490143

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.8





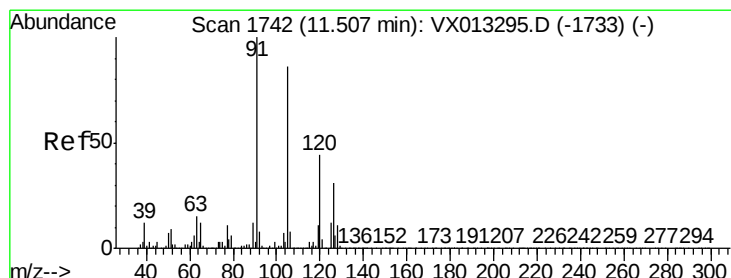
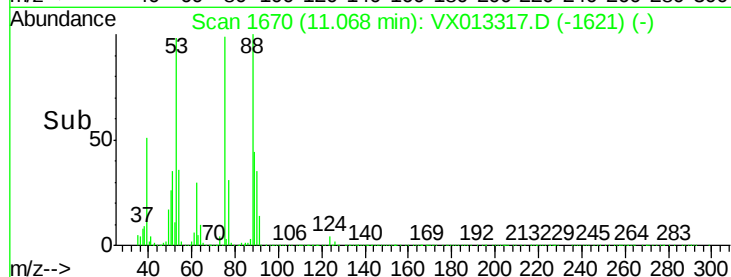
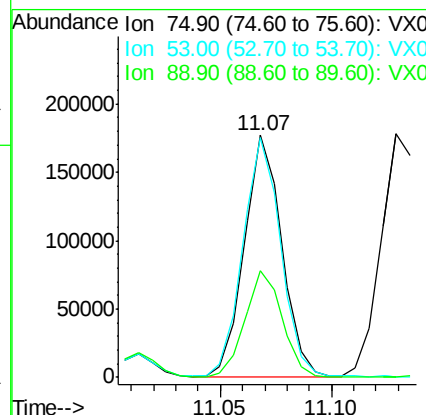
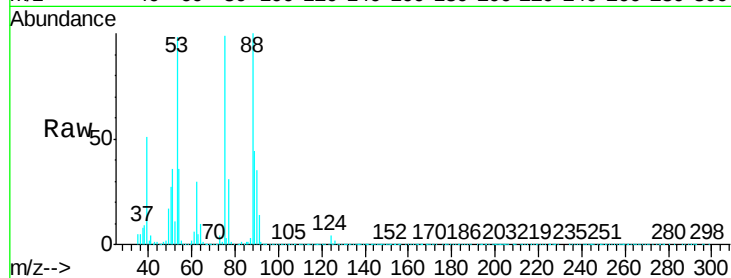
#81
trans-1,4-Dichloro-2-butene
Concen: 50.532 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.7	81.0	121.6
89	43.7	36.0	54.0

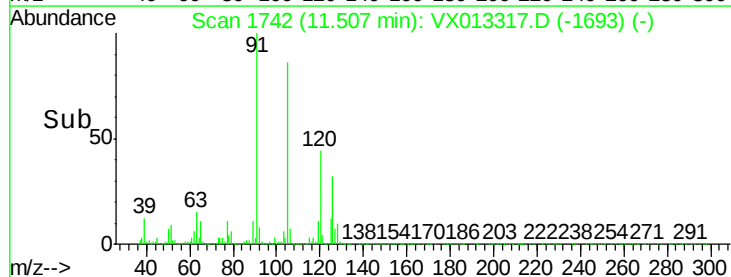
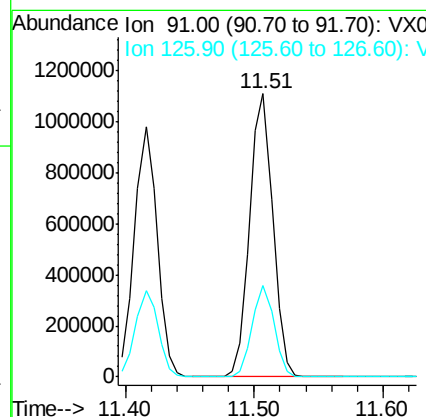
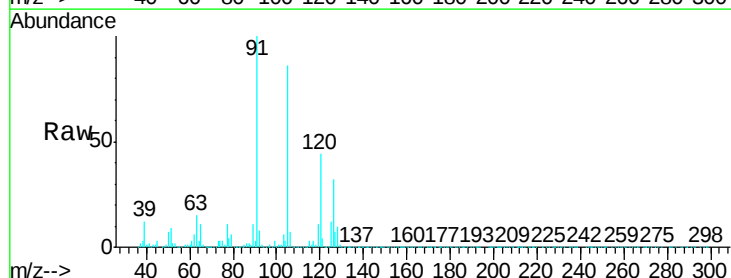
Manual Integrations
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#82
4-Chlorotoluene
Concen: 50.232 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.3	45.8





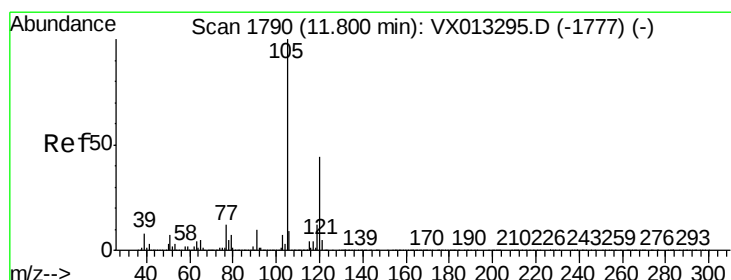
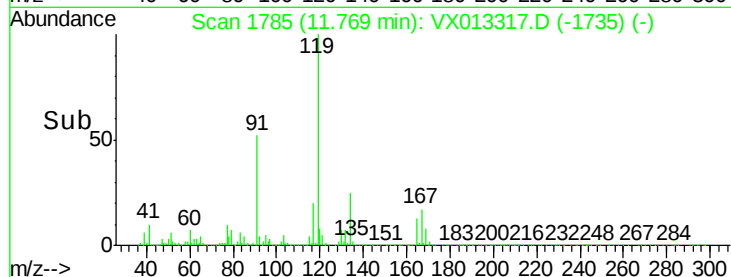
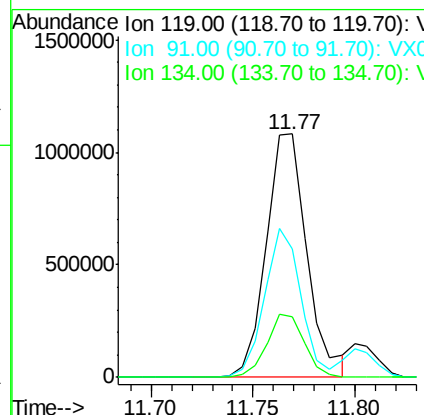
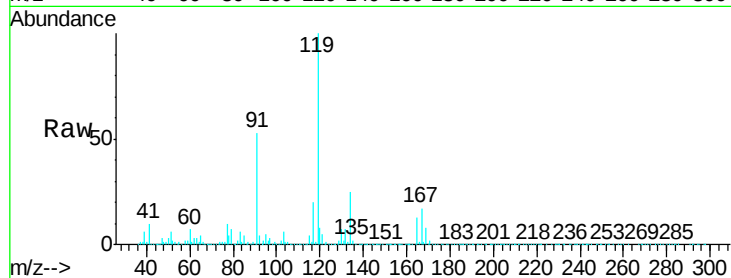
#83
tert-Butylbenzene
Concen: 51.818 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.2	26.9	80.7
134	24.0	11.7	35.1

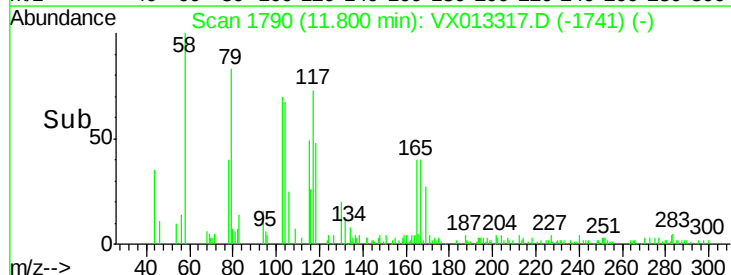
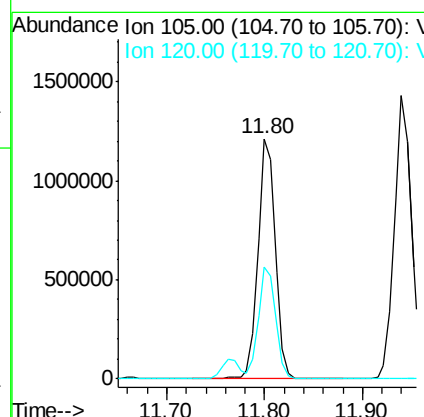
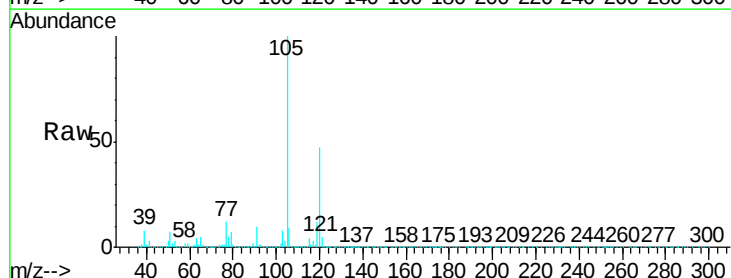
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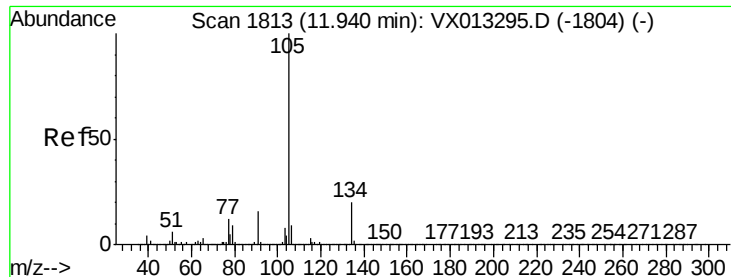
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#84
1,2,4-Trimethylbenzene
Concen: 51.141 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1





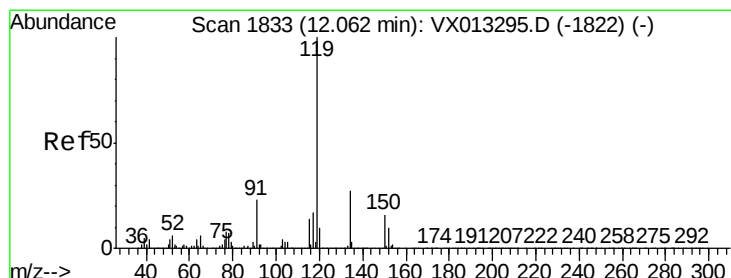
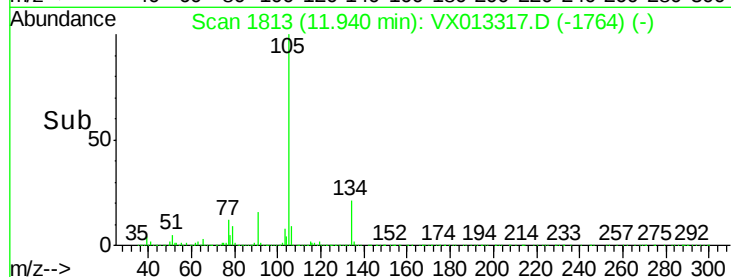
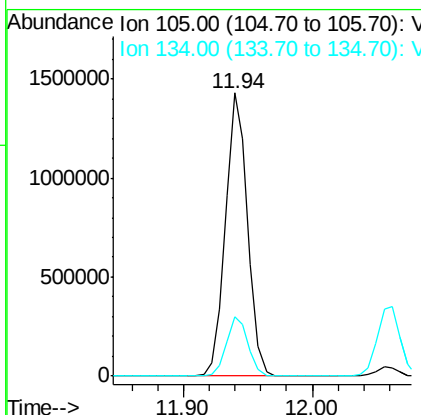
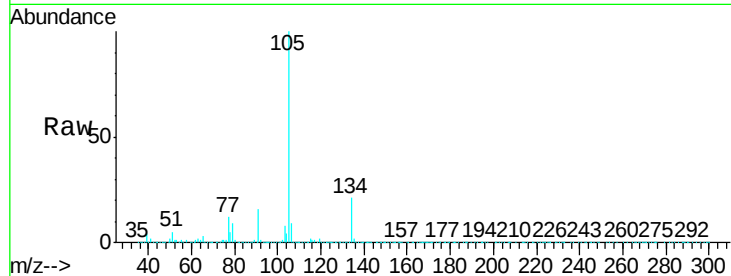
#85
 sec-Butylbenzene
 Concen: 51.364 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1716784
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9

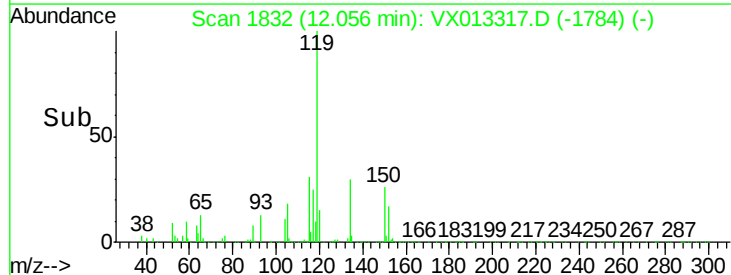
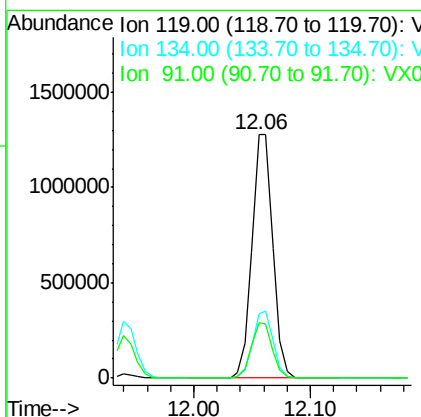
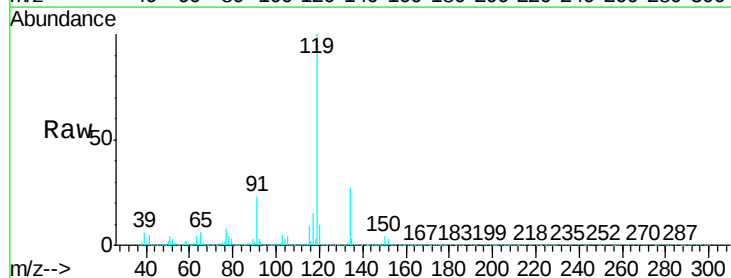
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 51.812 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion:119 Resp: 1594649
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 49.969 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013317.D

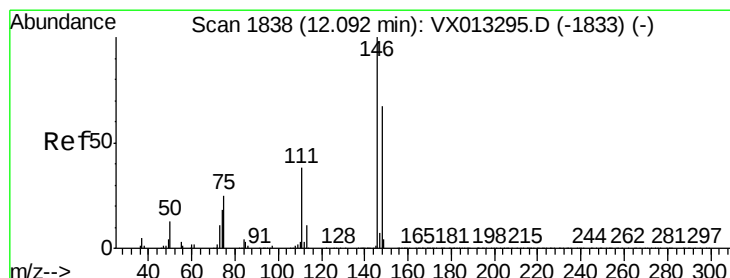
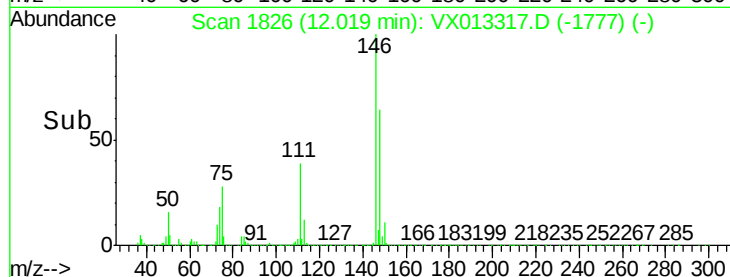
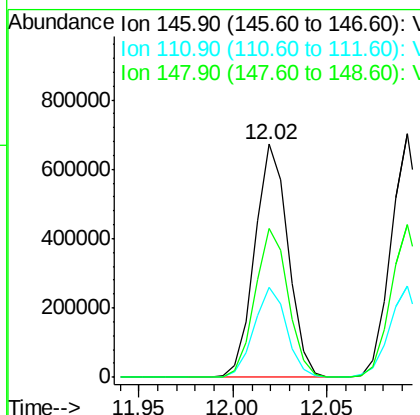
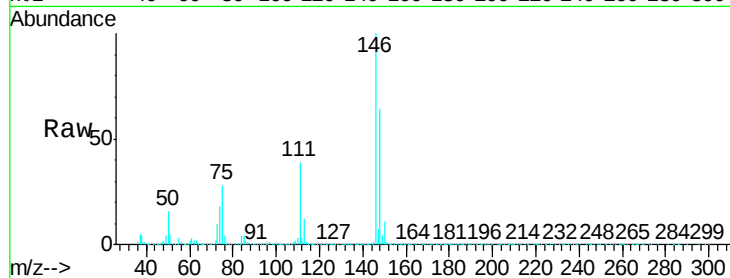
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	823578		
111	37.9	18.9	56.5	
148	63.5	31.9	95.7	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.359 ug/l

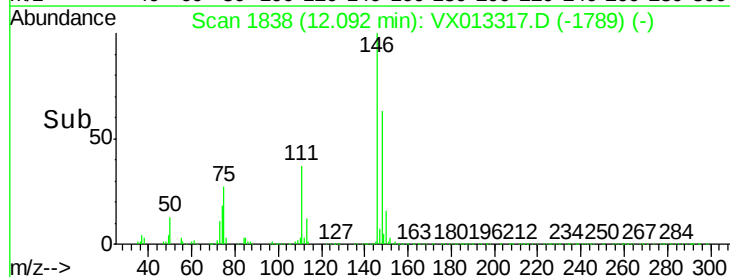
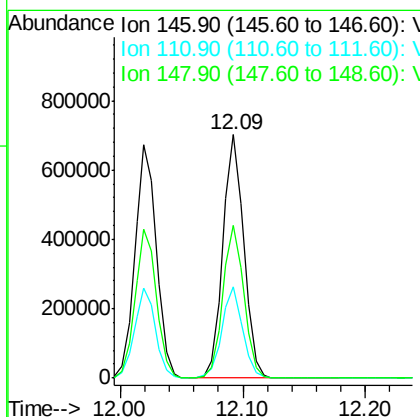
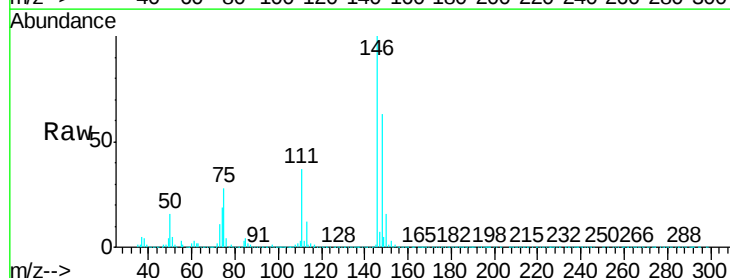
RT: 12.09 min Scan# 1838

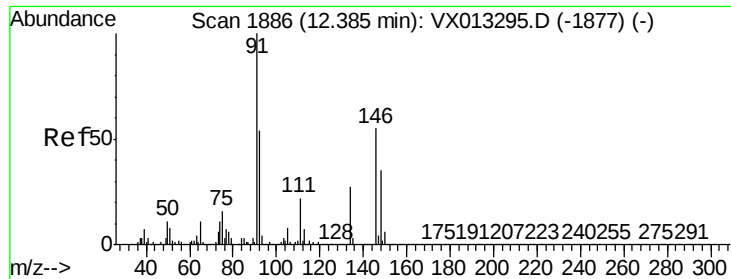
Delta R.T. -0.00 min

Lab File: VX013317.D

Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	828855		
111	37.1	18.8	56.4	
148	63.1	32.4	97.0	





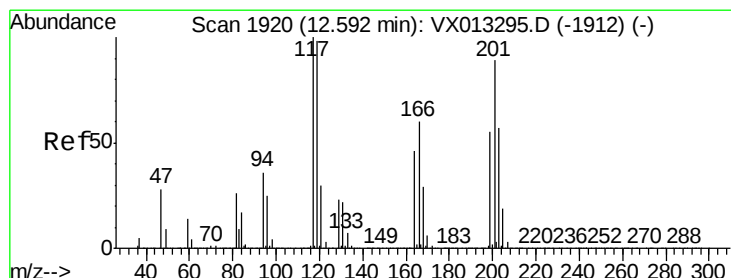
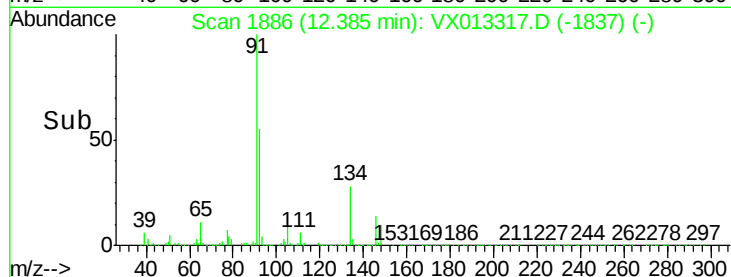
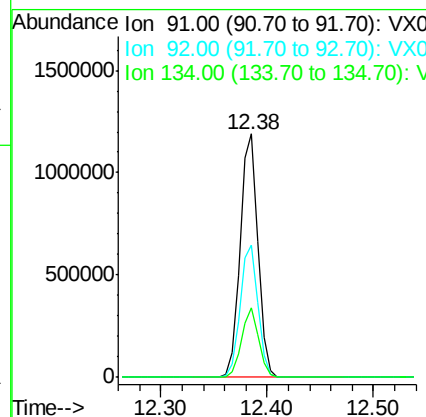
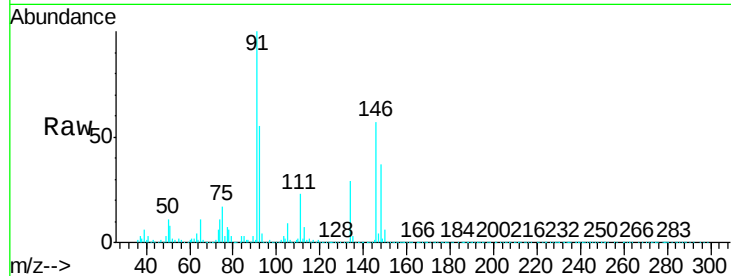
#89
n-Butylbenzene
Concen: 51.710 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1388710
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.8
134 27.4 13.5 40.5

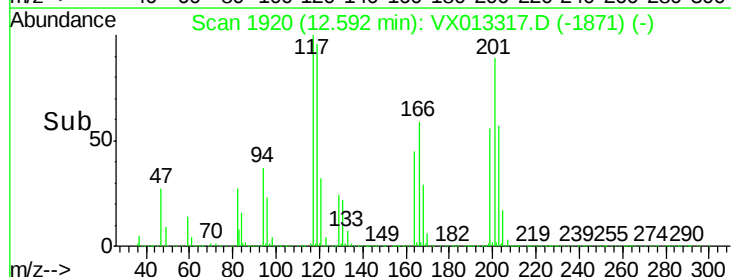
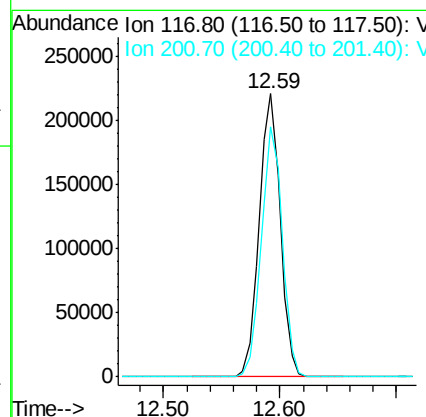
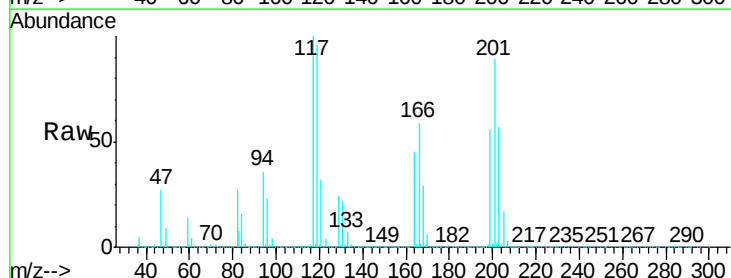
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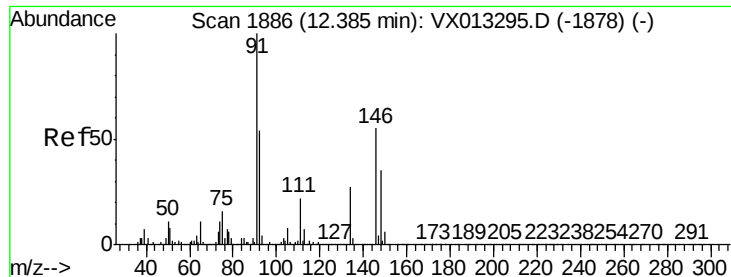
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#90
Hexachloroethane
Concen: 50.935 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion: 117 Resp: 279311
Ion Ratio Lower Upper
117 100
201 88.6 43.9 131.7





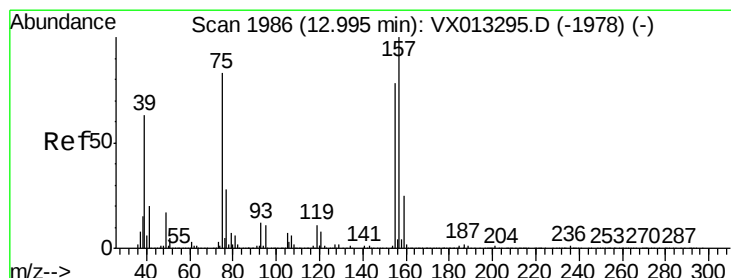
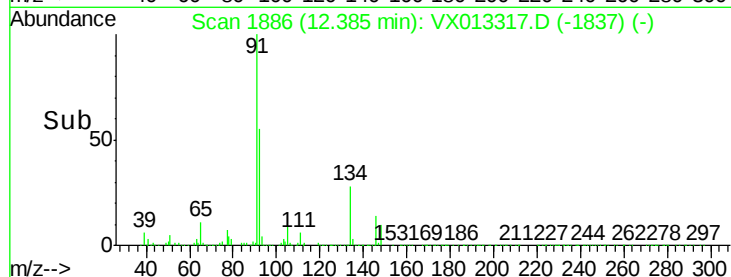
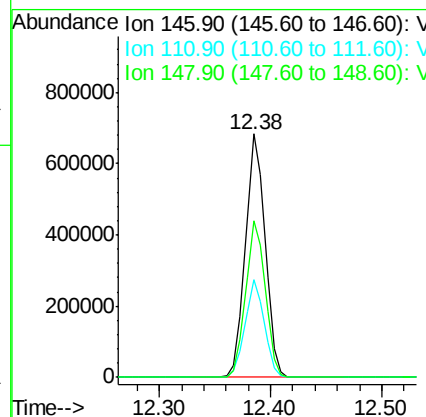
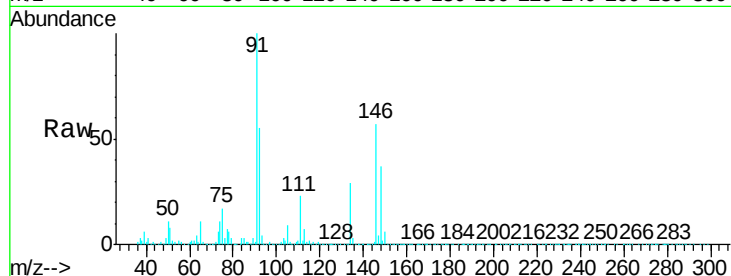
#91
 1,2-Dichlorobenzene
 Concen: 50.952 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	839443		
111	39.0	20.1	60.2	
148	63.9	32.0	96.0	

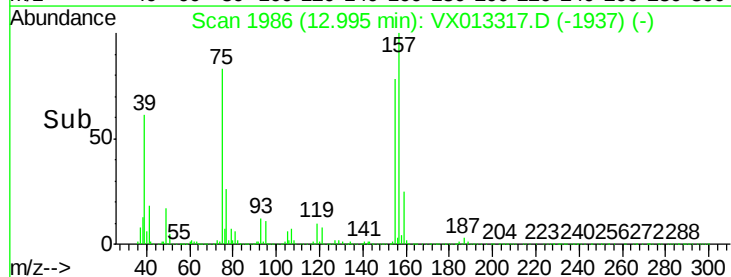
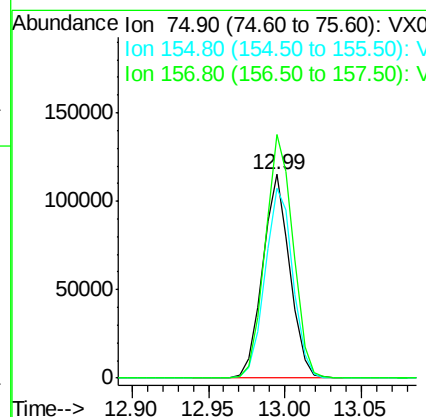
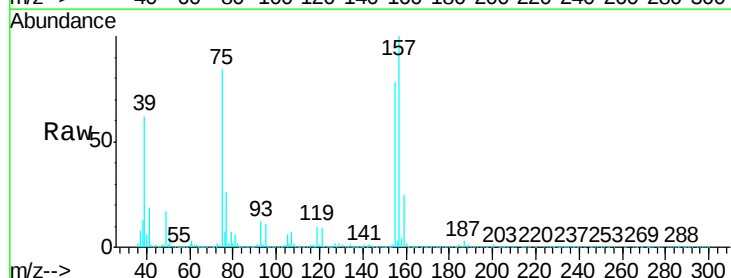
Manual Integrations
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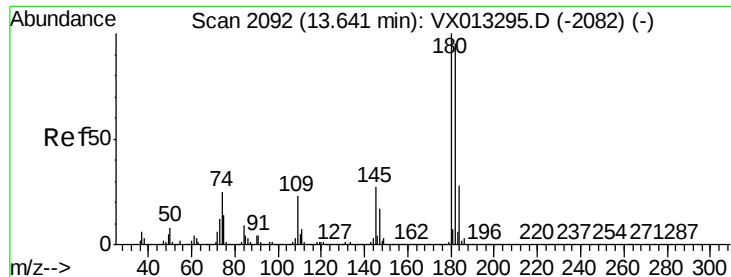
MMDadoda
 11/4/2019 1:30:26 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.211 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142458		
155	95.7	47.1	141.4	
157	122.3	61.3	183.8	





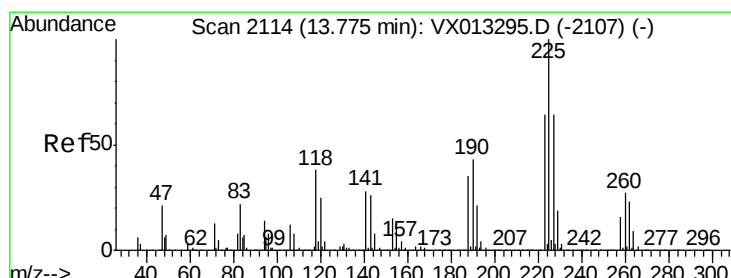
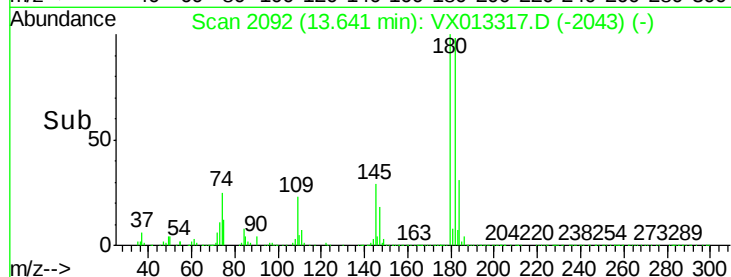
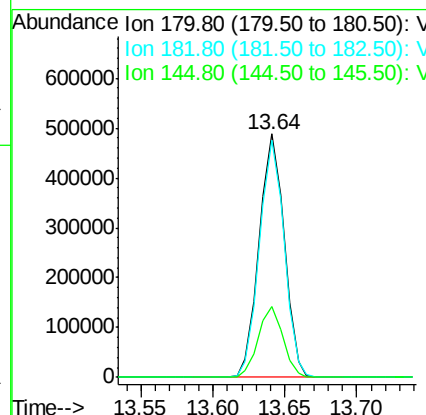
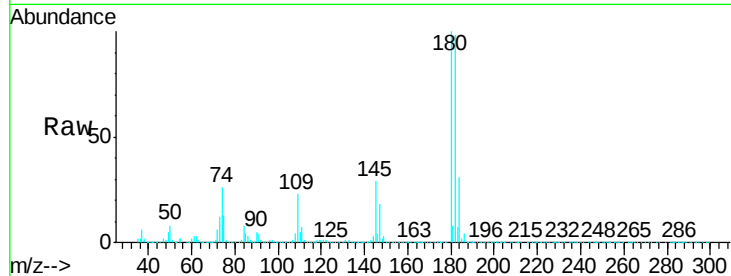
#93
 1,2,4-Trichlorobenzene
 Concen: 50.956 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.2	48.4	145.0
145	28.6	14.1	42.4

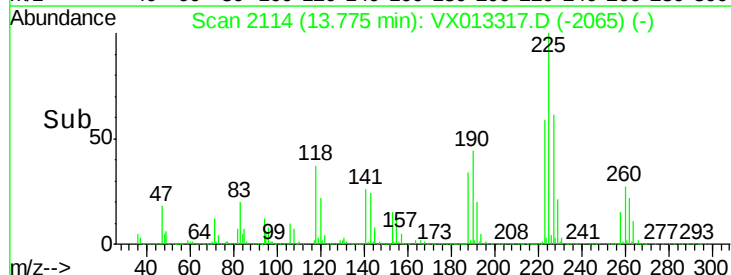
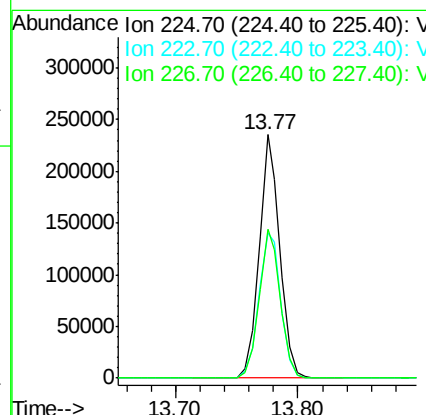
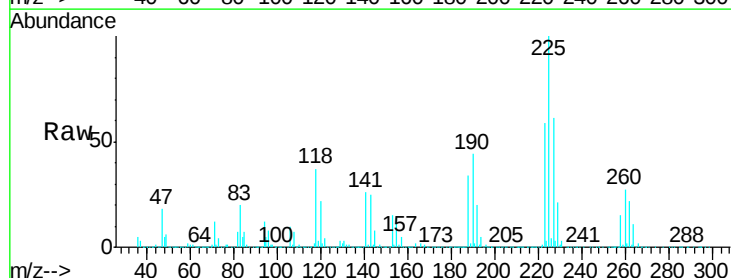
Manual Integrations
 APPROVED

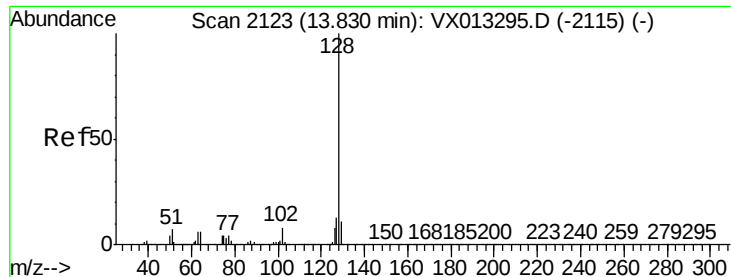
MMDadoda
 11/4/2019 1:30:26 PM



#94
 Hexachlorobutadiene
 Concen: 49.092 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013317.D
 Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.9	31.9	95.7
227	62.7	31.9	95.9





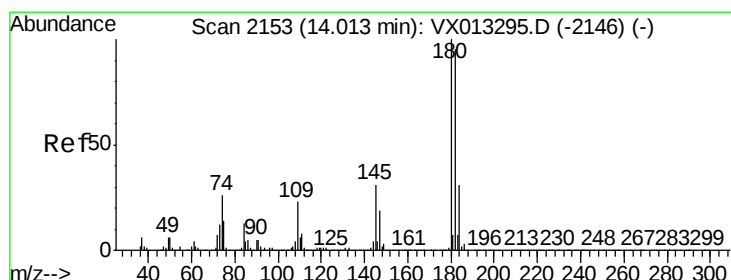
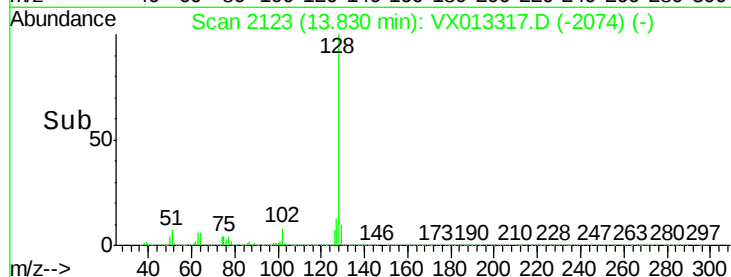
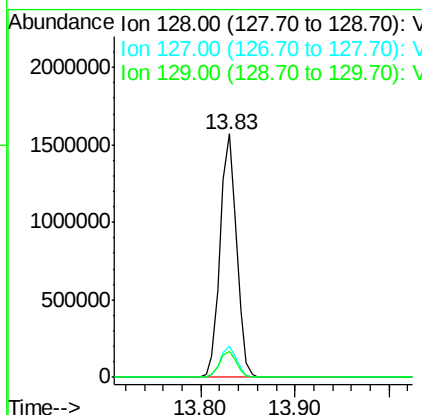
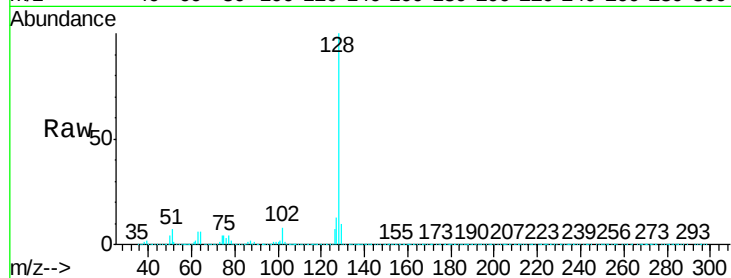
#95
Naphthalene
Concen: 52.786 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/4/2019 1:30:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.936 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013317.D
Acq: 01 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	29.9	15.4	46.4

