

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011737.D
 Acq On : 21 Aug 2019 17:28
 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
 8/22/2019 10:01:20 AM

Quant Time: Aug 22 04:08:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	362993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	492095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	463139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	167559	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	158520	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	497131	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	209459	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	183150	51.331	ug/l	98
3) Chloromethane	1.32	50	144942	39.112	ug/l	99
4) Vinyl Chloride	1.40	62	147579	44.085	ug/l	99
5) Bromomethane	1.63	94	73064	48.710	ug/l	97
6) Chloroethane	1.71	64	88427	55.812	ug/l	99
7) Trichlorofluoromethane	1.92	101	246280	53.114	ug/l	98
8) Diethyl Ether	2.18	74	81922	51.505	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	147963	46.200	ug/l	97
10) Methyl Iodide	2.50	142	164830	36.128	ug/l	96
11) Tert butyl alcohol	3.04	59	206463	250.002	ug/l	98
12) 1,1-Dichloroethene	2.36	96	142041	45.892	ug/l	99
13) Acrolein	2.29	56	70895	277.580	ug/l	99
14) Allyl chloride	2.72	41	227897	44.263	ug/l	93
15) Acrylonitrile	3.14	53	471454	249.431	ug/l	100
16) Acetone	2.43	43	392439	231.852	ug/l	98
17) Carbon Disulfide	2.56	76	303481	41.612	ug/l	100
18) Methyl Acetate	2.76	43	259770	49.485	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	538897	53.461	ug/l	98
20) Methylene Chloride	2.85	84	165989	46.706	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	162095	49.421	ug/l	97
22) Diisopropyl ether	3.85	45	520695	50.782	ug/l	99
23) Vinyl Acetate	3.81	43	2090970	257.525	ug/l	99
24) 1,1-Dichloroethane	3.69	63	291300	50.248	ug/l	99
25) 2-Butanone	4.66	43	679181	255.592	ug/l	97
26) 2,2-Dichloropropane	4.57	77	222158	50.916	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	190599	49.849	ug/l	99
28) Bromochloromethane	5.01	49	125233	49.210	ug/l	95
29) Tetrahydrofuran	5.12	42	436036	250.150	ug/l	97
30) Chloroform	5.20	83	315468	51.563	ug/l	98
31) Cyclohexane	5.57	56	239710	48.025	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	280185	53.260	ug/l	99
36) 1,1-Dichloropropene	5.79	75	214604	51.007	ug/l	99
37) Ethyl Acetate	4.82	43	249490	51.556	ug/l	99
38) Carbon Tetrachloride	5.78	117	245398	52.940	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	260888	50.211	ug/l	99
40) Benzene	6.13	78	641085	49.032	ug/l	99
41) Methacrylonitrile	5.03	41	140673	52.817	ug/l	98
42) 1,2-Dichloroethane	6.18	62	246961	54.518	ug/l	98
43) Isopropyl Acetate	6.44	43	384191	50.871	ug/l	99
44) Trichloroethene	7.21	130	200336	51.651	ug/l	98
45) 1,2-Dichloropropane	7.51	63	170187	52.193	ug/l	94
46) Dibromomethane	7.65	93	122172	51.559	ug/l	98
47) Bromodichloromethane	7.90	83	234198	53.829	ug/l	100
48) Methyl methacrylate	7.76	41	199567	53.361	ug/l	98
49) 1,4-Dioxane	7.74	88	101163	1016.974	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1313596	265.736	ug/l	99
52) Toluene	8.78	92	437616	52.537	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	248647	55.067	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	275360	55.724	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	184706	52.144	ug/l	98
56) Ethyl methacrylate	9.18	69	276661	53.737	ug/l	98
57) 1,3-Dichloropropane	9.37	76	288494	51.236	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	690498	269.173	ug/l	100
59) 2-Hexanone	9.49	43	996691	261.461	ug/l	100
60) Dibromochloromethane	9.58	129	202571	54.888	ug/l	98
61) 1,2-Dibromoethane	9.67	107	195096	51.607	ug/l	98
64) Tetrachloroethene	9.34	164	186185	48.996	ug/l	99
65) Chlorobenzene	10.13	112	468760	47.453	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	188667	51.099	ug/l	99
67) Ethyl Benzene	10.25	91	830309	50.364	ug/l	100
68) m/p-Xylenes	10.35	106	642438	101.520	ug/l	97
69) o-Xylene	10.69	106	305350	49.261	ug/l	99
70) Styrene	10.71	104	533713	51.146	ug/l	99
71) Bromoform	10.85	173	165702	46.434	ug/l #	99
73) Isopropylbenzene	11.02	105	853056	51.993	ug/l	99
74) N-amyl acetate	10.90	43	342787	49.162	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	271589	48.119	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	238384m	49.718	ug/l	
77) Bromobenzene	11.25	156	227428	46.590	ug/l	97
78) n-propylbenzene	11.36	91	914642	51.698	ug/l	99
79) 2-Chlorotoluene	11.42	91	559127	51.467	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	718559	52.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	80487	45.880	ug/l	95
82) 4-Chlorotoluene	11.51	91	654053	51.894	ug/l	98
83) tert-Butylbenzene	11.77	119	712499	50.757	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	726085	52.475	ug/l	100
85) sec-Butylbenzene	11.94	105	826033	52.157	ug/l	100
86) p-Isopropyltoluene	12.06	119	772349	51.837	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	411969	49.099	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	422517	49.684	ug/l	99
89) n-Butylbenzene	12.38	91	642710	52.469	ug/l	100
90) Hexachloroethane	12.59	117	125815	53.474	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	425553	50.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	66859	51.778	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	326425	52.014	ug/l	99
94) Hexachlorobutadiene	13.78	225	173746	50.844	ug/l	98
95) Naphthalene	13.83	128	983281	55.422	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	342373	54.089	ug/l	99

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

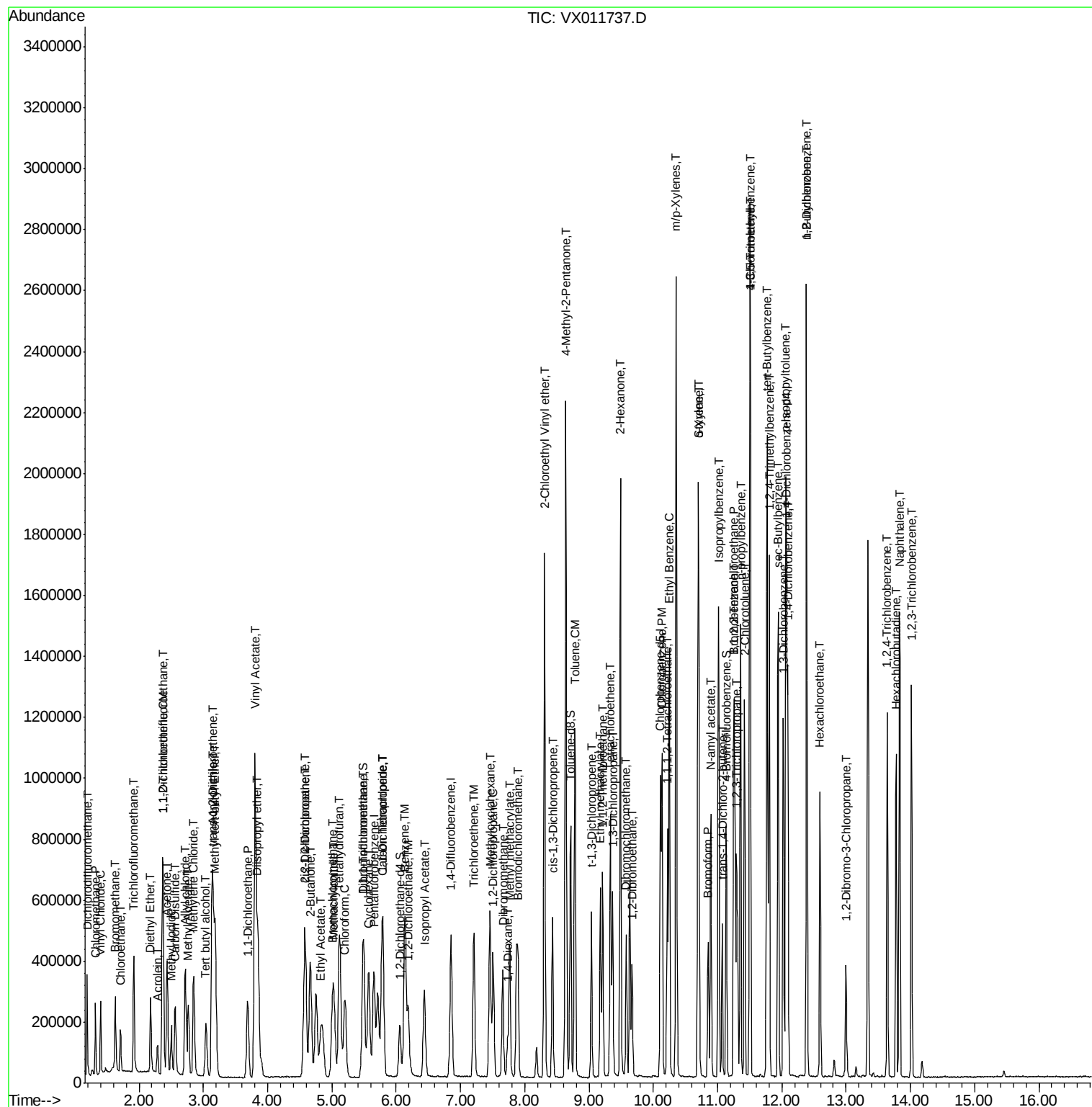
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 Data File : VX011737.D
 Acq On : 21 Aug 2019 17:28
 Operator : JC/SP
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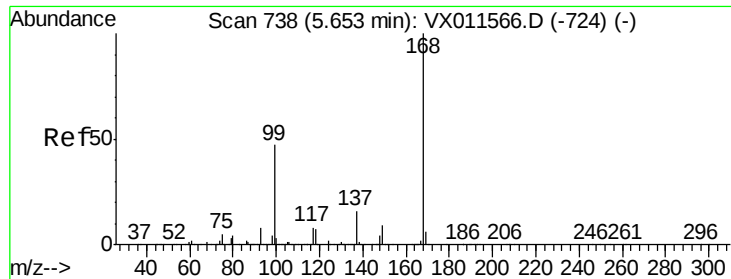
Instrument :
 MSVOA_X
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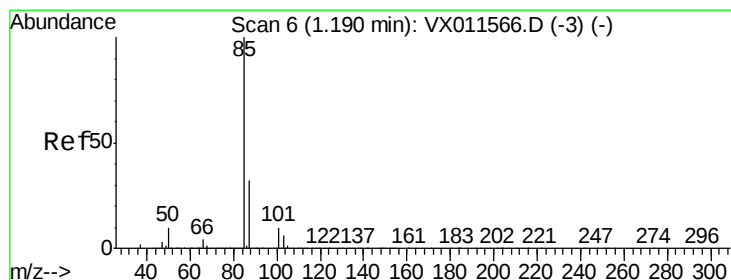
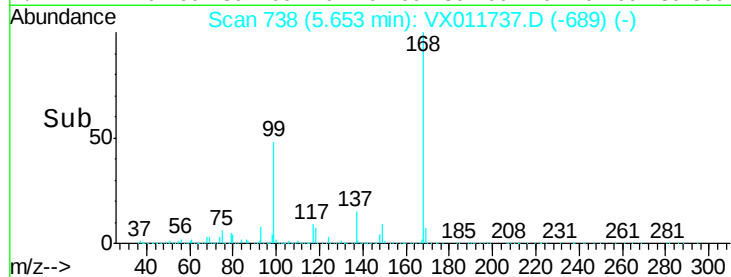
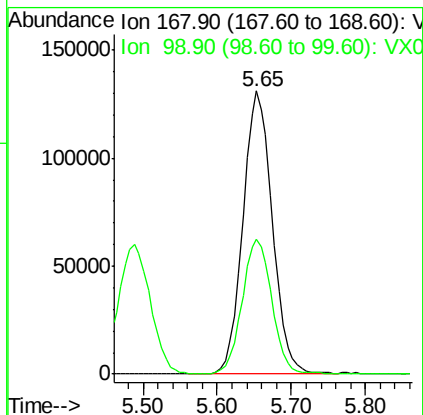
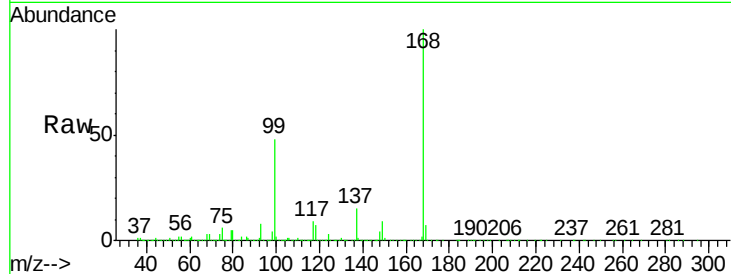
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.3	37.3	55.9

Manual Integrations
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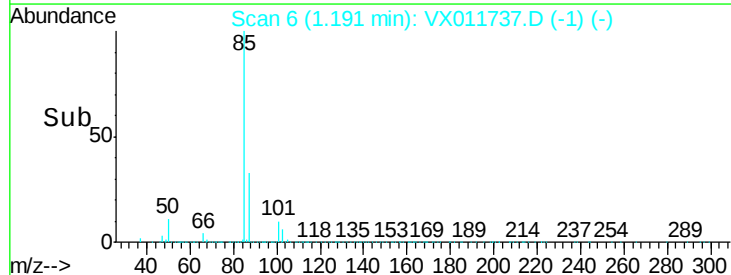
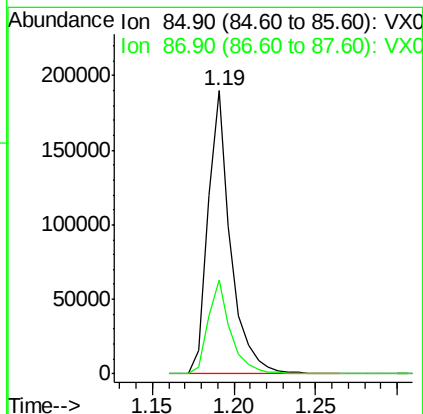
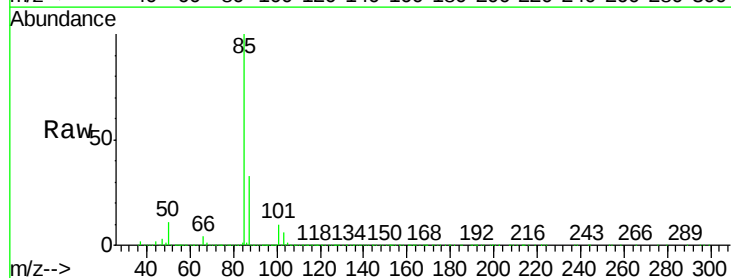
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 8/22/2019 10:01:20 AM

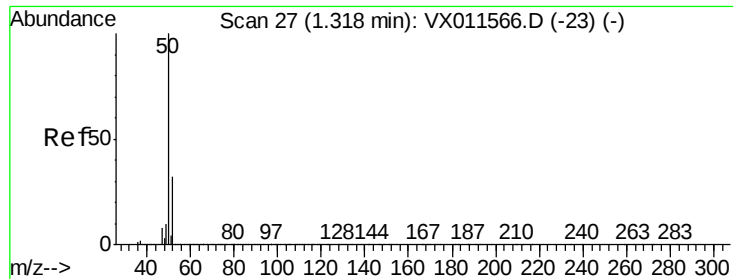


#2

Dichlorodifluoromethane
 Concen: 51.331 ug/l
 RT: 1.19 min Scan# 6
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.1	48.2





#3

Chloromethane

Concen: 39.112 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 144942

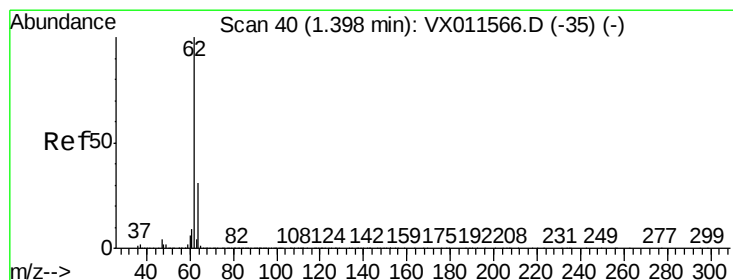
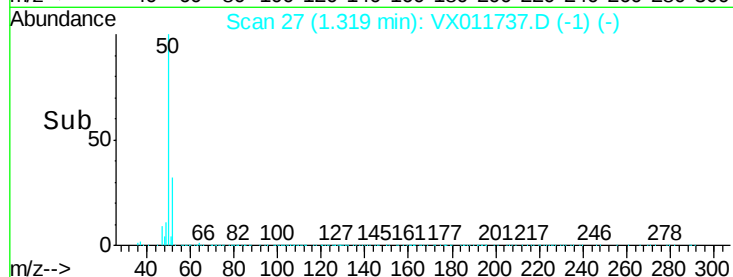
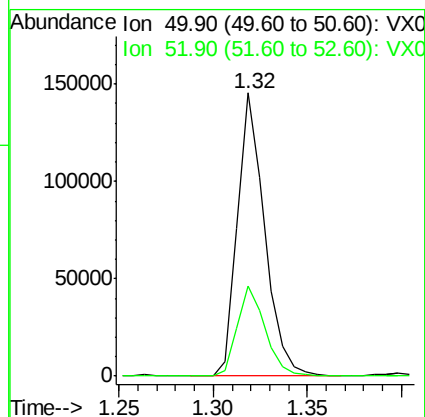
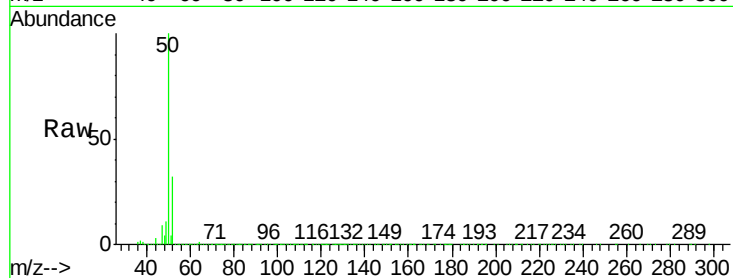
Ion Ratio Lower Upper

50 100

52 31.9 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 44.085 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011737.D

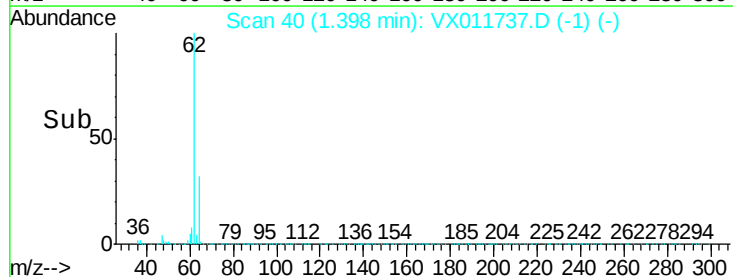
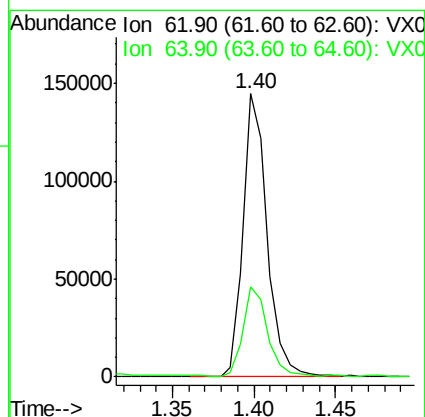
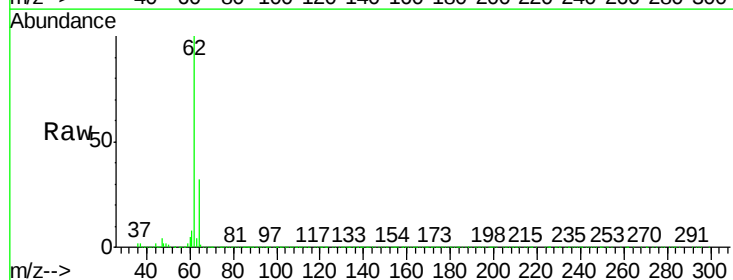
Acq: 21 Aug 2019 17:28

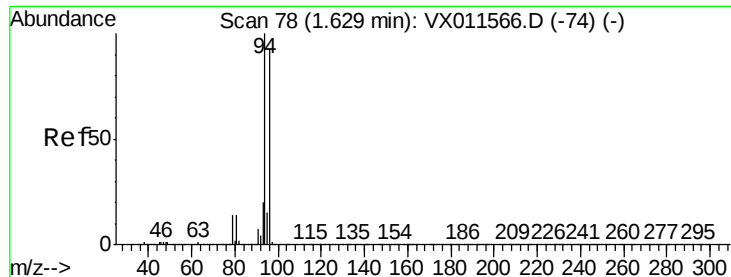
Tgt Ion: 62 Resp: 147579

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.4





#5

Bromomethane

Concen: 48.710 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 73064

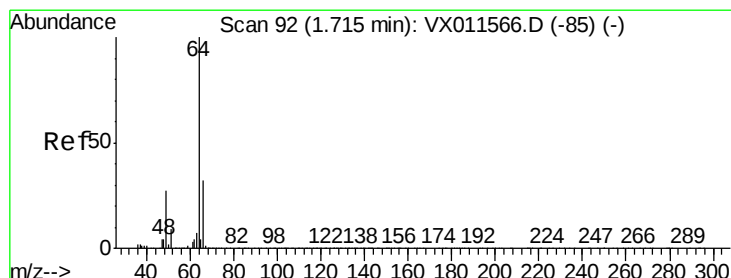
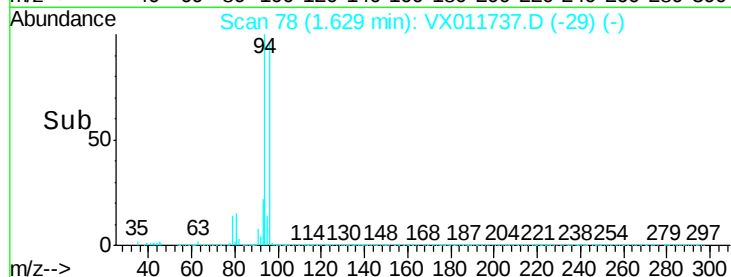
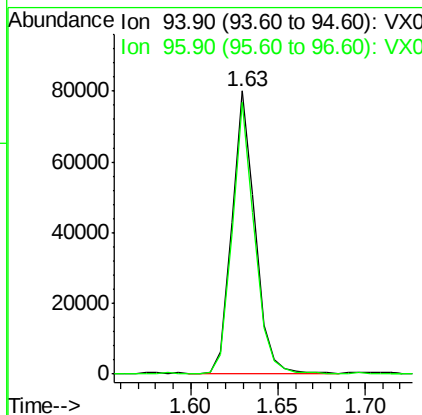
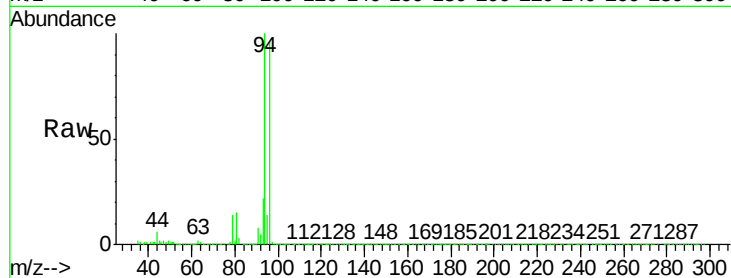
Ion Ratio Lower Upper

94 100

96 96.0 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 55.812 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011737.D

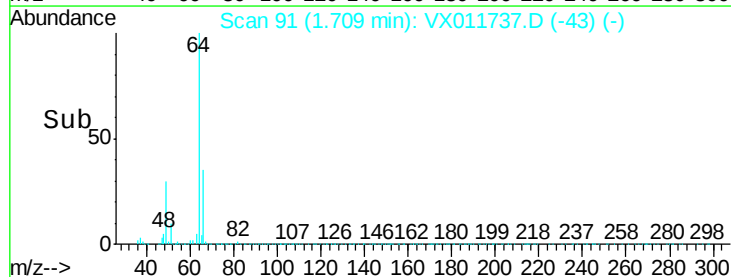
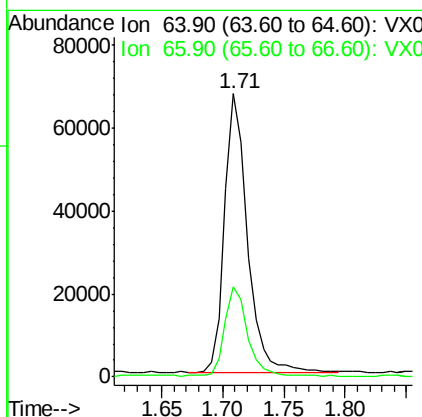
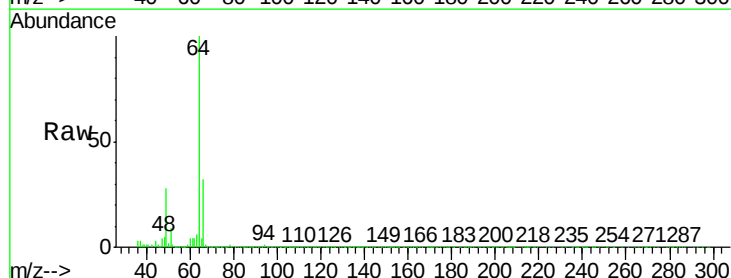
Acq: 21 Aug 2019 17:28

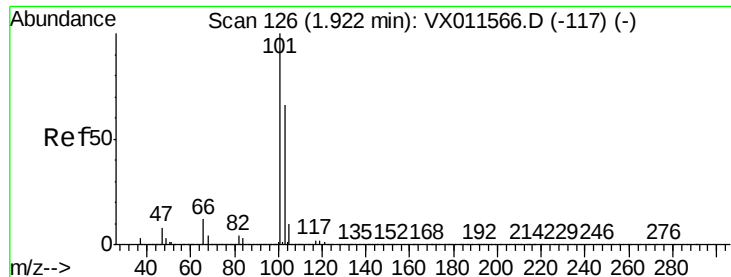
Tgt Ion: 64 Resp: 88427

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9





#7

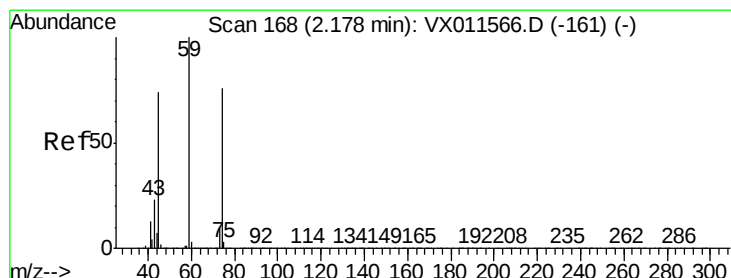
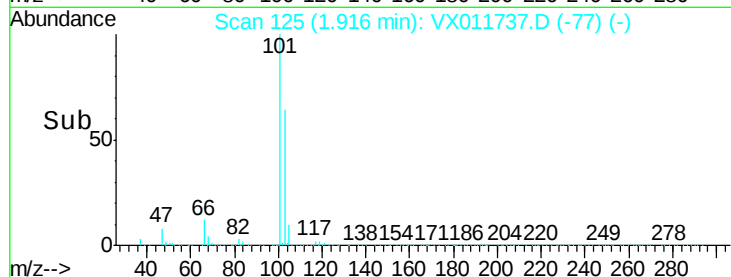
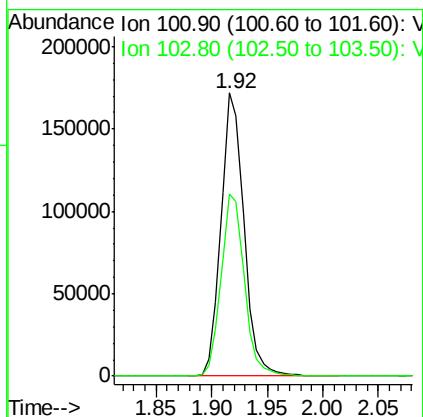
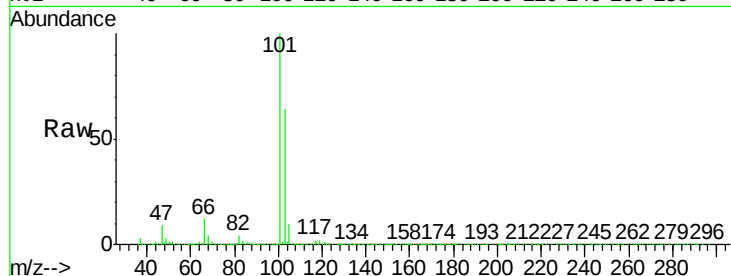
Trichlorofluoromethane
Concen: 53.114 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	246280		
103	64.3	52.9	79.3	

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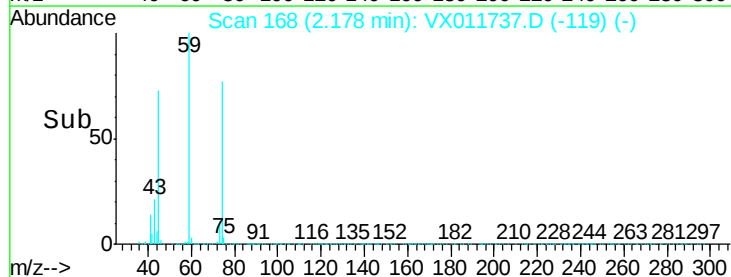
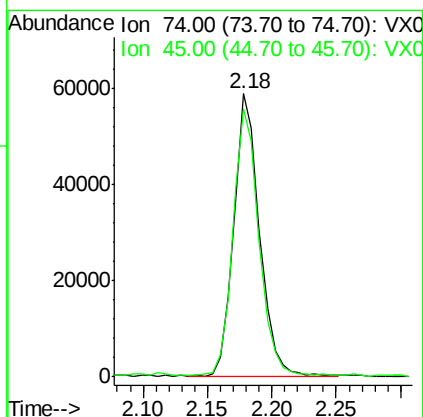
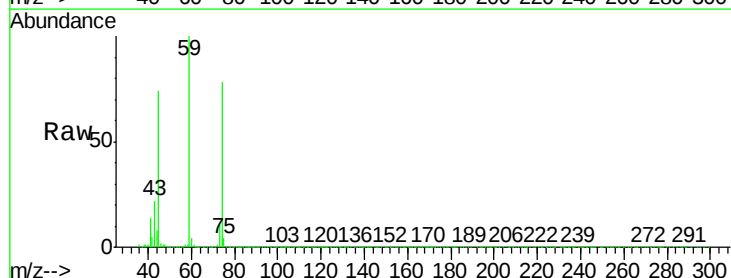
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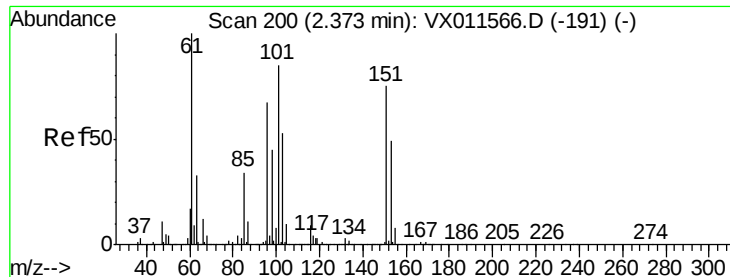


#8

Diethyl Ether
Concen: 51.505 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	81922		
45	95.1	48.2	144.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.200 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

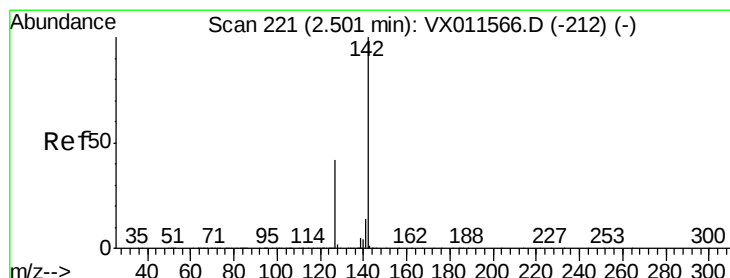
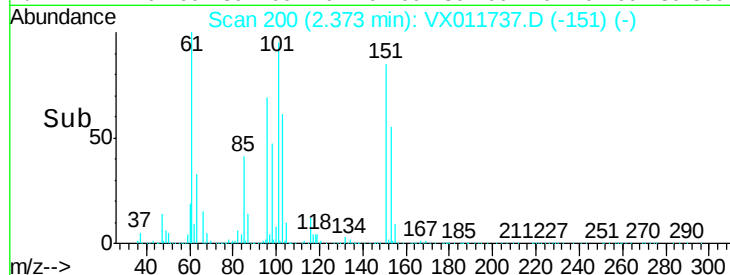
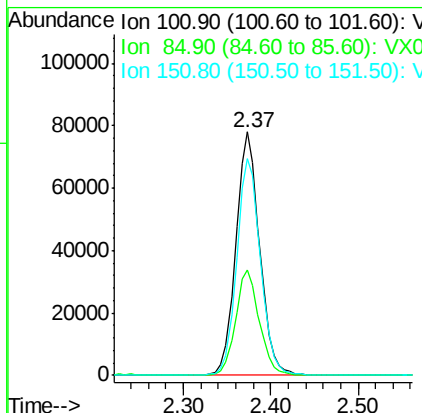
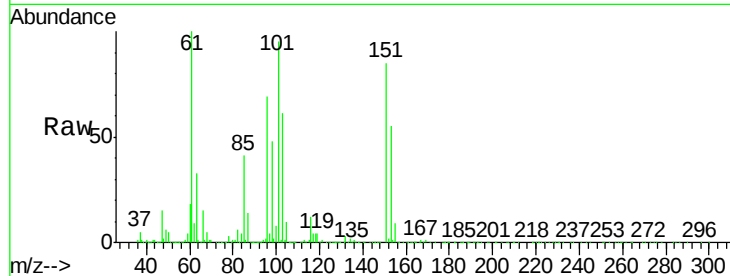
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	147963
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.0	49.4
151	89.0	73.3	109.9

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#10

Methyl Iodide

Concen: 36.128 ug/l

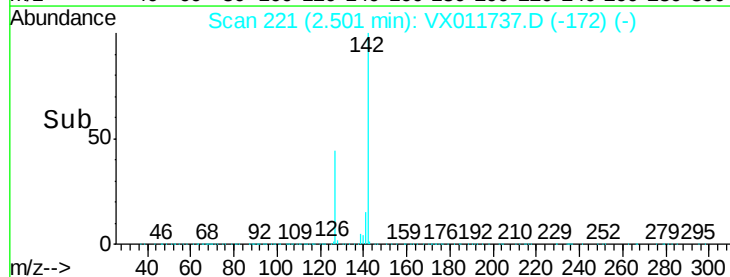
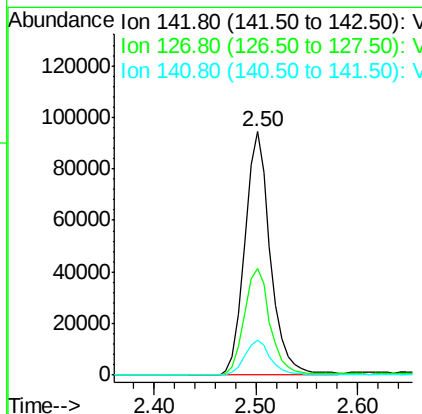
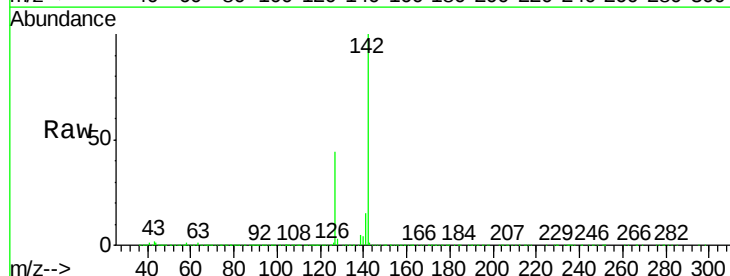
RT: 2.50 min Scan# 221

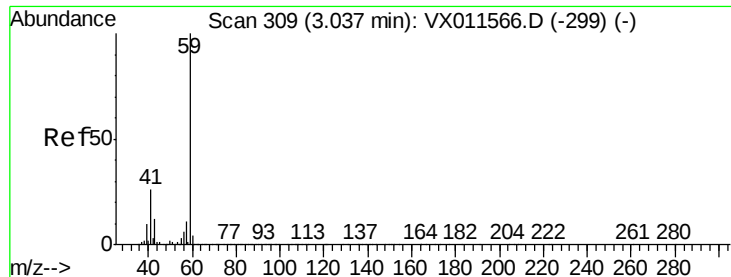
Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	142	Resp:	164830
Ion Ratio	Lower	Upper	
142	100		
127	44.1	32.8	49.2
141	14.5	11.4	17.2





#11

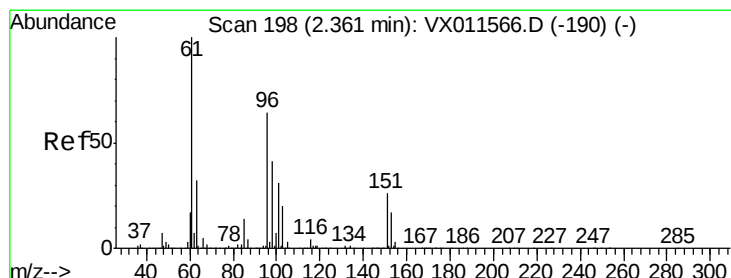
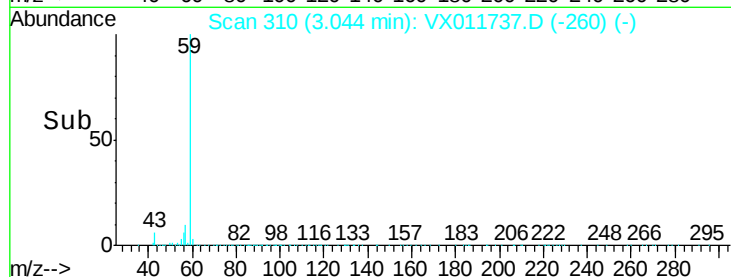
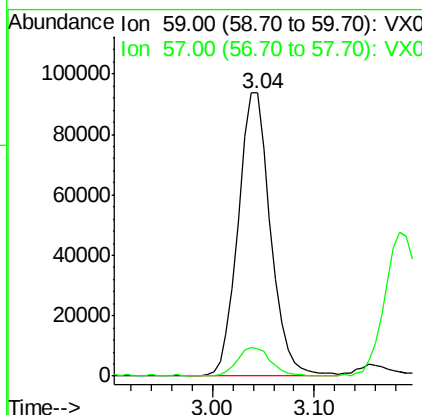
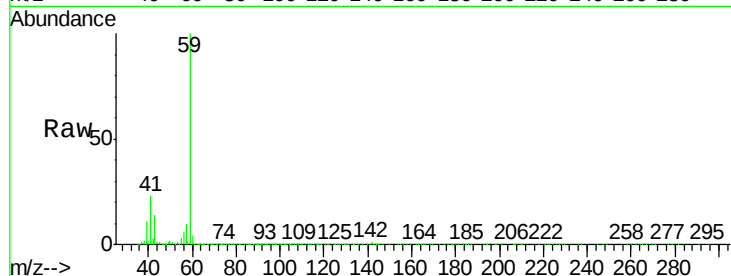
Tert butyl alcohol
Concen: 250.002 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.7	13.1

Manual Integrations
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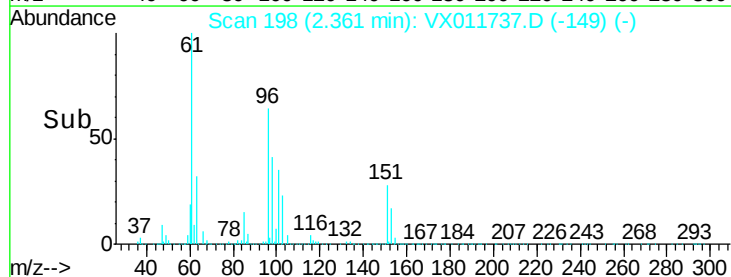
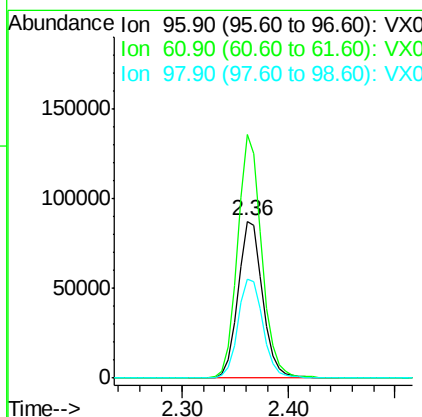
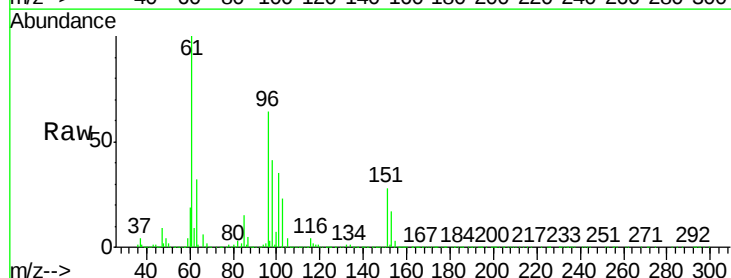
MMDadoda
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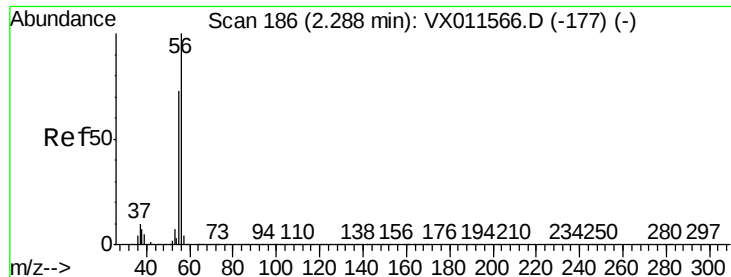


#12

1,1-Dichloroethene
Concen: 45.892 ug/l
RT: 2.36 min Scan# 198
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	125.0	187.4
98	63.4	51.5	77.3





#13

Acrolein

Concen: 277.580 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 70895

Ion Ratio Lower Upper

56 100

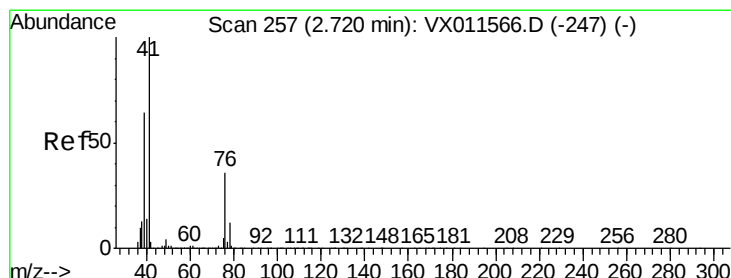
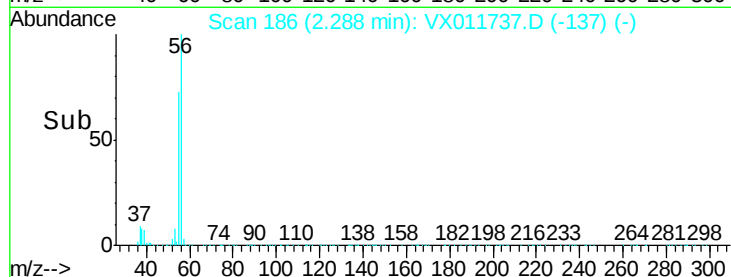
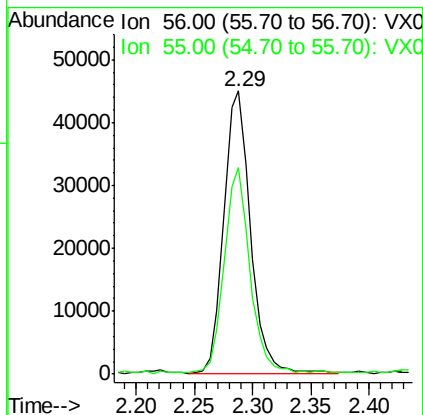
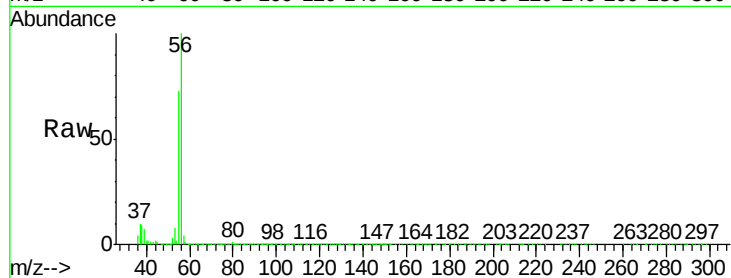
55 70.4 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 44.263 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

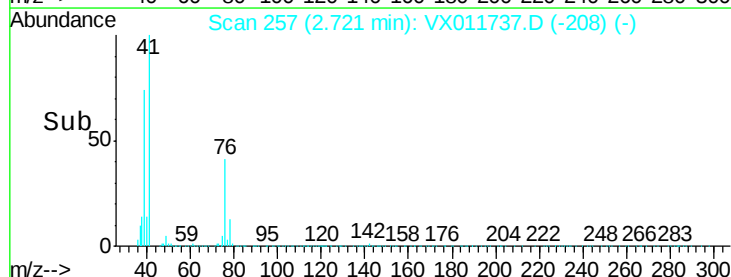
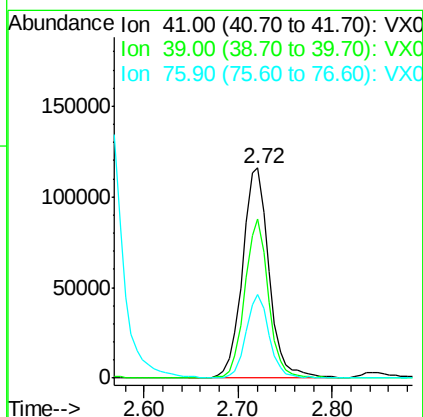
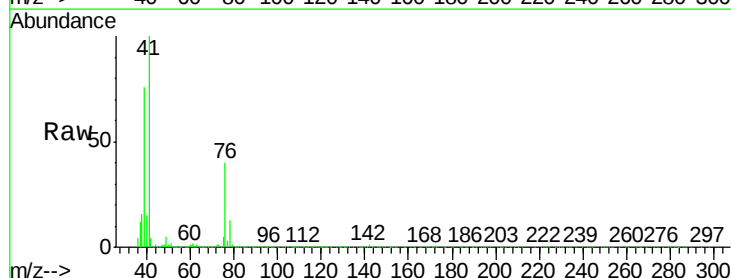
Tgt Ion: 41 Resp: 227897

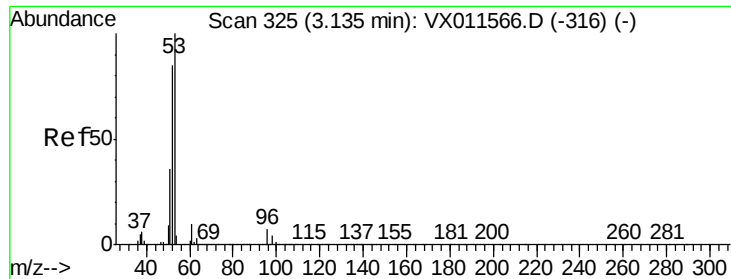
Ion Ratio Lower Upper

41 100

39 66.9 47.5 71.3

76 34.2 26.3 39.5





#15

Acrylonitrile

Concen: 249.431 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

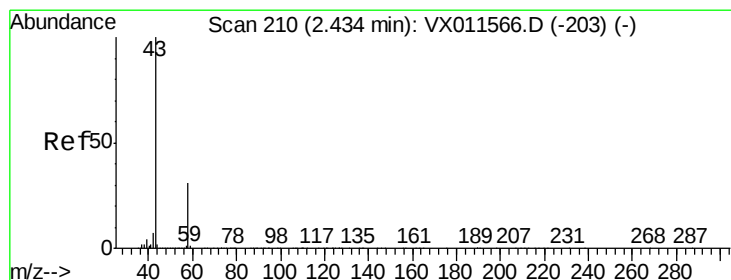
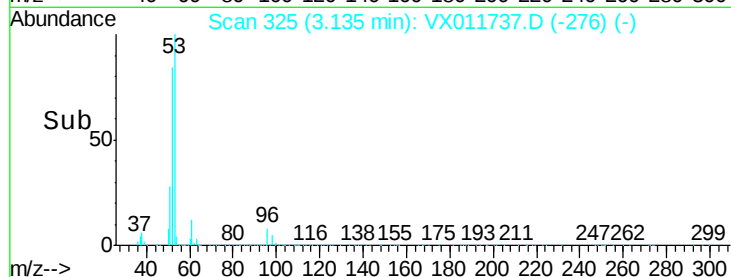
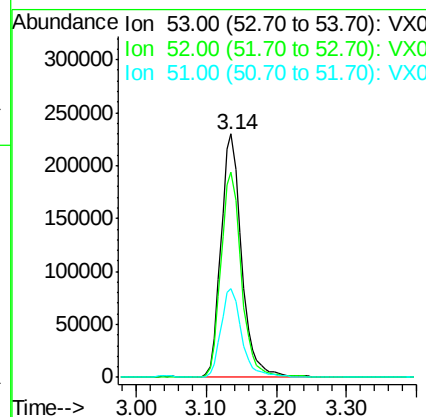
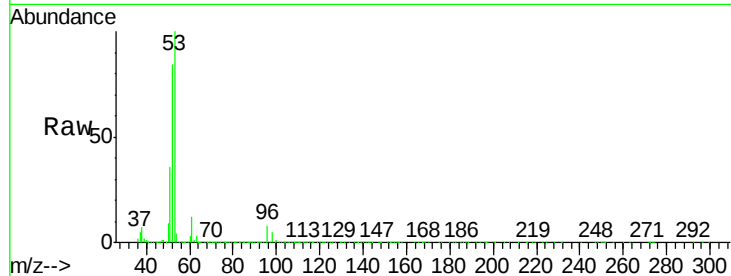
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	471454
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.7	100.1
51	36.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 231.852 ug/l

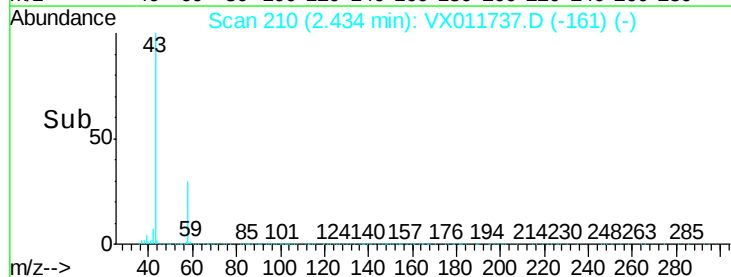
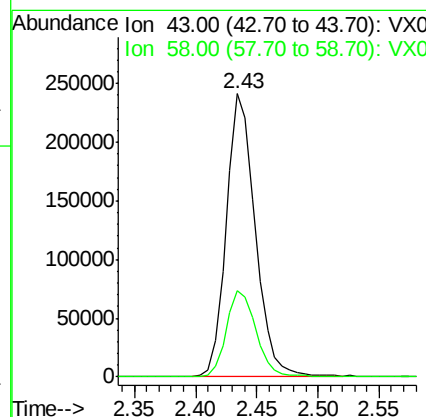
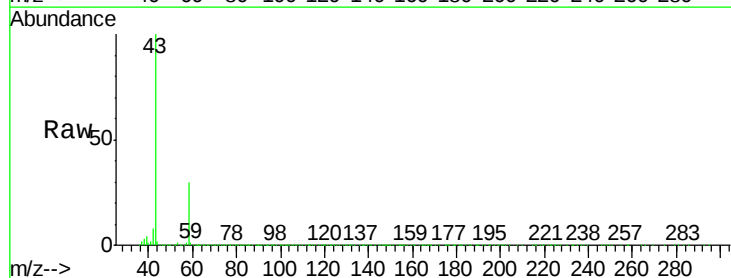
RT: 2.43 min Scan# 210

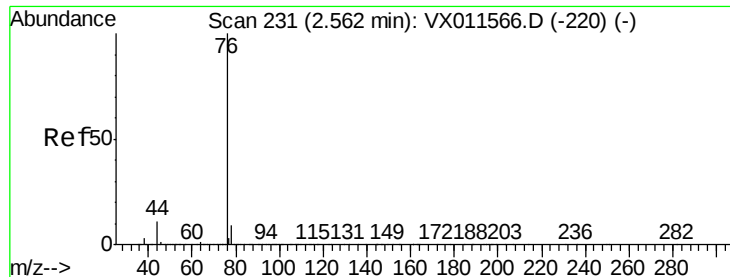
Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	43	Resp:	392439
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.2	37.8





#17

Carbon Disulfide

Concen: 41.612 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 303481

Ion Ratio Lower Upper

76 100

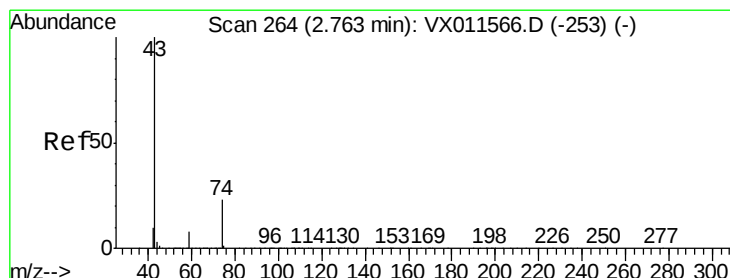
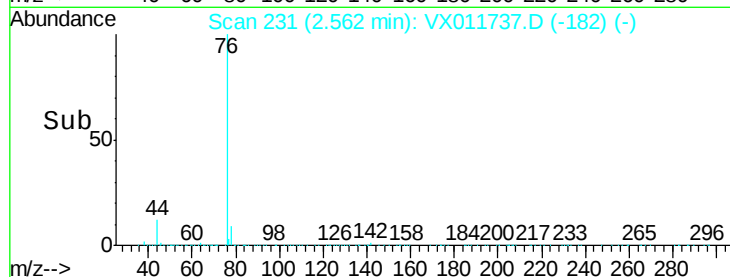
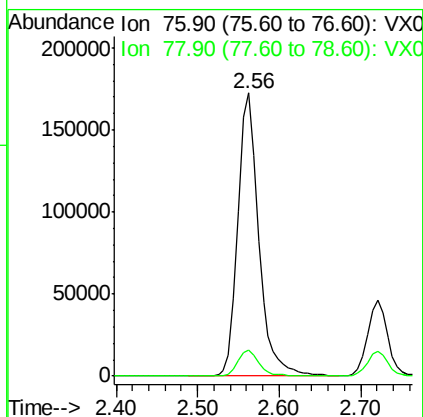
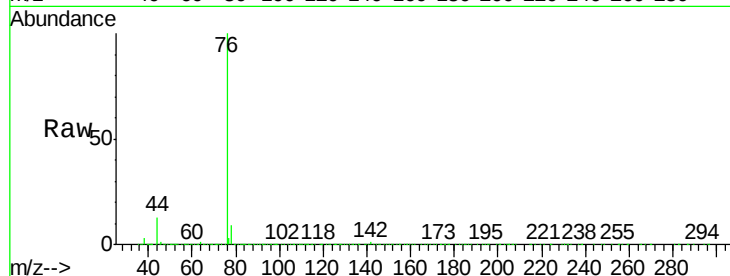
78 8.9 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 49.485 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011737.D

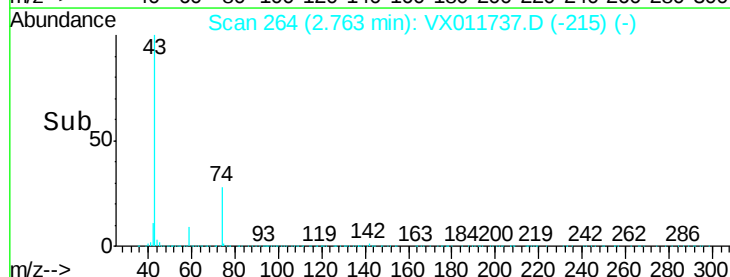
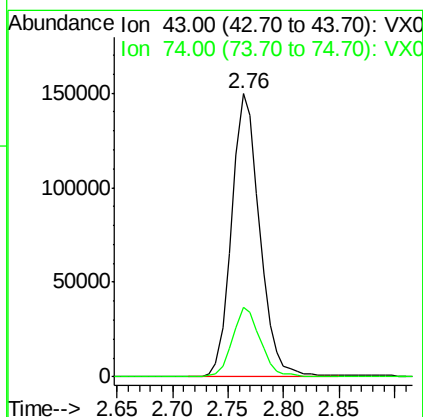
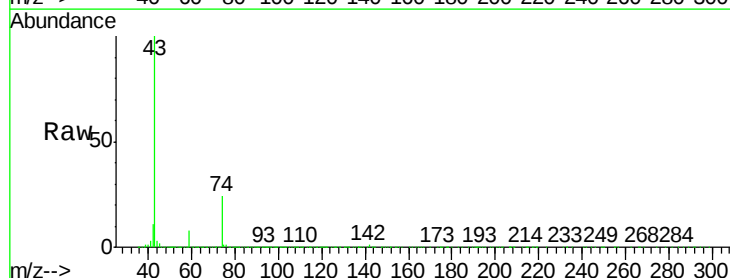
Acq: 21 Aug 2019 17:28

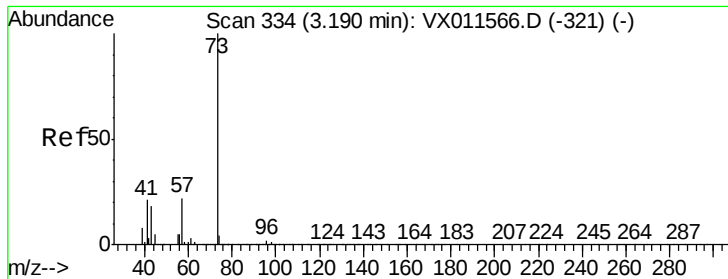
Tgt Ion: 43 Resp: 259770

Ion Ratio Lower Upper

43 100

74 24.4 19.7 29.5





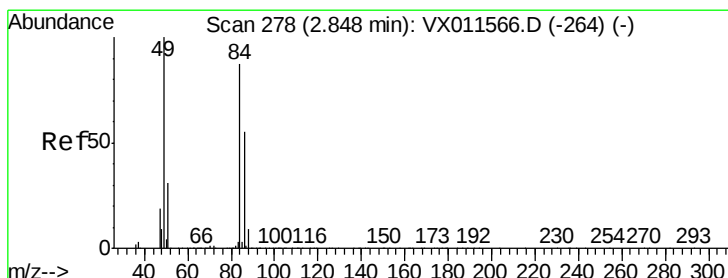
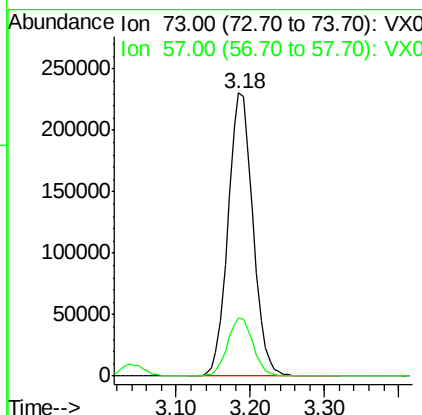
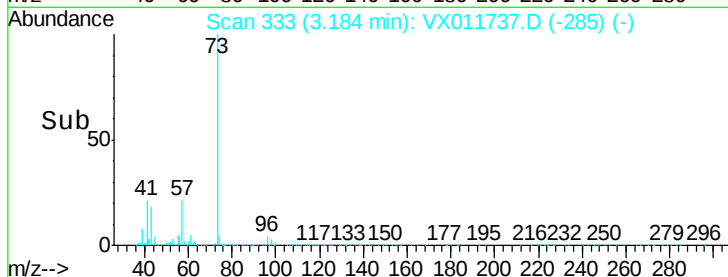
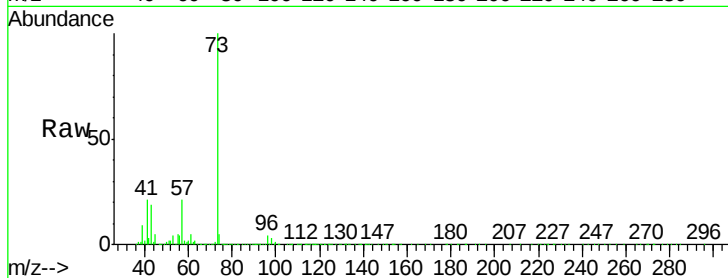
#19
Methvl tert-butvl Ether
Concen: 53.461 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.2	25.8

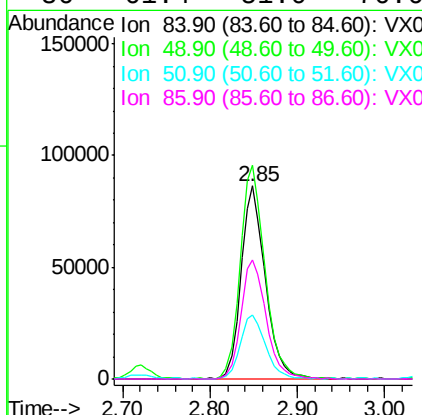
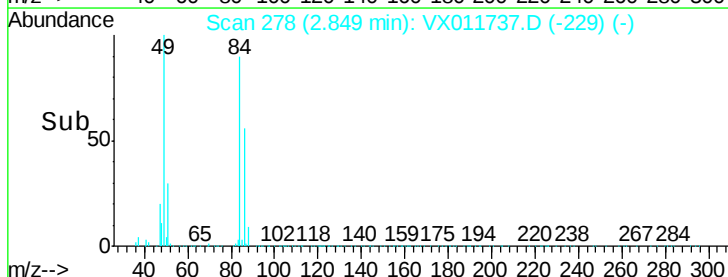
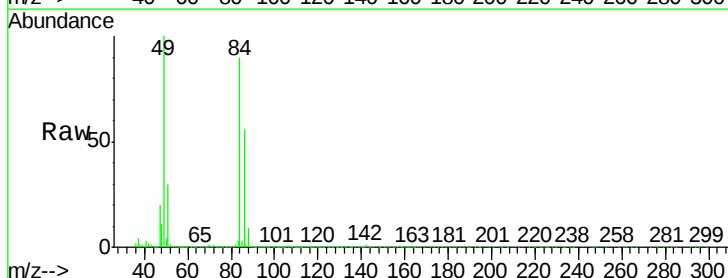
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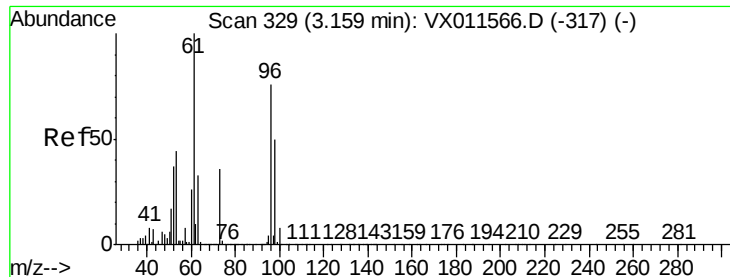
MMDadoda
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#20
Methylene Chloride
Concen: 46.706 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.4	92.4	138.6
51	33.3	28.5	42.7
86	61.4	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 49.421 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 162095

Ion Ratio Lower Upper

96 100

61 127.9 105.5 158.3

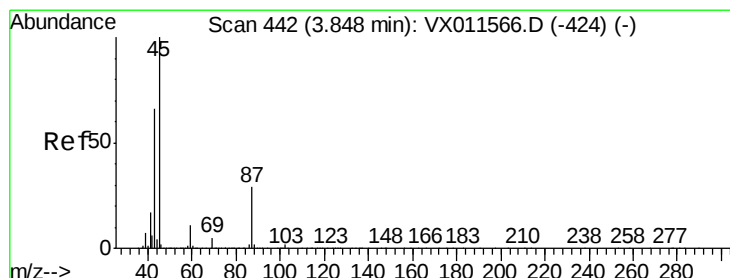
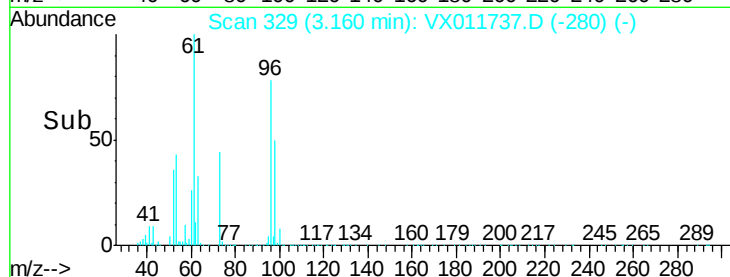
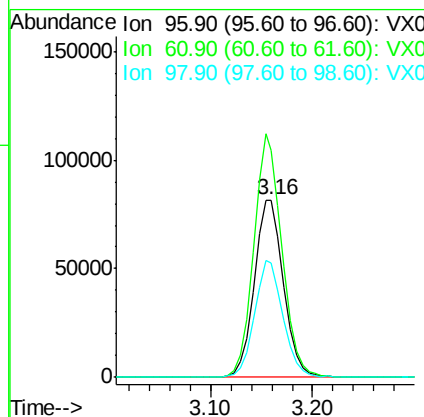
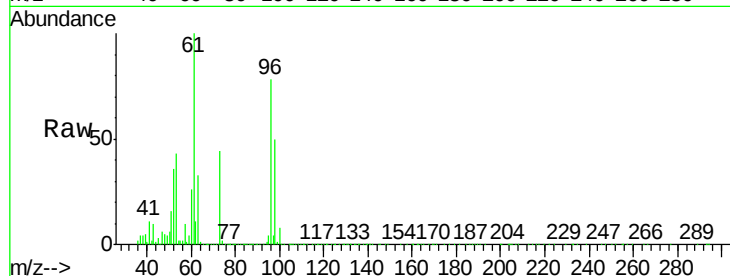
98 64.3 52.6 78.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.782 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion: 45 Resp: 520695

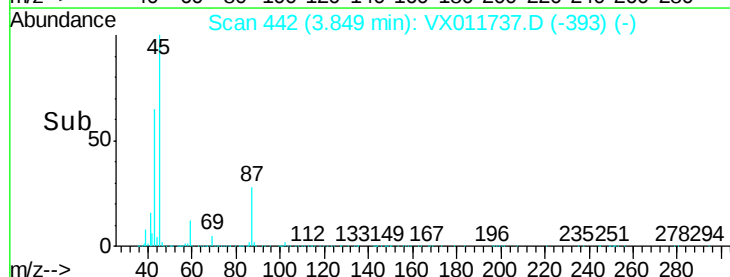
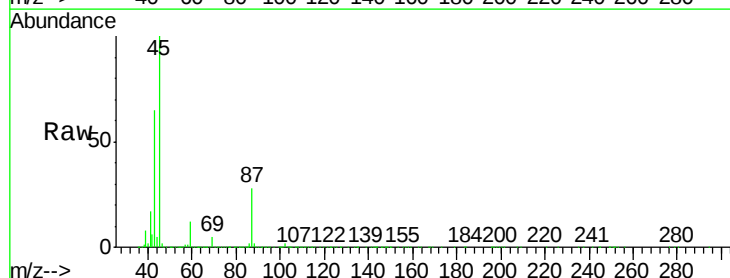
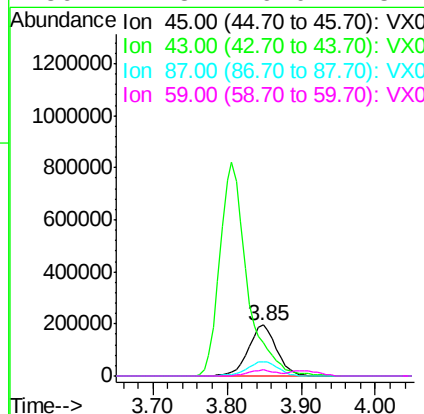
Ion Ratio Lower Upper

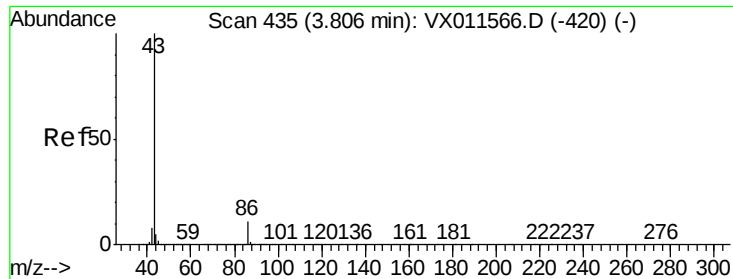
45 100

43 65.1 52.7 79.1

87 28.3 23.5 35.3

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 257.525 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2090970

Ion Ratio Lower Upper

43 100

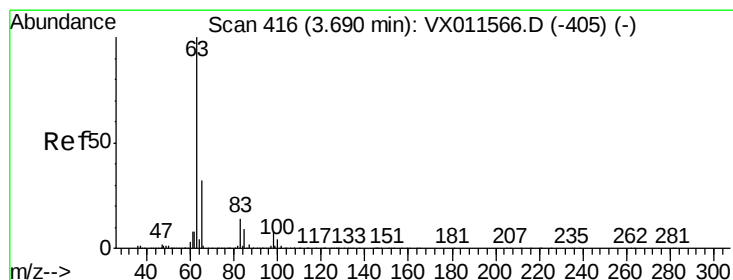
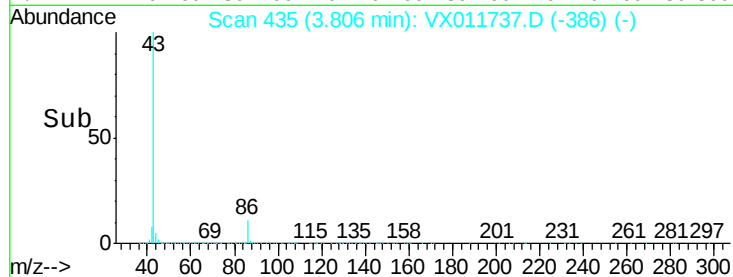
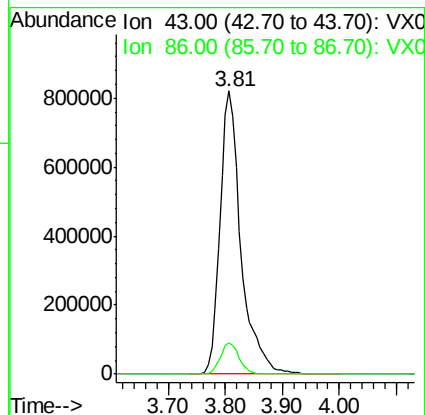
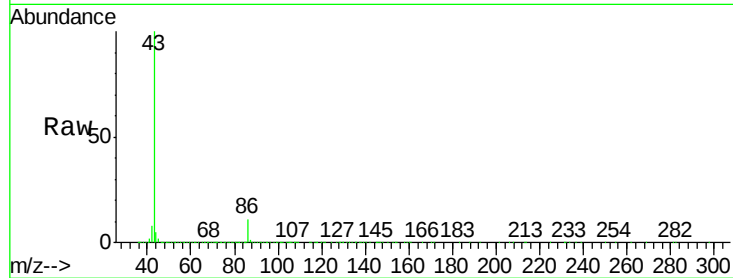
86 11.2 8.6 13.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 50.248 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

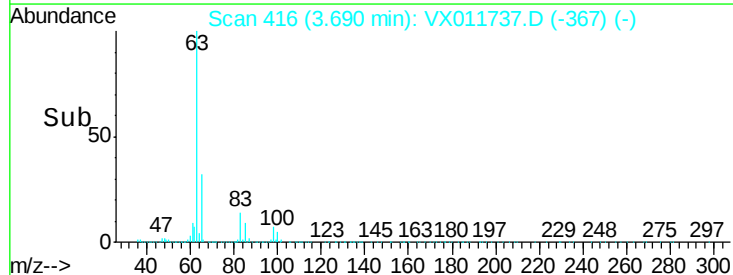
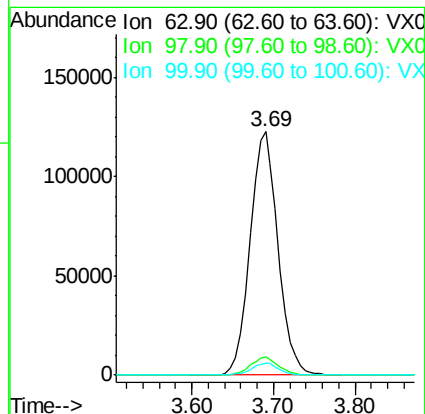
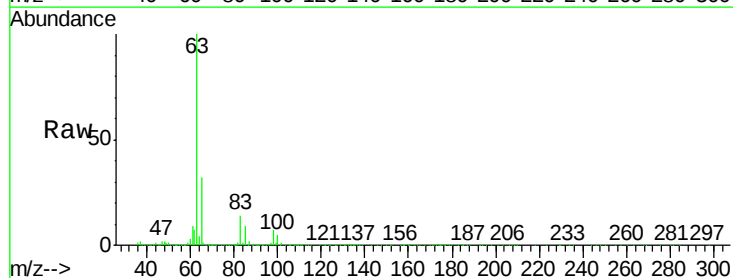
Tgt Ion: 63 Resp: 291300

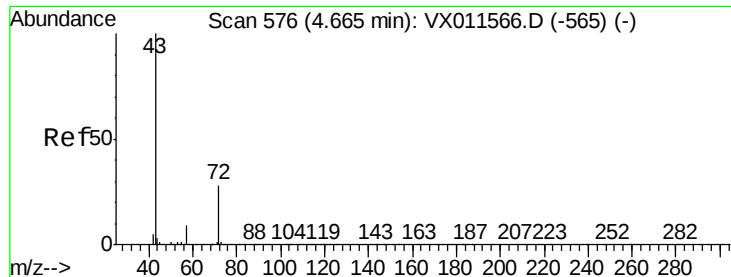
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.0 2.1 6.3





#25

2-Butanone

Concen: 255.592 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tot Ion: 43 Resp: 679181

Ion Ratio Lower Upper

43 100

72 26.1 22.2 33.4

Instrument :

MSVOA_X

ClientSampleId :

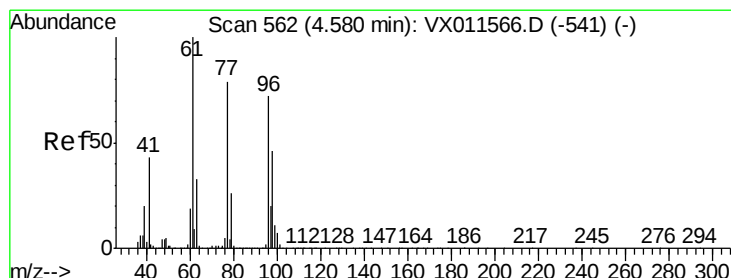
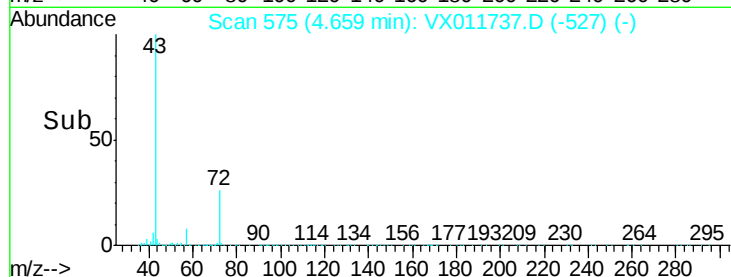
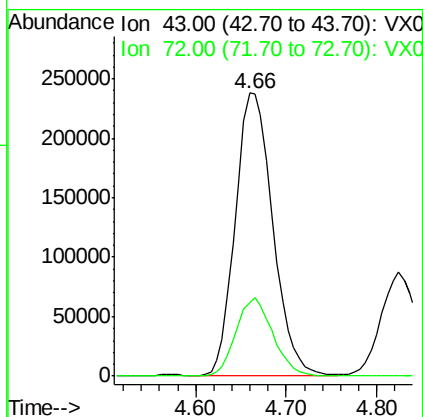
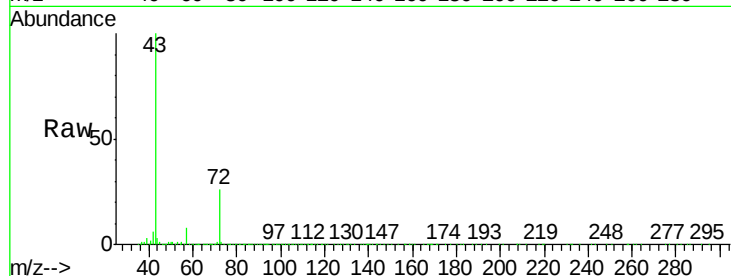
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 50.916 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011737.D

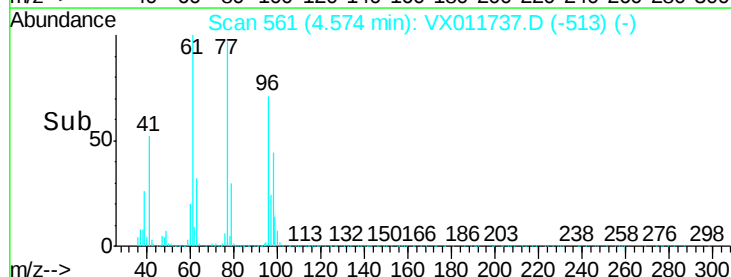
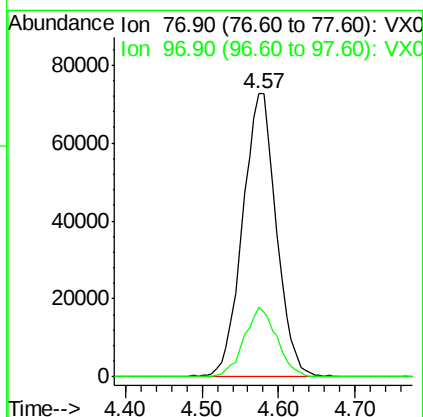
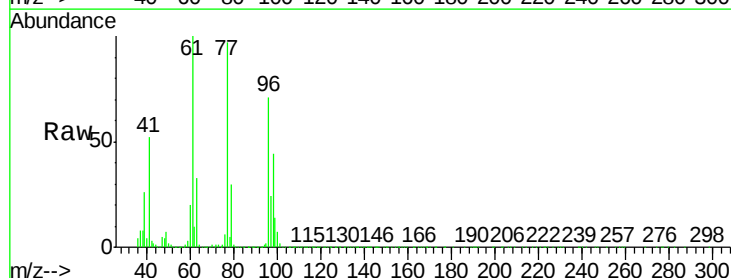
Acq: 21 Aug 2019 17:28

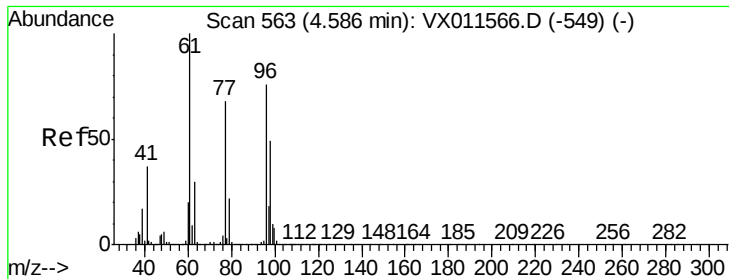
Tgt Ion: 77 Resp: 222158

Ion Ratio Lower Upper

77 100

97 23.8 12.4 37.2





#27

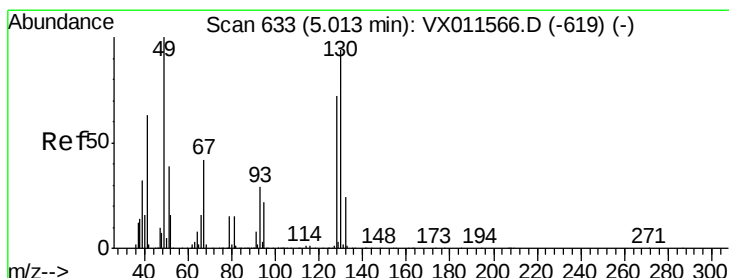
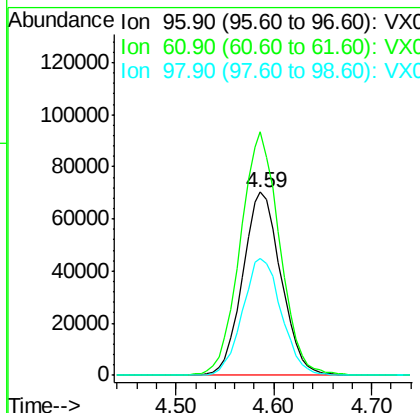
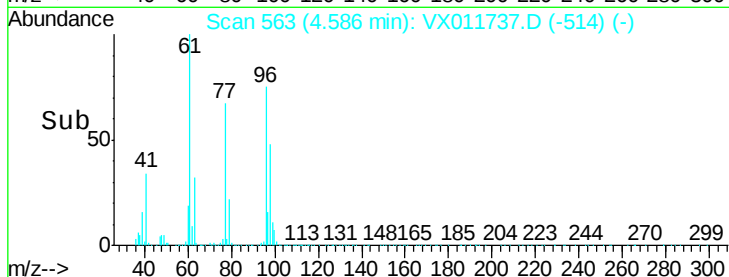
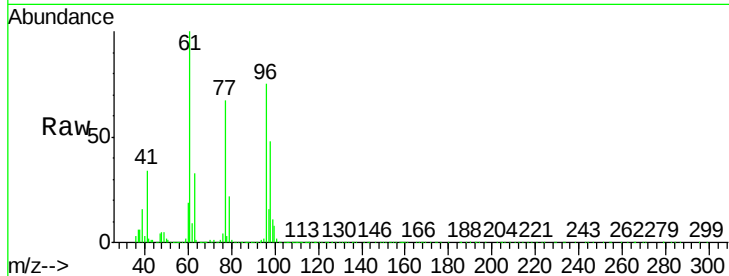
cis-1,2-Dichloroethene
Concen: 49.849 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.4	0.0	272.6	
98	65.0	0.0	129.4	

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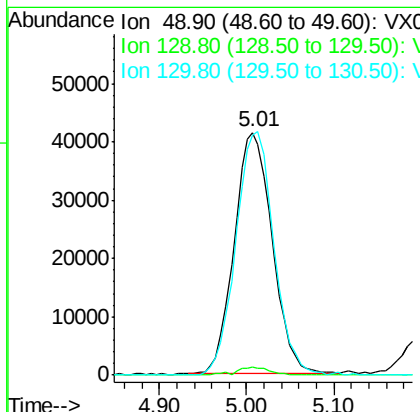
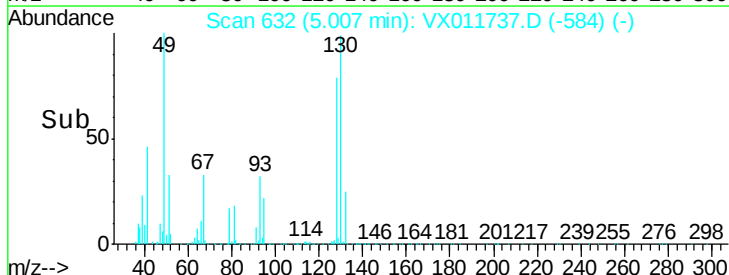
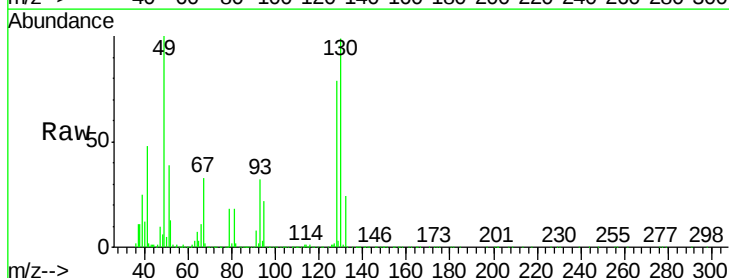
MMDadoda
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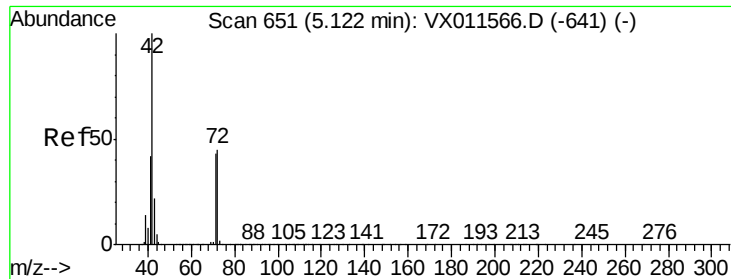


#28

Bromochloromethane
Concen: 49.210 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.9	0.0	5.0	
130	100.4	76.6	115.0	





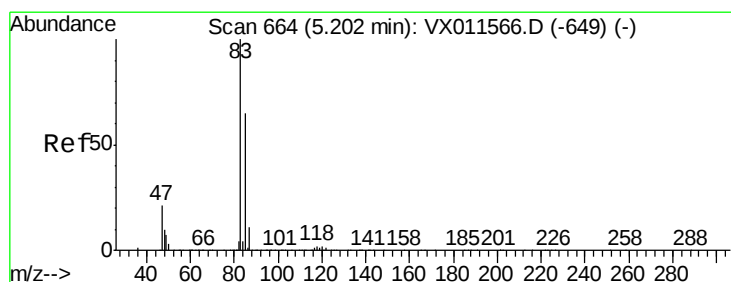
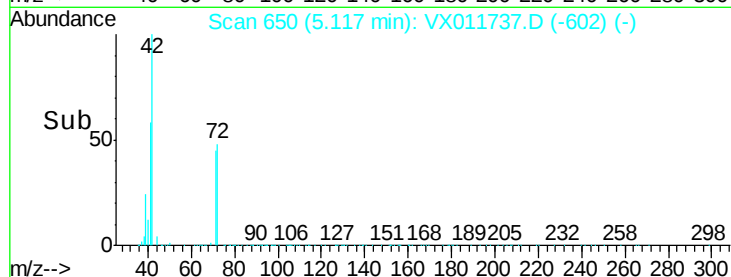
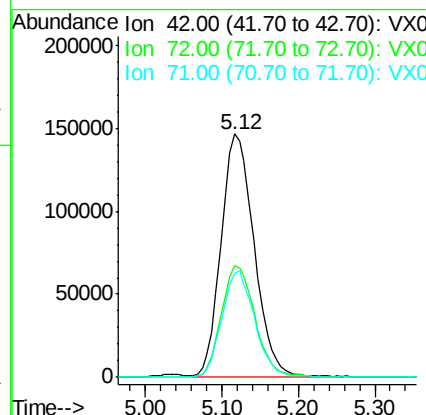
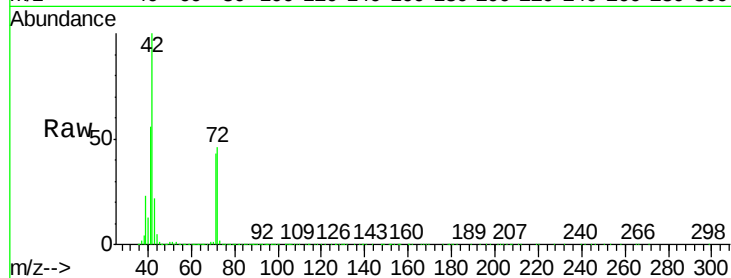
#29
Tetrahydrofuran
Concen: 250.150 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	36.1	54.1
71	43.5	33.8	50.8

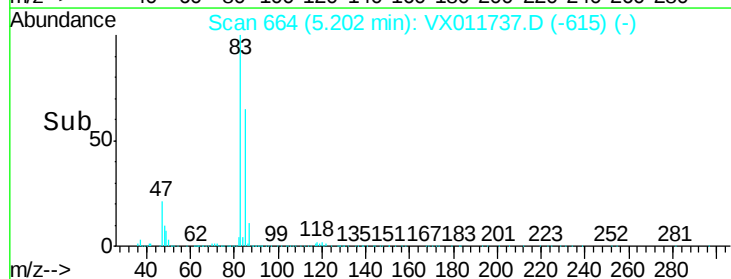
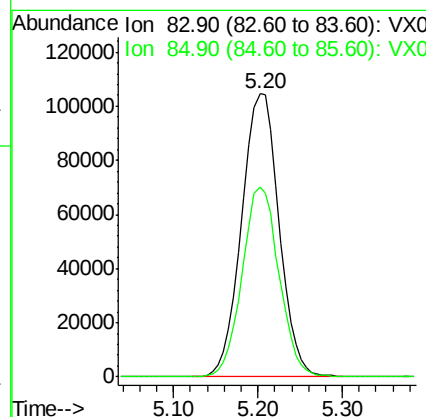
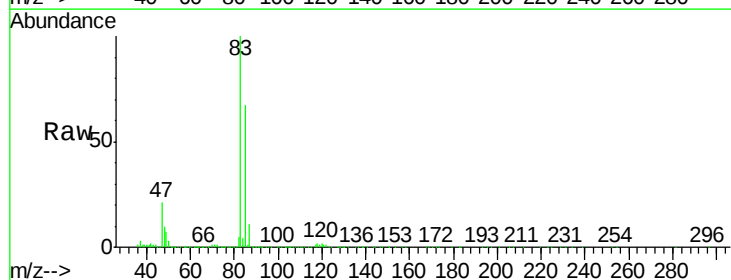
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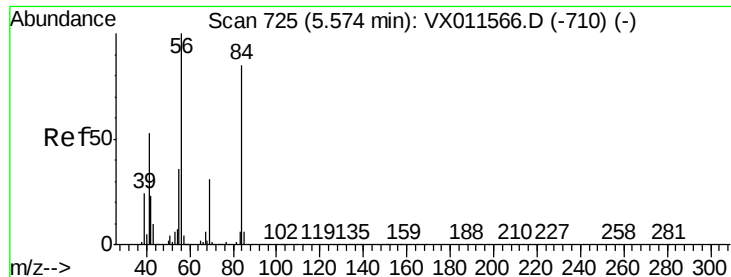
MMDadoda
8/22/2019 10:01:20 AM



#30
Chloroform
Concen: 51.563 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.9	77.9





#31

Cyclohexane

Concen: 48.025 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

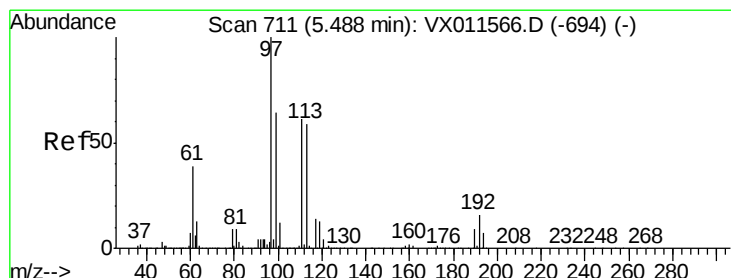
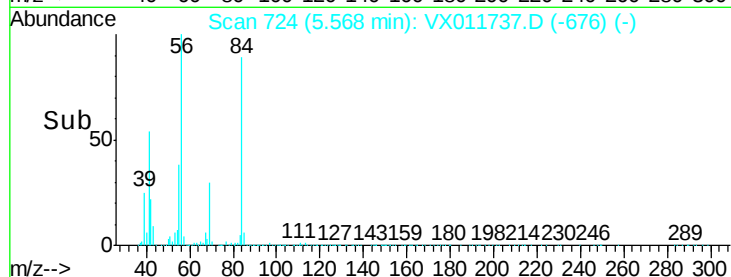
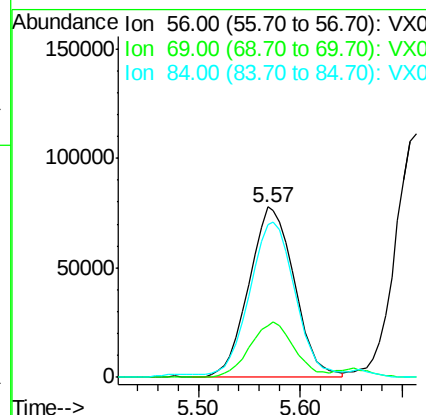
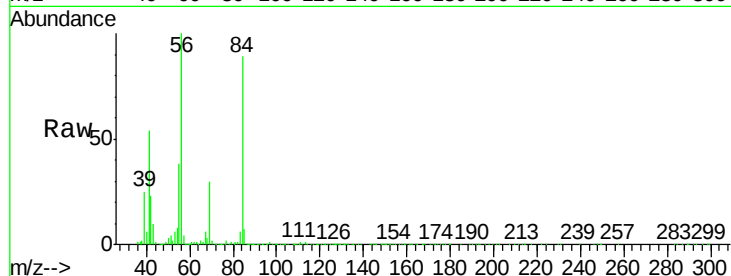
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	239710
Ion Ratio		Lower	Upper
56	100		
69	30.0	24.8	37.2
84	88.0	67.9	101.9

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#32

1,1,1-Trichloroethane

Concen: 53.260 ug/l

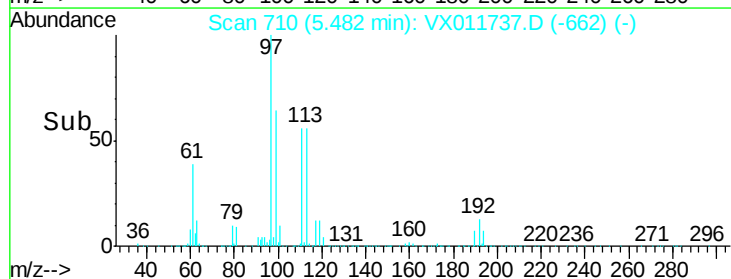
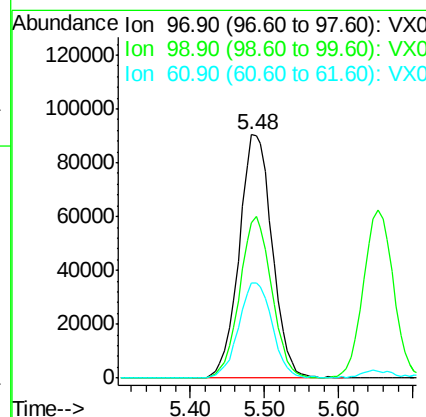
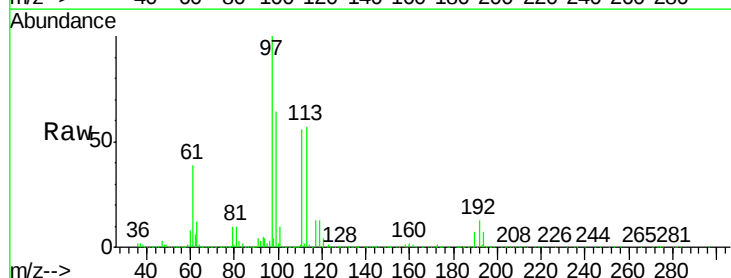
RT: 5.48 min Scan# 710

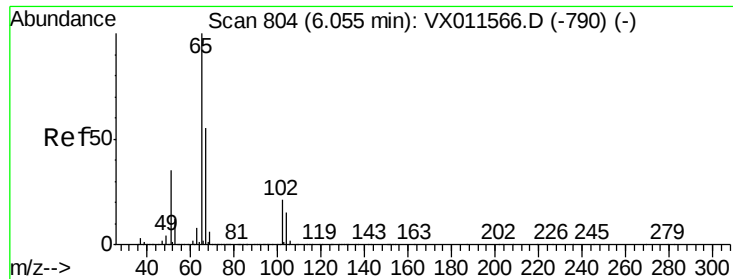
Delta R.T. -0.01 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	97	Resp:	280185
Ion Ratio		Lower	Upper
97	100		
99	64.8	51.4	77.0
61	39.4	31.4	47.2





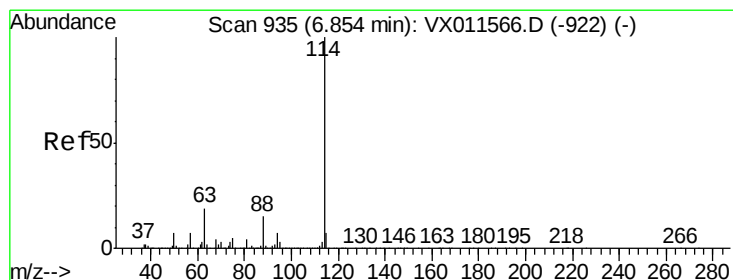
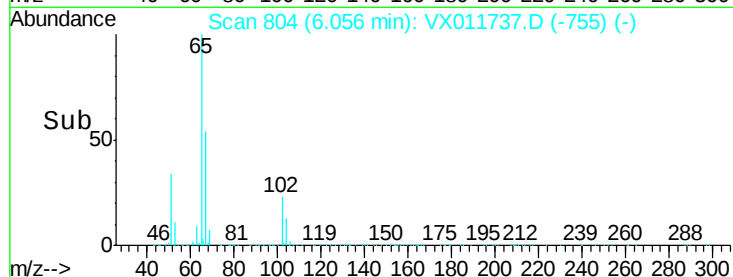
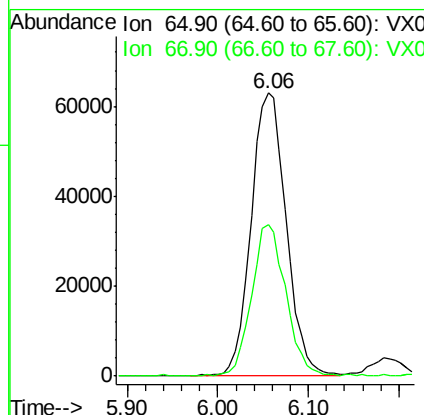
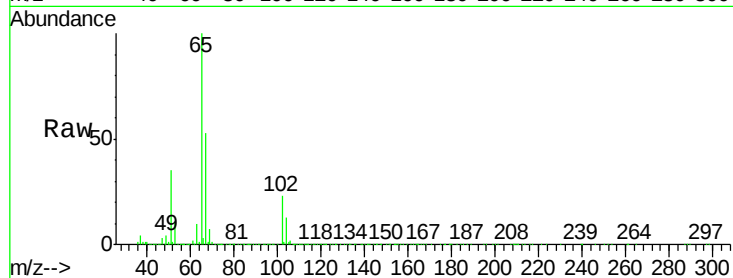
#33
 1,2-Dichloroethane-d4
 Concen: 49.776 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167559		
67	51.9	0.0	107.6	

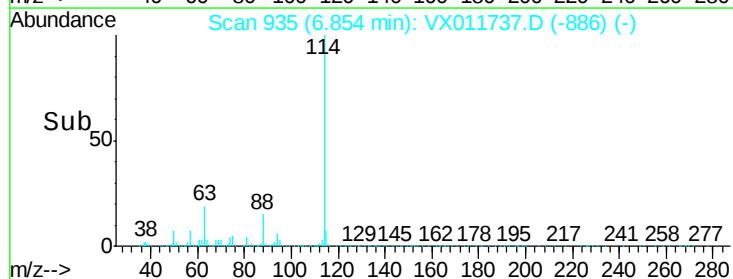
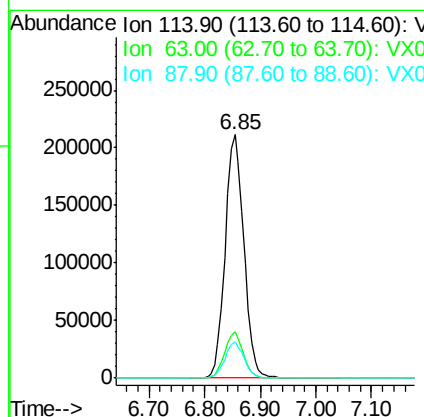
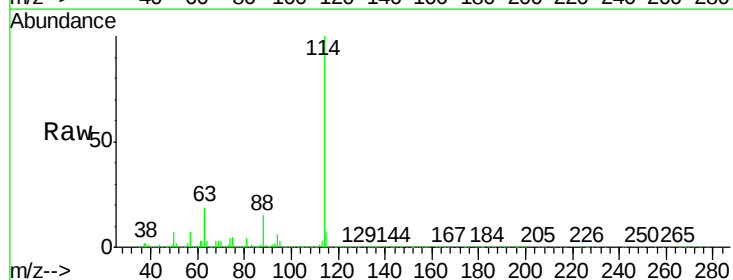
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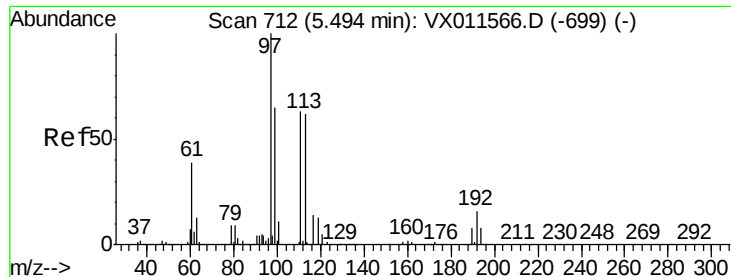
MMDadoda
 8/22/2019 10:01:20 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	492095		
63	18.8	0.0	37.8	
88	14.9	0.0	30.2	





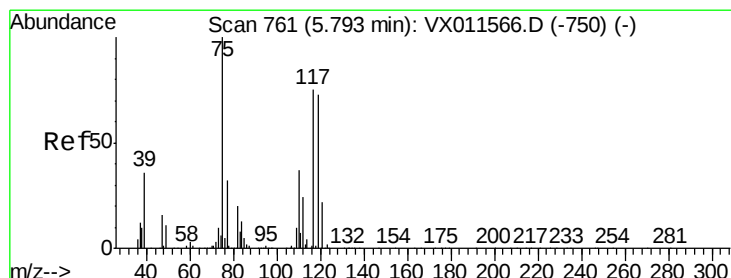
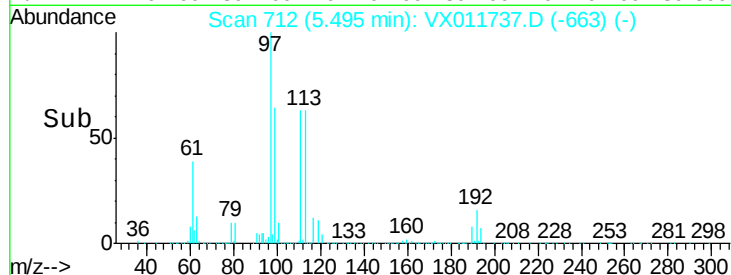
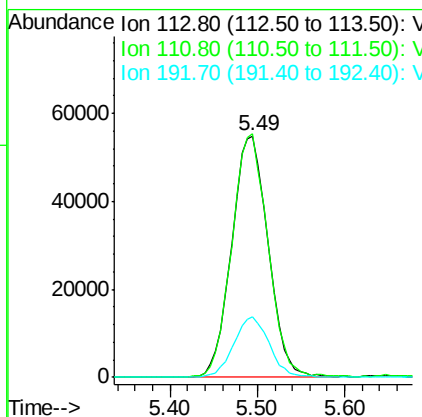
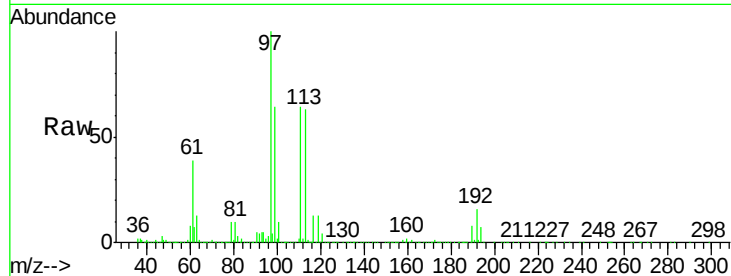
#35
 Dibromofluoromethane
 Concen: 49.251 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	158520		
111	100.2	81.1	121.7	
192	24.5	20.8	31.2	

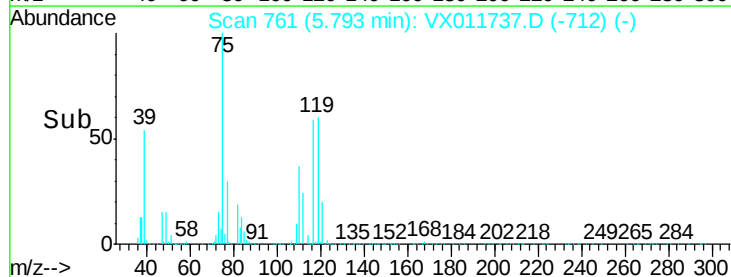
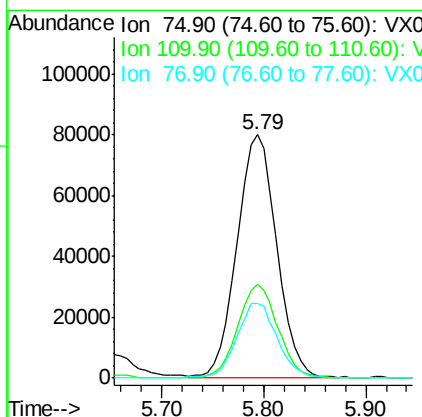
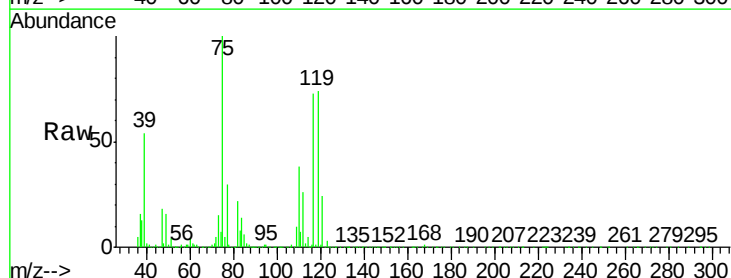
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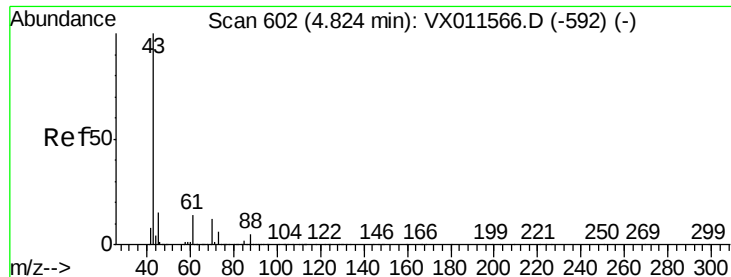
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 51.007 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	214604		
110	39.3	19.4	58.1	
77	30.9	25.1	37.7	





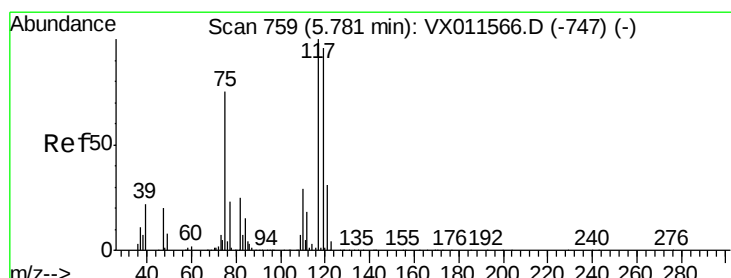
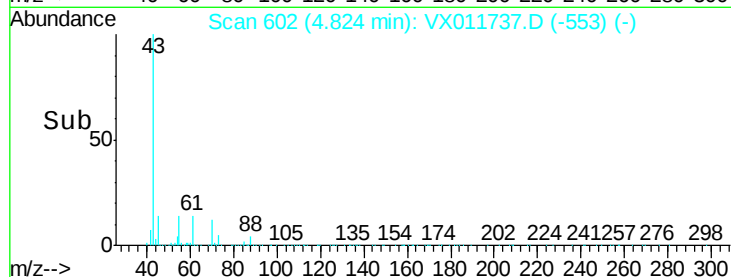
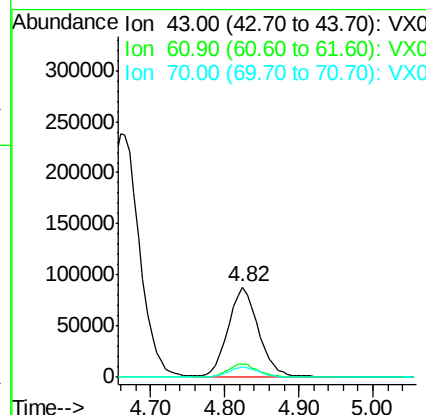
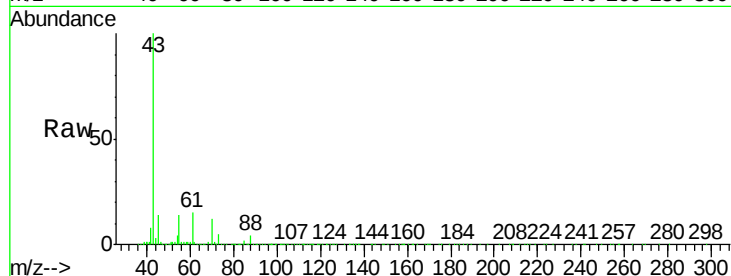
#37
Ethyl Acetate
Concen: 51.556 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	249490
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.4	17.0
70	11.2	9.0	13.6

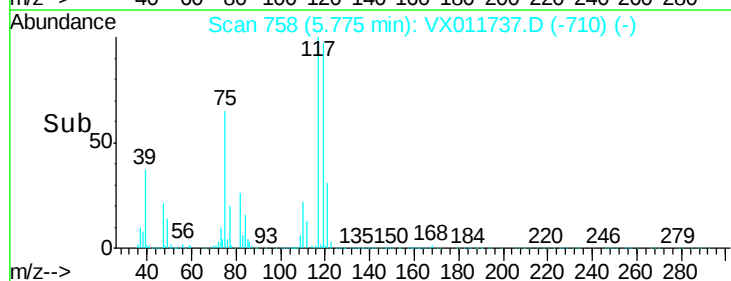
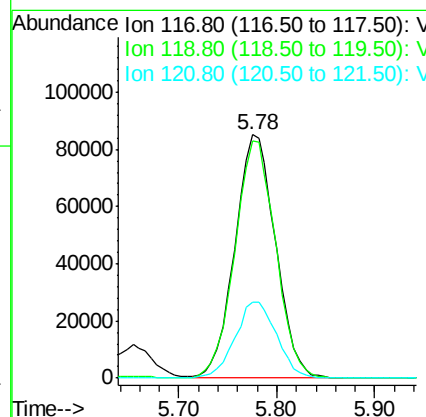
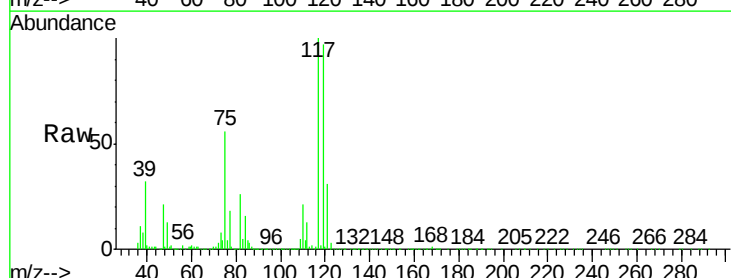
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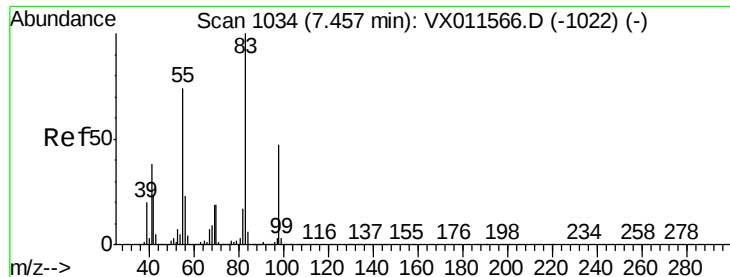
MMDadoda
8/22/2019 10:01:20 AM



#38
Carbon Tetrachloride
Concen: 52.940 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	117	Resp	245398
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.9	115.3
121	30.8	24.8	37.2





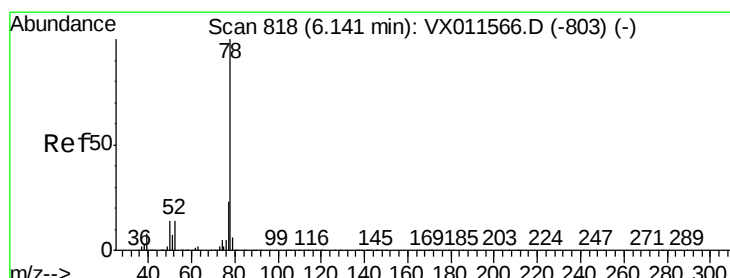
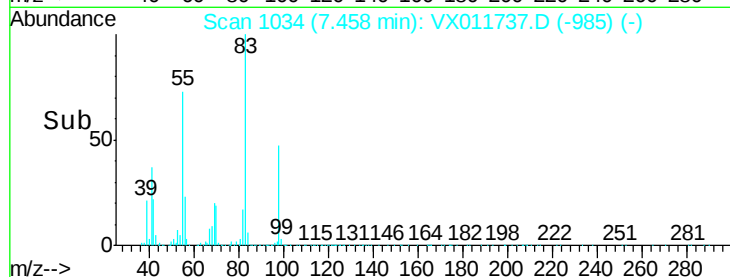
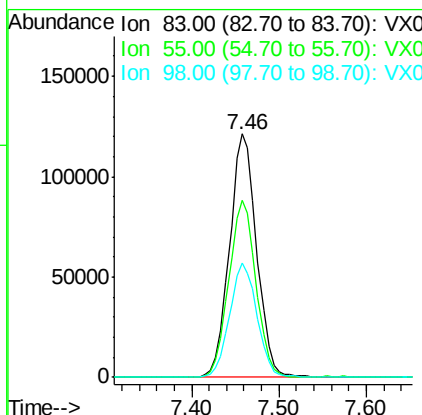
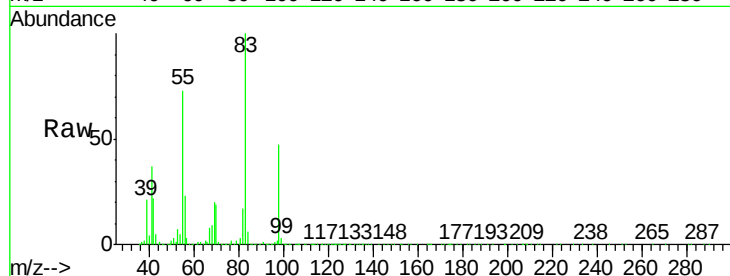
#39
Methvlcvclohexane
Concen: 50.211 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	58.8	88.2
98	46.7	37.8	56.6

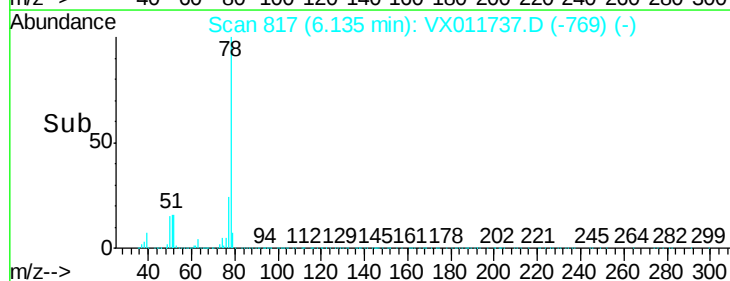
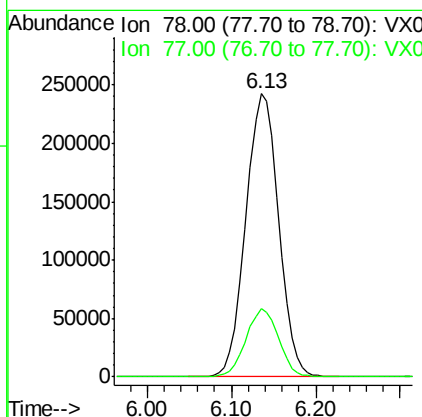
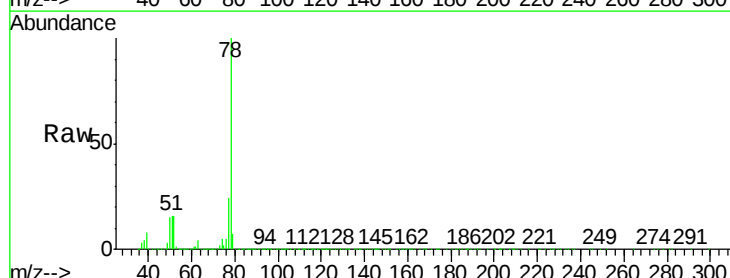
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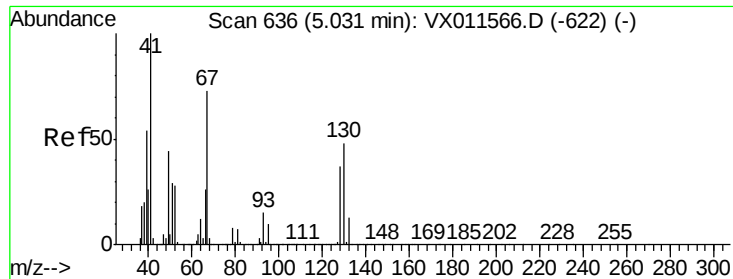
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#40
Benzene
Concen: 49.032 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





#41

Methacrylonitrile

Concen: 52.817 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

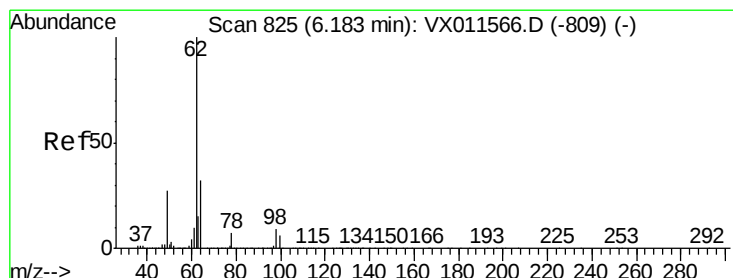
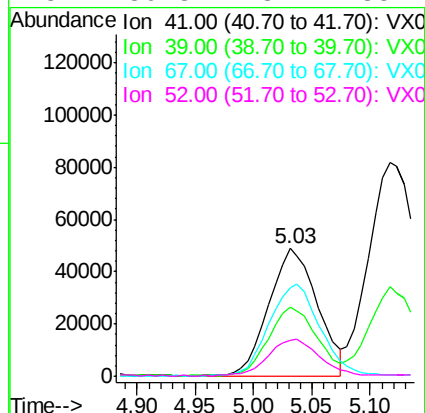
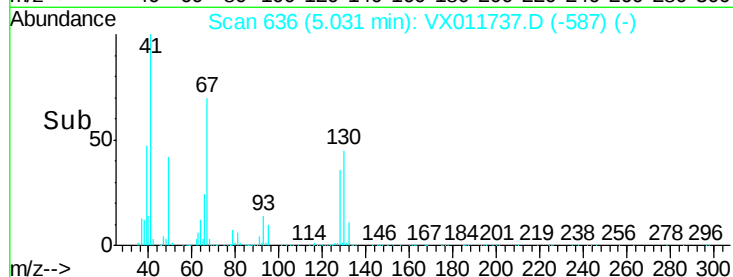
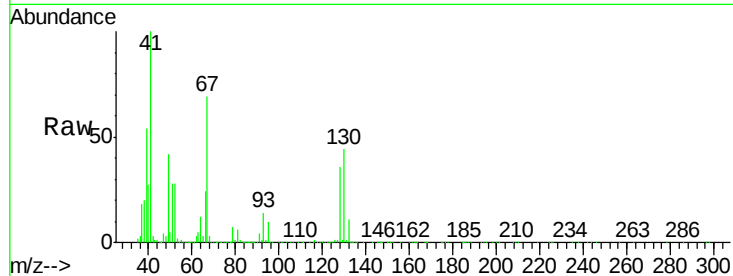
ClientSampleId :

VSTDCCC050EC

Tot Ion:	41	Resp:	140673
Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.5	65.3
67	76.5	59.4	89.2
52	30.3	23.4	35.2

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#42

1,2-Dichloroethane

Concen: 54.518 ug/l

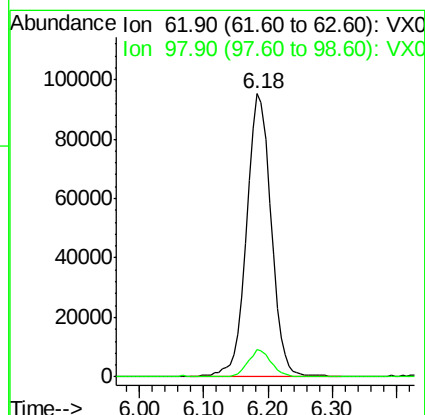
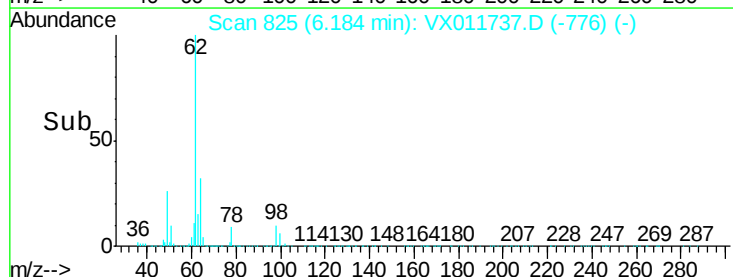
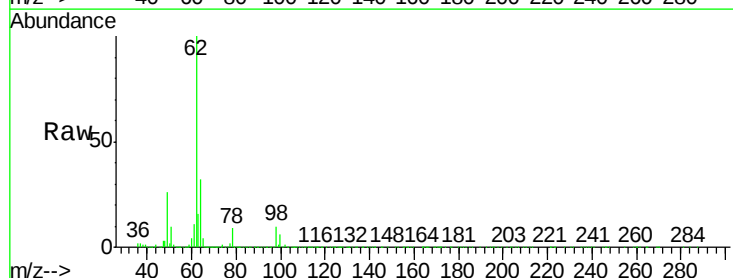
RT: 6.18 min Scan# 825

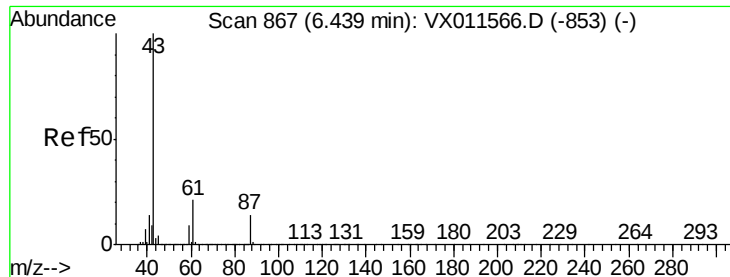
Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	62	Resp:	246961
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.4





#43

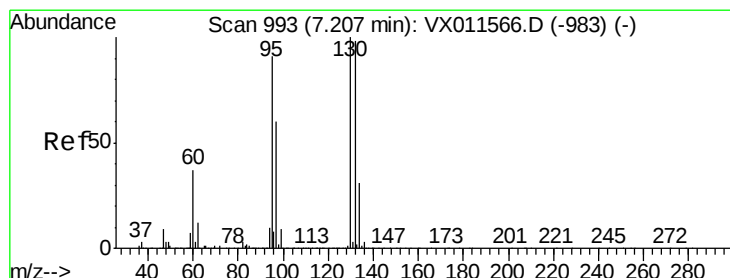
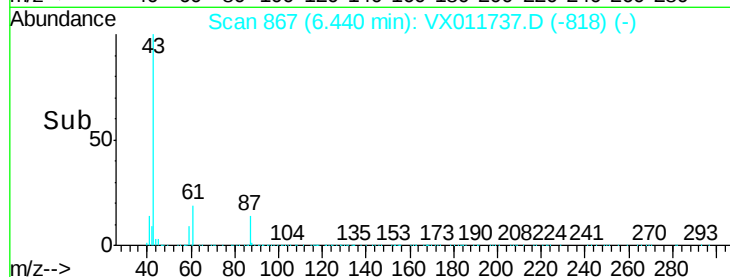
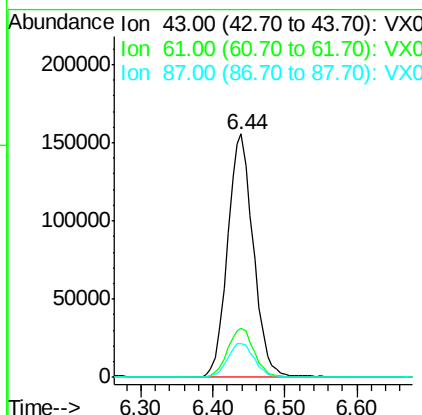
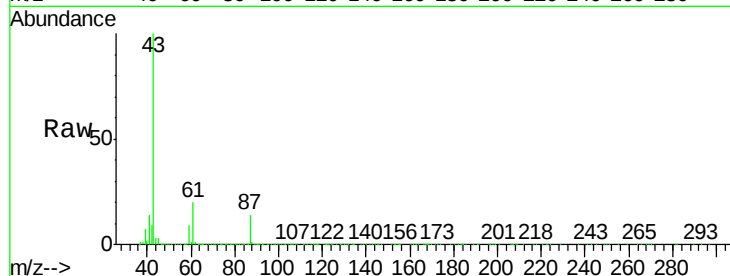
Isopropyl Acetate
 Concen: 50.871 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	14.6	11.4	17.2

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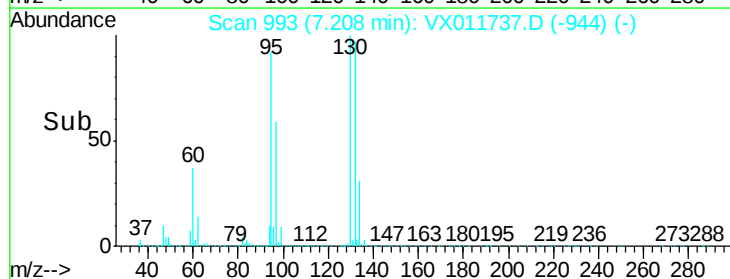
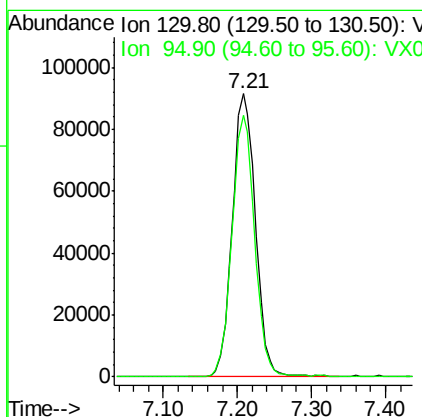
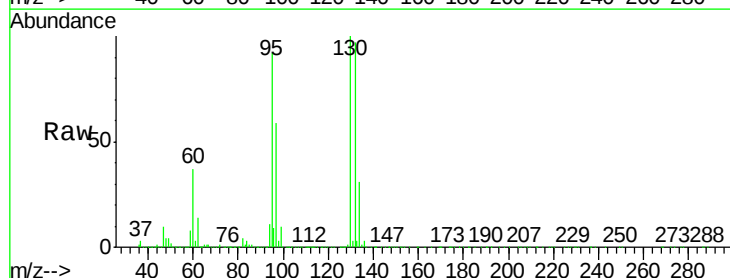
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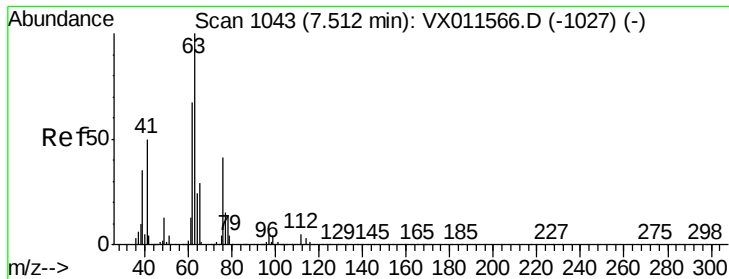


#44

Trichloroethene
 Concen: 51.651 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	181.4





#45

1,2-Dichloropropane

Concen: 52.193 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 170187

Ion Ratio Lower Upper

63 100

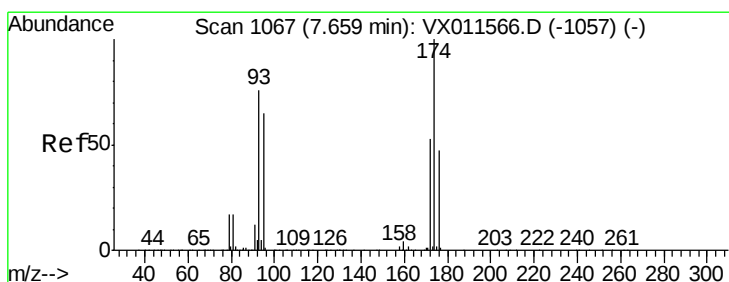
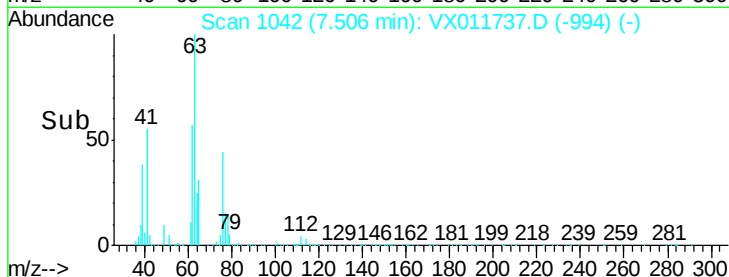
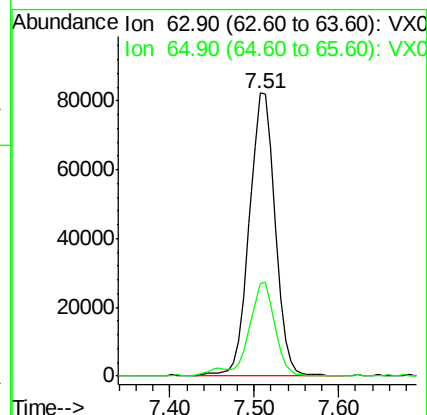
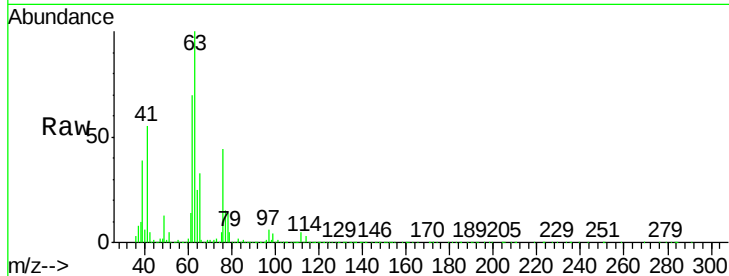
65 32.5 23.4 35.2

Manual Integrations

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#46

Dibromomethane

Concen: 51.559 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

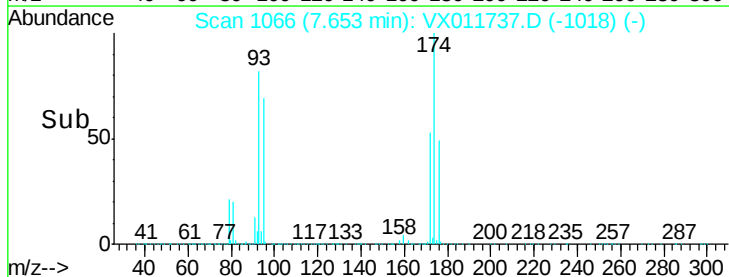
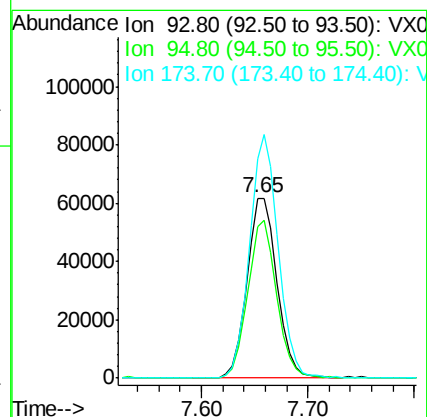
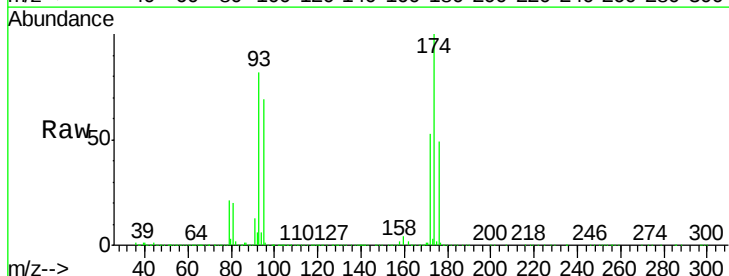
Tgt Ion: 93 Resp: 122172

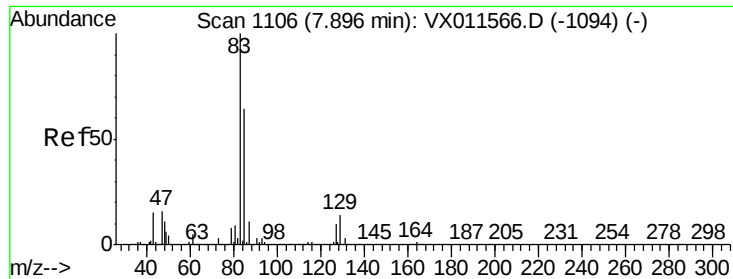
Ion Ratio Lower Upper

93 100

95 84.7 67.2 100.8

174 129.5 105.5 158.3





#47

Bromodichloromethane

Concen: 53.829 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

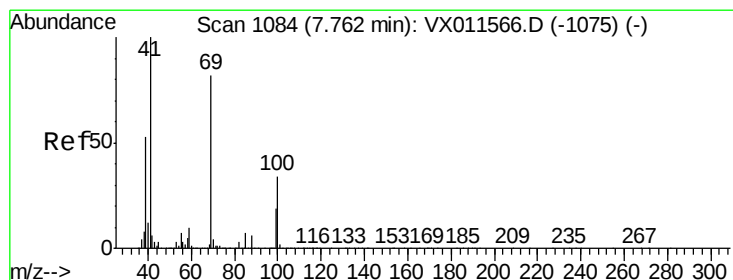
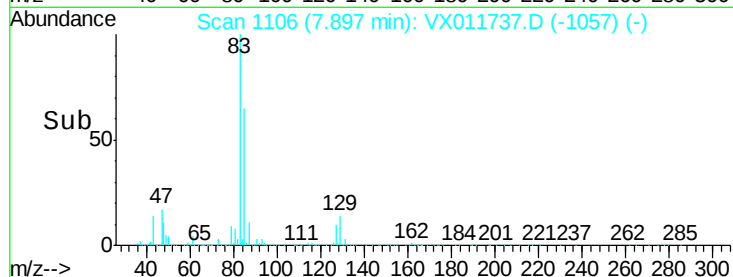
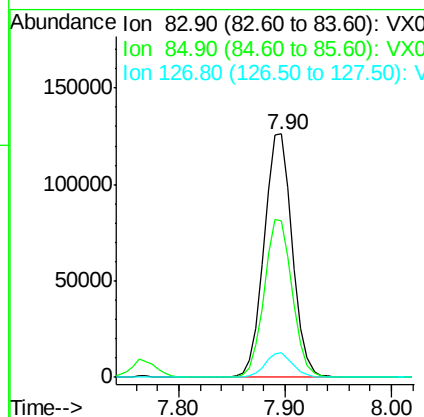
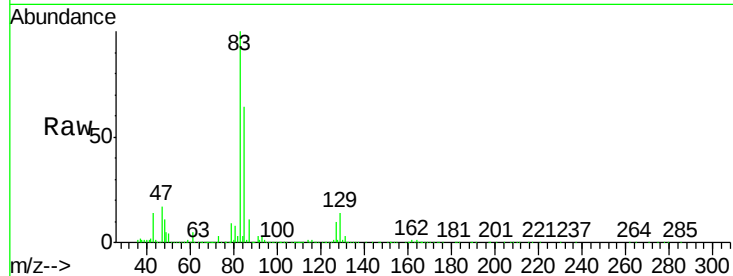
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	234198
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.2	76.8
127	9.9	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.361 ug/l

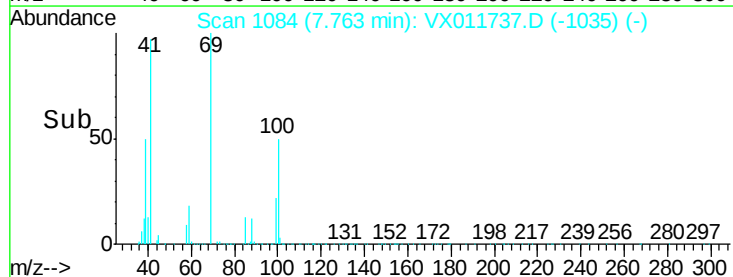
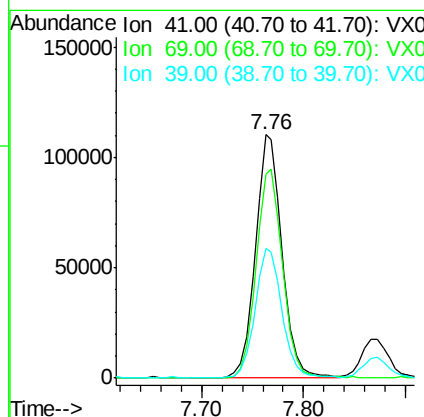
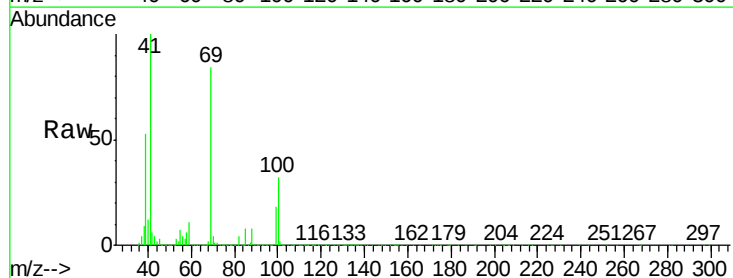
RT: 7.76 min Scan# 1084

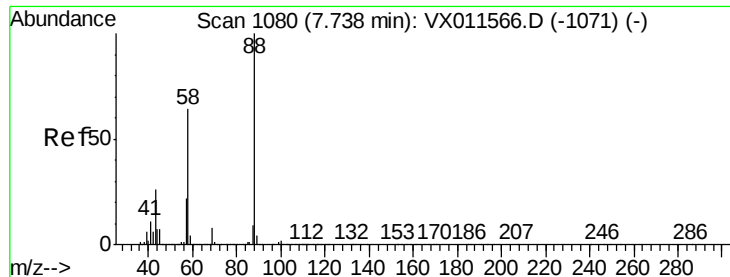
Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	41	Resp:	199567
Ion Ratio	Lower	Upper	
41	100		
69	86.4	67.9	101.9
39	53.6	41.6	62.4





#49

1,4-Dioxane

Concen: 1016.974 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

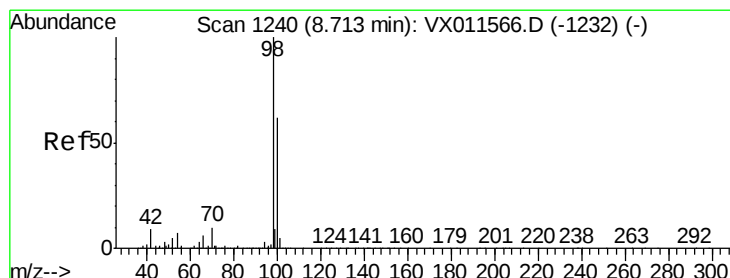
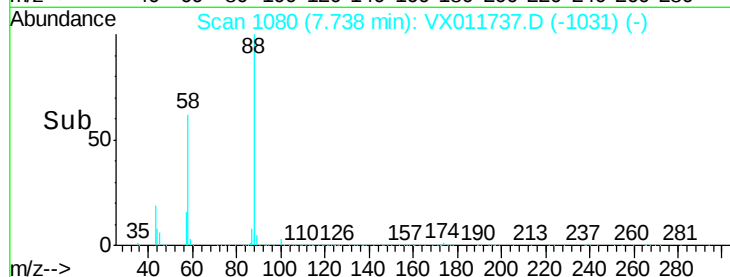
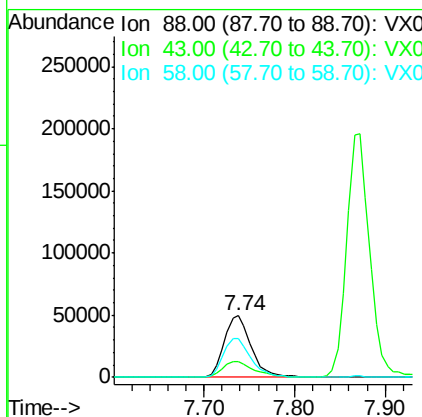
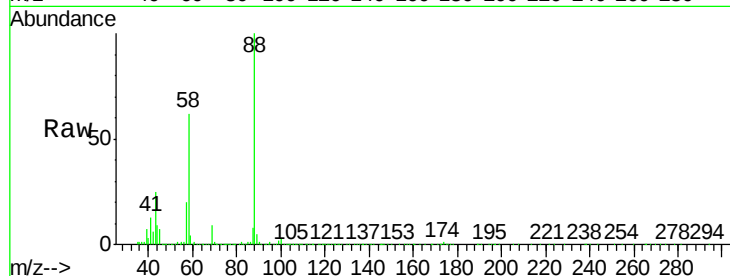
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	101163
Ion Ratio		Lower	Upper
88	100		
43	30.0	23.4	35.0
58	67.1	54.3	81.5

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#50

Toluene-d8

Concen: 49.570 ug/l

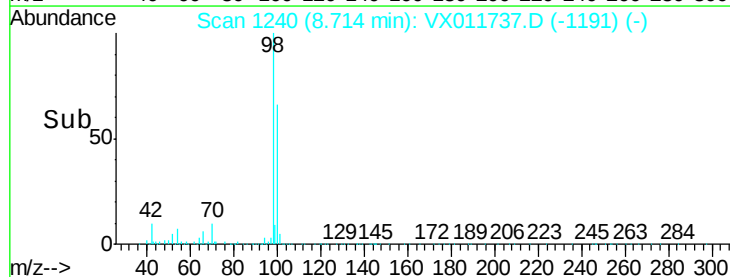
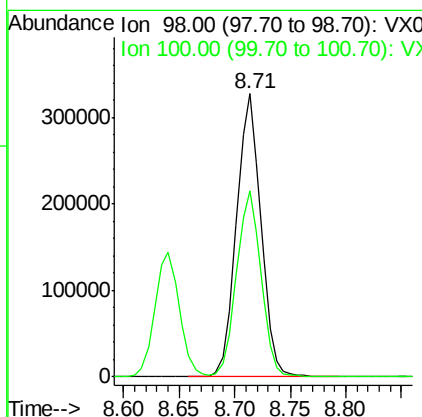
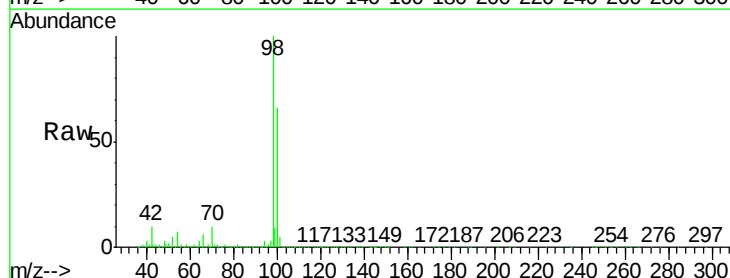
RT: 8.71 min Scan# 1240

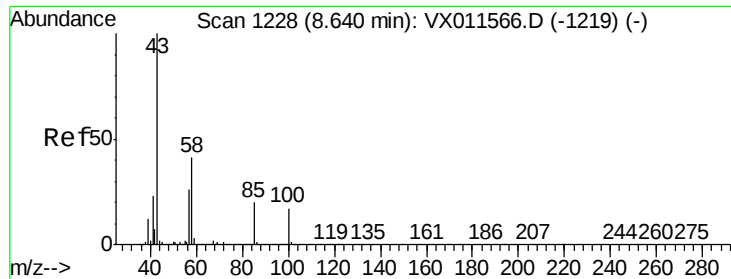
Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	98	Resp:	497131
Ion Ratio		Lower	Upper
98	100		
100	65.9	52.4	78.6





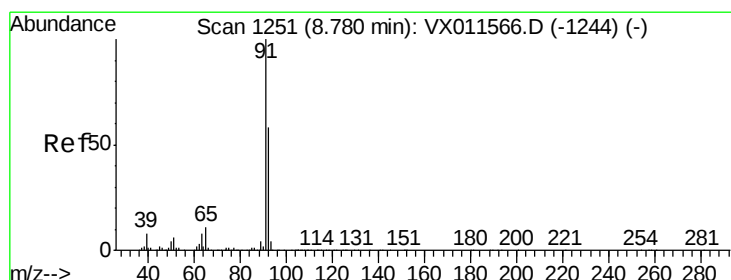
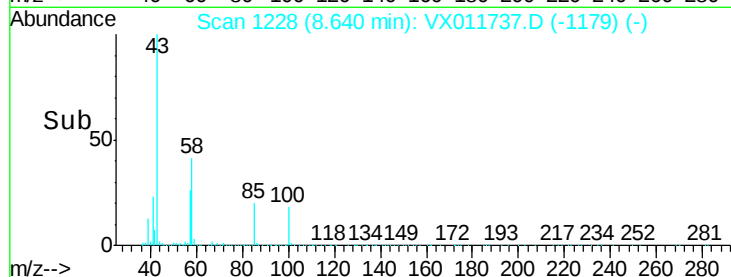
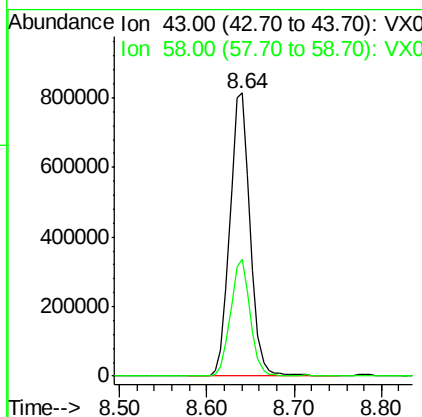
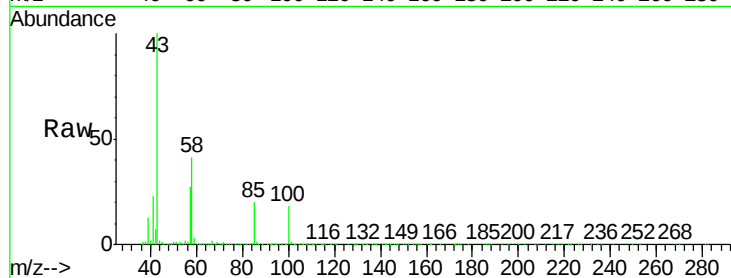
#51
4-Methyl-2-Pentanone
Concen: 265.736 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1313596
Ion Ratio Lower Upper
43 100
58 40.2 31.8 47.6

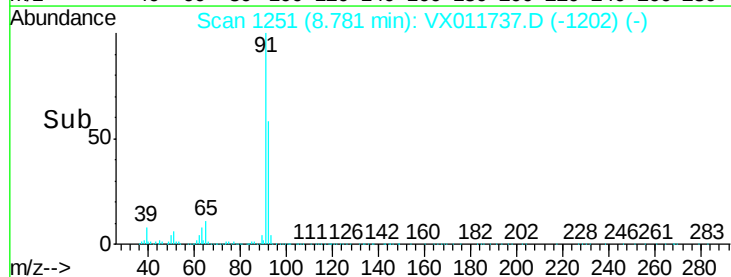
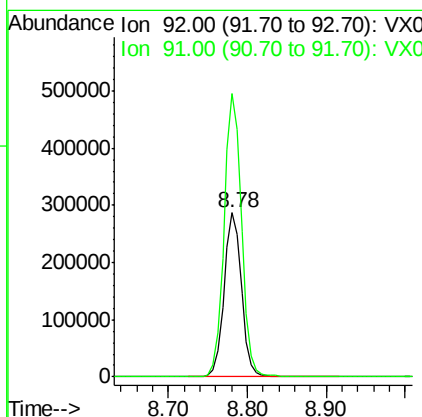
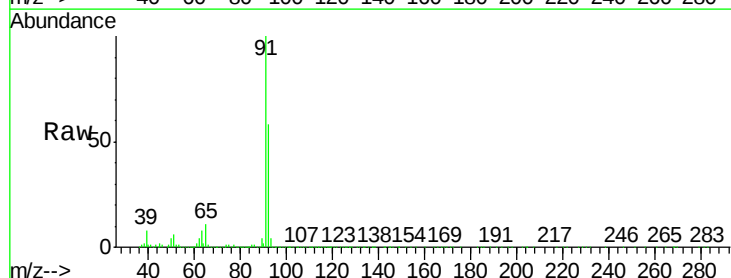
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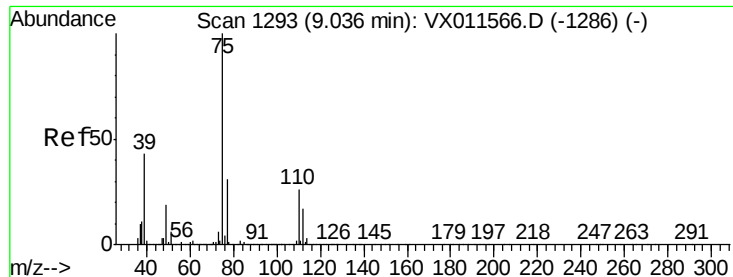
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#52
Toluene
Concen: 52.537 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion: 92 Resp: 437616
Ion Ratio Lower Upper
92 100
91 173.0 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 55.067 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 248647

Ion Ratio Lower Upper

75 100

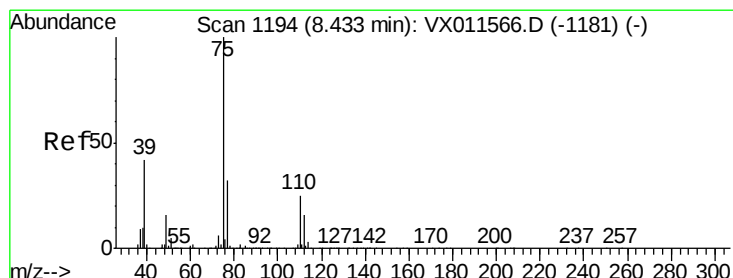
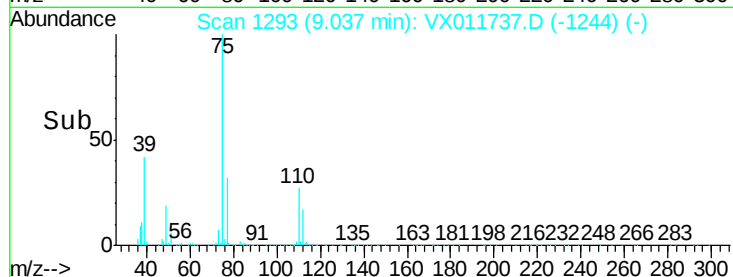
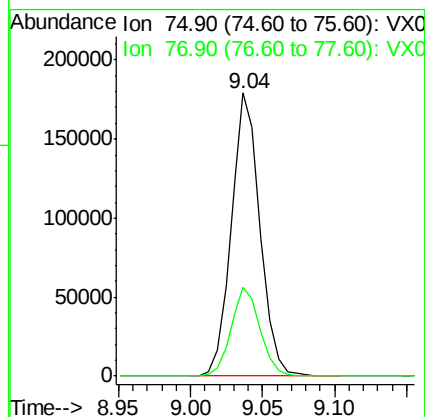
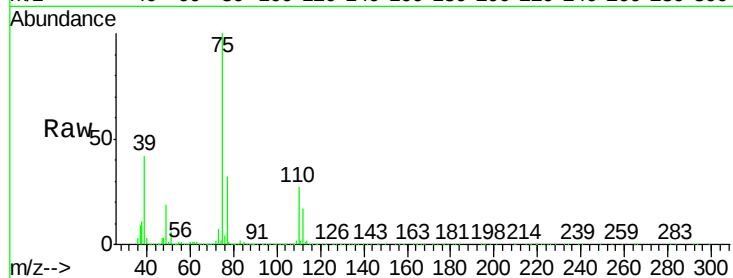
77 31.4 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 55.724 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

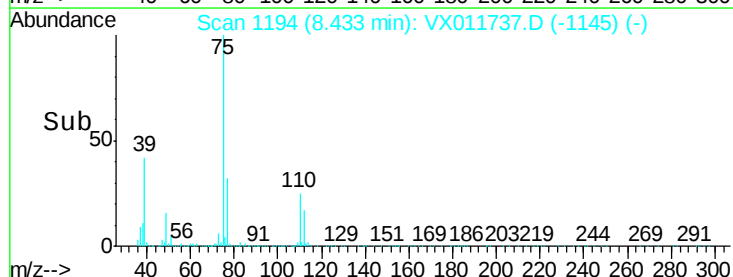
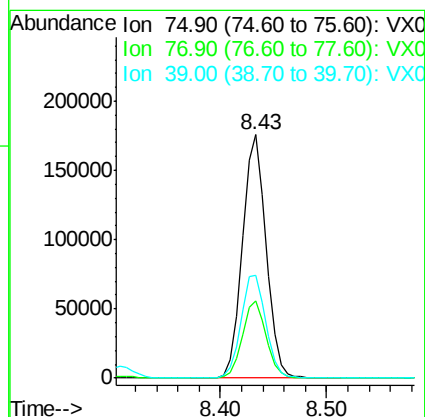
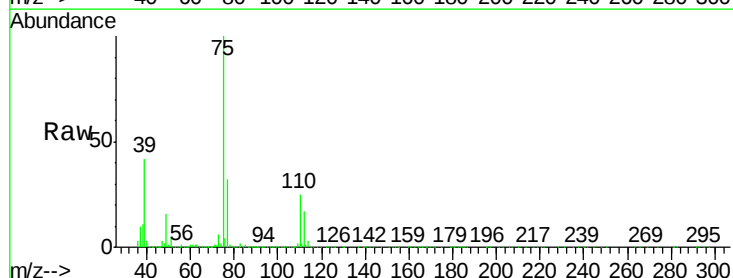
Tgt Ion: 75 Resp: 275360

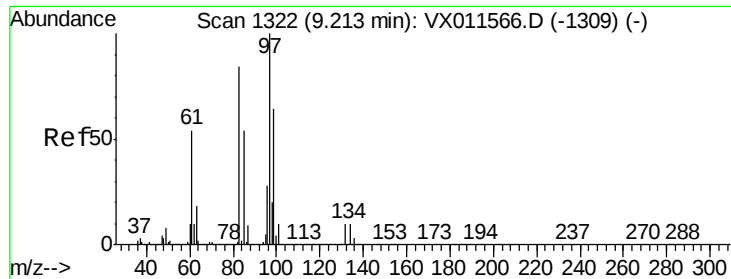
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 42.0 33.6 50.4





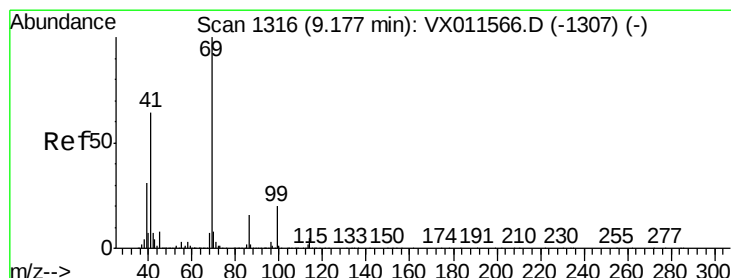
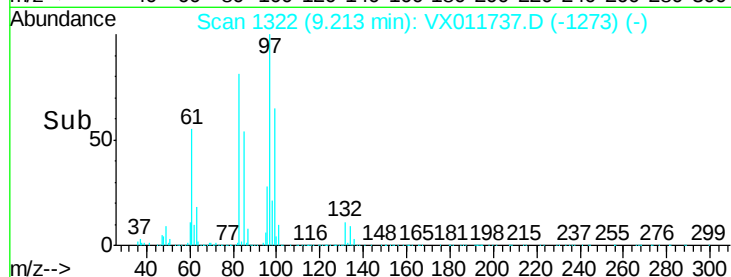
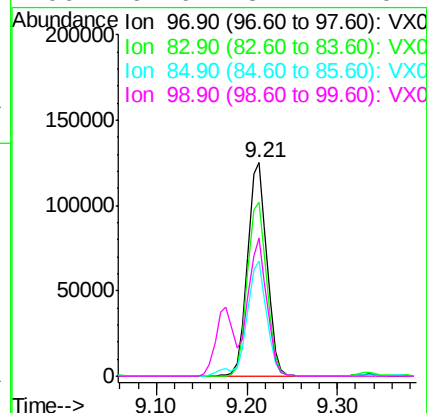
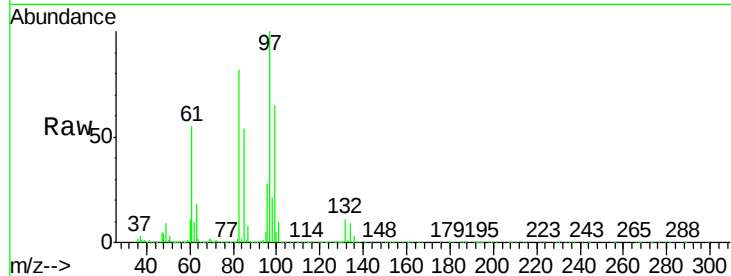
#55
 1,1,2-Trichloroethane
 Concen: 52.144 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
97	100	184706		
83	81.5	67.4	101.0	
85	54.0	43.4	65.2	
99	64.9	51.1	76.7	

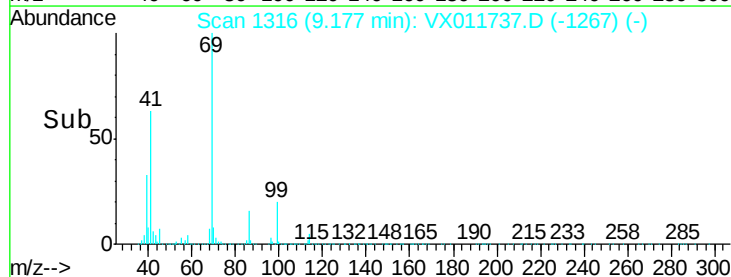
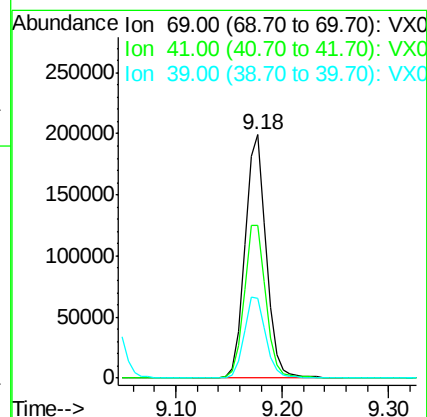
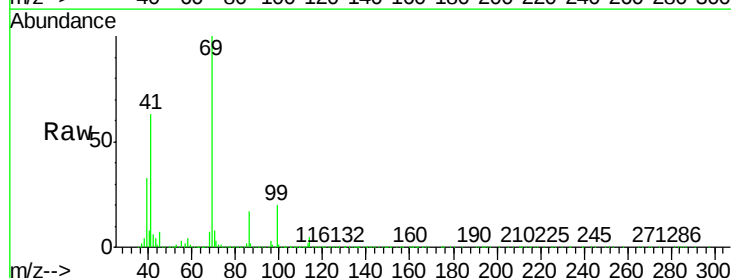
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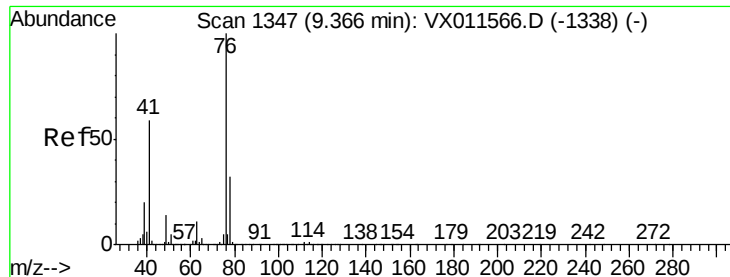
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#56
 Ethyl methacrylate
 Concen: 53.737 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	276661		
41	64.4	52.1	78.1	
39	34.1	25.4	38.0	





#57

1,3-Dichloropropane

Concen: 51.236 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 288494

Ion Ratio Lower Upper

76 100

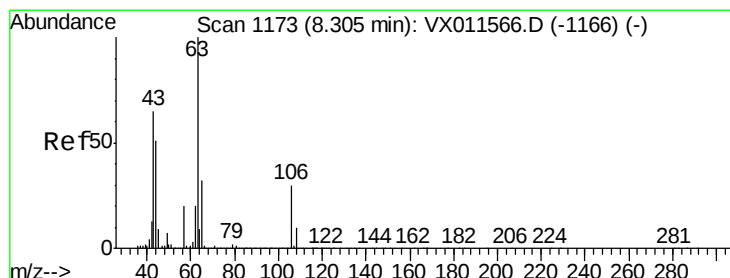
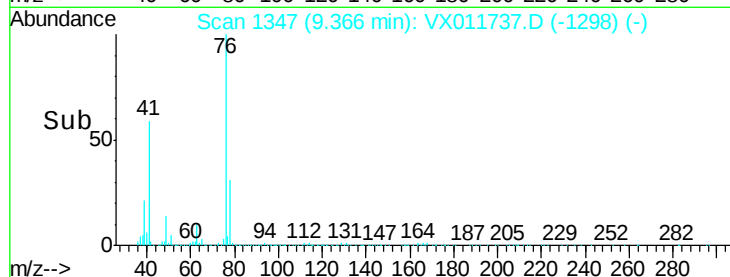
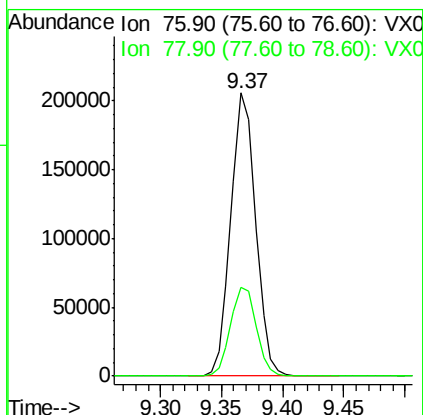
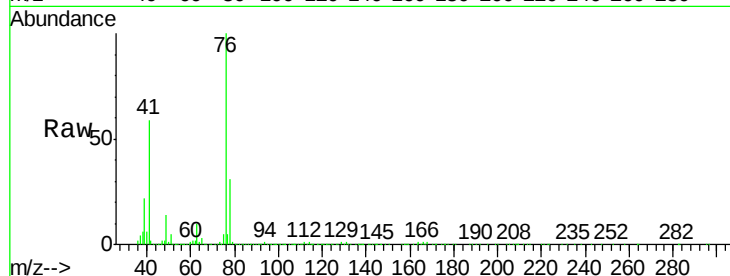
78 32.7 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 269.173 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011737.D

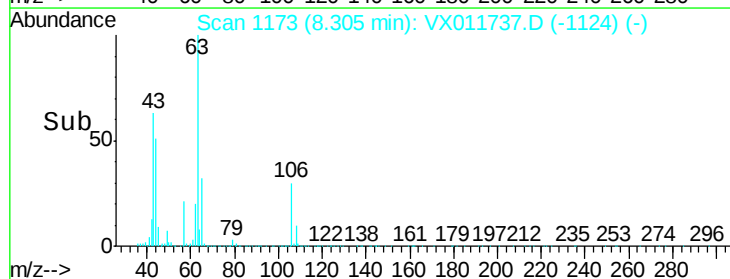
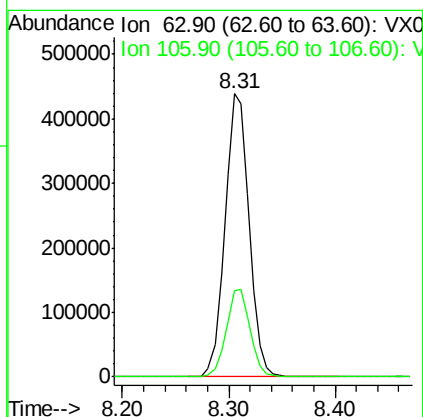
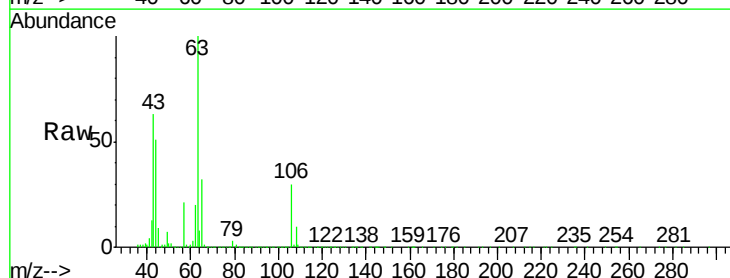
Acq: 21 Aug 2019 17:28

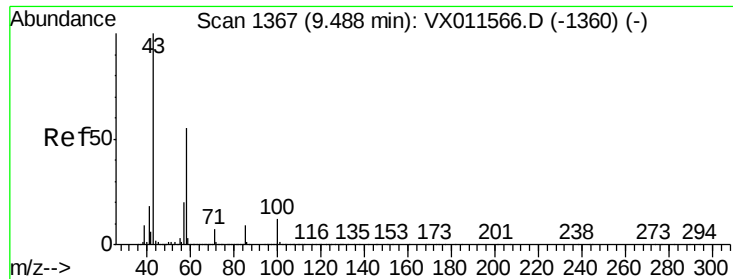
Tgt Ion: 63 Resp: 690498

Ion Ratio Lower Upper

63 100

106 30.7 24.7 37.1





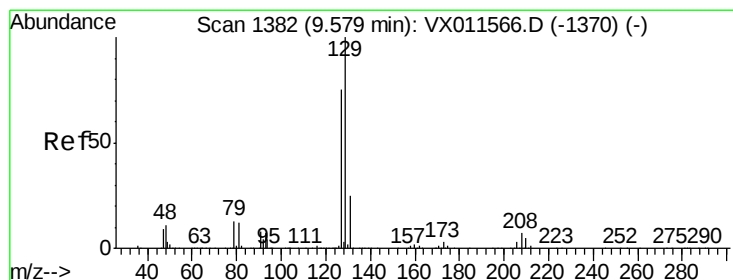
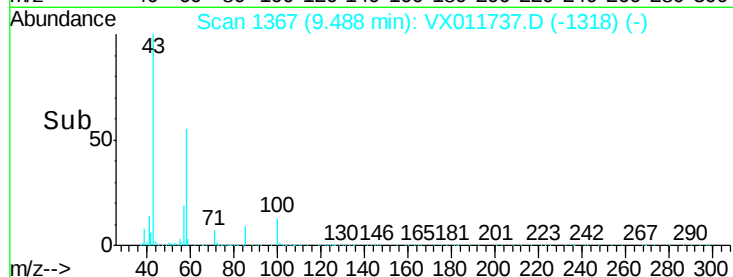
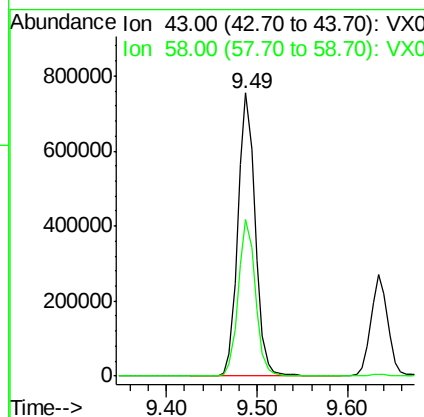
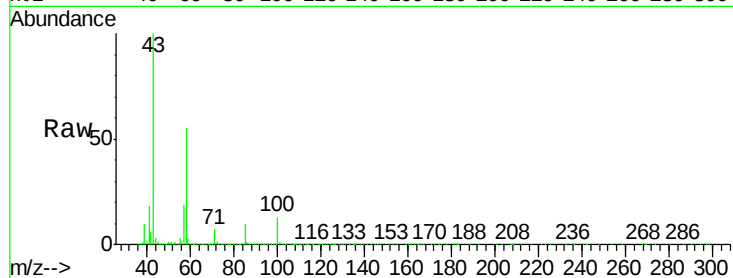
#59
2-Hexanone
Concen: 261.461 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.5	82.4

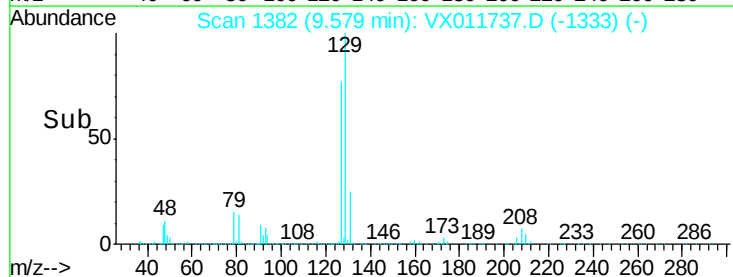
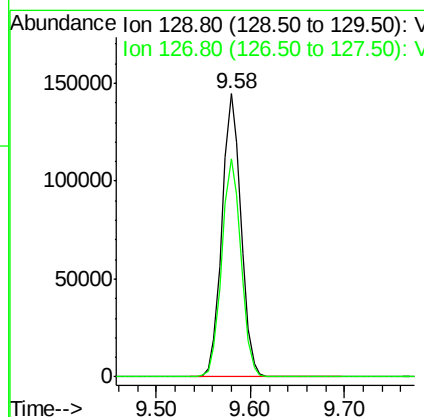
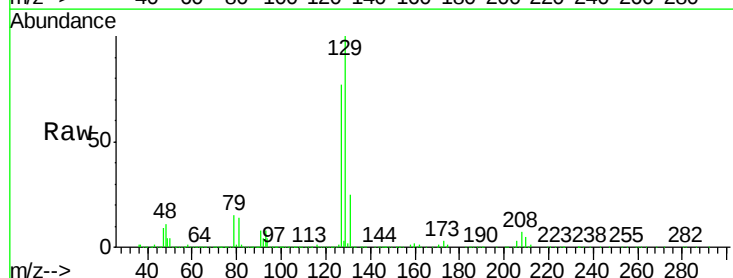
Manual Integrations
APPROVED

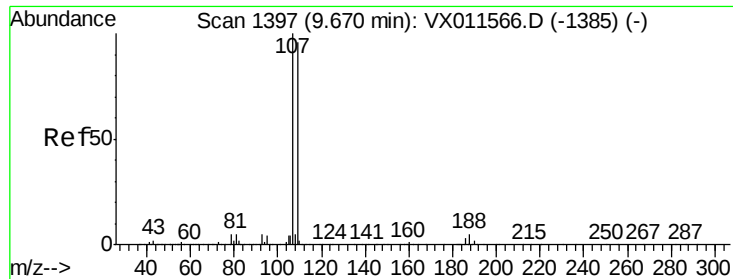
MMDadoda
8/22/2019 10:01:20 AM



#60
Dibromochloromethane
Concen: 54.888 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.0	114.1





#61

1,2-Dibromoethane

Concen: 51.607 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 195096

Ion Ratio Lower Upper

107 100

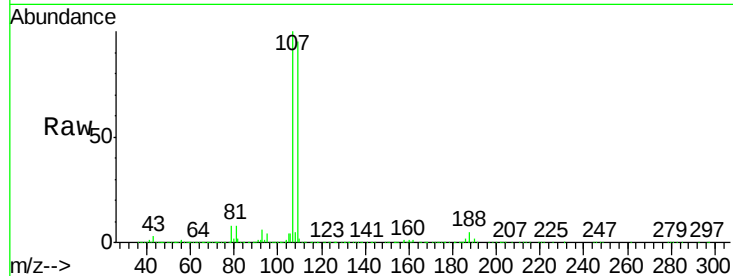
109 97.1 76.2 114.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

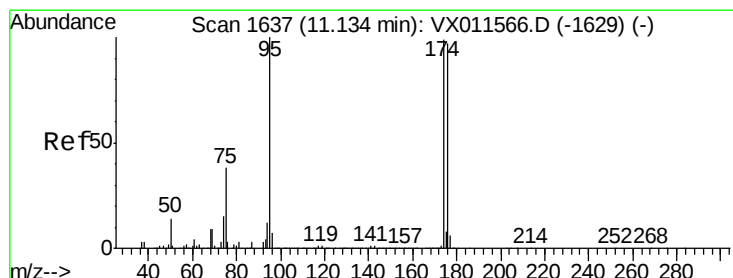
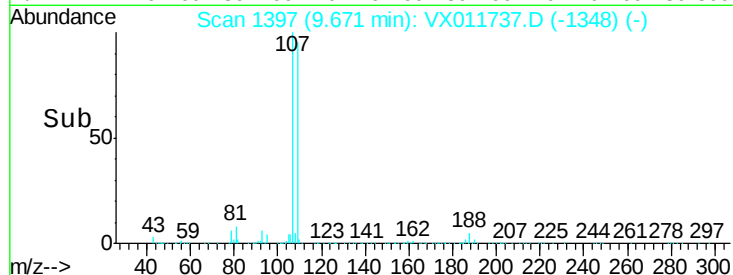
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

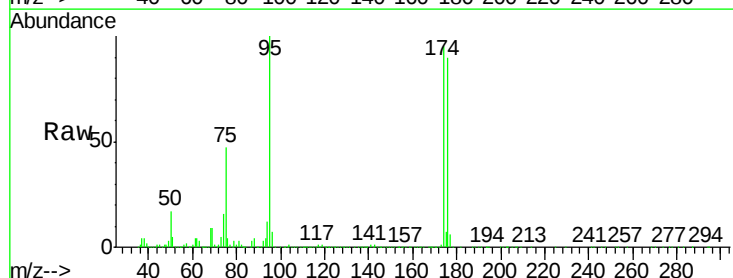
Tgt Ion: 95 Resp: 209459

Ion Ratio Lower Upper

95 100

174 97.0 0.0 200.6

176 94.4 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

200000

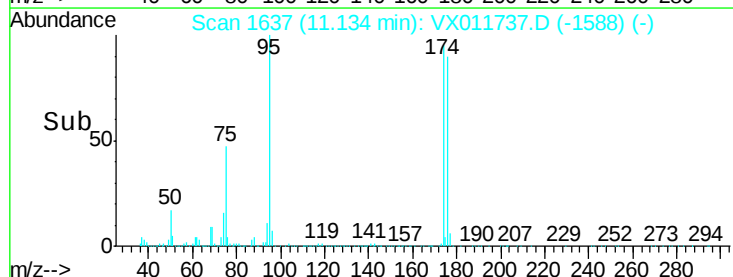
150000

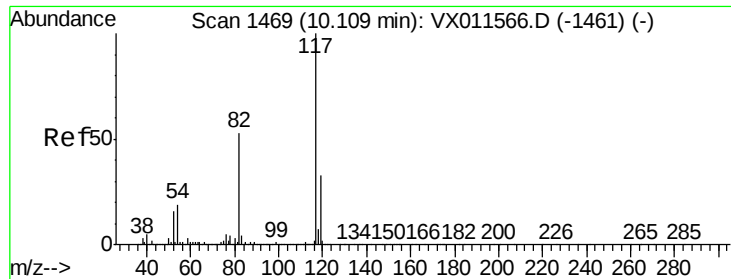
100000

50000

0

Time-->





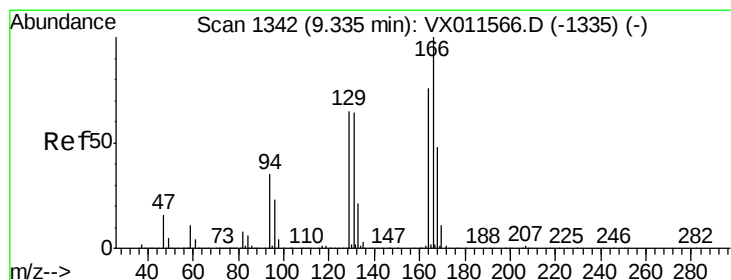
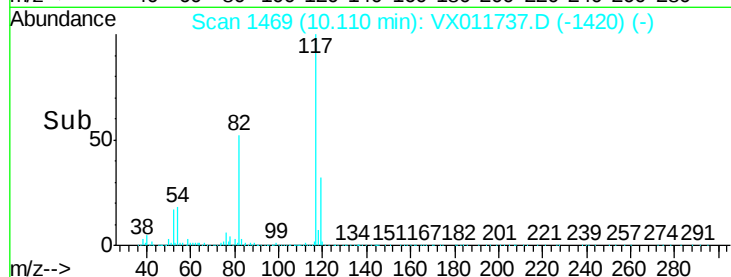
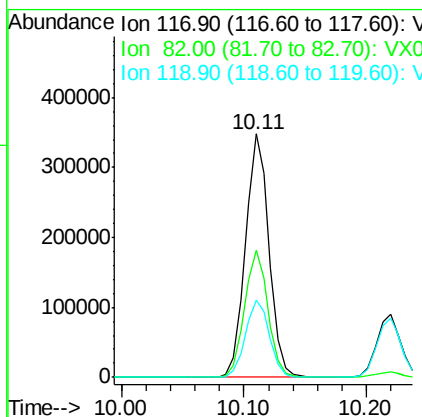
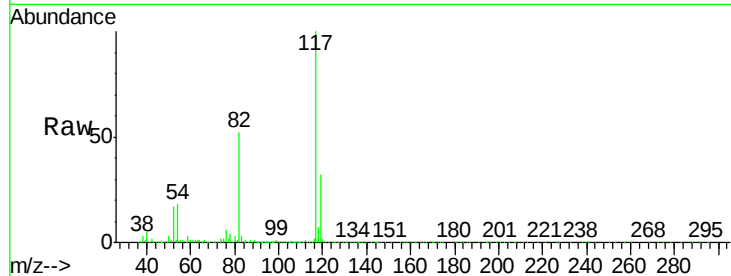
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	463139		
82	52.2	42.0	63.0	
119	31.6	26.5	39.7	

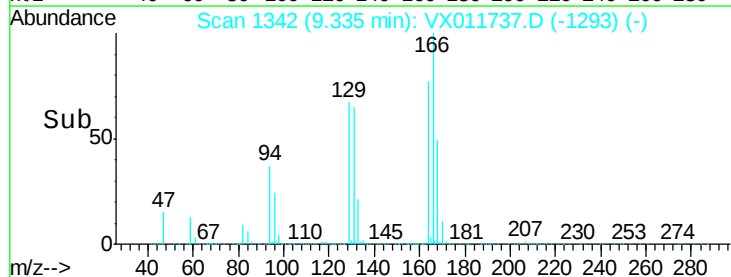
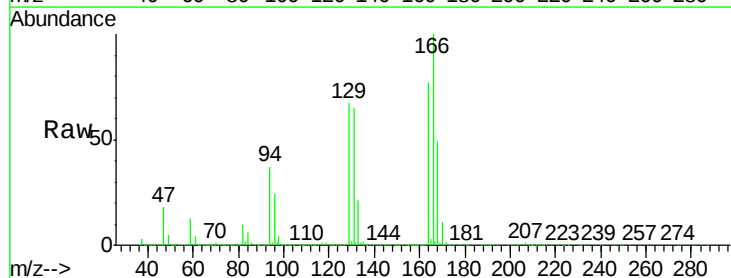
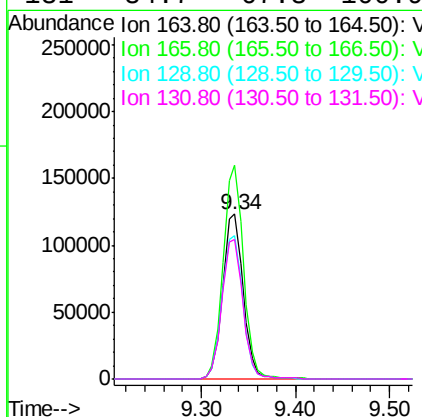
Manual Integrations
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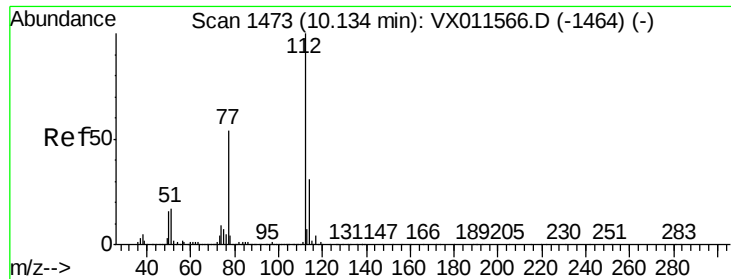
MMDadoda
8/22/2019 10:01:20 AM



#64
Tetrachloroethene
Concen: 48.996 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	186185		
166	129.7	104.7	157.1	
129	86.8	68.2	102.4	
131	84.7	67.3	100.9	





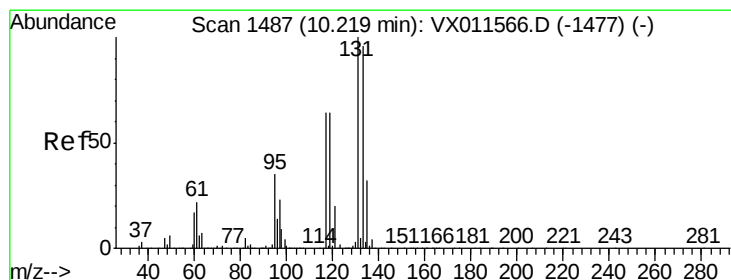
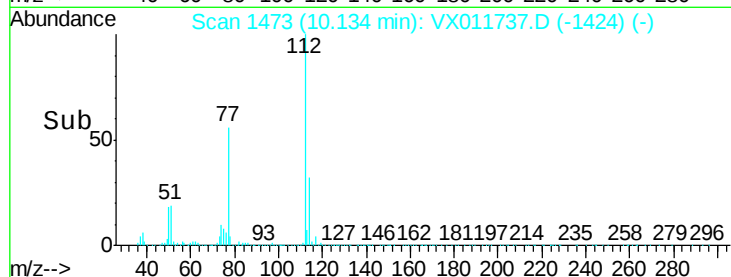
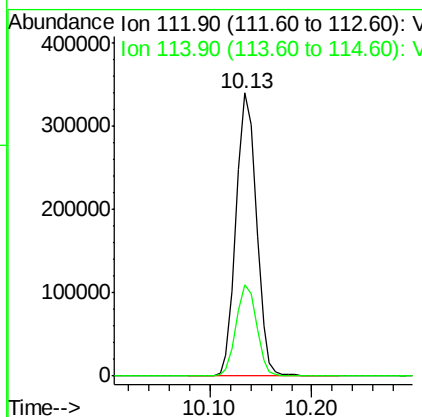
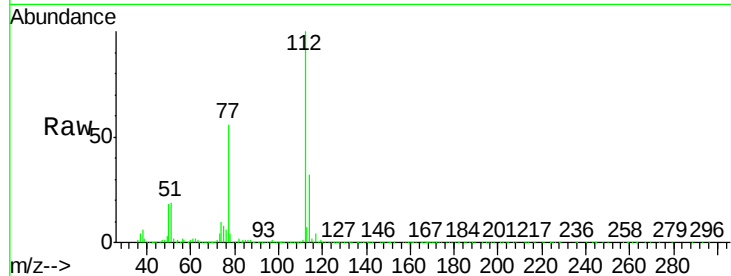
#65
Chlorobenzene
Concen: 47.453 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.6

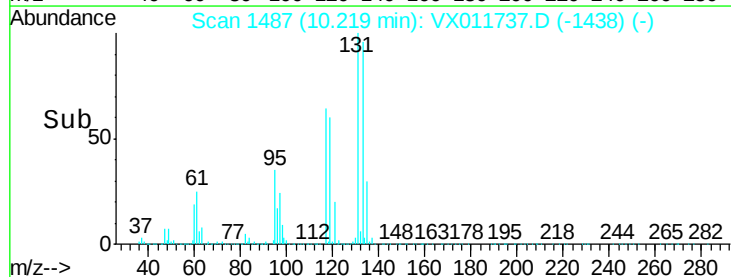
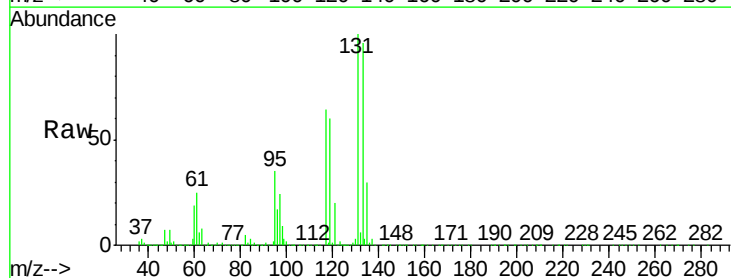
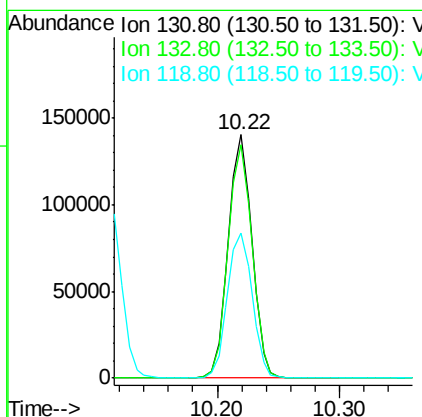
Manual Integrations
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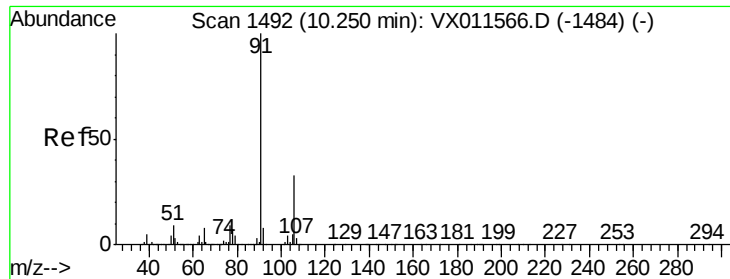
MMDadoda
8/22/2019 10:01:20 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.099 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	48.1	144.4
119	62.4	31.3	93.8





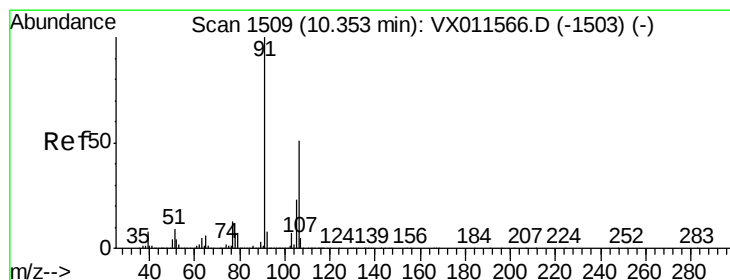
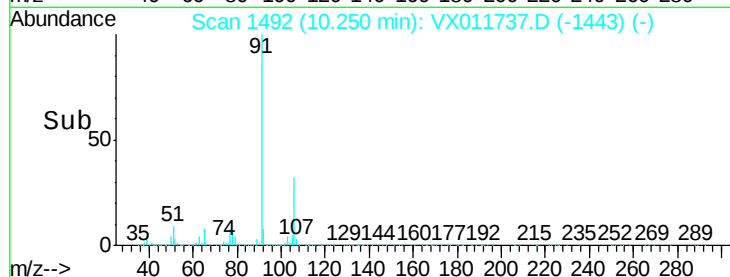
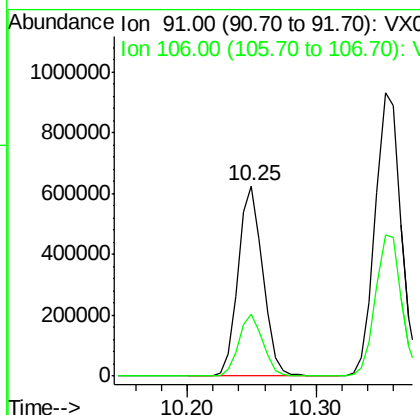
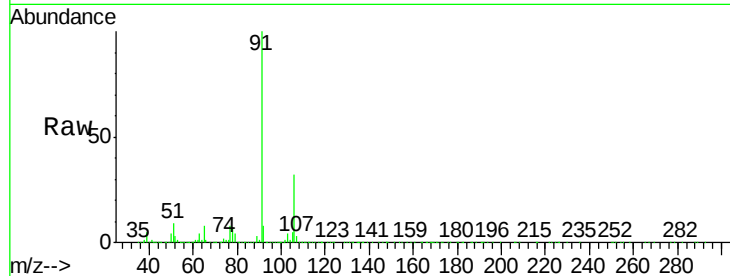
#67
Ethyl Benzene
Concen: 50.364 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 830309
Ion Ratio Lower Upper
91 100
106 32.4 26.0 39.0

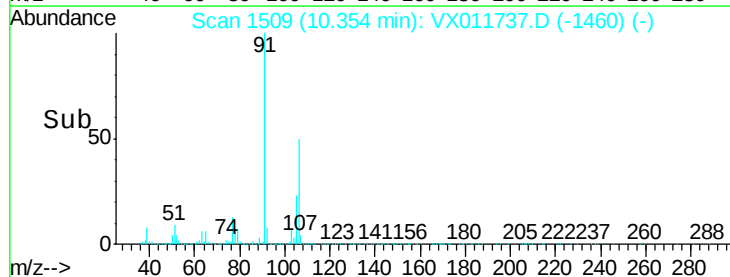
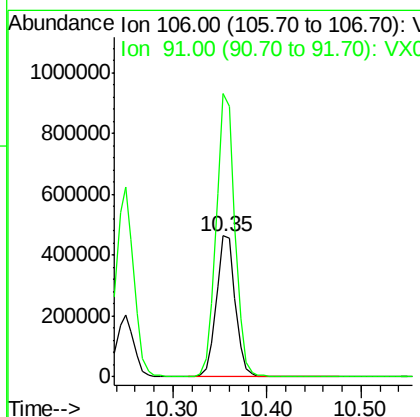
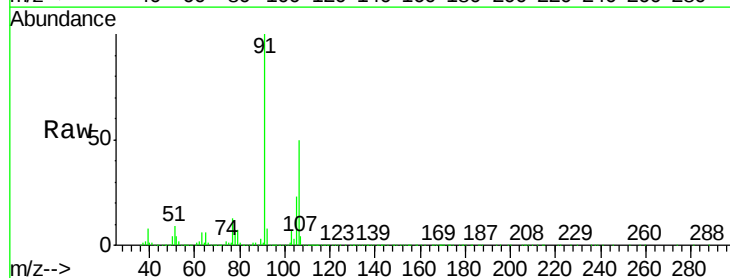
Manual Integrations
APPROVED

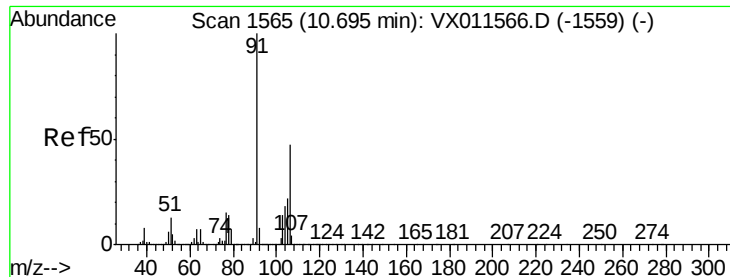
MMDadoda
8/22/2019 10:01:20 AM



#68
m/p-Xylenes
Concen: 101.520 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion: 106 Resp: 642438
Ion Ratio Lower Upper
106 100
91 199.5 156.0 234.0





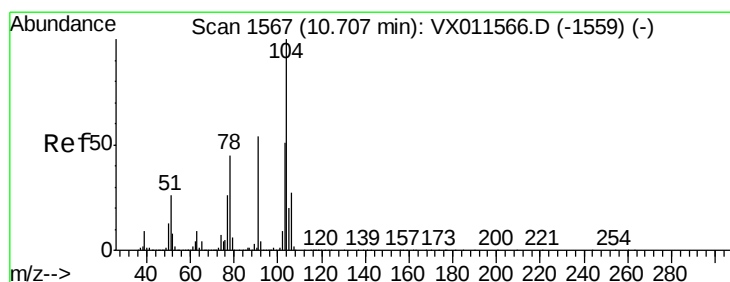
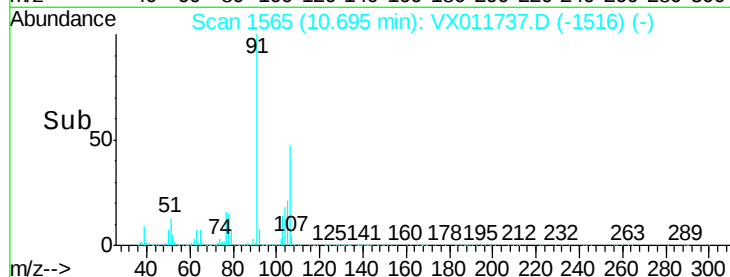
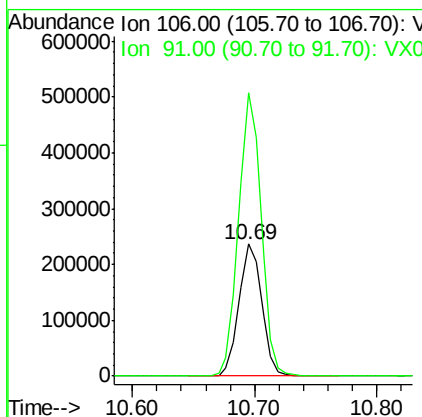
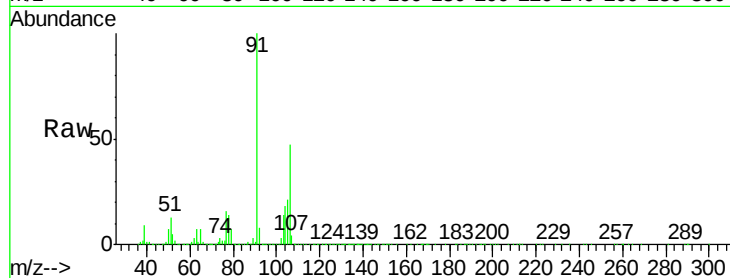
#69
o-Xylene
Concen: 49.261 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	305350		
91	211.9	105.5	316.4	

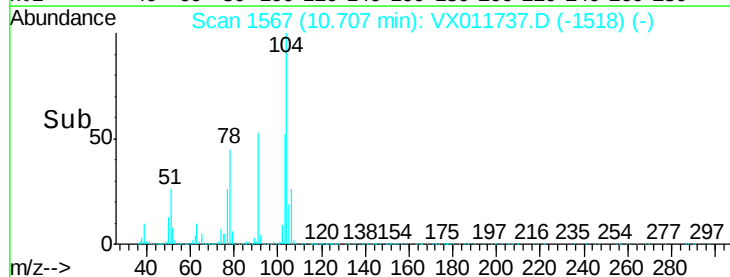
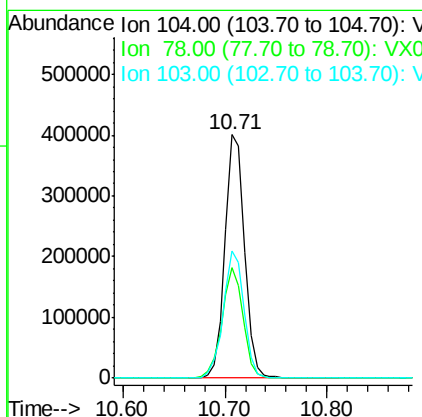
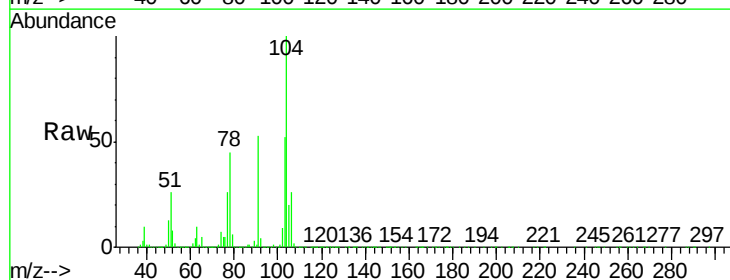
Manual Integrations
APPROVED

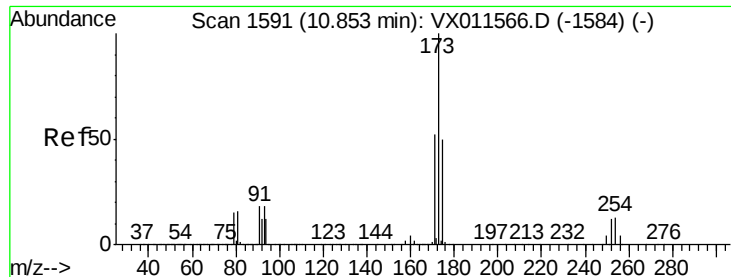
MMDadoda
8/22/2019 10:01:20 AM



#70
Styrene
Concen: 51.146 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	533713		
78	48.8	38.2	57.4	
103	55.2	43.6	65.4	





#71

Bromoform

Concen: 46.434 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

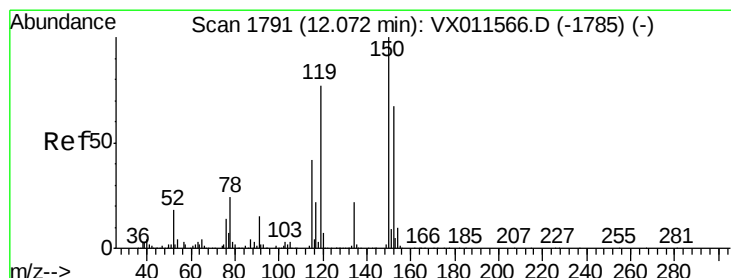
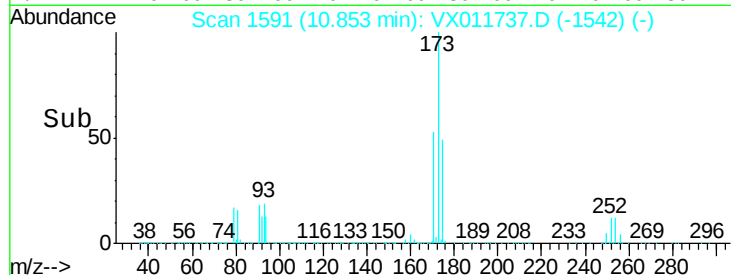
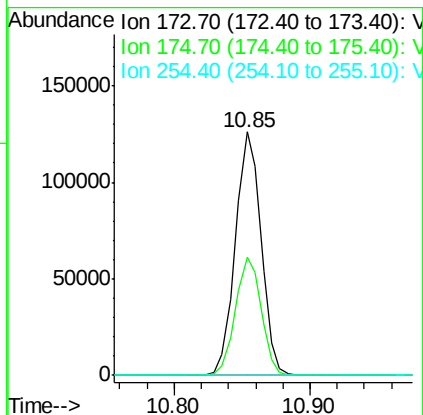
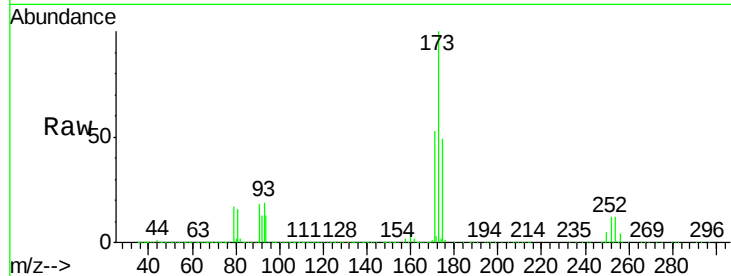
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	165702
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.9	74.7
254	0.3	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

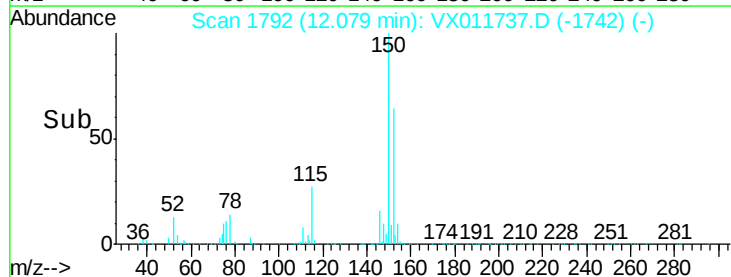
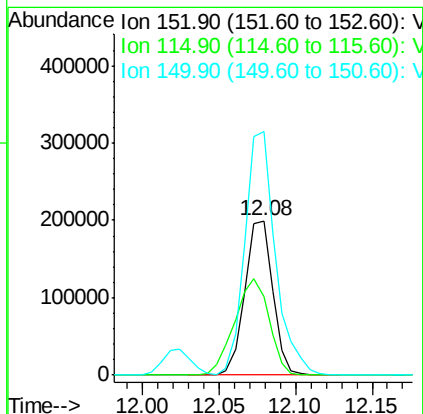
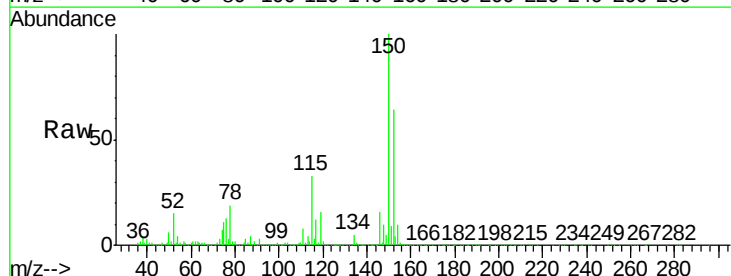
RT: 12.08 min Scan# 1792

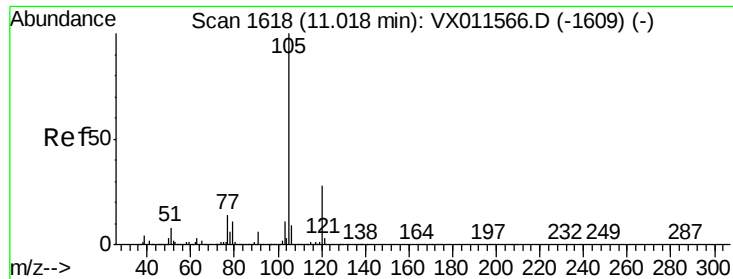
Delta R.T. 0.01 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	152	Resp:	252853
Ion Ratio	Lower	Upper	
152	100		
115	76.8	37.3	111.9
150	172.4	0.0	346.2





#73

Isopropylbenzene

Concen: 51.993 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 853056

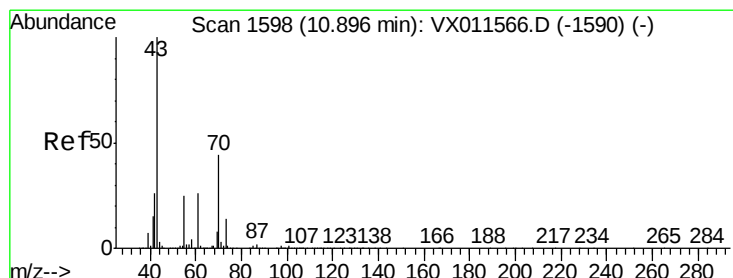
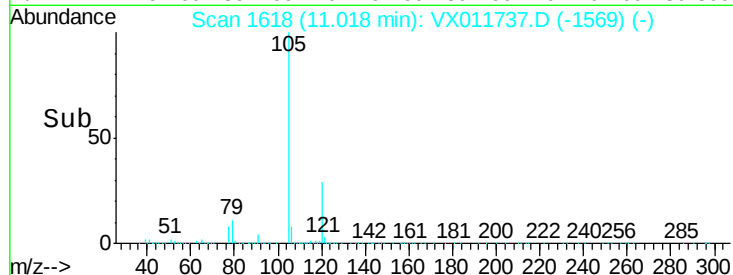
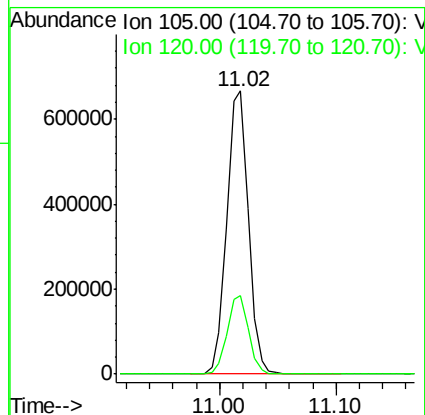
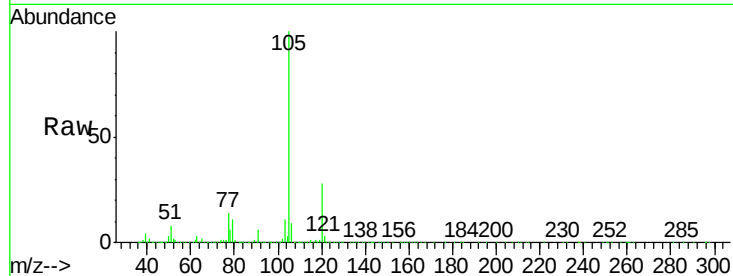
Ion Ratio Lower Upper

105 100

120 27.6 14.0 41.9

Manual Integrations
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#74

N-ethyl acetate

Concen: 49.162 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion: 43 Resp: 342787

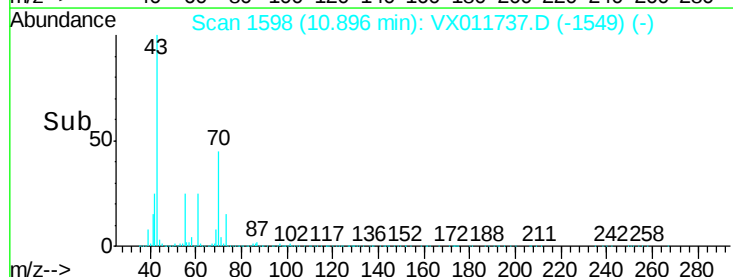
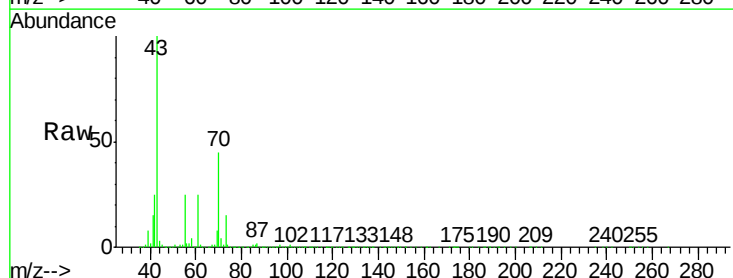
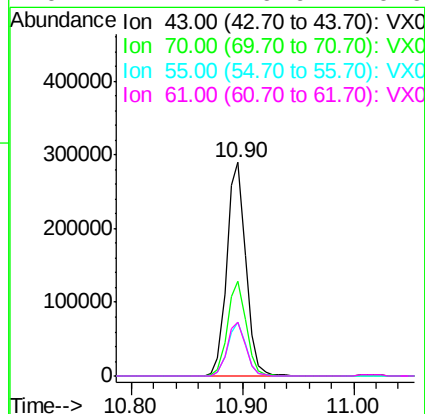
Ion Ratio Lower Upper

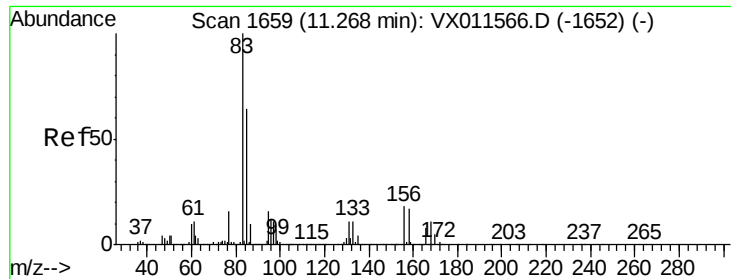
43 100

70 43.5 34.7 52.1

55 24.5 19.6 29.4

61 24.4 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.119 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

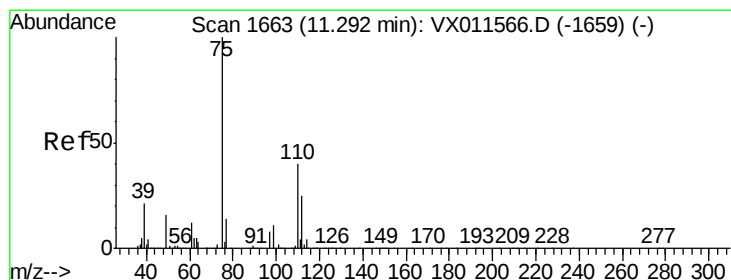
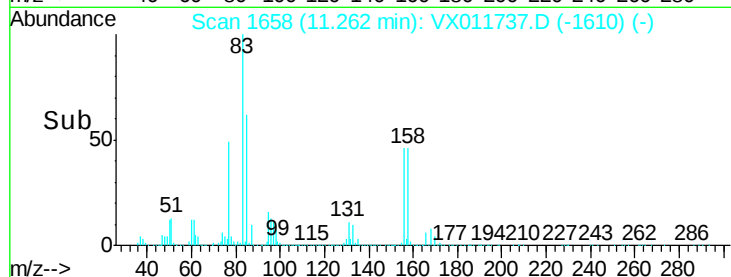
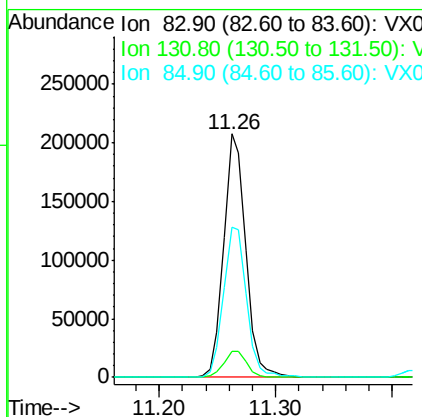
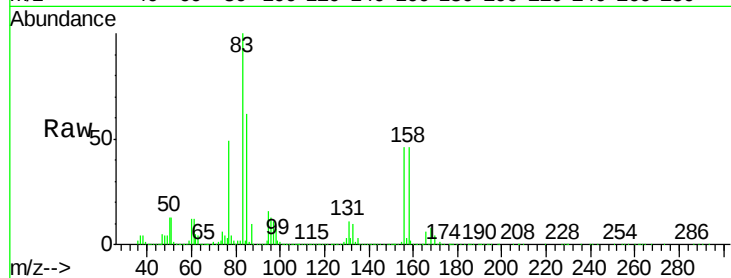
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	271589
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.3
85	64.7	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 49.718 ug/l m

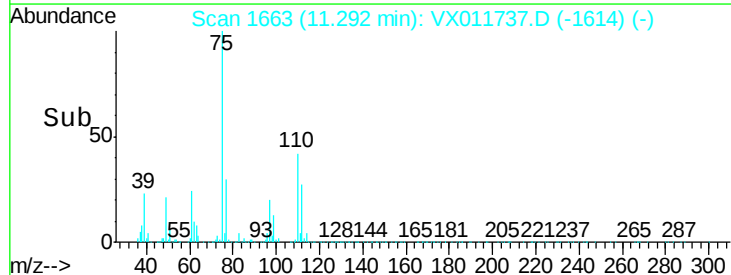
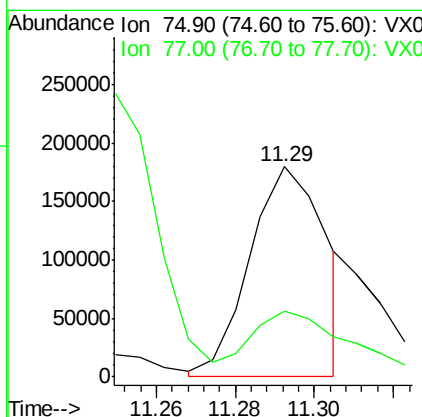
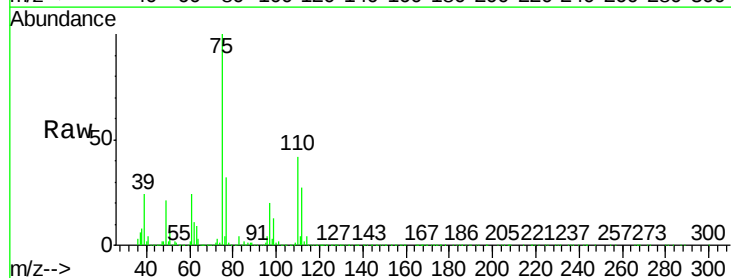
RT: 11.29 min Scan# 1663

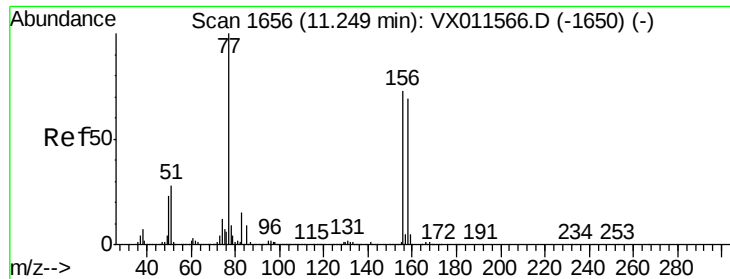
Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	75	Resp:	238384
Ion Ratio	Lower	Upper	
75	100		
77	41.1	20.9	62.8





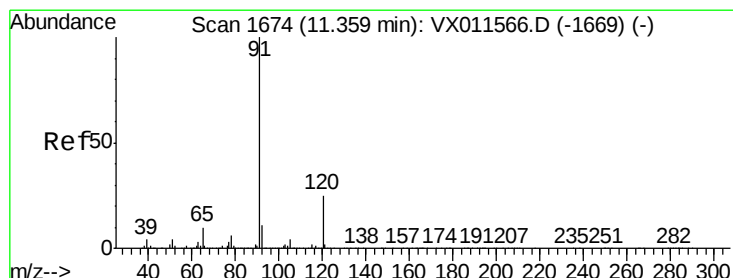
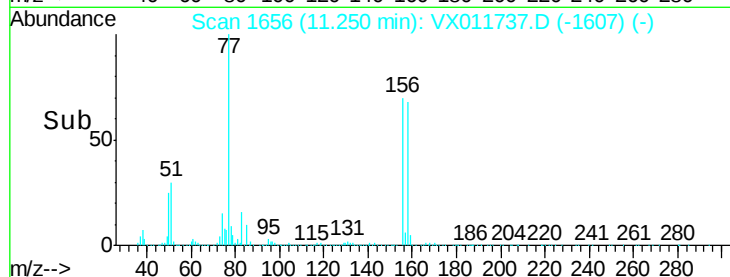
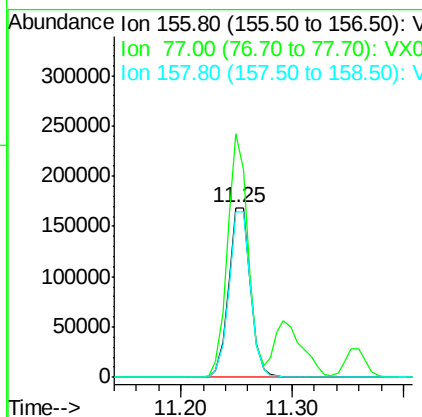
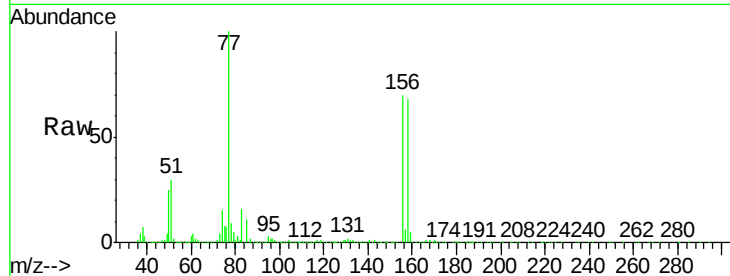
#77
Bromobenzene
Concen: 46.590 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.4	64.6	193.9
158	97.1	48.4	145.3

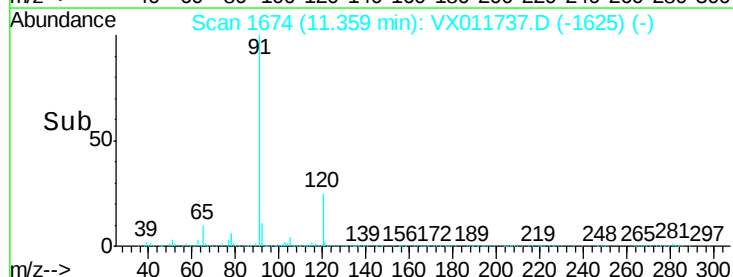
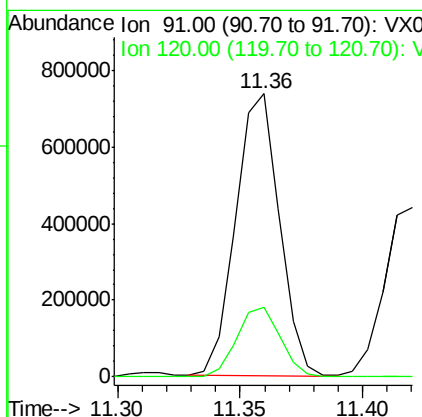
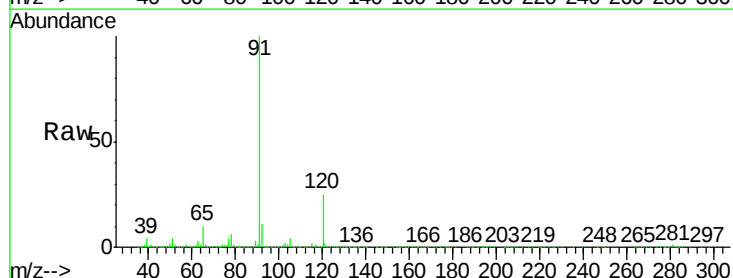
Manual Integrations
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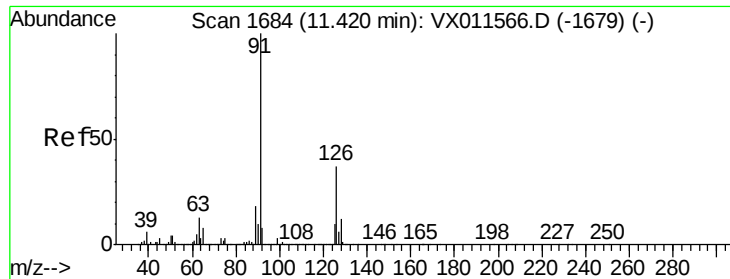
MMDadoda
8/22/2019 10:01:20 AM



#78
n-propylbenzene
Concen: 51.698 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.6	37.6





#79

2-Chlorotoluene

Concen: 51.467 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 559127

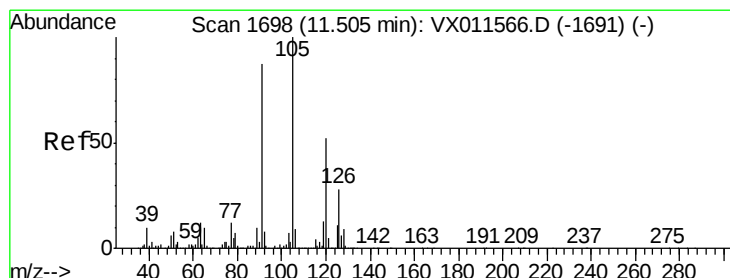
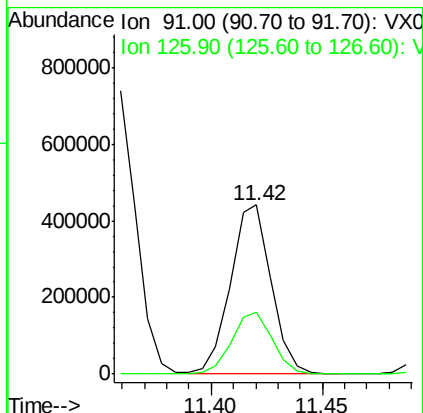
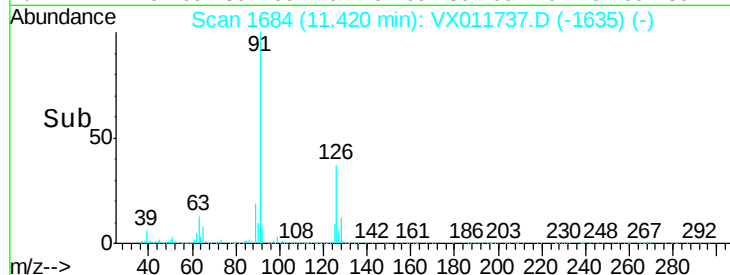
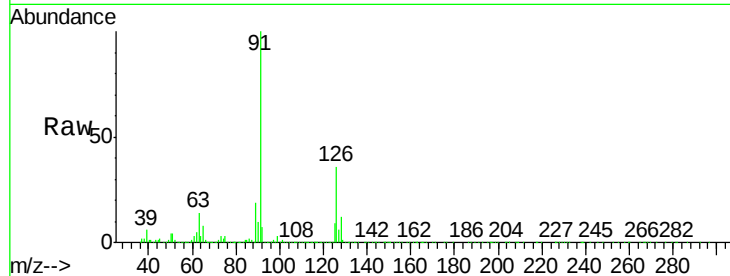
Ion Ratio Lower Upper

91 100

126 36.8 18.4 55.0

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#80

1,3,5-Trimethylbenzene

Concen: 52.135 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011737.D

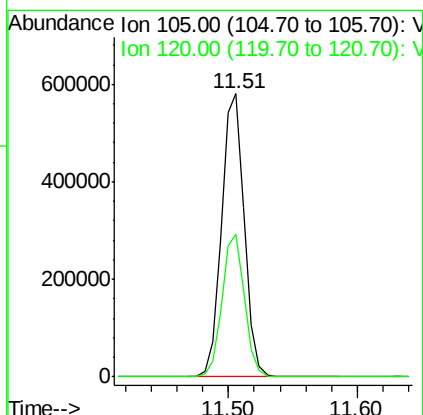
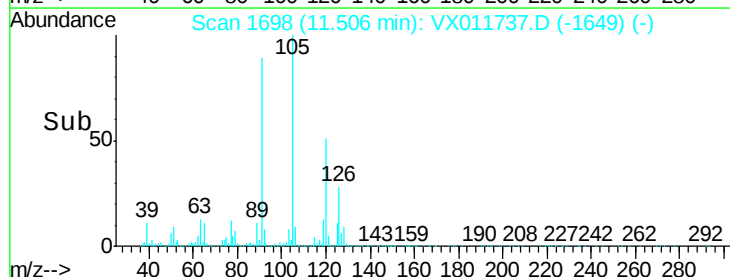
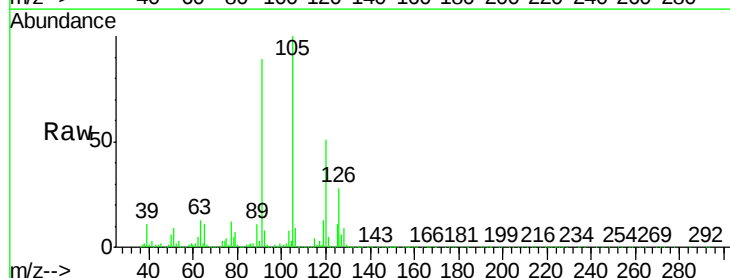
Acq: 21 Aug 2019 17:28

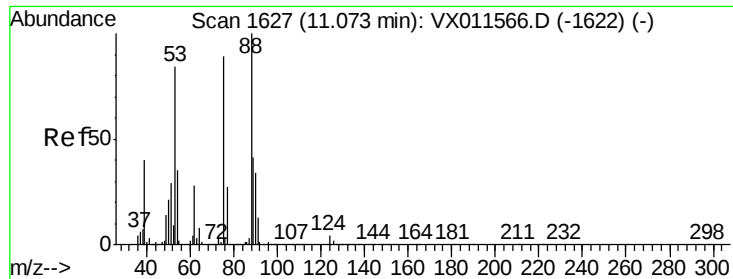
Tgt Ion: 105 Resp: 718559

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.8





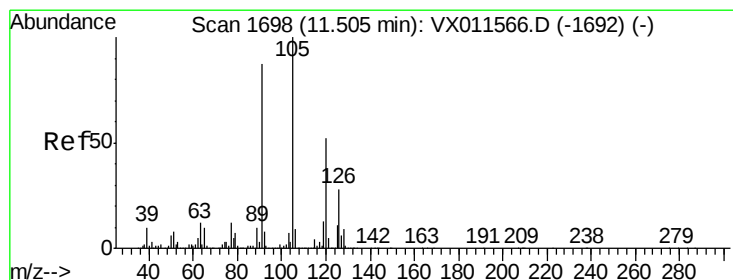
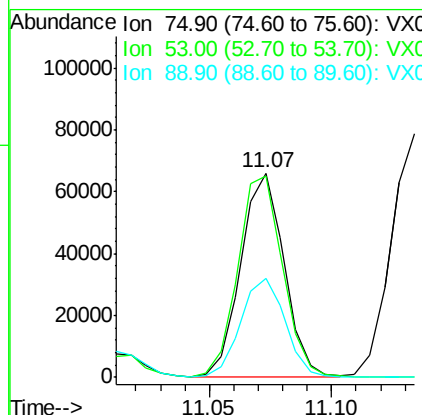
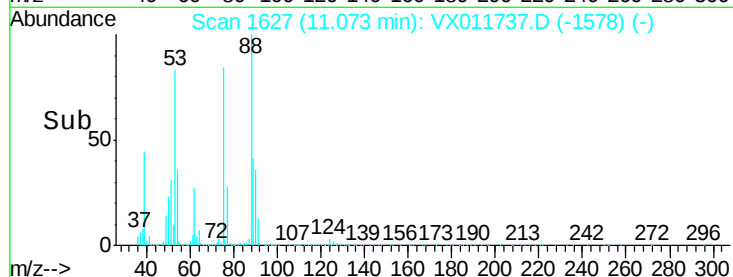
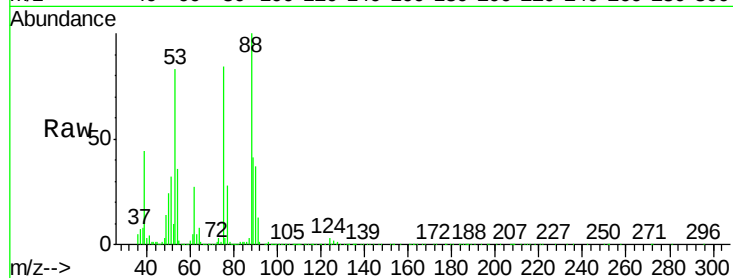
#81
trans-1,4-Dichloro-2-butene
Concen: 45.880 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.9	77.4	116.0
89	50.4	37.3	55.9

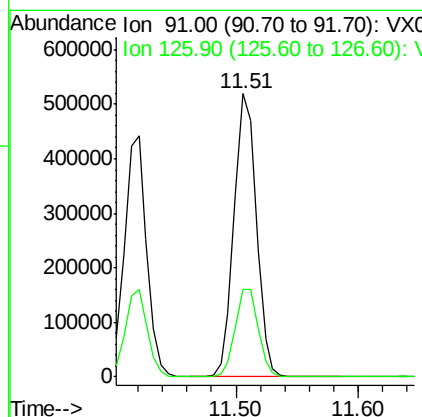
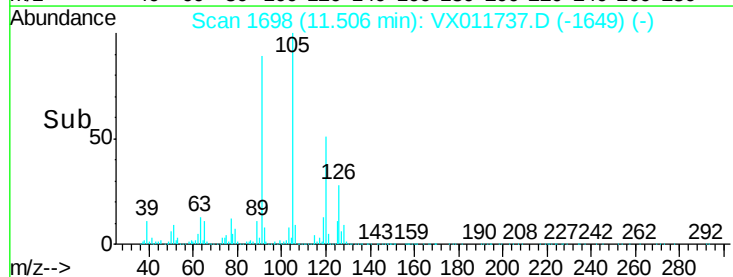
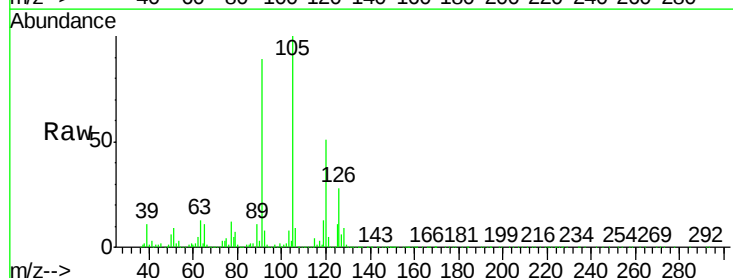
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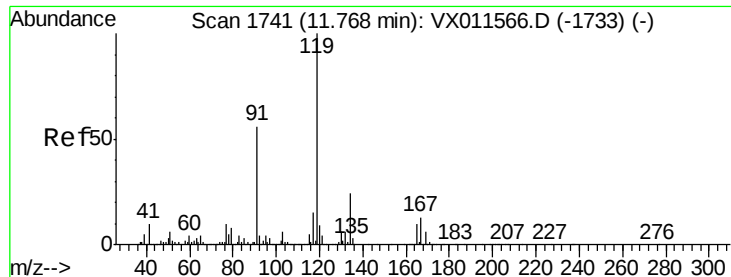
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.894 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.4	49.1





#83

tert-Butylbenzene

Concen: 50.757 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

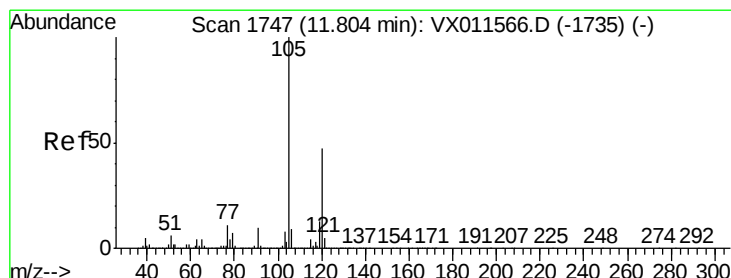
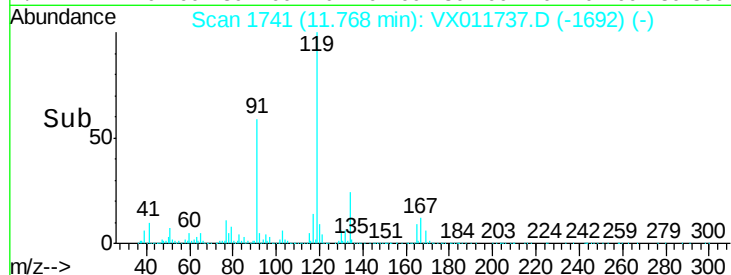
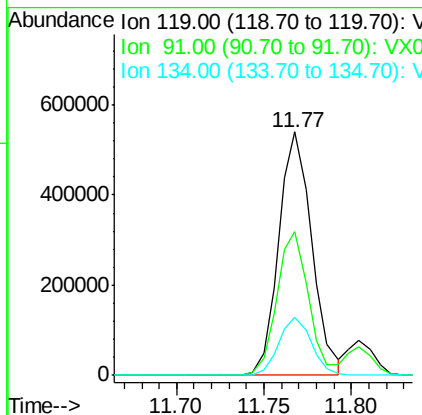
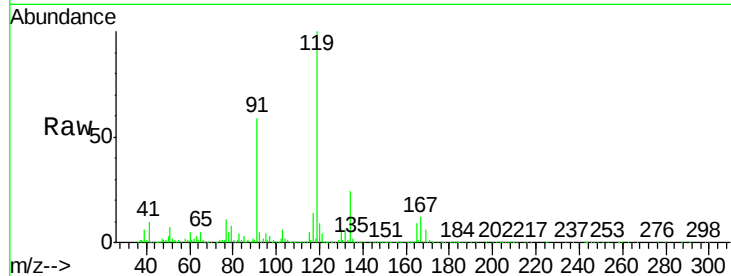
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	712499
Ion Ratio	Lower	Upper	
119	100		
91	56.9	27.1	81.3
134	23.5	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 52.475 ug/l

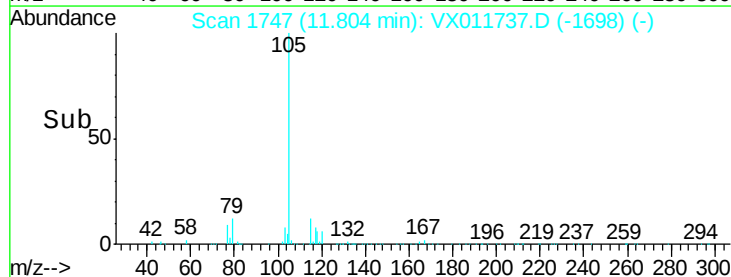
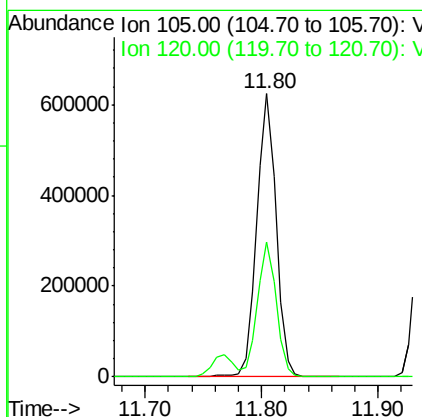
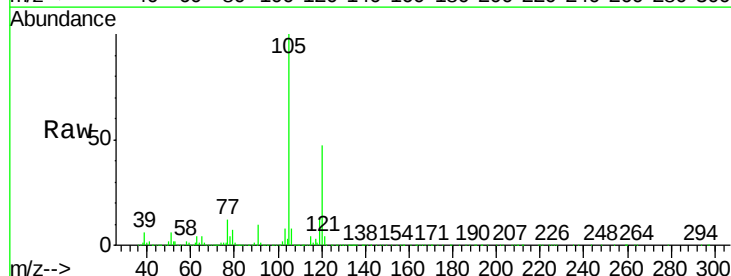
RT: 11.80 min Scan# 1747

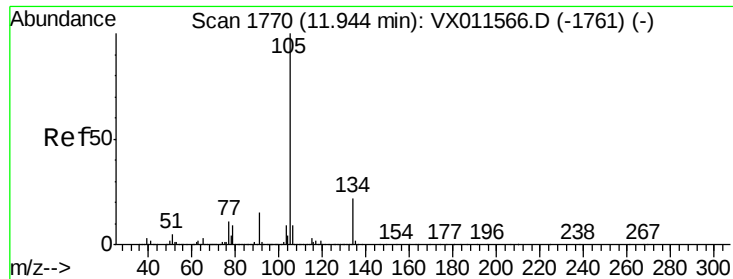
Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	105	Resp:	726085
Ion Ratio	Lower	Upper	
105	100		
120	46.6	23.3	69.9





#85

sec-Butylbenzene

Concen: 52.157 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 826033

Ion Ratio Lower Upper

105 100

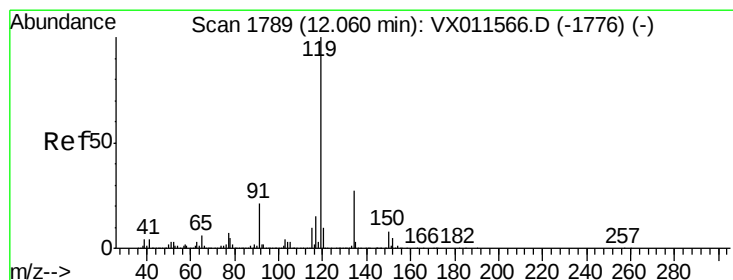
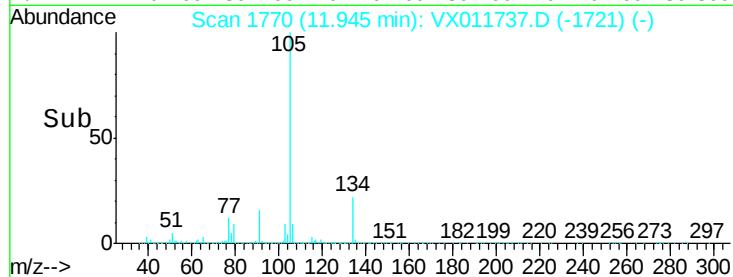
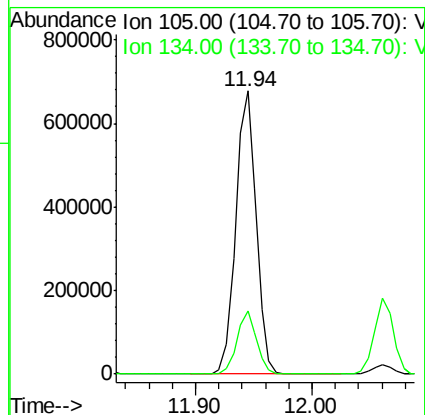
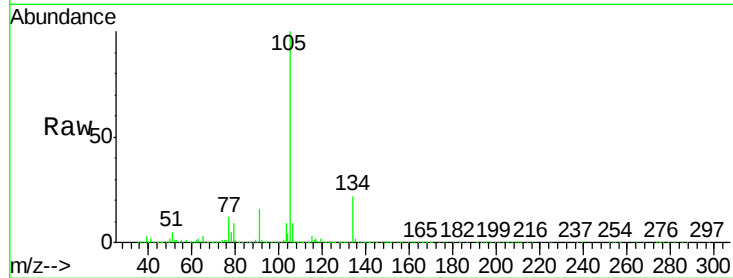
134 21.5 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 51.837 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

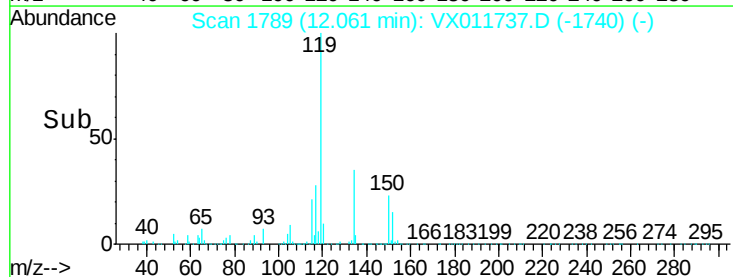
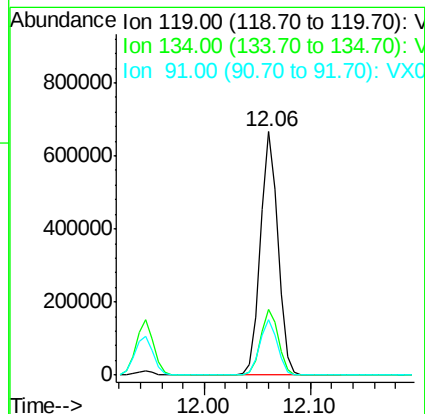
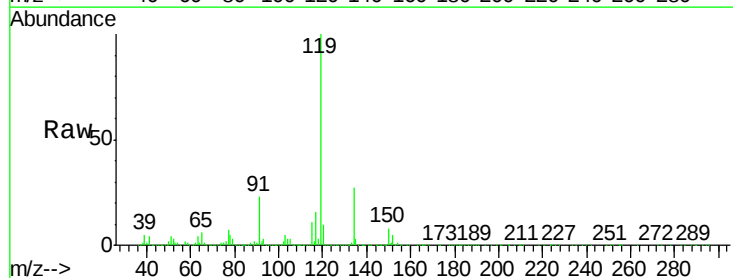
Tgt Ion:119 Resp: 772349

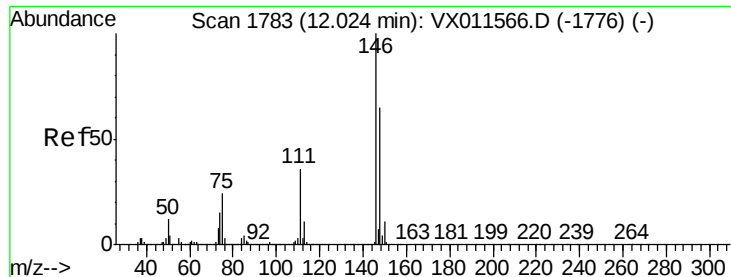
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 22.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 49.099 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

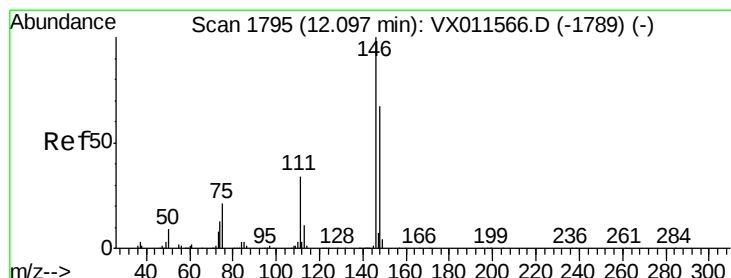
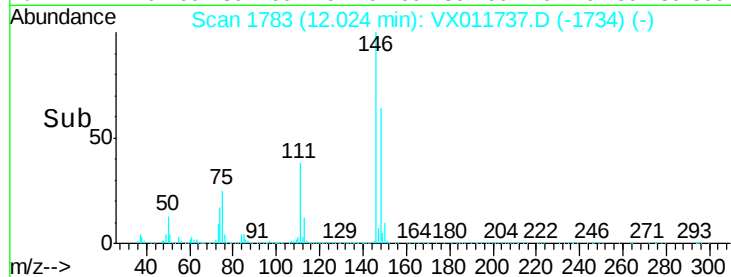
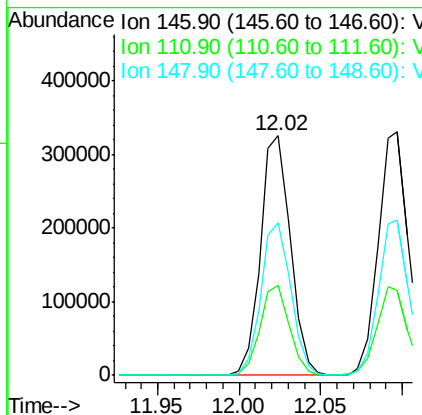
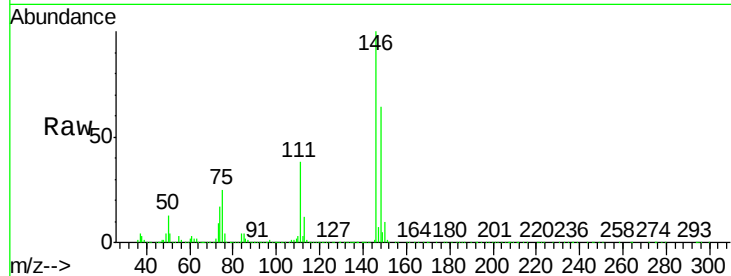
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	411969
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.1	54.4
148	63.7	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.684 ug/l

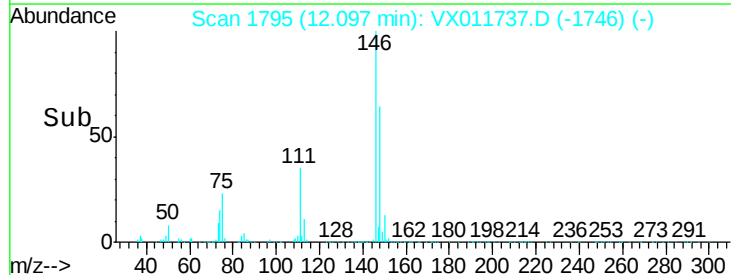
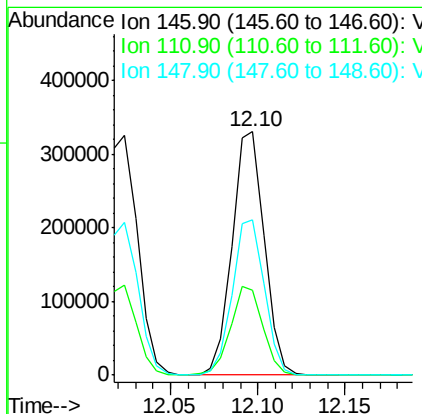
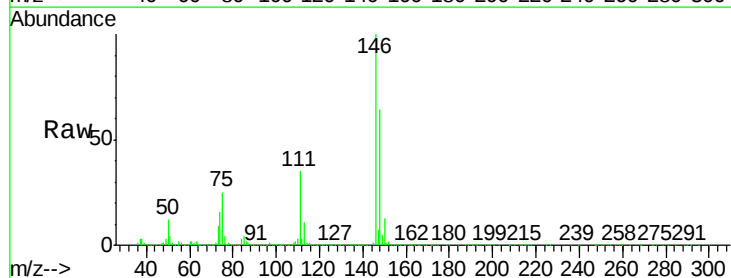
RT: 12.10 min Scan# 1795

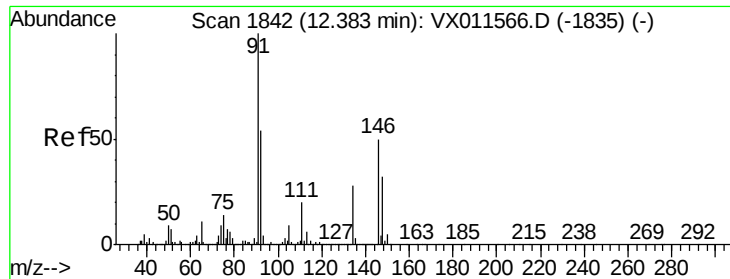
Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	146	Resp:	422517
Ion Ratio	Lower	Upper	
146	100		
111	36.5	17.9	53.7
148	63.9	32.5	97.5





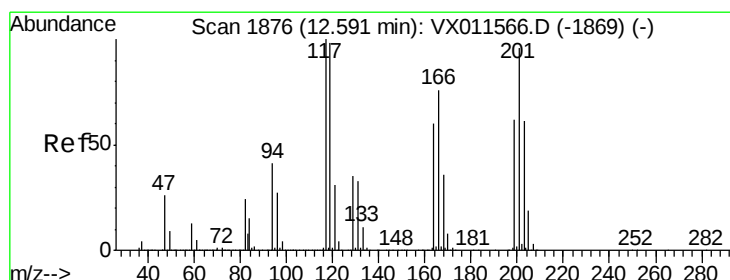
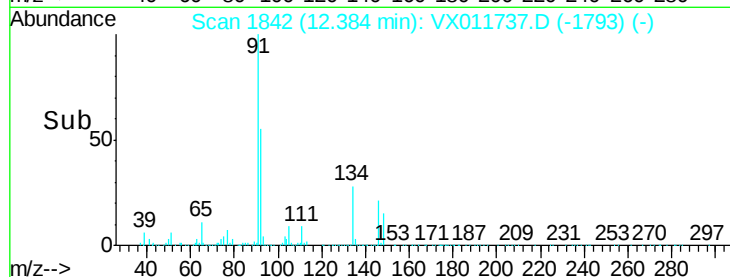
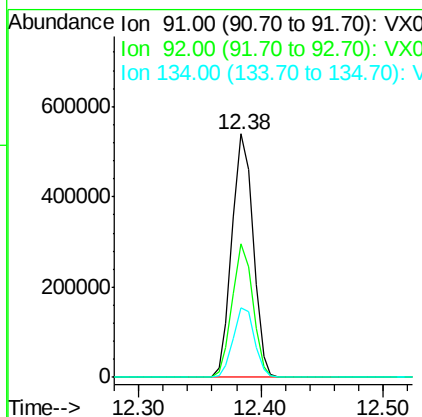
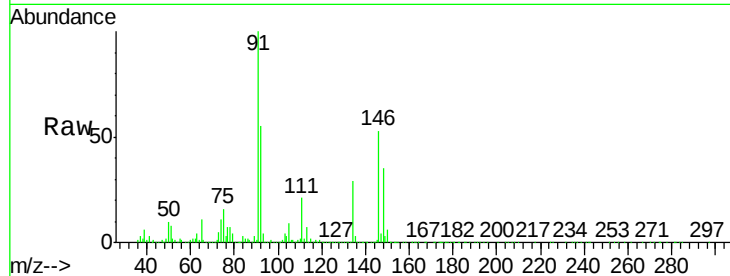
#89
n-Butylbenzene
Concen: 52.469 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	642710		
92	53.5	26.8	80.3	
134	29.0	14.6	44.0	

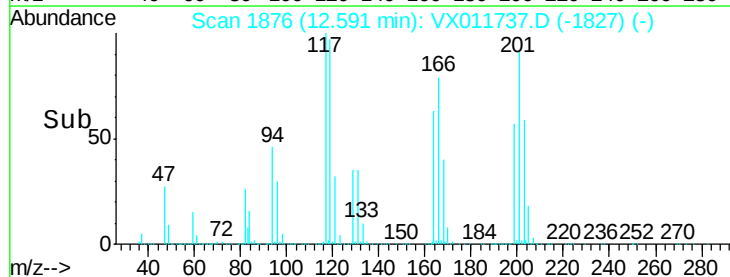
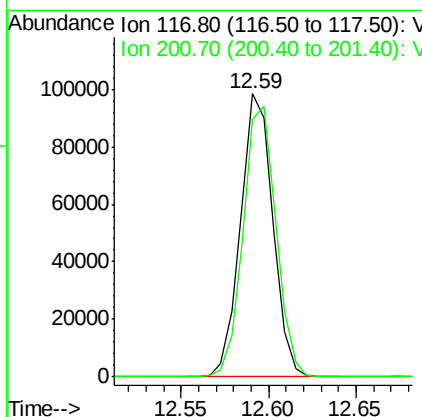
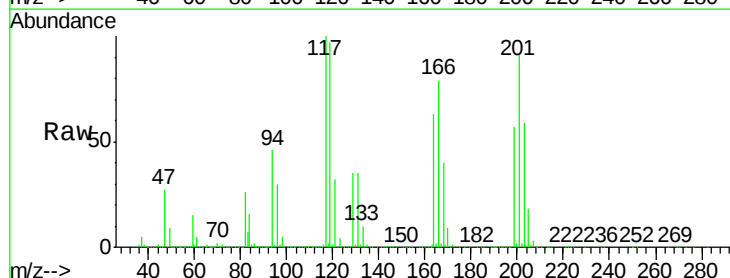
Manual Integrations
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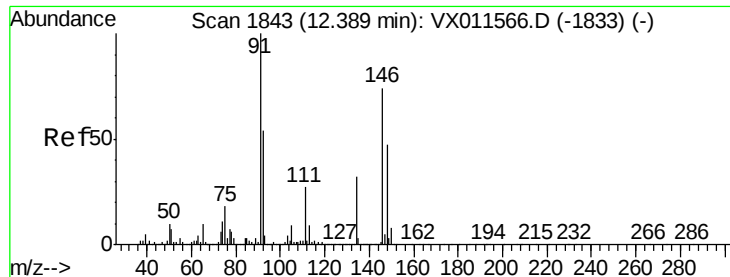
MMDadoda
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#90
Hexachloroethane
Concen: 53.474 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011737.D
Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125815		
201	97.7	51.9	155.7	





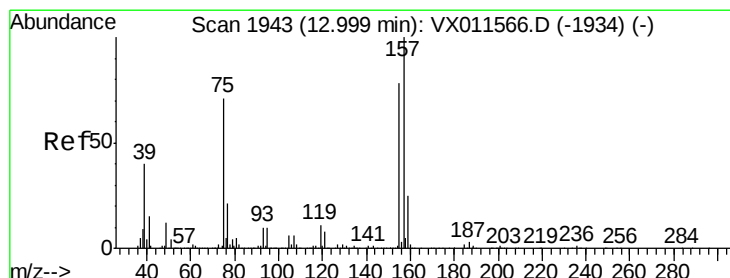
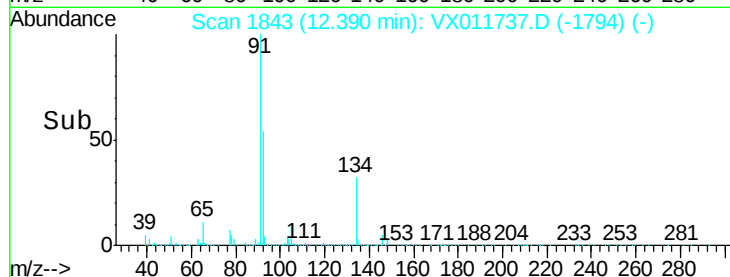
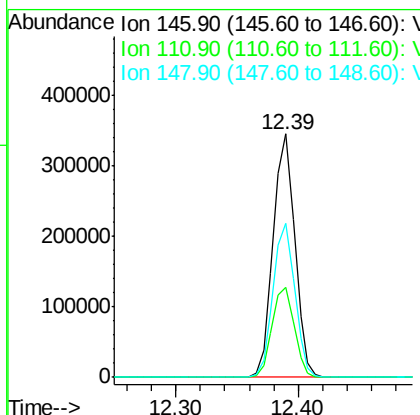
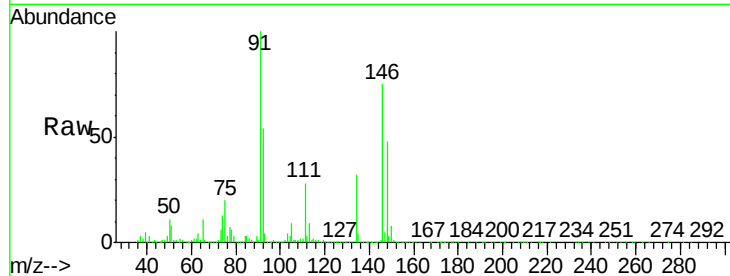
#91
 1,2-Dichlorobenzene
 Concen: 50.525 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	146	Resp:	425553
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.9	56.7
148	63.7	31.9	95.9

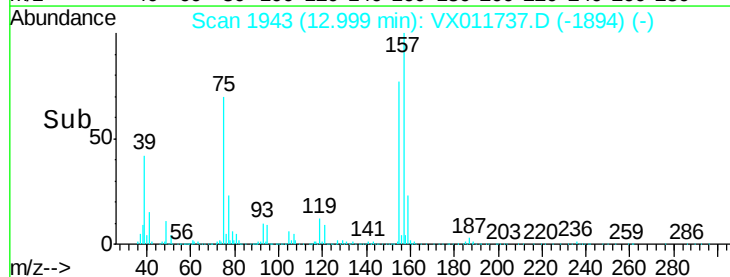
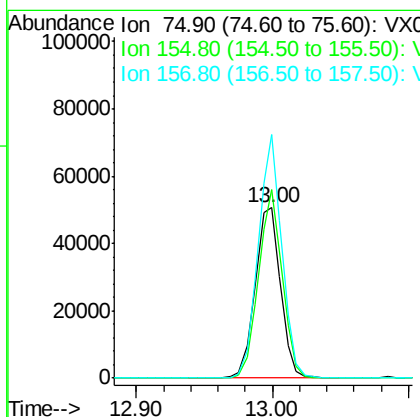
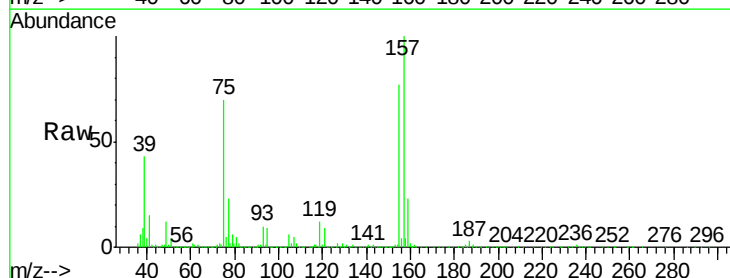
Manual Integrations
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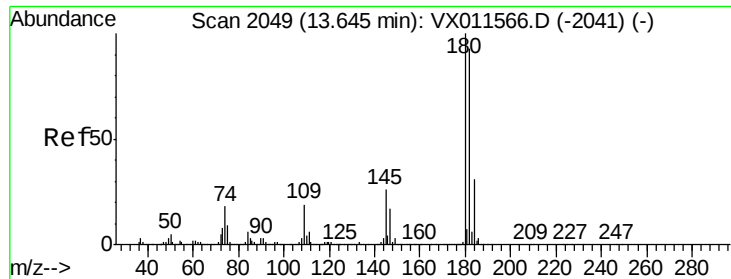
MMDadoda
 8/22/2019 10:01:20 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.778 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Tgt Ion:	75	Resp:	66859
Ion Ratio	Lower	Upper	
75	100		
155	102.8	53.0	159.0
157	131.4	68.3	205.1





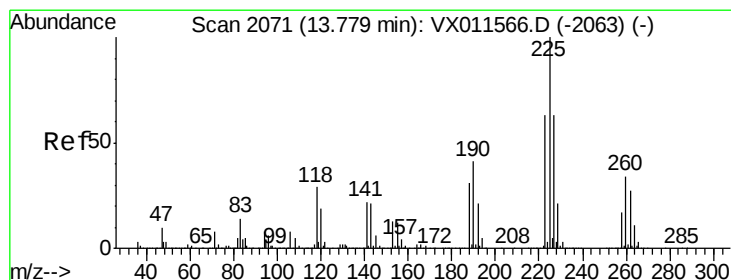
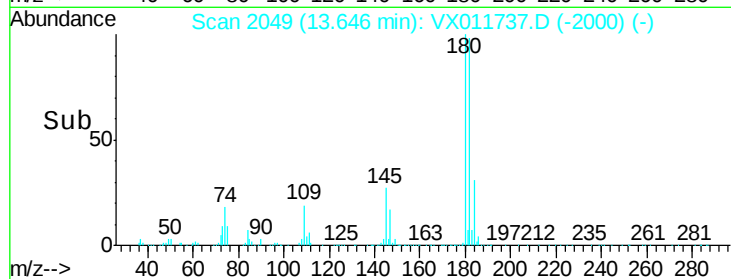
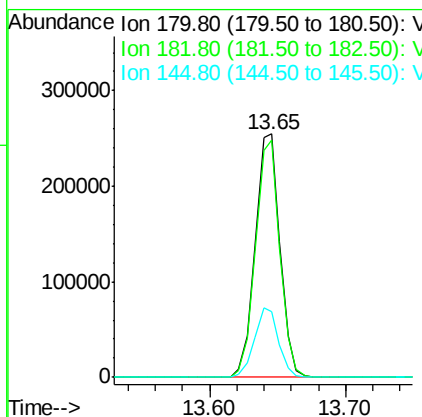
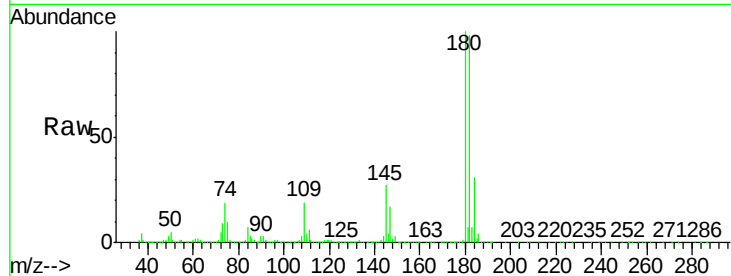
#93
 1,2,4-Trichlorobenzene
 Concen: 52.014 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	47.3	142.0	
145	27.7	13.6	40.8	

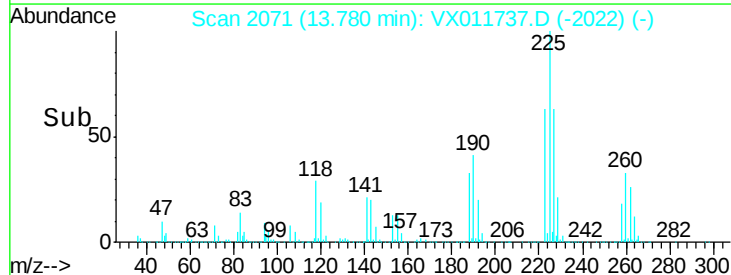
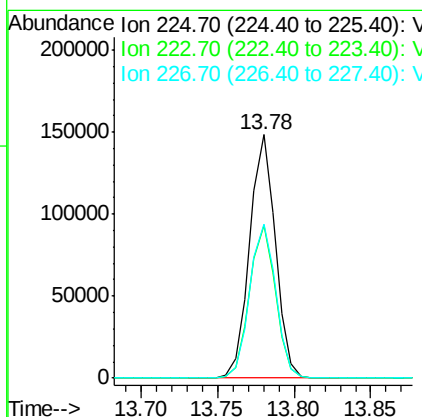
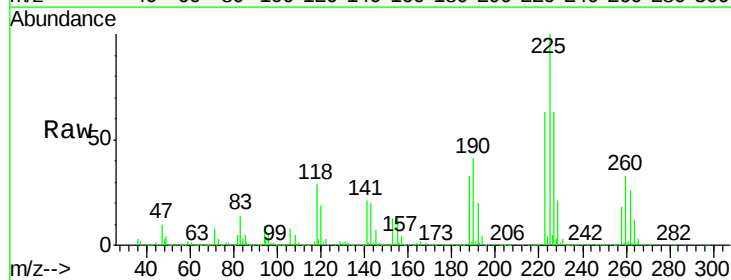
Manual Integrations
 APPROVED

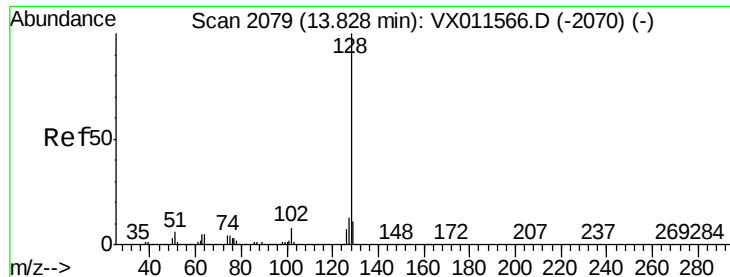
MMDadoda
 8/22/2019 10:01:20 AM



#94
 Hexachlorobutadiene
 Concen: 50.844 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011737.D
 Acq: 21 Aug 2019 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	31.4	94.0	
227	64.2	31.2	93.6	





#95

Naphthalene

Concen: 55.422 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Instrument :

MSVOA_X

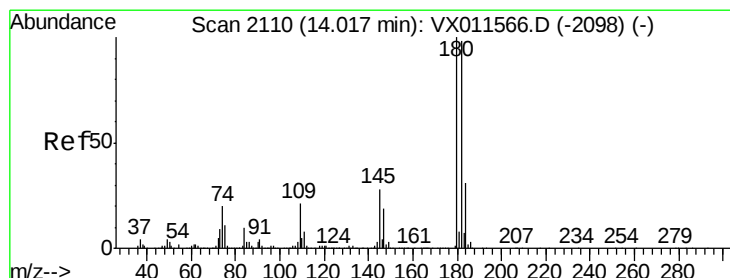
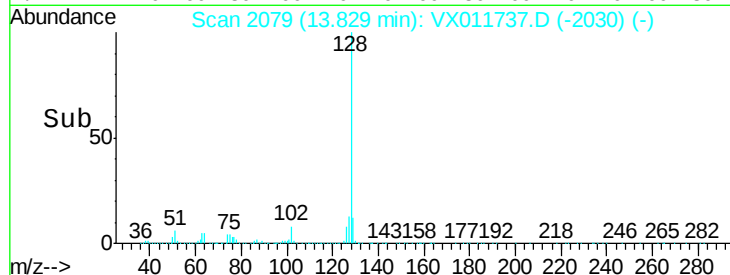
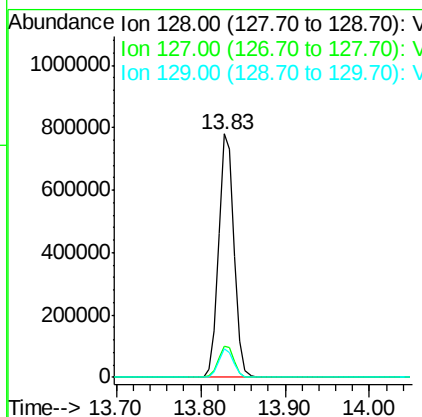
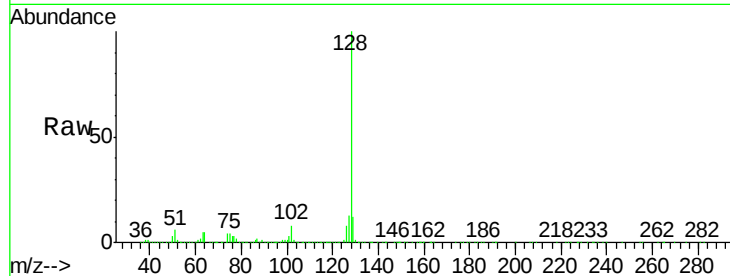
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	983281
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.2	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 54.089 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011737.D

Acq: 21 Aug 2019 17:28

Tgt Ion:	180	Resp:	342373
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.0
145	29.3	14.6	43.8

