

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005137.D
 Acq On : 08 Oct 2018 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:52 PM

Quant Time: Oct 09 07:35:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	207926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185975	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147886	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.50	113	116411	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
50) Toluene-d8	8.72	98	443231	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.14	95	169445	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	139072	49.06	ug/l	97
3) Chloromethane	1.32	50	154549	44.93	ug/l	100
4) Vinyl Chloride	1.40	62	157482	48.82	ug/l	99
5) Bromomethane	1.64	94	117362	61.35	ug/l	94
6) Chloroethane	1.71	64	96664	55.23	ug/l	97
7) Trichlorofluoromethane	1.92	101	209146	52.37	ug/l	94
8) Diethyl Ether	2.19	74	87261	50.29	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116407	51.17	ug/l	99
10) Methyl Iodide	2.51	142	115924	38.08	ug/l	93
11) Tert butyl alcohol	3.09	59	221895	267.18	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113776	50.50	ug/l	95
13) Acrolein	2.29	56	92639	156.78	ug/l	90
14) Allyl chloride	2.72	41	252446	51.35	ug/l	96
15) Acrylonitrile	3.15	53	485671	265.65	ug/l	97
16) Acetone	2.45	43	424339	244.71	ug/l #	81
17) Carbon Disulfide	2.56	76	287520	42.47	ug/l	98
18) Methyl Acetate	2.78	43	281270	64.02	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	434544	55.92	ug/l	96
20) Methylene Chloride	2.85	84	131613	52.24	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	118229	47.94	ug/l	89
22) Diisopropyl ether	3.87	45	437266	52.82	ug/l	98
23) Vinyl Acetate	3.82	43	1980756	261.42	ug/l	95
24) 1,1-Dichloroethane	3.69	63	237296	48.06	ug/l	99
25) 2-Butanone	4.70	43	667454	261.12	ug/l	97
26) 2,2-Dichloropropane	4.58	77	157216	45.72	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	134392	48.78	ug/l	94
28) Bromochloromethane	5.01	49	112756	48.49	ug/l	97
29) Tetrahydrofuran	5.16	42	423412	266.52	ug/l	97
30) Chloroform	5.21	83	233348	50.00	ug/l	96
31) Cyclohexane	5.57	56	195699	51.78	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	196424	51.54	ug/l	96
36) 1,1-Dichloropropene	5.80	75	162543	46.18	ug/l	94
37) Ethyl Acetate	4.86	43	227238	48.64	ug/l	98
38) Carbon Tetrachloride	5.77	117	168897	45.65	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184637	51.38	ug/l	87
40) Benzene	6.14	78	510409	46.32	ug/l	95
41) Methacrylonitrile	5.06	41	128524	49.61	ug/l	96
42) 1,2-Dichloroethane	6.20	62	183415	47.09	ug/l	98
43) Isopropyl Acetate	6.46	43	336946	49.97	ug/l	95
44) Trichloroethene	7.21	130	137713	50.84	ug/l	98
45) 1,2-Dichloropropane	7.52	63	140481	51.99	ug/l	99
46) Dibromomethane	7.66	93	87724	51.66	ug/l	100
47) Bromodichloromethane	7.90	83	173028	54.42	ug/l	99
48) Methyl methacrylate	7.78	41	178937	58.47	ug/l	100
49) 1,4-Dioxane	7.76	88	79723	1048.50	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1233774	290.60	ug/l	99
52) Toluene	8.79	92	318534	52.61	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	192515	53.58	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	208848	55.50	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	137307	51.77	ug/l	96
56) Ethyl methacrylate	9.18	69	219448	50.94	ug/l	97
57) 1,3-Dichloropropane	9.37	76	228562	51.78	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	586895	256.45	ug/l	99
59) 2-Hexanone	9.50	43	981109	277.31	ug/l	95
60) Dibromochloromethane	9.58	129	142736	53.82	ug/l	99
61) 1,2-Dibromoethane	9.68	107	140252	49.38	ug/l	96
64) Tetrachloroethene	9.34	164	134292	46.72	ug/l	96
65) Chlorobenzene	10.14	112	364035	48.61	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	136188	51.73	ug/l	99
67) Ethyl Benzene	10.26	91	622390	52.35	ug/l	96
68) m/p-Xylenes	10.36	106	476655	102.60	ug/l	95
69) o-Xylene	10.70	106	233503	54.72	ug/l	100
70) Styrene	10.71	104	397525	49.82	ug/l	99
71) Bromoform	10.86	173	120017	53.25	ug/l	97
73) Isopropylbenzene	11.02	105	637048	54.35	ug/l	99
74) N-amyl acetate	10.90	43	314635	48.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232409	48.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	211466m	50.73	ug/l	
77) Bromobenzene	11.26	156	172086	50.54	ug/l	100
78) n-propylbenzene	11.36	91	735995	54.72	ug/l	99
79) 2-Chlorotoluene	11.42	91	438960	52.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	543254	50.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64385	42.44	ug/l	98
82) 4-Chlorotoluene	11.51	91	516742	52.37	ug/l	100
83) tert-Butylbenzene	11.77	119	552407	57.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	563330	50.85	ug/l	99
85) sec-Butylbenzene	11.94	105	654269	55.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	588982	55.30	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	320277	50.38	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	327712	49.93	ug/l	100
89) n-Butylbenzene	12.39	91	522658	54.03	ug/l	100
90) Hexachloroethane	12.60	117	95783	54.01	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	328763	49.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56977	54.38	ug/l	98

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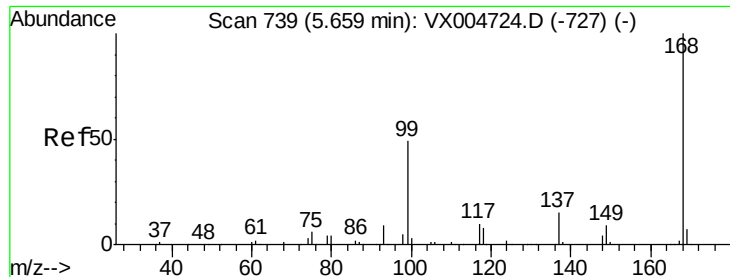
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	251819	54.03	ug/l	100
94) Hexachlorobutadiene	13.79	225	123556	51.12	ug/l	99
95) Naphthalene	13.83	128	805087	52.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259225	53.84	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 207926

Ion Ratio Lower Upper

168 100

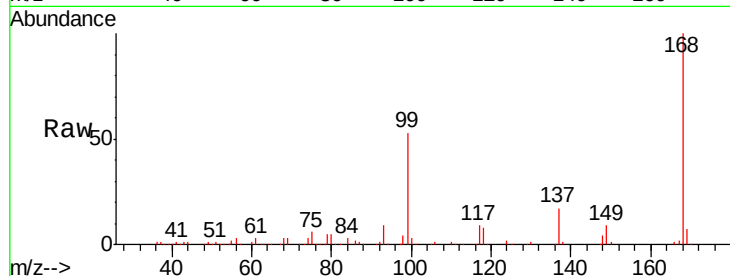
99 52.4 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

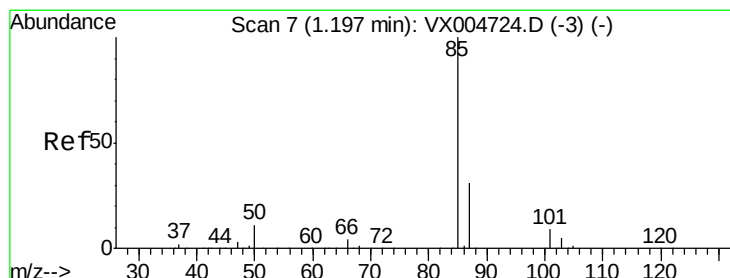
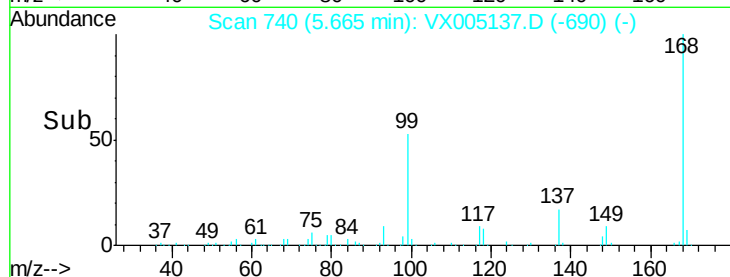
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.06 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005137.D

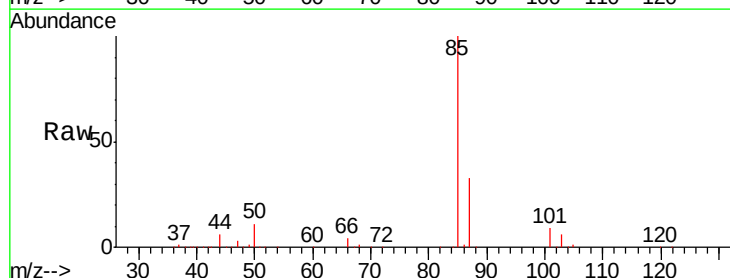
Acq: 08 Oct 2018 19:36

Tgt Ion: 85 Resp: 139072

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

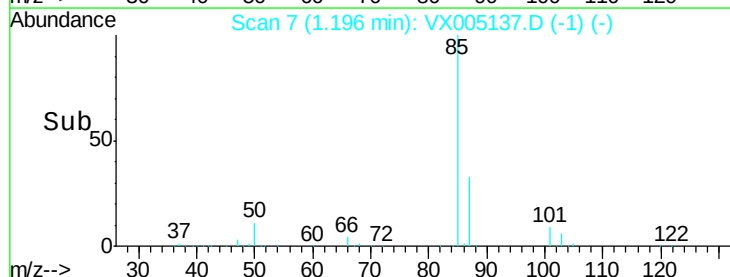
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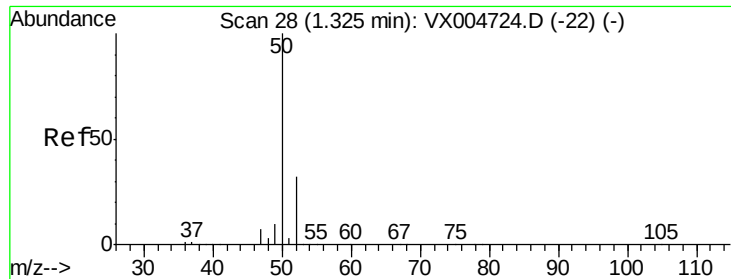
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50000

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Time-->





#3

Chloromethane

Concen: 44.93 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion: 50 Resp: 154549

Ion Ratio Lower Upper

50 100

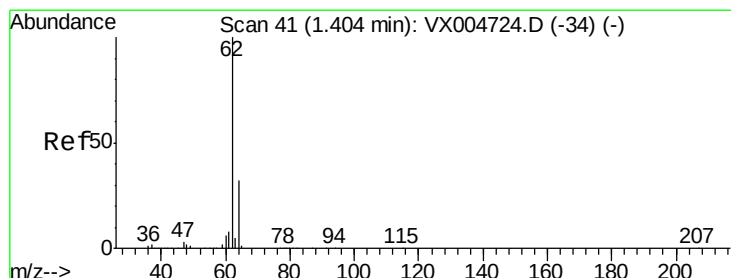
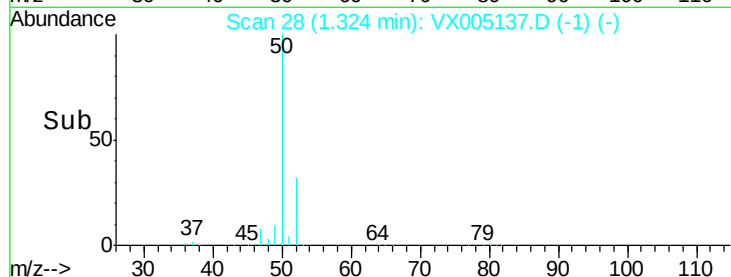
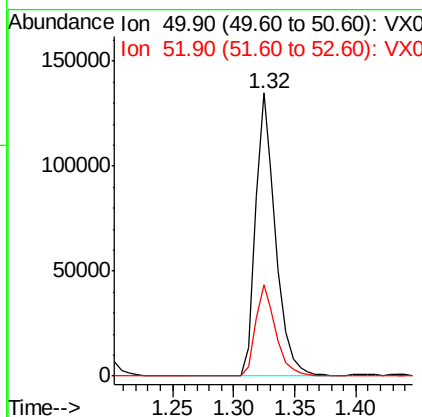
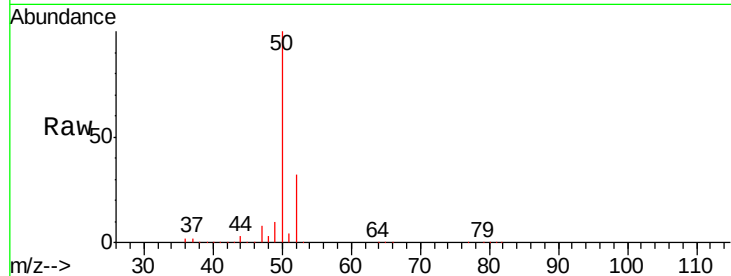
52 32.3 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.82 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005137.D

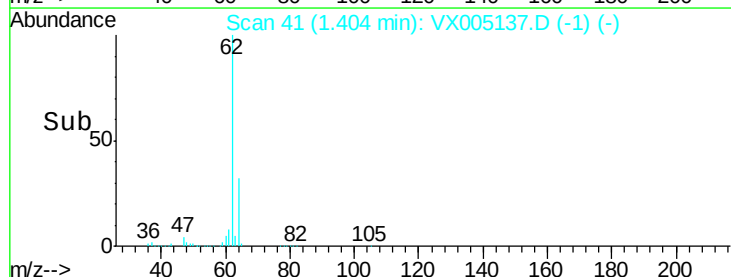
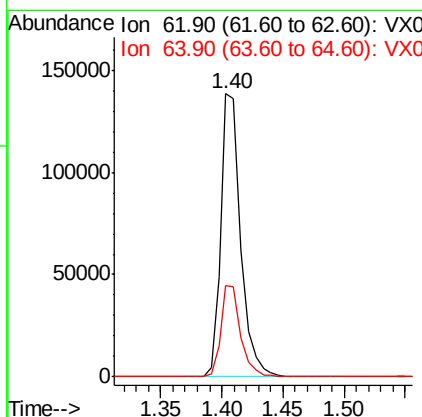
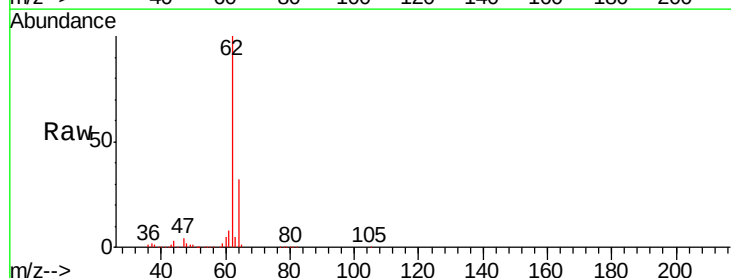
Acq: 08 Oct 2018 19:36

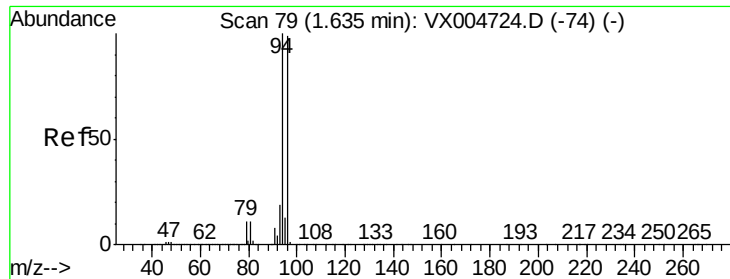
Tgt Ion: 62 Resp: 157482

Ion Ratio Lower Upper

62 100

64 32.2 25.5 38.3





#5

Bromomethane

Concen: 61.35 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 117362

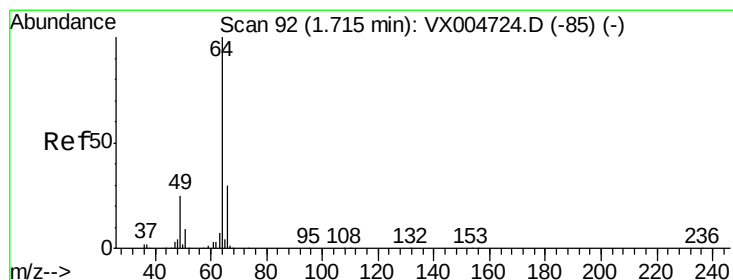
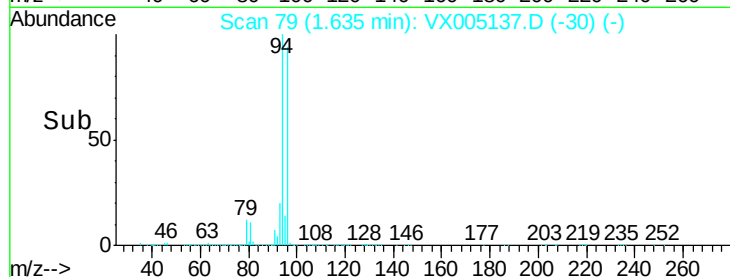
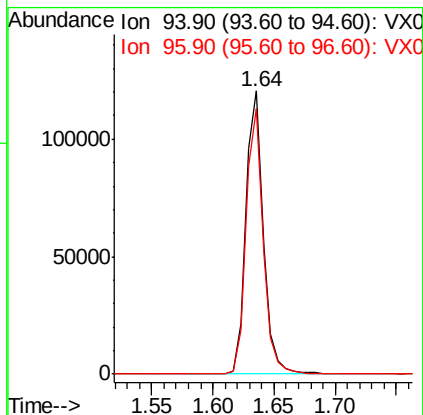
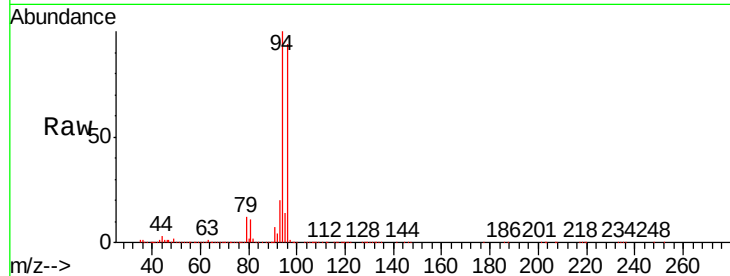
Ion Ratio Lower Upper

94 100

96 93.6 79.5 119.3

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#6

Chloroethane

Concen: 55.23 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005137.D

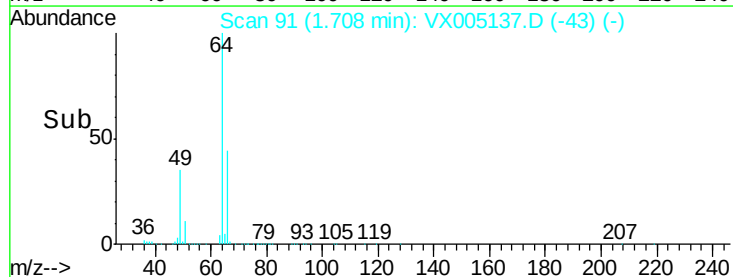
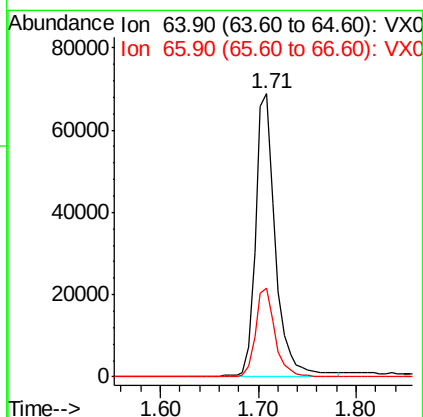
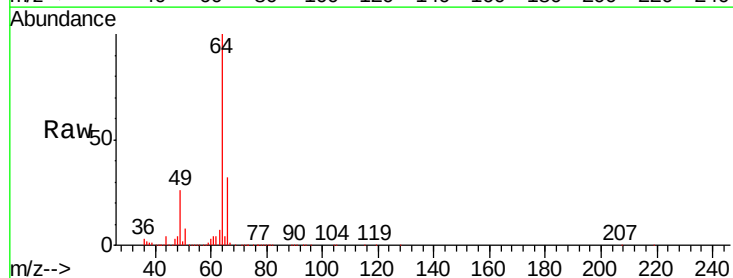
Acq: 08 Oct 2018 19:36

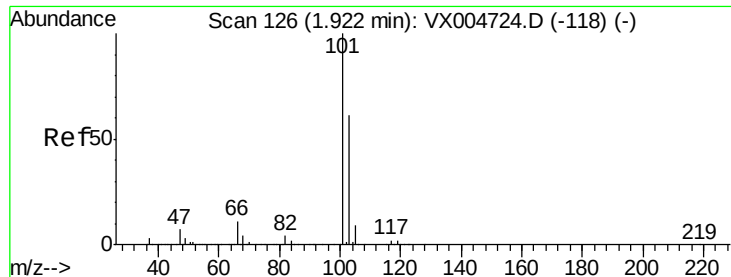
Tgt Ion: 64 Resp: 96664

Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.6





#7

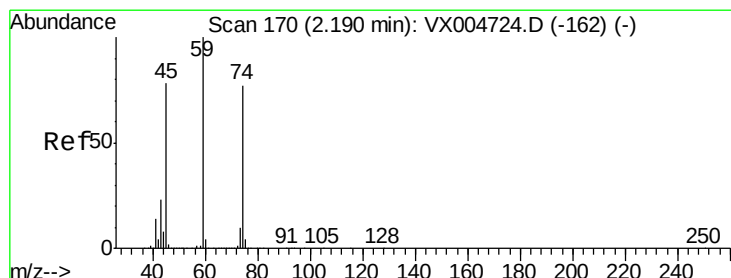
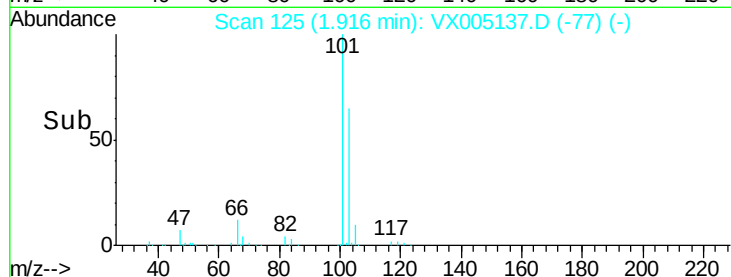
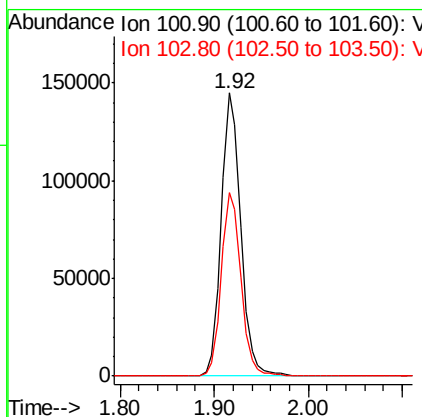
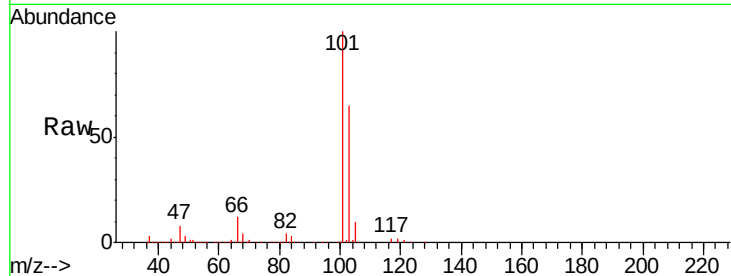
Trichlorofluoromethane
Concen: 52.37 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.7	48.4	72.6

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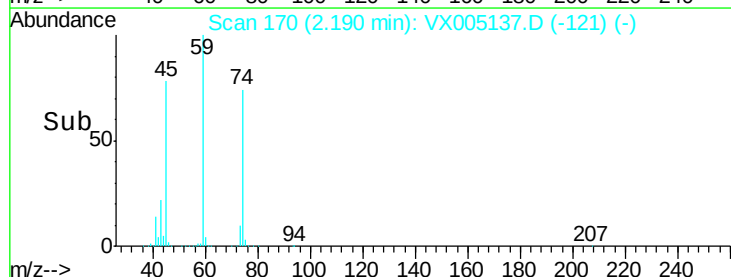
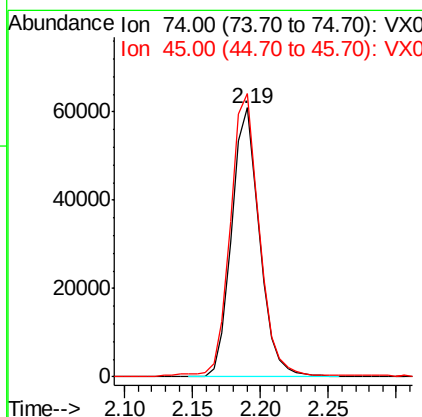
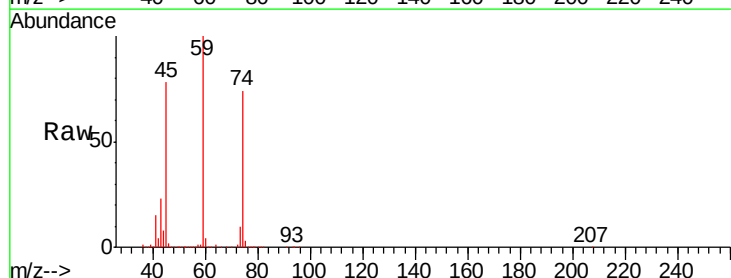
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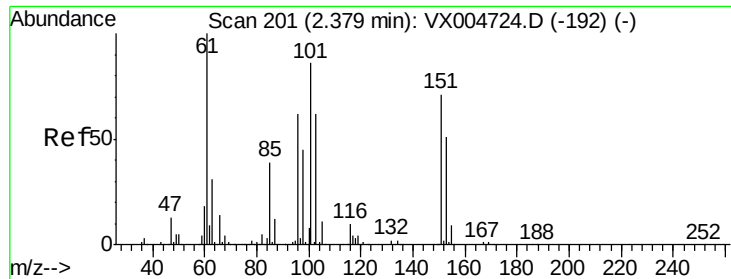


#8

Diethyl Ether
Concen: 50.29 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.8	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.17 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

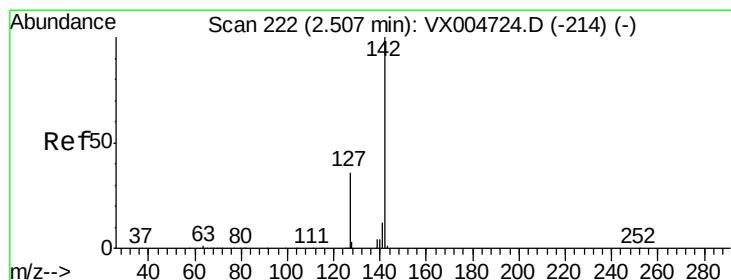
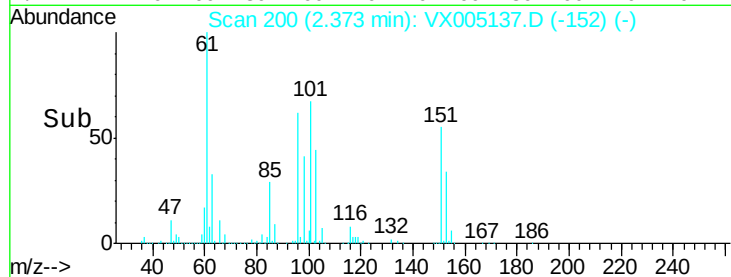
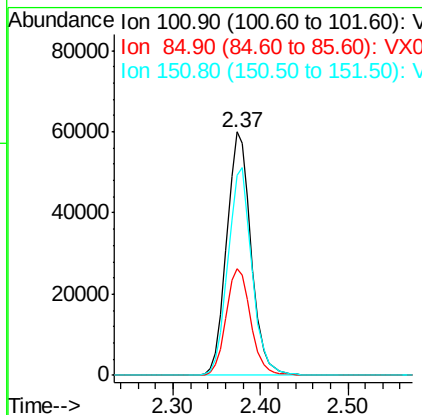
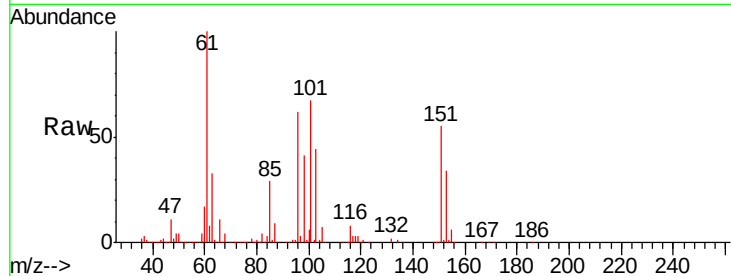
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	116407
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.9	53.9
151	84.1	66.6	100.0

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#10

Methyl Iodide

Concen: 38.08 ug/l

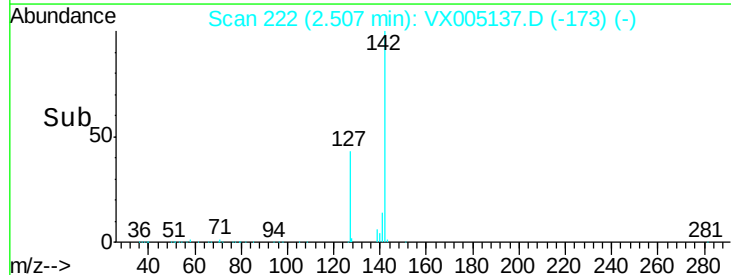
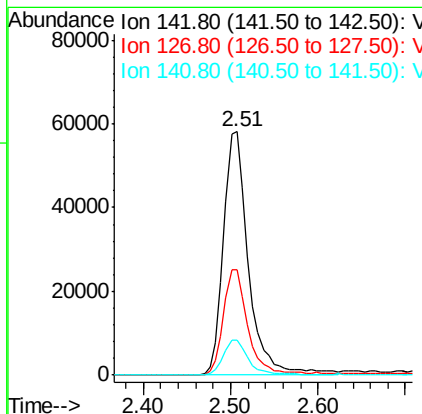
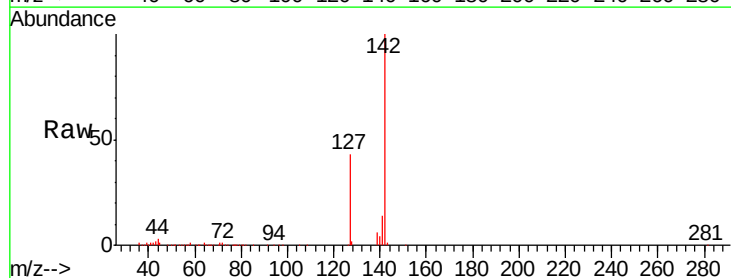
RT: 2.51 min Scan# 222

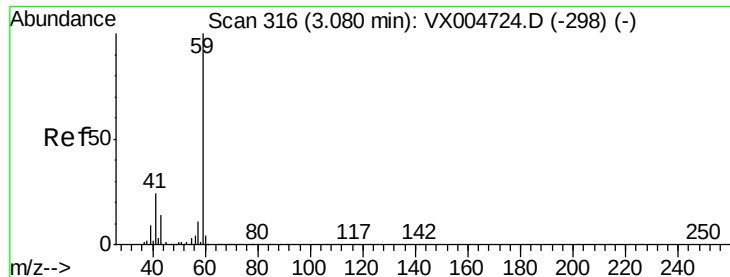
Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion:	142	Resp:	115924
Ion Ratio	Lower	Upper	
142	100		
127	42.3	30.1	45.1
141	14.3	10.1	15.1





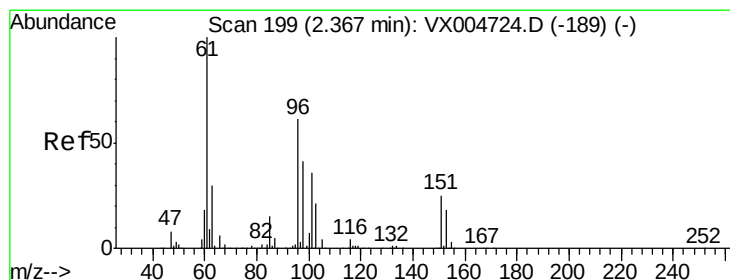
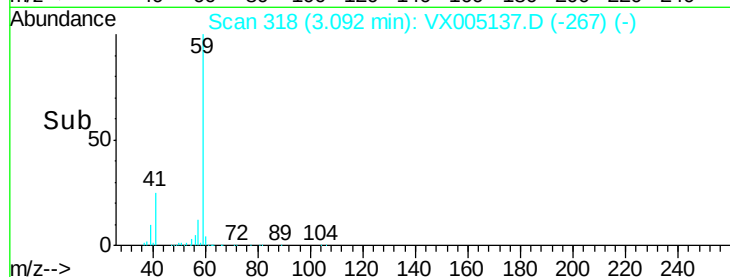
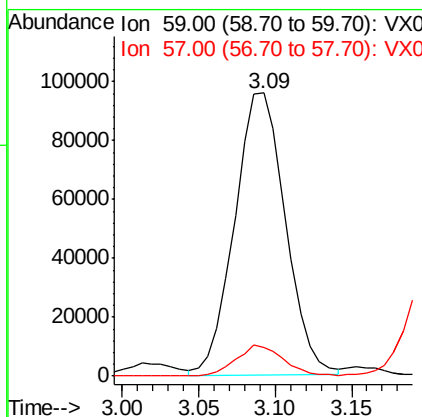
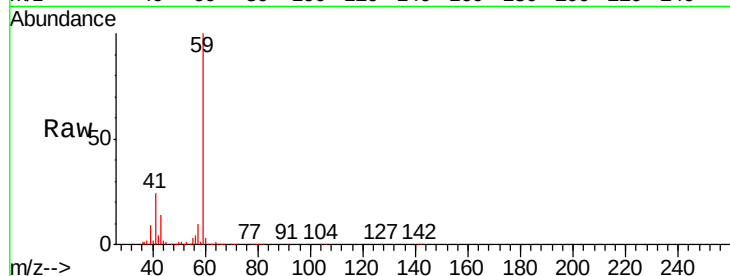
#11
Tert butyl alcohol
Concen: 267.18 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 221895
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

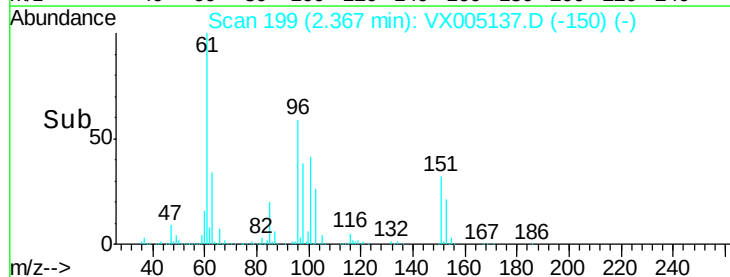
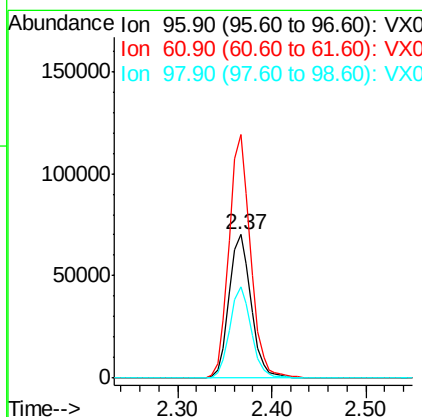
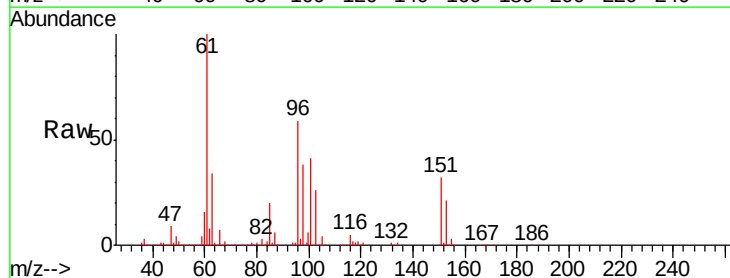
Manual Integrations
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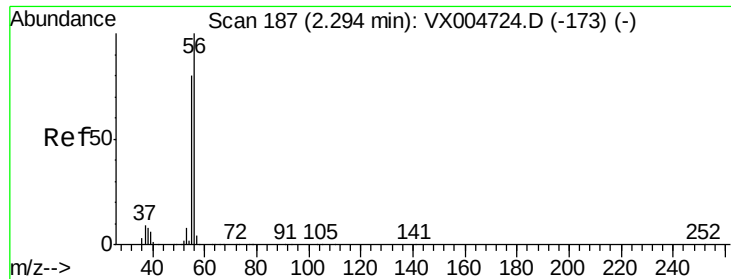
MMDadoda
10/9/2018 1:47:52 PM



#12
1,1-Dichloroethene
Concen: 50.50 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 96 Resp: 113776
Ion Ratio Lower Upper
96 100
61 169.7 130.2 195.4
98 63.7 53.4 80.0





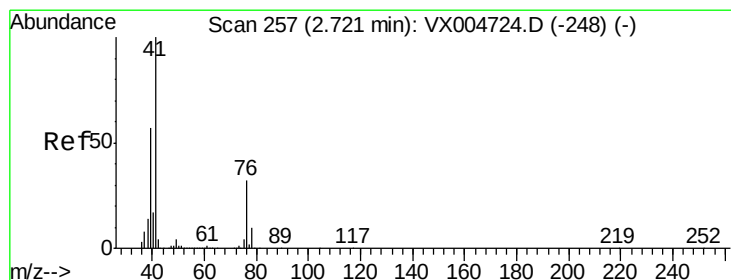
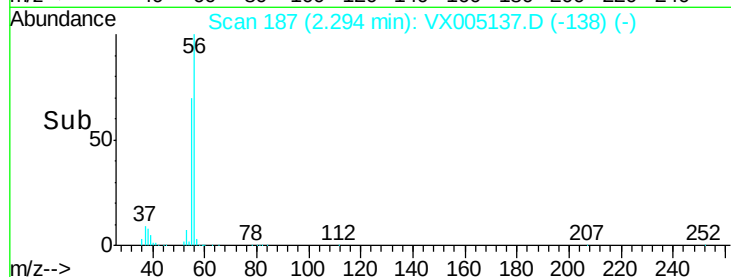
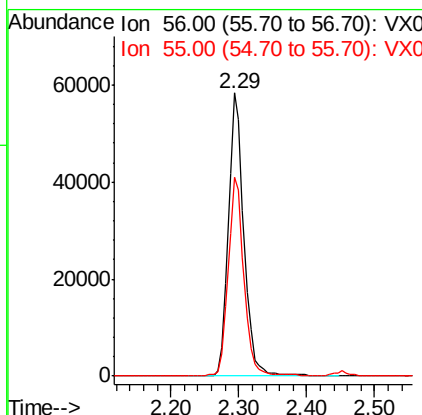
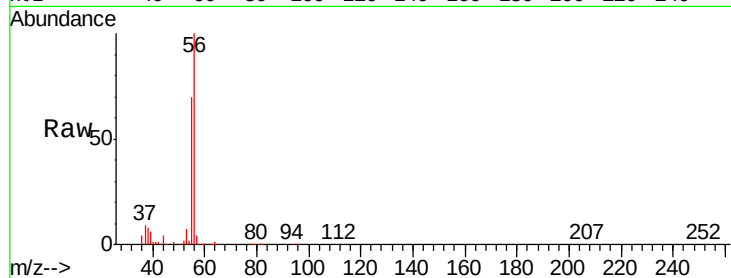
#13
 Acrolein
 Concen: 156.78 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.3	63.4	95.2

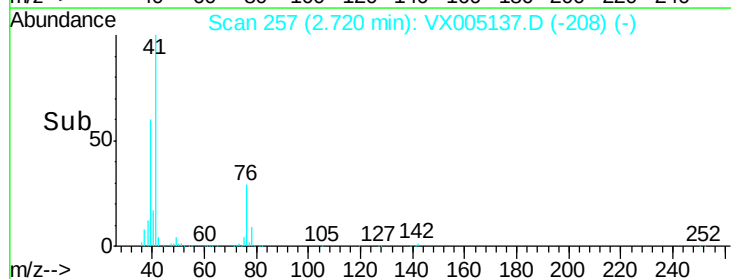
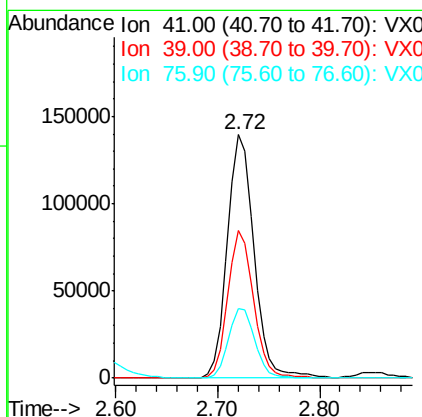
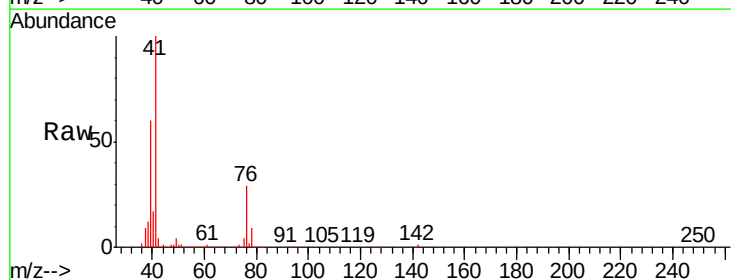
Manual Integrations
 APPROVED

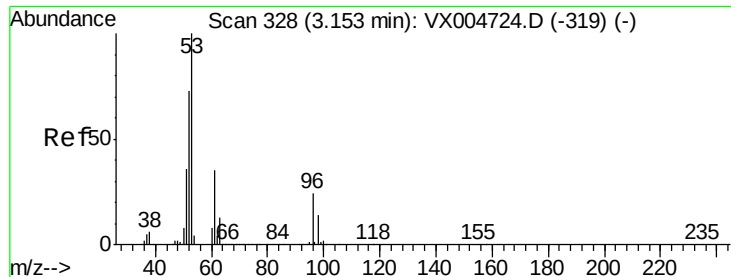
MMDadoda
 10/9/2018 1:47:52 PM



#14
 Allyl chloride
 Concen: 51.35 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.0	44.1	66.1
76	28.5	25.0	37.4





#15

Acrylonitrile

Concen: 265.65 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

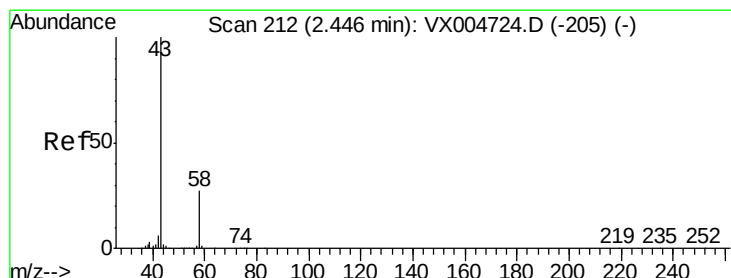
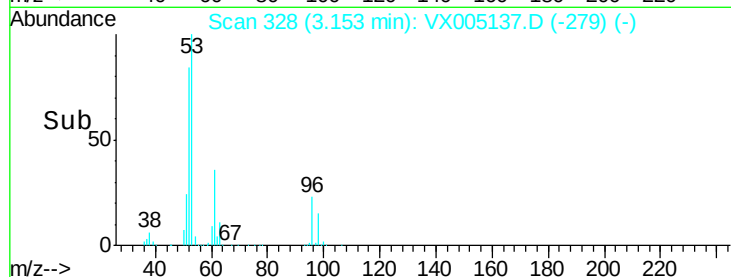
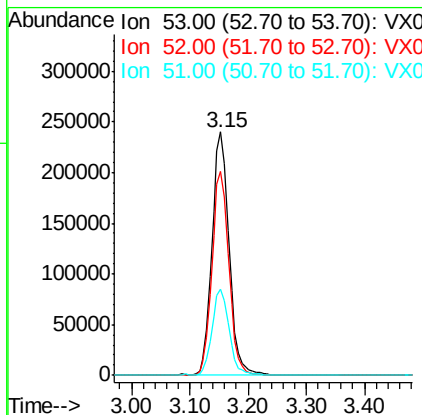
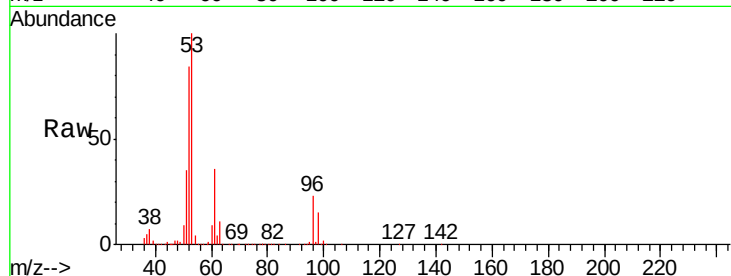
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	485671
Ion Ratio	Lower	Upper	
53	100		
52	83.0	63.0	94.4
51	35.6	28.6	42.8

Manual Integrations
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MMDadoda
10/9/2018 1:47:52 PM



#16

Acetone

Concen: 244.71 ug/l

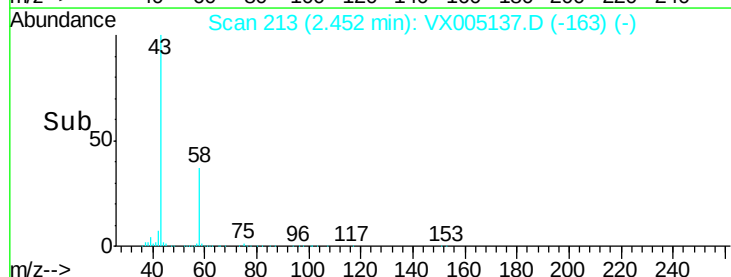
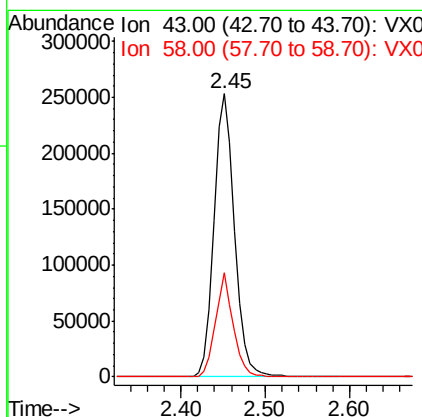
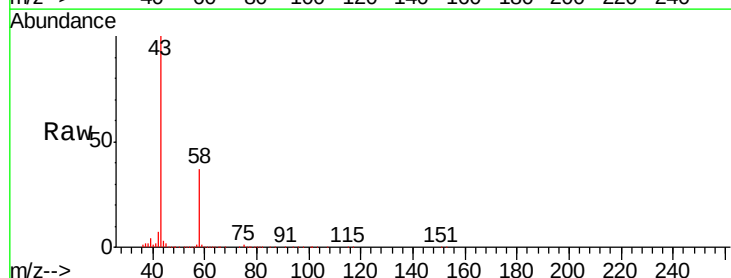
RT: 2.45 min Scan# 213

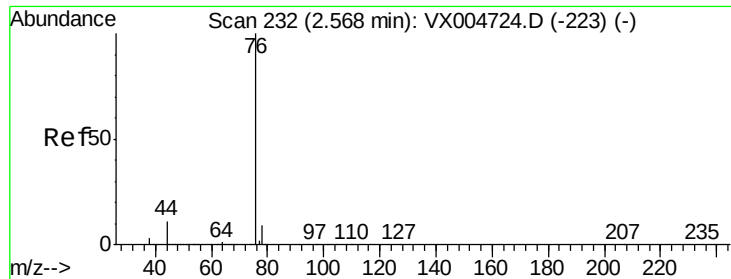
Delta R.T. 0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion:	43	Resp:	424339
Ion Ratio	Lower	Upper	
43	100		
58	36.9	21.8	32.6#





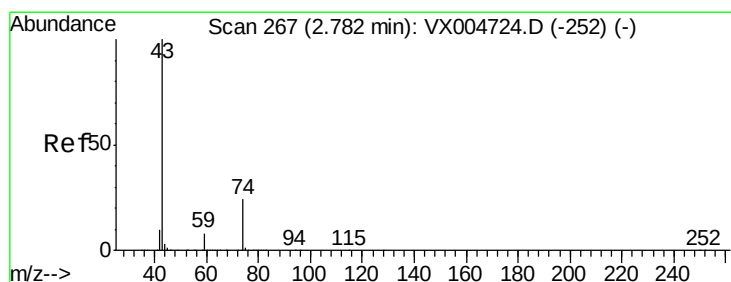
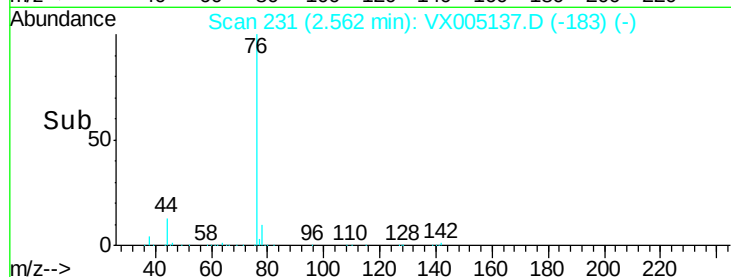
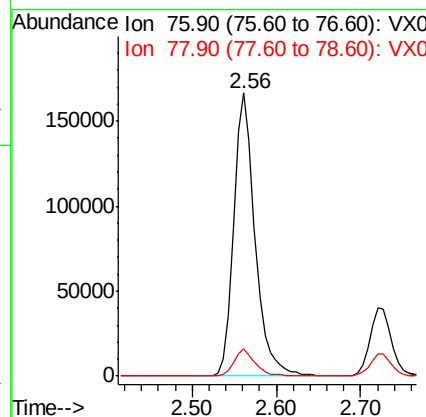
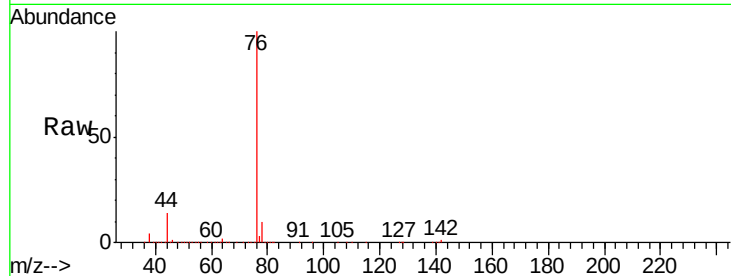
#17
Carbon Disulfide
Concen: 42.47 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

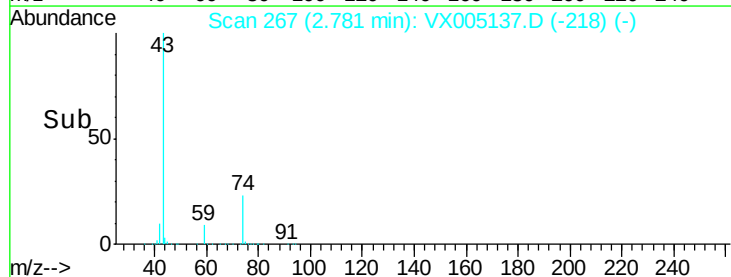
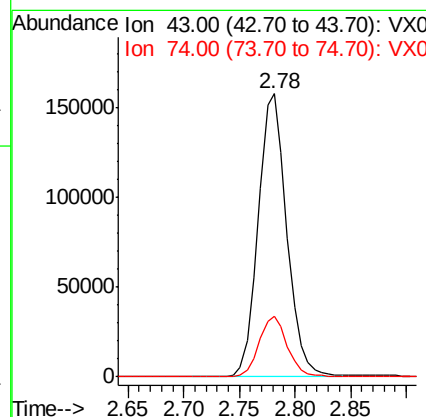
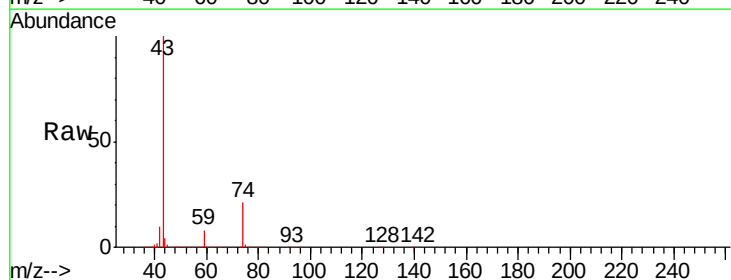
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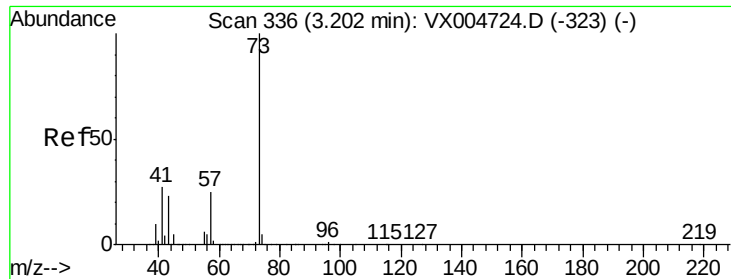
MMDadoda
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#18
Methyl Acetate
Concen: 64.02 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.8	26.8





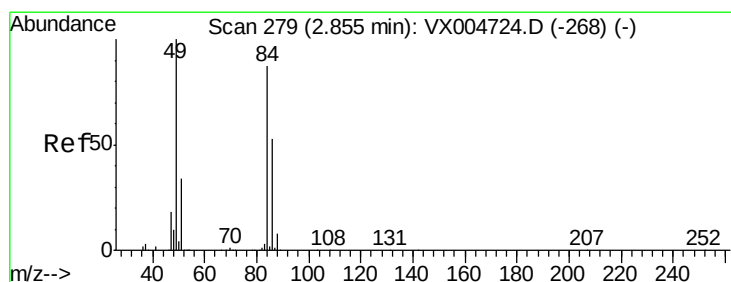
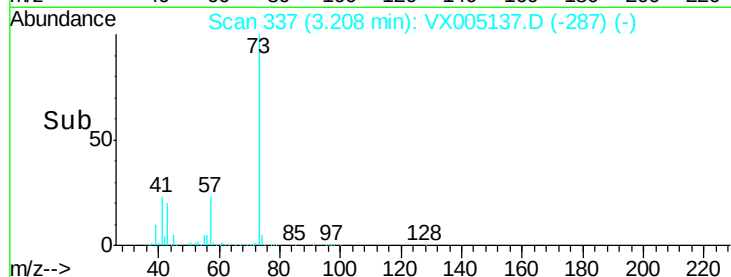
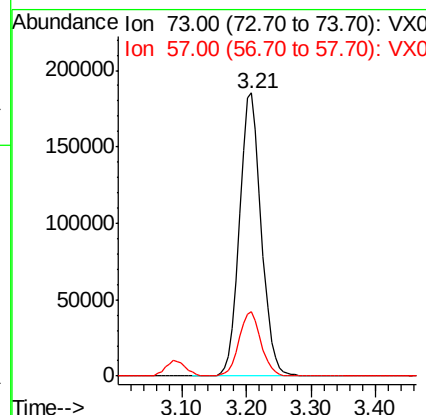
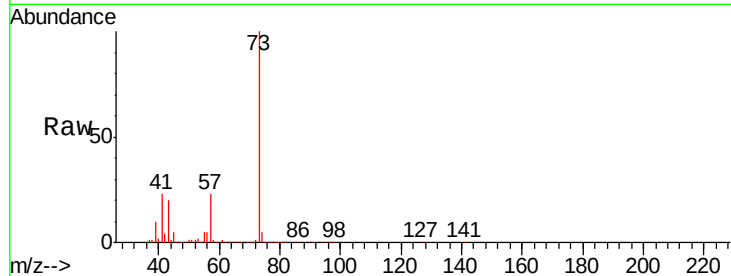
#19
Methyl tert-butyl Ether
Concen: 55.92 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.9	19.9	29.9

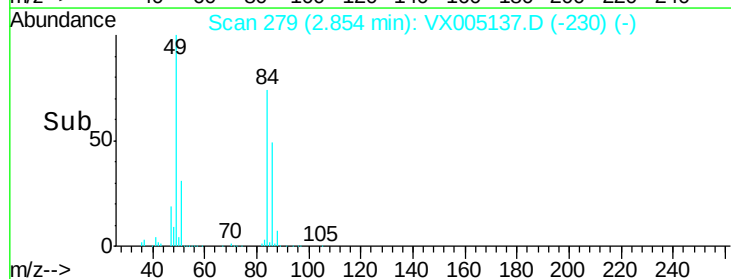
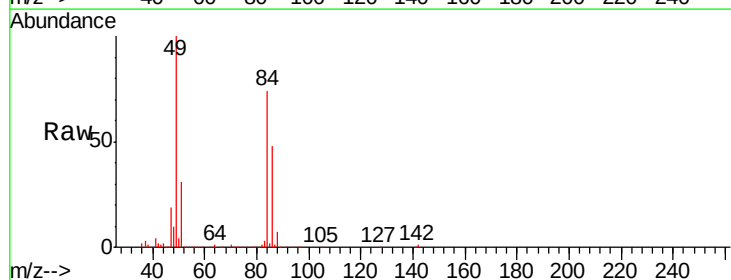
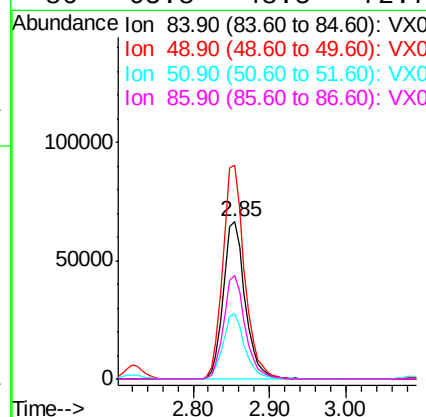
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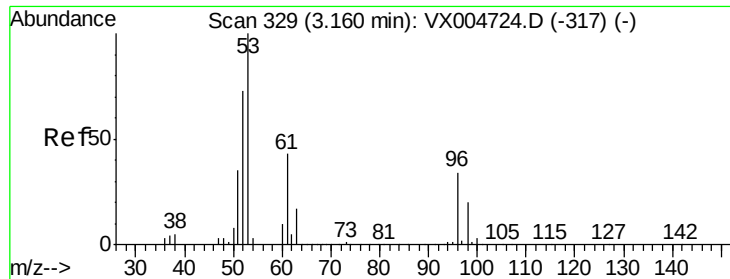
MMDadoda
10/9/2018 1:47:52 PM



#20
Methylene Chloride
Concen: 52.24 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.5	92.3	138.5
51	41.6	31.8	47.6
86	65.8	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 47.94 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 118229

Ion Ratio Lower Upper

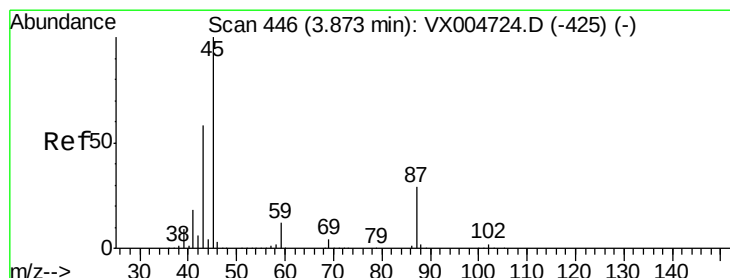
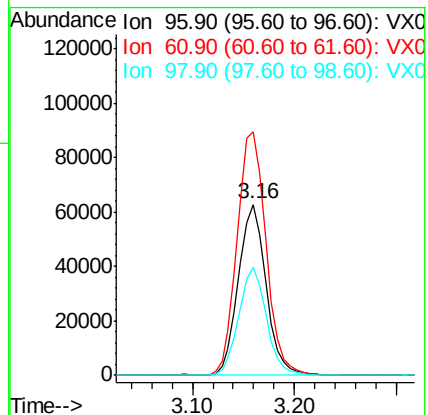
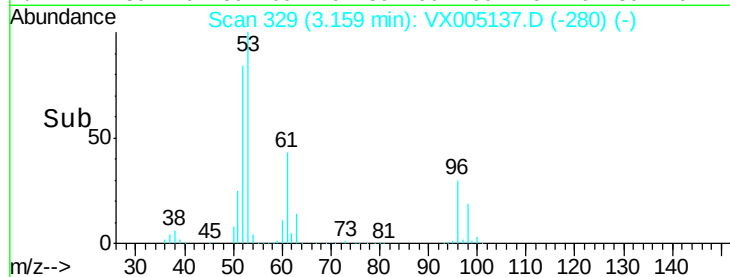
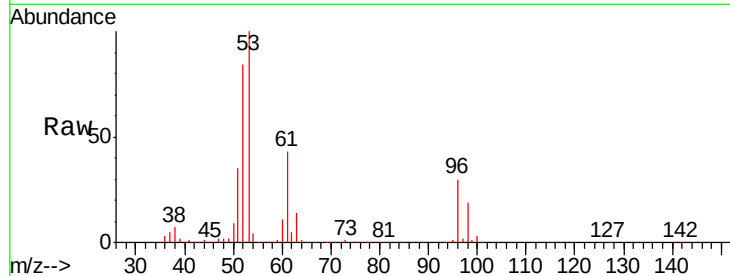
96 100

61 142.2 101.0 151.6

98 63.3 47.2 70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.82 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion: 45 Resp: 437266

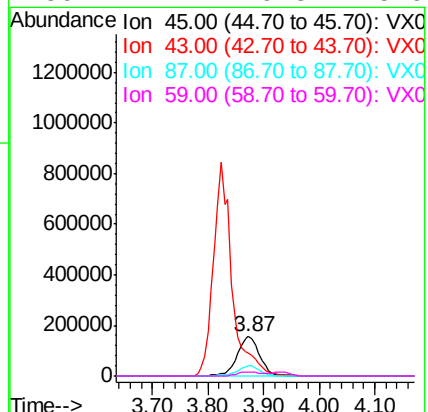
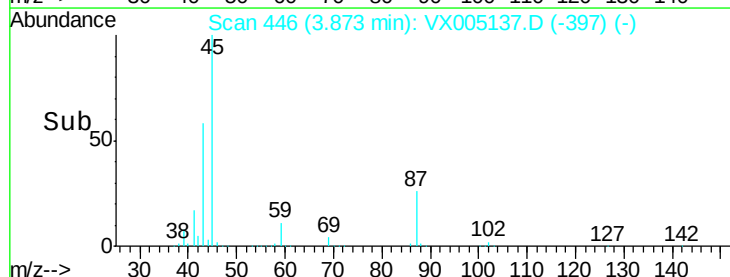
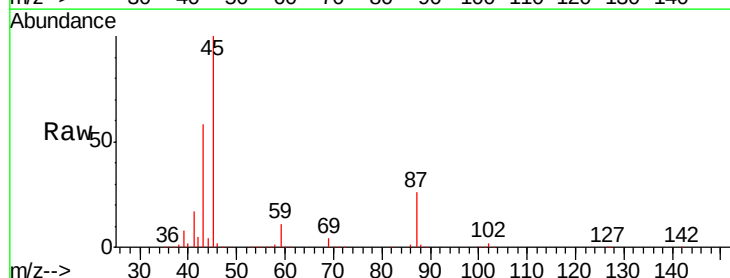
Ion Ratio Lower Upper

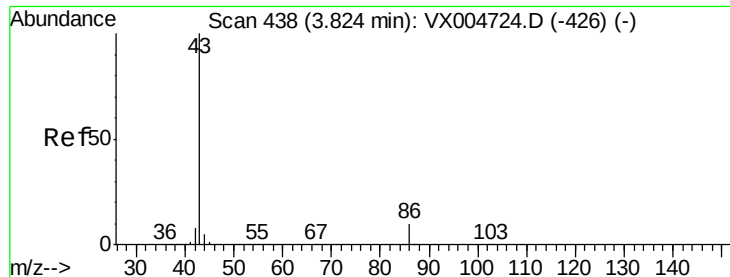
45 100

43 57.9 46.7 70.1

87 25.7 22.9 34.3

59 11.1 9.3 13.9





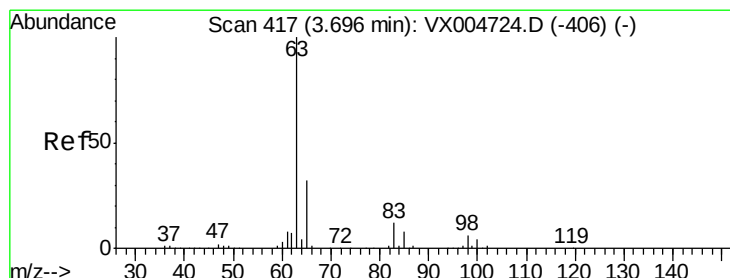
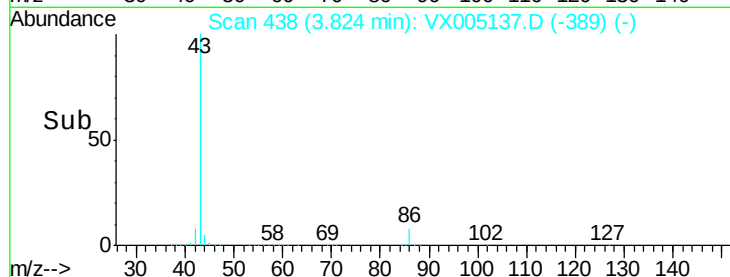
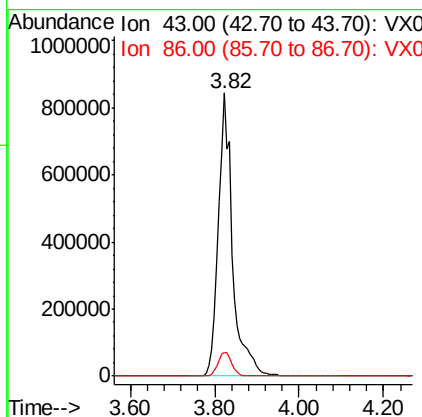
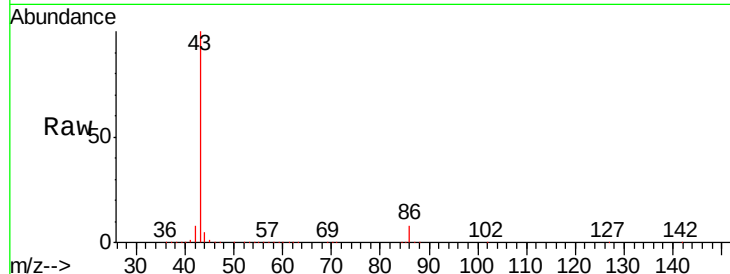
#23
 Vinyl Acetate
 Concen: 261.42 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1980756
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.1 12.1

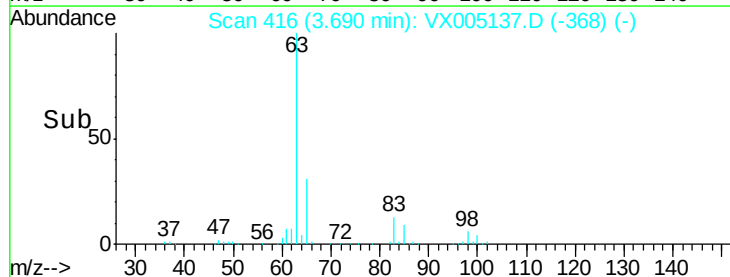
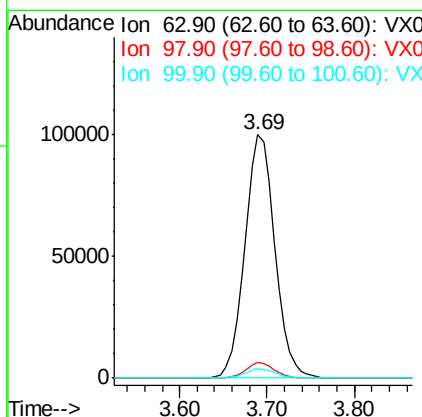
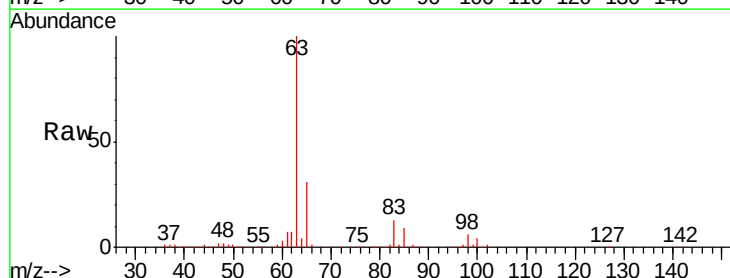
Manual Integrations
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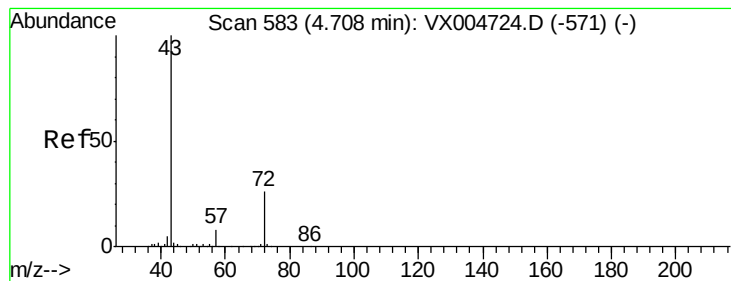
MMDadoda
 10/9/2018 1:47:52 PM



#24
 1,1-Dichloroethane
 Concen: 48.06 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion: 63 Resp: 237296
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.0 9.2
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 261.12 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 667454

Ion Ratio Lower Upper

43 100

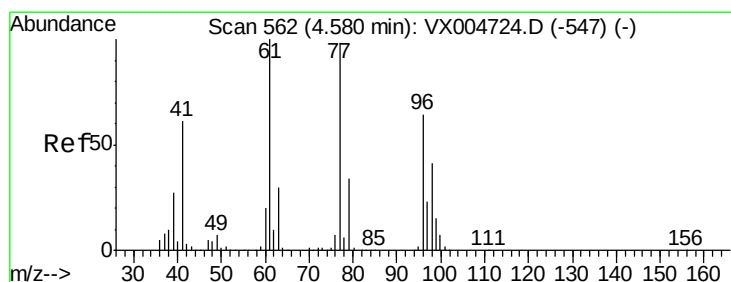
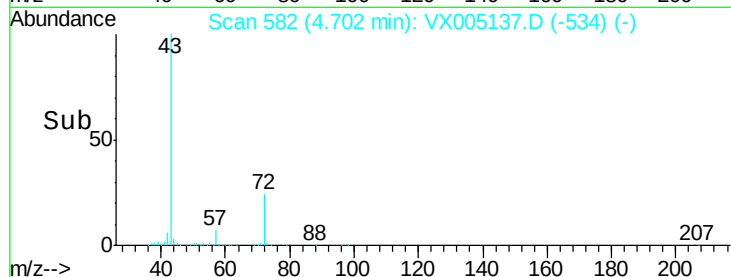
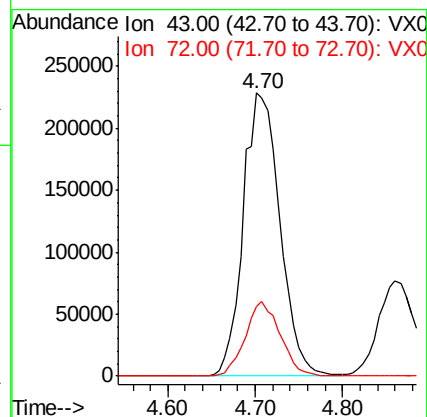
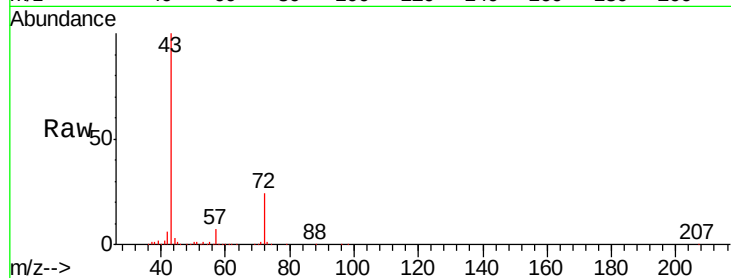
72 24.4 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.72 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005137.D

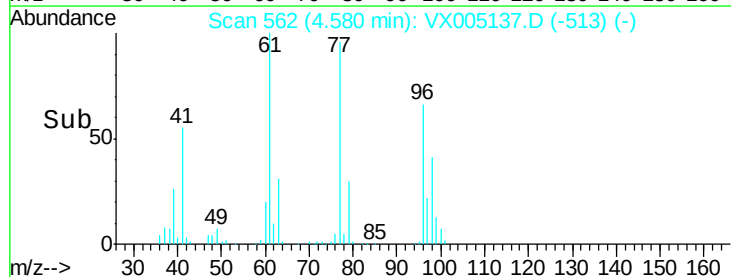
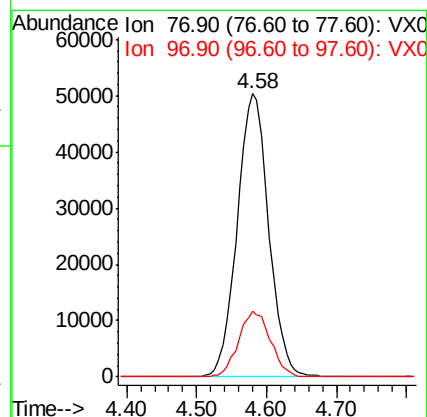
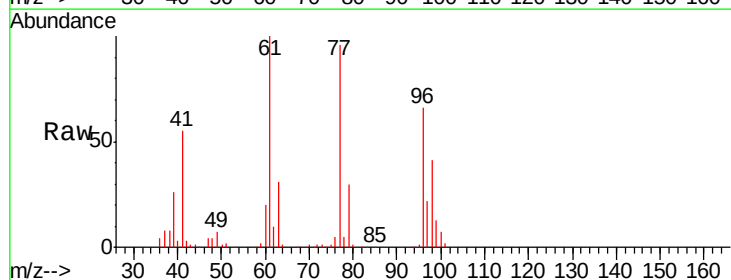
Acq: 08 Oct 2018 19:36

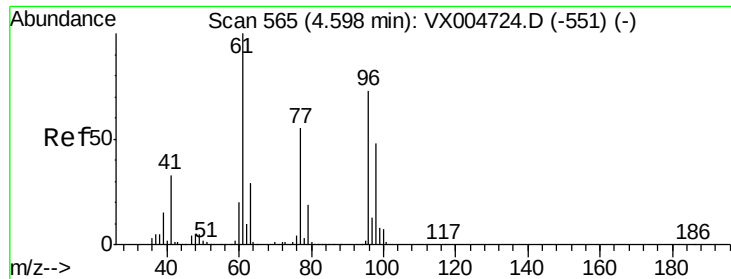
Tgt Ion: 77 Resp: 157216

Ion Ratio Lower Upper

77 100

97 23.5 12.6 37.8





#27

cis-1,2-Dichloroethene

Concen: 48.78 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

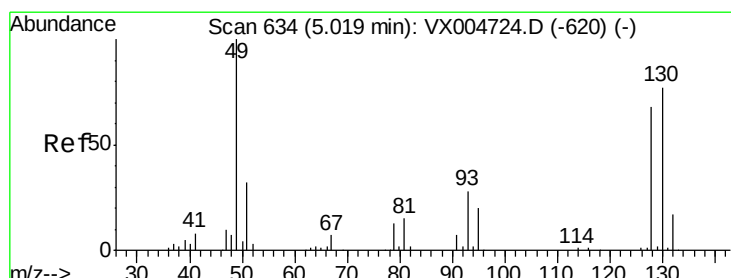
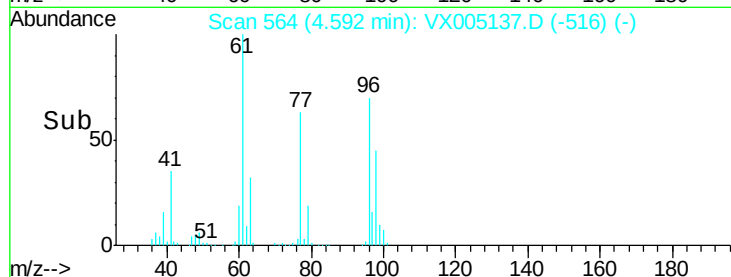
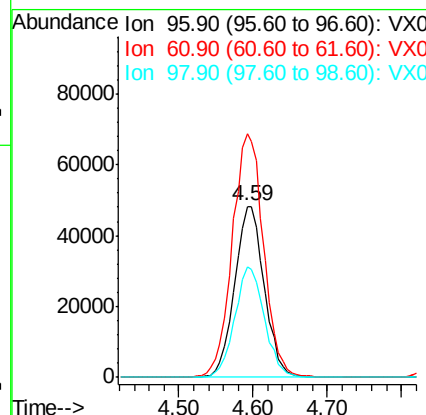
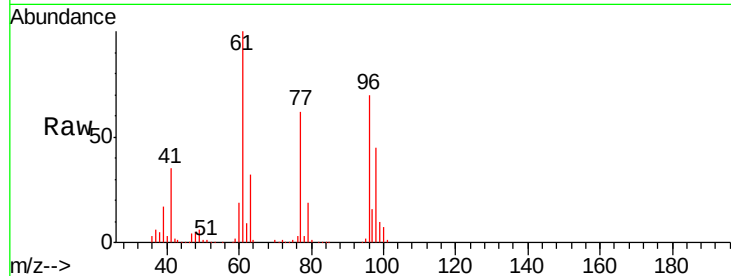
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	134392
Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	285.8
98	64.7	0.0	136.2

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#28

Bromochloromethane

Concen: 48.49 ug/l

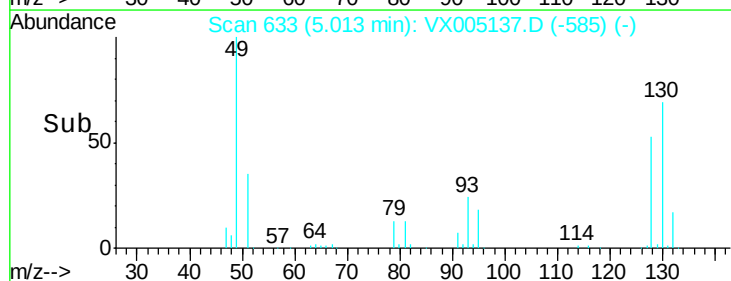
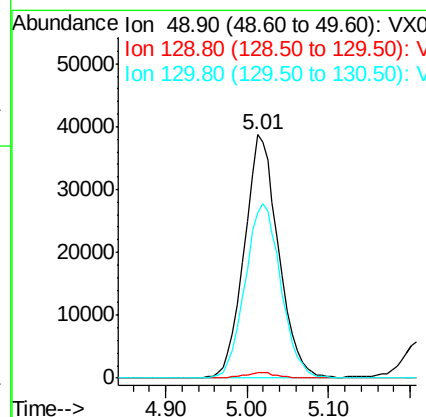
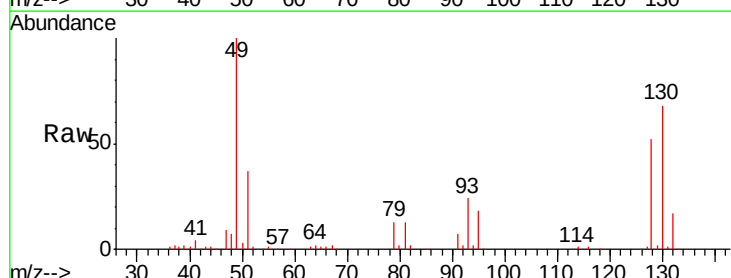
RT: 5.01 min Scan# 633

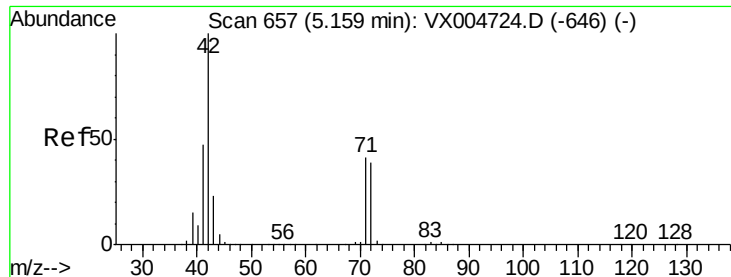
Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion:	49	Resp:	112756
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	74.8	62.0	93.0





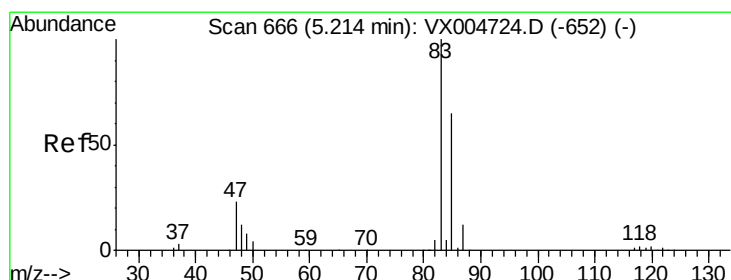
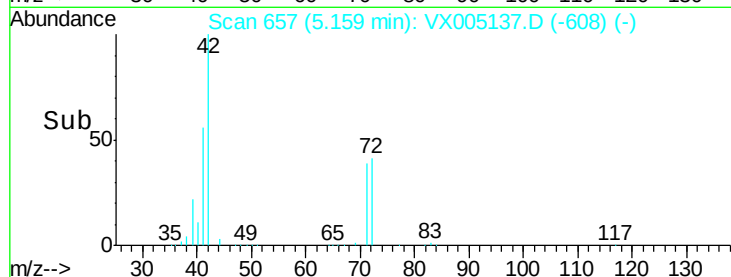
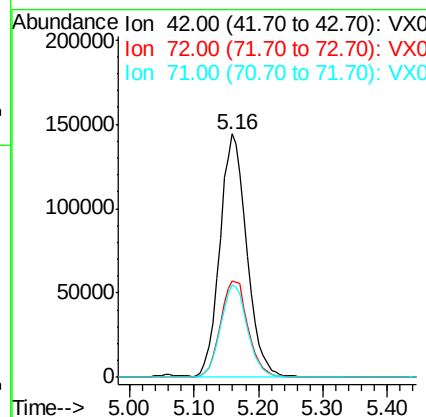
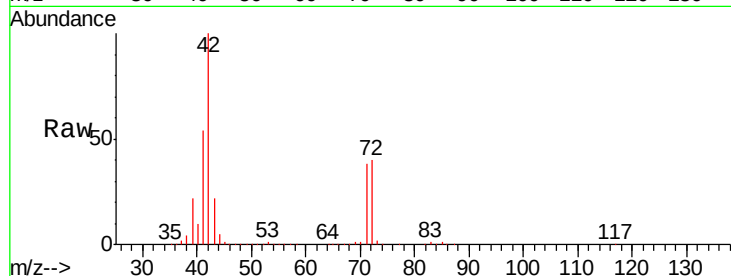
#29
Tetrahydrofuran
Concen: 266.52 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.7	50.5
71	38.0	32.2	48.4

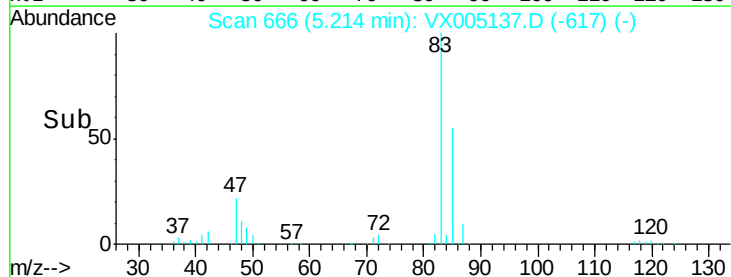
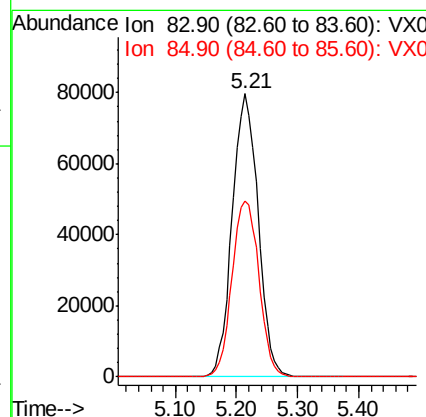
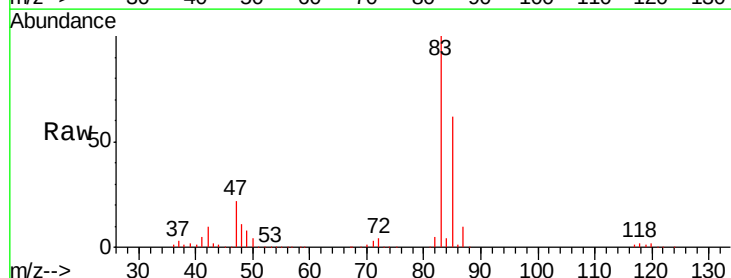
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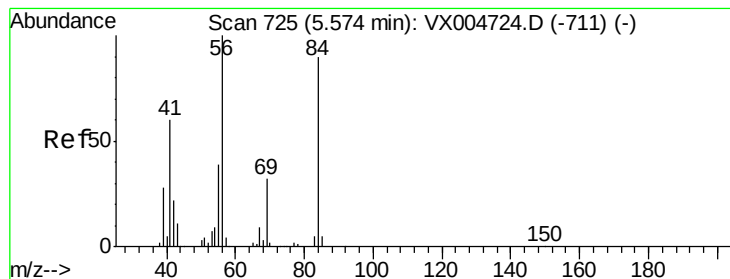
MMDadoda
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#30
Chloroform
Concen: 50.00 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.4	78.6





#31

Cyclohexane

Concen: 51.78 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

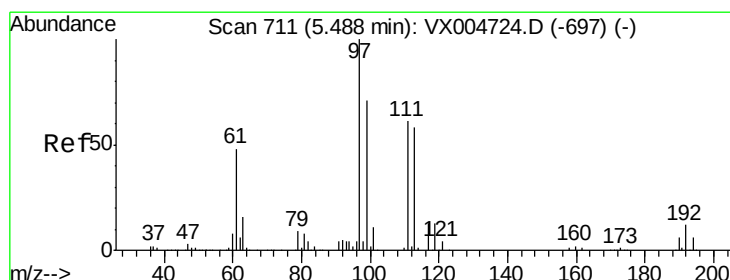
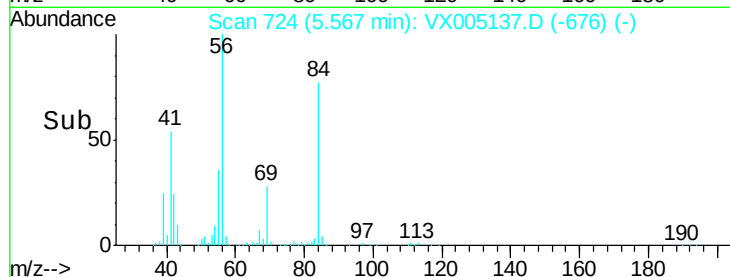
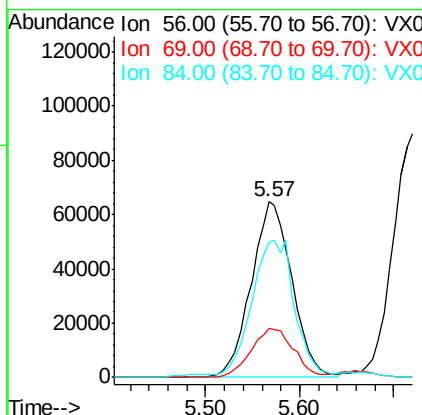
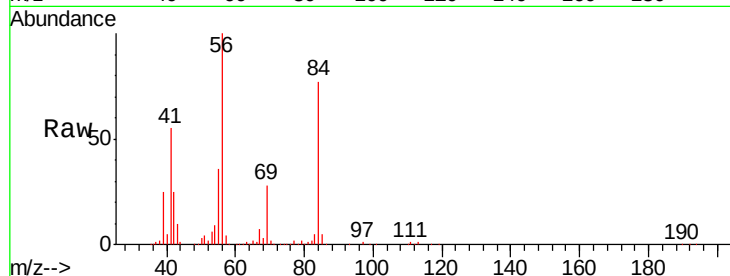
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	195699
Ion Ratio		Lower	Upper
56	100		
69	28.3	25.9	38.9
84	75.6	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 51.54 ug/l

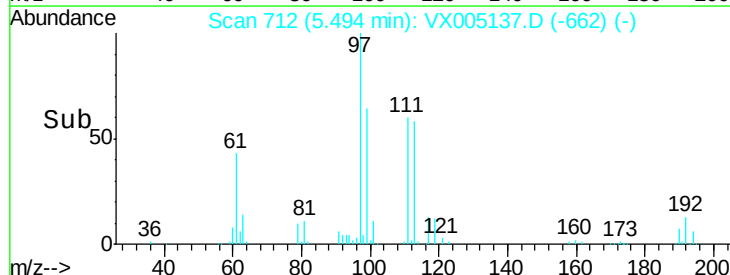
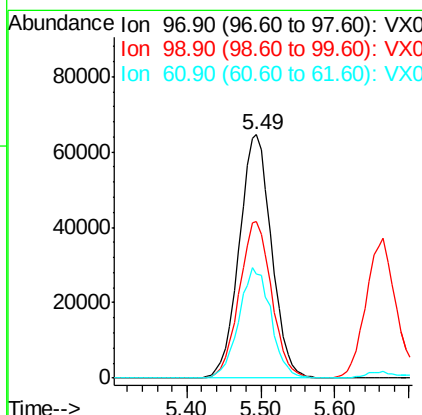
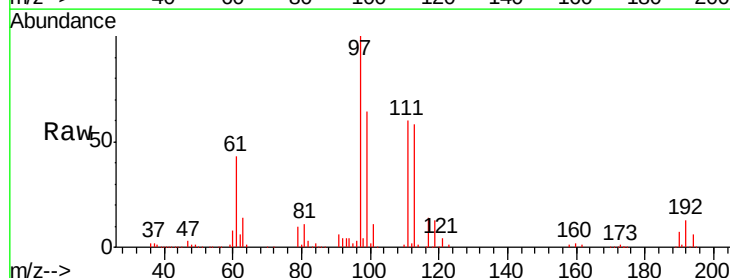
RT: 5.49 min Scan# 712

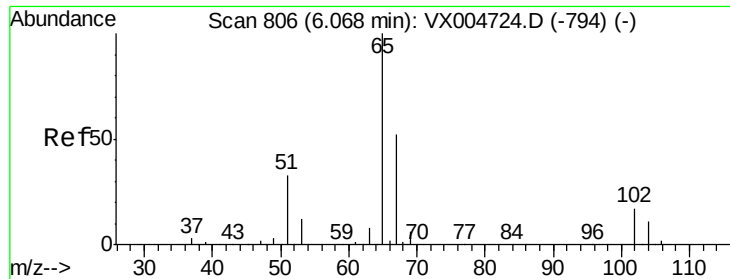
Delta R.T. 0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion:	97	Resp:	196424
Ion Ratio		Lower	Upper
97	100		
99	64.5	54.6	82.0
61	44.9	37.5	56.3





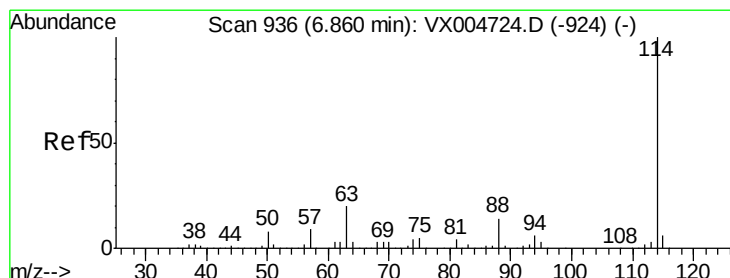
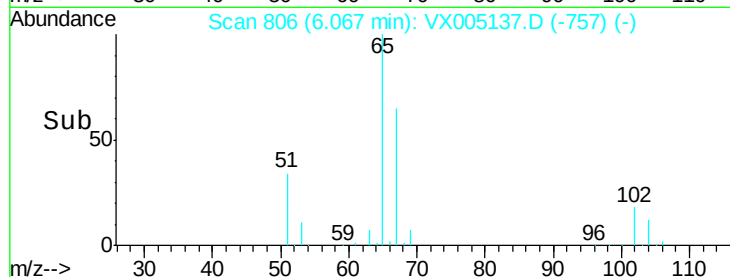
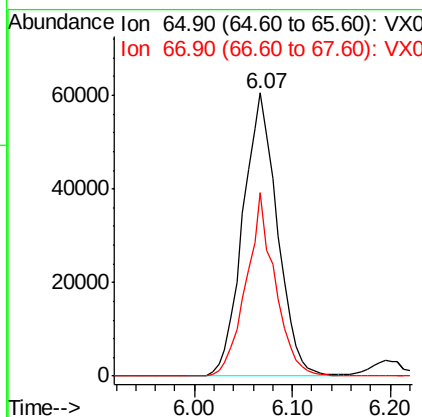
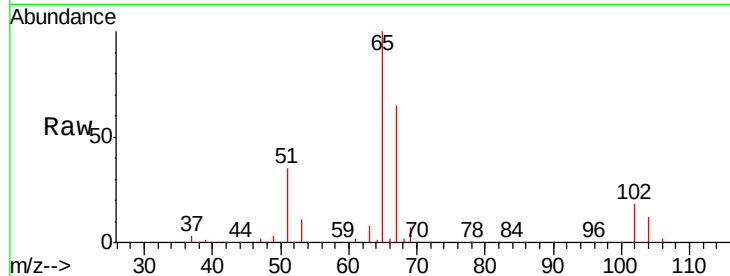
#33
 1,2-Dichloroethane-d4
 Concen: 49.79 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	147886		
67	54.4	0.0	107.4	

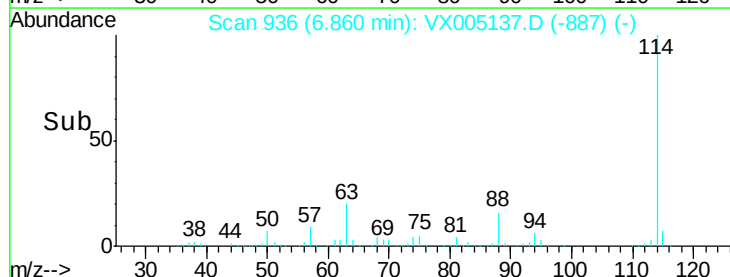
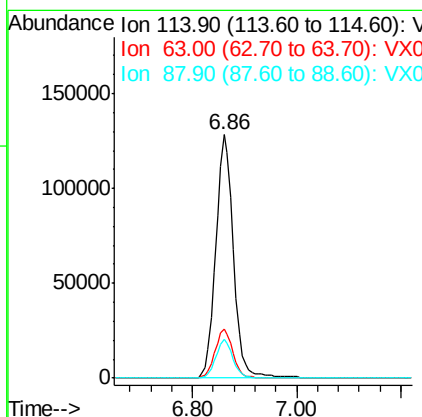
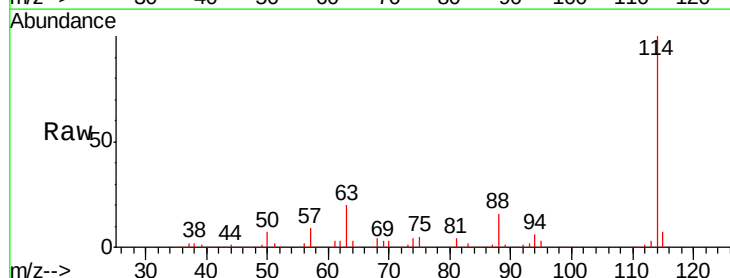
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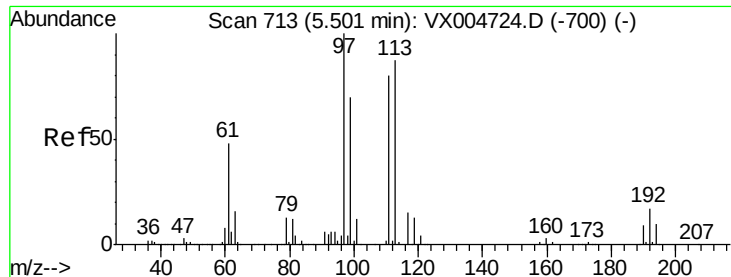
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	304367		
63	19.9	0.0	39.8	
88	15.7	0.0	27.0	





#35

Dibromofluoromethane

Concen: 45.13 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

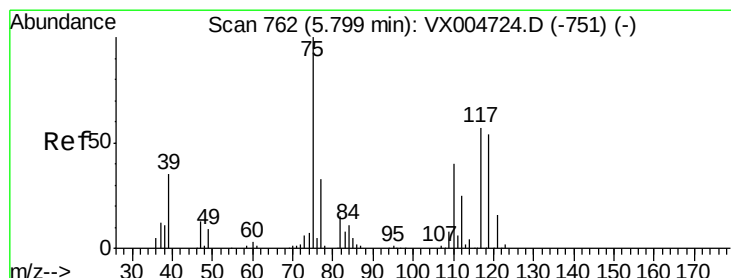
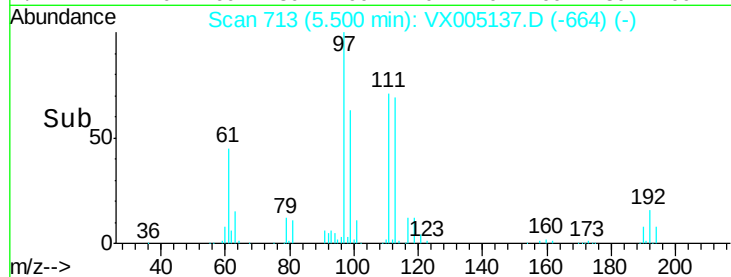
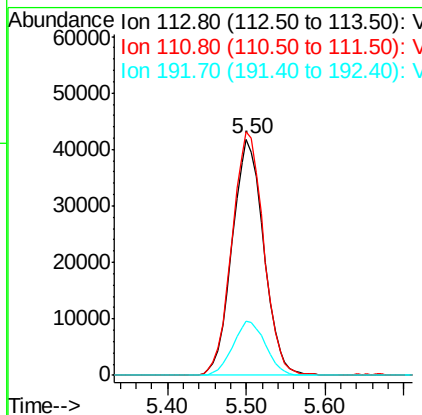
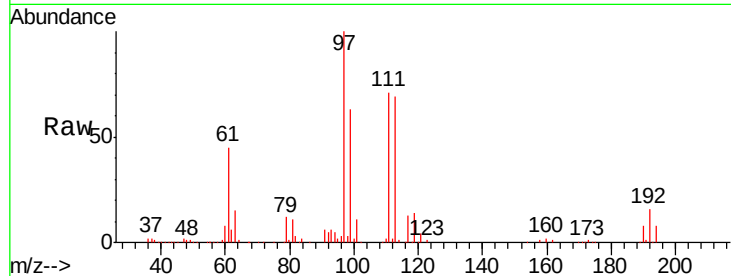
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	116411
Ion Ratio	Lower	Upper	
113	100		
111	103.4	77.0	115.4
192	23.8	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 46.18 ug/l

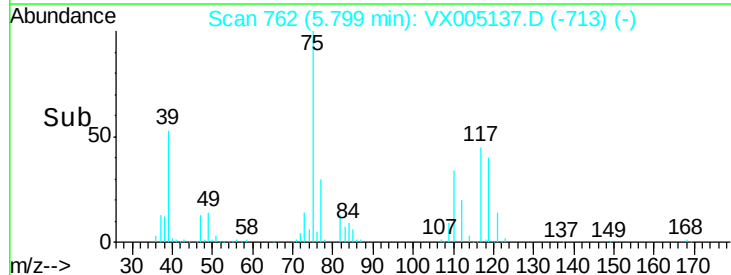
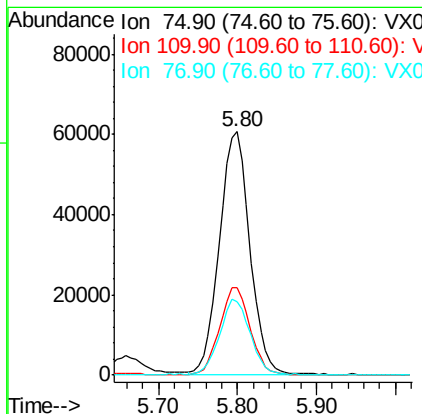
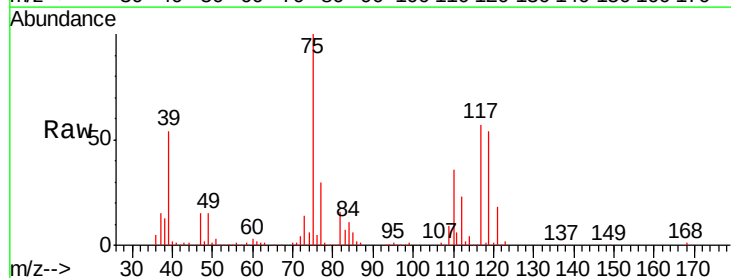
RT: 5.80 min Scan# 762

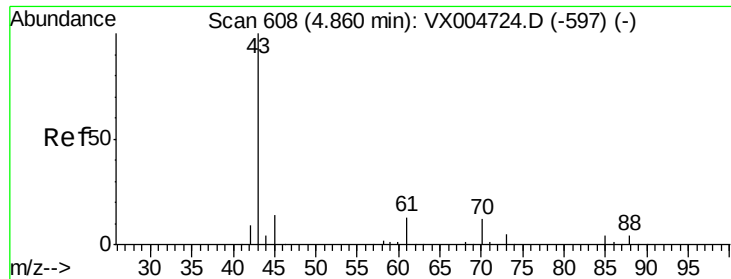
Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion:	75	Resp:	162543
Ion Ratio	Lower	Upper	
75	100		
110	36.2	20.0	59.9
77	31.0	27.1	40.7





#37

Ethyl Acetate

Concen: 48.64 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 227238

Ion Ratio Lower Upper

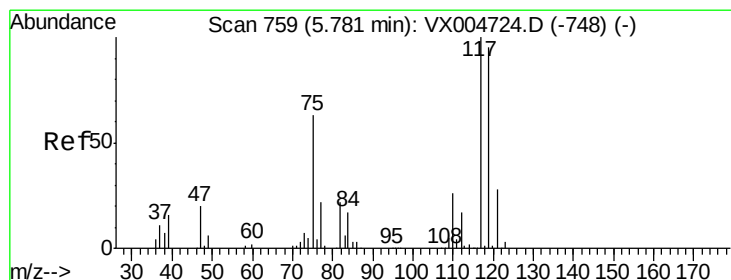
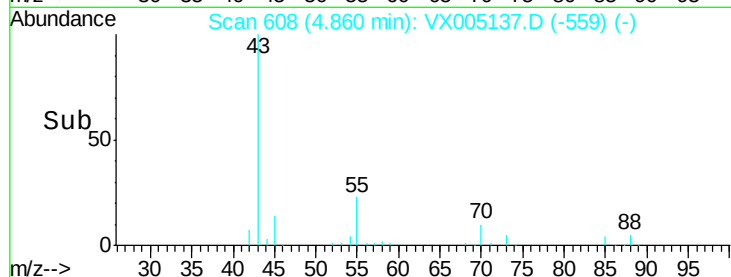
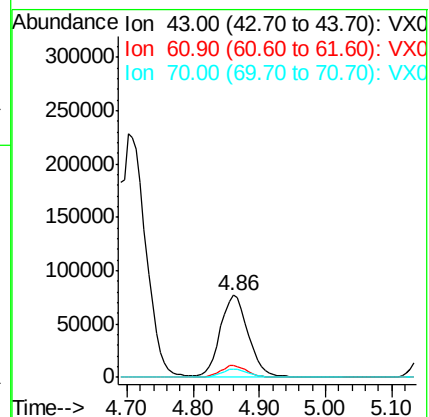
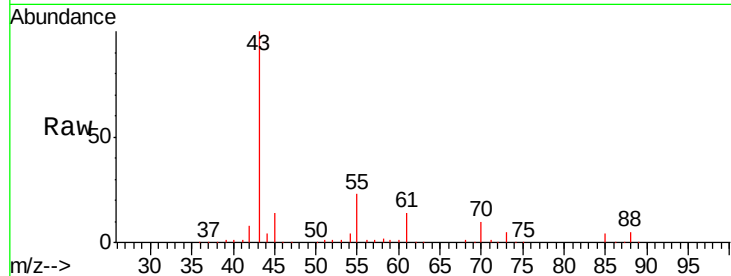
43 100

61 13.4 10.4 15.6

70 10.1 8.7 13.1

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#38

Carbon Tetrachloride

Concen: 45.65 ug/l

RT: 5.77 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

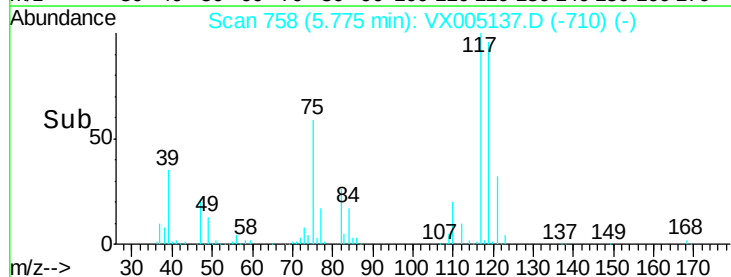
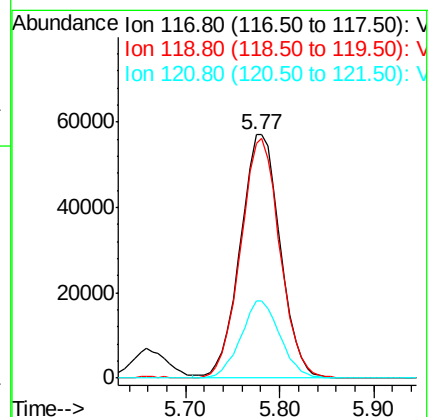
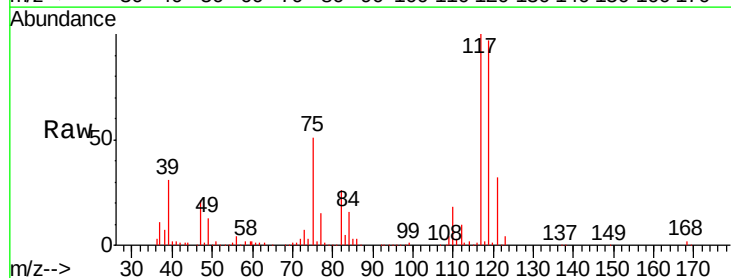
Tgt Ion: 117 Resp: 168897

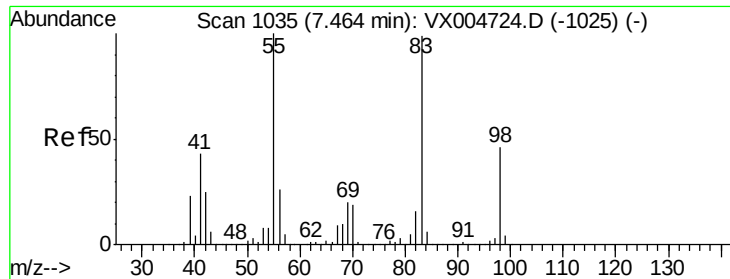
Ion Ratio Lower Upper

117 100

119 96.6 75.2 112.8

121 31.9 22.5 33.7





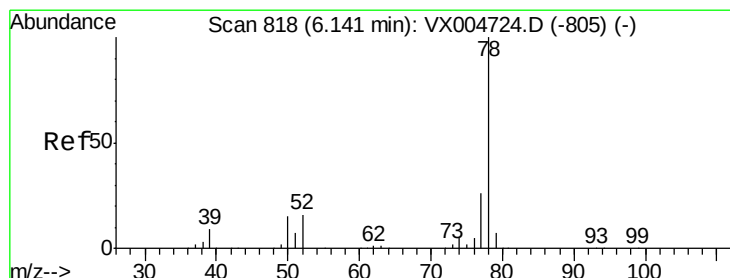
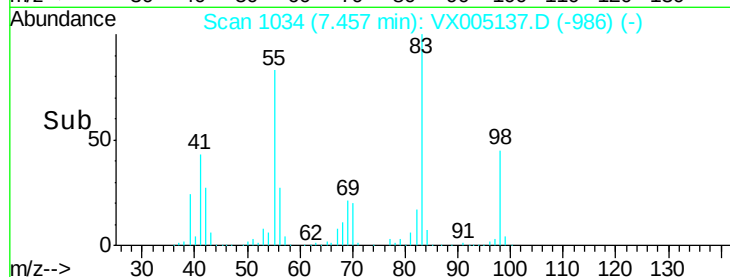
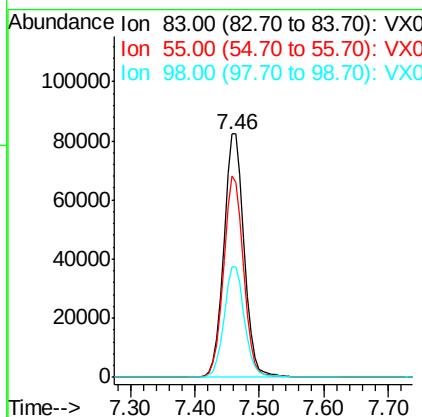
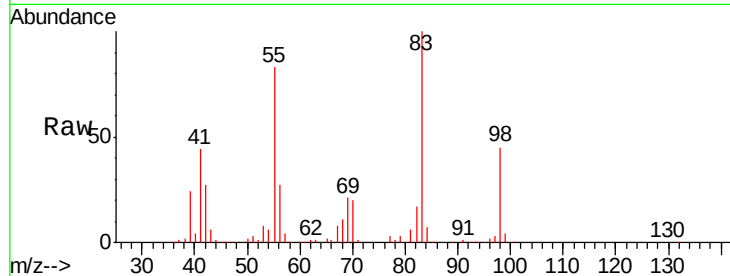
#39
Methylcyclohexane
Concen: 51.38 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	184637		
55	82.6	81.1	121.7	
98	45.4	37.3	55.9	

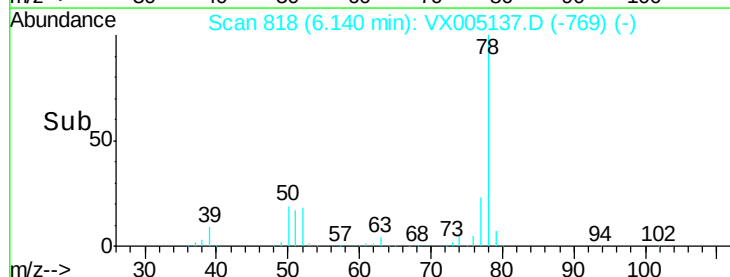
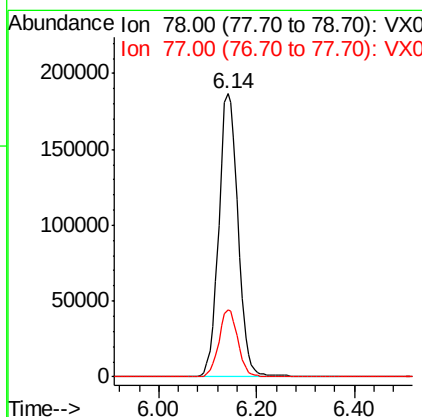
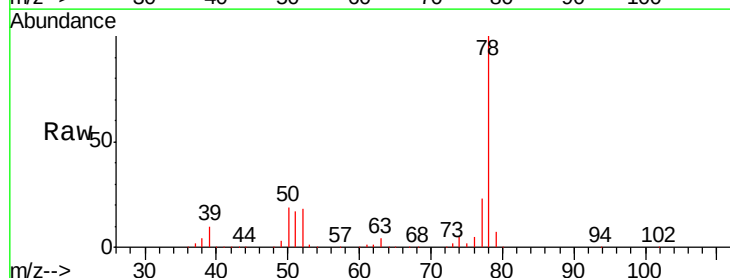
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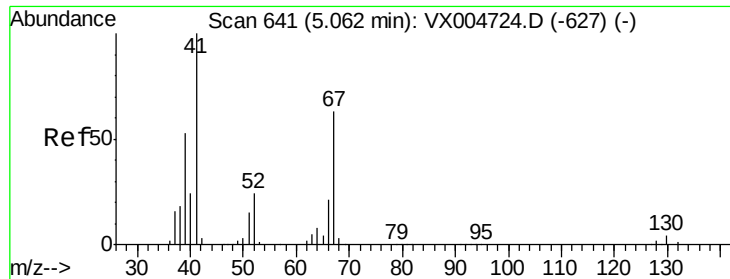
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#40
Benzene
Concen: 46.32 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	510409		
77	23.5	21.0	31.4	





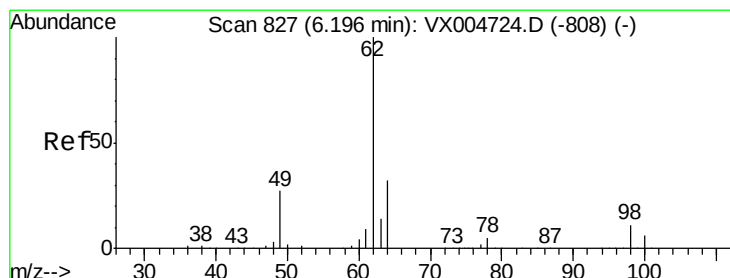
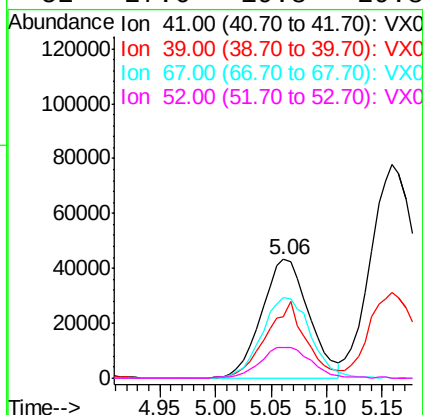
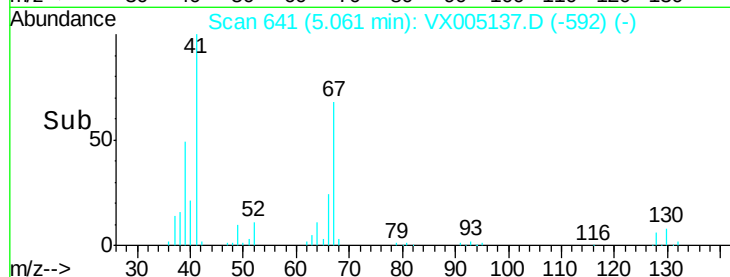
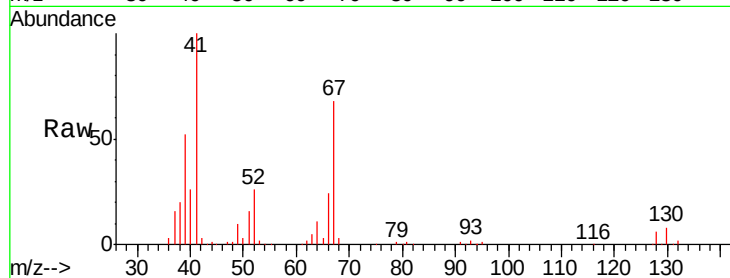
#41
Methacrylonitrile
Concen: 49.61 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	42.5	63.7	
67	70.0	53.0	79.6	
52	27.6	19.8	29.8	

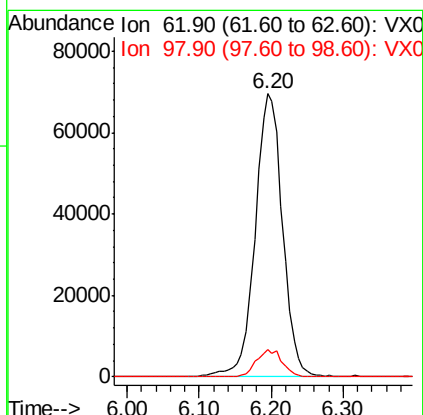
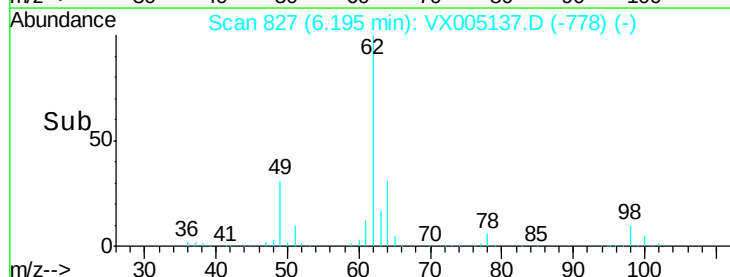
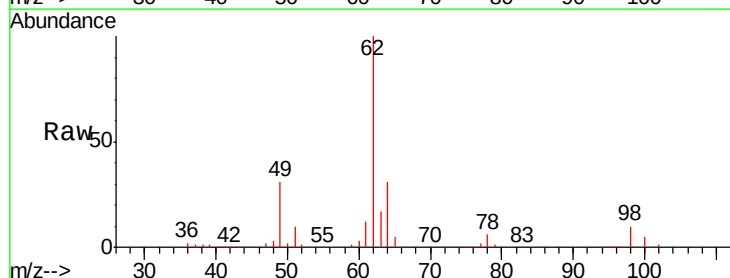
Manual Integrations
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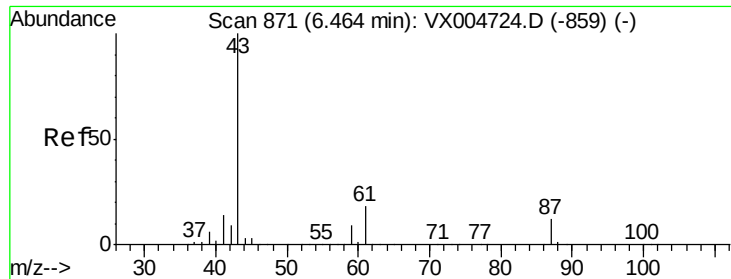
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.09 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	20.2	





#43

Isopropyl Acetate

Concen: 49.97 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

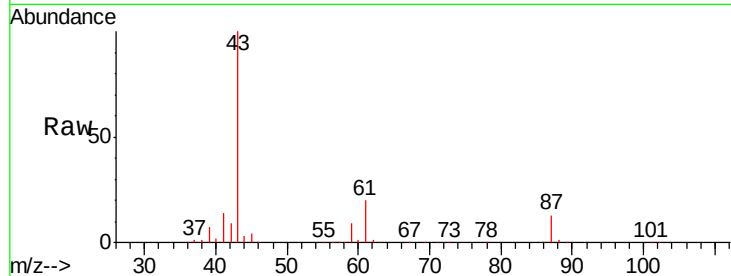
ClientSampleId :

VSTDCCC050EC

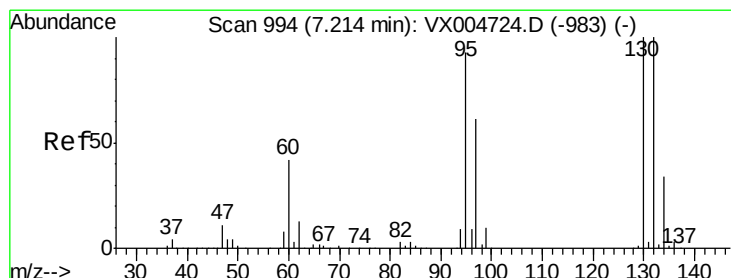
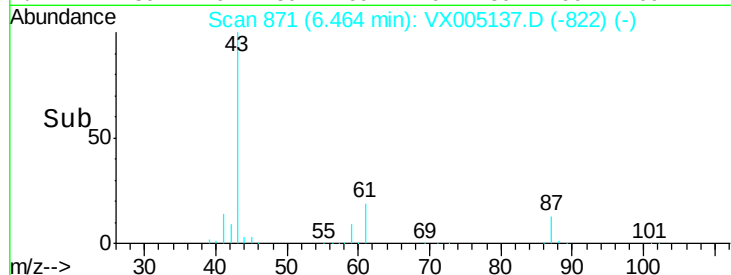
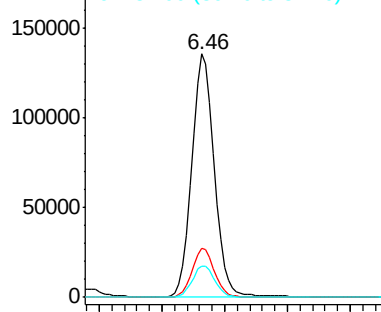
Tgt Ion:	43	Resp:	336946
Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.2	21.4
87	13.1	9.3	13.9

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 50.84 ug/l

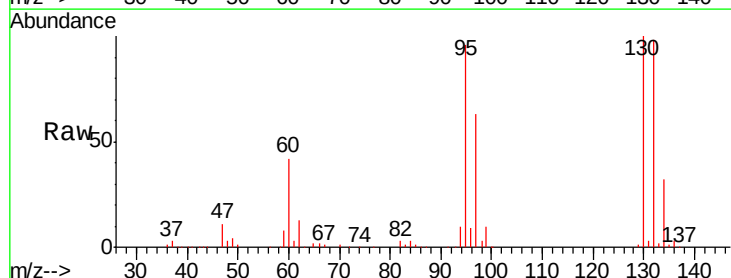
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

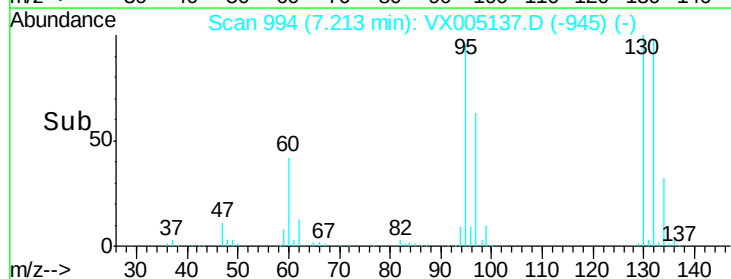
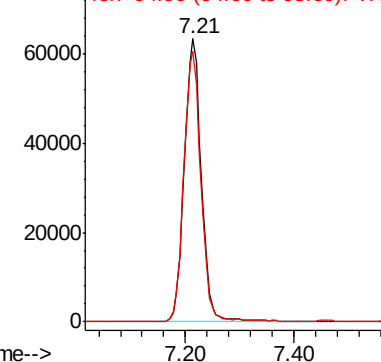
Lab File: VX005137.D

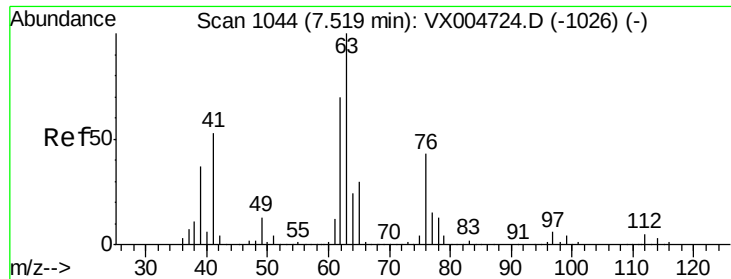
Acq: 08 Oct 2018 19:36

Tgt Ion:	130	Resp:	137713
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	186.8



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)





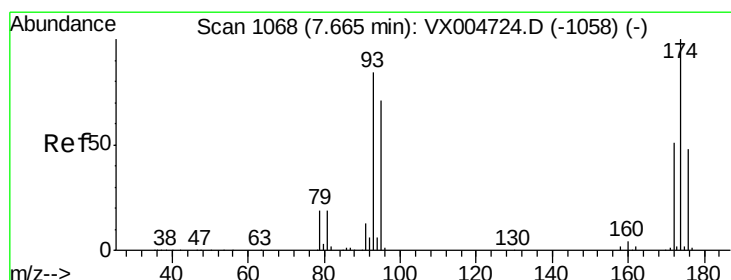
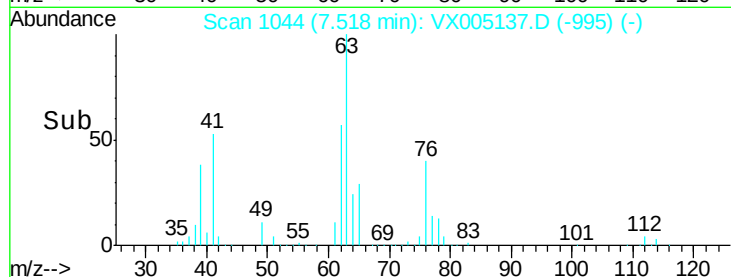
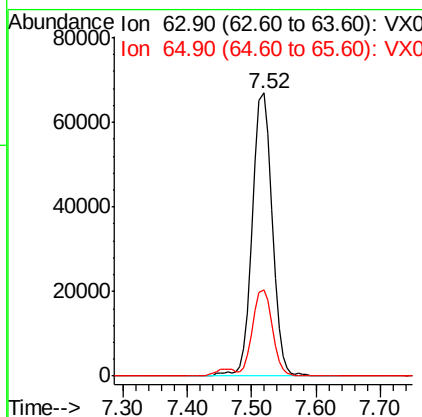
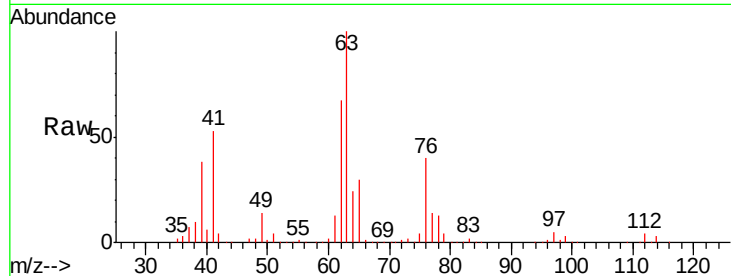
#45
 1,2-Dichloropropane
 Concen: 51.99 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 140481
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.9 35.9

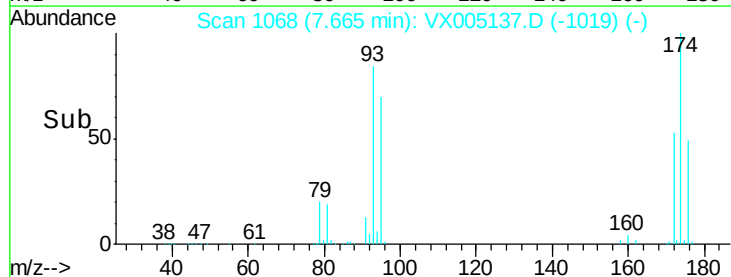
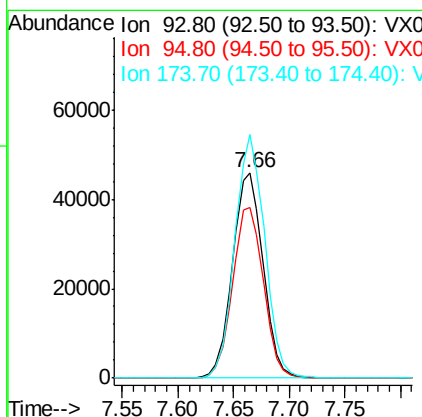
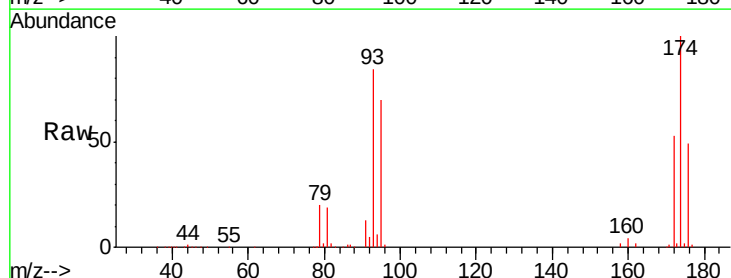
Manual Integrations
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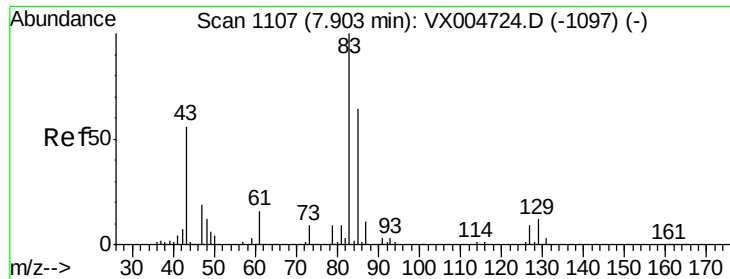
MMDadoda
 10/9/2018 1:47:52 PM



#46
 Dibromomethane
 Concen: 51.66 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion: 93 Resp: 87724
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.7 100.1
 174 115.7 92.7 139.1





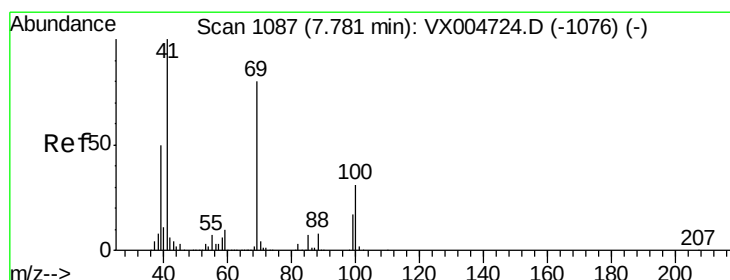
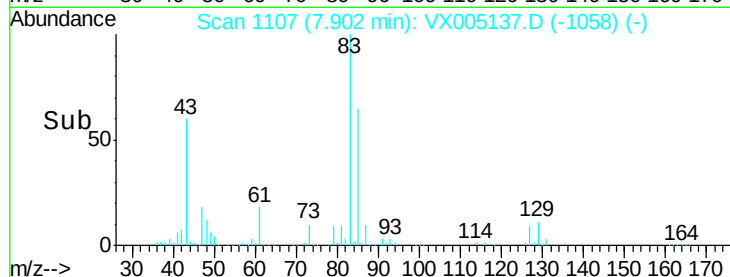
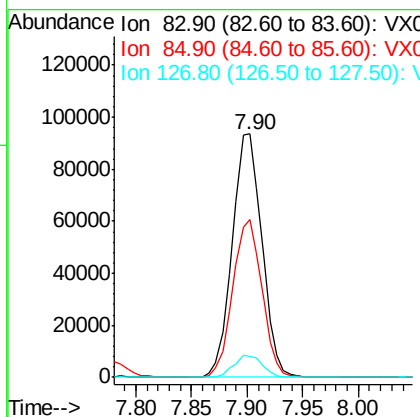
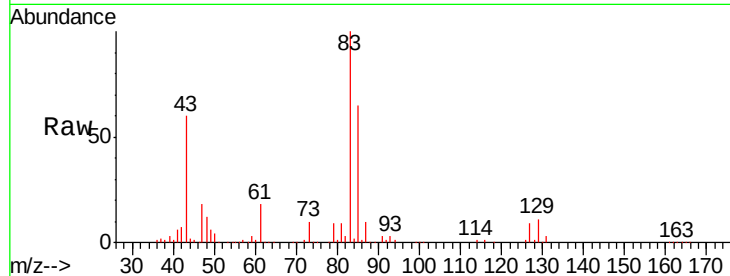
#47
Bromodichloromethane
Concen: 54.42 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	173028		
85	64.7	51.2	76.8	
127	8.7	7.0	10.6	

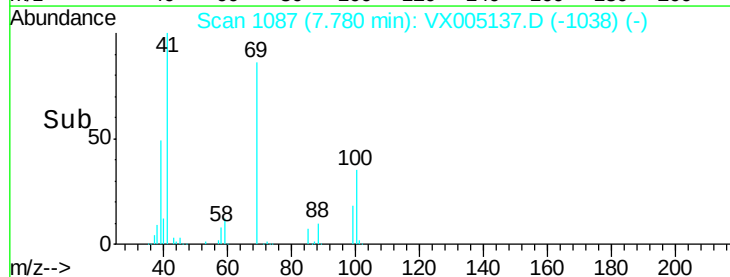
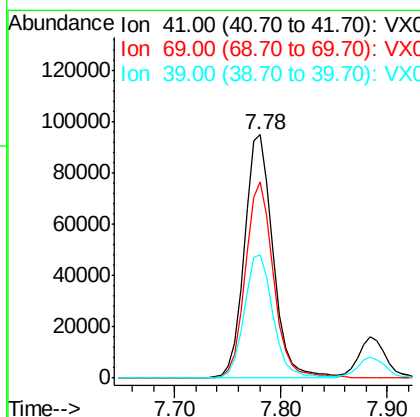
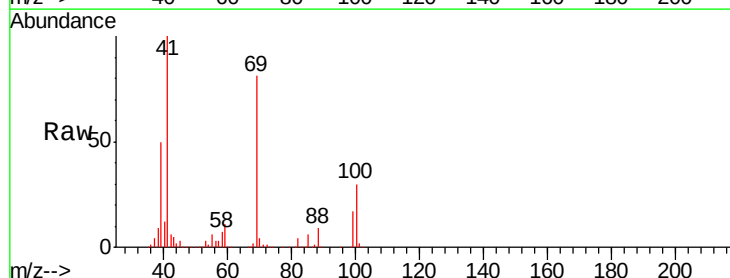
Manual Integrations
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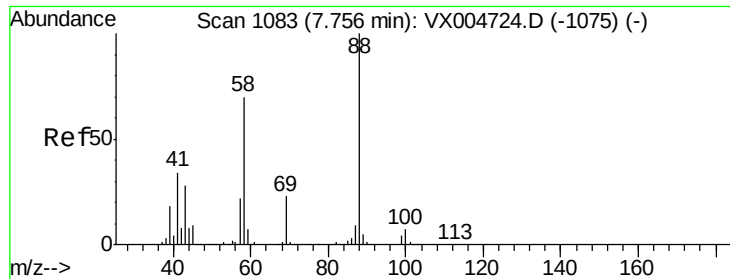
MMDadoda
10/9/2018 1:47:52 PM



#48
Methyl methacrylate
Concen: 58.47 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	178937		
69	80.0	63.8	95.6	
39	50.8	40.7	61.1	





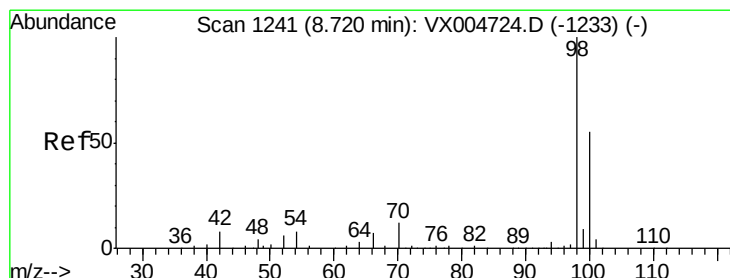
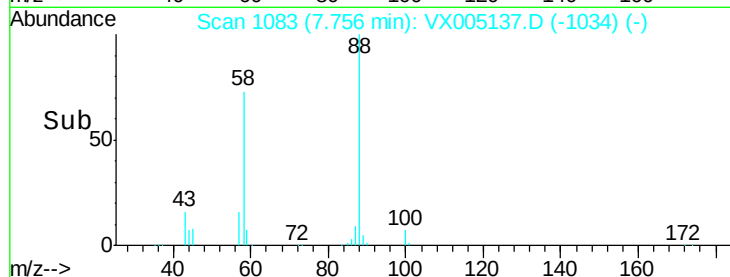
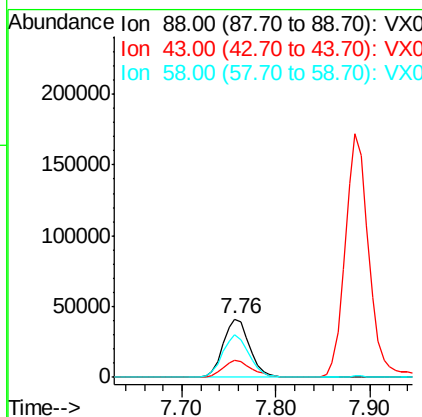
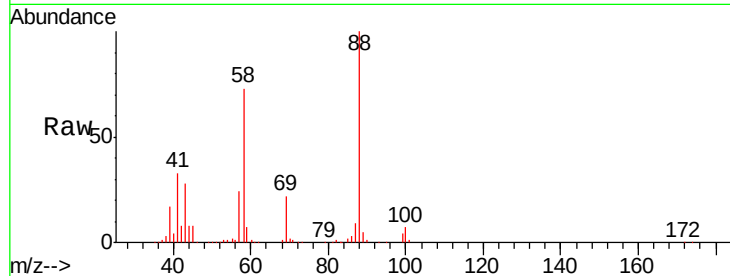
#49
1,4-Dioxane
Concen: 1048.50 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.1	37.7
58	73.7	56.2	84.2

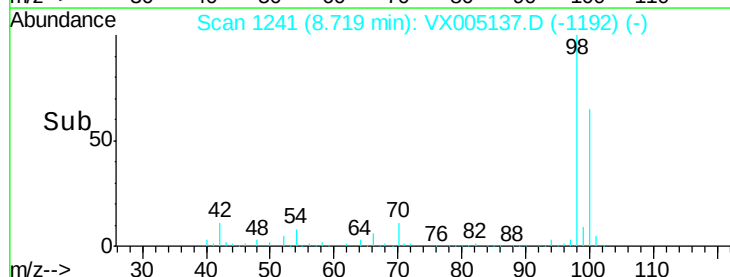
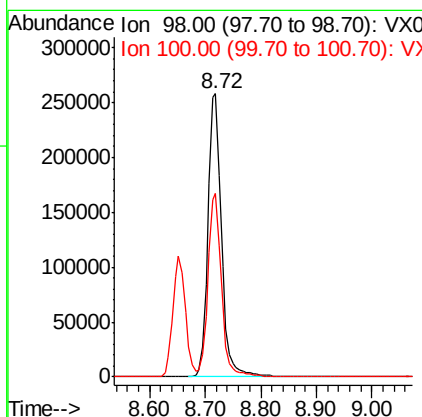
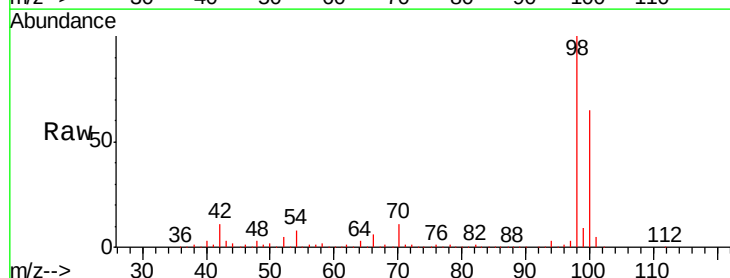
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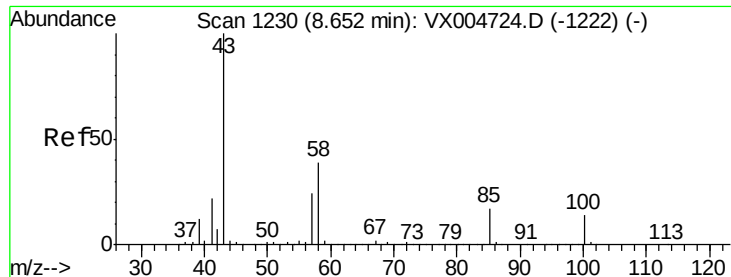
MMDadoda
10/9/2018 1:47:52 PM



#50
Toluene-d8
Concen: 51.68 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 290.60 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1233774

Ion Ratio Lower Upper

43 100

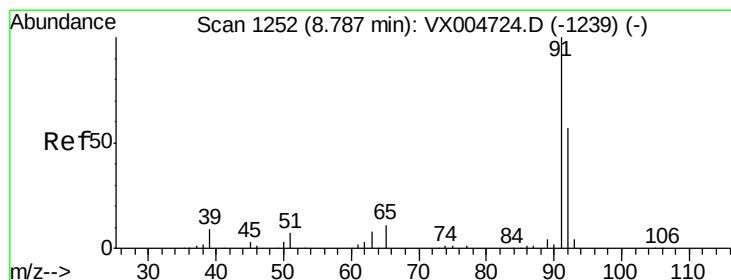
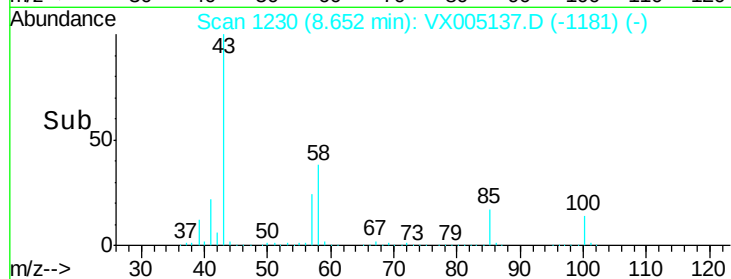
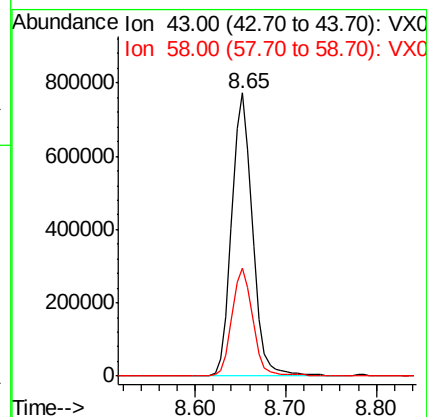
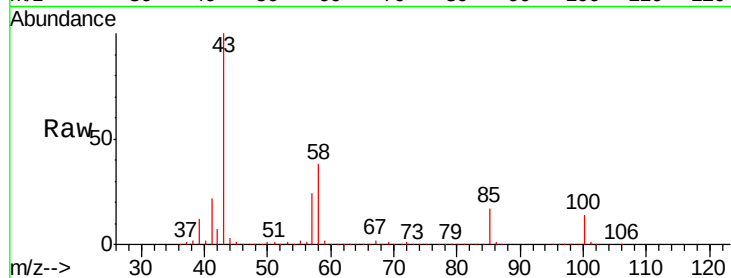
58 38.7 30.5 45.7

Manual Integrations

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#52

Toluene

Concen: 52.61 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005137.D

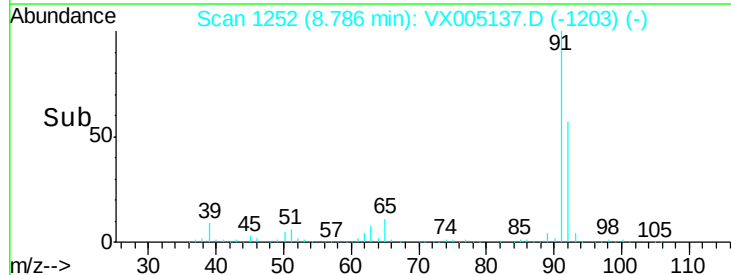
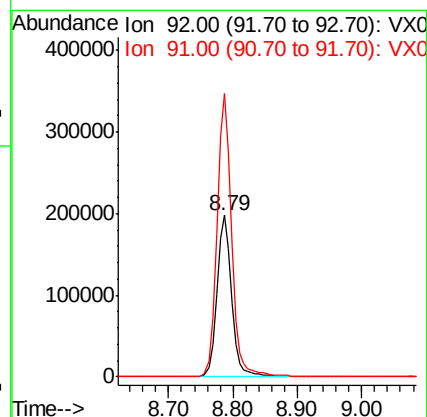
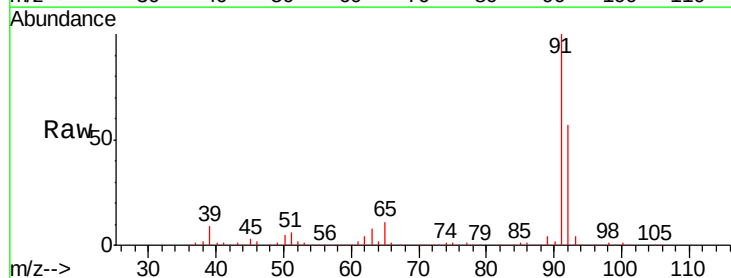
Acq: 08 Oct 2018 19:36

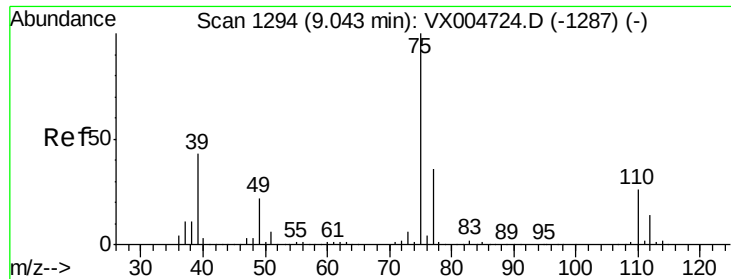
Tgt Ion: 92 Resp: 318534

Ion Ratio Lower Upper

92 100

91 174.5 136.7 205.1





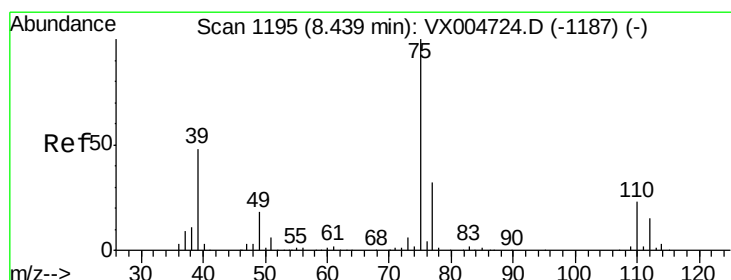
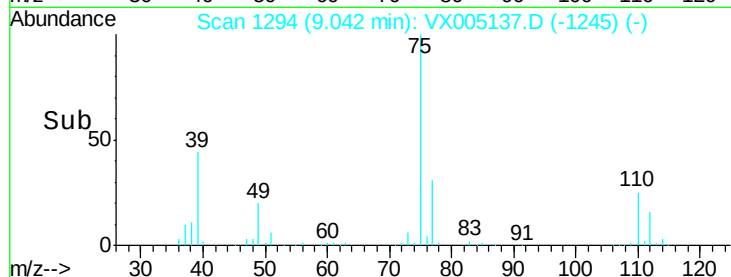
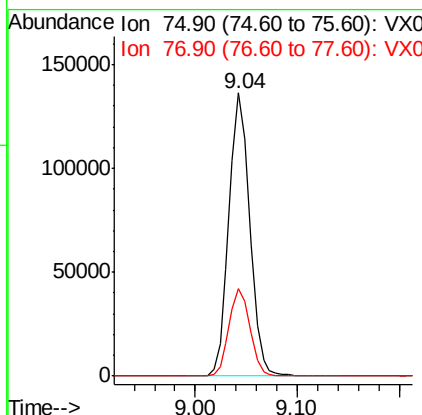
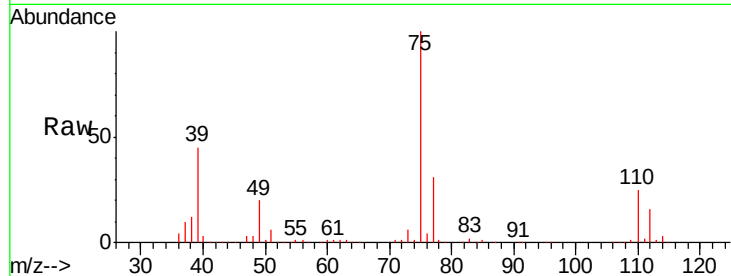
#53
t-1,3-Dichloropropene
Concen: 53.58 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 192515
Ion Ratio Lower Upper
75 100
77 31.0 28.9 43.3

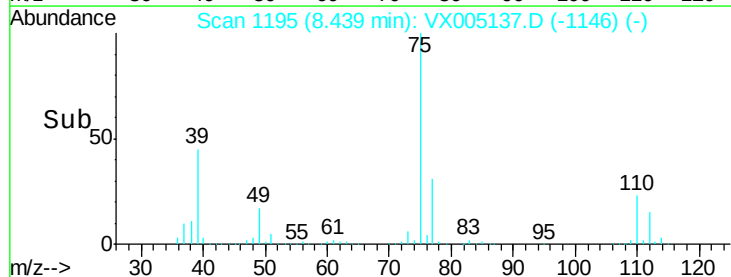
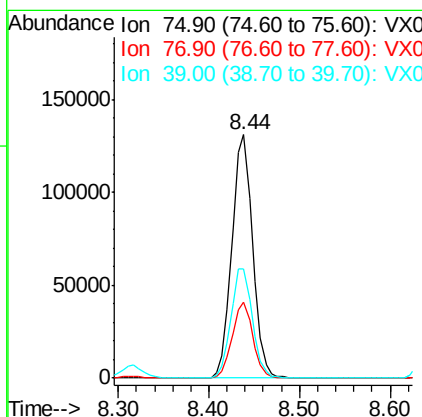
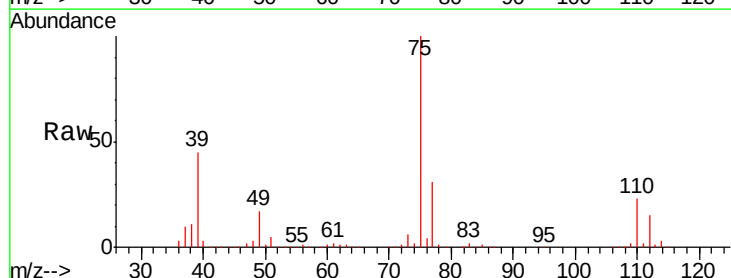
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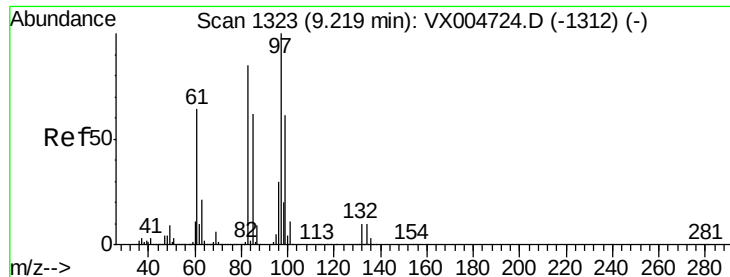
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 55.50 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 75 Resp: 208848
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 44.8 38.3 57.5





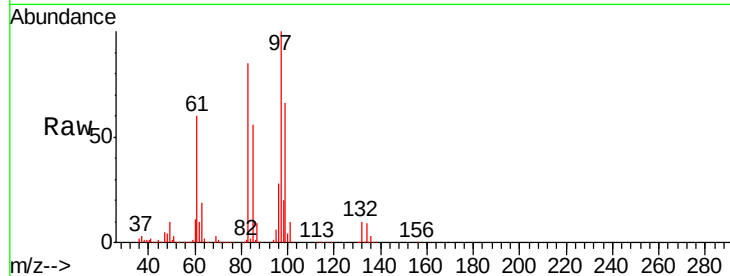
#55
 1,1,2-Trichloroethane
 Concen: 51.77 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

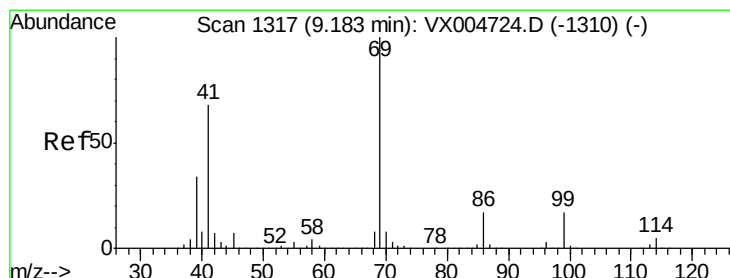
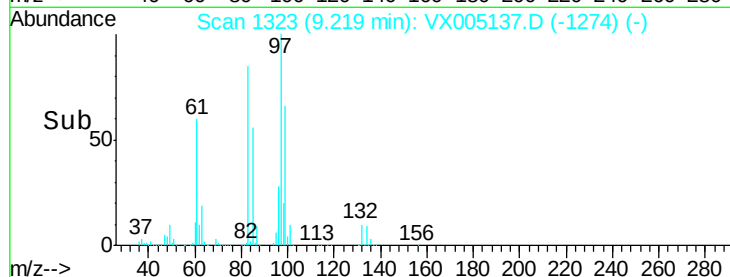
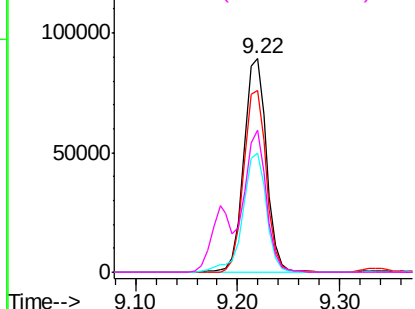
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.2	102.2
85	56.0	49.9	74.9
99	66.2	48.9	73.3

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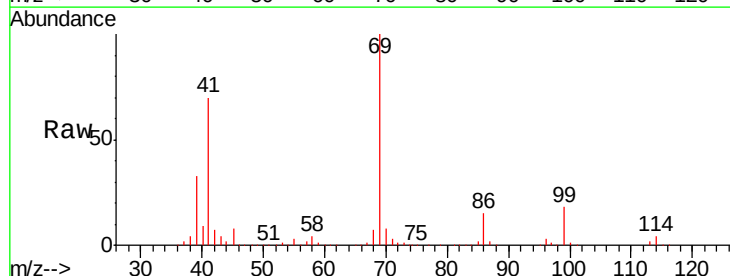


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

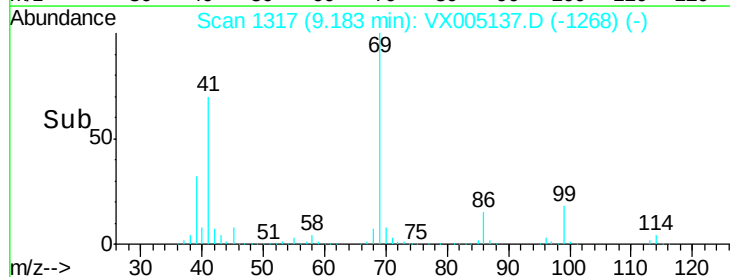
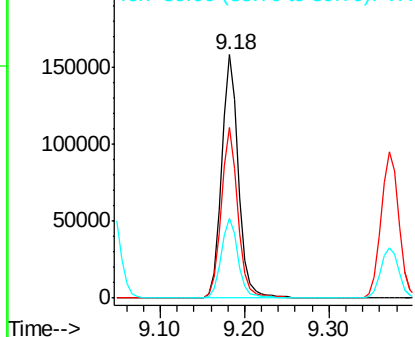


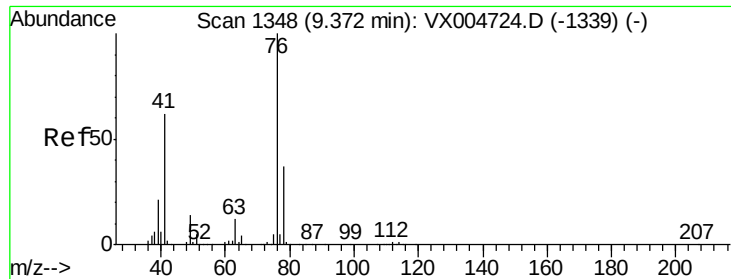
#56
 Ethyl methacrylate
 Concen: 50.94 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.9	85.3
39	32.9	28.4	42.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





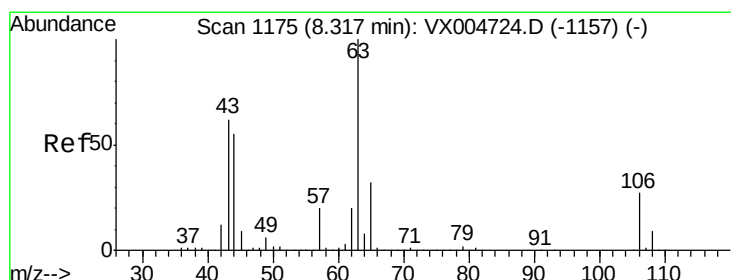
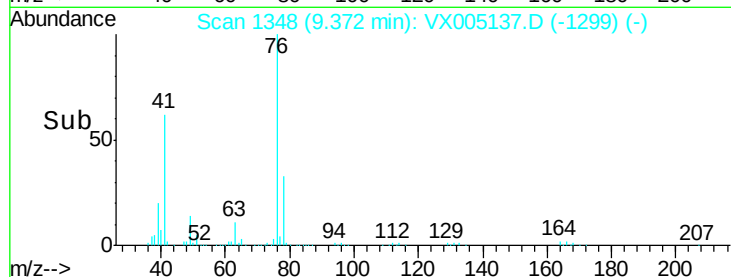
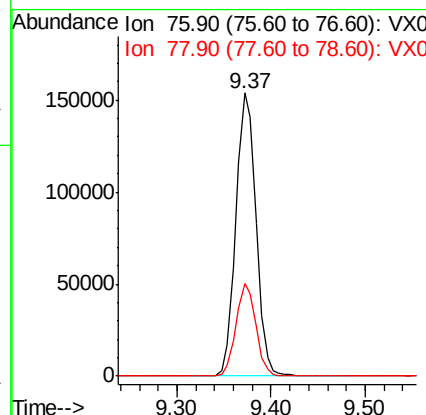
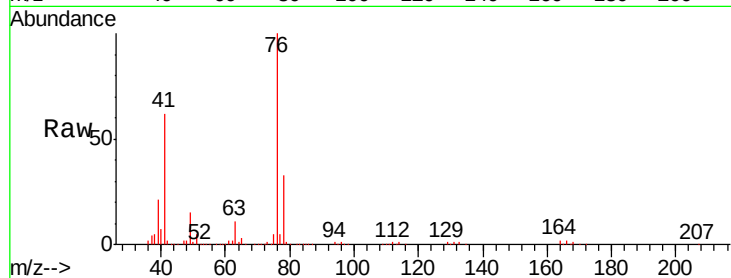
#57
 1,3-Dichloropropane
 Concen: 51.78 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.6	40.0

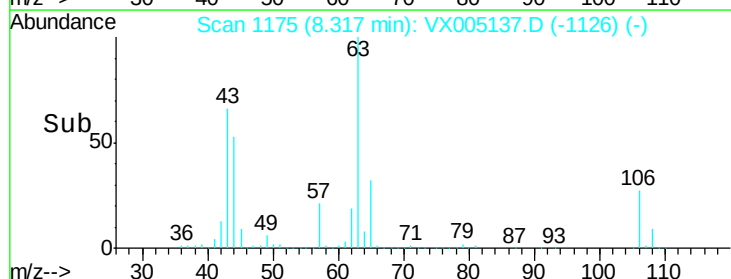
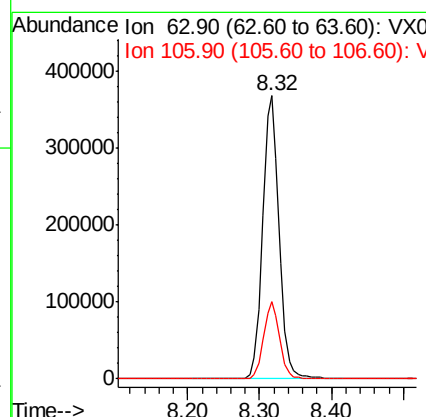
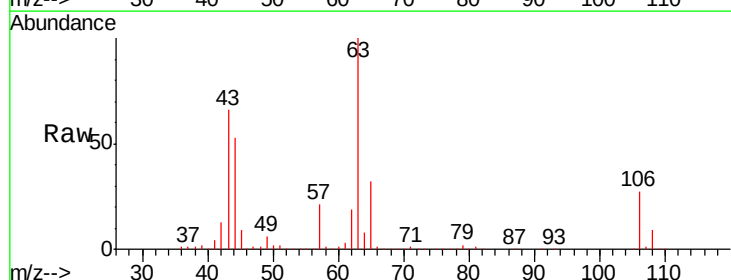
Manual Integrations
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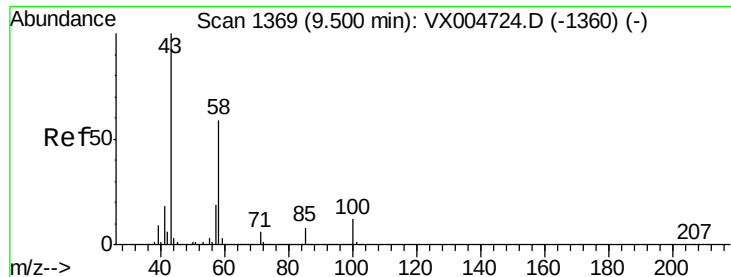
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 256.45 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.0	31.6





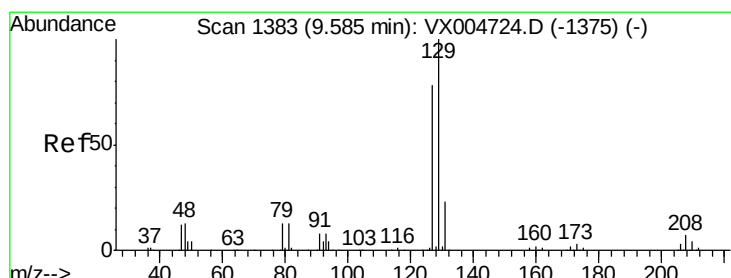
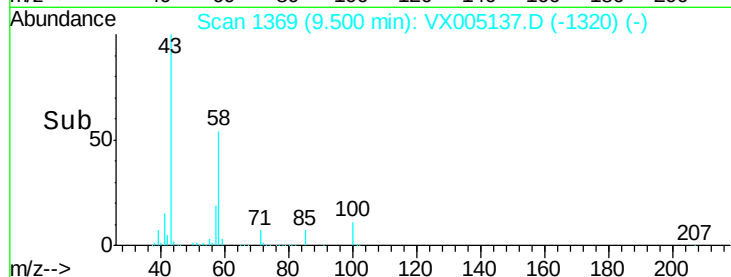
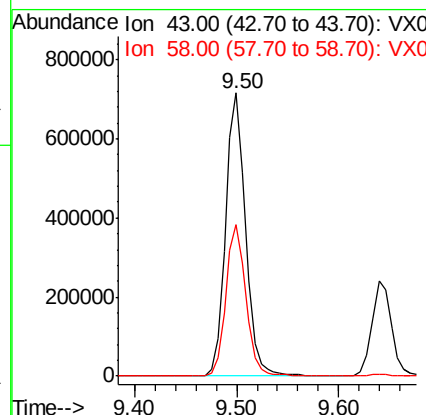
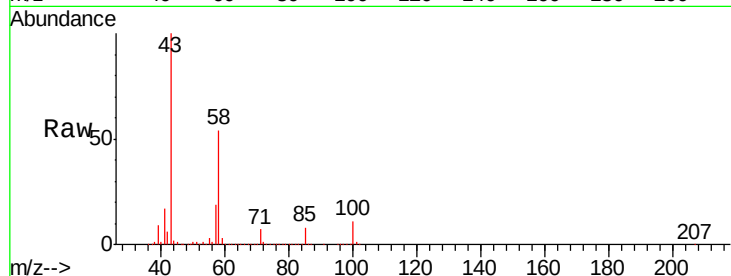
#59
2-Hexanone
Concen: 277.31 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 981109
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3

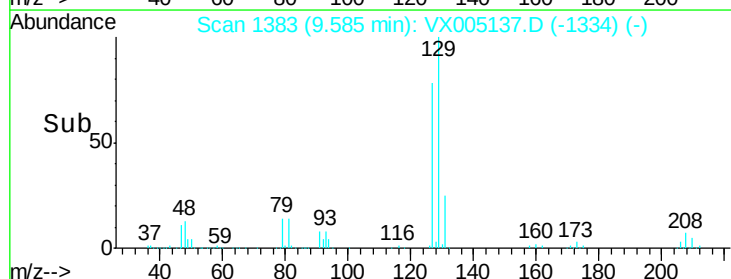
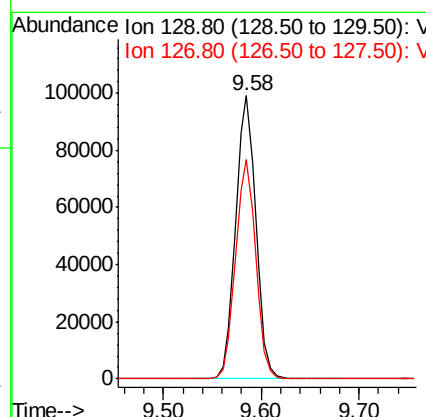
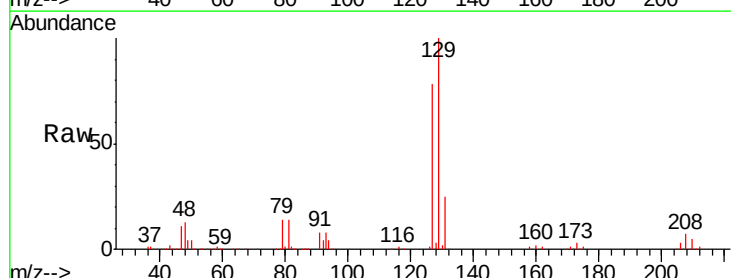
Manual Integrations
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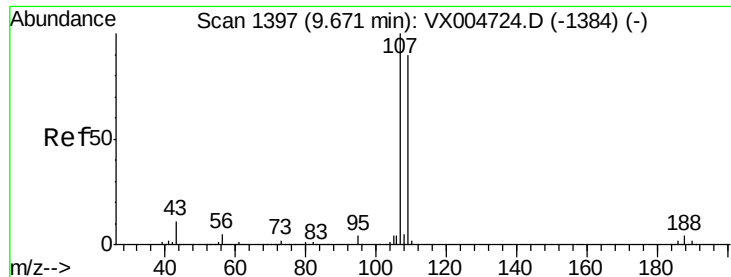
MMDadoda
10/9/2018 1:47:52 PM



#60
Dibromochloromethane
Concen: 53.82 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 129 Resp: 142736
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.38 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 140252

Ion Ratio Lower Upper

107 100

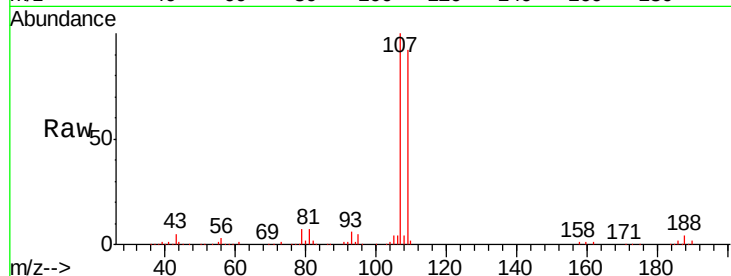
109 94.1 72.1 108.1

Manual Integrations

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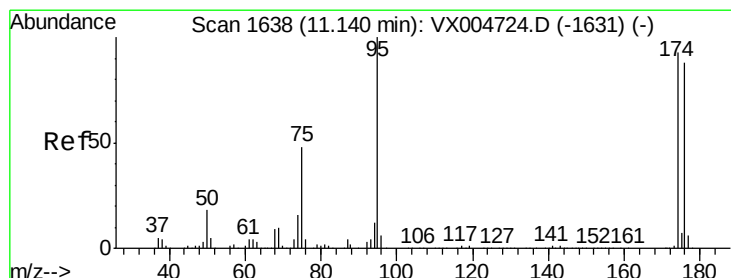
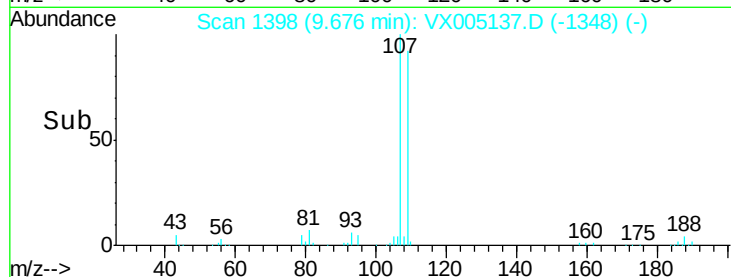
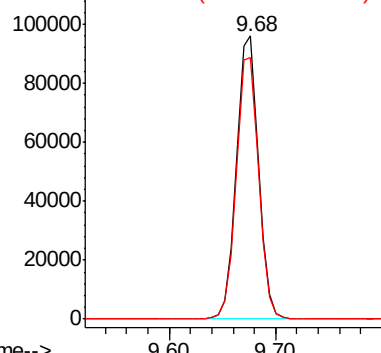
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.85 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

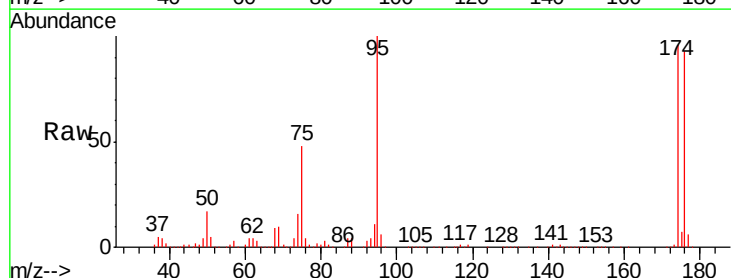
Tgt Ion: 95 Resp: 169445

Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.0

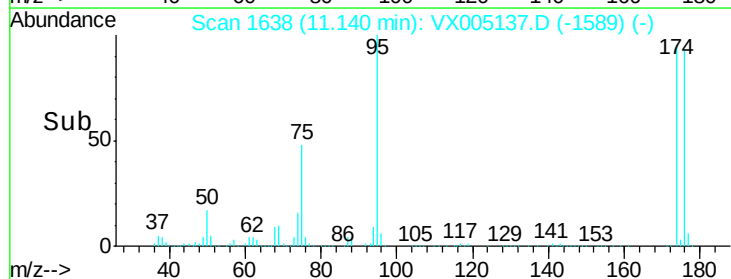
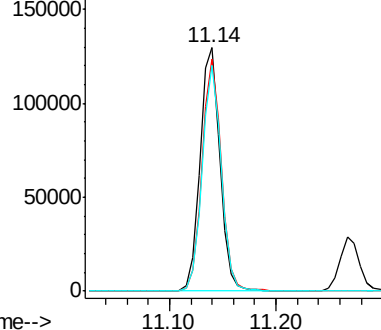
176 89.6 0.0 180.2

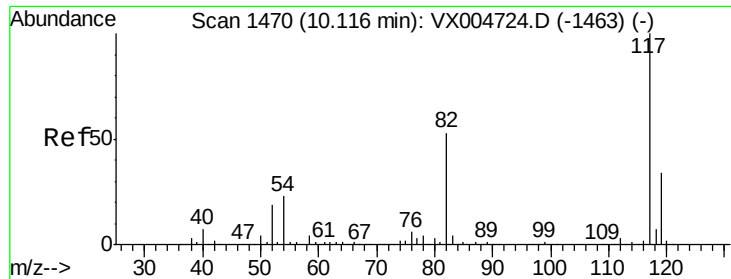


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





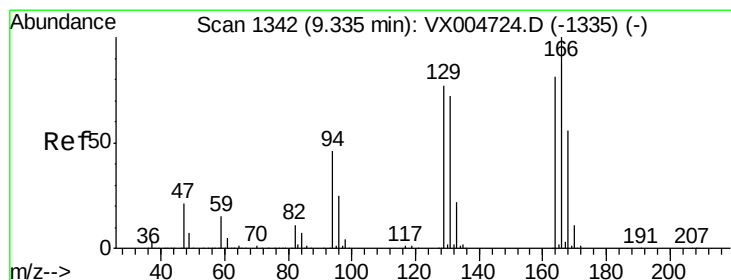
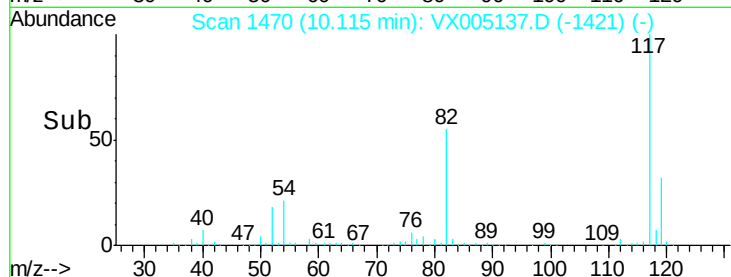
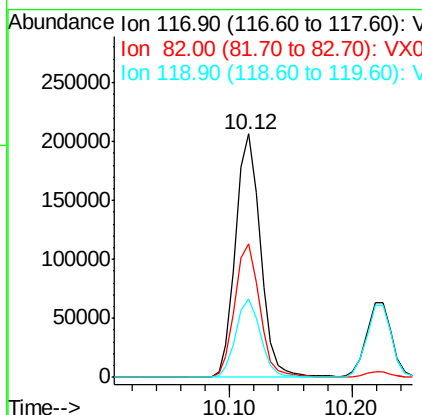
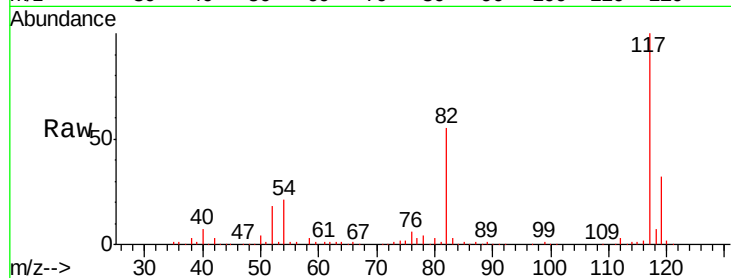
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	292038		
82	55.1	42.2	63.4	
119	32.3	27.4	41.0	

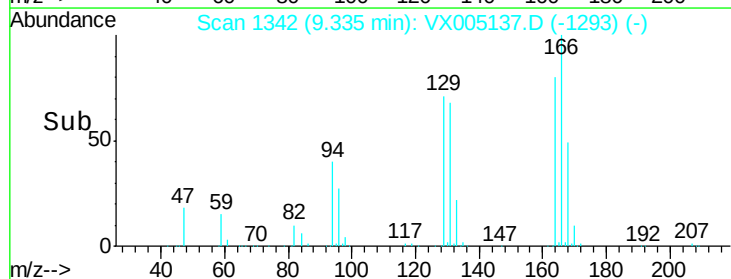
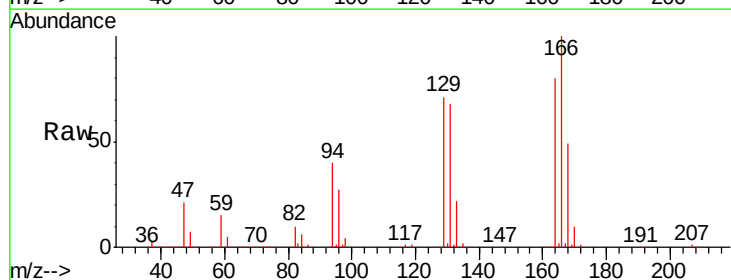
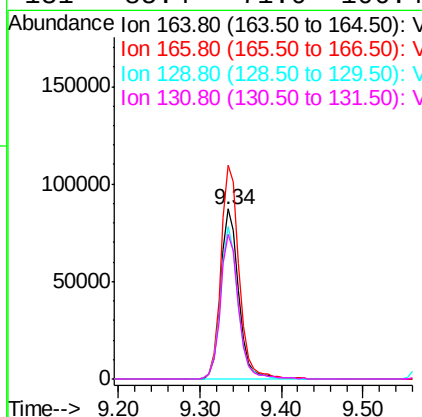
Manual Integrations
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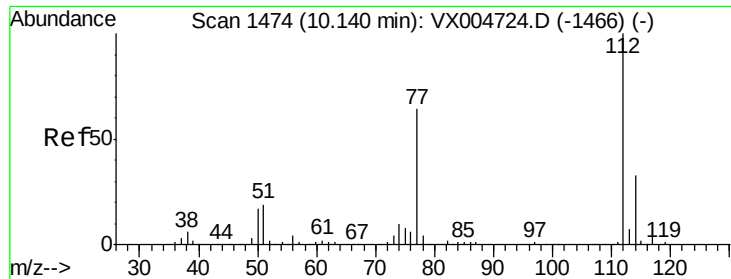
MMDadoda
10/9/2018 1:47:52 PM



#64
Tetrachloroethene
Concen: 46.72 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	134292		
166	125.6	98.4	147.6	
129	89.3	76.1	114.1	
131	85.4	71.0	106.4	





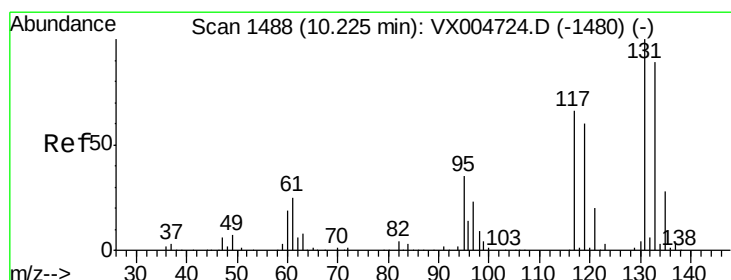
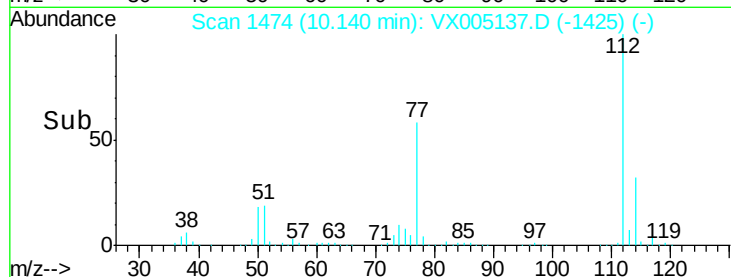
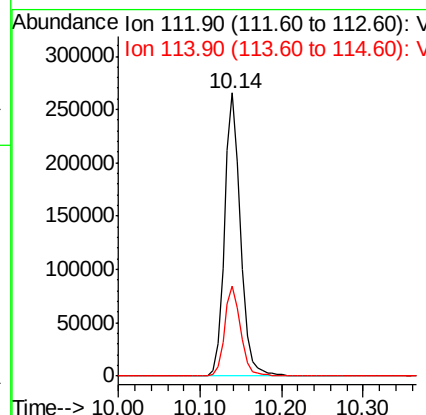
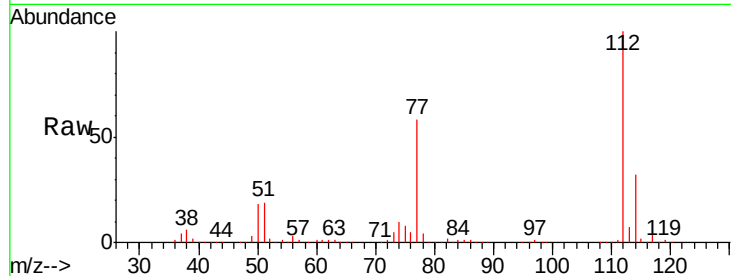
#65
Chlorobenzene
Concen: 48.61 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 364035
Ion Ratio Lower Upper
112 100
114 31.8 26.7 40.1

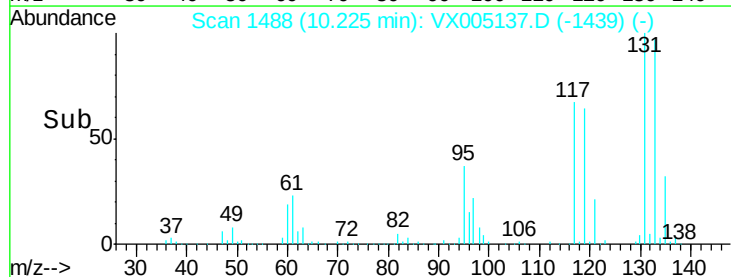
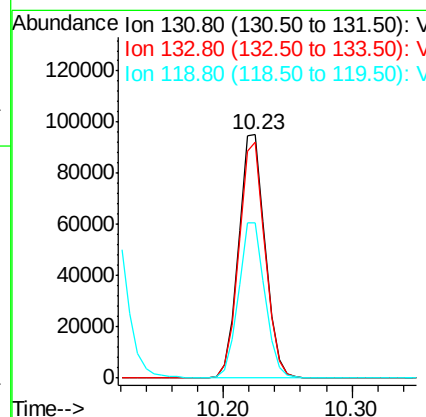
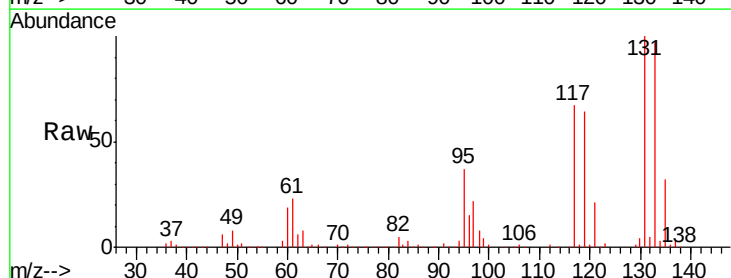
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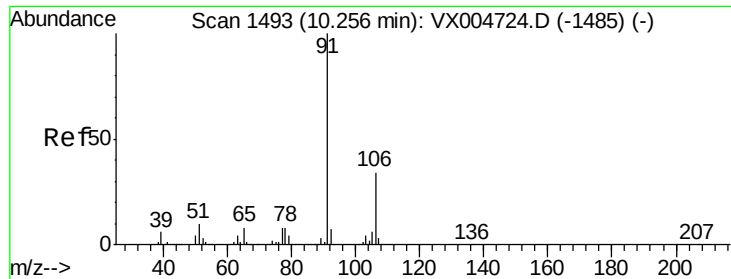
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.73 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion:131 Resp: 136188
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 63.7 32.3 96.8





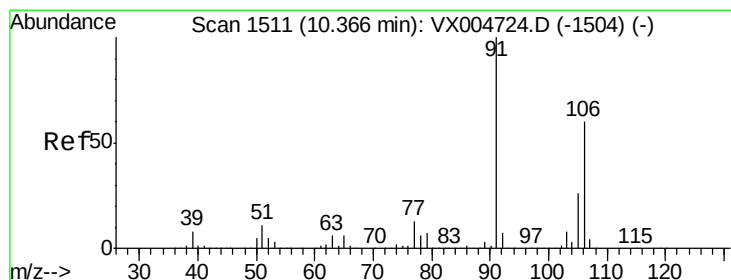
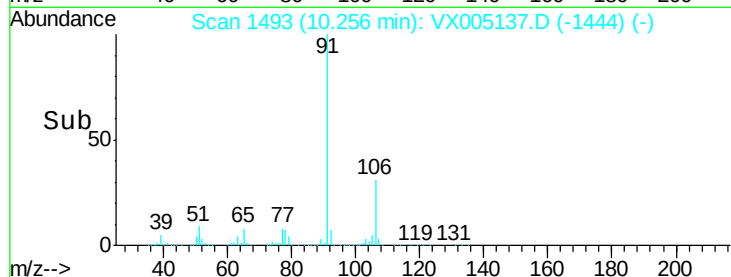
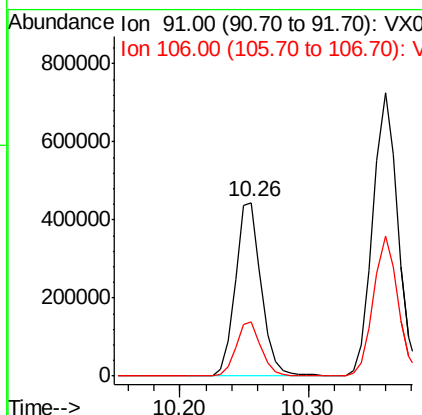
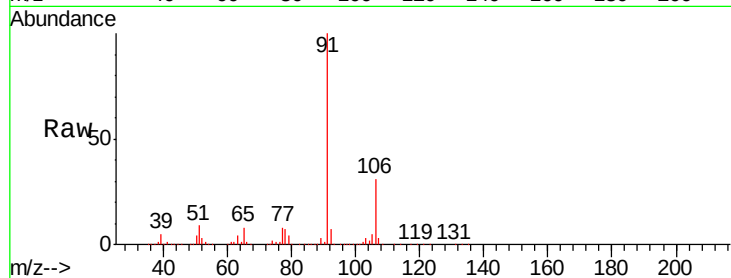
#67
Ethyl Benzene
Concen: 52.35 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 622390
Ion Ratio Lower Upper
91 100
106 31.2 26.9 40.3

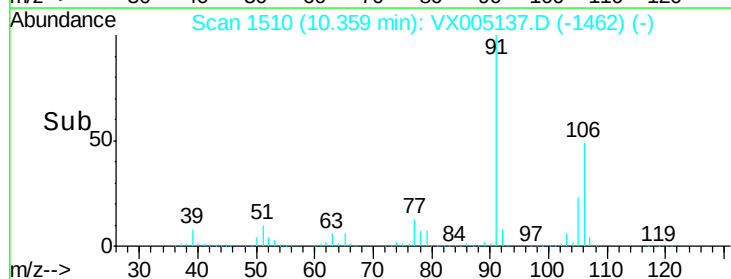
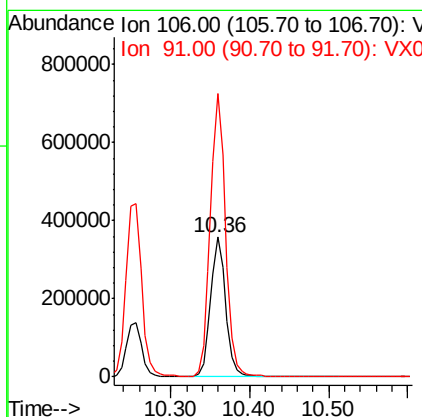
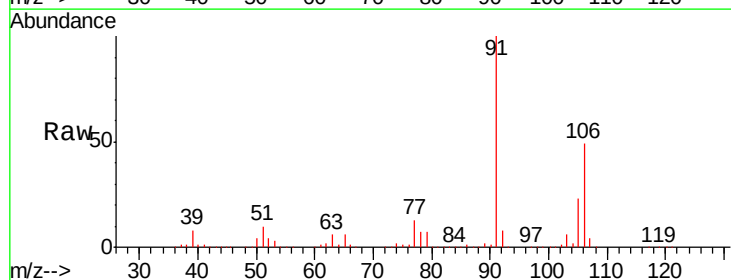
Manual Integrations
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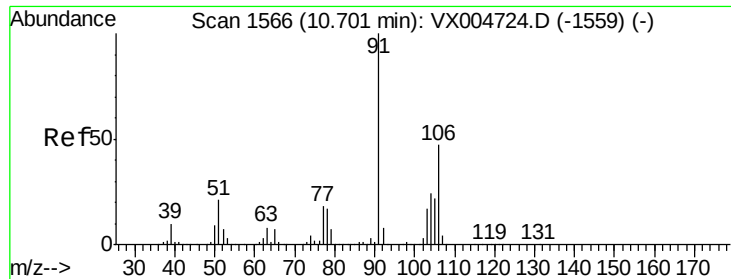
MMDadoda
10/9/2018 1:47:52 PM



#68
m/p-Xylenes
Concen: 102.60 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 106 Resp: 476655
Ion Ratio Lower Upper
106 100
91 204.9 157.5 236.3





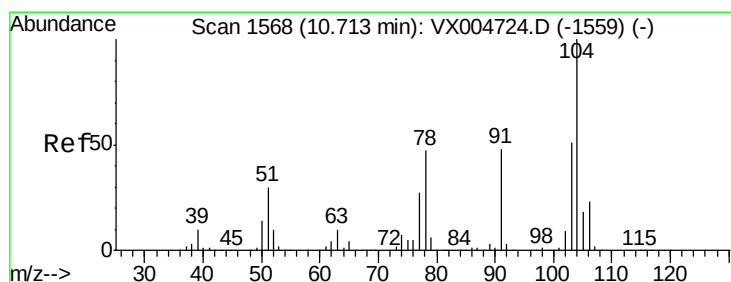
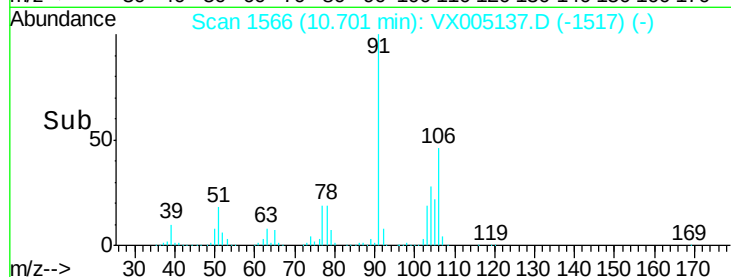
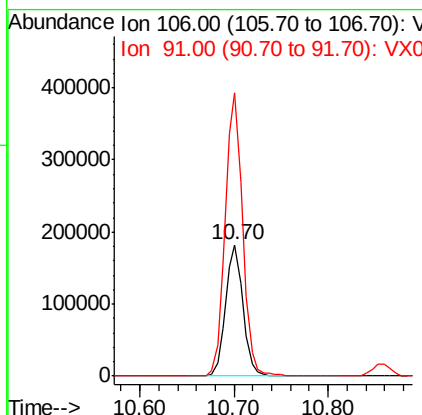
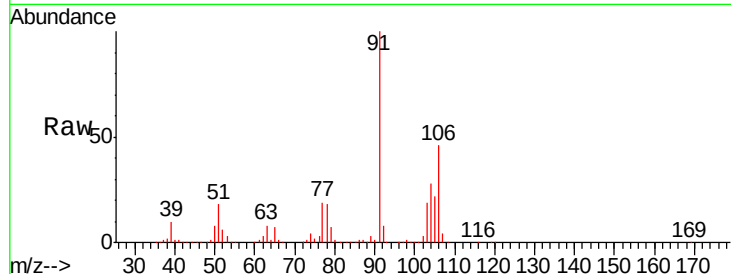
#69
o-Xylene
Concen: 54.72 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 233503
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.8

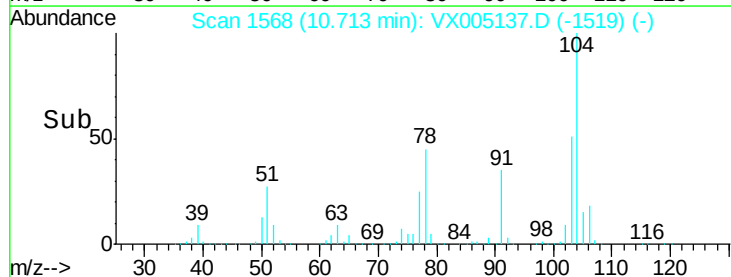
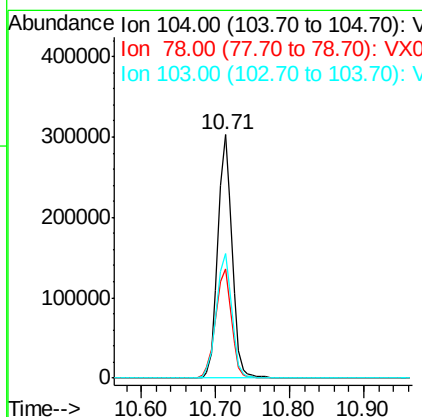
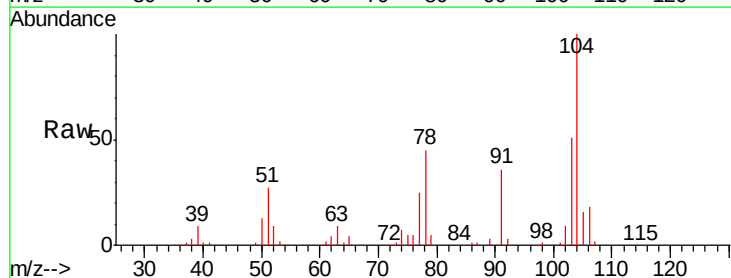
Manual Integrations
APPROVED

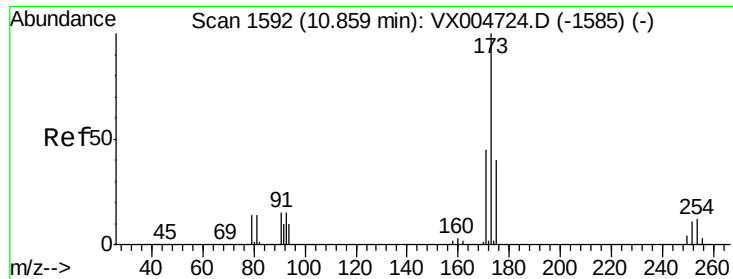
MMDadoda
10/9/2018 1:47:52 PM



#70
Styrene
Concen: 49.82 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion:104 Resp: 397525
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 53.25 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

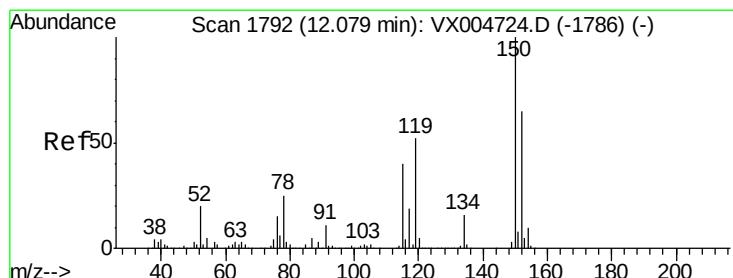
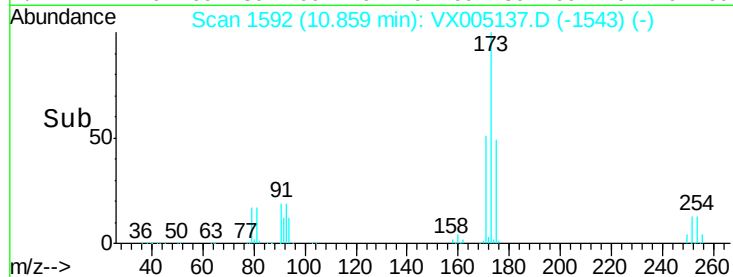
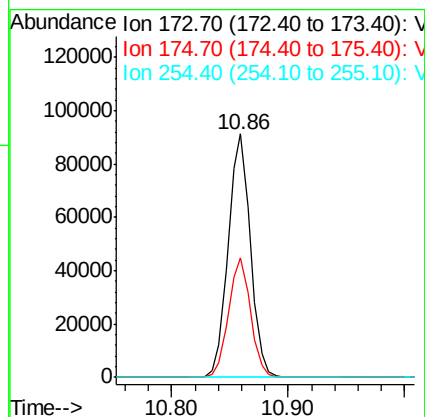
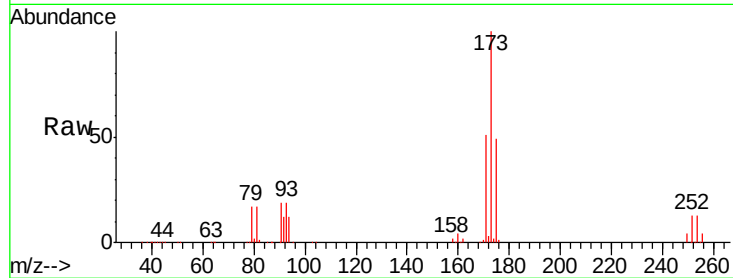
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	120017
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.3	69.8
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
10/9/2018 1:47:52 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

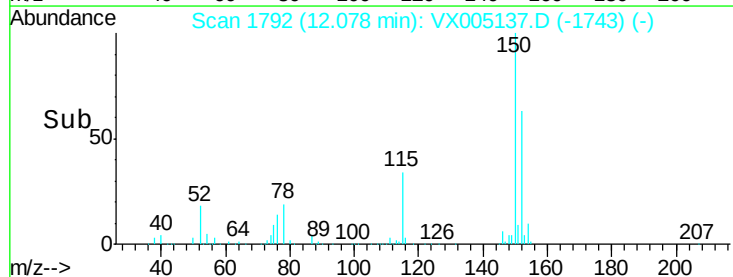
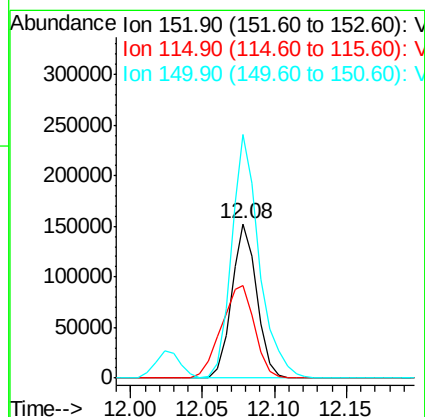
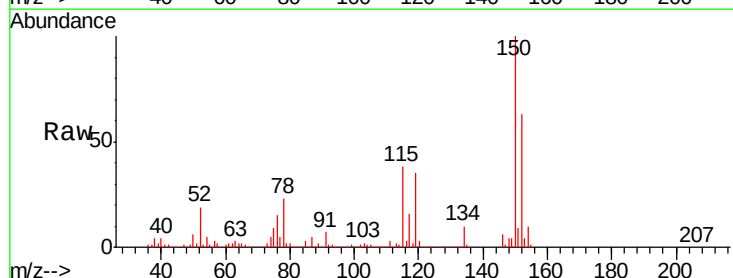
RT: 12.08 min Scan# 1792

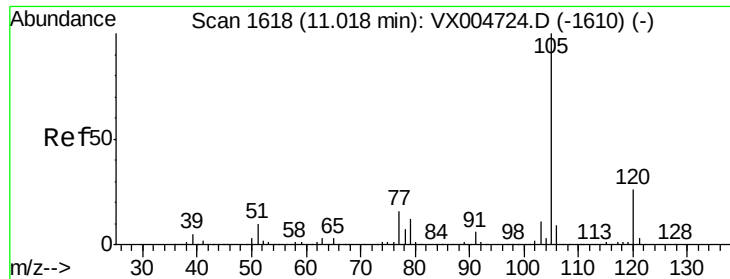
Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion:	152	Resp:	185975
Ion Ratio	Lower	Upper	
152	100		
115	79.6	40.2	120.6
150	173.5	0.0	351.0





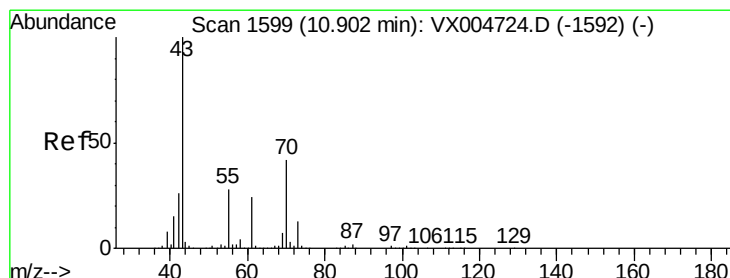
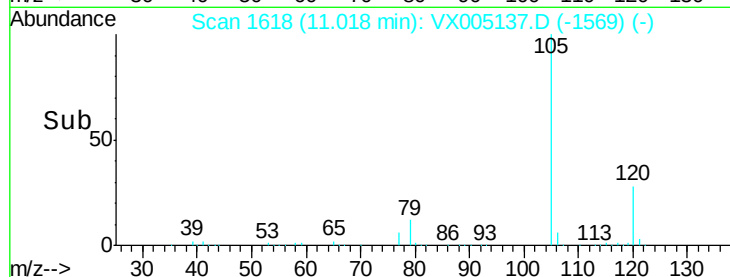
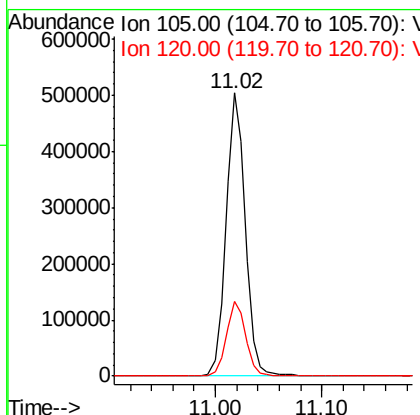
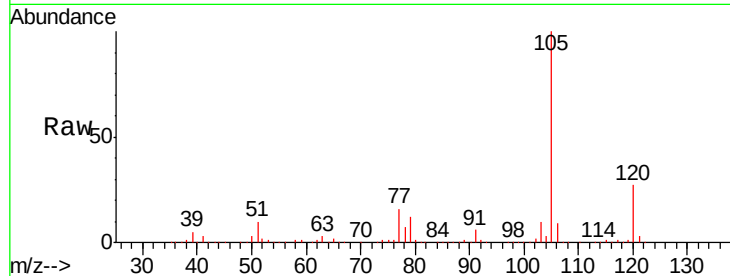
#73
Isopropylbenzene
Concen: 54.35 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 637048
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

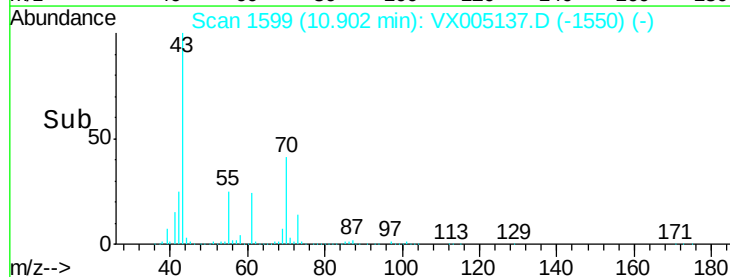
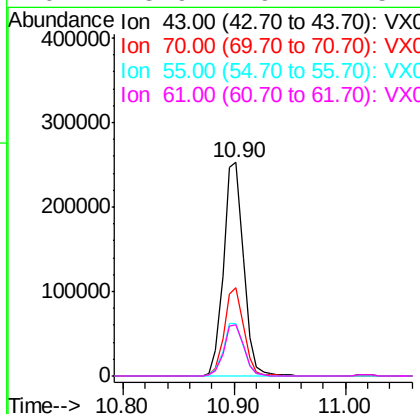
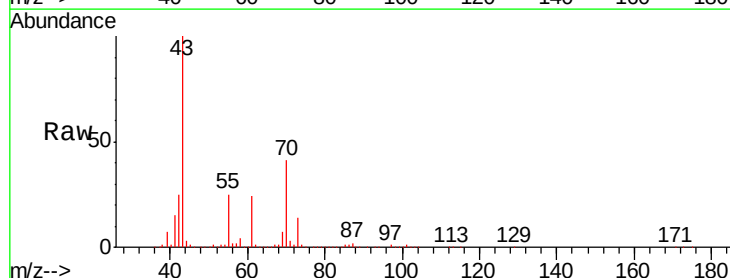
Manual Integrations
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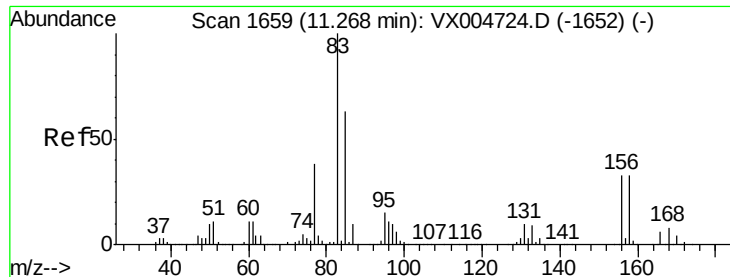
MMDadoda
10/9/2018 1:47:52 PM



#74
N-ethyl acetate
Concen: 48.87 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion: 43 Resp: 314635
Ion Ratio Lower Upper
43 100
70 40.5 32.6 48.8
55 25.1 21.6 32.4
61 23.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.71 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

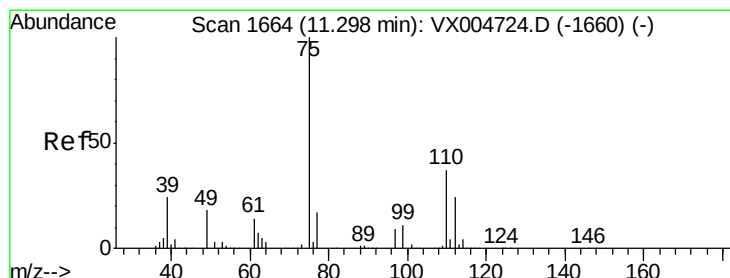
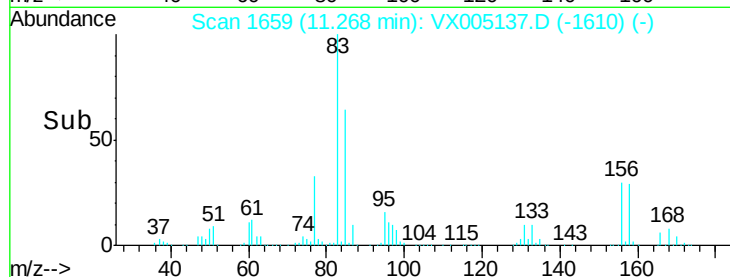
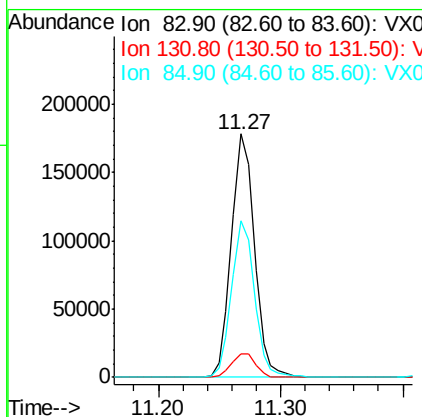
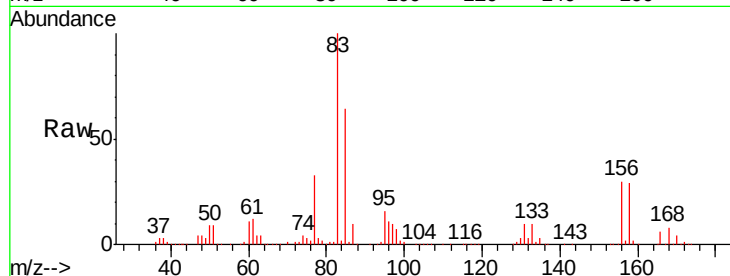
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	232409
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.2	31.9	95.9

Manual Integrations
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10/9/2018 1:47:52 PM



#76

1,2,3-Trichloropropane

Concen: 50.73 ug/l m

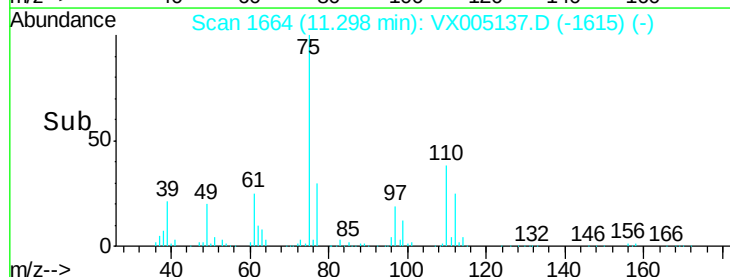
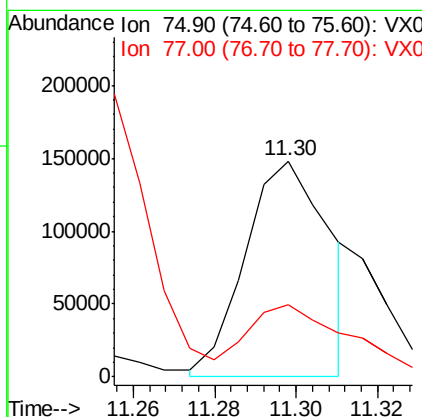
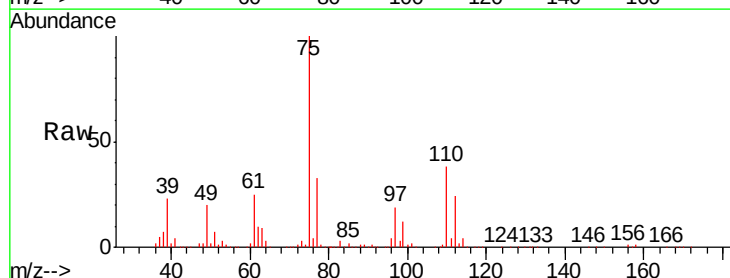
RT: 11.30 min Scan# 1664

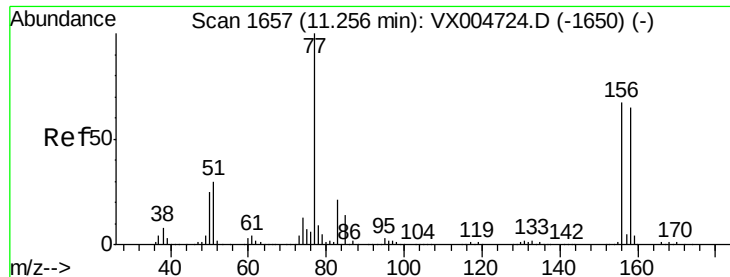
Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion:	75	Resp:	211466
Ion Ratio	Lower	Upper	
75	100		
77	41.1	21.4	64.3





#77

Bromobenzene

Concen: 50.54 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

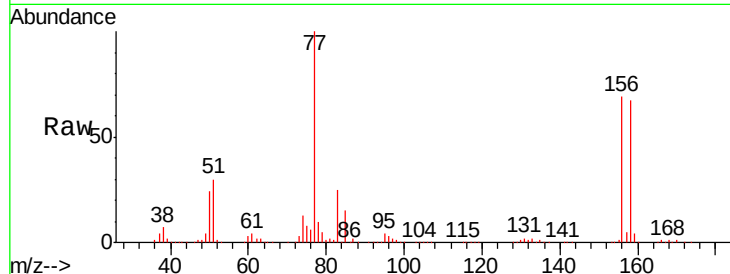
ClientSampleId :

VSTDCCC050EC

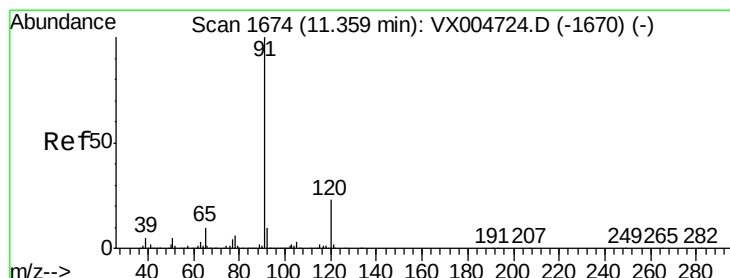
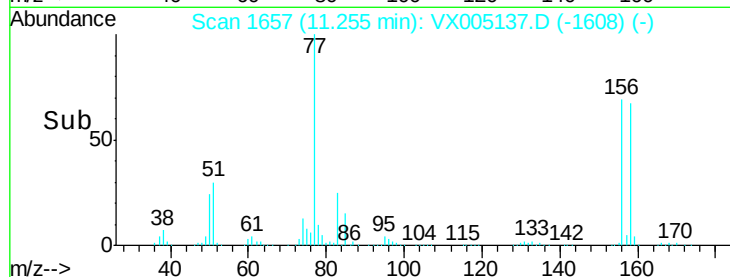
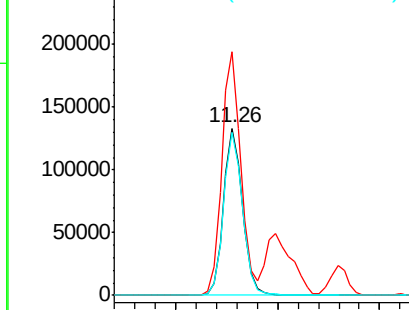
Tgt Ion:	156	Resp:	172086
Ion Ratio	Lower	Upper	
156	100		
77	147.0	73.4	220.2
158	97.5	49.1	147.4

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.72 ug/l

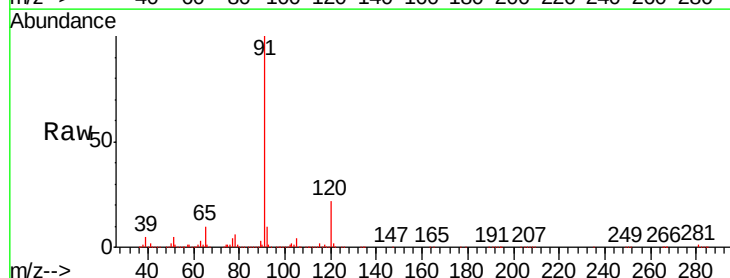
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

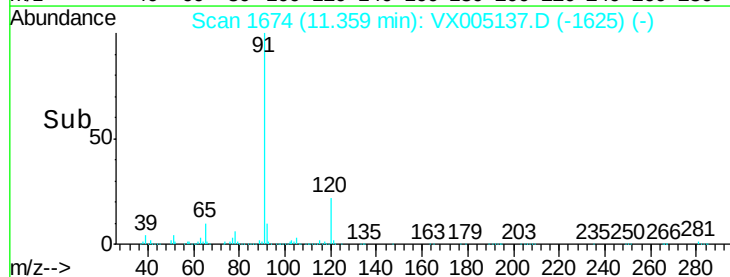
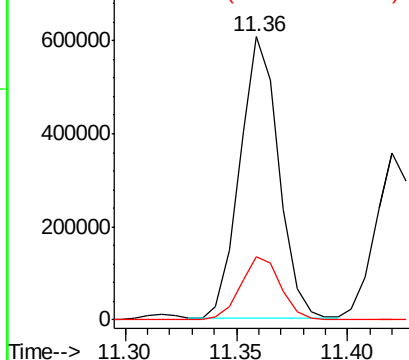
Lab File: VX005137.D

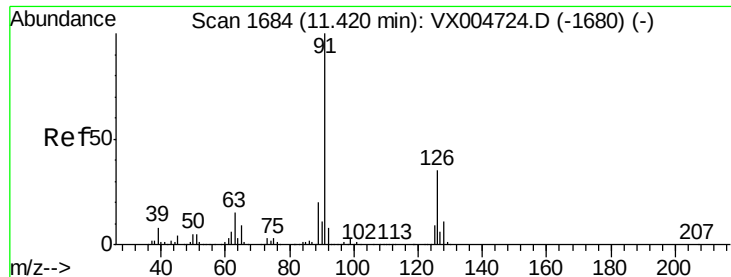
Acq: 08 Oct 2018 19:36

Tgt Ion:	91	Resp:	735995
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.36 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 438960

Ion Ratio Lower Upper

91 100

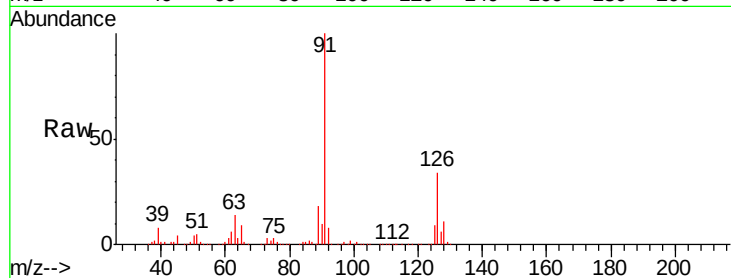
126 34.9 17.6 52.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)

600000

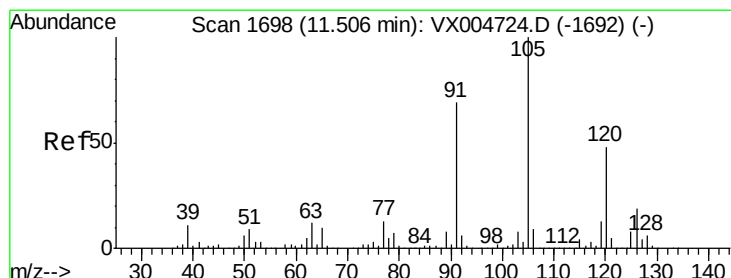
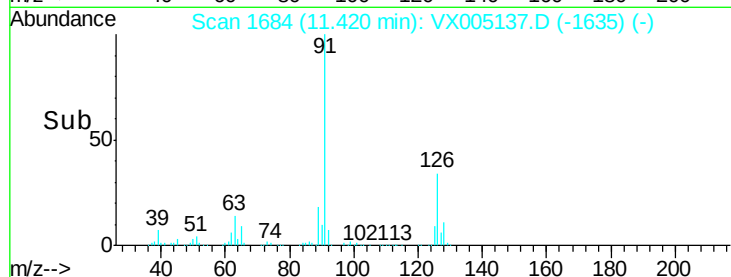
400000

200000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.57 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005137.D

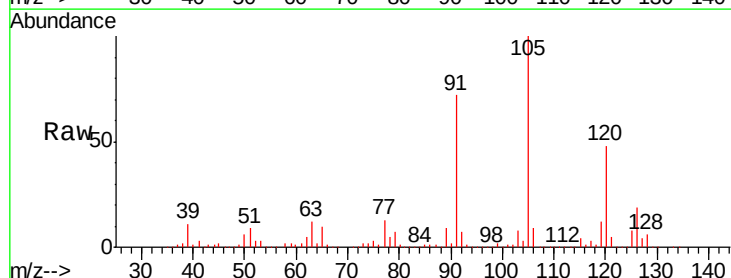
Acq: 08 Oct 2018 19:36

Tgt Ion: 105 Resp: 543254

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

500000

400000

300000

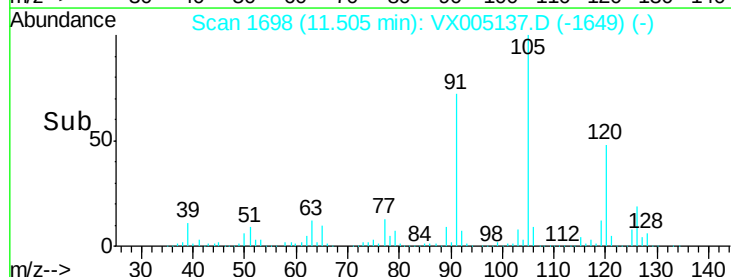
200000

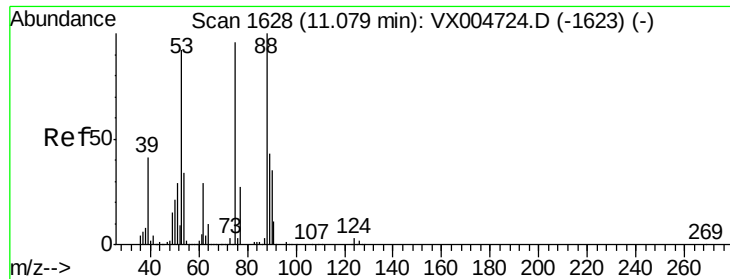
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 42.44 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

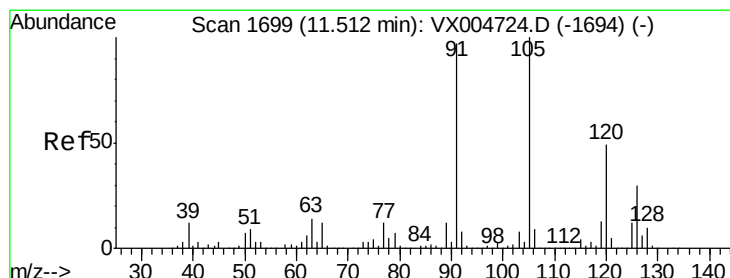
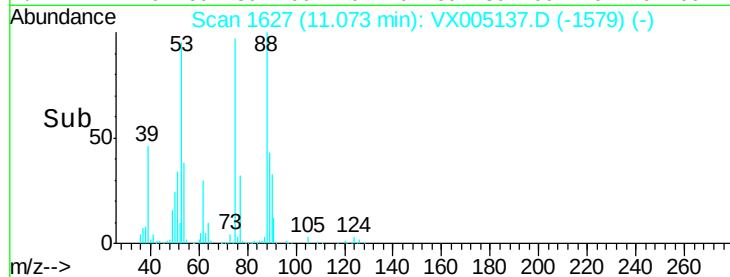
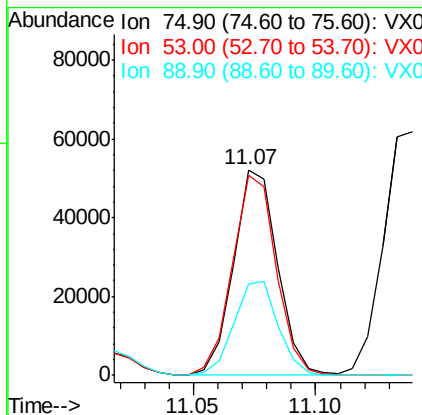
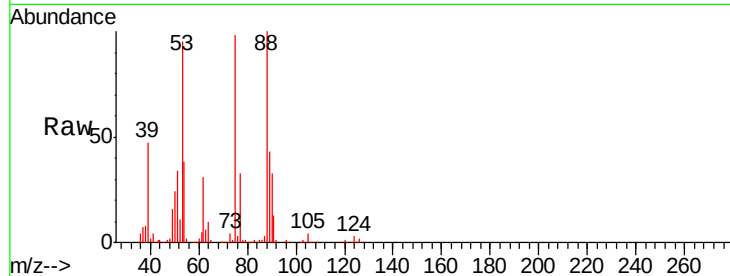
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	64385
Ion	Ratio	Lower	Upper
75	100		
53	97.6	80.2	120.4
89	46.5	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.37 ug/l

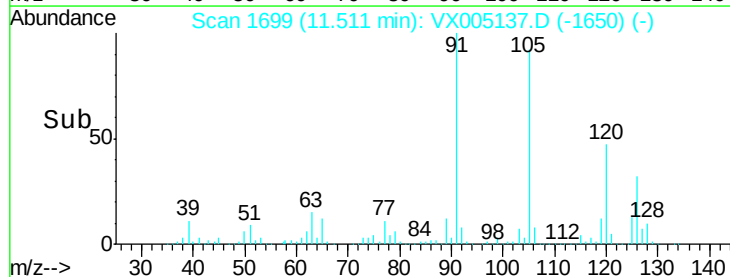
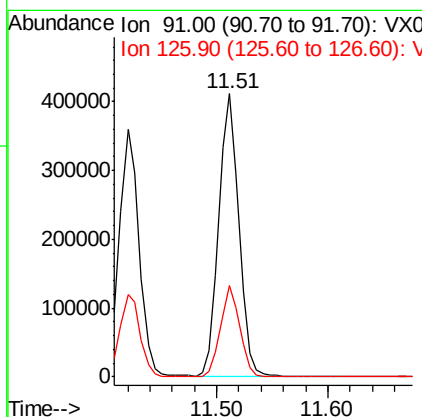
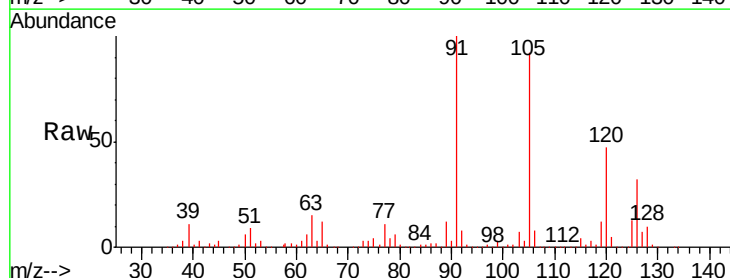
RT: 11.51 min Scan# 1699

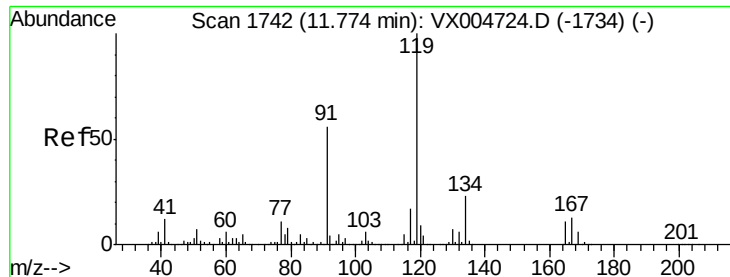
Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion:	91	Resp:	516742
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





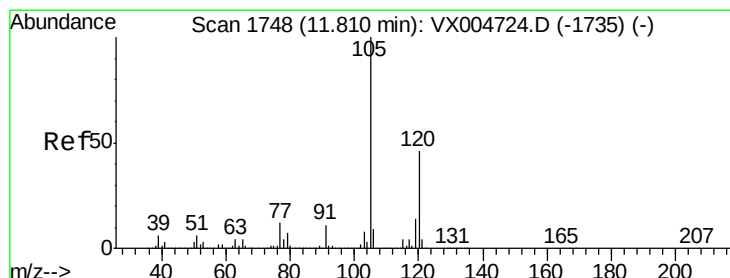
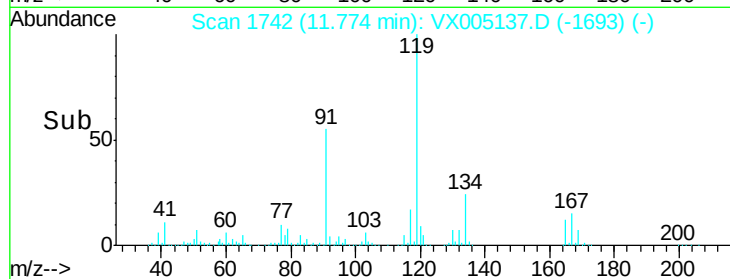
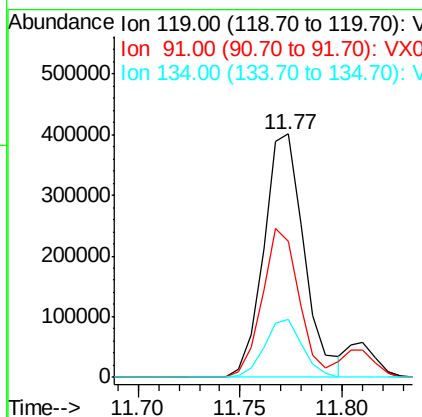
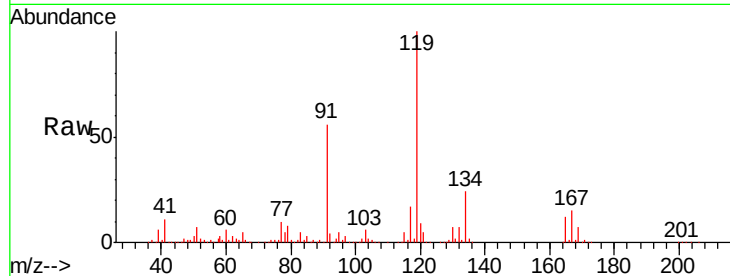
#83
 tert-Butylbenzene
 Concen: 57.24 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.5	82.5
134	22.4	11.5	34.4

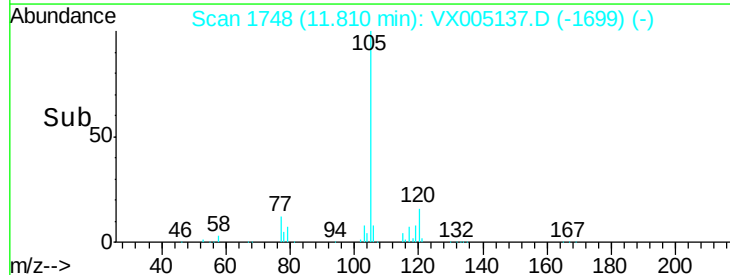
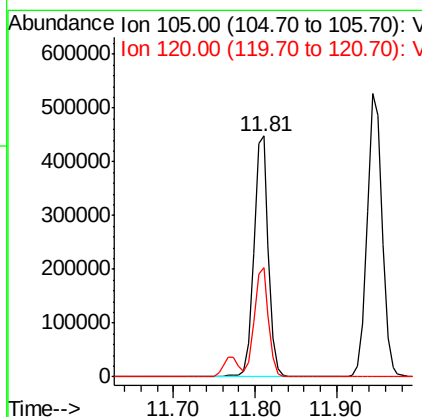
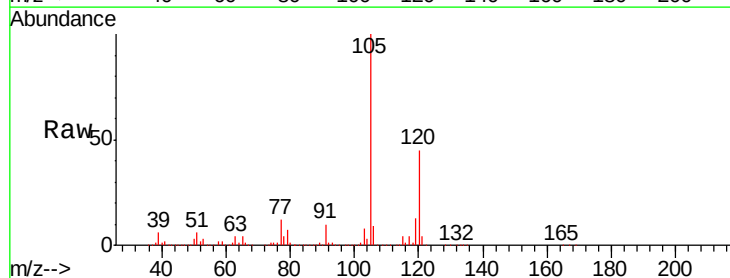
Manual Integrations
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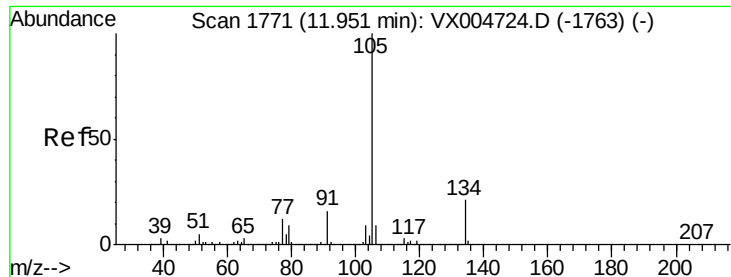
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.85 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.8	68.3





#85

sec-Butylbenzene

Concen: 55.66 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 654269

Ion Ratio Lower Upper

105 100

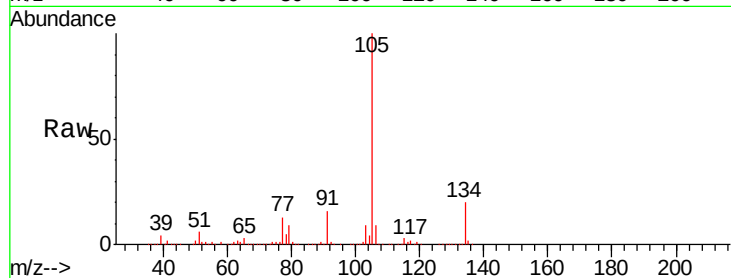
134 20.6 10.2 30.4

Manual Integrations

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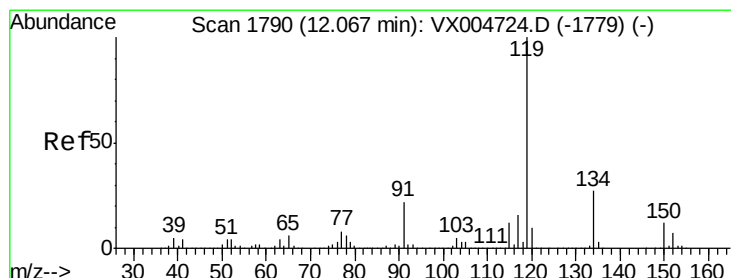
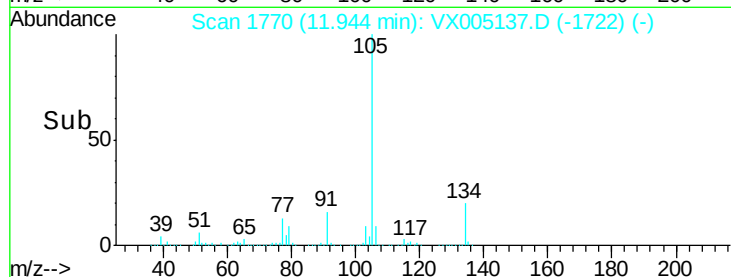
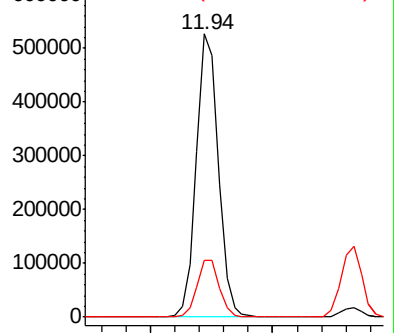
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.30 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

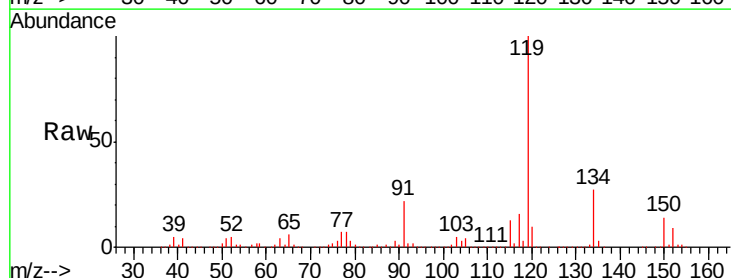
Tgt Ion:119 Resp: 588982

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

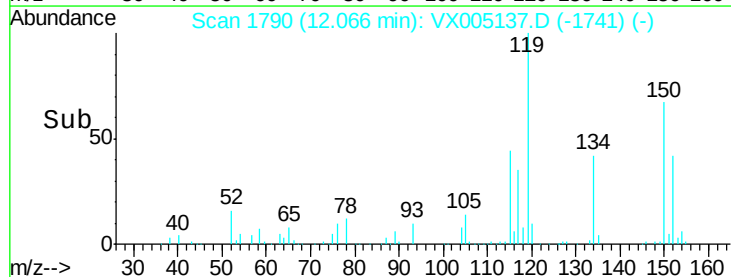
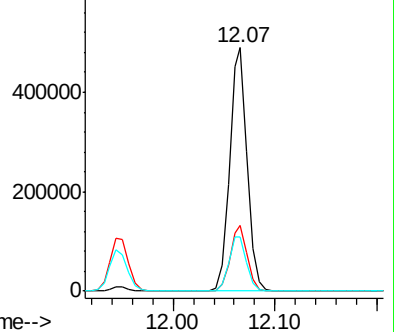
91 23.0 11.5 34.4

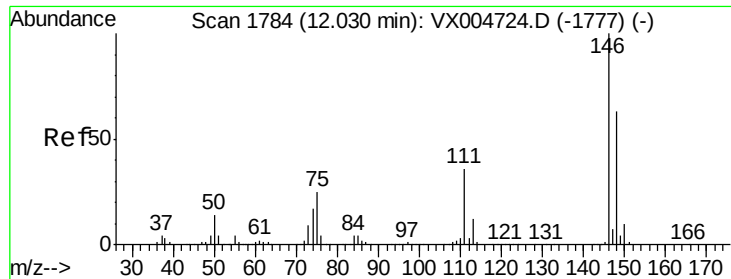


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





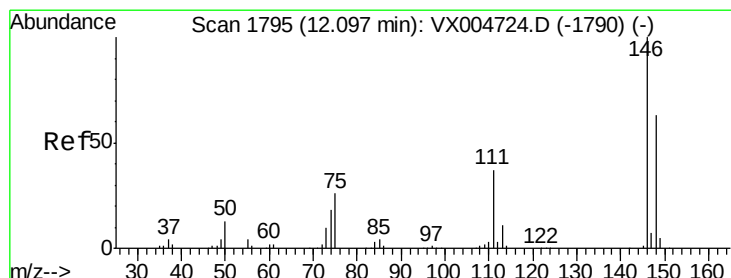
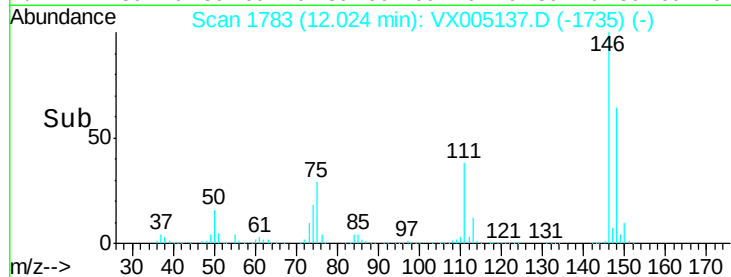
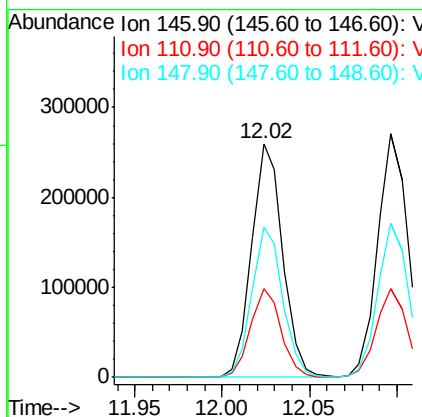
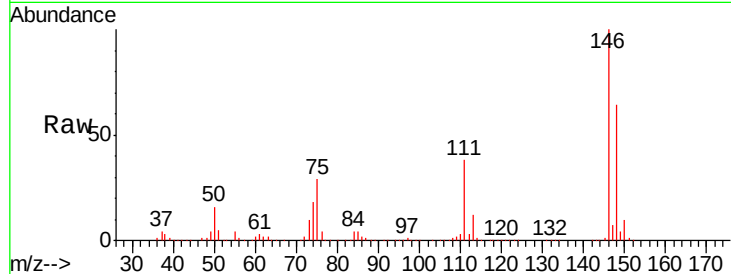
#87
 1,3-Dichlorobenzene
 Concen: 50.38 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	64.4	31.8	95.3

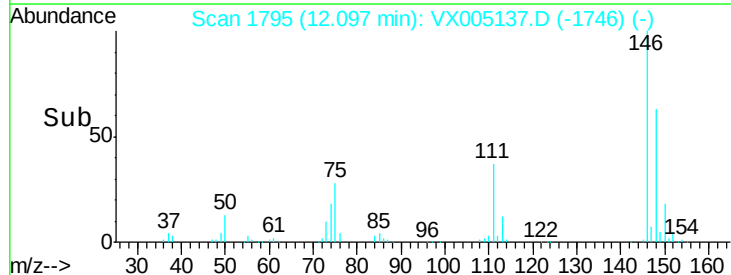
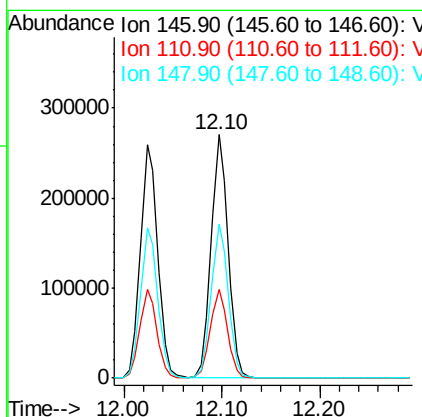
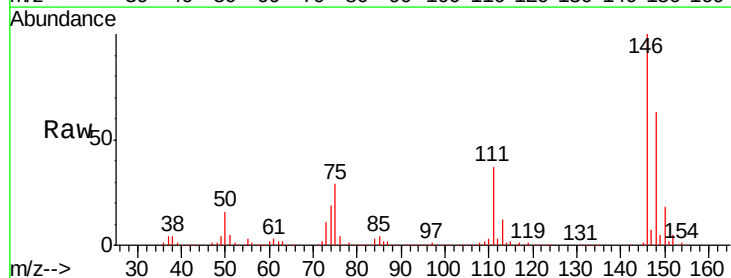
Manual Integrations
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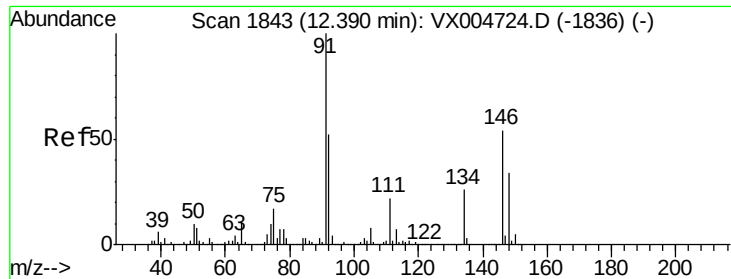
MMDadoda
 10/9/2018 1:47:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.93 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.2
148	64.0	32.0	96.0





#89

n-Butylbenzene

Concen: 54.03 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Instrument :

MSVOA_X

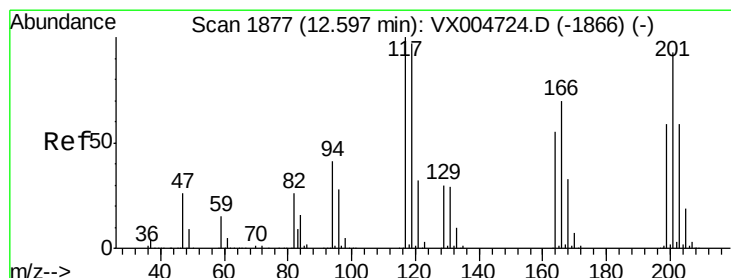
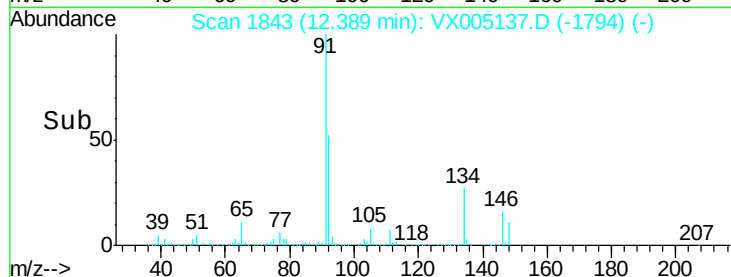
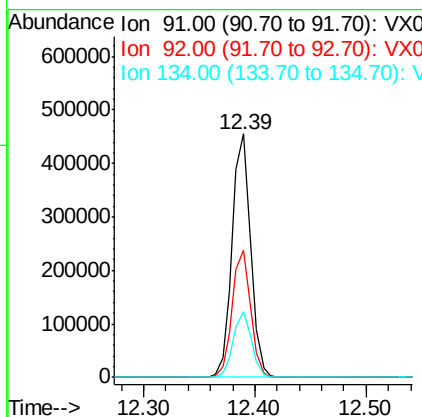
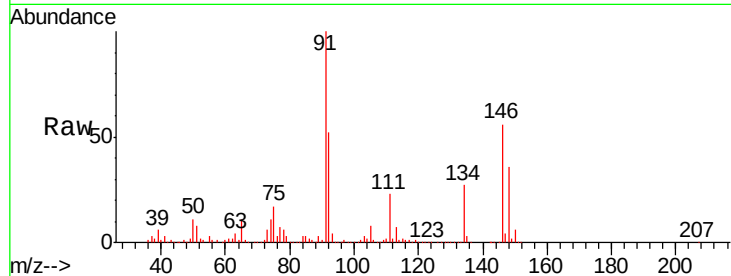
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	522658
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	26.6	13.2	39.6

Manual Integrations
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#90

Hexachloroethane

Concen: 54.01 ug/l

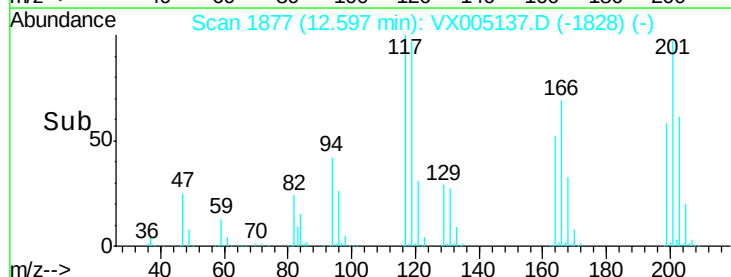
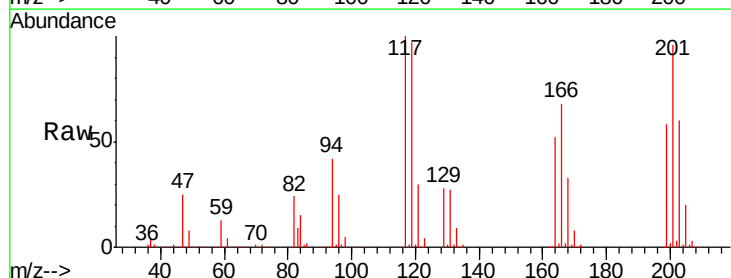
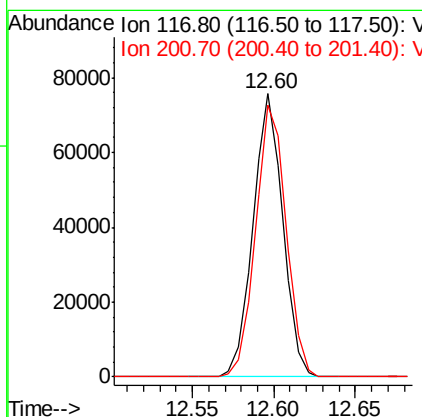
RT: 12.60 min Scan# 1877

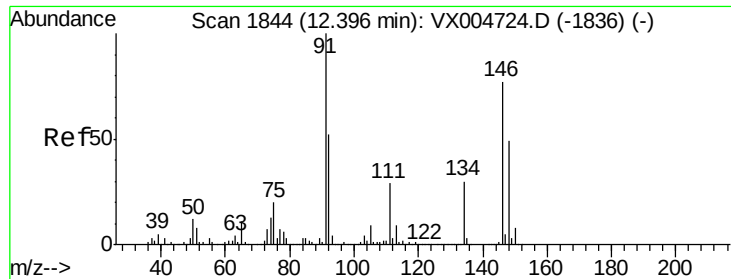
Delta R.T. -0.00 min

Lab File: VX005137.D

Acq: 08 Oct 2018 19:36

Tgt Ion:	117	Resp:	95783
Ion	Ratio	Lower	Upper
117	100		
201	98.9	48.4	145.0





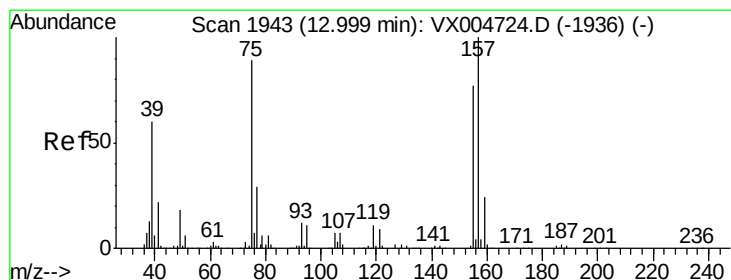
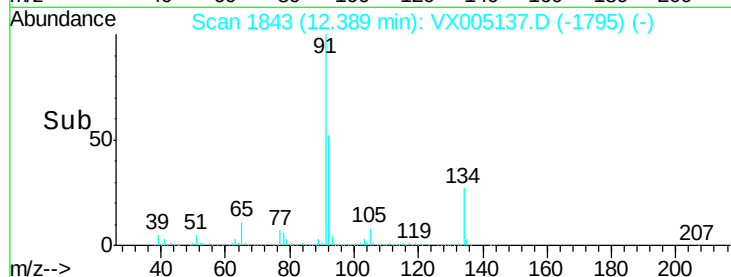
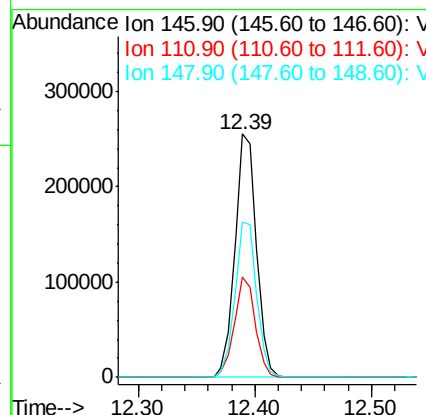
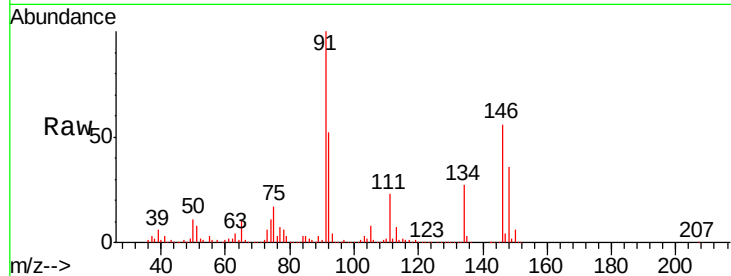
#91
 1,2-Dichlorobenzene
 Concen: 49.48 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.4	31.8	95.4

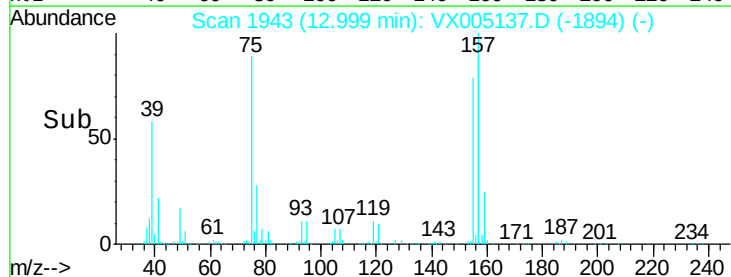
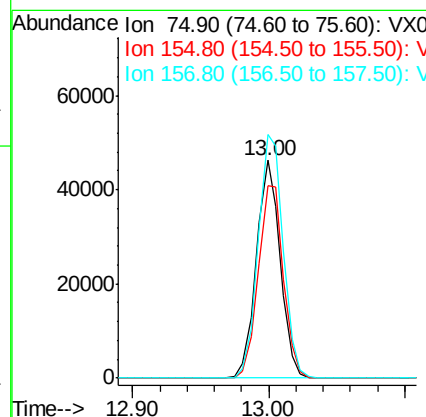
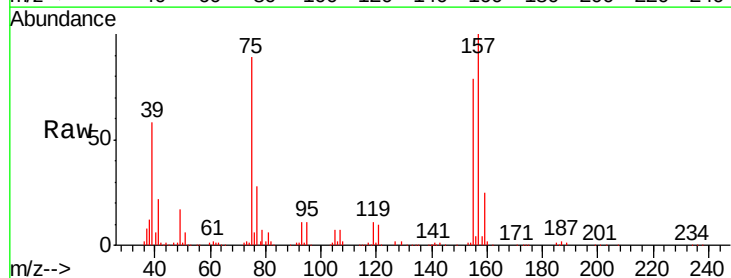
Manual Integrations
 APPROVED

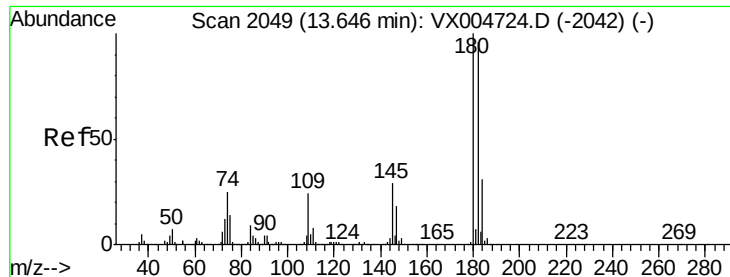
MMDadoda
 10/9/2018 1:47:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.38 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	46.1	138.3
157	117.2	60.2	180.6





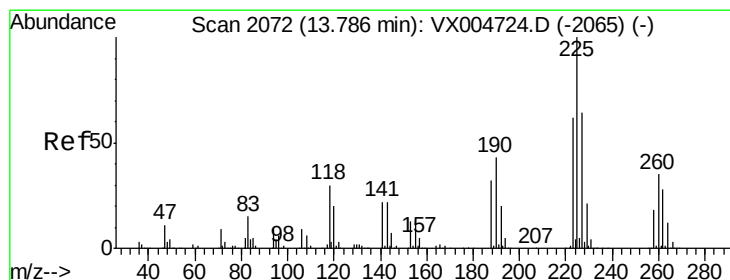
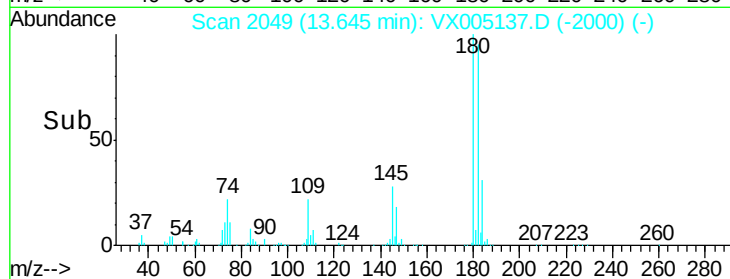
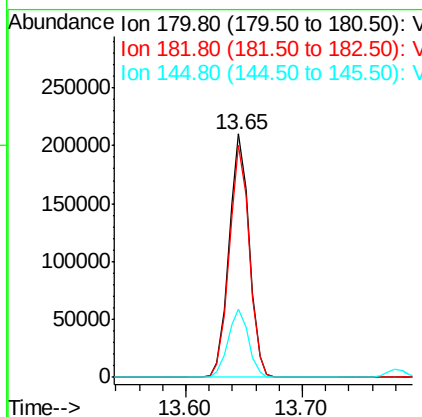
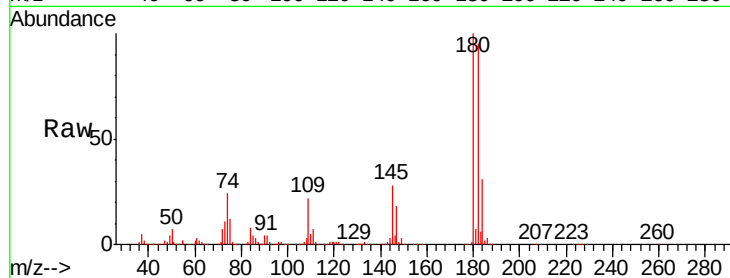
#93
 1,2,4-Trichlorobenzene
 Concen: 54.03 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	251819		
182	95.1	47.8	143.4	
145	28.3	14.1	42.4	

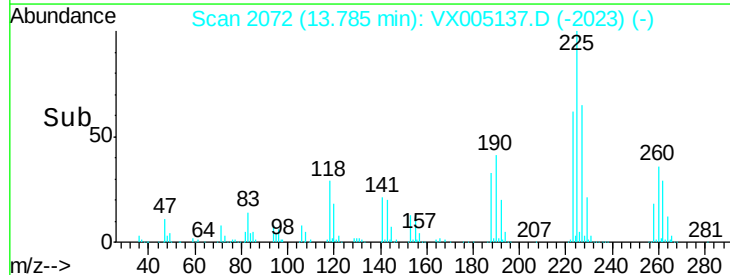
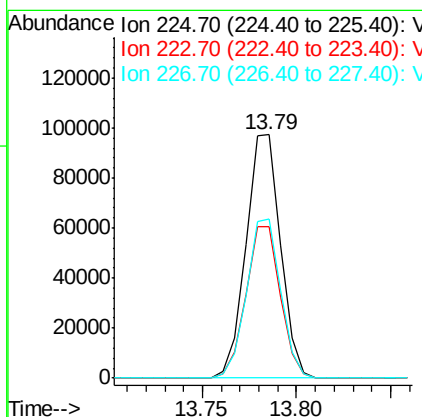
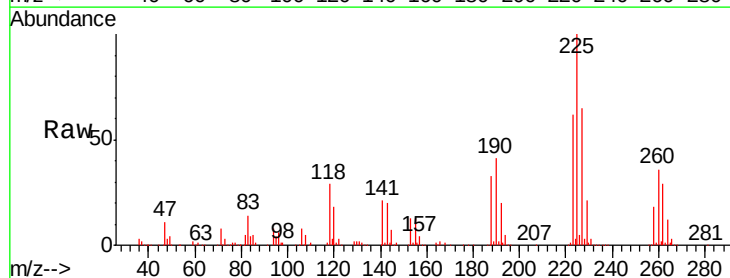
Manual Integrations
 APPROVED

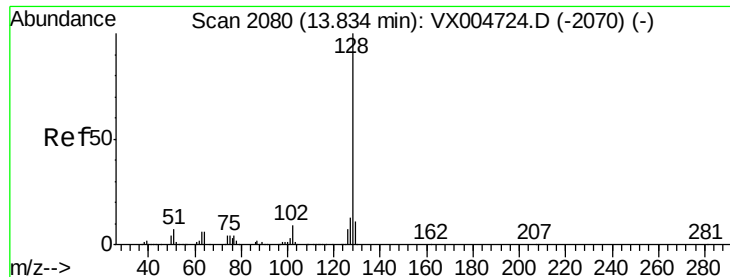
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 51.12 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005137.D
 Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123556		
223	62.6	31.3	93.8	
227	64.6	31.9	95.5	





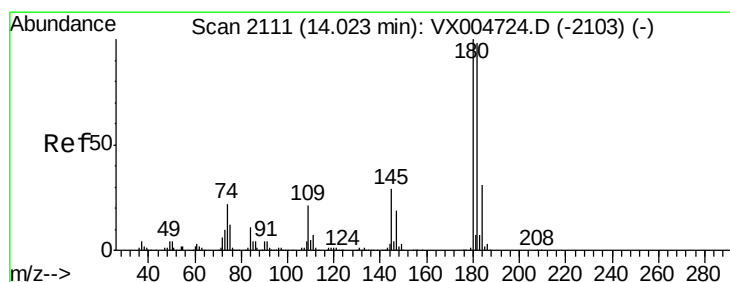
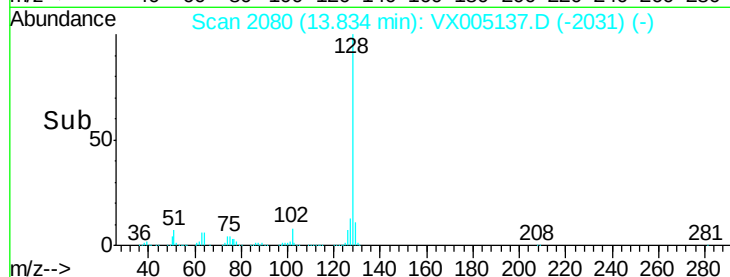
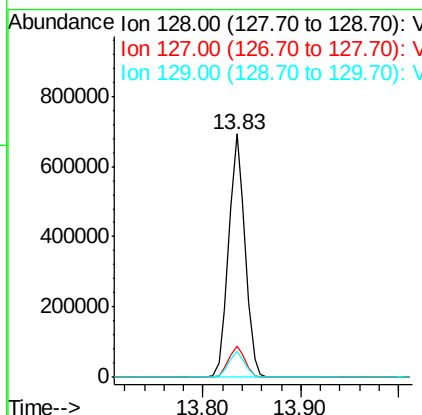
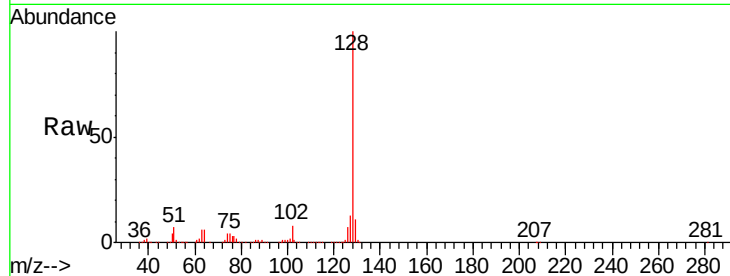
#95
Naphthalene
Concen: 52.01 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	805087		
127	12.9	10.4	15.6	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

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10/9/2018 1:47:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.84 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005137.D
Acq: 08 Oct 2018 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	259225		
182	96.1	47.9	143.8	
145	29.5	15.0	45.0	

