

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001967.D
 Acq On : 25 May 2018 10:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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MMDadoda
 5/29/2018 4:39:19 PM

Quant Time: May 26 00:59:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	262226	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
35) Dibromofluoromethane	5.51	113	208103	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	8.72	98	770207	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	310416	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	193226	47.499	ug/l	99
3) Chloromethane	1.32	50	227621	45.610	ug/l	100
4) Vinyl Chloride	1.41	62	221549	45.977	ug/l	99
5) Bromomethane	1.64	94	129772	58.674	ug/l	99
6) Chloroethane	1.72	64	134423	47.321	ug/l	100
7) Trichlorofluoromethane	1.93	101	354847	49.035	ug/l	99
8) Diethyl Ether	2.19	74	127774	48.664	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	205277	50.835	ug/l	99
10) Methyl Iodide	2.51	142	286036	52.351	ug/l	100
11) Tert butyl alcohol	3.08	59	261754	229.993	ug/l	98
12) 1,1-Dichloroethene	2.37	96	181448	47.993	ug/l	99
13) Acrolein	2.30	56	102885	209.085	ug/l	100
14) Allyl chloride	2.73	41	383258	48.294	ug/l	98
15) Acrylonitrile	3.15	53	535681	228.889	ug/l	99
16) Acetone	2.45	43	560716	250.587	ug/l	99
17) Carbon Disulfide	2.57	76	516602	47.478	ug/l	99
18) Methyl Acetate	2.78	43	265464	49.230	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	681039	47.894	ug/l	100
20) Methylene Chloride	2.86	84	200374	51.778	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	192954	52.502	ug/l	99
22) Diisopropyl ether	3.88	45	702070	43.492	ug/l	98
23) Vinyl Acetate	3.83	43	3111900	232.512	ug/l	100
24) 1,1-Dichloroethane	3.70	63	371546	48.454	ug/l	100
25) 2-Butanone	4.71	43	873415	212.970	ug/l	99
26) 2,2-Dichloropropane	4.59	77	354331	45.653	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	221925	45.015	ug/l	95
28) Bromochloromethane	5.03	49	164581	51.125	ug/l	98
29) Tetrahydrofuran	5.17	42	557847	209.068	ug/l	100
30) Chloroform	5.22	83	384838	44.547	ug/l	99
31) Cyclohexane	5.57	56	360652	45.143	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	358691	44.536	ug/l	100
36) 1,1-Dichloropropene	5.80	75	286539	46.844	ug/l	99
37) Ethyl Acetate	4.87	43	342872	42.995	ug/l	100
38) Carbon Tetrachloride	5.79	117	331653	46.496	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	369803	49.210	ug/l	98
40) Benzene	6.15	78	844318	47.115	ug/l	99
41) Methacrylonitrile	5.07	41	195159	46.274	ug/l	99
42) 1,2-Dichloroethane	6.20	62	323897	45.248	ug/l	100
43) Isopropyl Acetate	6.47	43	598864	45.070	ug/l	99
44) Trichloroethene	7.21	130	246346	47.173	ug/l	99
45) 1,2-Dichloropropane	7.52	63	230638	47.391	ug/l	99
46) Dibromomethane	7.67	93	150280	46.640	ug/l	99
47) Bromodichloromethane	7.90	83	316411	46.055	ug/l	99
48) Methyl methacrylate	7.78	41	301504	44.583	ug/l	99
49) 1,4-Dioxane	7.76	88	106025	889.680	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1789918	223.464	ug/l	100
52) Toluene	8.79	92	538041	47.177	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	377218	47.671	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	365526	47.406	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	219099	45.988	ug/l	99
56) Ethyl methacrylate	9.18	69	369801	45.126	ug/l	100
57) 1,3-Dichloropropane	9.38	76	367004	46.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	875191	240.957	ug/l	100
59) 2-Hexanone	9.50	43	1394777	225.833	ug/l	100
60) Dibromochloromethane	9.59	129	268927	47.656	ug/l	100
61) 1,2-Dibromoethane	9.68	107	235606	47.129	ug/l	99
64) Tetrachloroethene	9.34	164	282819	48.466	ug/l	98
65) Chlorobenzene	10.14	112	617799	47.911	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	243327	46.732	ug/l	100
67) Ethyl Benzene	10.26	91	1081896	48.291	ug/l	100
68) m/p-Xylenes	10.37	106	837416	97.782	ug/l	99
69) o-Xylene	10.70	106	410738	48.033	ug/l	99
70) Styrene	10.72	104	685830	48.362	ug/l	100
71) Bromoform	10.86	173	234687	47.534	ug/l #	100
73) Isopropylbenzene	11.02	105	1119331	45.725	ug/l	99
74) N-amyl acetate	6.47	43	598864	46.967	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	314090	46.833	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	347727m	50.079	ug/l	
77) Bromobenzene	11.26	156	296471	45.647	ug/l	97
78) n-propylbenzene	11.37	91	1280479	46.704	ug/l	100
79) 2-Chlorotoluene	11.43	91	756780	50.332	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	965195	46.137	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	122311	42.336	ug/l	97
82) 4-Chlorotoluene	11.52	91	898800	46.480	ug/l	100
83) tert-Butylbenzene	11.77	119	933479	45.471	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	988393	45.719	ug/l	99
85) sec-Butylbenzene	11.95	105	1155588	46.827	ug/l	100
86) p-Isopropyltoluene	12.07	119	1058153	47.918	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	548104	47.123	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	550436	47.334	ug/l	99
89) n-Butylbenzene	12.39	91	926987	49.541	ug/l	99
90) Hexachloroethane	12.60	117	199292	45.753	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	548368	46.272	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	89214	40.991	ug/l	98

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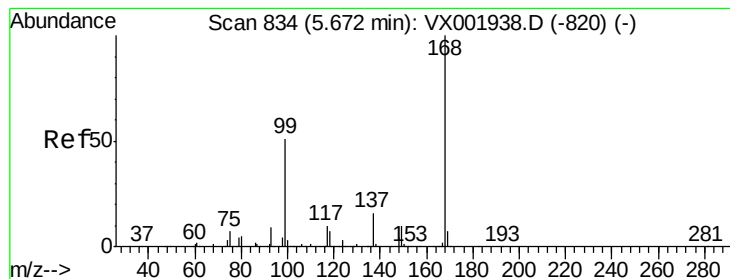
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	417621	49.281	ug/l	100
94) Hexachlorobutadiene	13.79	225	224727	49.298	ug/l	100
95) Naphthalene	13.84	128	1181518	45.254	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	418915	47.774	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 324360

Ion Ratio Lower Upper

168 100

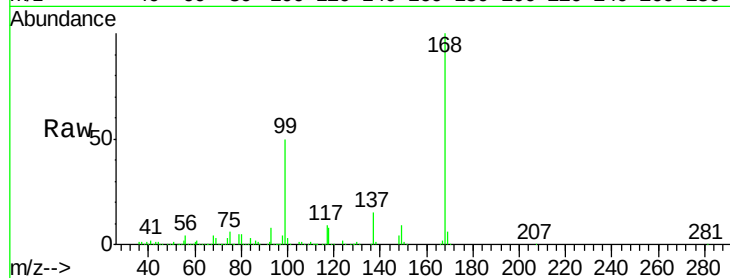
99 49.6 41.0 61.4

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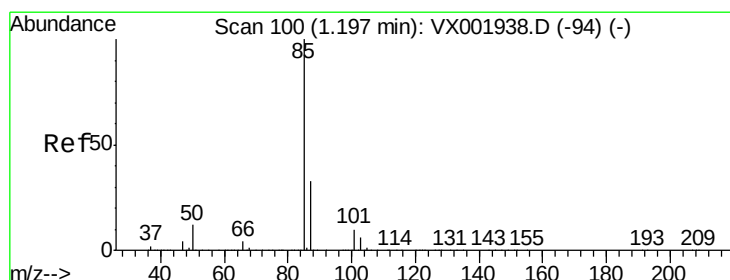
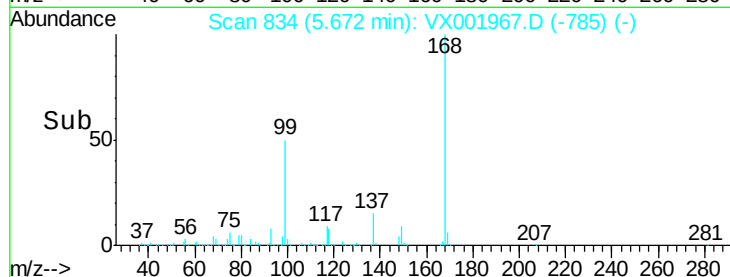
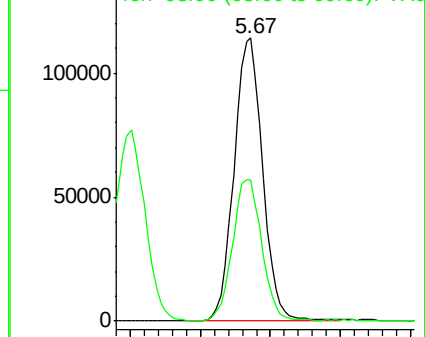
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.499 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001967.D

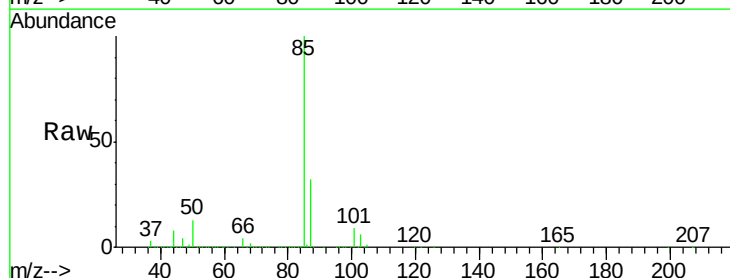
Acq: 25 May 2018 10:07

Tgt Ion: 85 Resp: 193226

Ion Ratio Lower Upper

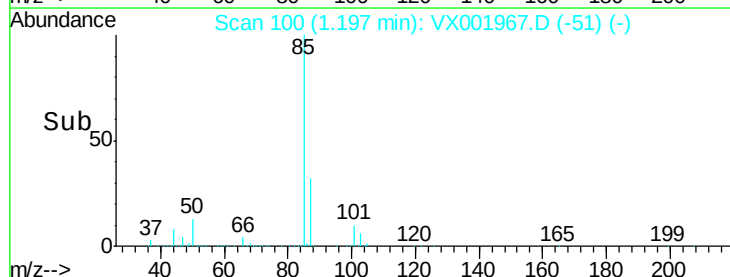
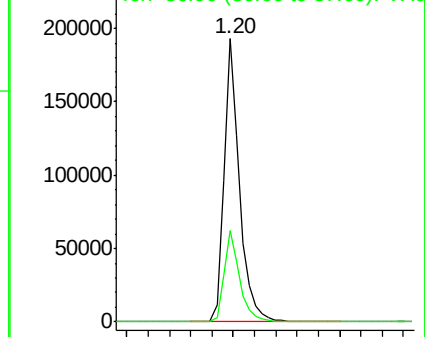
85 100

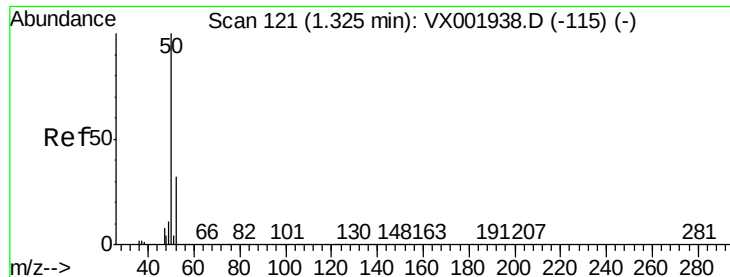
87 32.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.610 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 227621

Ion Ratio Lower Upper

50 100

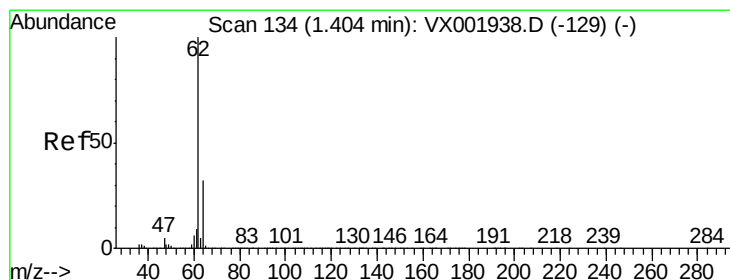
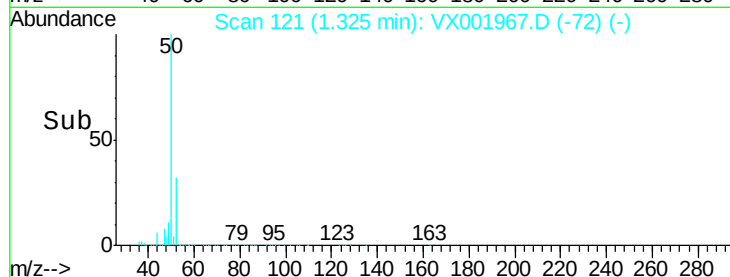
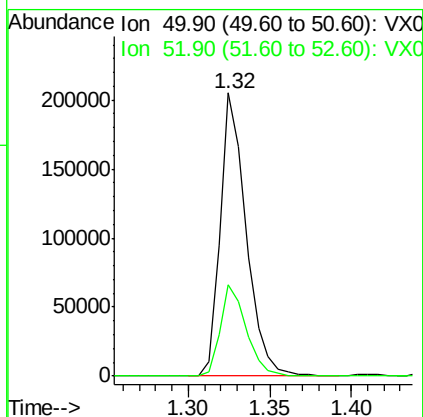
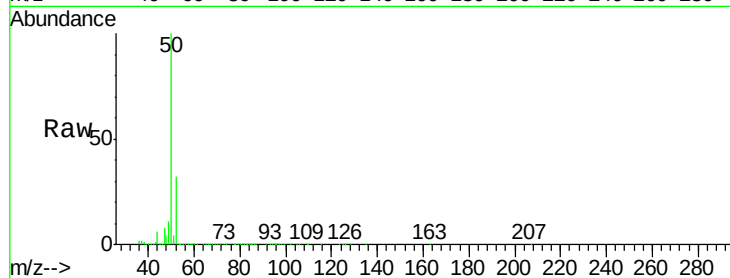
52 32.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 45.977 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001967.D

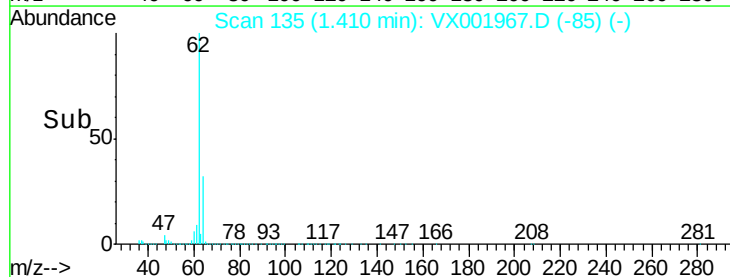
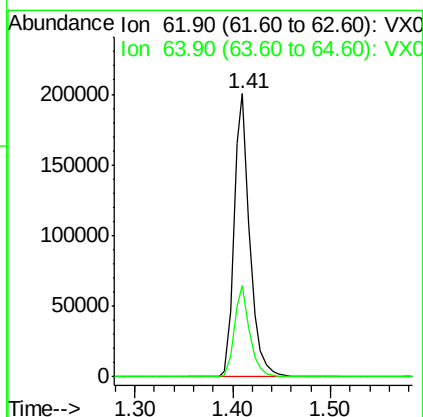
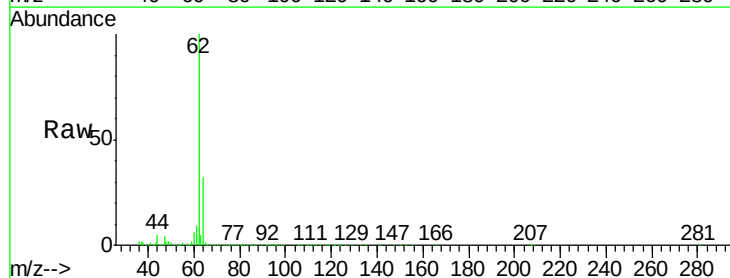
Acq: 25 May 2018 10:07

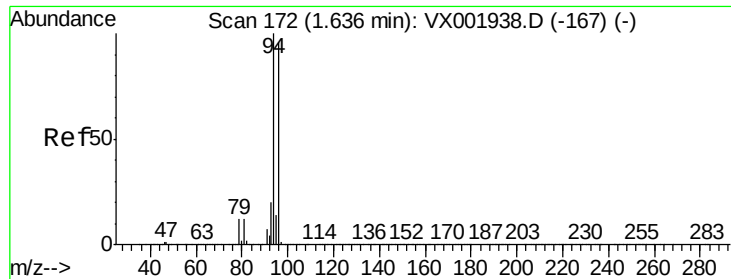
Tgt Ion: 62 Resp: 221549

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 58.674 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 129772

Ion Ratio Lower Upper

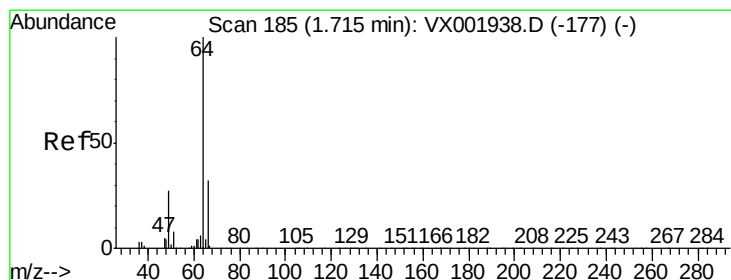
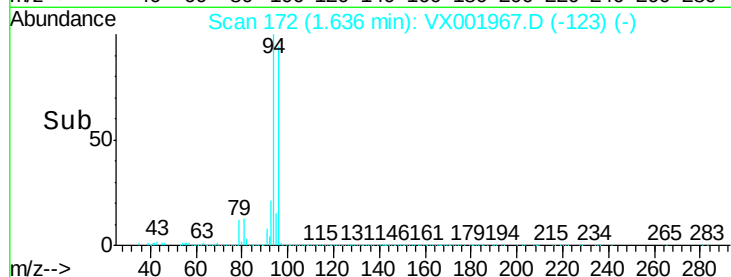
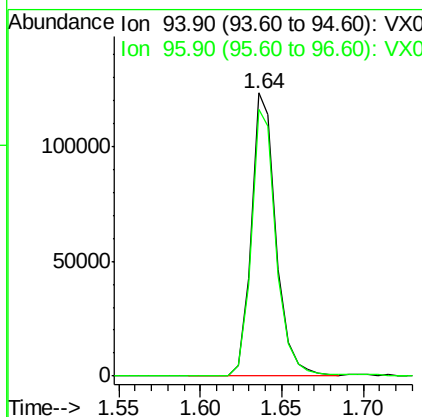
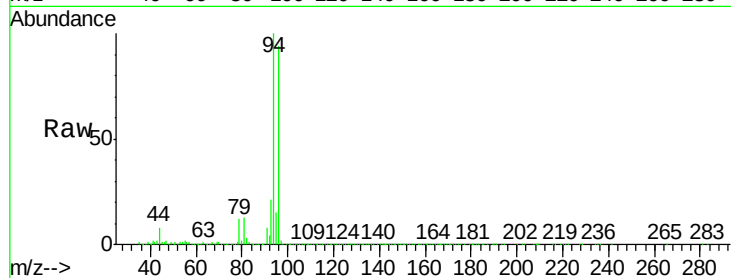
94 100

96 94.0 75.9 113.9

Manual Integrations
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#6

Chloroethane

Concen: 47.321 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001967.D

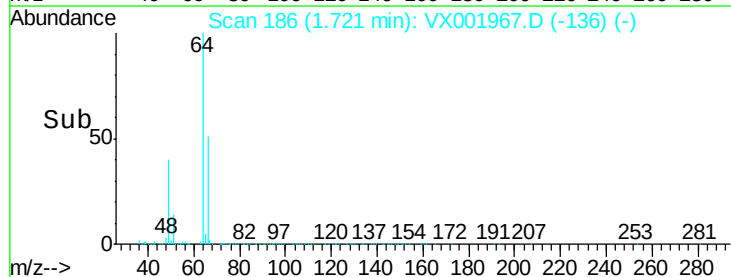
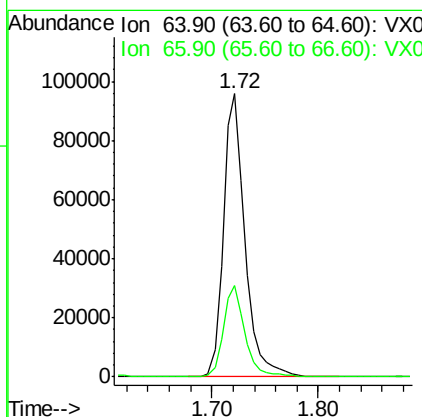
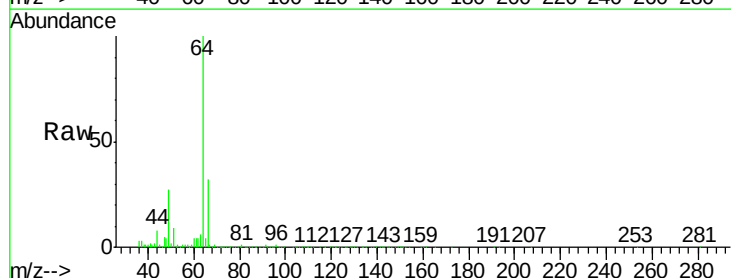
Acq: 25 May 2018 10:07

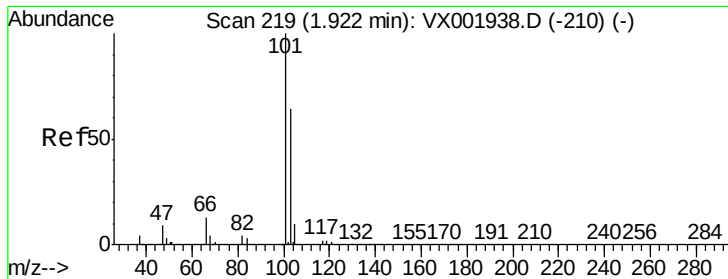
Tgt Ion: 64 Resp: 134423

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4





#7

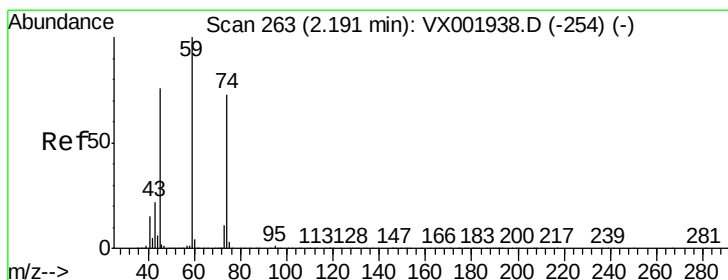
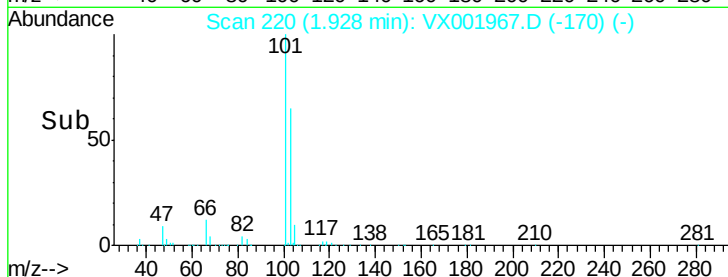
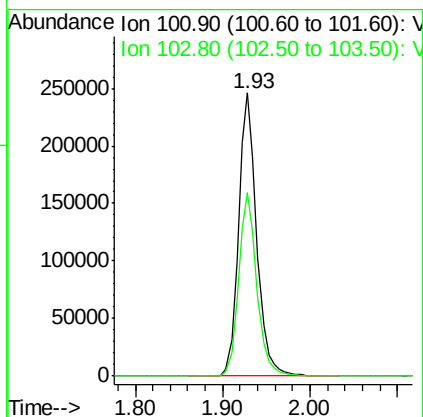
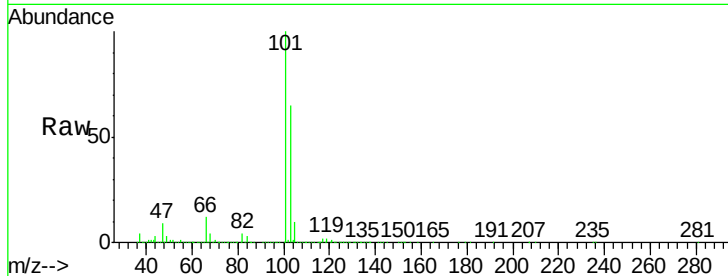
Trichlorofluoromethane
Concen: 49.035 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	354847		
103	64.8	51.4	77.0	

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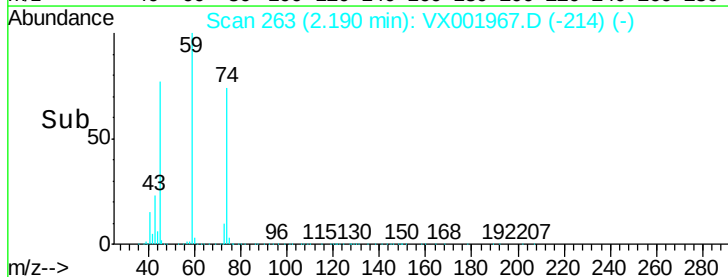
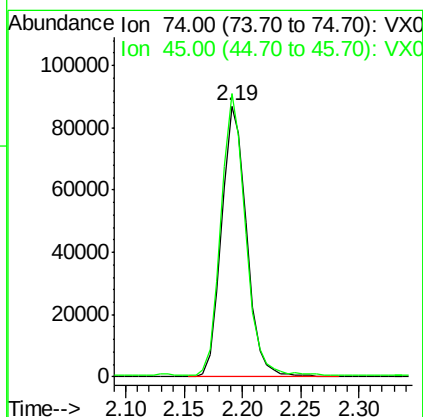
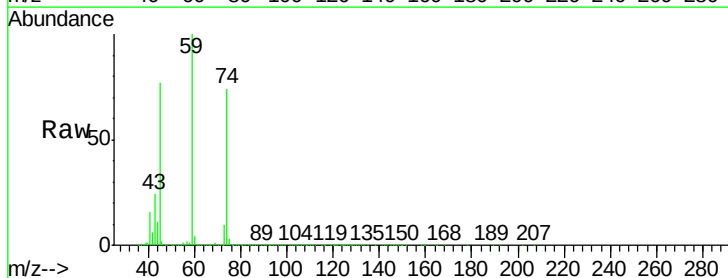
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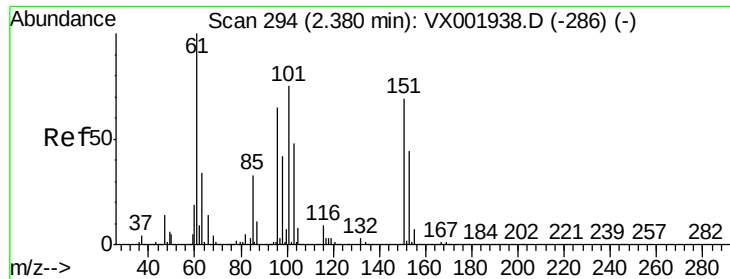


#8

Diethyl Ether
Concen: 48.664 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	127774		
45	102.9	51.5	154.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.835 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

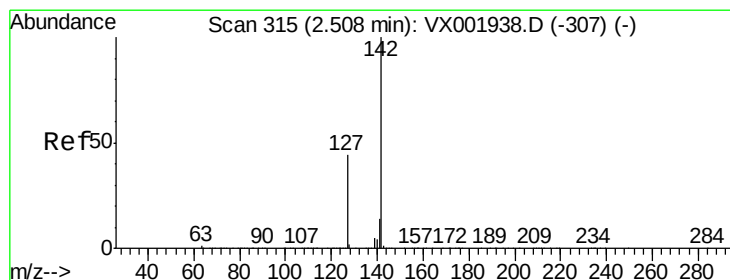
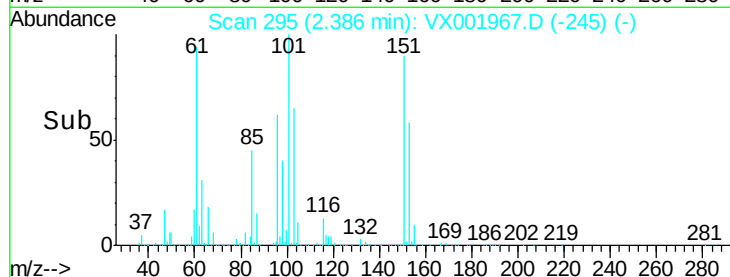
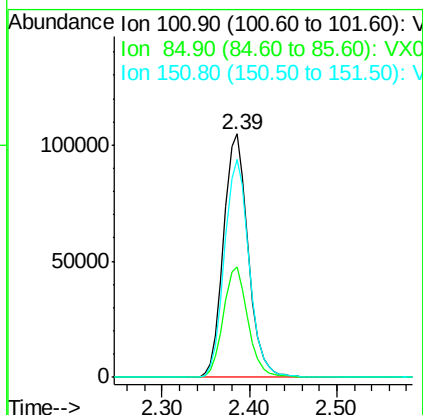
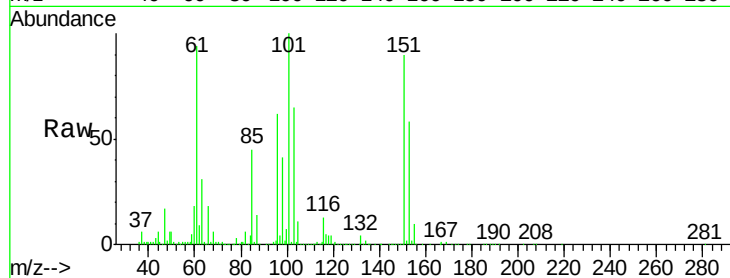
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	205277
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.6	53.4
151	89.8	73.2	109.8

Manual Integrations
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#10

Methyl Iodide

Concen: 52.351 ug/l

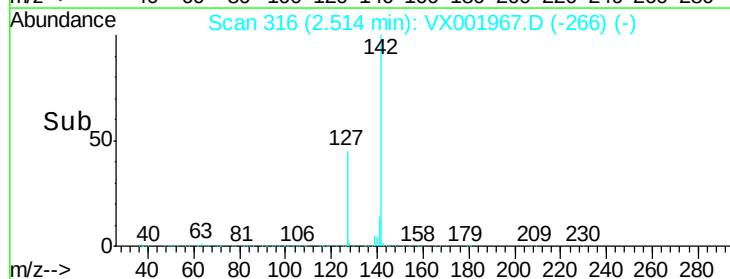
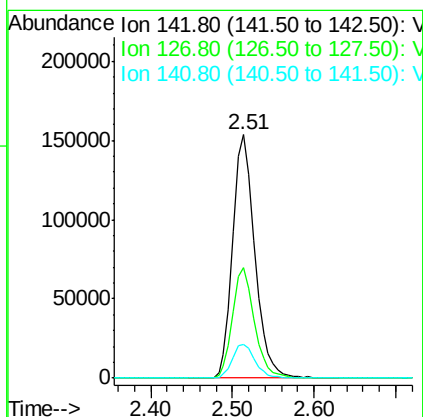
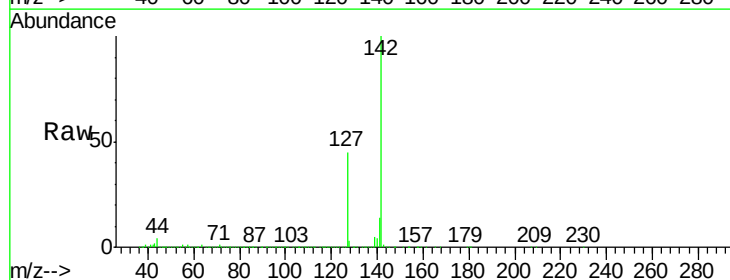
RT: 2.51 min Scan# 316

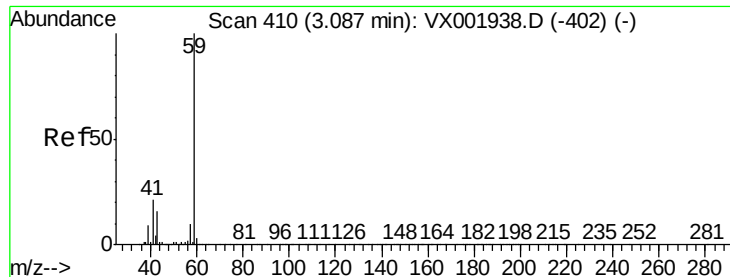
Delta R.T. 0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion:	142	Resp:	286036
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.5	53.3
141	14.3	11.3	16.9





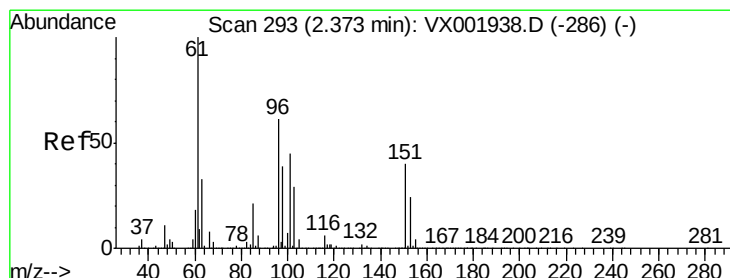
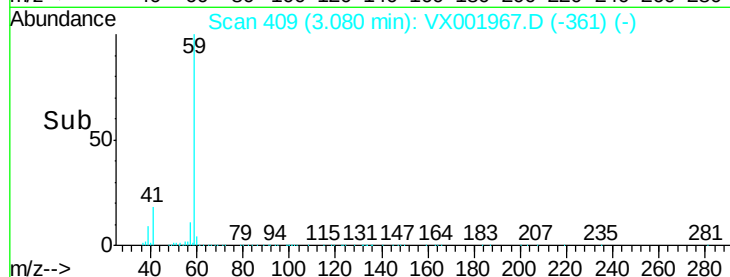
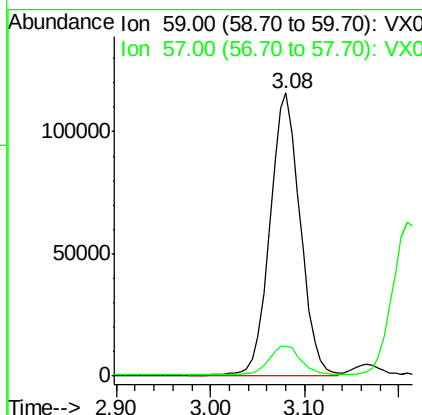
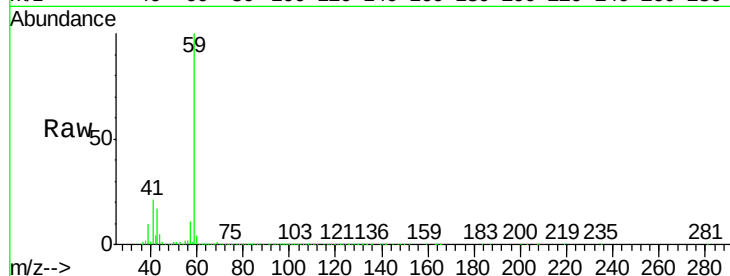
#11
Tert butyl alcohol
Concen: 229.993 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.9	13.3

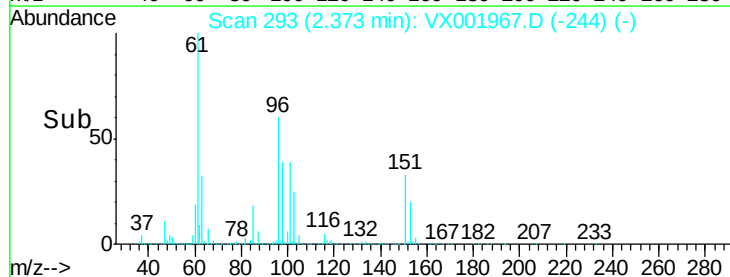
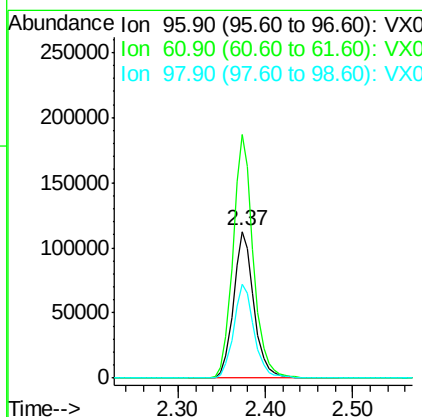
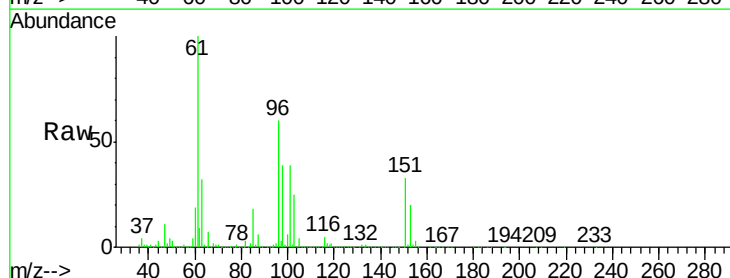
Manual Integrations
APPROVED

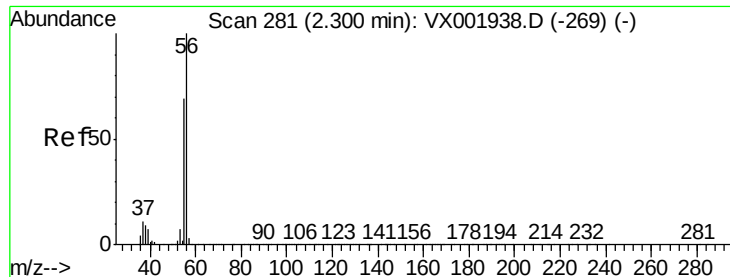
MMDadoda
5/29/2018 4:39:19 PM



#12
1,1-Dichloroethene
Concen: 47.993 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.9	131.7	197.5
98	64.2	51.6	77.4





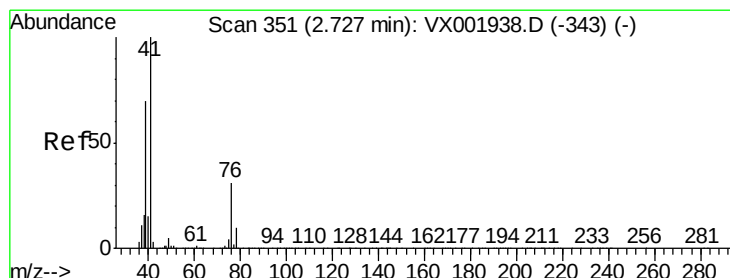
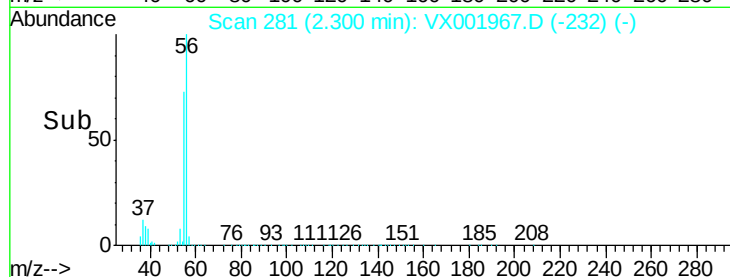
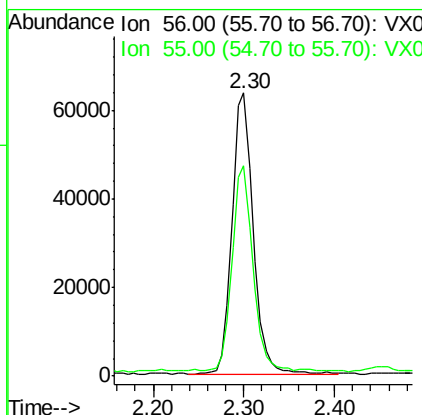
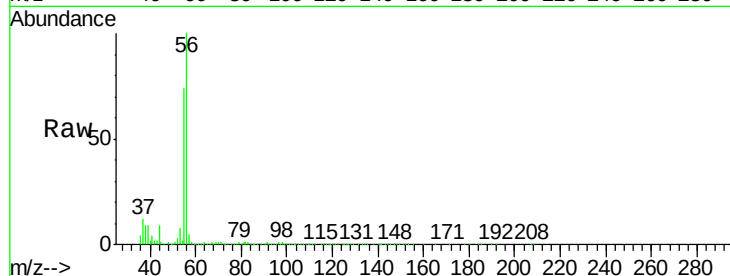
#13
Acrolein
Concen: 209.085 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.8	85.2

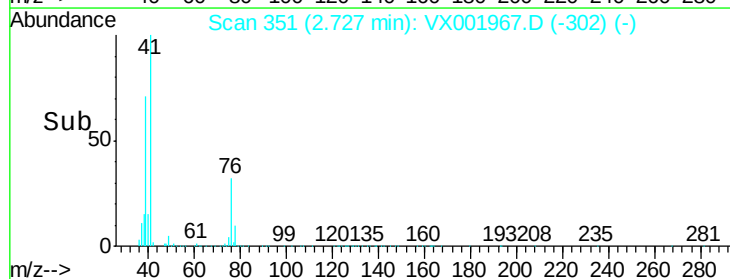
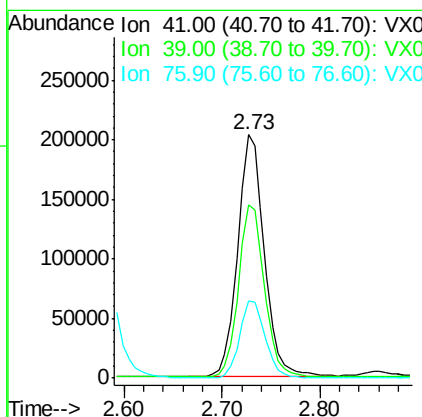
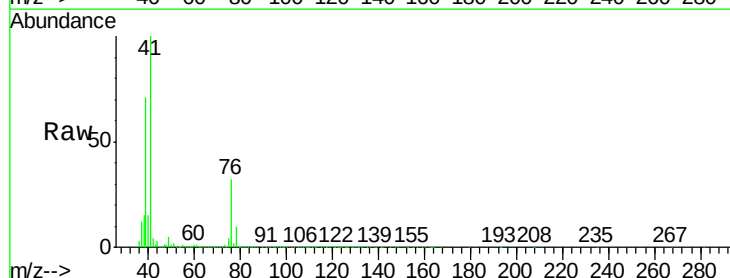
Manual Integrations
APPROVED

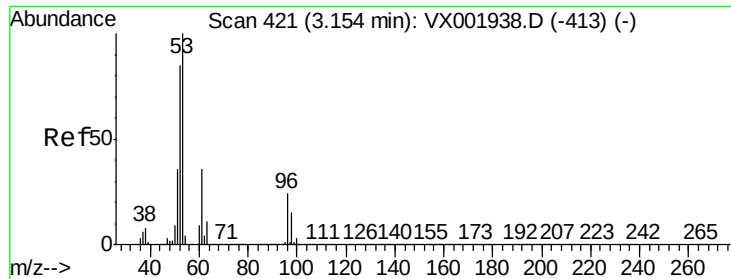
MMDadoda
5/29/2018 4:39:19 PM



#14
Allyl chloride
Concen: 48.294 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.3	54.3	81.5
76	30.9	24.2	36.4





#15

Acrylonitrile

Concen: 228.889 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

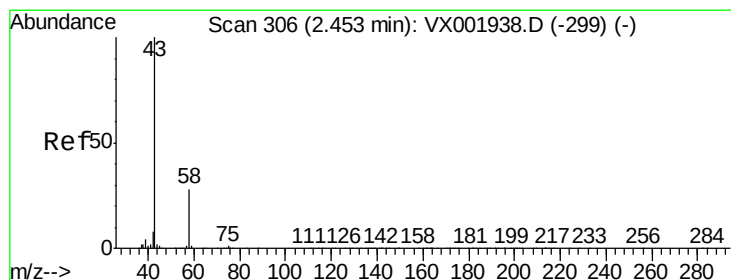
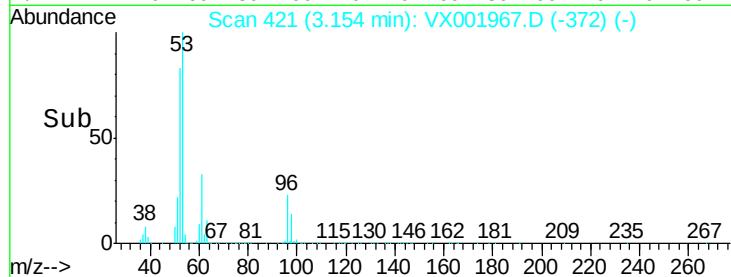
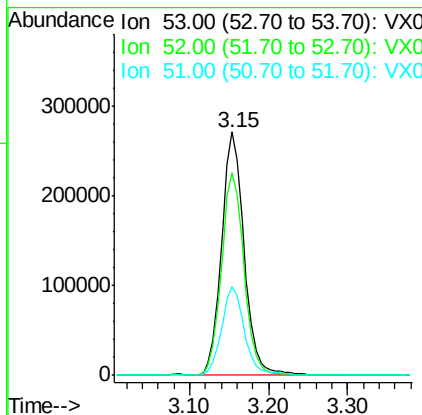
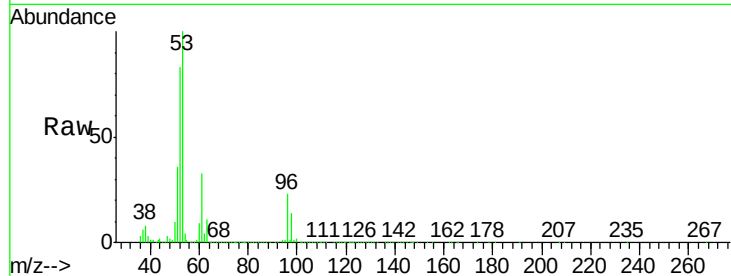
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	535681
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.4	99.6
51	37.0	29.3	43.9

Manual Integrations
APPROVED

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#16

Acetone

Concen: 250.587 ug/l

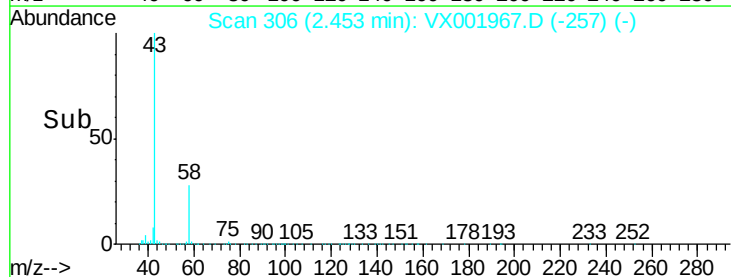
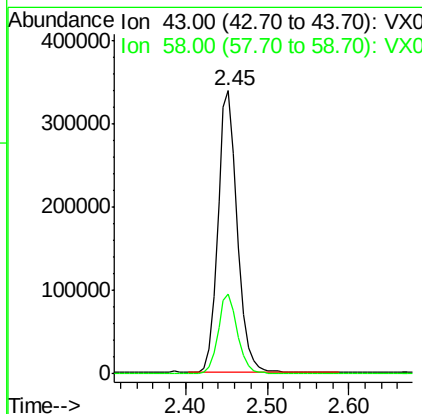
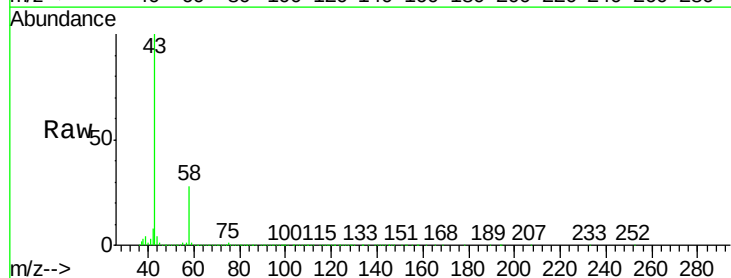
RT: 2.45 min Scan# 306

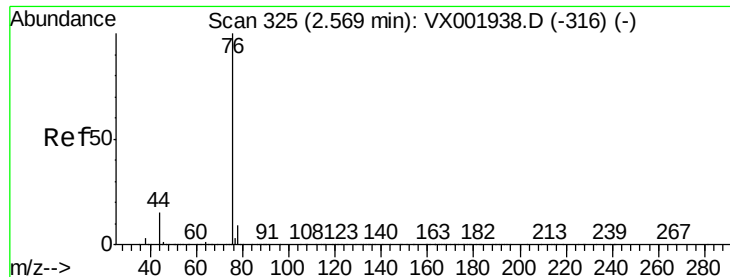
Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion:	43	Resp:	560716
Ion Ratio		Lower	Upper
43	100		
58	28.4	22.3	33.5





#17

Carbon Disulfide

Concen: 47.478 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 516602

Ion Ratio Lower Upper

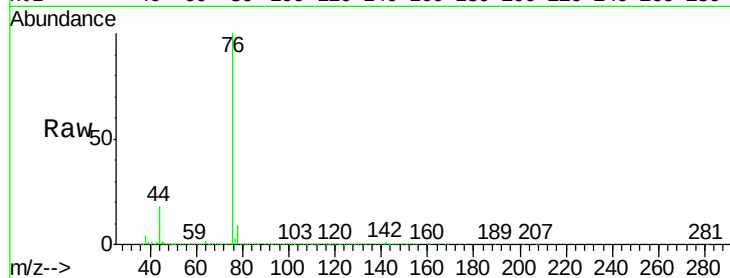
76 100

78 9.0 7.4 11.2

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

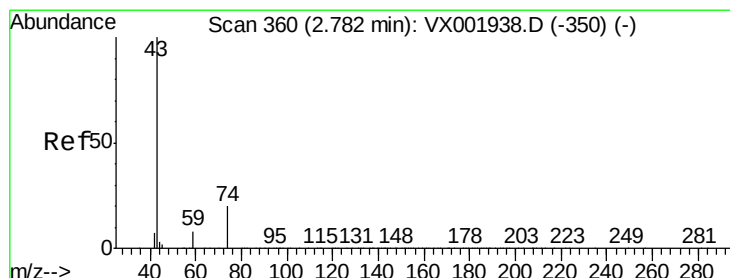
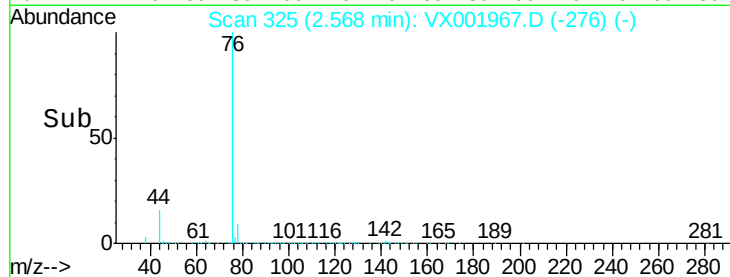
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 49.230 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001967.D

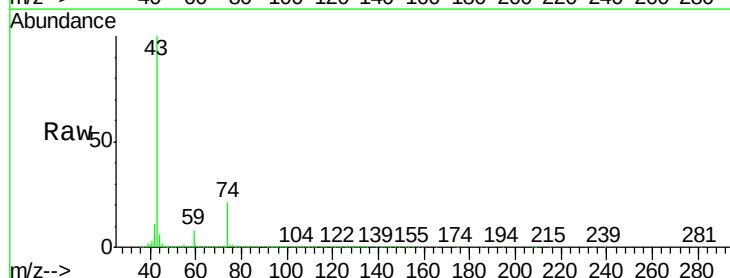
Acq: 25 May 2018 10:07

Tgt Ion: 43 Resp: 265464

Ion Ratio Lower Upper

43 100

74 22.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

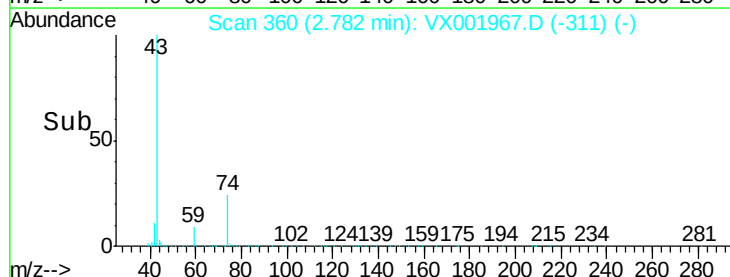
150000

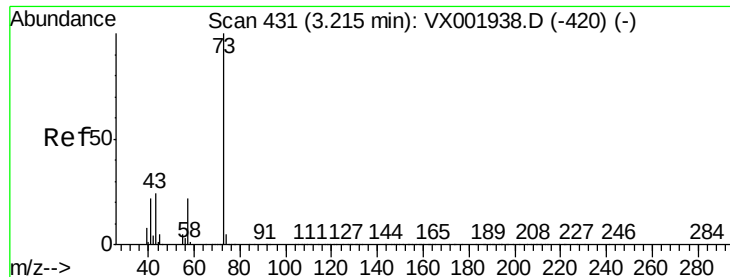
100000

50000

0

Time-->





#19

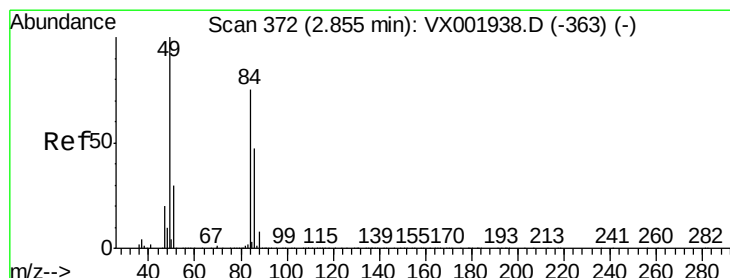
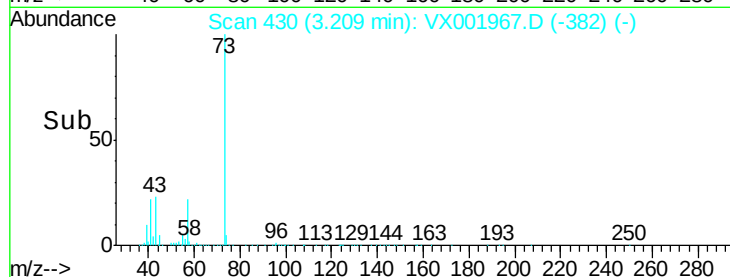
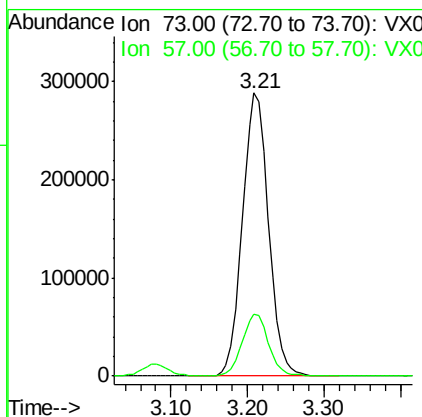
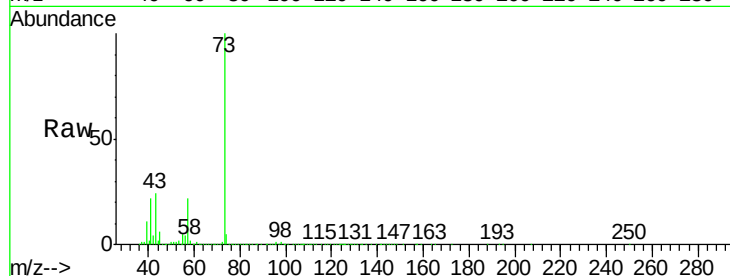
Methyl tert-butyl Ether
Concen: 47.894 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.0

Manual Integrations
APPROVED

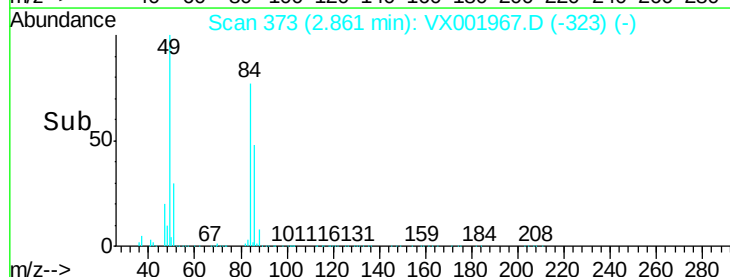
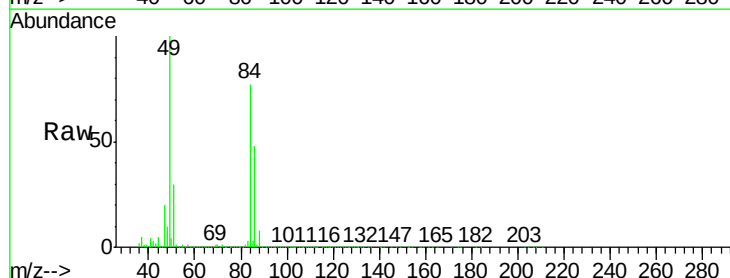
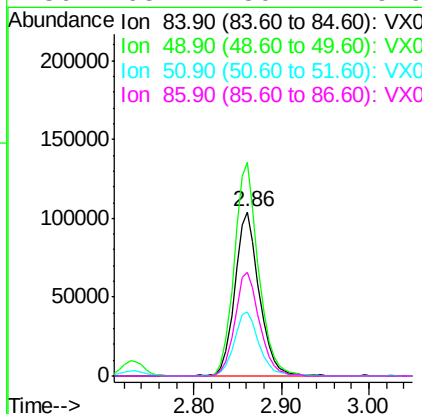
MMDadoda
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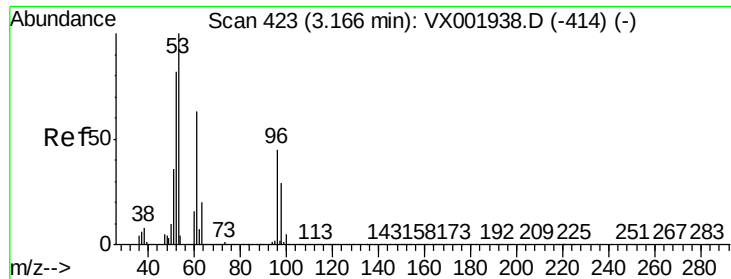


#20

Methylene Chloride
Concen: 51.778 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.5	107.2	160.8
51	38.8	32.4	48.6
86	63.1	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 52.502 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

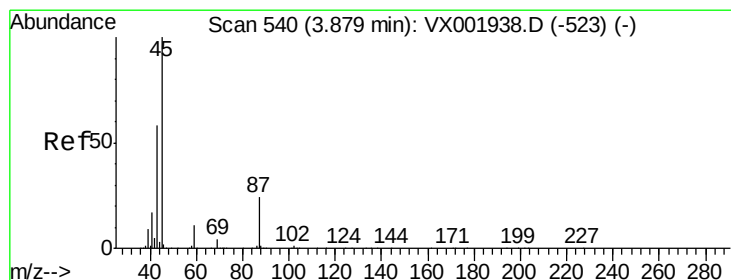
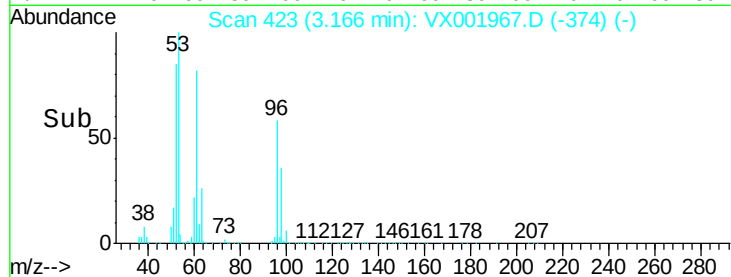
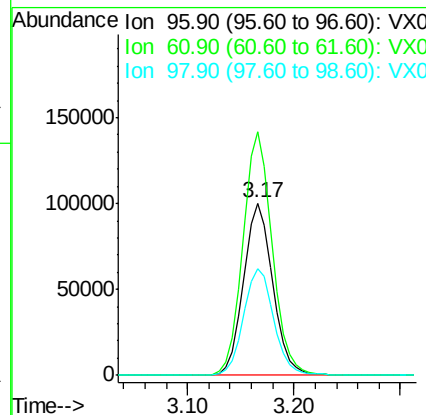
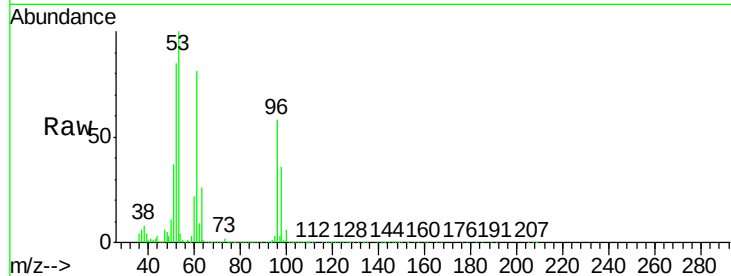
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	192954
Ion	Ratio	Lower	Upper
96	100		
61	141.5	113.3	169.9
98	61.7	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 43.492 ug/l

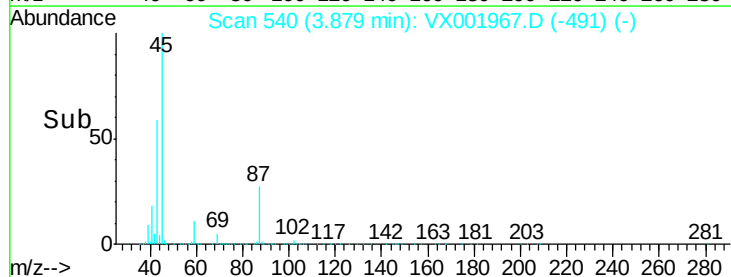
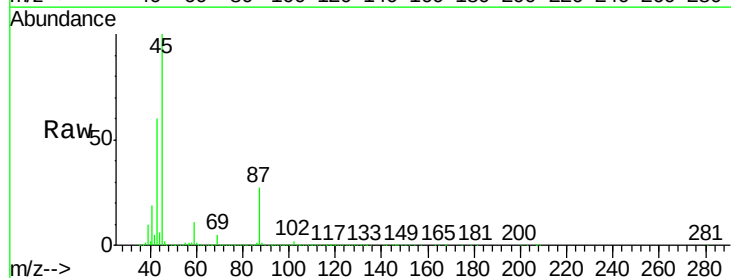
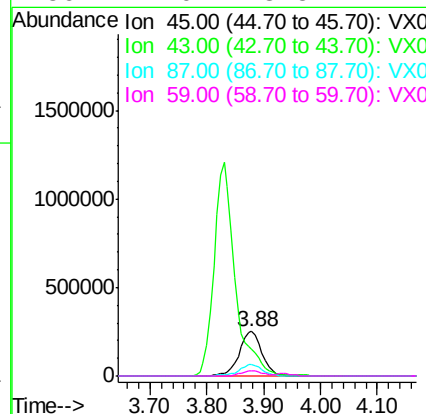
RT: 3.88 min Scan# 540

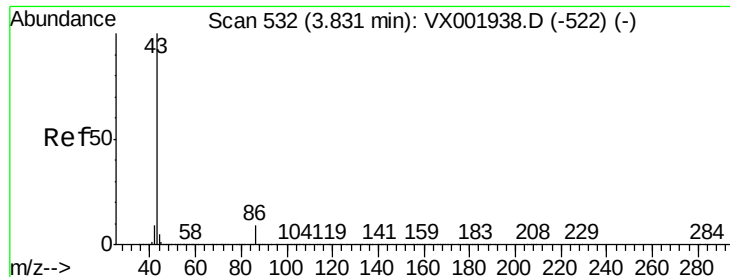
Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion:	45	Resp:	702070
Ion	Ratio	Lower	Upper
45	100		
43	59.1	47.0	70.6
87	26.7	19.4	29.0
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 232.512 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3111900

Ion Ratio Lower Upper

43 100

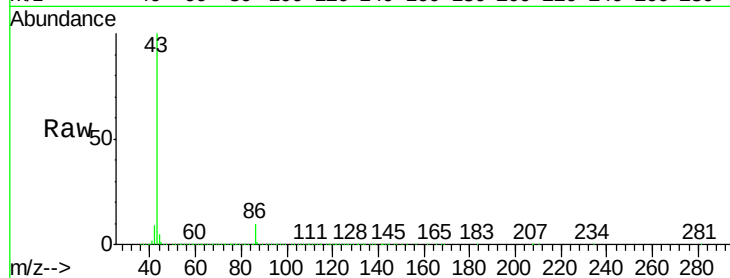
86 9.6 7.6 11.4

Manual Integrations

APPROVED

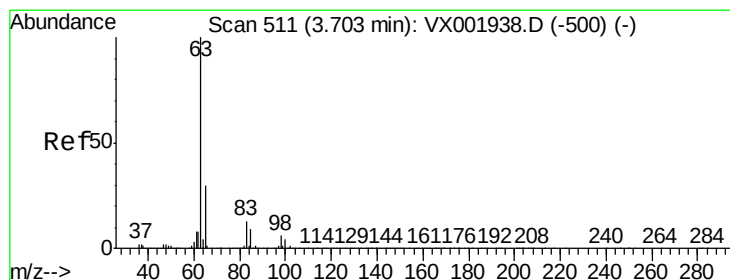
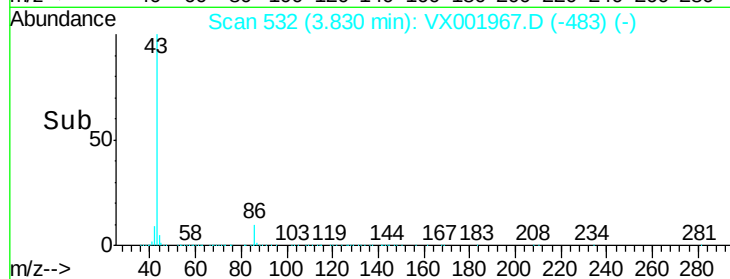
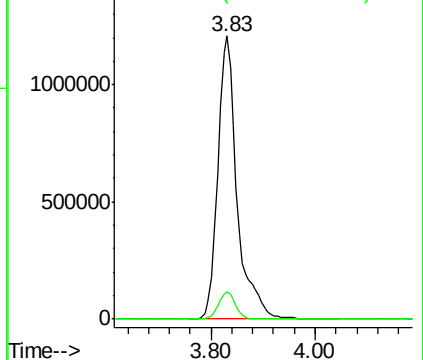
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.454 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

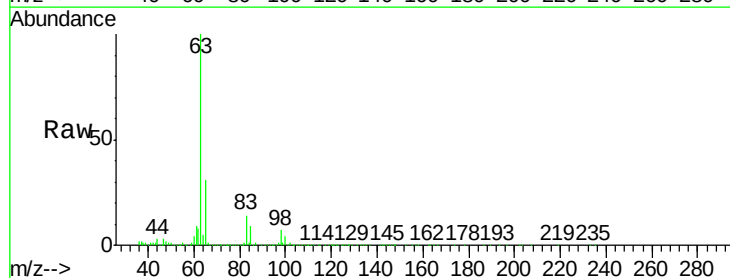
Tgt Ion: 63 Resp: 371546

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

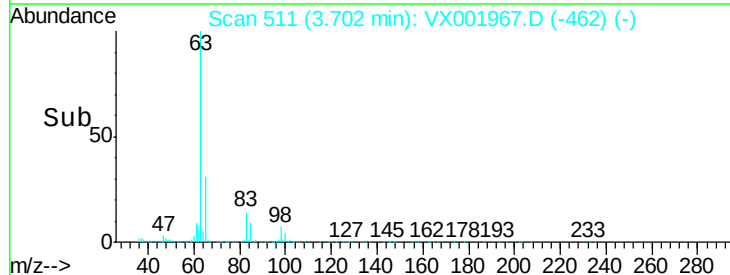
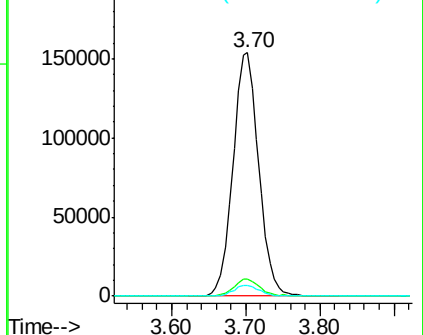
100 4.3 2.1 6.5

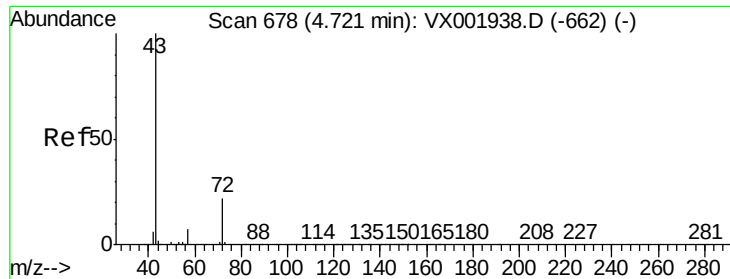


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 212.970 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 873415

Ion Ratio Lower Upper

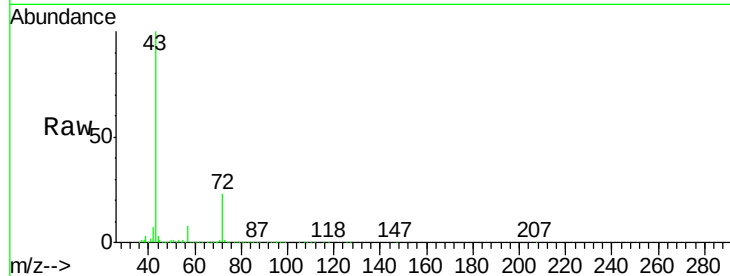
43 100

72 23.0 17.9 26.9

Manual Integrations
APPROVED

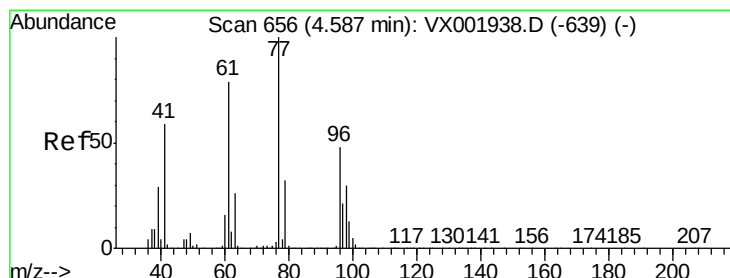
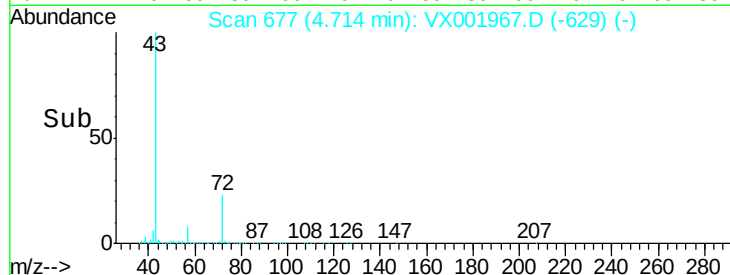
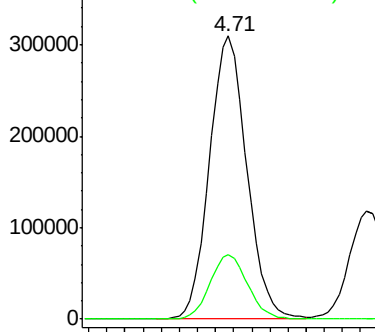
MMDadoda

5/29/2018 4:39:19 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.653 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001967.D

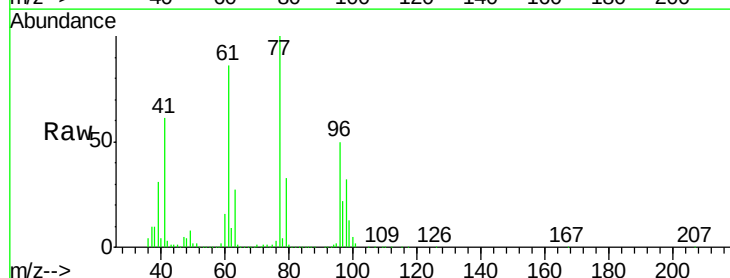
Acq: 25 May 2018 10:07

Tgt Ion: 77 Resp: 354331

Ion Ratio Lower Upper

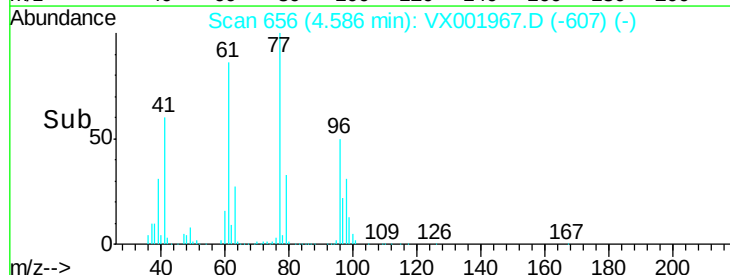
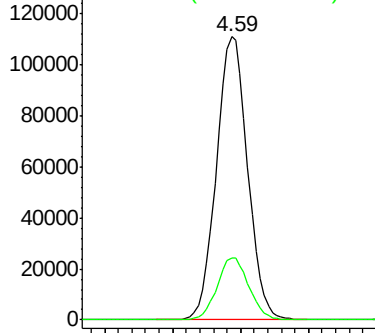
77 100

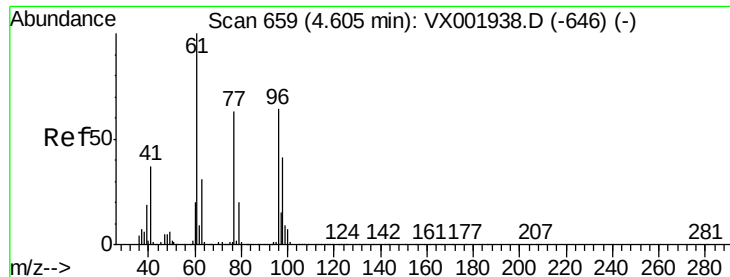
97 22.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

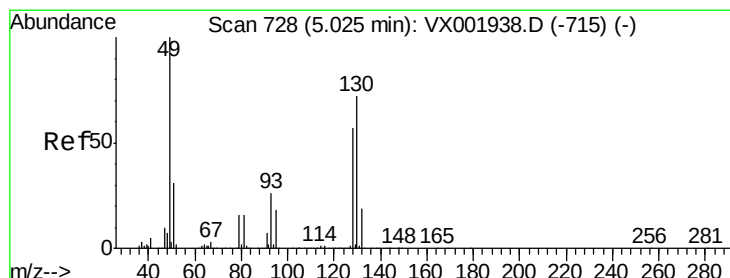
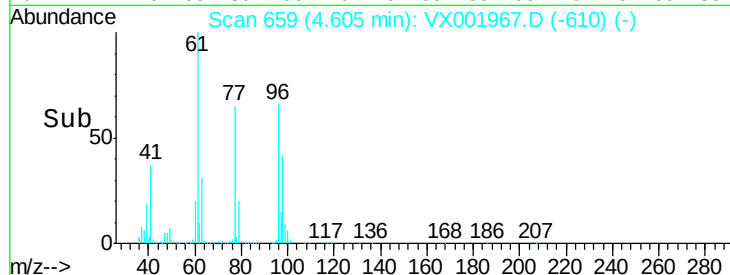
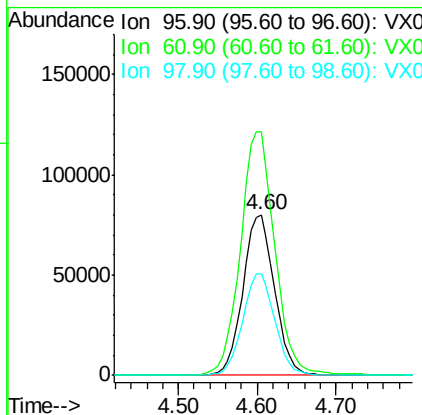
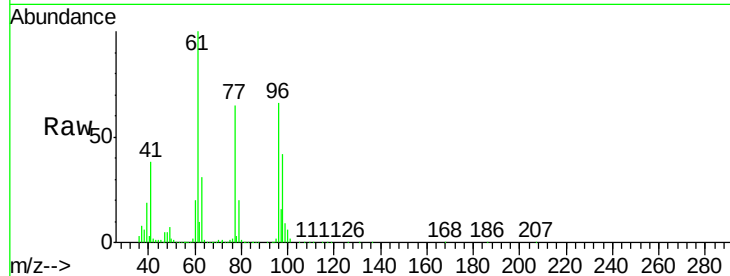
cis-1,2-Dichloroethene
Concen: 45.015 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.7	0.0	348.4
98	64.1	0.0	128.6

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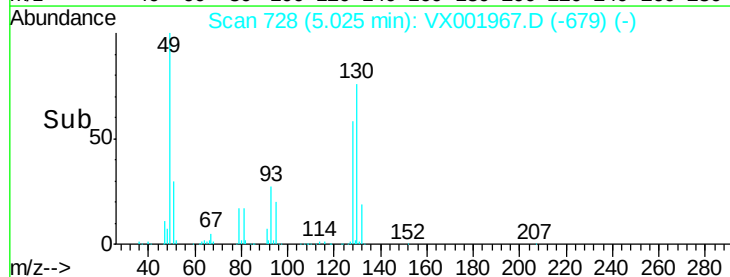
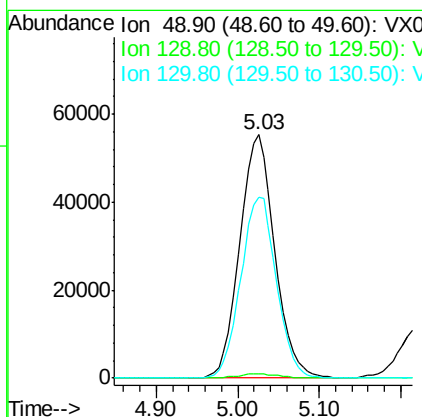
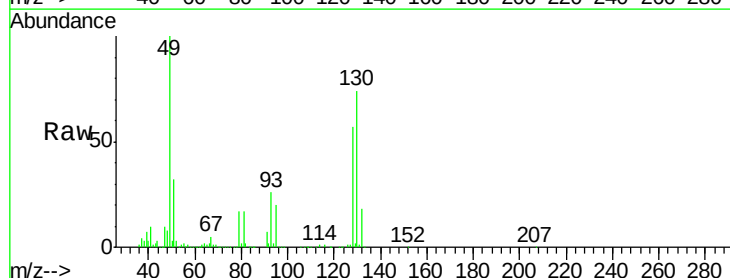
MMDadoda
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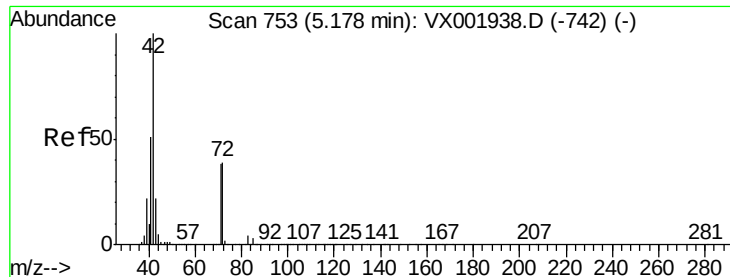


#28

Bromochloromethane
Concen: 51.125 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	76.0	59.4	89.2





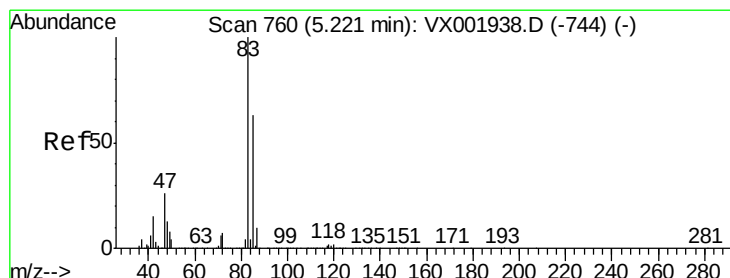
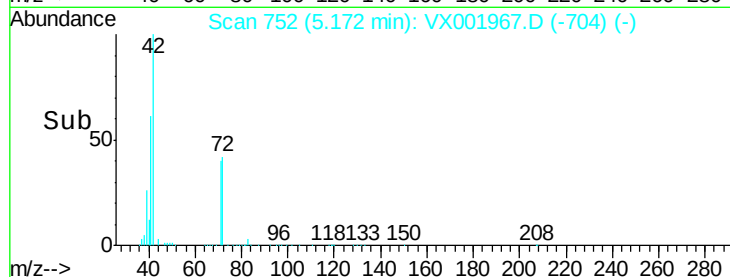
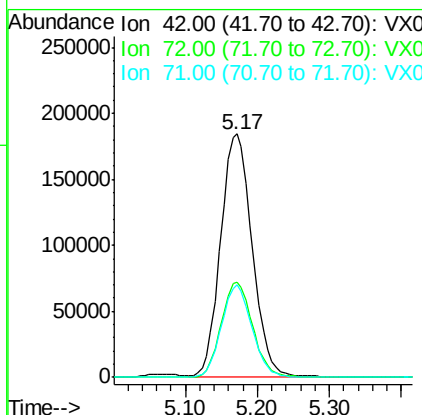
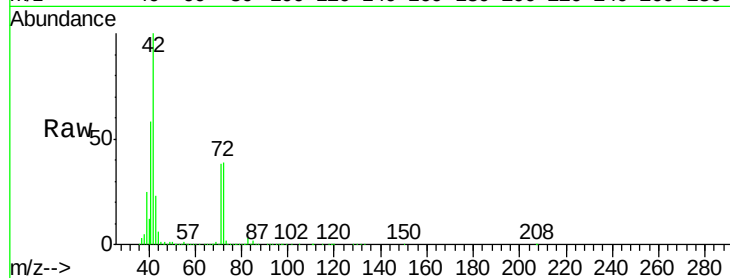
#29
Tetrahydrofuran
Concen: 209.068 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	31.4	47.0
71	36.9	29.5	44.3

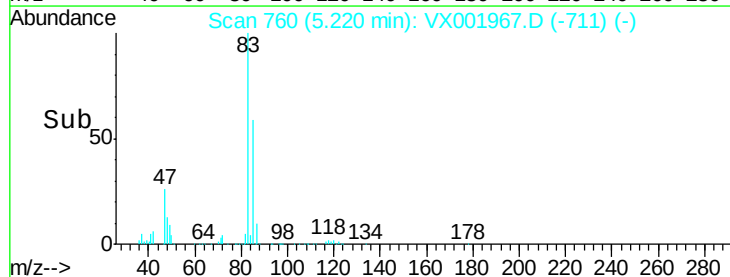
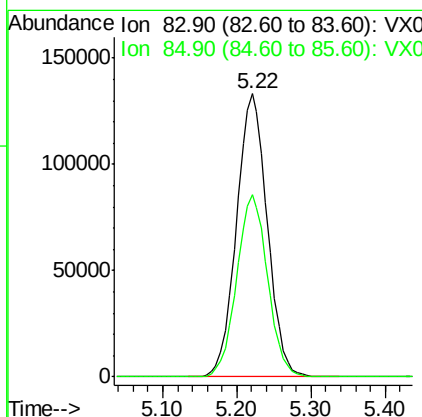
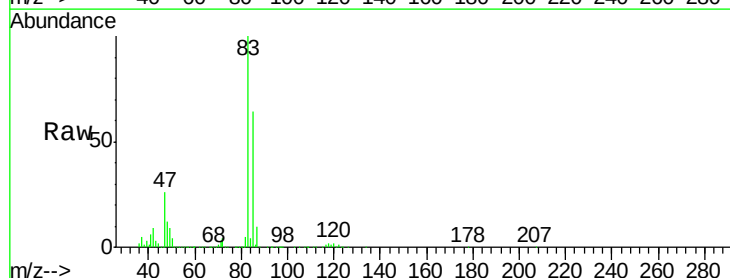
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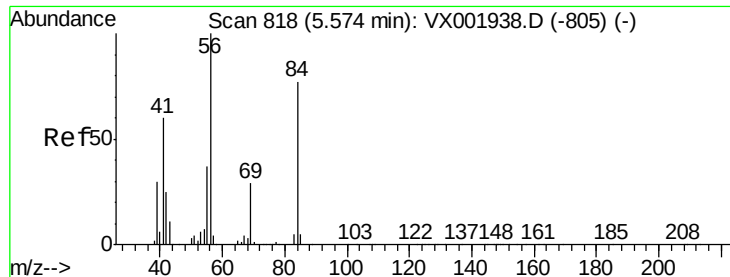
MMDadoda
5/29/2018 4:39:19 PM



#30
Chloroform
Concen: 44.547 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3





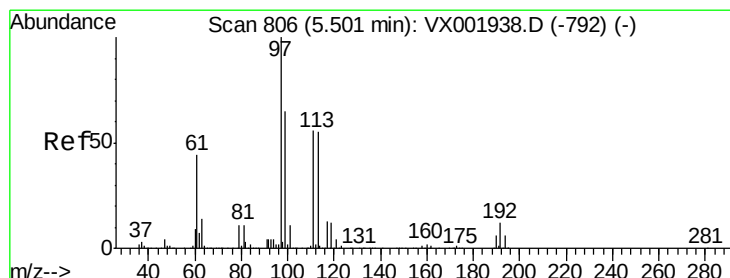
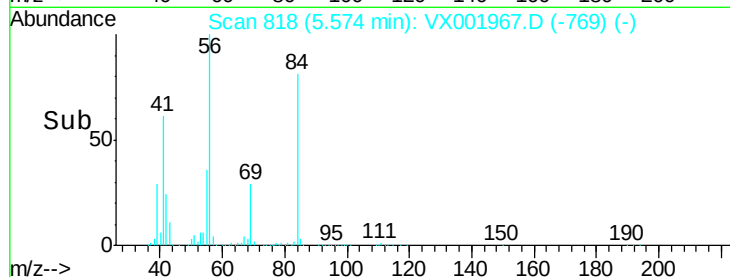
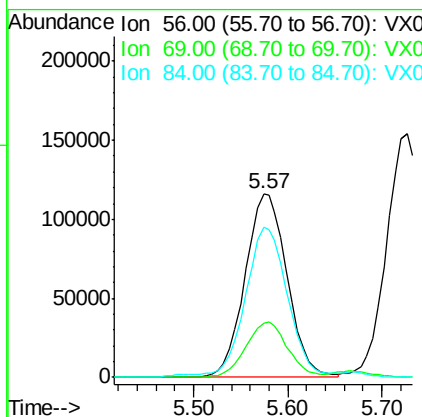
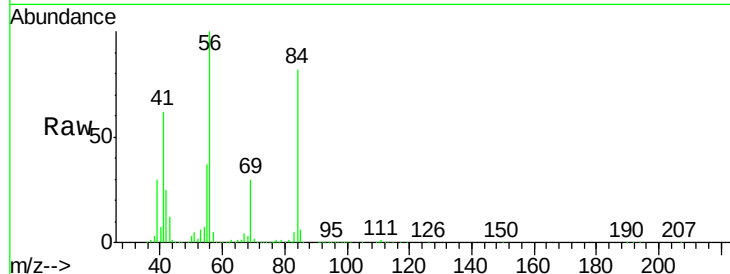
#31
Cyclohexane
Concen: 45.143 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.4	23.1	34.7	
84	80.0	62.0	93.0	

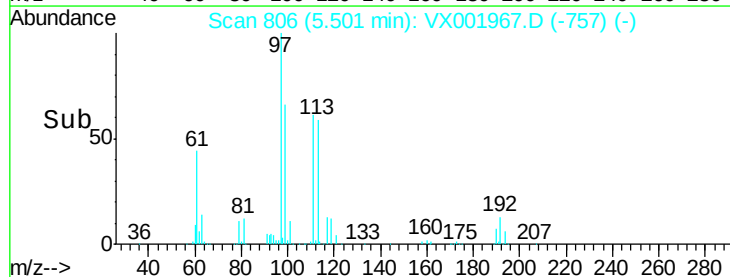
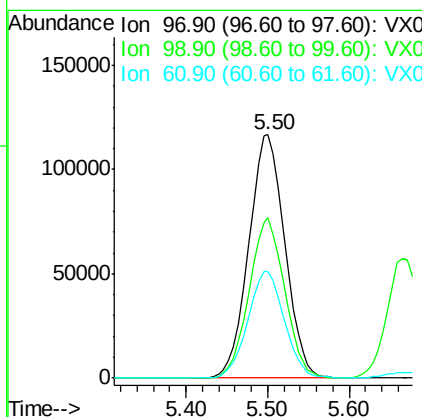
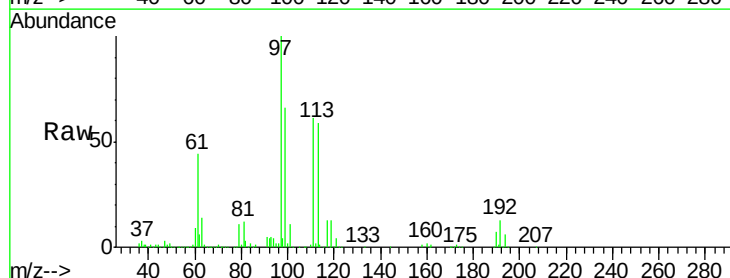
Manual Integrations
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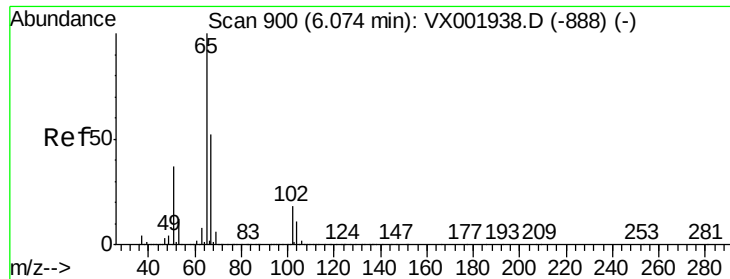
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5/29/2018 4:39:19 PM



#32
1,1,1-Trichloroethane
Concen: 44.536 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.0	51.9	77.9	
61	44.4	35.9	53.9	





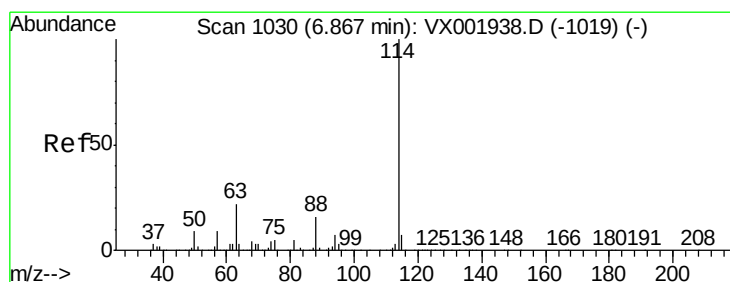
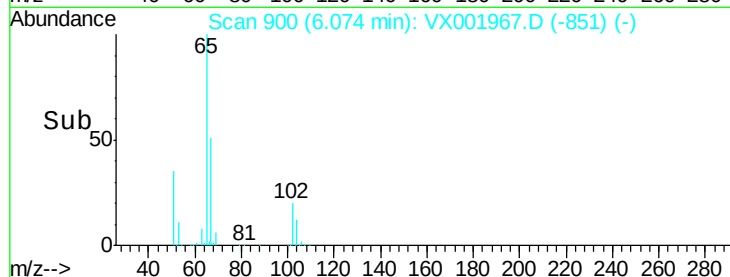
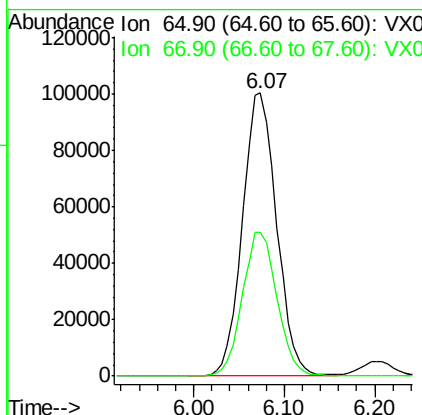
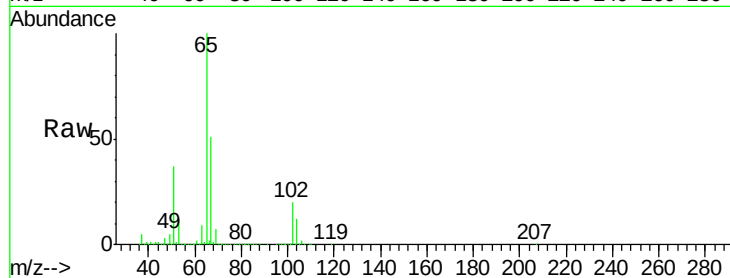
#33
 1,2-Dichloroethane-d4
 Concen: 45.227 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	262226		
67	51.2	0.0	104.0	

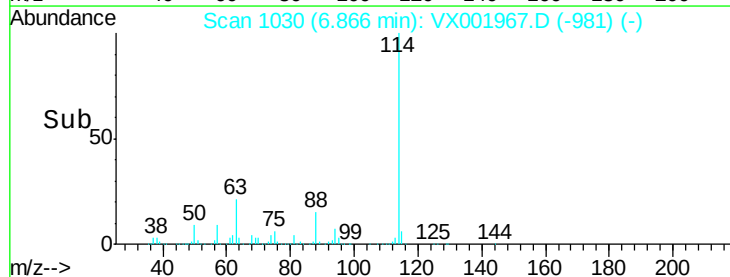
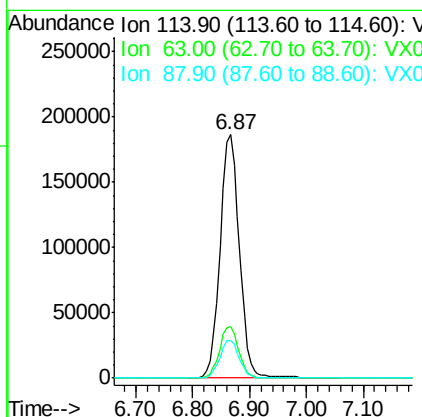
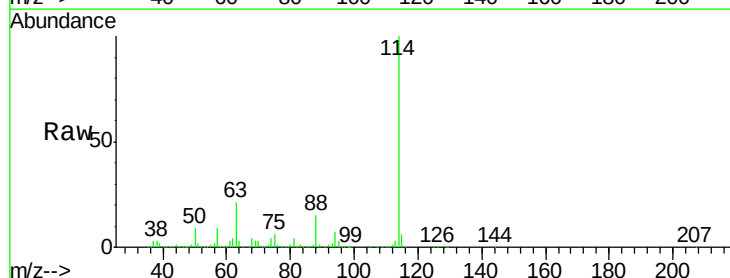
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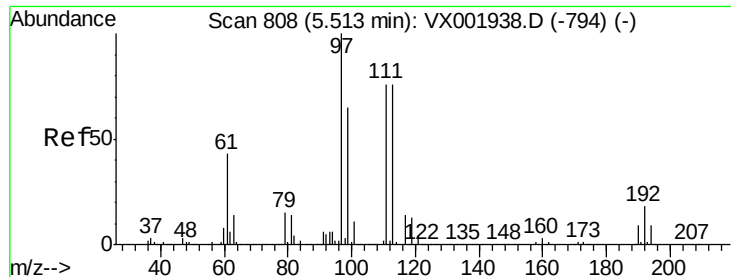
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 5/29/2018 4:39:19 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	439758		
63	21.1	0.0	43.2	
88	15.3	0.0	31.6	





#35

Dibromofluoromethane

Concen: 47.322 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

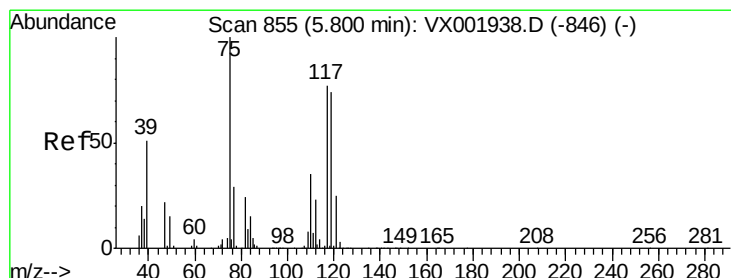
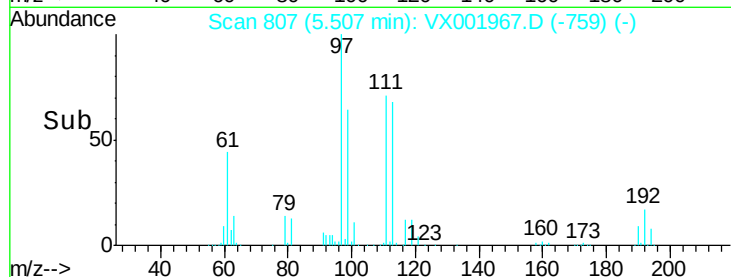
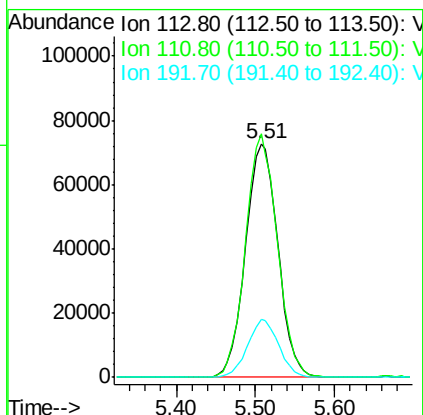
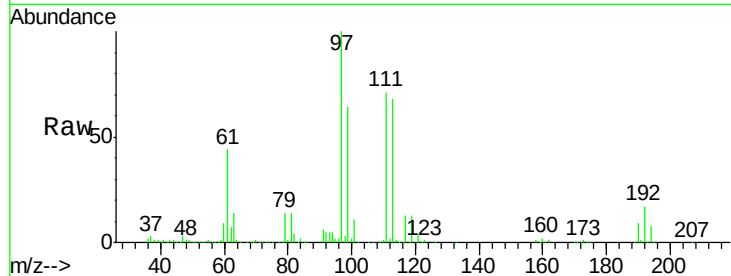
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	208103
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.0	123.0
192	23.9	18.9	28.3

Manual Integrations
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5/29/2018 4:39:19 PM



#36

1,1-Dichloropropene

Concen: 46.844 ug/l

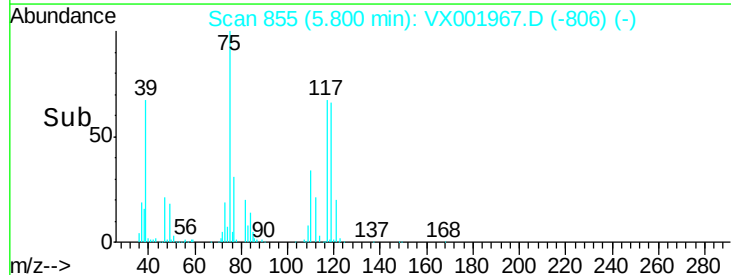
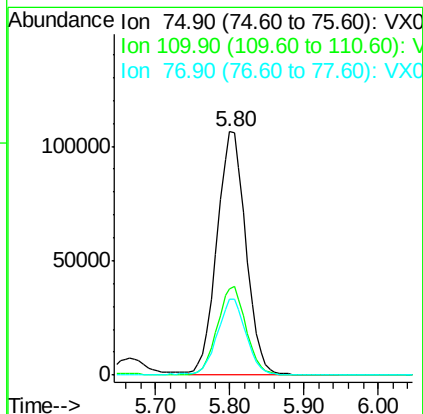
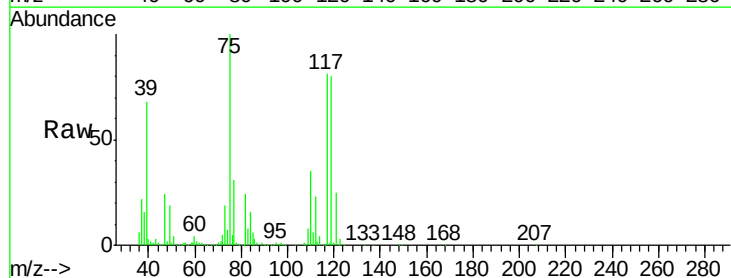
RT: 5.80 min Scan# 855

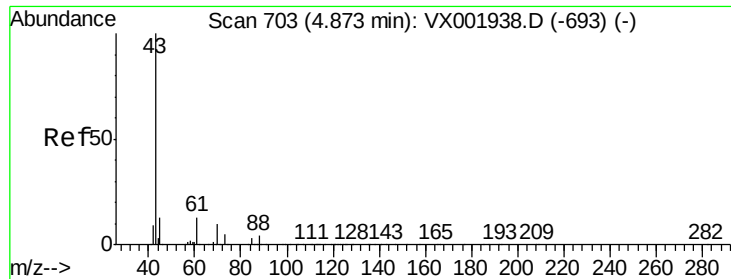
Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion:	75	Resp:	286539
Ion Ratio	Lower	Upper	
75	100		
110	35.9	17.4	52.2
77	30.6	24.4	36.6





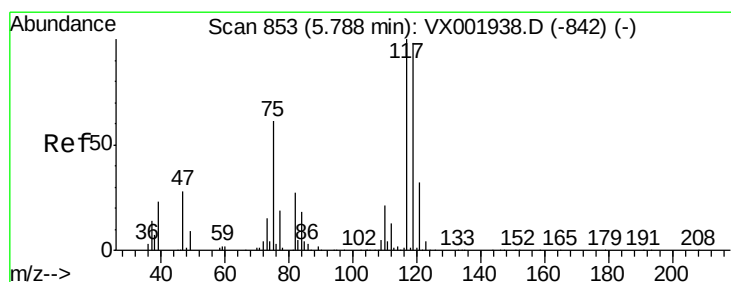
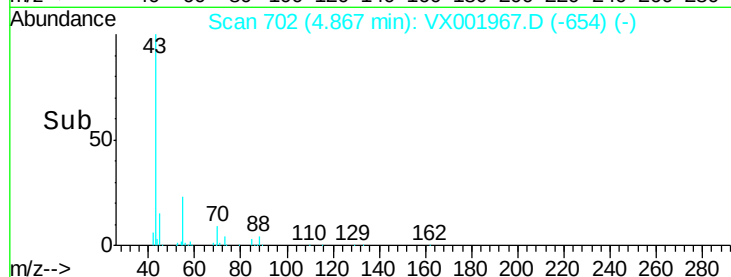
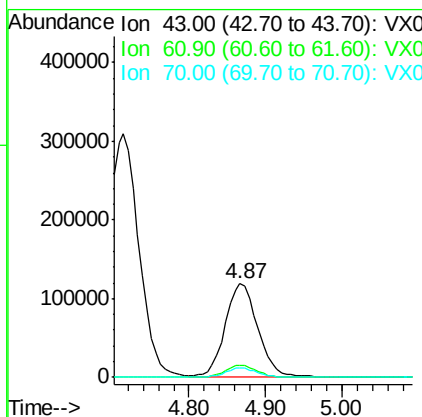
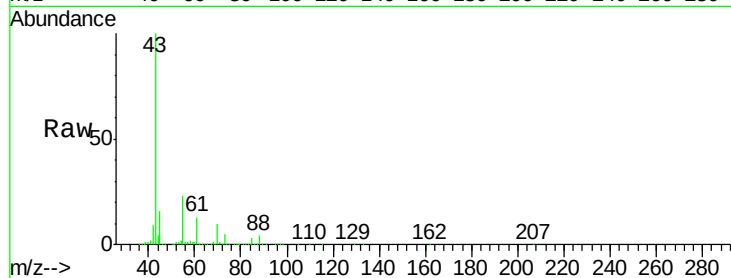
#37
Ethyl Acetate
Concen: 42.995 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.2
70	9.7	7.8	11.8

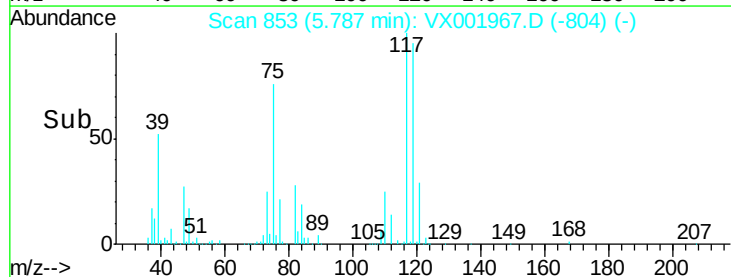
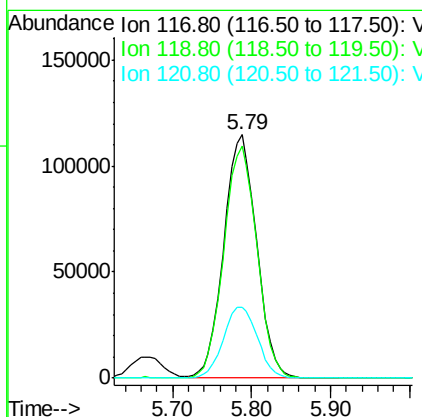
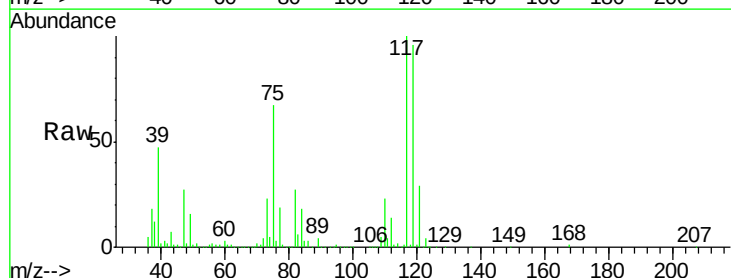
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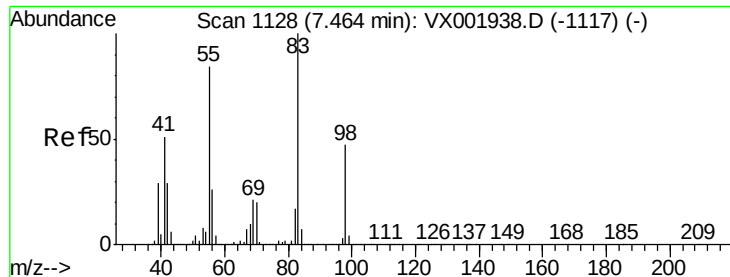
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#38
Carbon Tetrachloride
Concen: 46.496 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.5	117.7
121	29.3	25.5	38.3





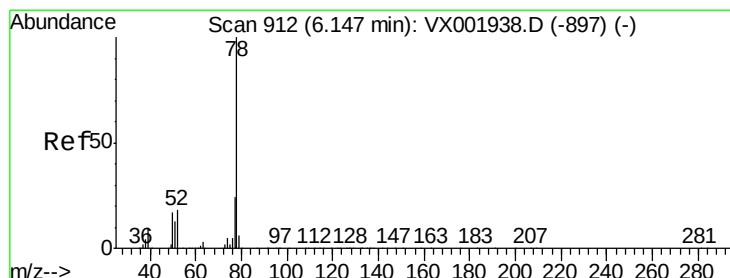
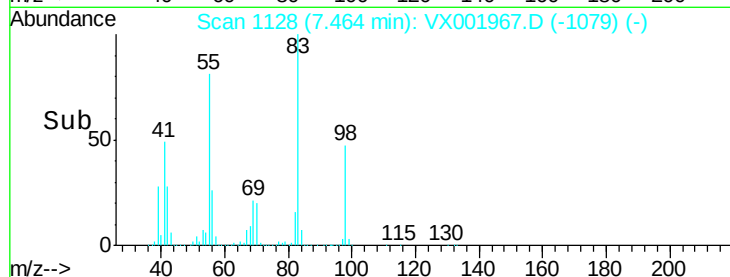
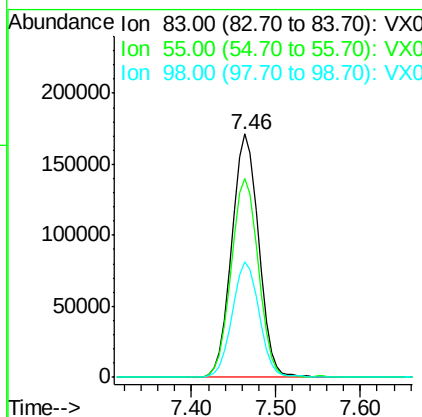
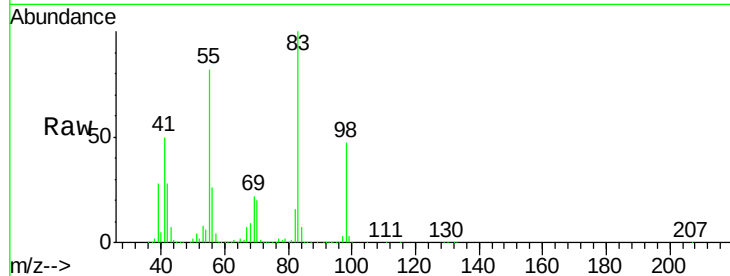
#39
Methylvlcyclohexane
Concen: 49.210 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.4	67.3	100.9	
98	47.2	37.5	56.3	

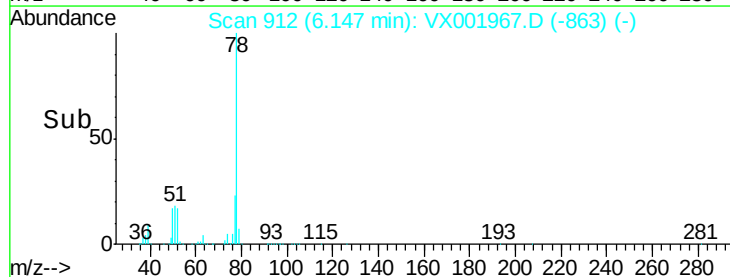
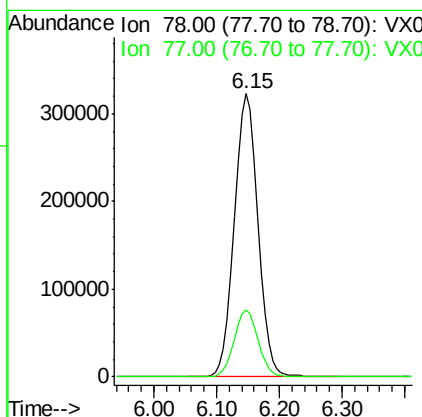
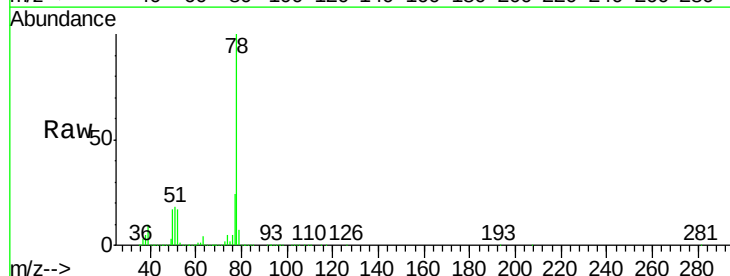
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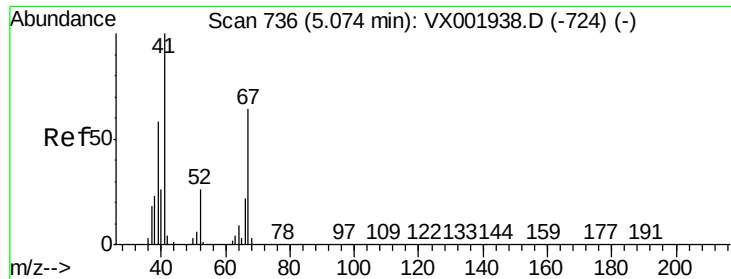
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#40
Benzene
Concen: 47.115 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	19.1	28.7	





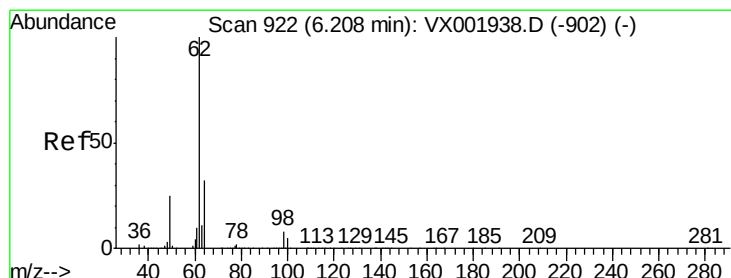
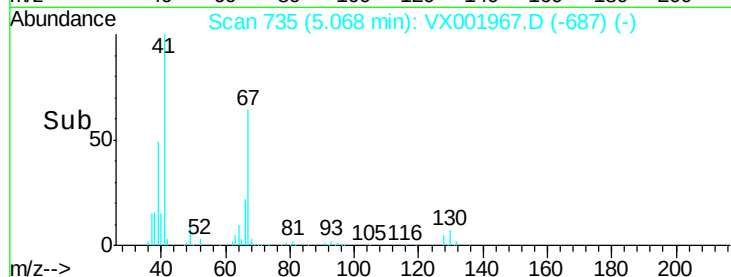
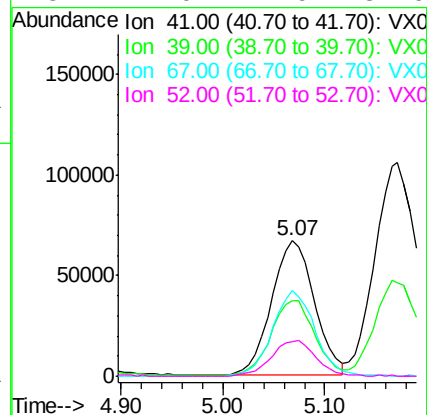
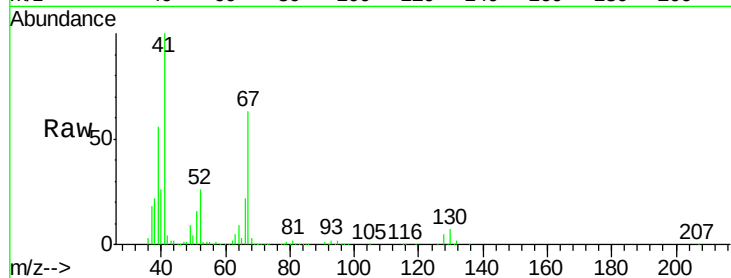
#41
Methacrylonitrile
Concen: 46.274 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		195159		
39	56.7	46.0	69.0		
67	62.4	50.6	75.8		
52	27.0	21.9	32.9		

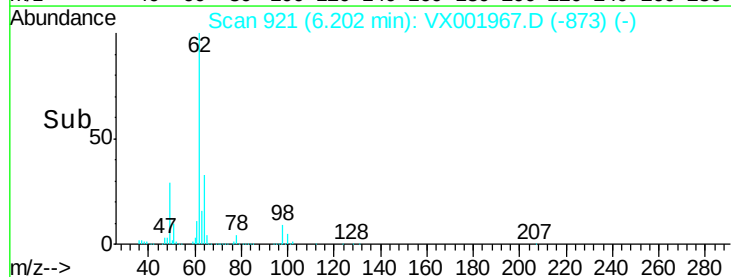
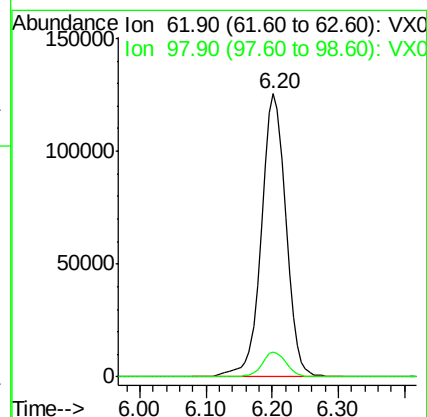
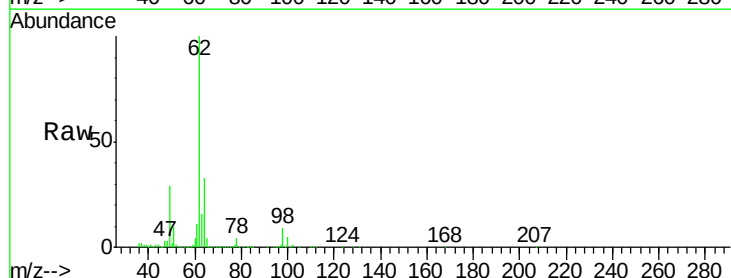
Manual Integrations
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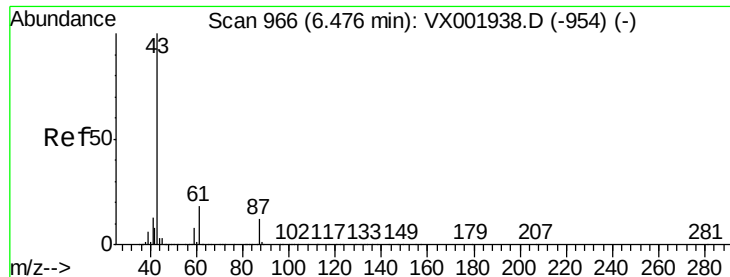
MMDadoda
5/29/2018 4:39:19 PM



#42
1,2-Dichloroethane
Concen: 45.248 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		323897		
98	8.5	0.0	17.0		





#43

Isopropyl Acetate

Concen: 45.070 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

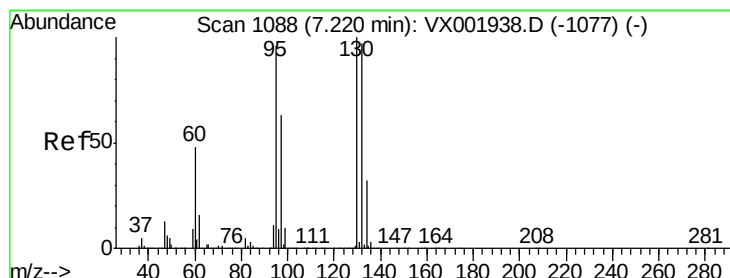
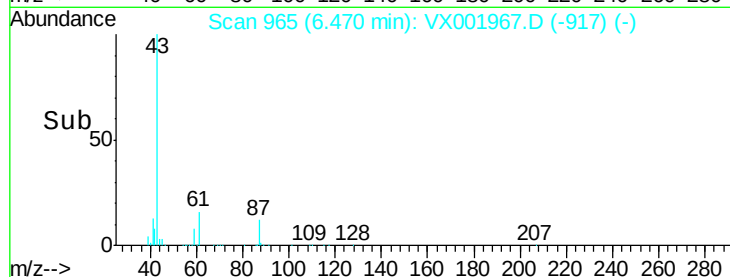
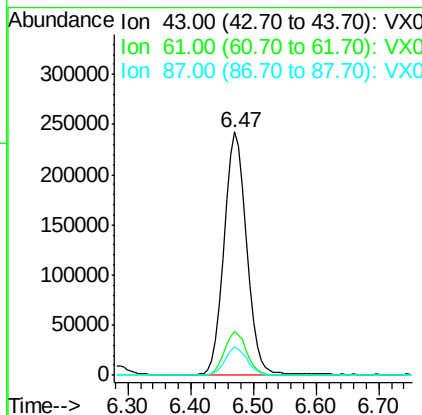
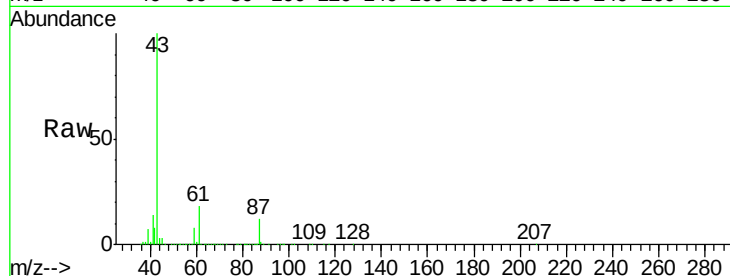
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	598864
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.5	21.7
87	11.5	9.5	14.3

Manual Integrations
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MMDadoda
5/29/2018 4:39:19 PM



#44

Trichloroethene

Concen: 47.173 ug/l

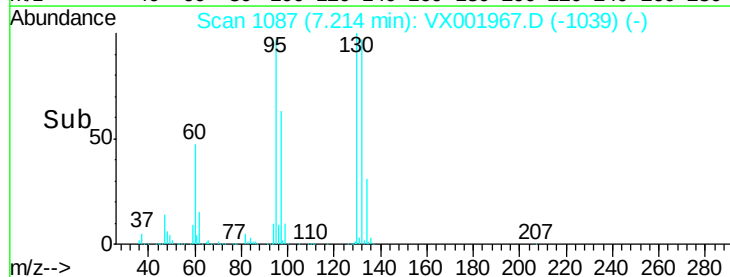
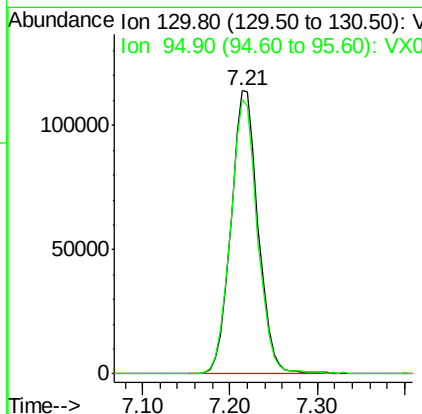
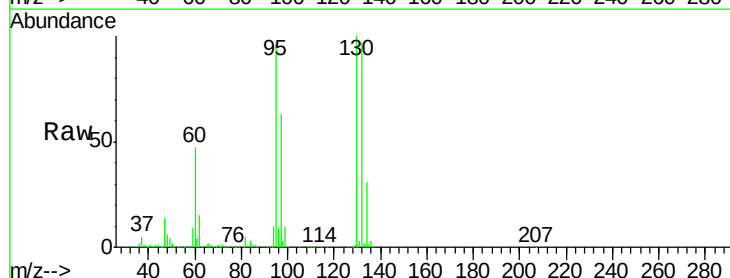
RT: 7.21 min Scan# 1087

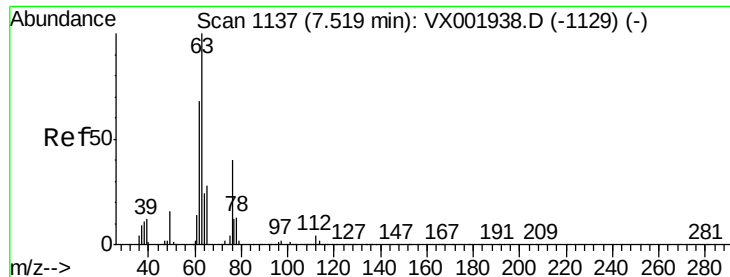
Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion:	130	Resp:	246346
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	192.0





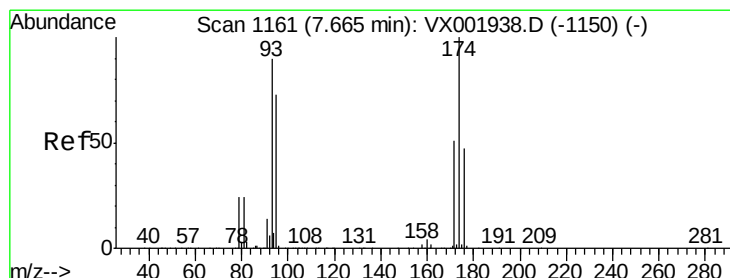
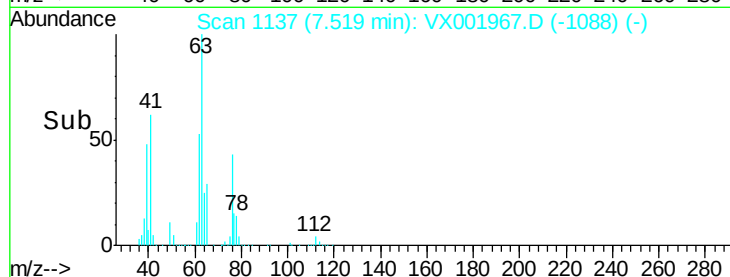
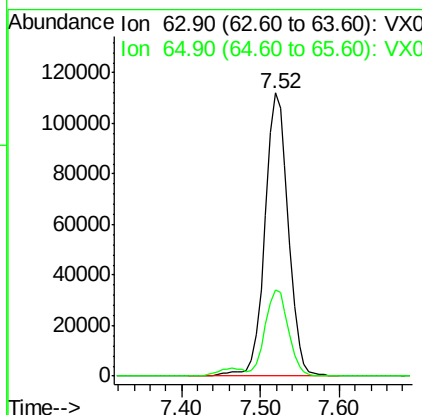
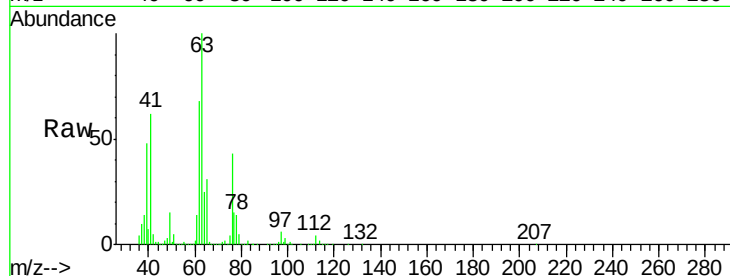
#45
 1,2-Dichloropropane
 Concen: 47.391 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.1	36.1

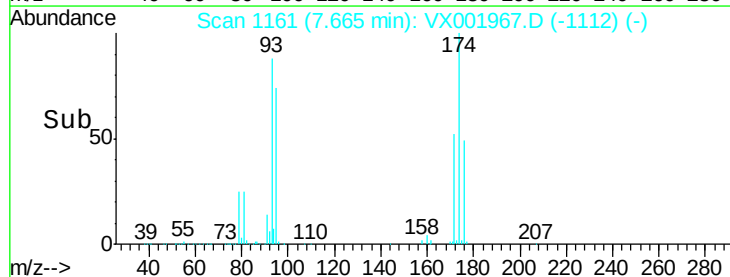
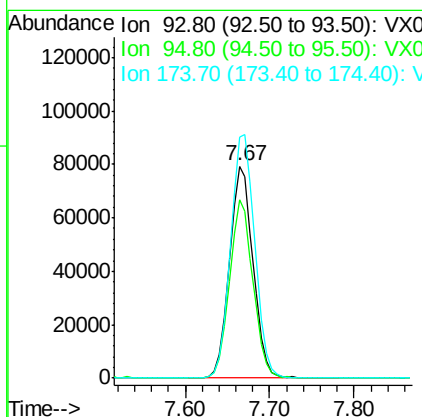
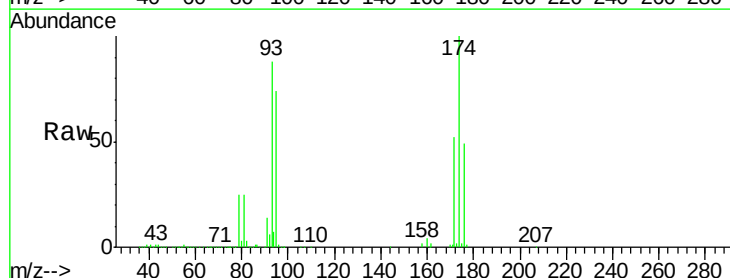
Manual Integrations
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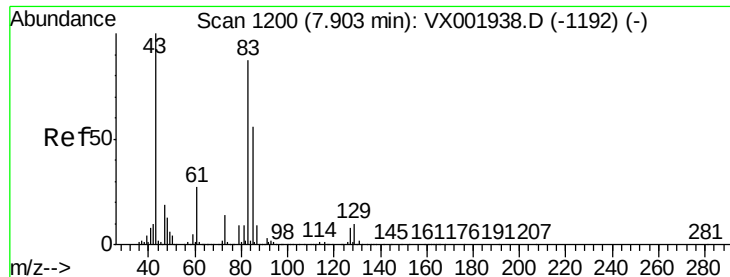
MMDadoda
 5/29/2018 4:39:19 PM



#46
 Dibromomethane
 Concen: 46.640 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.1	99.1
174	117.5	92.5	138.7





#47

Bromodichloromethane

Concen: 46.055 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

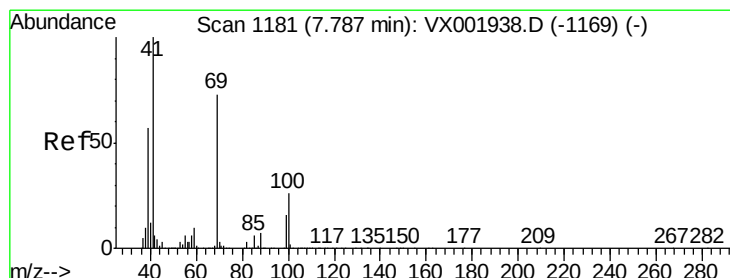
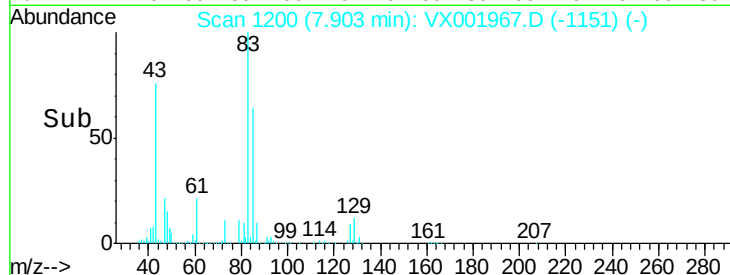
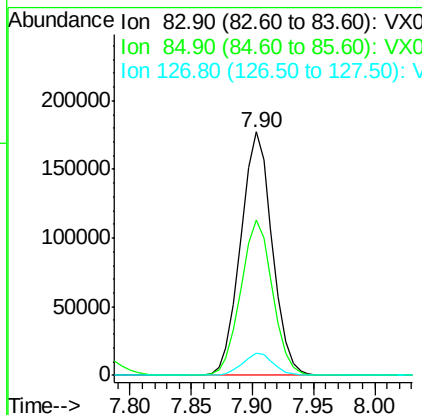
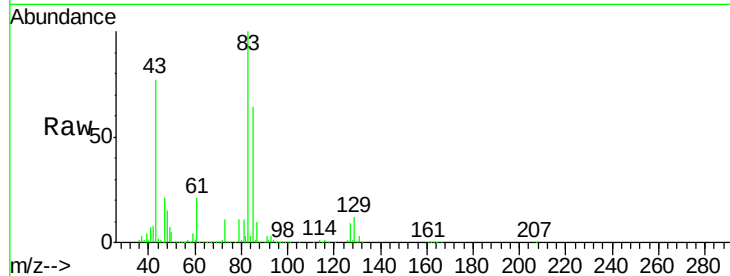
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	316411
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.4	77.2
127	9.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.583 ug/l

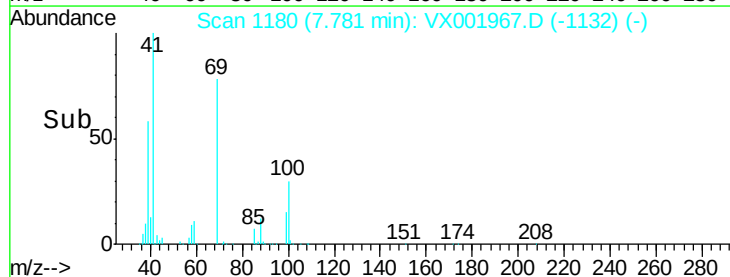
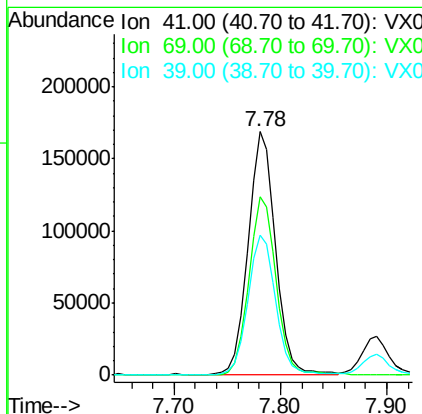
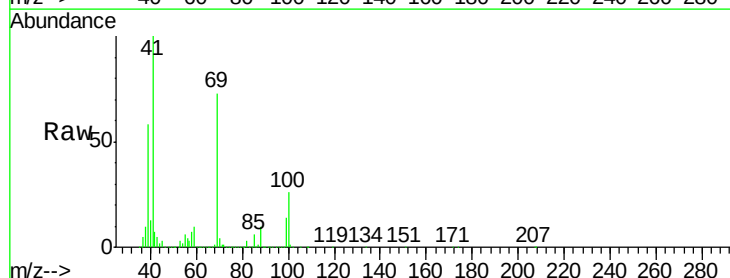
RT: 7.78 min Scan# 1180

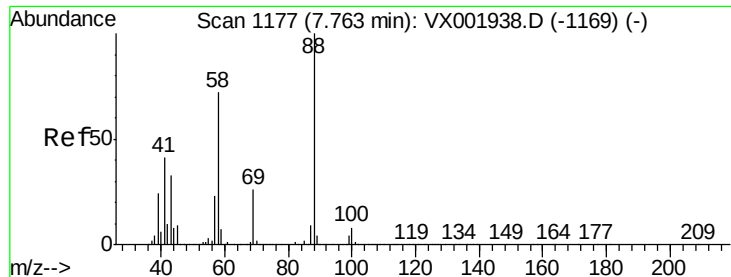
Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion:	41	Resp:	301504
Ion Ratio	Lower	Upper	
41	100		
69	73.8	58.6	87.8
39	58.4	46.3	69.5





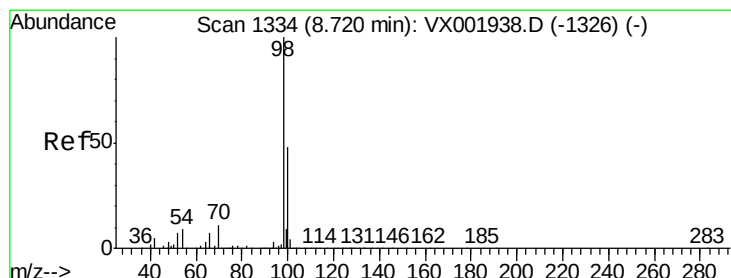
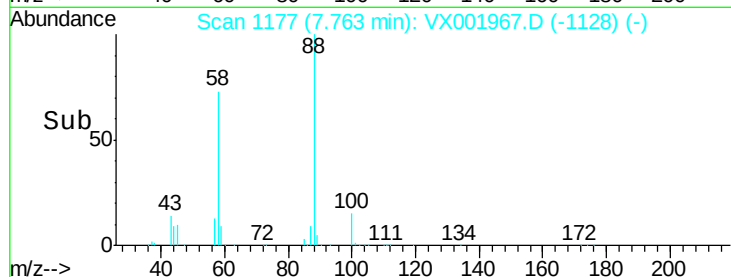
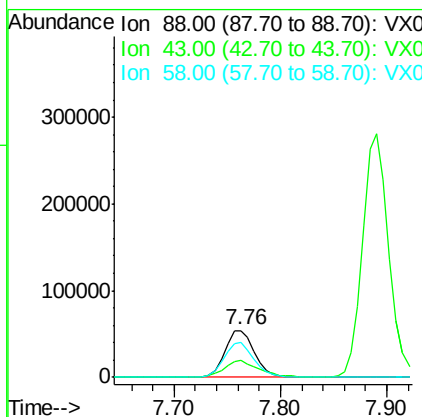
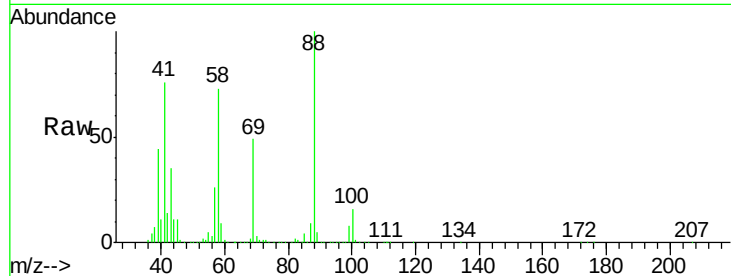
#49
1,4-Dioxane
Concen: 889.680 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	29.8	44.8
58	74.1	58.7	88.1

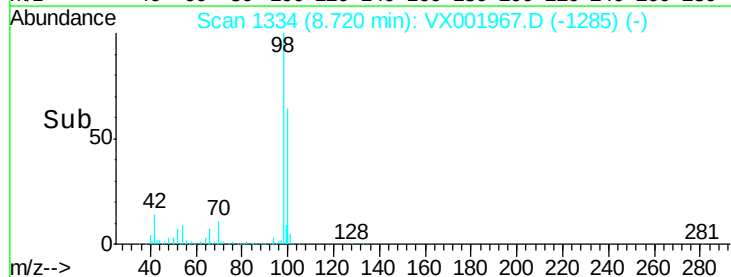
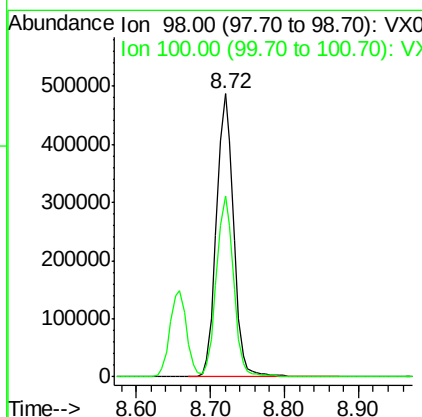
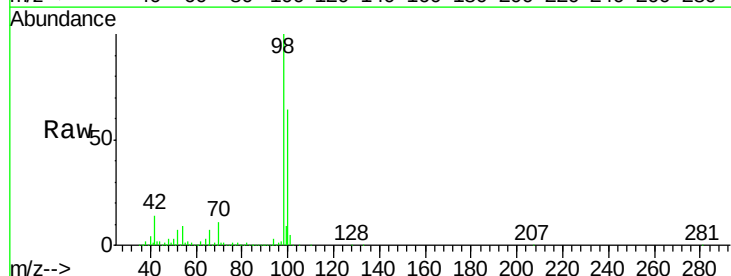
Manual Integrations
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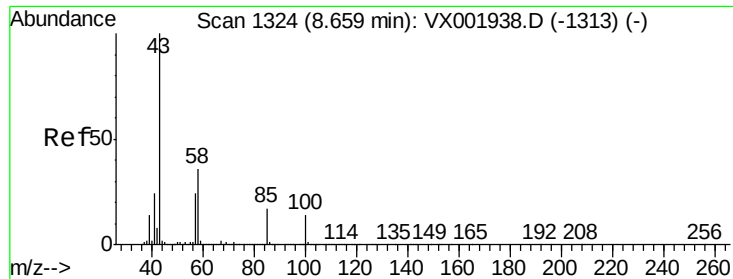
MMDadoda
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#50
Toluene-d8
Concen: 48.377 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3





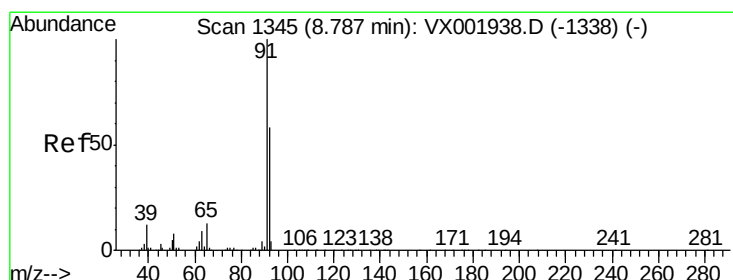
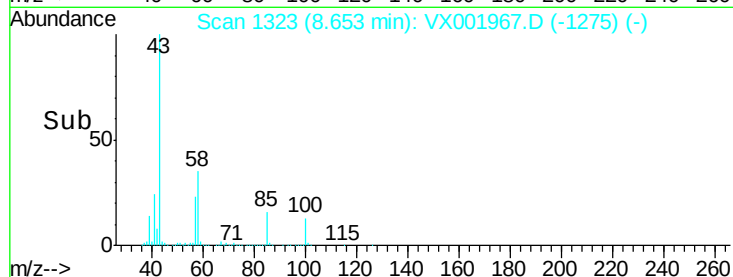
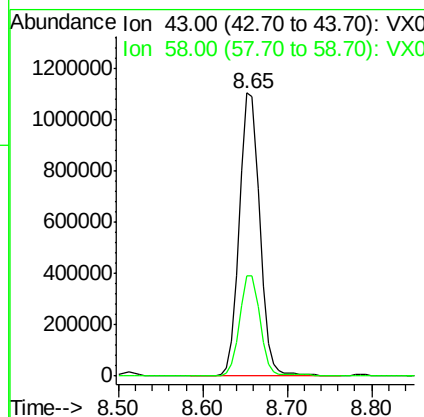
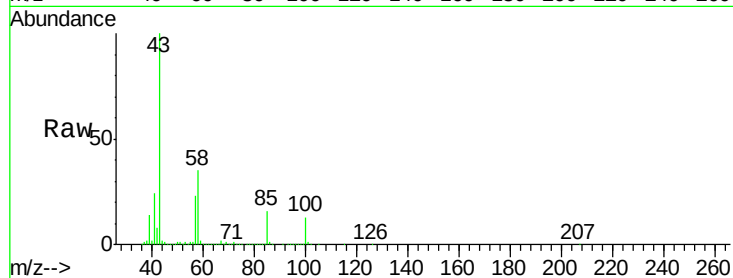
#51
4-Methyl-2-Pentanone
Concen: 223.464 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1789918
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7

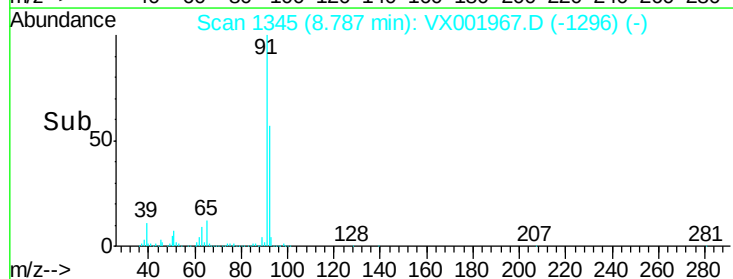
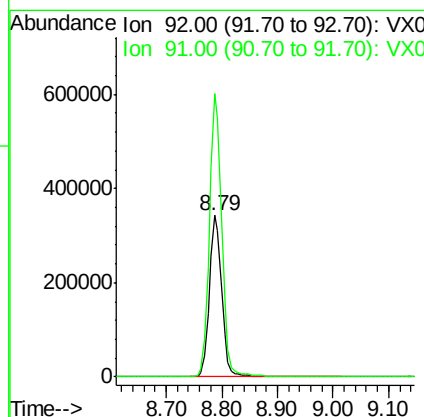
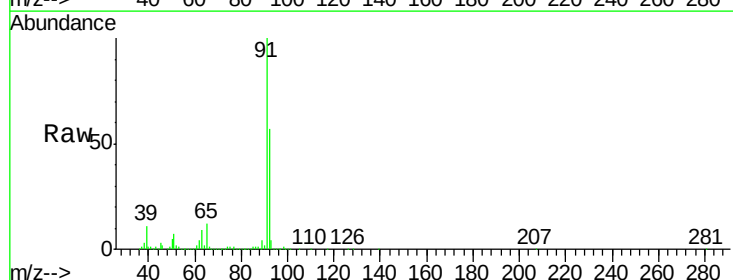
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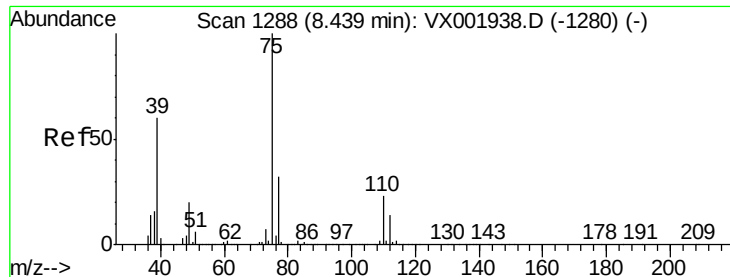
MMDadoda
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#52
Toluene
Concen: 47.177 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion: 92 Resp: 538041
Ion Ratio Lower Upper
92 100
91 175.5 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 47.671 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 377218

Ion Ratio Lower Upper

75 100

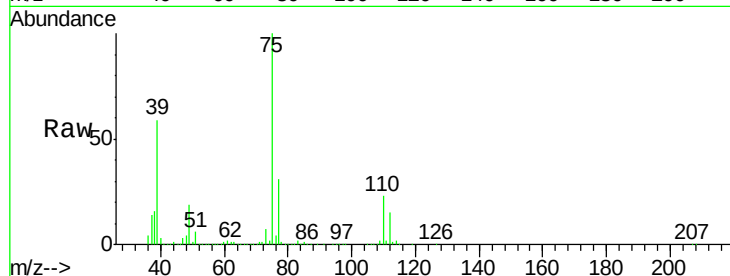
77 30.8 25.5 38.3

Manual Integrations

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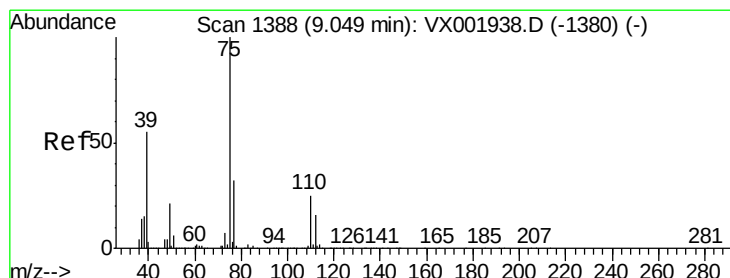
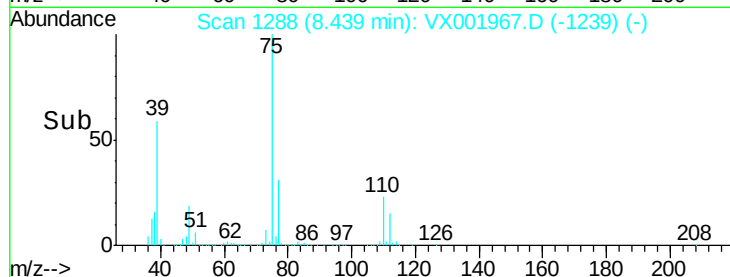
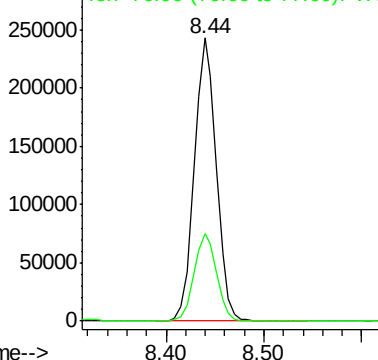
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.406 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

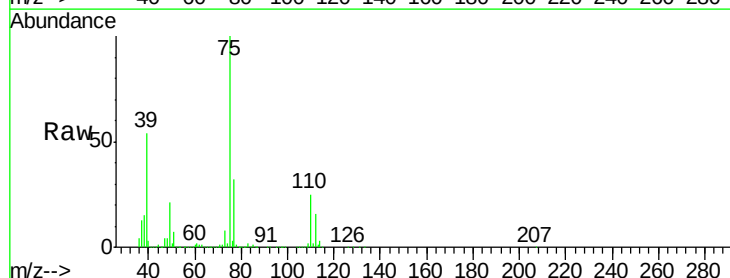
Tgt Ion: 75 Resp: 365526

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

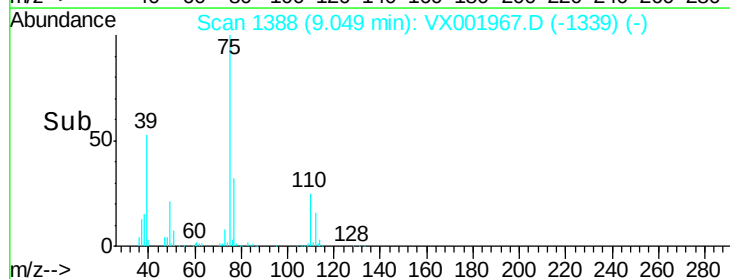
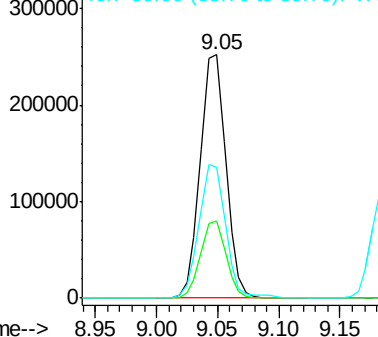
39 53.5 44.1 66.1

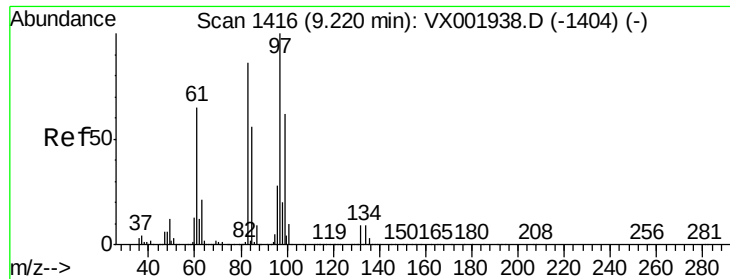


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 45.988 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

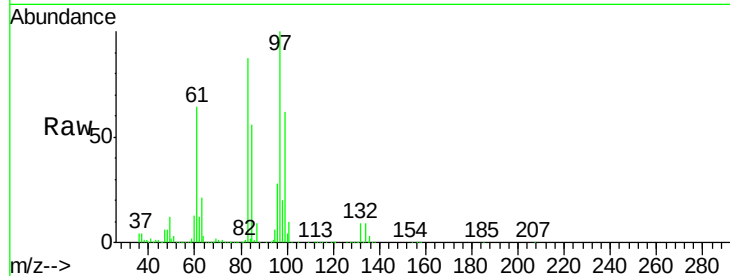
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	219099
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.1	103.7
85	55.5	45.2	67.8
99	62.4	49.6	74.4

Manual Integrations
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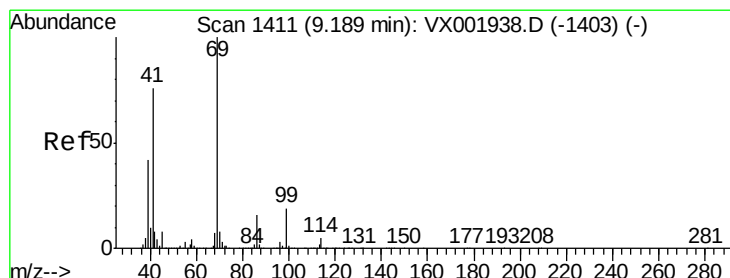
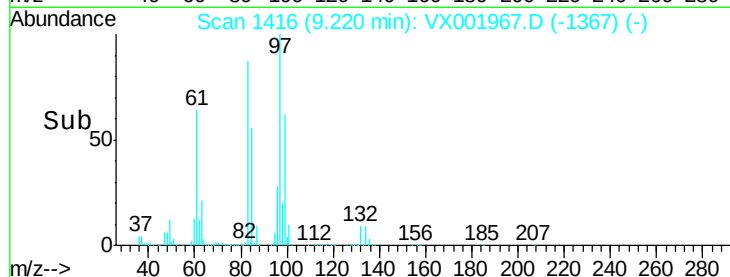
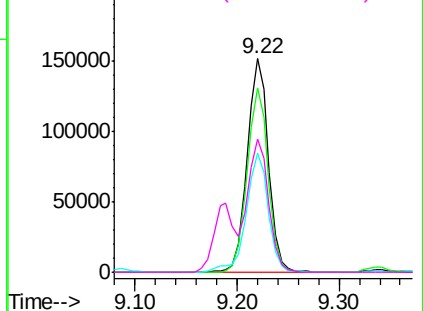


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 45.126 ug/l

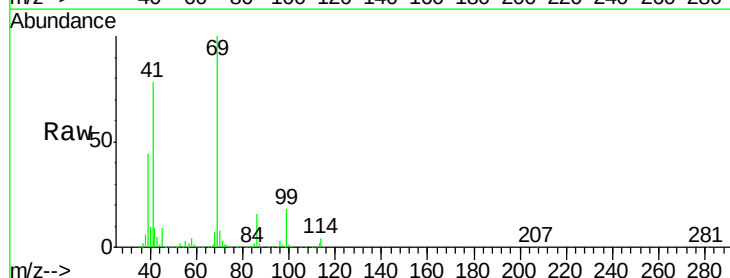
RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

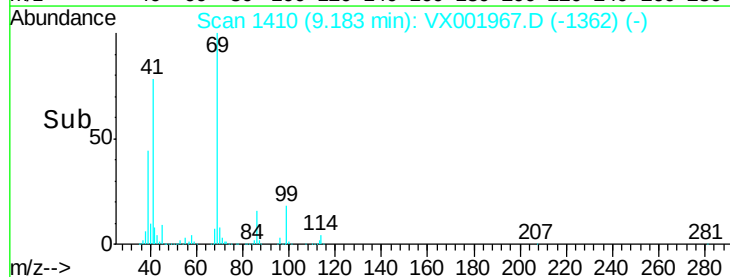
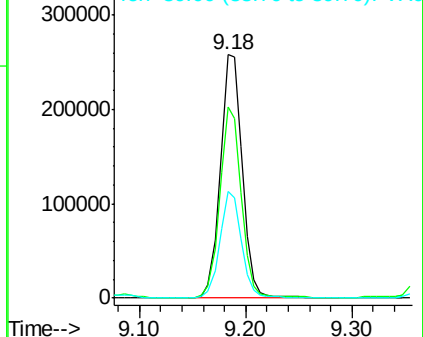
Tgt Ion:	69	Resp:	369801
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.0	91.6
39	42.5	34.4	51.6

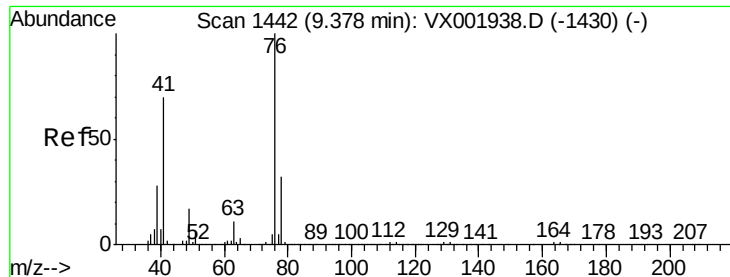


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





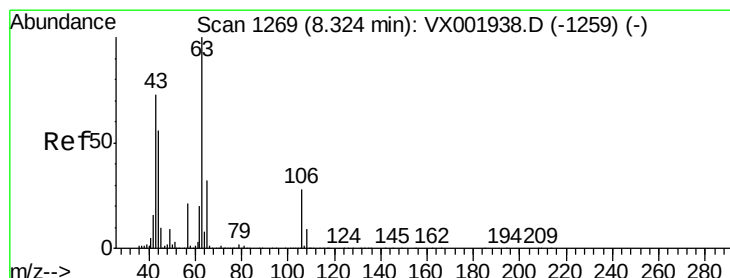
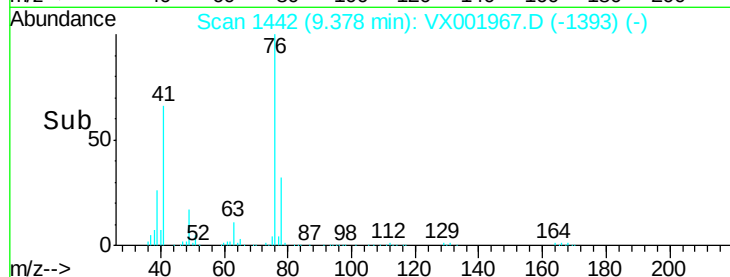
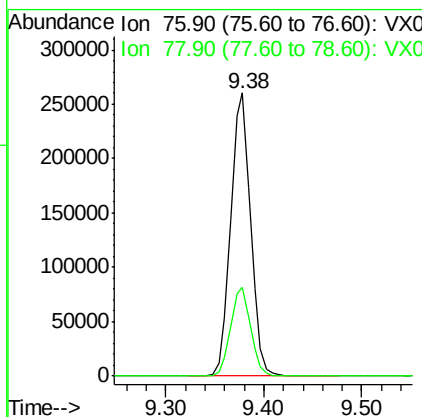
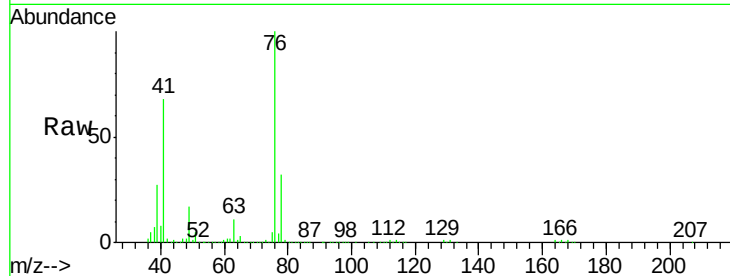
#57
 1,3-Dichloropropane
 Concen: 46.760 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.6	38.4

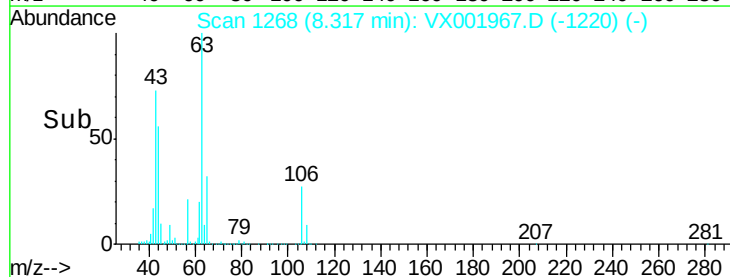
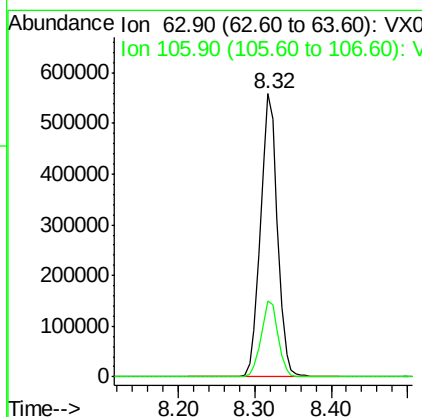
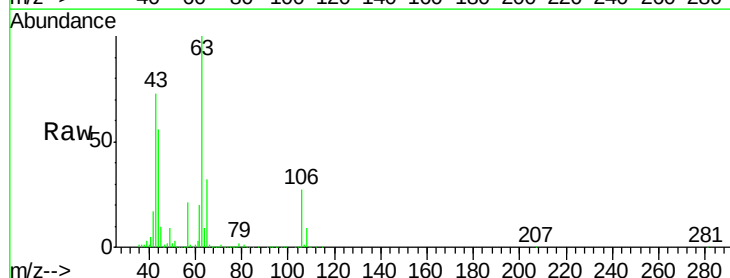
Manual Integrations
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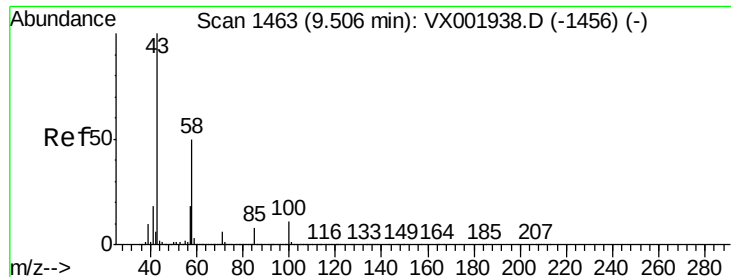
MMDadoda
 5/29/2018 4:39:19 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.957 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.7	32.5





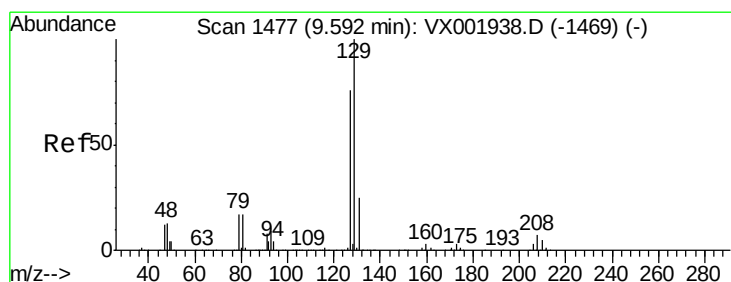
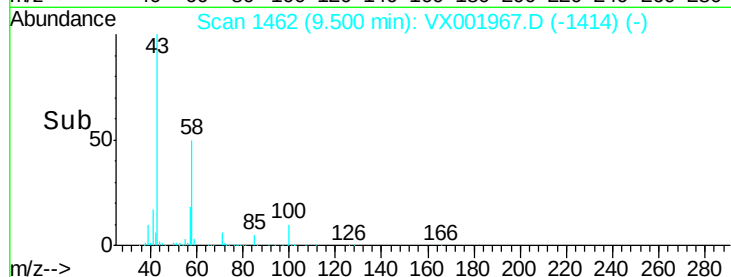
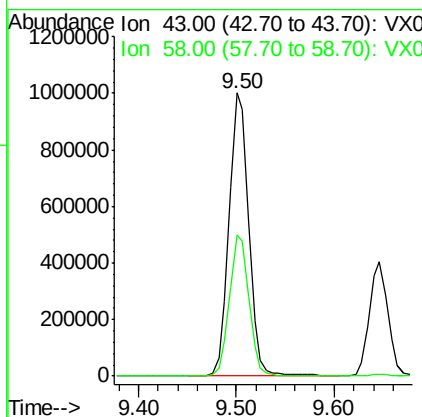
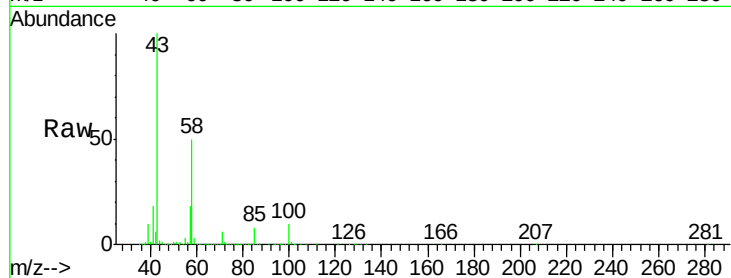
#59
2-Hexanone
Concen: 225.833 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1394777
Ion Ratio Lower Upper
43 100
58 49.9 24.9 74.6

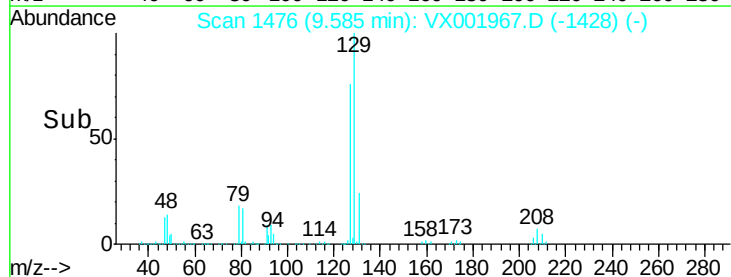
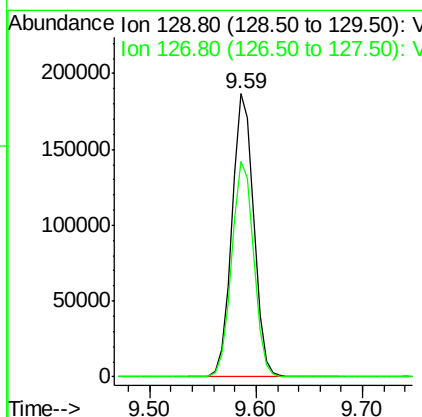
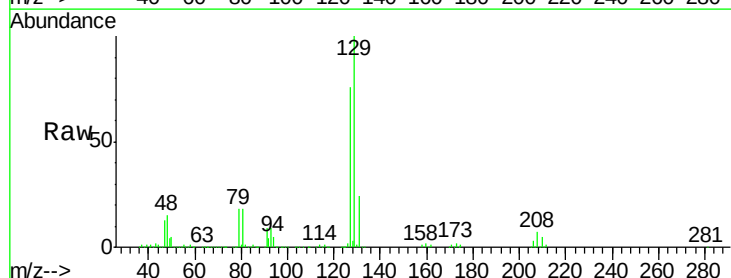
Manual Integrations
APPROVED

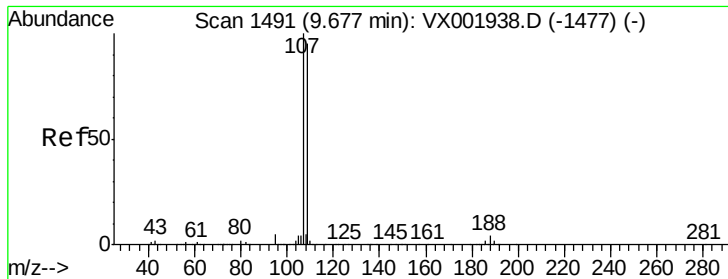
MMDadoda
5/29/2018 4:39:19 PM



#60
Dibromochloromethane
Concen: 47.656 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion: 129 Resp: 268927
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 47.129 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 235606

Ion Ratio Lower Upper

107 100

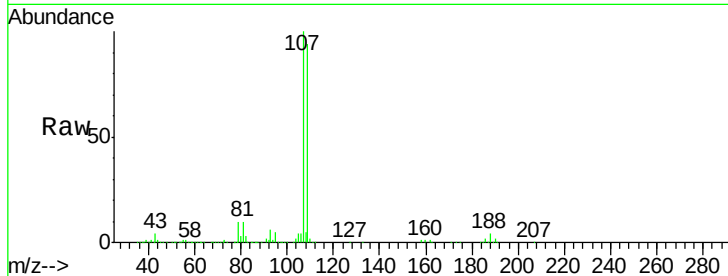
109 93.1 75.3 112.9

Manual Integrations

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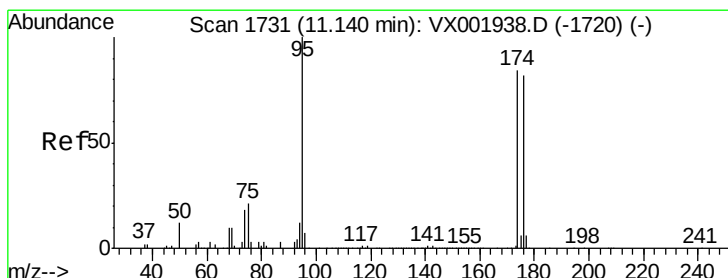
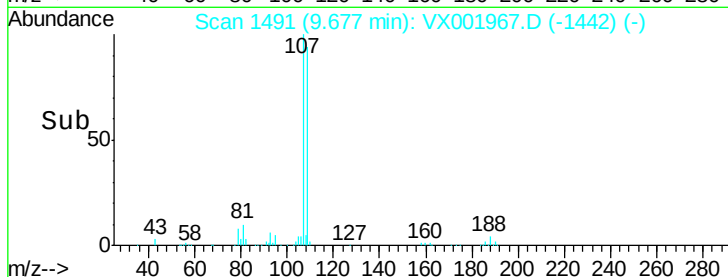
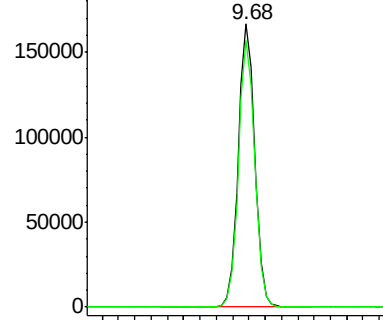
MMDadoda

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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: 49.833 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

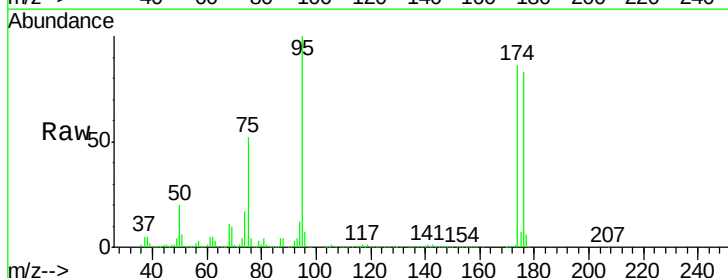
Tgt Ion: 95 Resp: 310416

Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.8

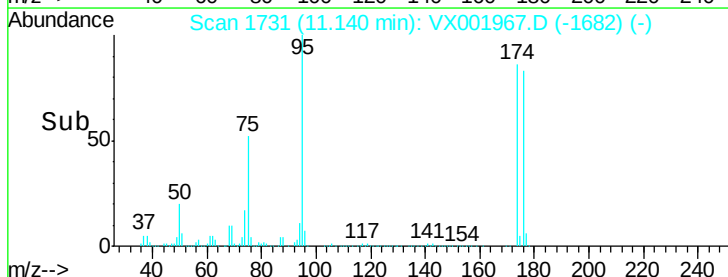
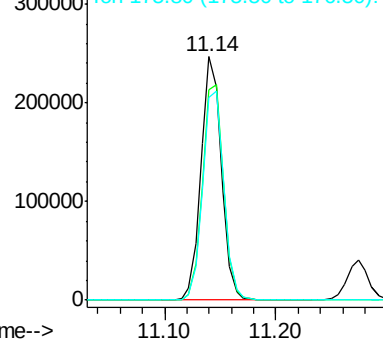
176 89.6 0.0 175.6

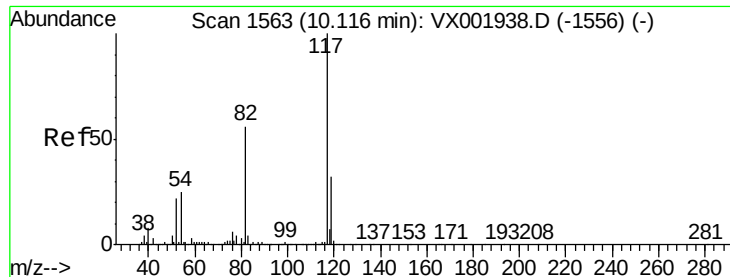


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





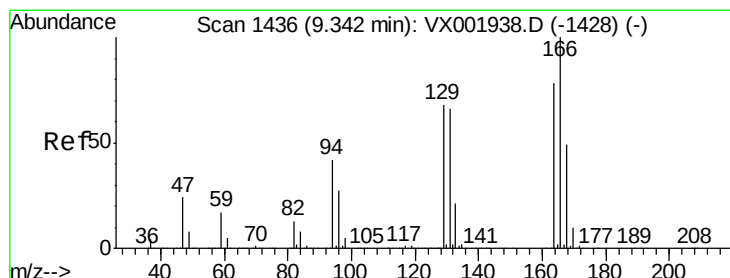
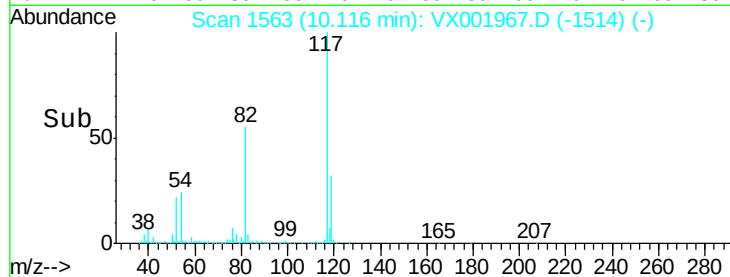
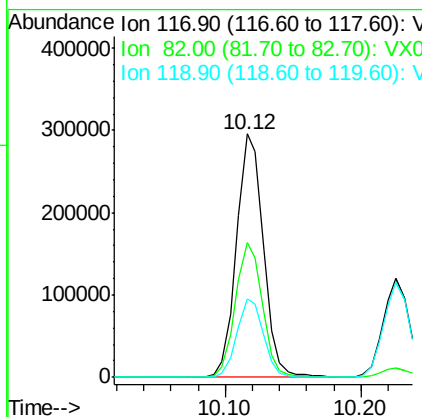
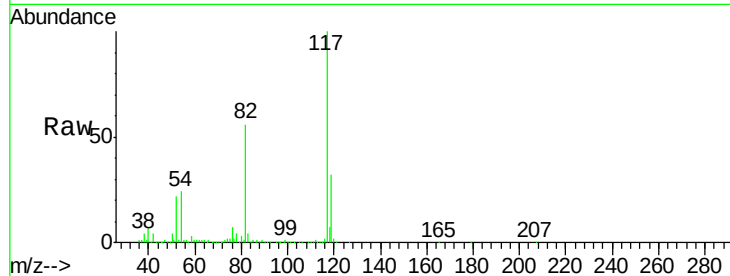
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	406995		
82	55.5	44.8	67.2	
119	32.1	25.5	38.3	

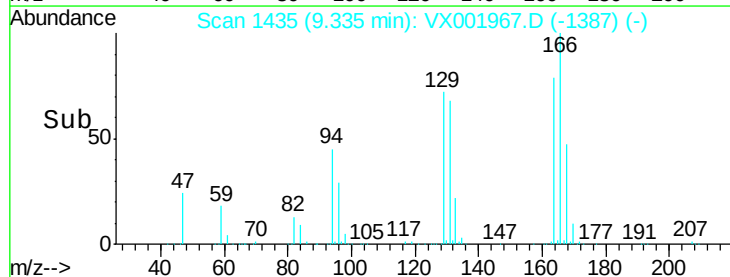
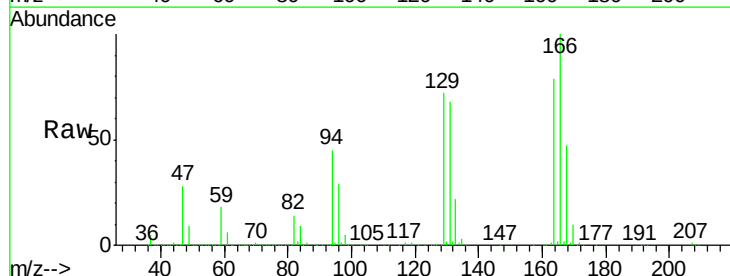
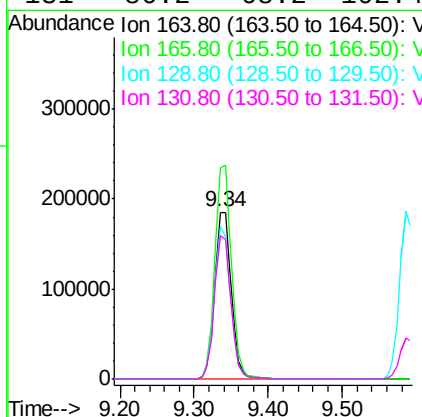
Manual Integrations
APPROVED

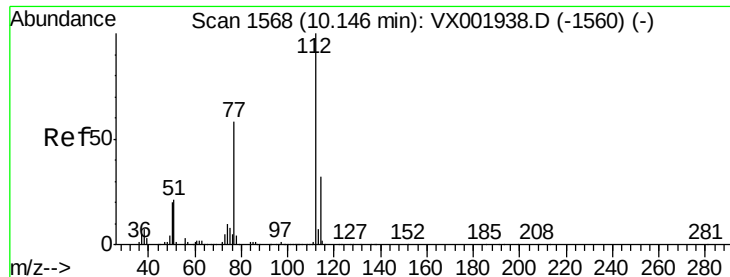
MMDadoda
5/29/2018 4:39:19 PM



#64
Tetrachloroethene
Concen: 48.466 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	282819		
166	126.5	102.7	154.1	
129	91.4	70.3	105.5	
131	86.2	68.2	102.4	





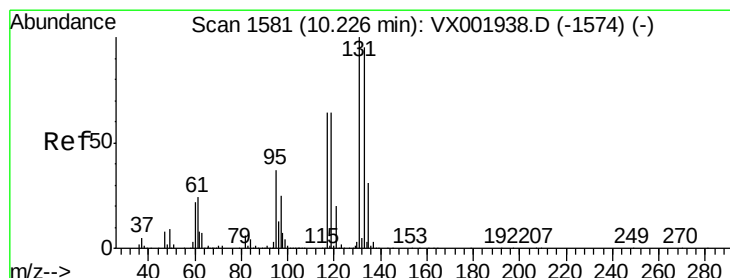
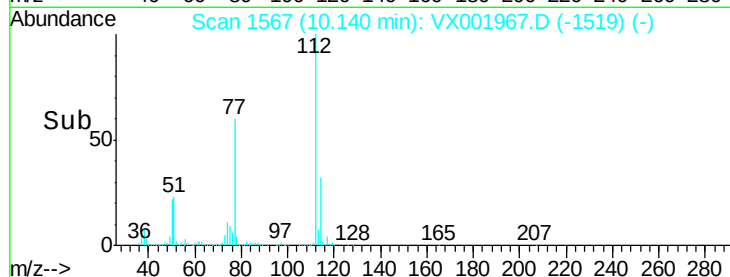
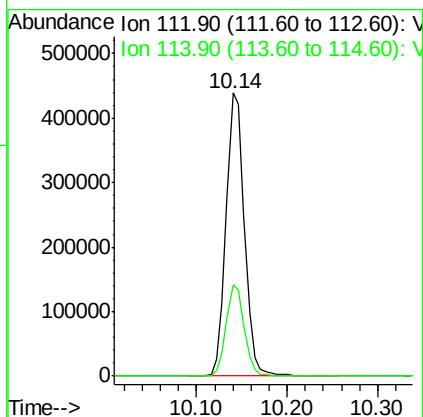
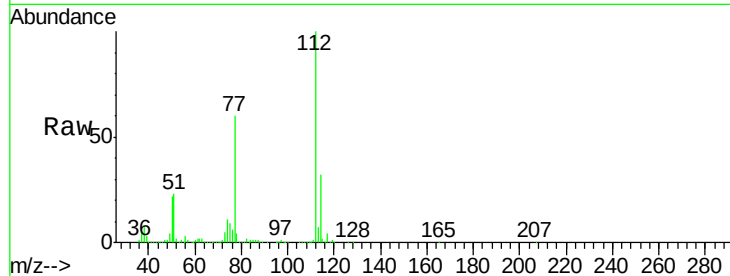
#65
Chlorobenzene
Concen: 47.911 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.9	38.9

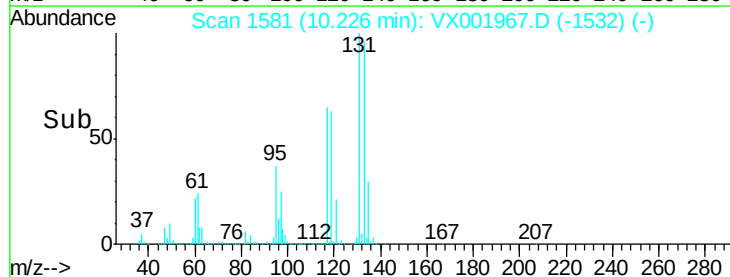
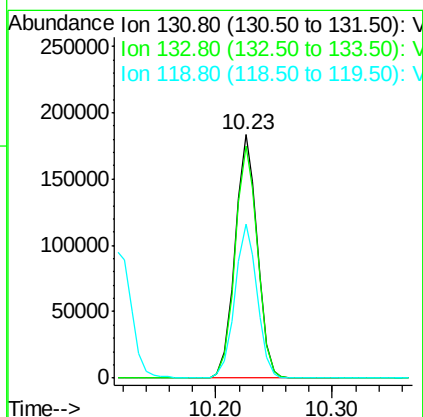
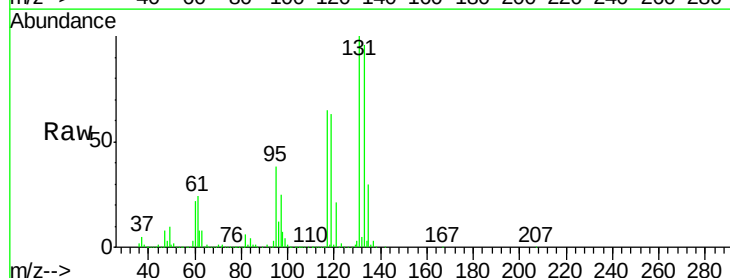
Manual Integrations
APPROVED

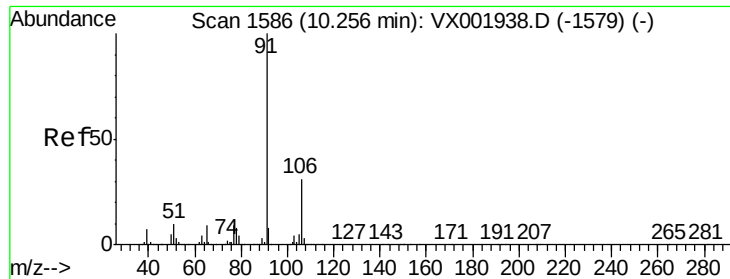
MMDadoda
5/29/2018 4:39:19 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 46.732 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.0	144.0
119	63.5	31.9	95.5





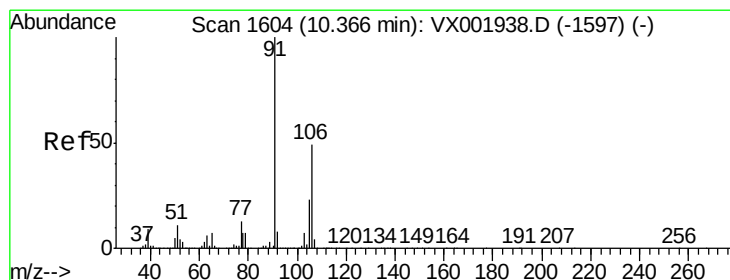
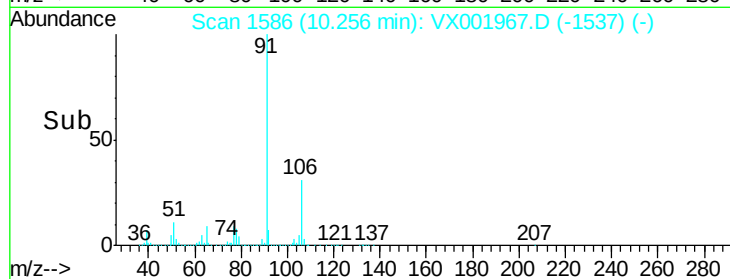
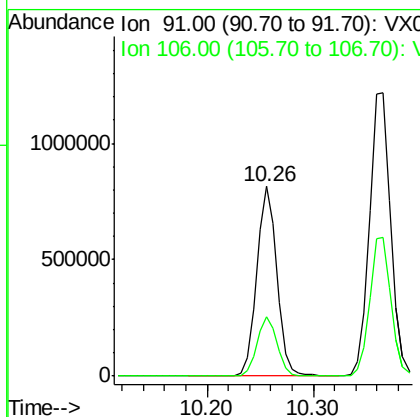
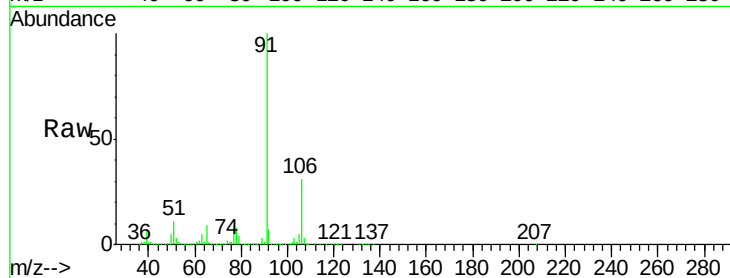
#67
Ethyl Benzene
Concen: 48.291 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1081896
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

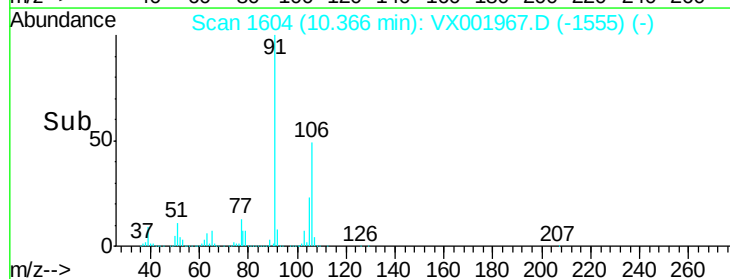
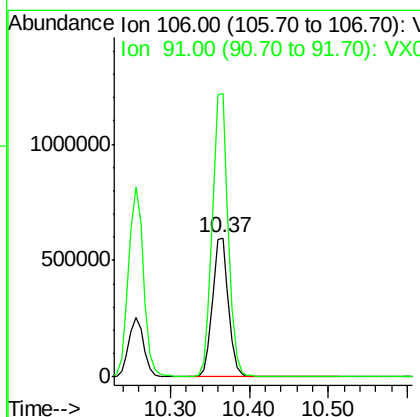
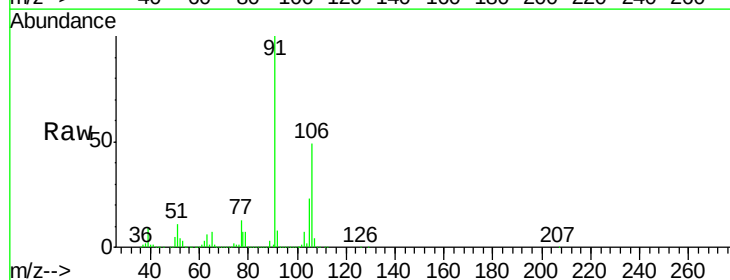
Manual Integrations
APPROVED

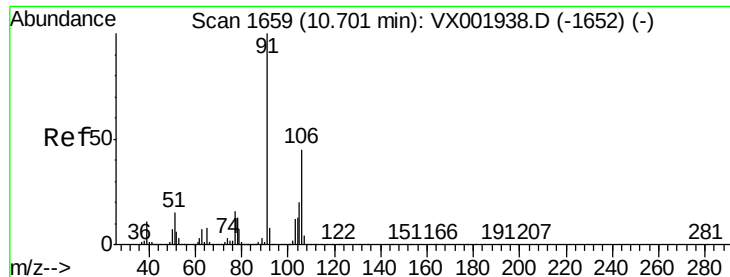
MMDadoda
5/29/2018 4:39:19 PM



#68
m/p-Xylenes
Concen: 97.782 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion: 106 Resp: 837416
Ion Ratio Lower Upper
106 100
91 204.1 165.0 247.6





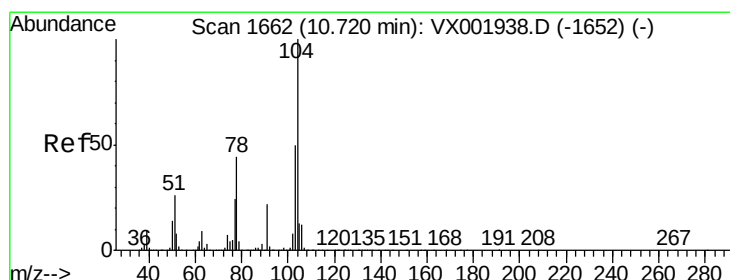
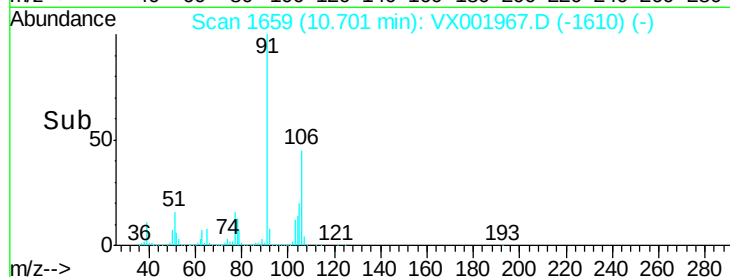
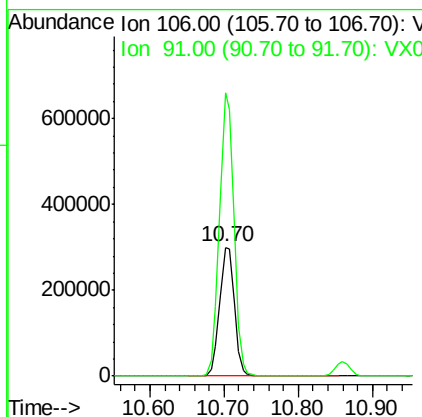
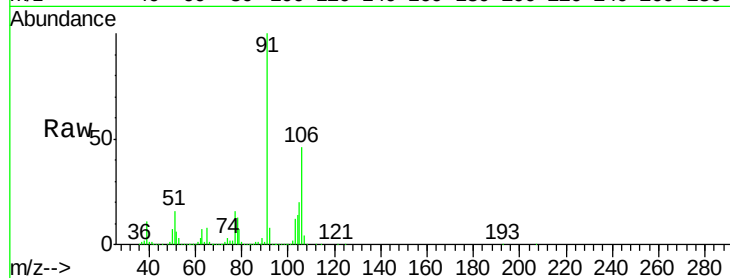
#69
o-Xylene
Concen: 48.033 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.2	108.7	325.9

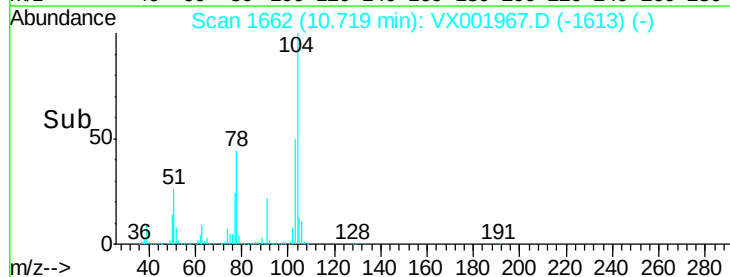
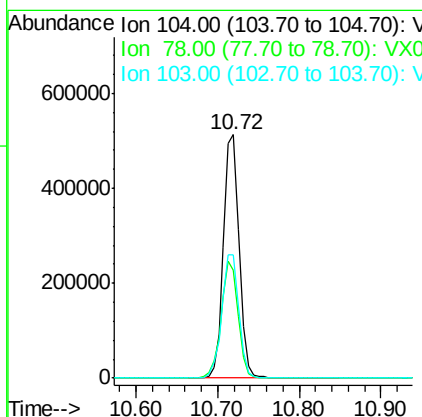
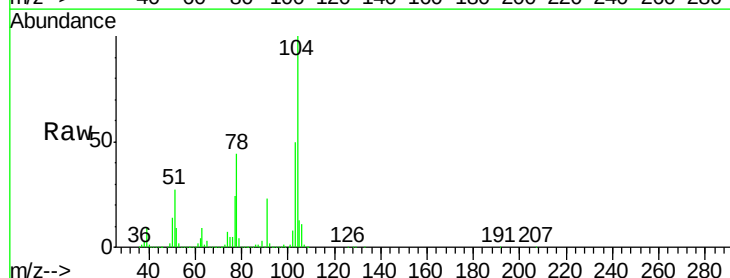
Manual Integrations
APPROVED

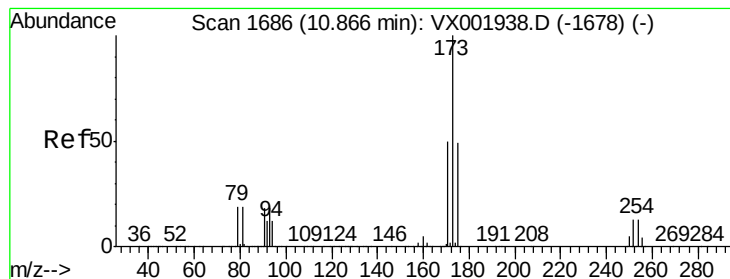
MMDadoda
5/29/2018 4:39:19 PM



#70
Styrene
Concen: 48.362 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.8	62.6
103	55.6	44.6	67.0





#71

Bromoform

Concen: 47.534 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 234687

Ion Ratio Lower Upper

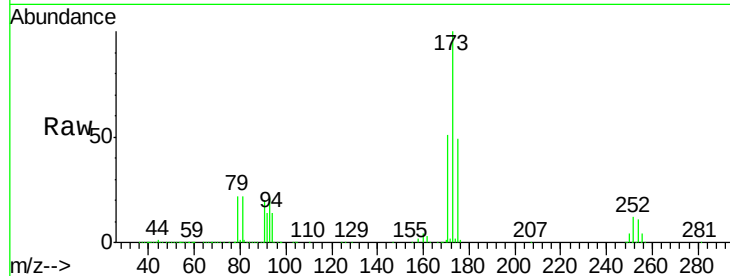
173 100

175 48.4 24.3 72.9

254 0.2 0.1 0.1#

Manual Integrations
APPROVED

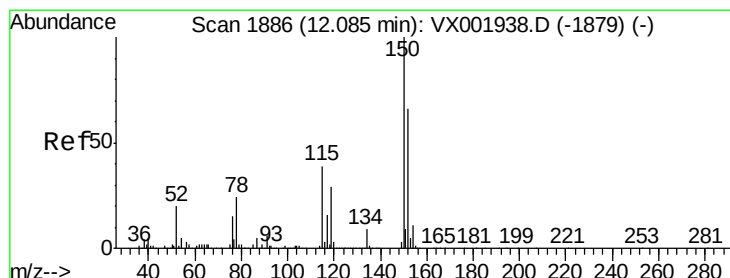
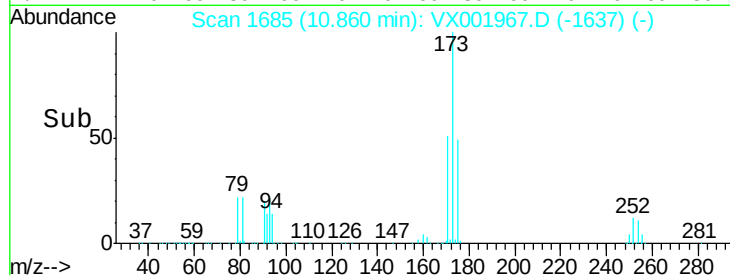
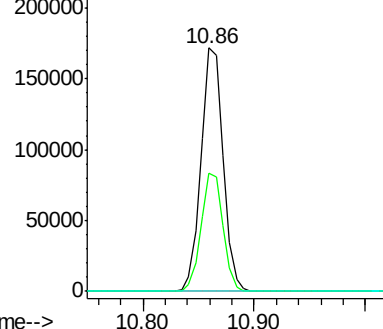
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion:152 Resp: 289081

Ion Ratio Lower Upper

152 100

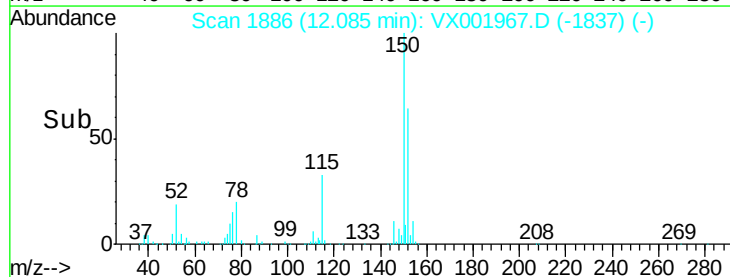
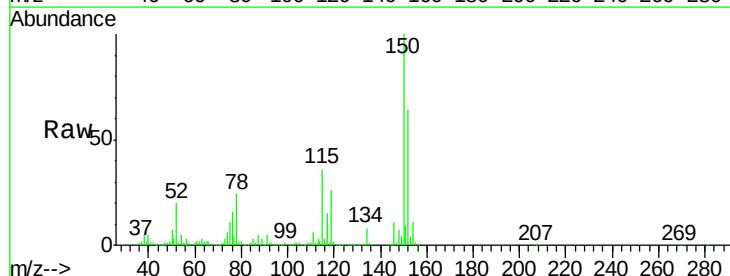
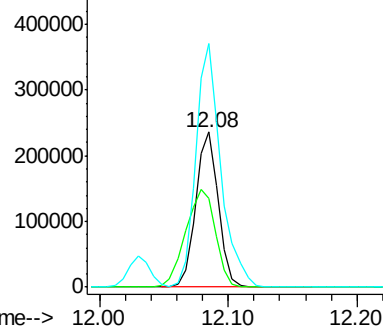
115 83.7 42.3 126.8

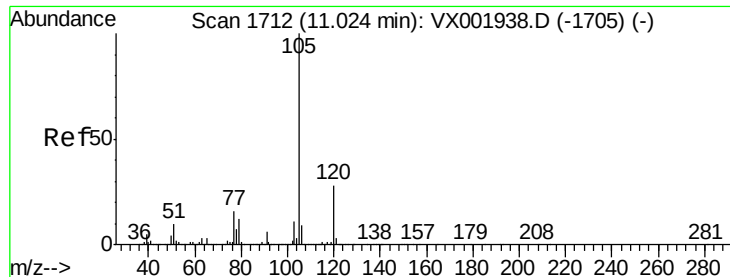
150 174.7 0.0 351.0

Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.725 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1119331

Ion Ratio Lower Upper

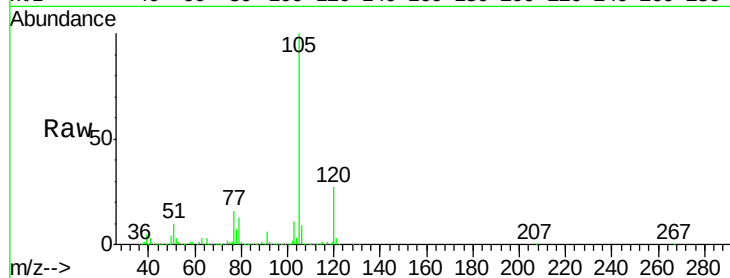
105 100

120 26.8 13.6 40.7

Manual Integrations
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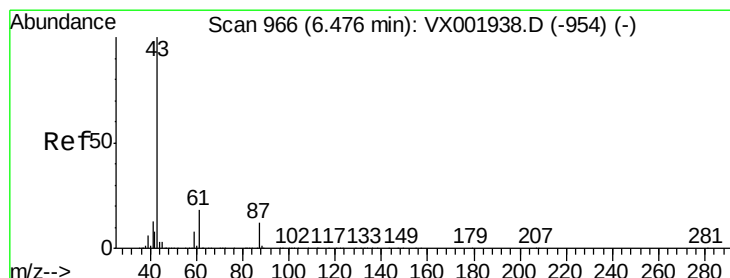
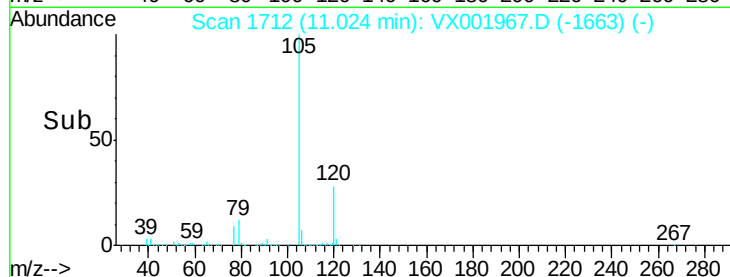
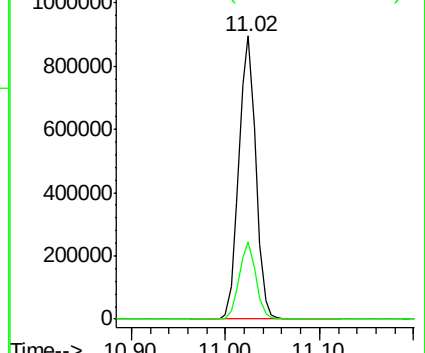
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.967 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion: 43 Resp: 598864

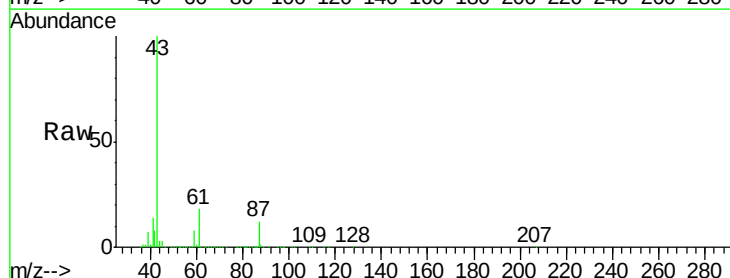
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 18.0 14.5 21.7

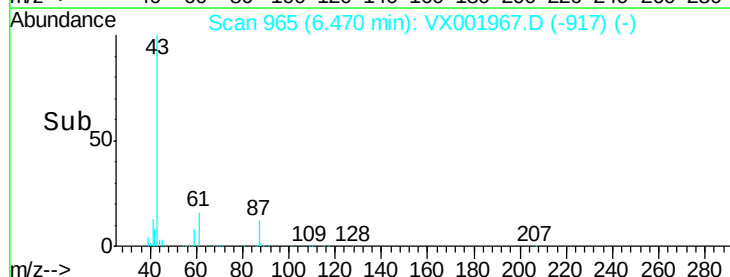
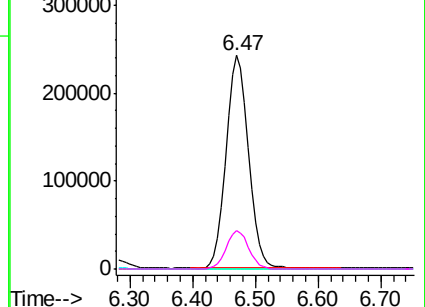


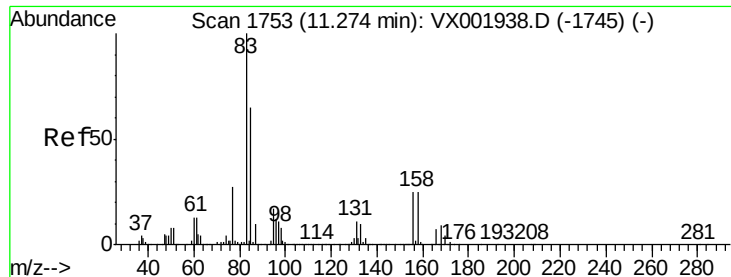
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.833 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 314090

Ion Ratio Lower Upper

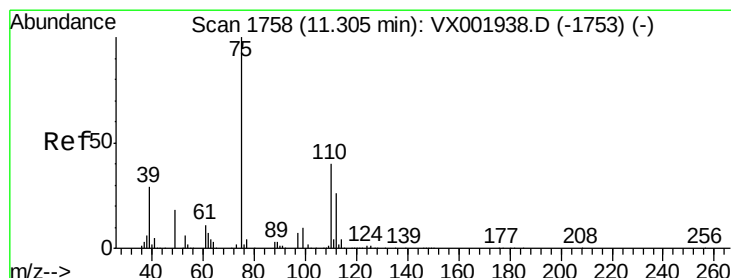
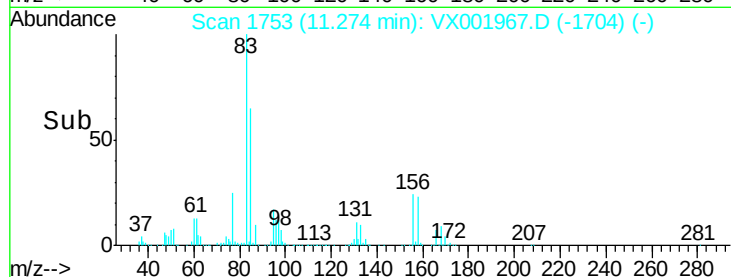
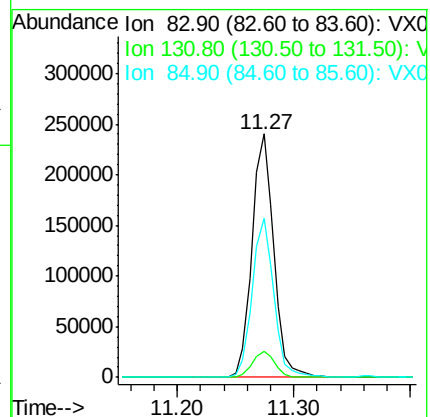
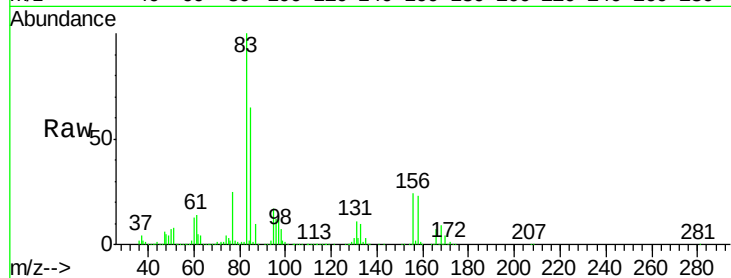
83 100

131 11.1 5.7 17.0

85 65.1 32.6 97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.079 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001967.D

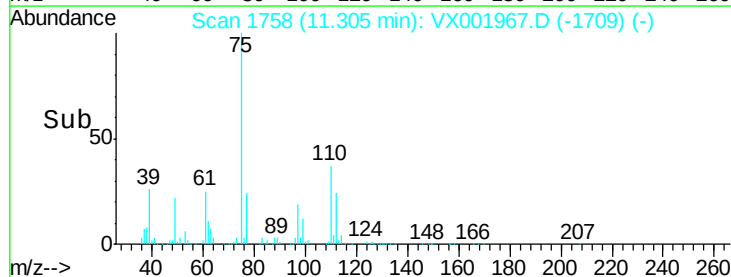
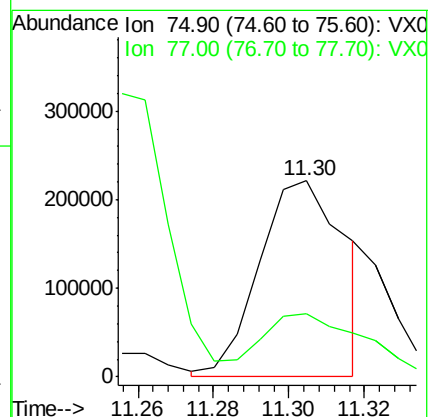
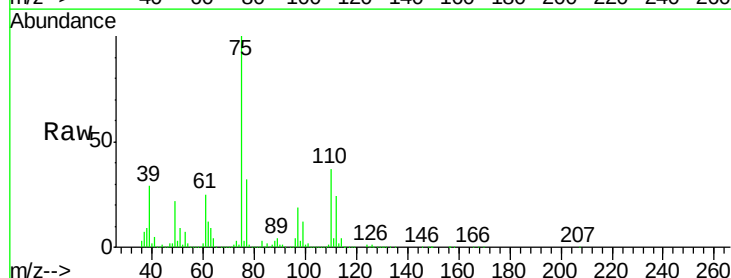
Acq: 25 May 2018 10:07

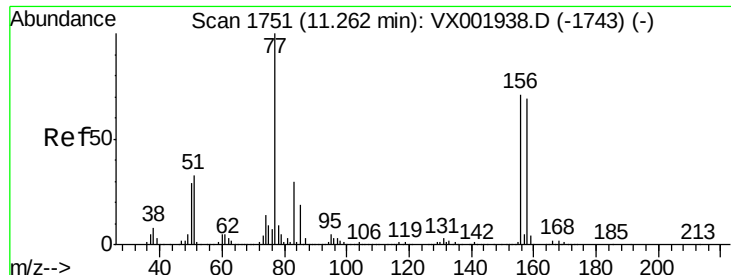
Tgt Ion: 75 Resp: 347727

Ion Ratio Lower Upper

75 100

77 39.7 22.8 68.3





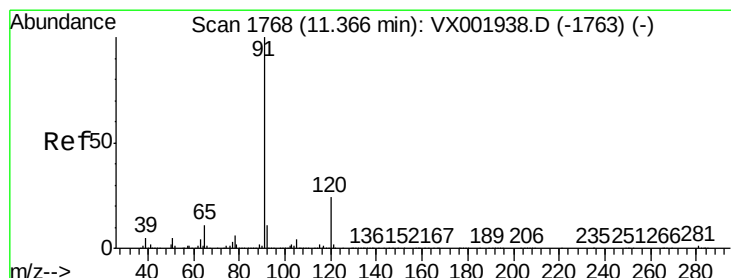
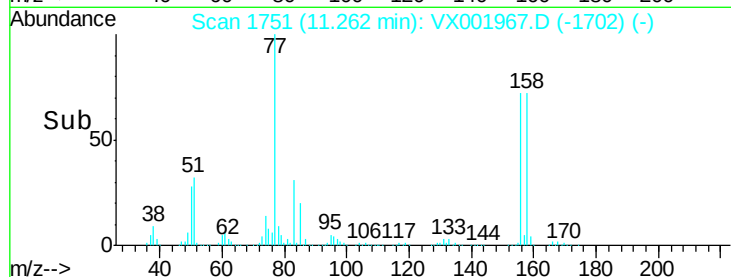
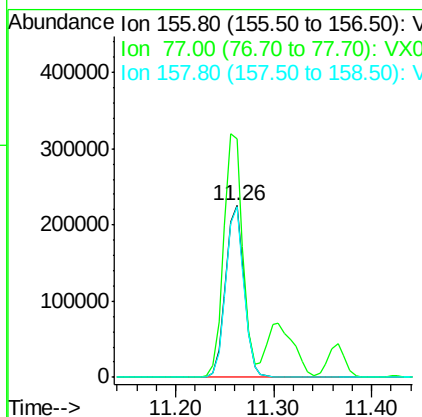
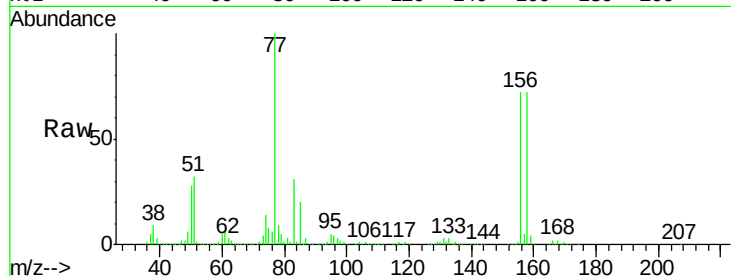
#77
Bromobenzene
Concen: 45.647 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.6	75.2	225.6
158	97.8	48.6	145.8

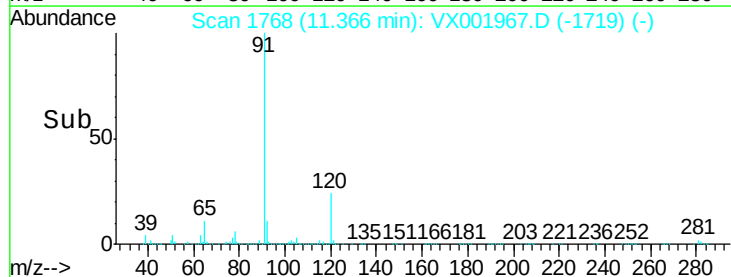
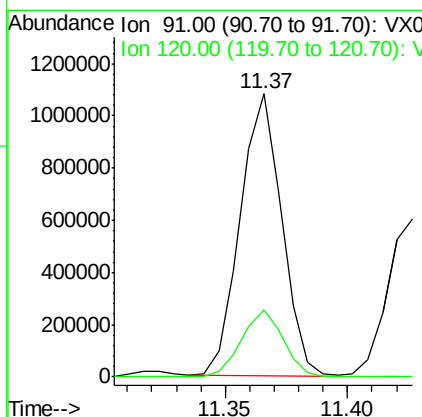
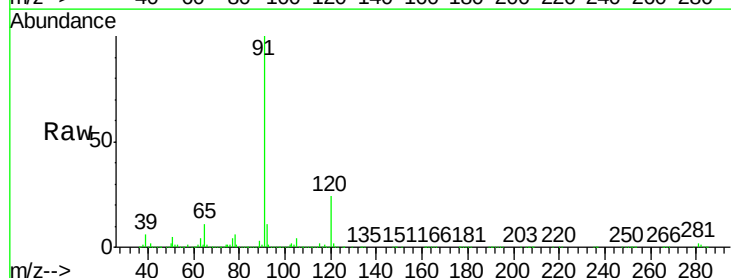
Manual Integrations
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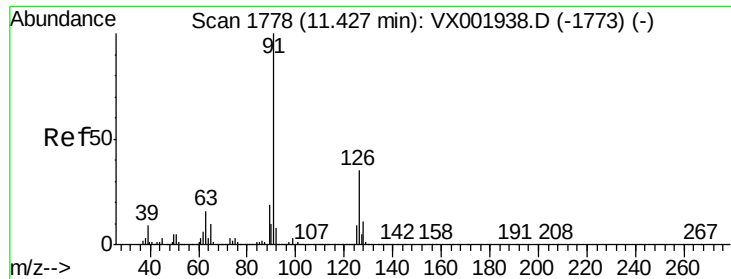
MMDadoda
5/29/2018 4:39:19 PM



#78
n-propylbenzene
Concen: 46.704 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.7





#79

2-Chlorotoluene

Concen: 50.332 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 756780

Ion Ratio Lower Upper

91 100

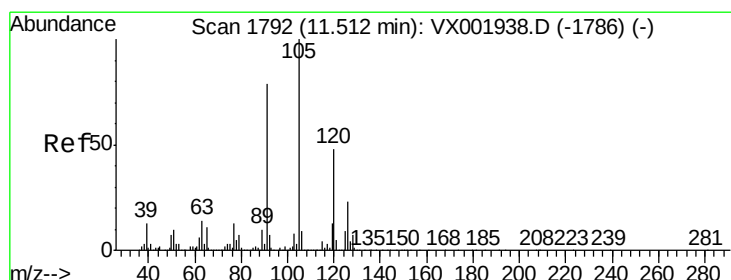
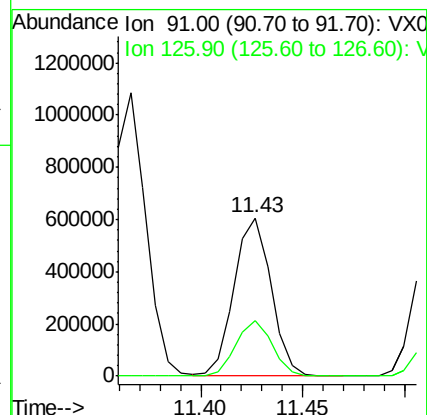
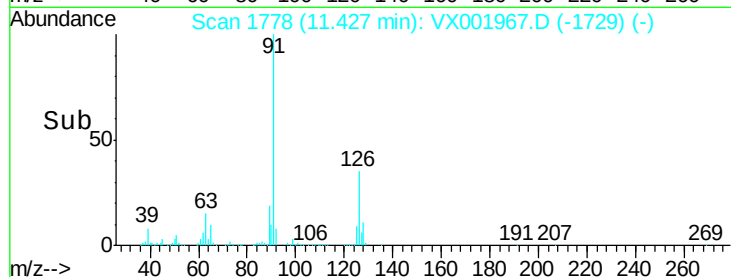
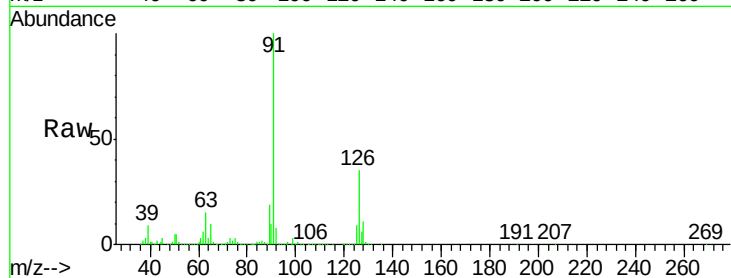
126 34.8 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 46.137 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001967.D

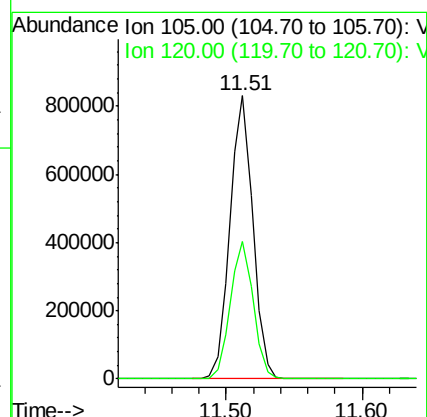
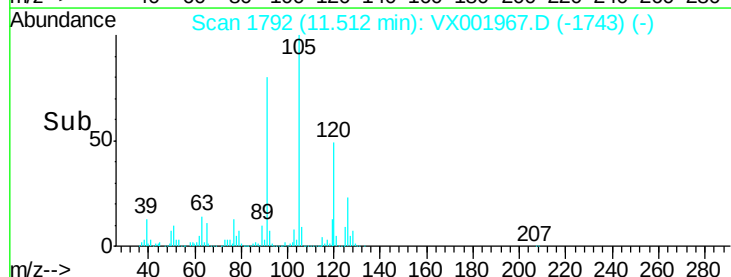
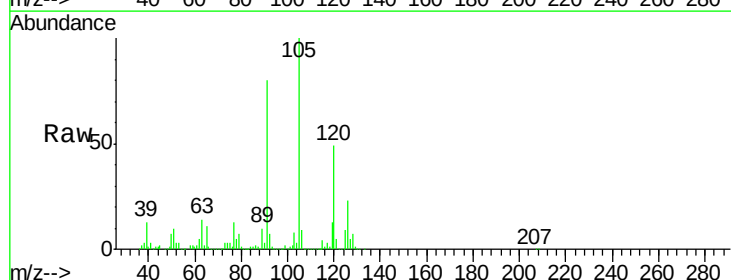
Acq: 25 May 2018 10:07

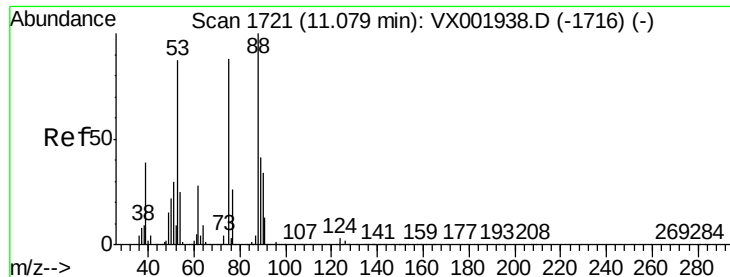
Tgt Ion: 105 Resp: 965195

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 42.336 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

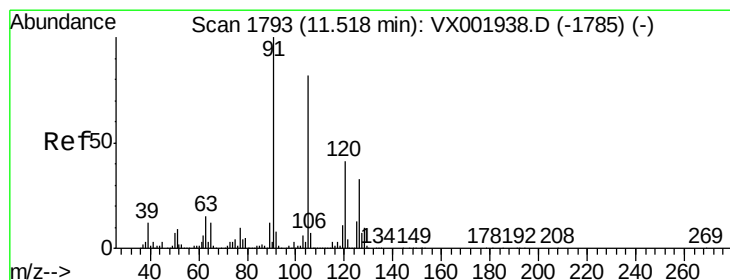
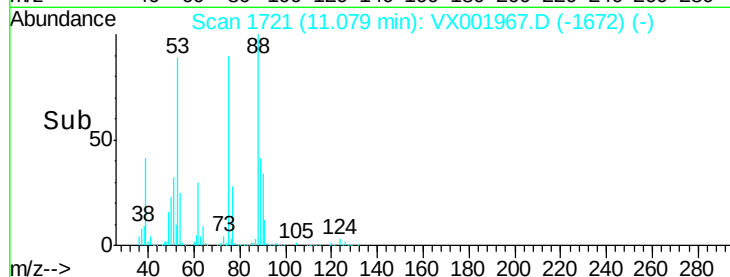
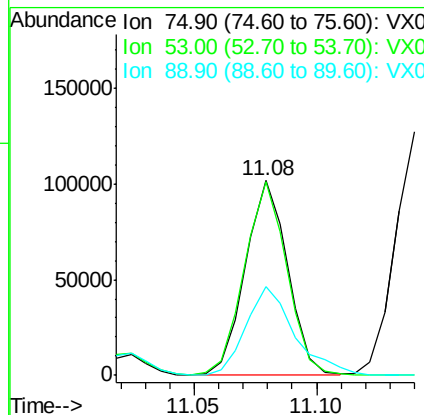
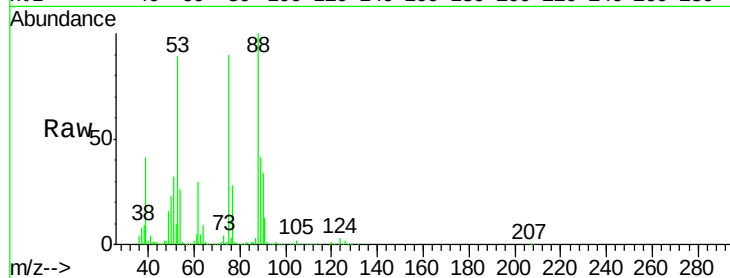
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	122311
Ion Ratio	Lower	Upper	
75	100		
53	99.6	78.0	117.0
89	53.2	39.4	59.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.480 ug/l

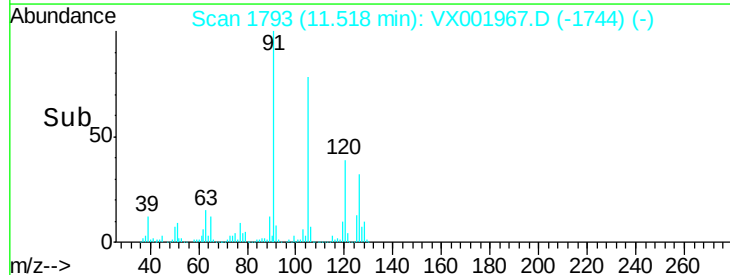
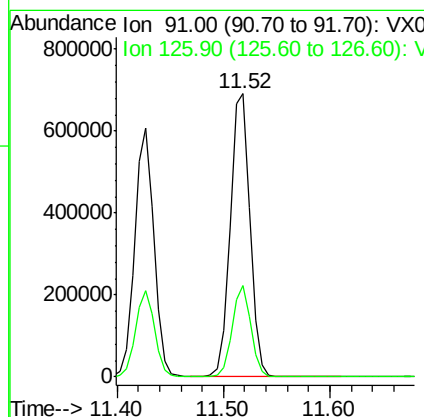
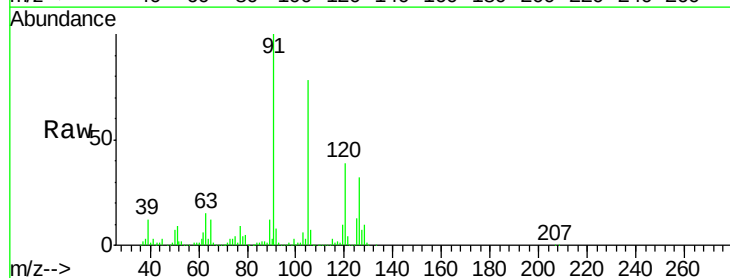
RT: 11.52 min Scan# 1793

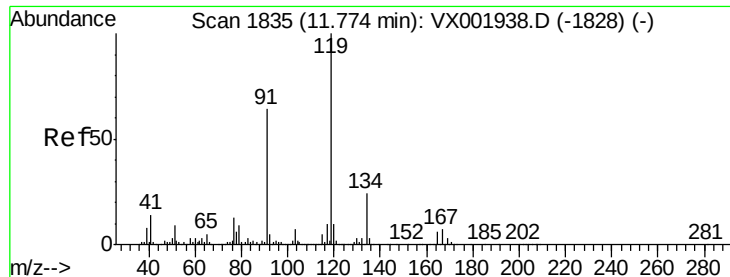
Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion:	91	Resp:	898800
Ion Ratio	Lower	Upper	
91	100		
126	30.4	15.3	45.8





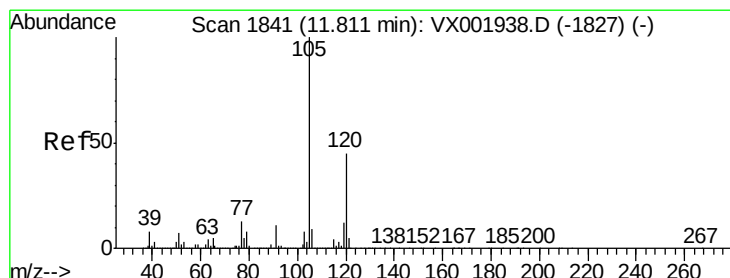
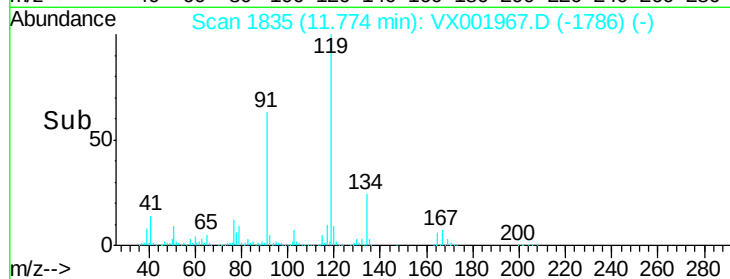
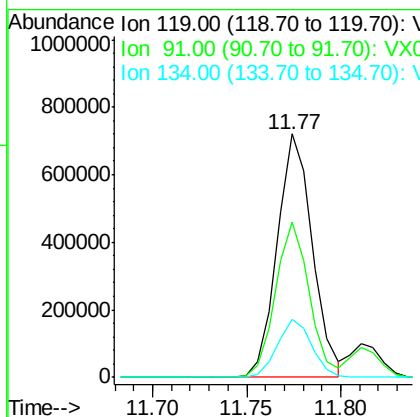
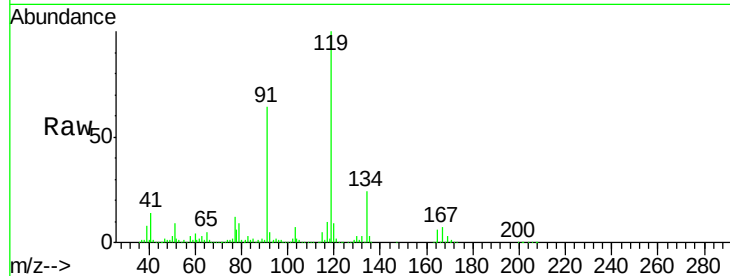
#83
 tert-Butylbenzene
 Concen: 45.471 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.6	91.8
134	23.3	11.7	35.0

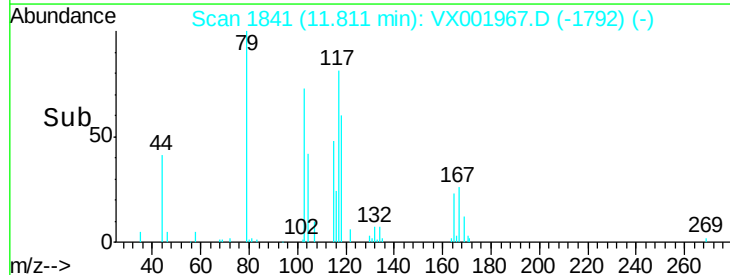
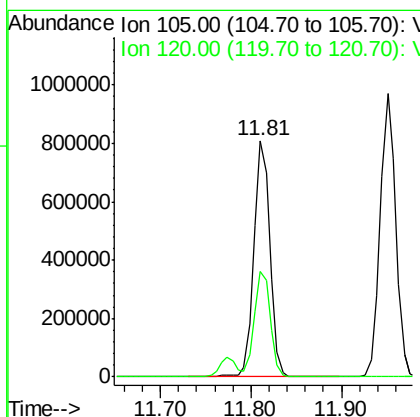
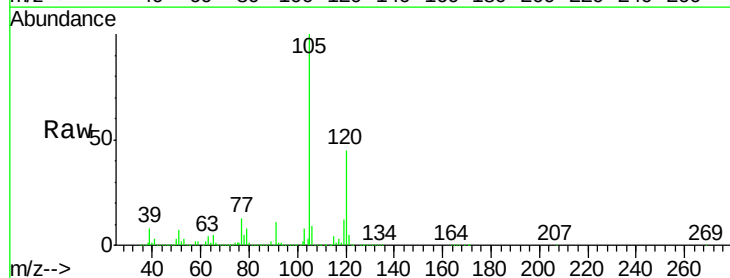
Manual Integrations
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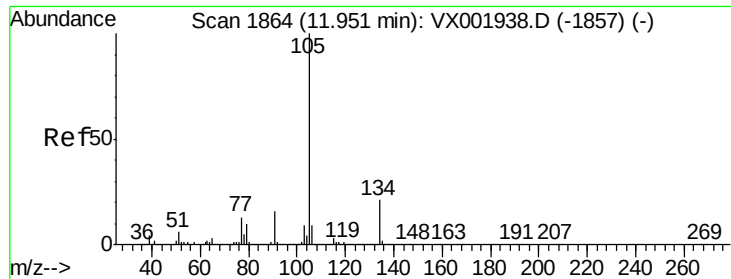
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.719 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.5





#85

sec-Butylbenzene

Concen: 46.827 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1155588

Ion Ratio Lower Upper

105 100

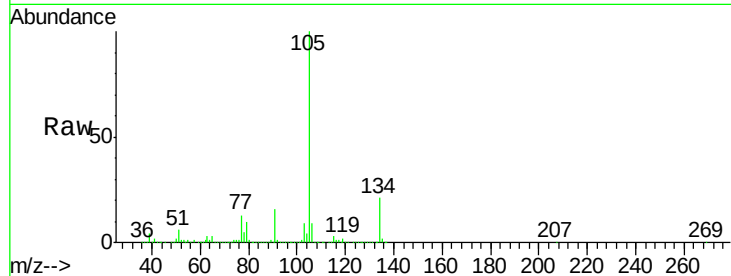
134 20.8 10.4 31.4

Manual Integrations

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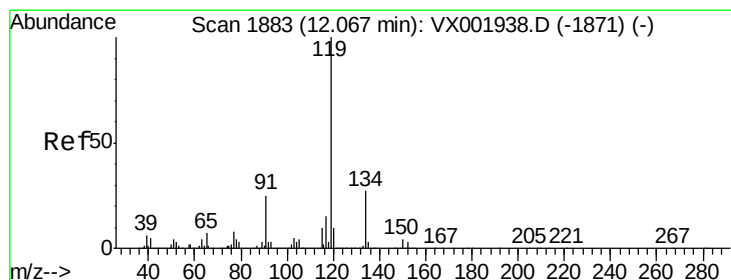
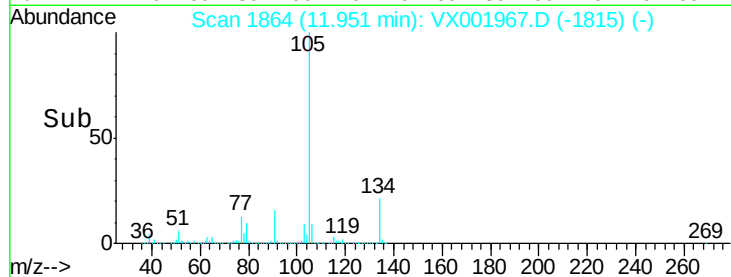
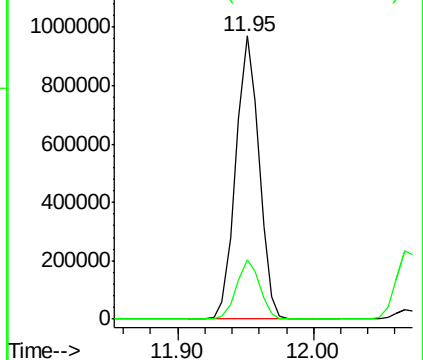
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.918 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

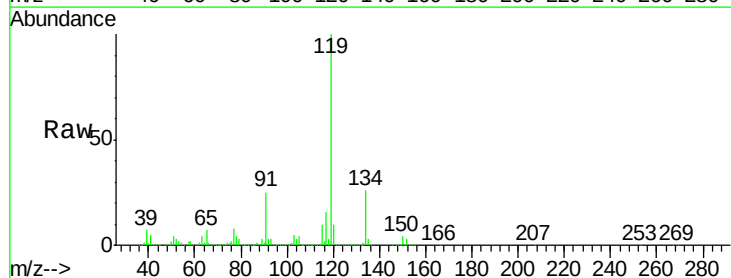
Tgt Ion:119 Resp: 1058153

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

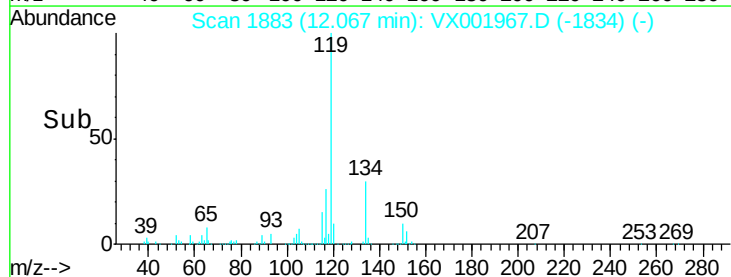
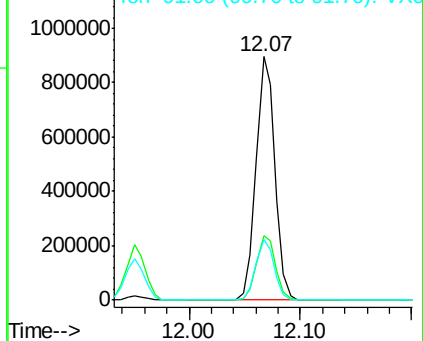
91 24.3 12.2 36.4

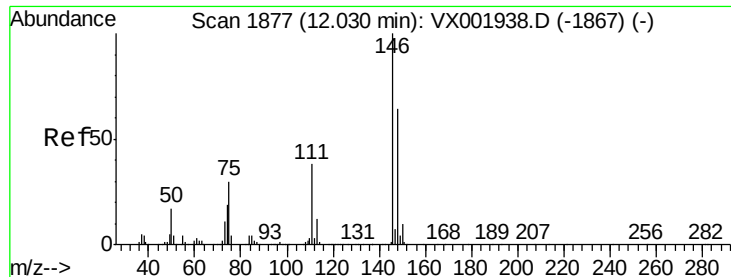


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





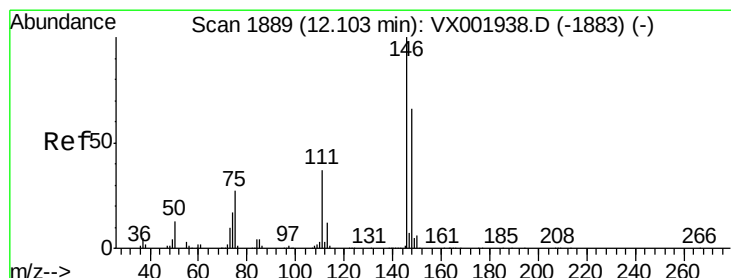
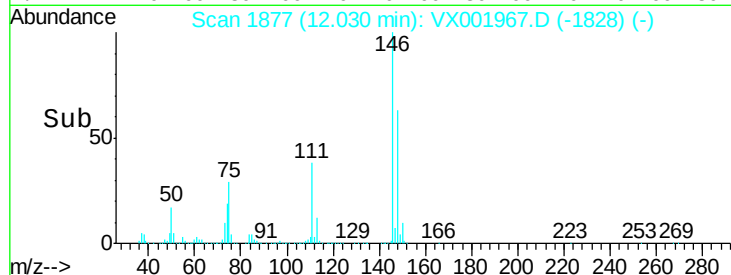
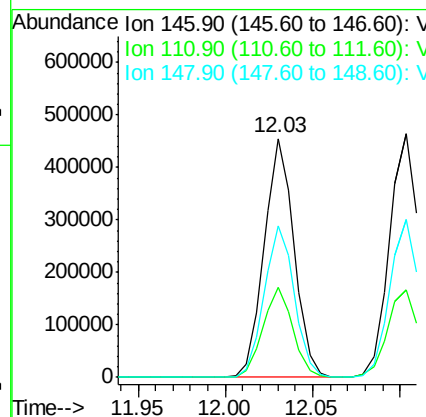
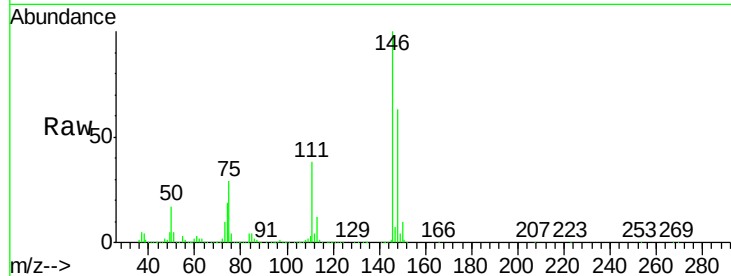
#87
 1,3-Dichlorobenzene
 Concen: 47.123 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.8
148	63.8	32.1	96.3

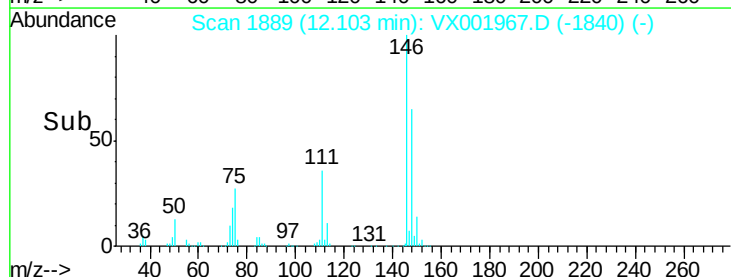
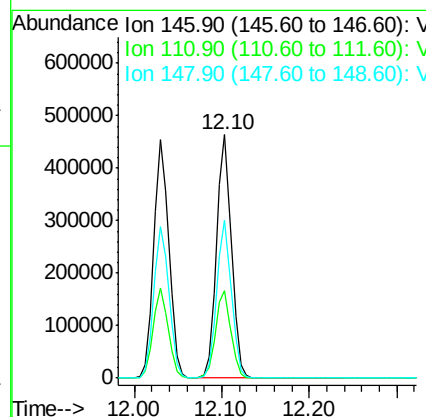
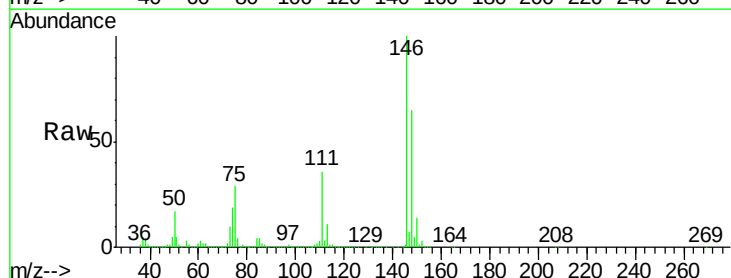
Manual Integrations
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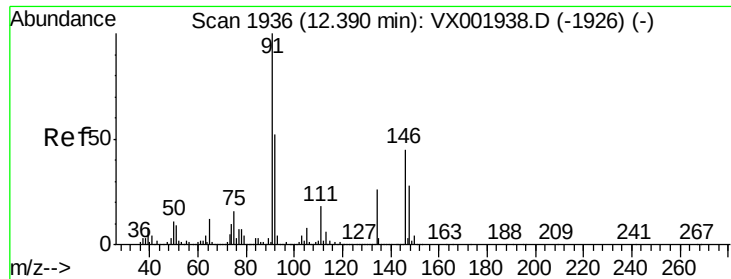
MMDadoda
 5/29/2018 4:39:19 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.334 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.5
148	64.2	32.3	96.8





#89

n-Butylbenzene

Concen: 49.541 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

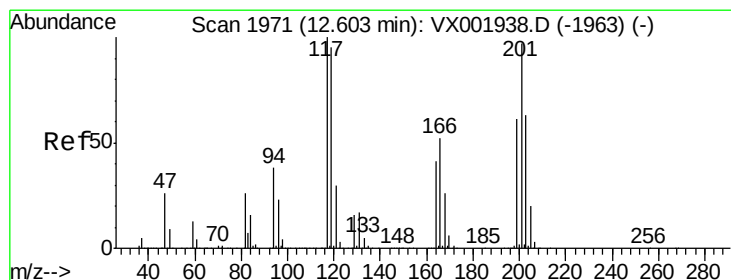
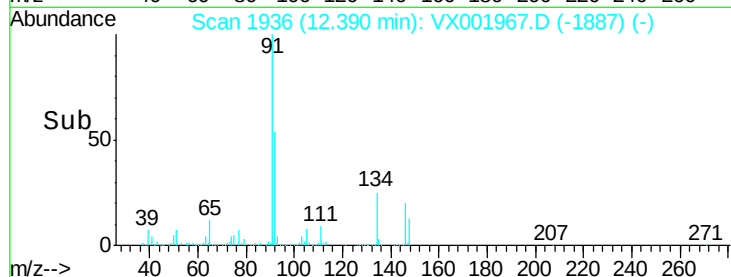
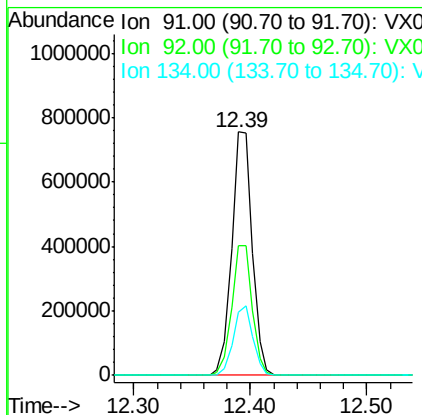
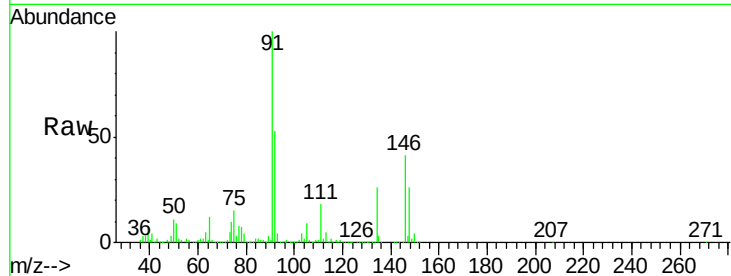
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.3	78.9
134	27.3	13.6	40.7

Manual Integrations
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#90

Hexachloroethane

Concen: 45.753 ug/l

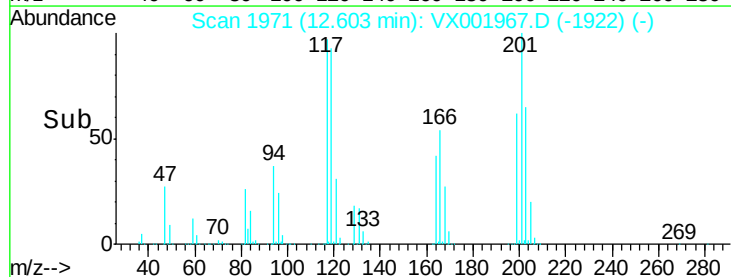
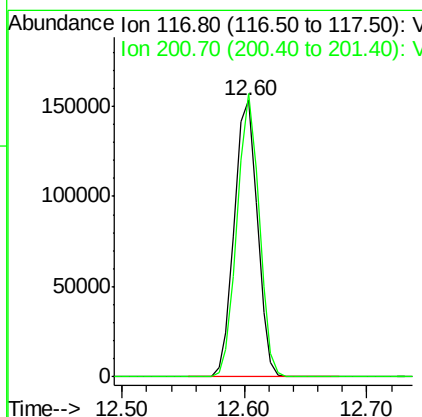
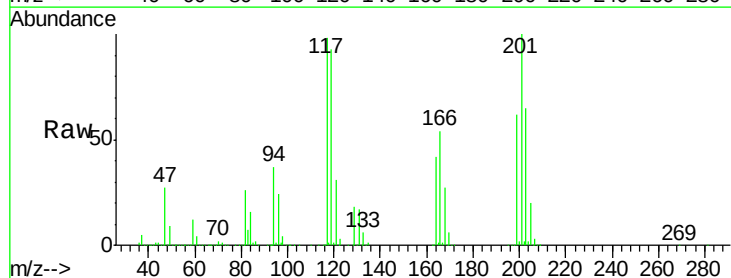
RT: 12.60 min Scan# 1971

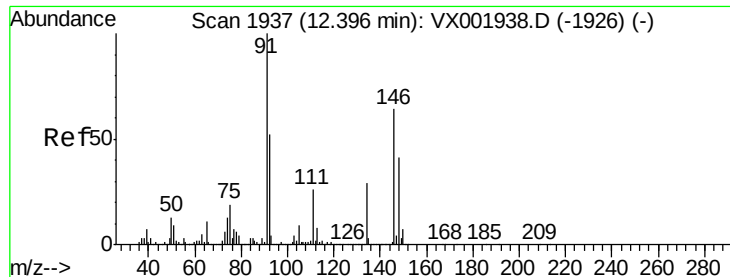
Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.8	48.0	144.0





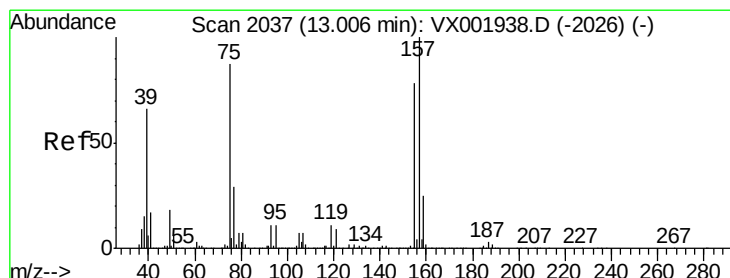
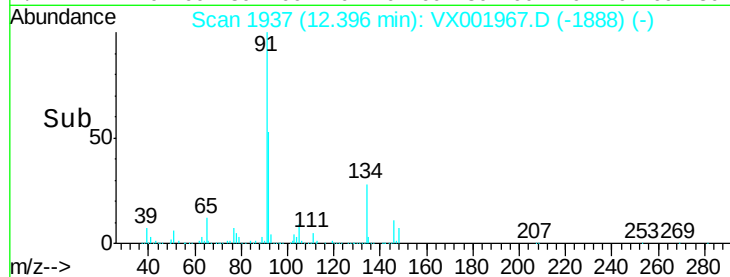
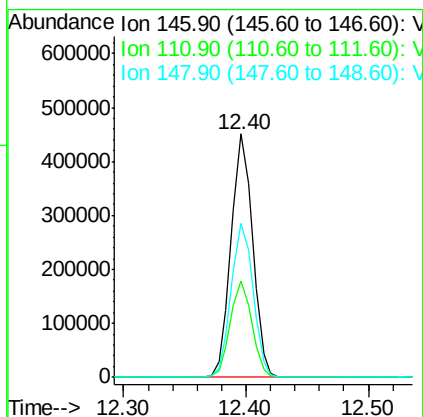
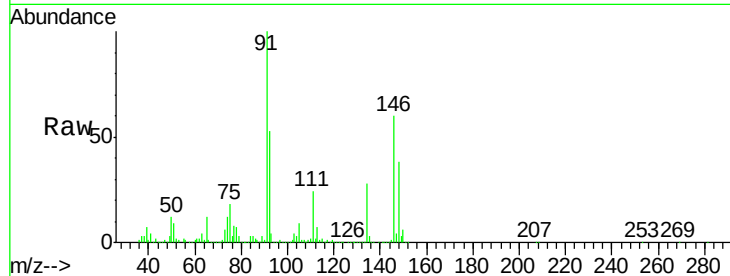
#91
 1,2-Dichlorobenzene
 Concen: 46.272 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	548368		
111	39.6	19.8	59.3	
148	64.1	32.1	96.5	

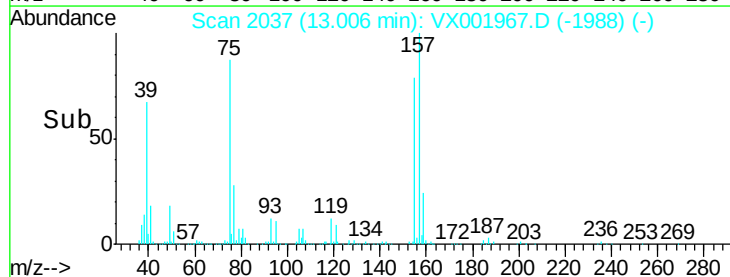
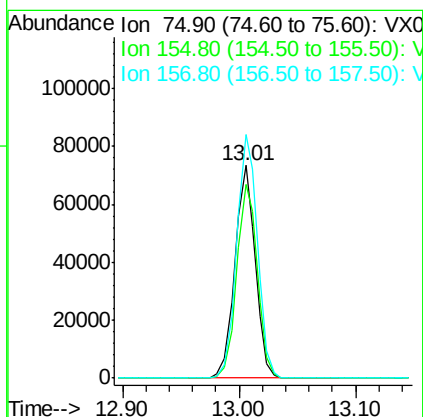
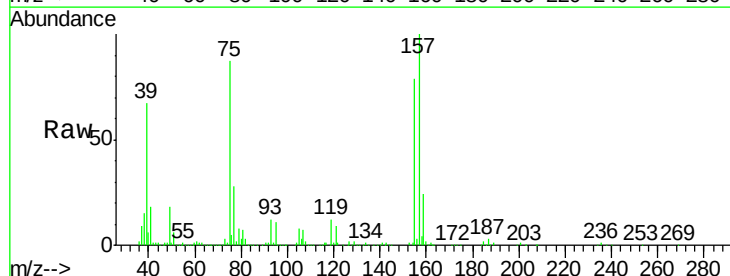
Manual Integrations
 APPROVED

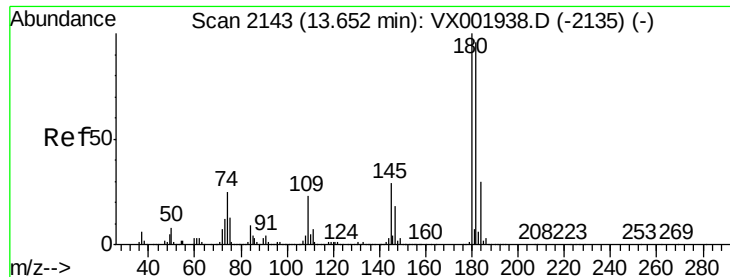
MMDadoda
 5/29/2018 4:39:19 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.991 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	89214		
155	92.4	45.1	135.2	
157	117.2	58.1	174.2	





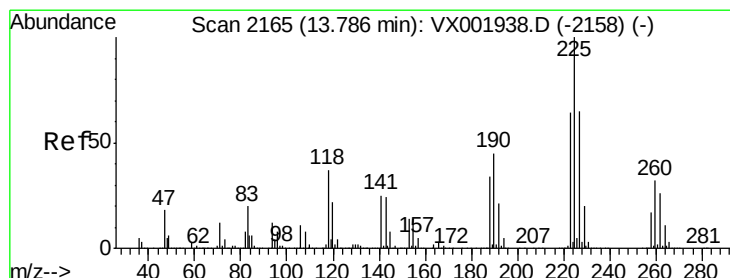
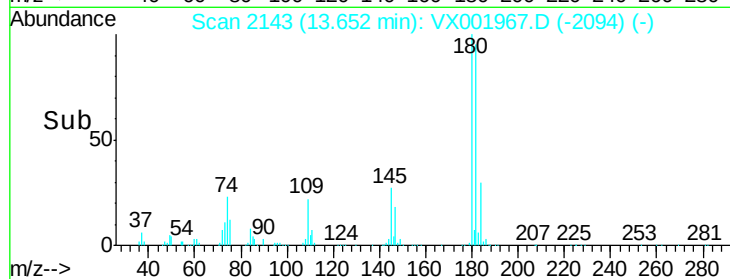
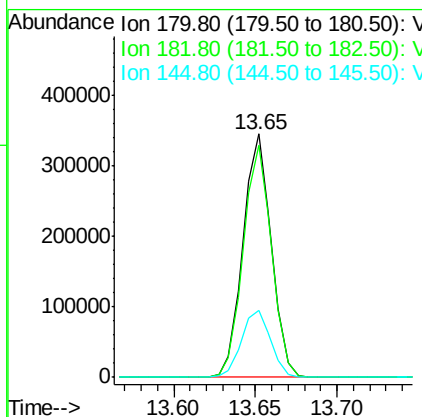
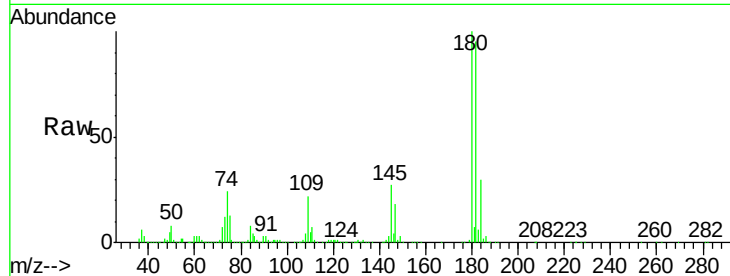
#93
 1,2,4-Trichlorobenzene
 Concen: 49.281 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	417621		
182	95.7	47.7	143.1	
145	28.1	14.4	43.0	

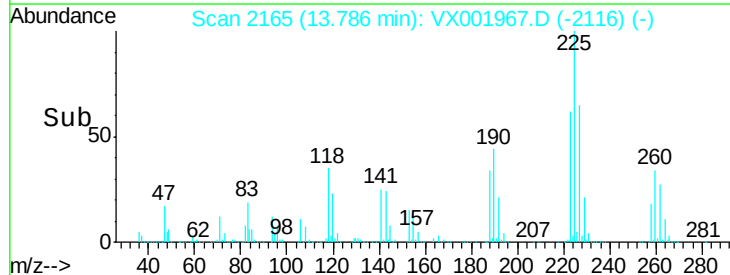
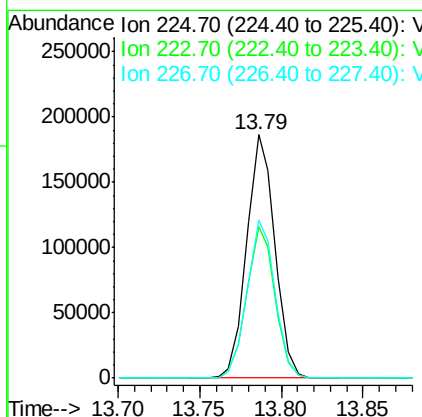
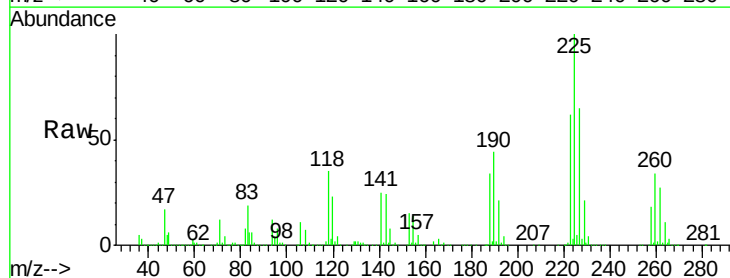
Manual Integrations
 APPROVED

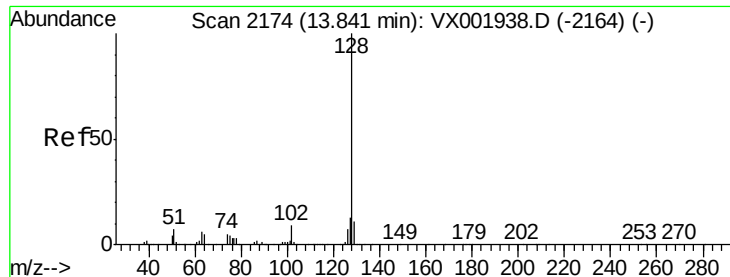
MMDadoda
 5/29/2018 4:39:19 PM



#94
 Hexachlorobutadiene
 Concen: 49.298 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	224727		
223	62.4	31.1	93.5	
227	64.5	32.1	96.5	





#95

Naphthalene

Concen: 45.254 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1181518

Ion Ratio Lower Upper

128 100

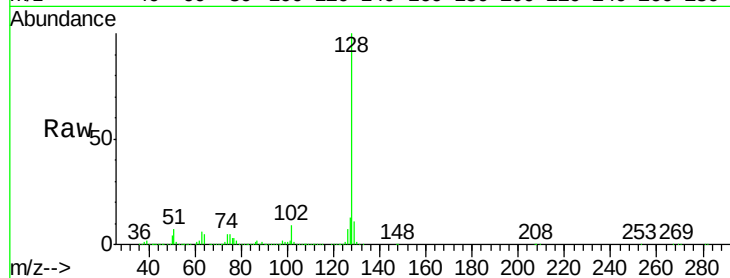
127 13.1 10.4 15.6

129 10.9 8.8 13.2

Manual Integrations
APPROVED

MMDadoda

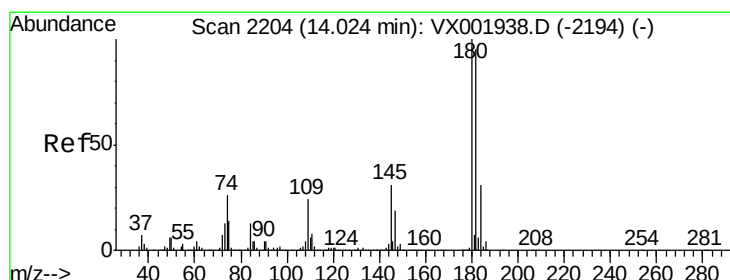
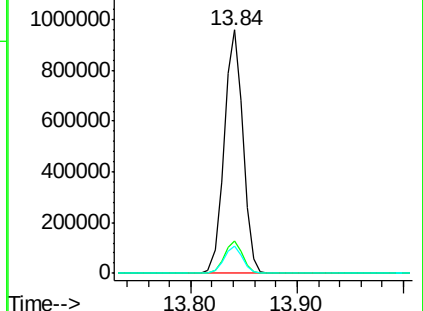
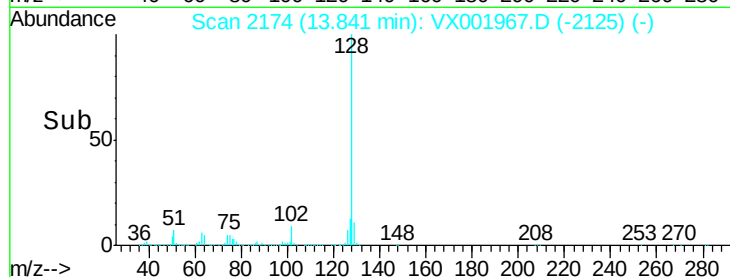
5/29/2018 4:39:19 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.774 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

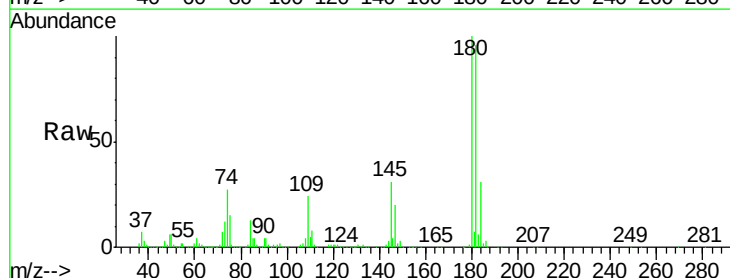
Tgt Ion:180 Resp: 418915

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.6

145 30.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

