

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001990.D
 Acq On : 25 May 2018 21:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:24 PM

Quant Time: May 26 03:58:10 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	271766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	248204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	238684	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	185432	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	8.72	98	686318	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	271254	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168828	49.624	ug/l	98
3) Chloromethane	1.32	50	200433	47.934	ug/l	100
4) Vinyl Chloride	1.41	62	201104	49.810	ug/l	98
5) Bromomethane	1.64	94	71494	38.244	ug/l	98
6) Chloroethane	1.72	64	125620	52.780	ug/l	98
7) Trichlorofluoromethane	1.93	101	320982	52.940	ug/l	100
8) Diethyl Ether	2.19	74	120557	54.801	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	176158	52.067	ug/l	99
10) Methyl Iodide	2.51	142	152326	33.274	ug/l	99
11) Tert butyl alcohol	3.09	59	258583	271.178	ug/l	99
12) 1,1-Dichloroethene	2.37	96	165675	52.302	ug/l	99
13) Acrolein	2.30	56	84983	206.127	ug/l	99
14) Allyl chloride	2.73	41	349326	52.536	ug/l	99
15) Acrylonitrile	3.16	53	517766	264.049	ug/l	100
16) Acetone	2.45	43	482983	257.621	ug/l	99
17) Carbon Disulfide	2.57	76	469100	51.456	ug/l	99
18) Methyl Acetate	2.78	43	264679	58.805	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	642915	53.963	ug/l	99
20) Methylene Chloride	2.86	84	185486	57.388	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	174865	56.921	ug/l	99
22) Diisopropyl ether	3.88	45	695635	51.434	ug/l	99
23) Vinyl Acetate	3.83	43	3026207	269.868	ug/l	98
24) 1,1-Dichloroethane	3.70	63	348593	54.258	ug/l	100
25) 2-Butanone	4.72	43	817725	237.978	ug/l	99
26) 2,2-Dichloropropane	4.59	77	250675	38.548	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	199976	48.413	ug/l	95
28) Bromochloromethane	5.03	49	150338	55.931	ug/l	100
29) Tetrahydrofuran	5.17	42	536974	240.191	ug/l	100
30) Chloroform	5.22	83	352280	48.670	ug/l	99
31) Cyclohexane	5.58	56	315419	47.122	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	324942	48.154	ug/l	100
36) 1,1-Dichloropropene	5.81	75	255834	47.845	ug/l	100
37) Ethyl Acetate	4.87	43	323322	46.380	ug/l	99
38) Carbon Tetrachloride	5.79	117	293293	47.037	ug/l	99

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 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)
39) Methylcyclohexane	7.46	83	309887	47.173	ug/l	98
40) Benzene	6.15	78	775325	49.493	ug/l	100
41) Methacrylonitrile	5.07	41	184738	50.225	ug/l	99
42) 1,2-Dichloroethane	6.21	62	301494	48.181	ug/l	100
43) Isopropyl Acetate	6.48	43	568254	48.923	ug/l	99
44) Trichloroethene	7.22	130	217745	47.699	ug/l	99
45) 1,2-Dichloropropane	7.52	63	211950	49.820	ug/l	97
46) Dibromomethane	7.67	93	138192	49.062	ug/l	100
47) Bromodichloromethane	7.91	83	283586	47.219	ug/l	100
48) Methyl methacrylate	7.79	41	284483	48.122	ug/l	99
49) 1,4-Dioxane	7.76	88	102972	988.445	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1729001	246.932	ug/l	99
52) Toluene	8.79	92	489309	49.080	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	329446	47.628	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	316477	46.953	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	202981	48.738	ug/l	98
56) Ethyl methacrylate	9.19	69	342358	47.791	ug/l	99
57) 1,3-Dichloropropane	9.38	76	337199	49.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	798768	251.574	ug/l	99
59) 2-Hexanone	9.51	43	1322513	244.957	ug/l	99
60) Dibromochloromethane	9.59	129	240734	48.801	ug/l	100
61) 1,2-Dibromoethane	9.68	107	215405	49.291	ug/l	100
64) Tetrachloroethene	9.34	164	250058	47.986	ug/l	99
65) Chlorobenzene	10.15	112	550753	47.830	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	222254	47.799	ug/l	98
67) Ethyl Benzene	10.26	91	960822	48.026	ug/l	99
68) m/p-Xylenes	10.37	106	736473	96.299	ug/l	100
69) o-Xylene	10.71	106	368076	48.202	ug/l	99
70) Styrene	10.72	104	614661	48.537	ug/l	100
71) Bromoform	10.87	173	204839	46.460	ug/l #	100
73) Isopropylbenzene	11.02	105	987448	46.981	ug/l	99
74) N-amyl acetate	6.48	43	568254	52.260	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	296617	51.641	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	308372m	51.725	ug/l	
77) Bromobenzene	11.26	156	263943	47.332	ug/l	99
78) n-propylbenzene	11.37	91	1117095	47.455	ug/l	99
79) 2-Chlorotoluene	11.43	91	667664	51.785	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	841077	46.825	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	95635	38.554	ug/l	97
82) 4-Chlorotoluene	11.52	91	783731	47.204	ug/l	100
83) tert-Butylbenzene	11.77	119	817044	46.354	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	871216	46.936	ug/l	100
85) sec-Butylbenzene	11.95	105	1000314	47.211	ug/l	99
86) p-Isopropyltoluene	12.07	119	897631	47.344	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	468238	46.886	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	472739	47.348	ug/l	100
89) n-Butylbenzene	12.39	91	769190	47.878	ug/l	100
90) Hexachloroethane	12.60	117	166290	44.464	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	485670	47.730	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	84051	44.979	ug/l	99

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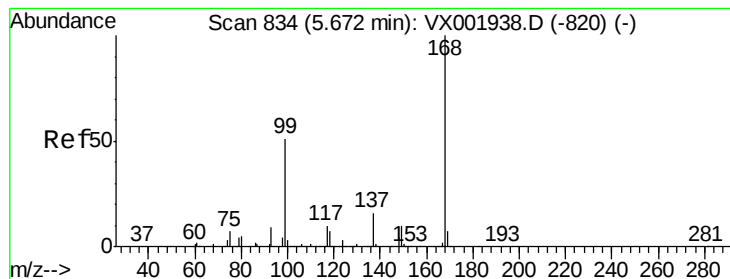
Manual Integrations
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5/29/2018 4:39:24 PM

Quant Time: May 26 03:58:10 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)
93) 1,2,4-Trichlorobenzene	13.65	180	349824	48.079	ug/l	100
94) Hexachlorobutadiene	13.79	225	183879	46.980	ug/l	99
95) Naphthalene	13.84	128	1072881	47.860	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	361545	48.022	ug/l	100

(#) = 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: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 271766

Ion Ratio Lower Upper

168 100

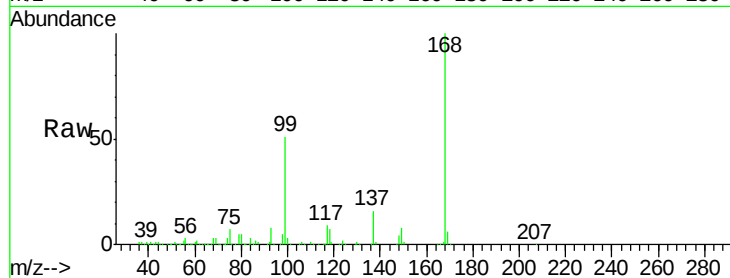
99 50.9 41.0 61.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

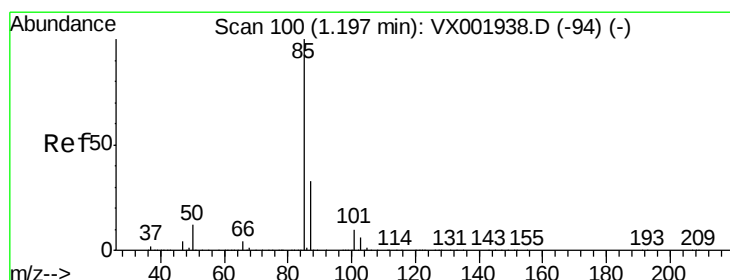
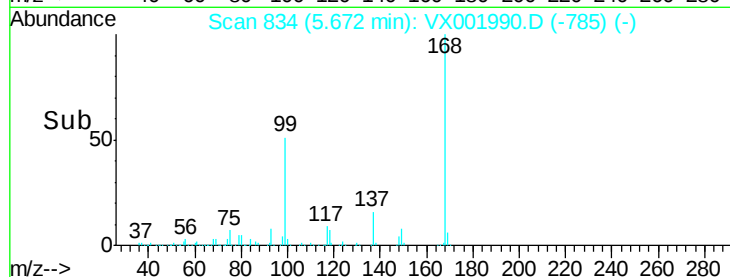
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.624 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001990.D

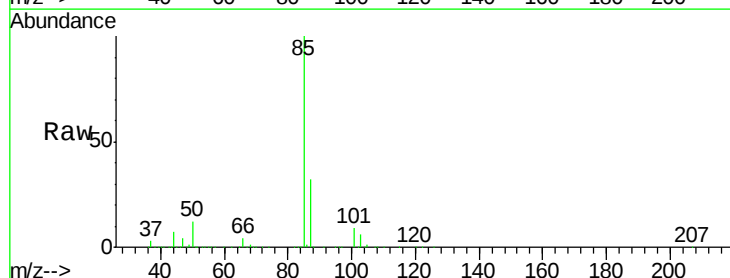
Acq: 25 May 2018 21:30

Tgt Ion: 85 Resp: 168828

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

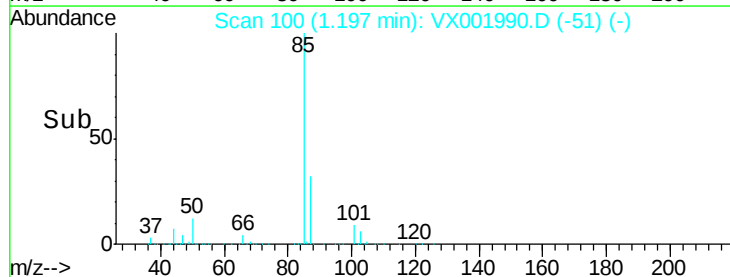
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.934 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 200433

Ion Ratio Lower Upper

50 100

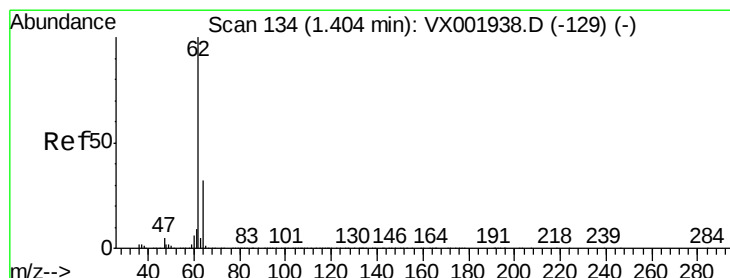
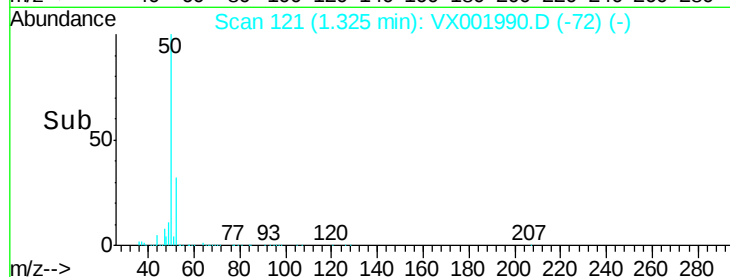
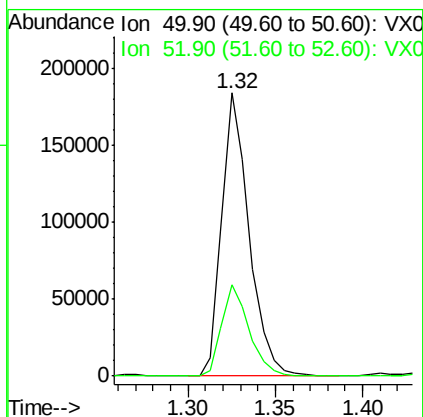
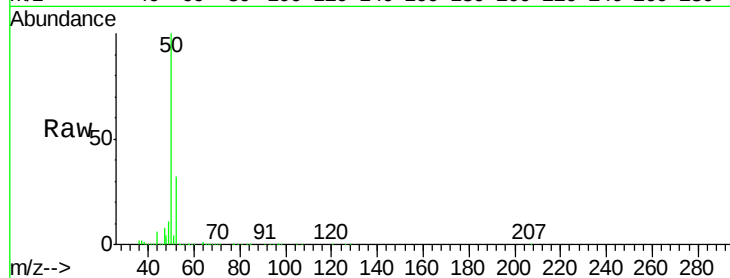
52 32.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 49.810 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001990.D

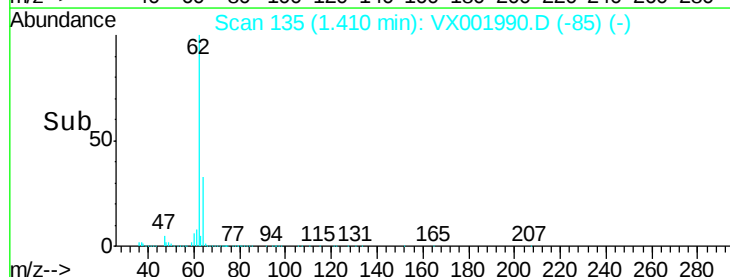
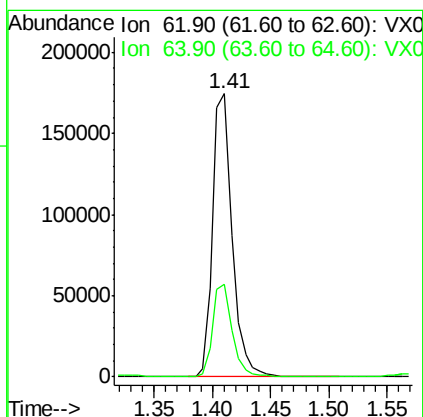
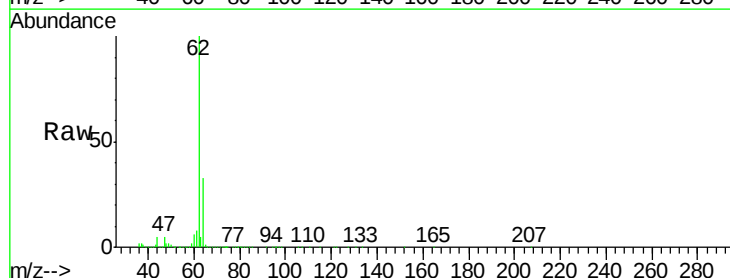
Acq: 25 May 2018 21:30

Tgt Ion: 62 Resp: 201104

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 38.244 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 71494

Ion Ratio Lower Upper

94 100

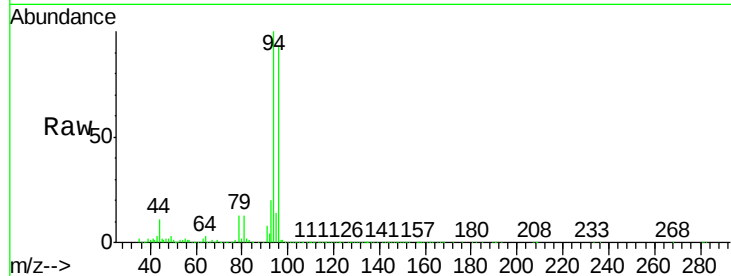
96 93.0 75.9 113.9

Manual Integrations

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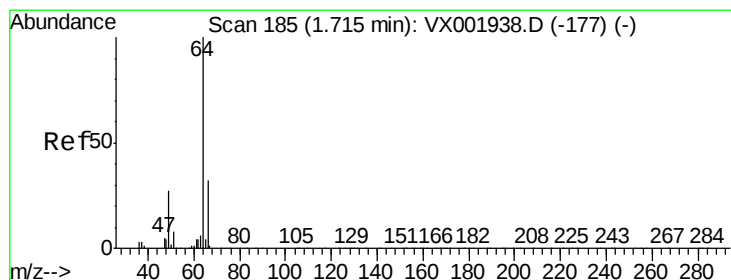
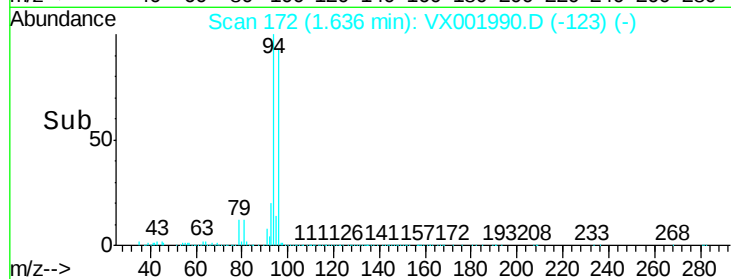
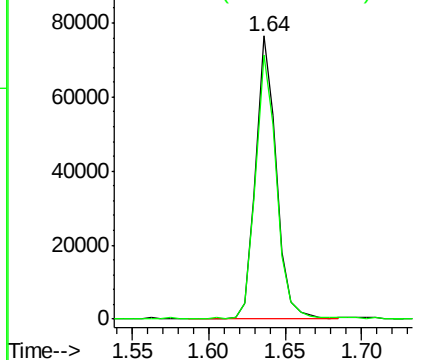
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.780 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001990.D

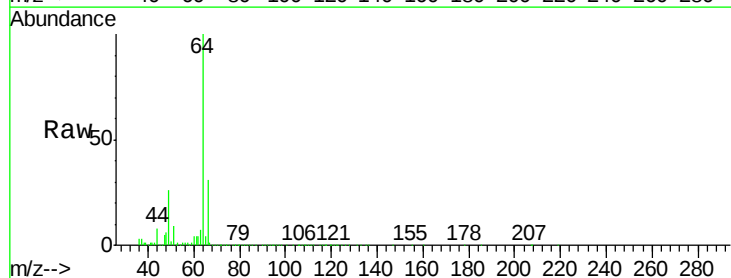
Acq: 25 May 2018 21:30

Tgt Ion: 64 Resp: 125620

Ion Ratio Lower Upper

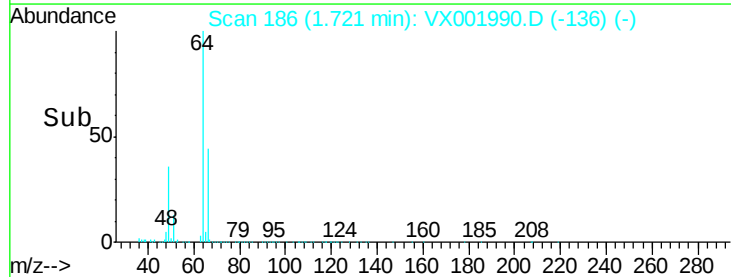
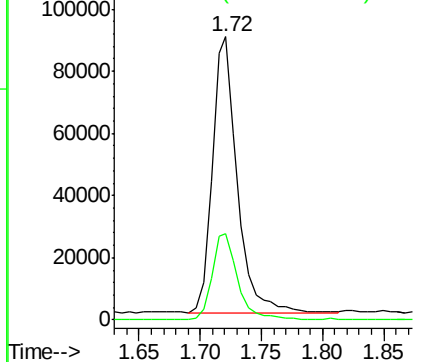
64 100

66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

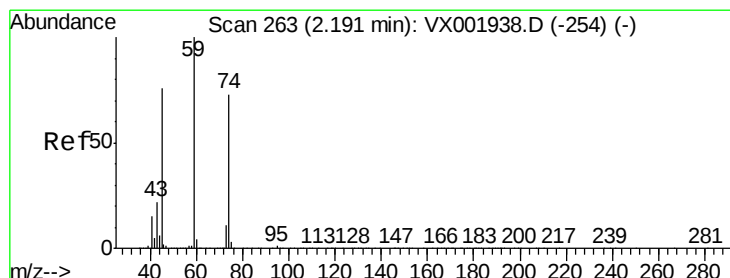
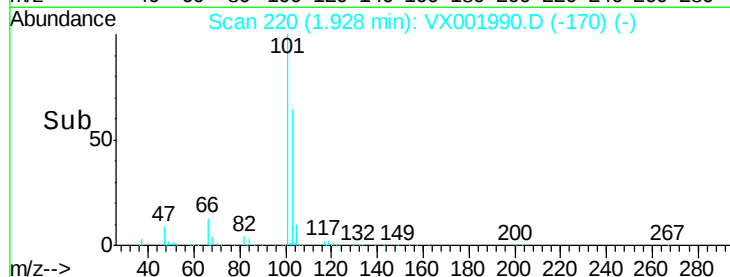
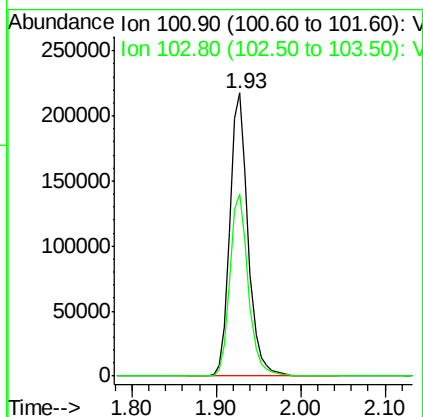
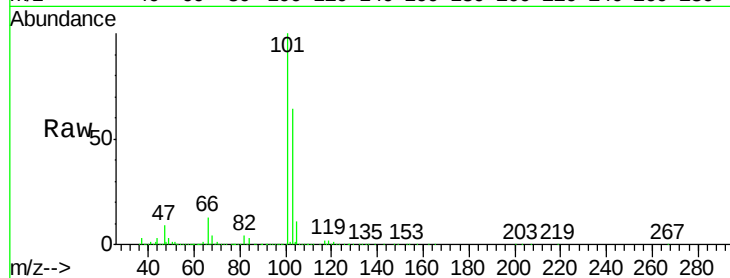
Trichlorofluoromethane
Concen: 52.940 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001990.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		320982		
103	64.4	51.4	77.0		

Manual Integrations
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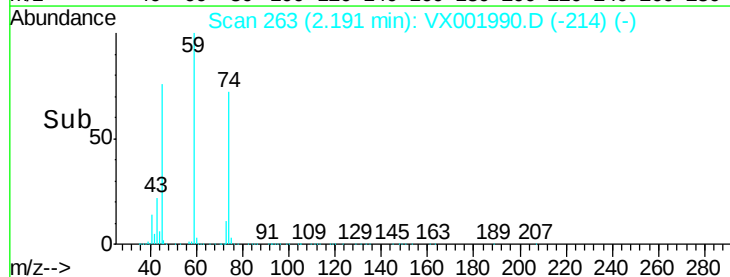
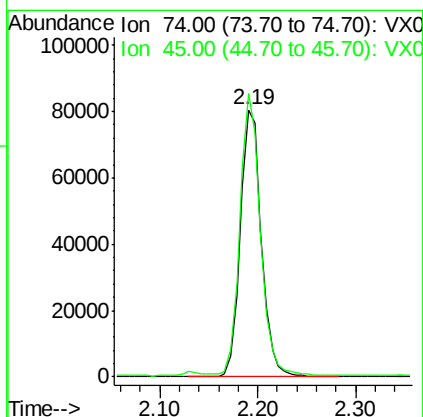
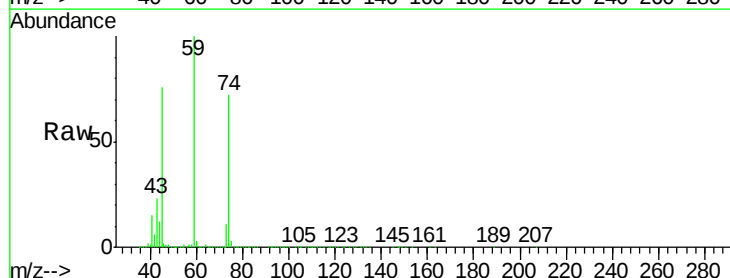
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#8

Diethyl Ether
Concen: 54.801 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		120557		
45	102.1	51.5	154.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.067 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

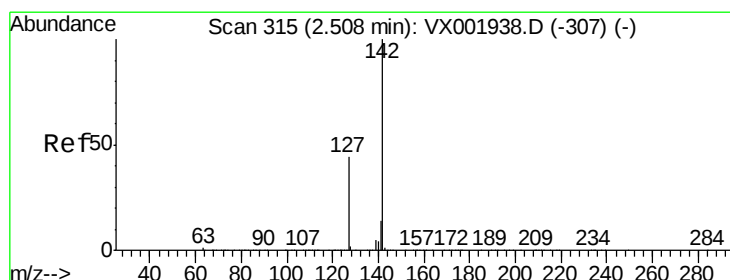
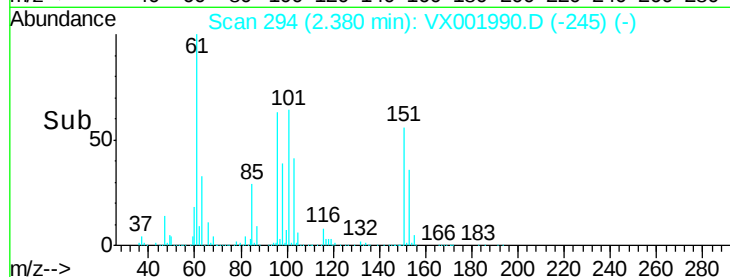
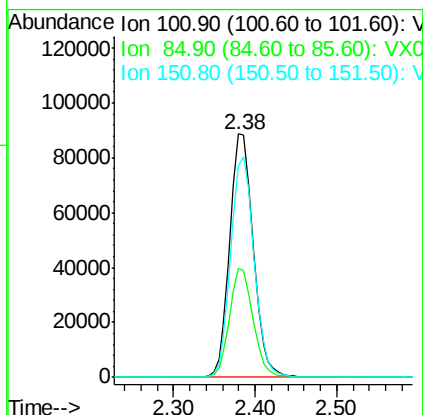
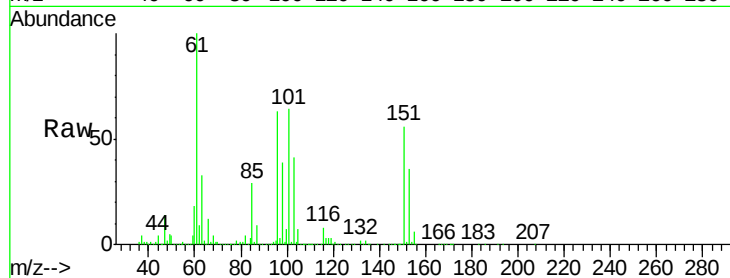
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	176158
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.6	53.4
151	90.0	73.2	109.8

Manual Integrations
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#10

Methyl Iodide

Concen: 33.274 ug/l

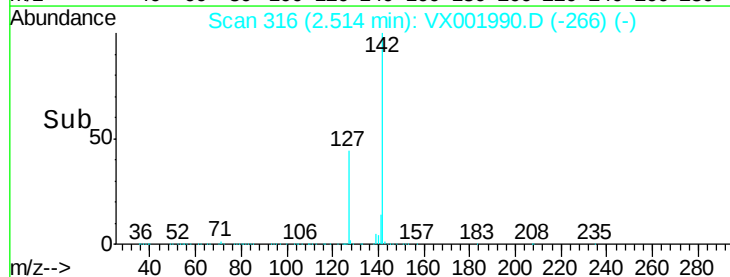
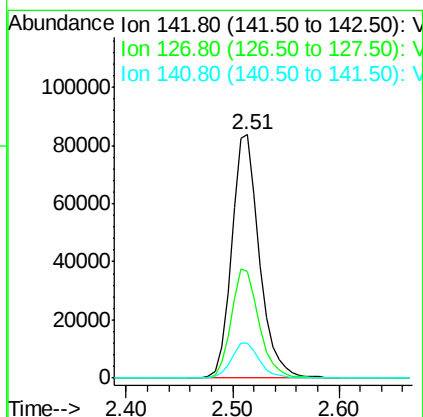
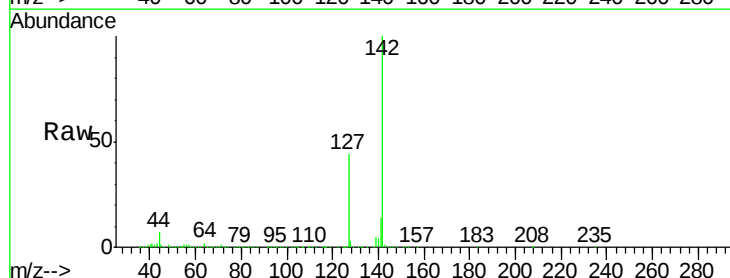
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion:	142	Resp:	152326
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.5	53.3
141	14.7	11.3	16.9





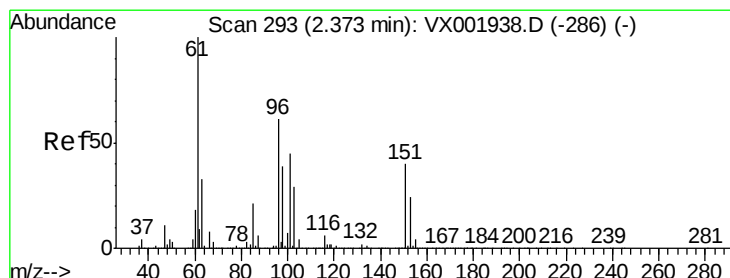
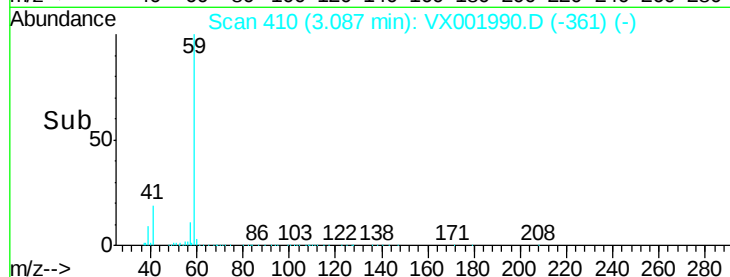
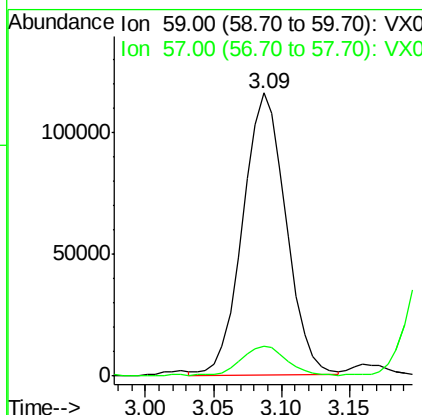
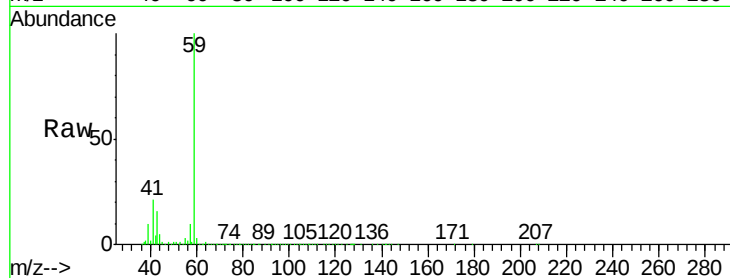
#11
Tert butyl alcohol
Concen: 271.178 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	258583		
57	10.5		8.9	13.3

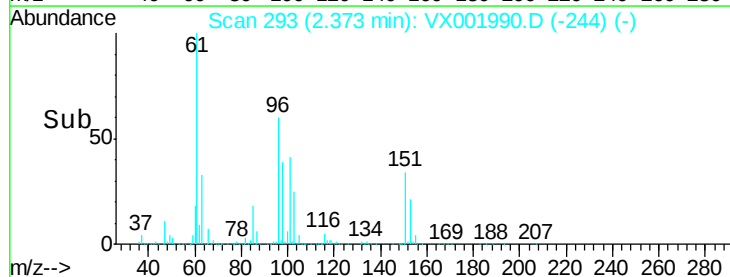
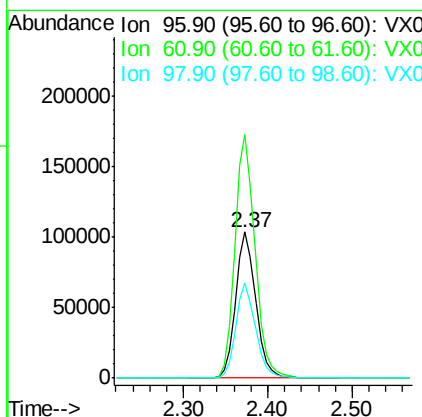
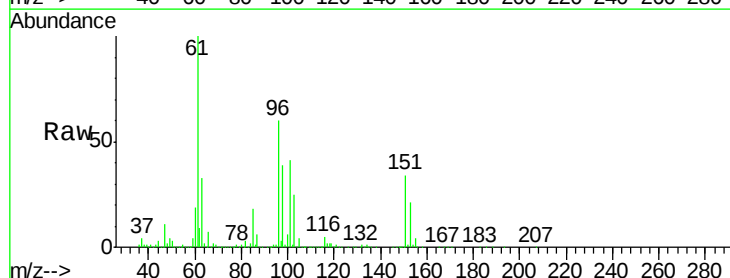
Manual Integrations
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5/29/2018 4:39:24 PM



#12
1,1-Dichloroethene
Concen: 52.302 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	165675		
61	167.0		131.7	197.5
98	64.9		51.6	77.4





#13

Acrolein

Concen: 206.127 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 84983

Ion Ratio Lower Upper

56 100

55 71.7

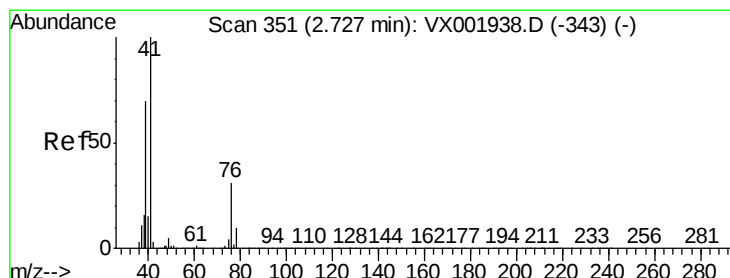
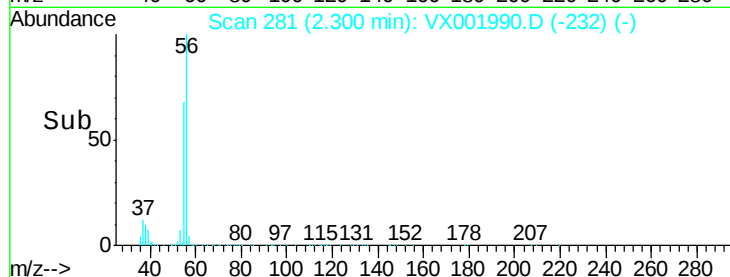
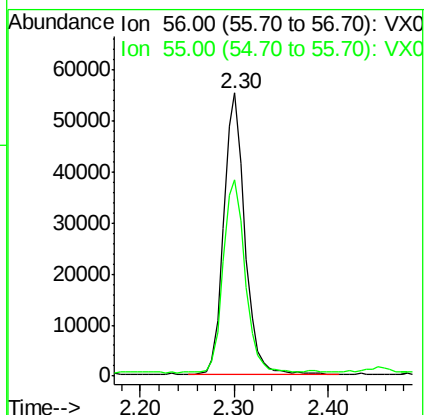
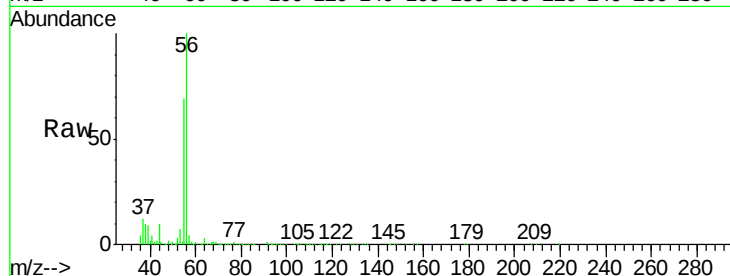
56.8

85.2

Manual Integrations
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#14

Allyl chloride

Concen: 52.536 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion: 41 Resp: 349326

Ion Ratio Lower Upper

41 100

39 68.6

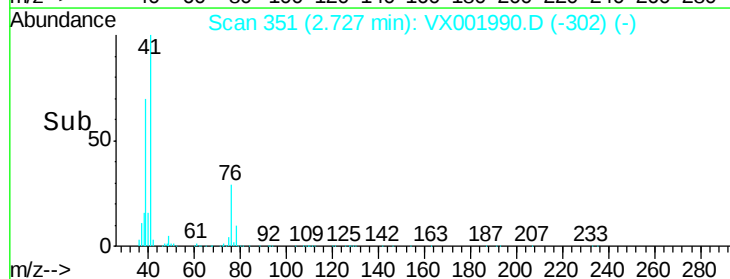
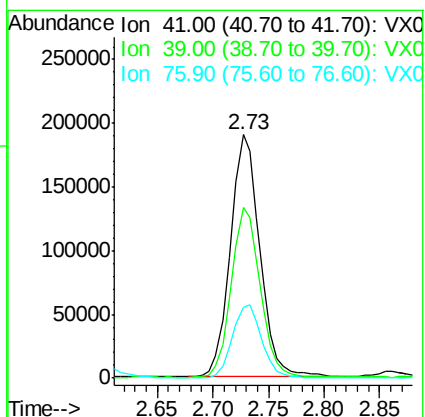
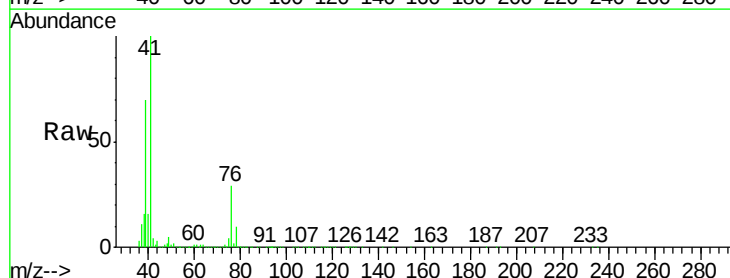
76 30.1

54.3

24.2

81.5

36.4





#15

Acrylonitrile

Concen: 264.049 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

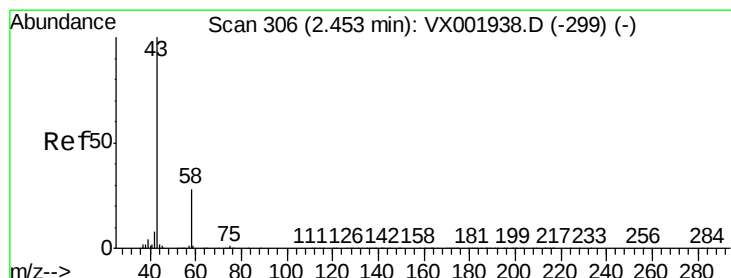
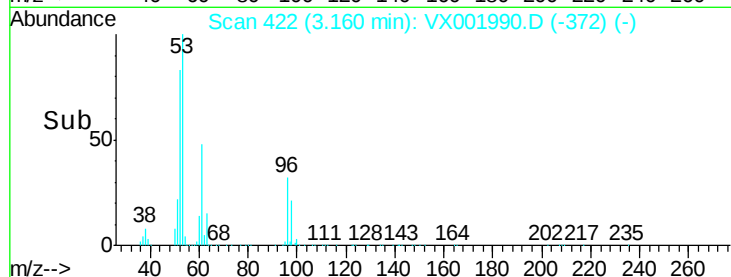
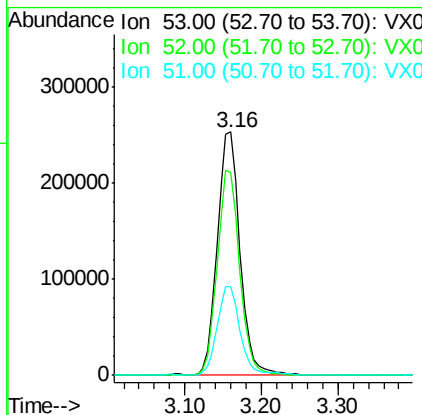
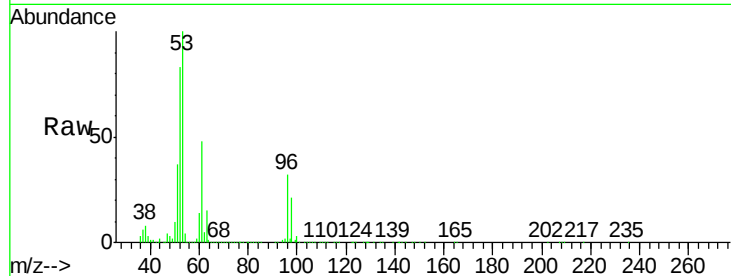
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	517766
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.4	99.6
51	37.0	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 257.621 ug/l

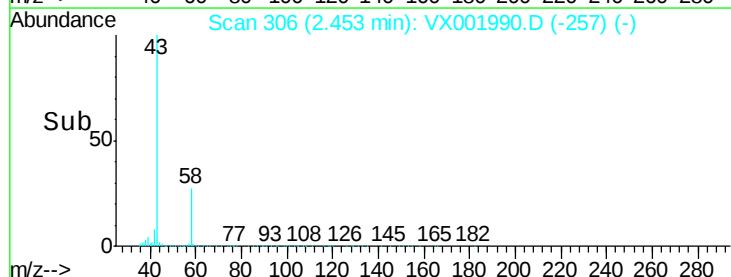
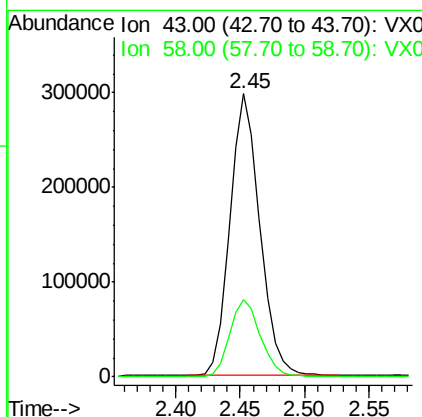
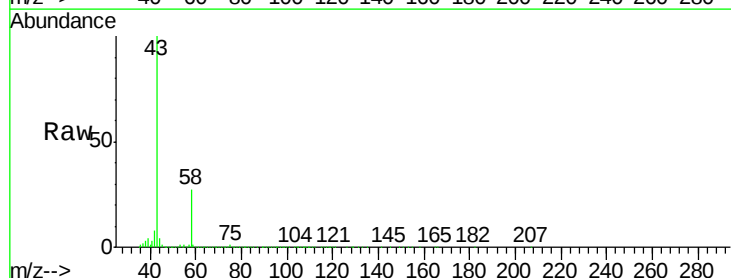
RT: 2.45 min Scan# 306

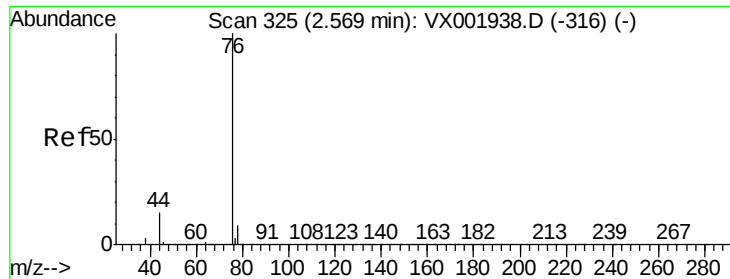
Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion:	43	Resp:	482983
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.3	33.5





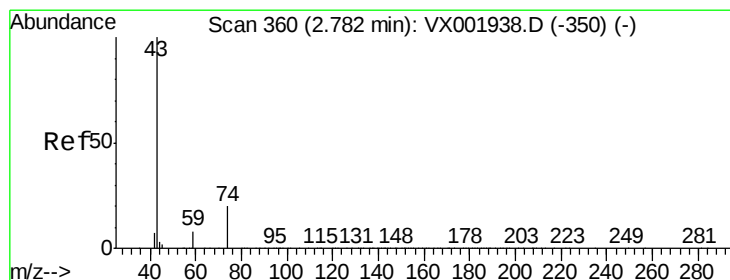
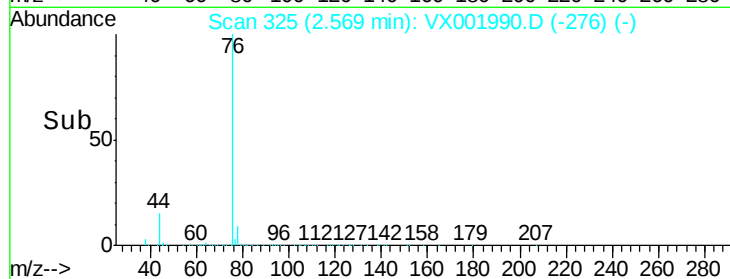
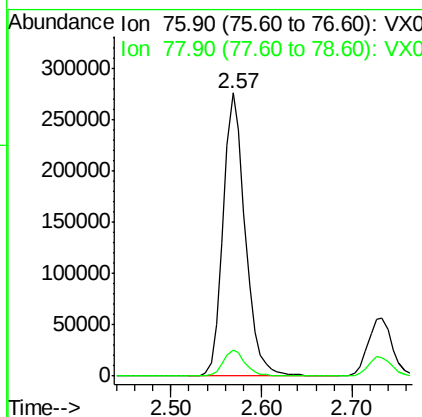
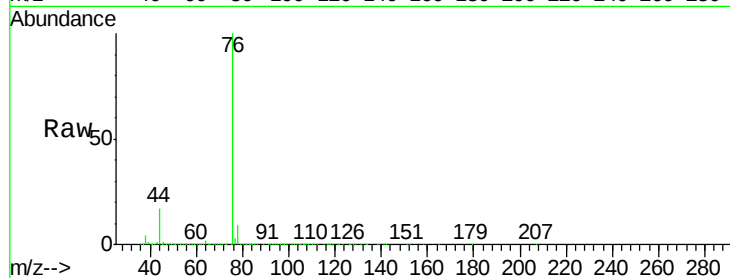
#17
Carbon Disulfide
Concen: 51.456 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

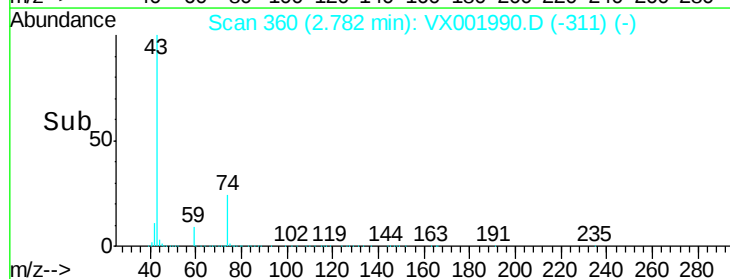
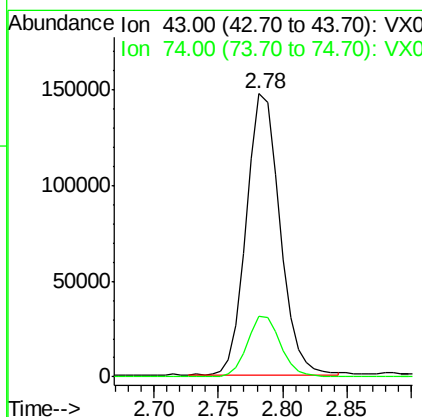
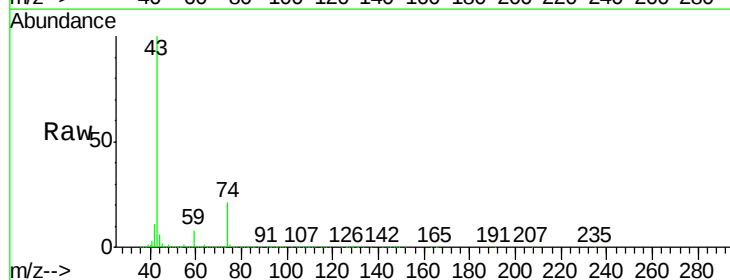
Manual Integrations
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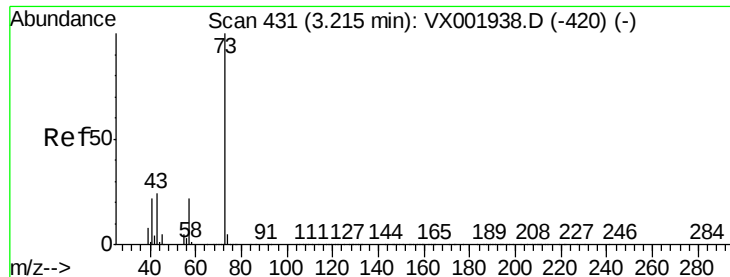
MMDadoda
5/29/2018 4:39:24 PM



#18
Methyl Acetate
Concen: 58.805 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.8	25.2





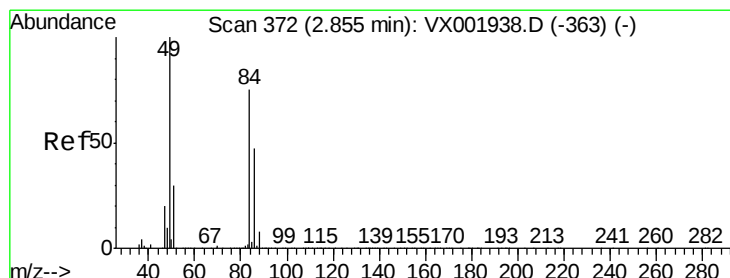
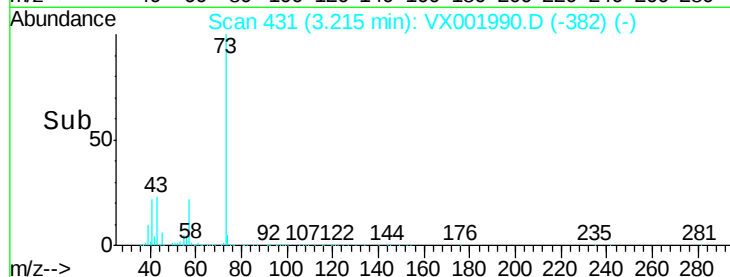
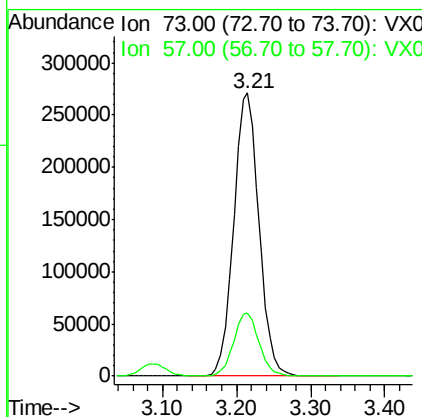
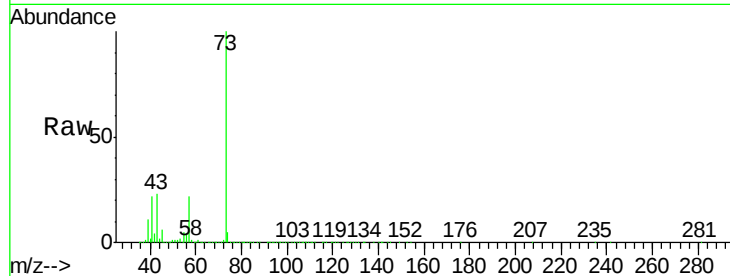
#19
Methvl tert-butvl Ether
Concen: 53.963 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.4	26.0

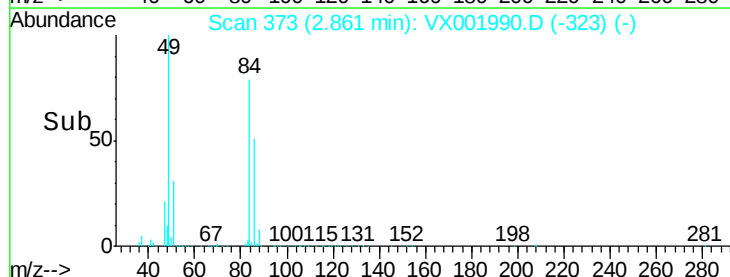
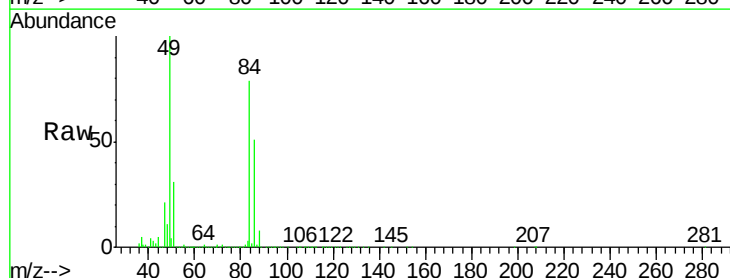
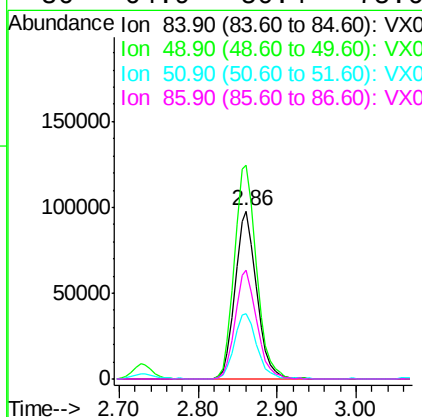
Manual Integrations
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#20
Methylene Chloride
Concen: 57.388 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	107.2	160.8
51	38.9	32.4	48.6
86	64.9	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 56.921 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

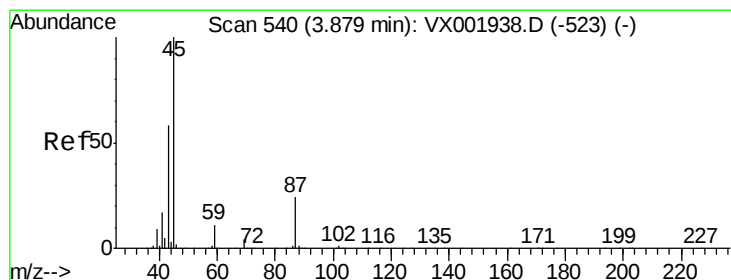
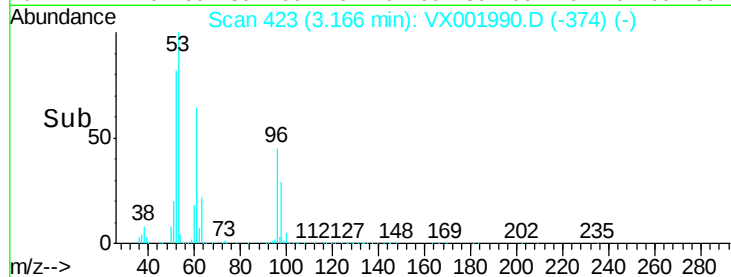
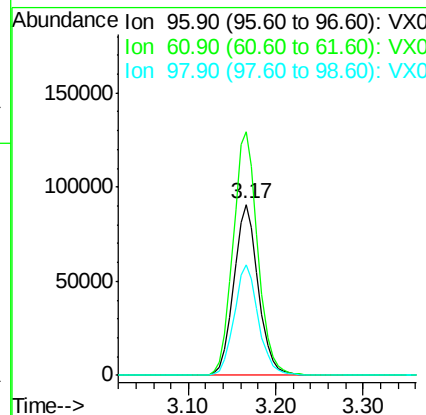
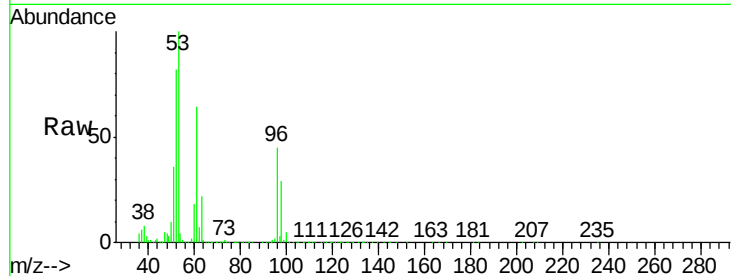
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	174865
Ion	Ratio	Lower	Upper
96	100		
61	142.7	113.3	169.9
98	64.8	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.434 ug/l

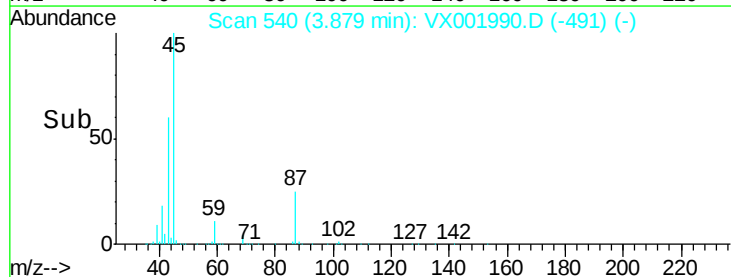
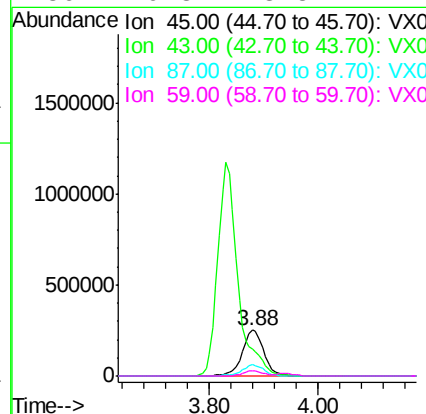
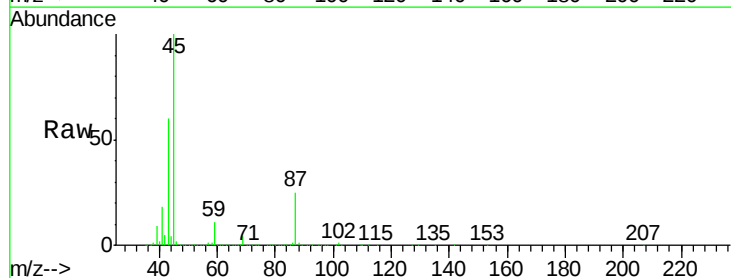
RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion:	45	Resp:	695635
Ion	Ratio	Lower	Upper
45	100		
43	59.8	47.0	70.6
87	24.8	19.4	29.0
59	10.8	8.5	12.7





#23

Vinyl Acetate

Concen: 269.868 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3026207

Ion Ratio Lower Upper

43 100

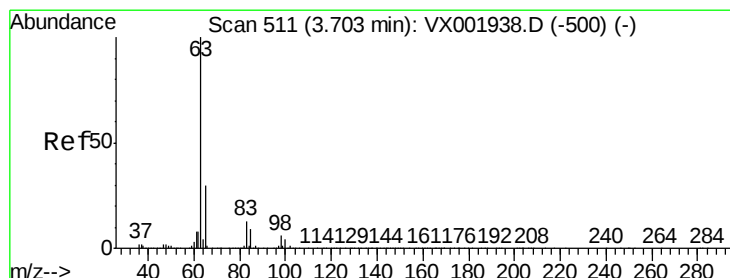
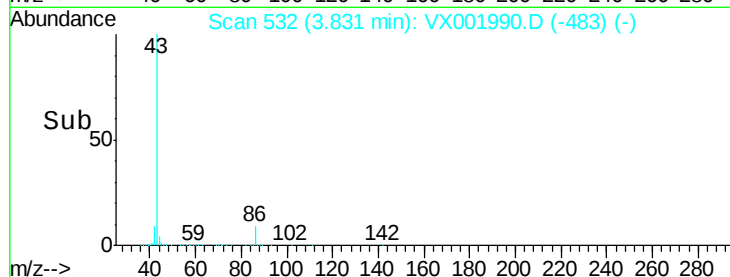
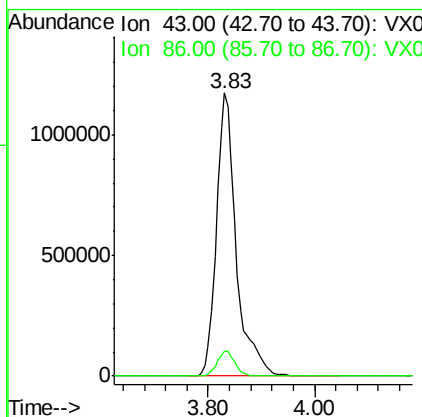
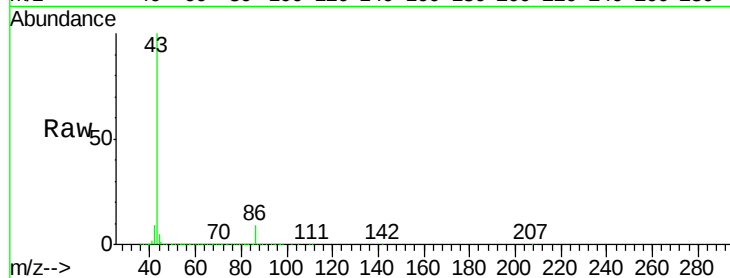
86 8.8 7.6 11.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.258 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

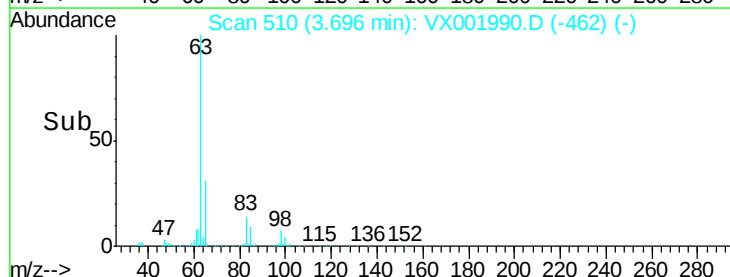
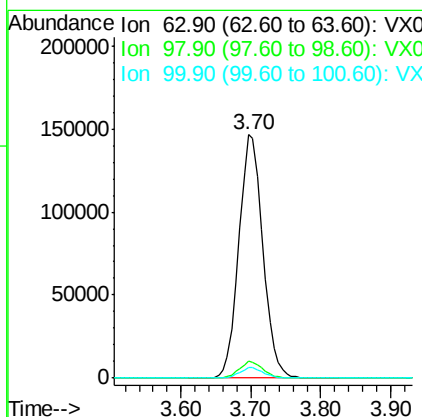
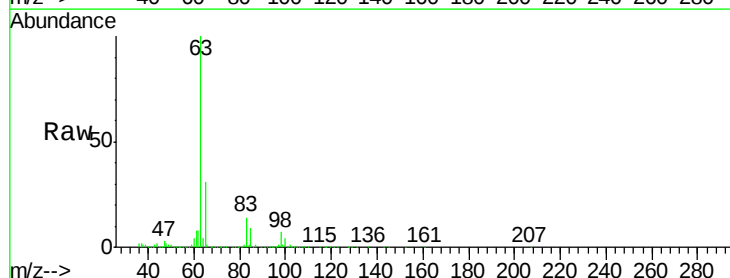
Tgt Ion: 63 Resp: 348593

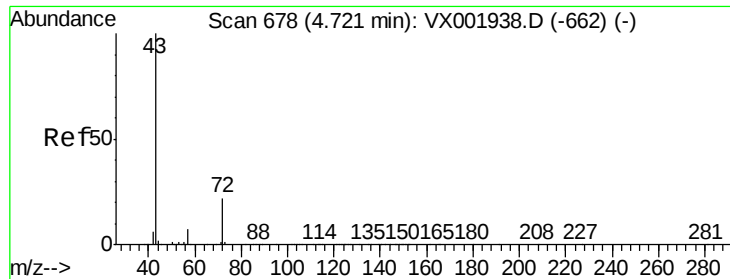
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 237.978 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 817725

Ion Ratio Lower Upper

43 100

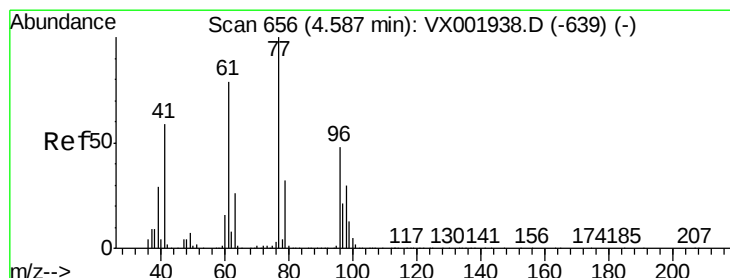
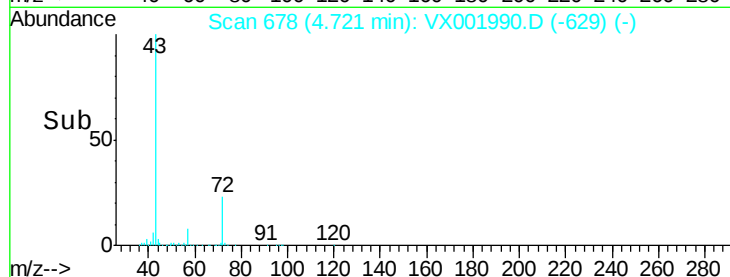
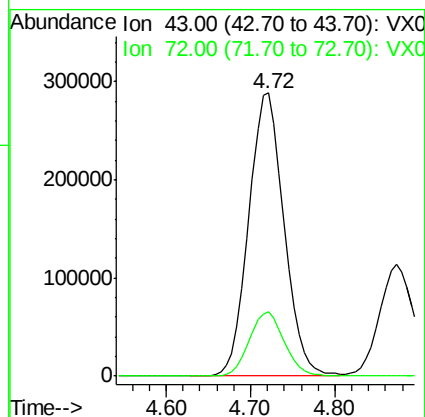
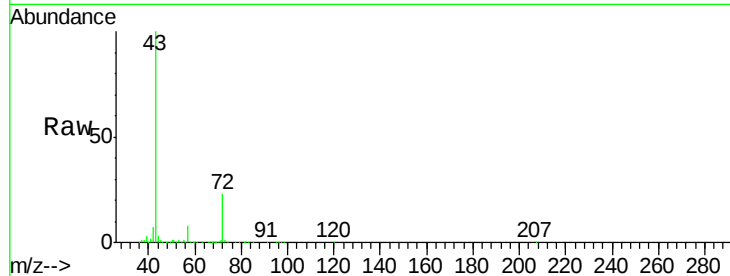
72 22.8 17.9 26.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 38.548 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001990.D

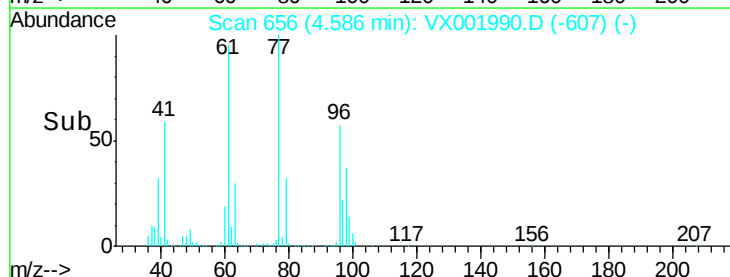
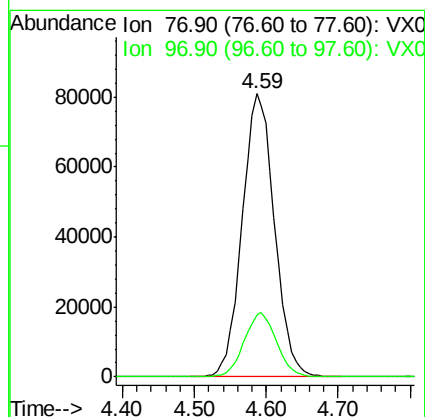
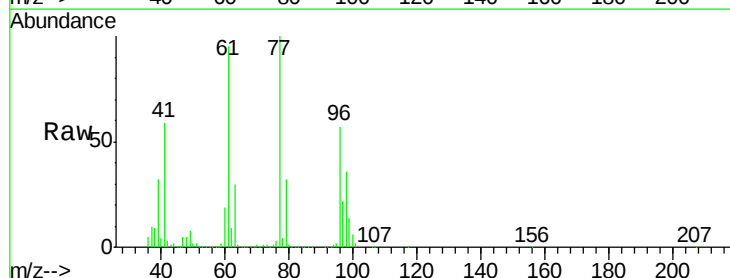
Acq: 25 May 2018 21:30

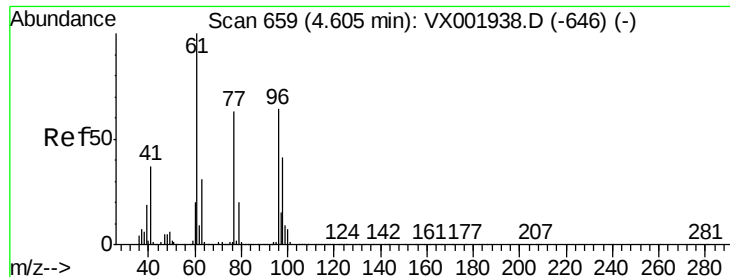
Tgt Ion: 77 Resp: 250675

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

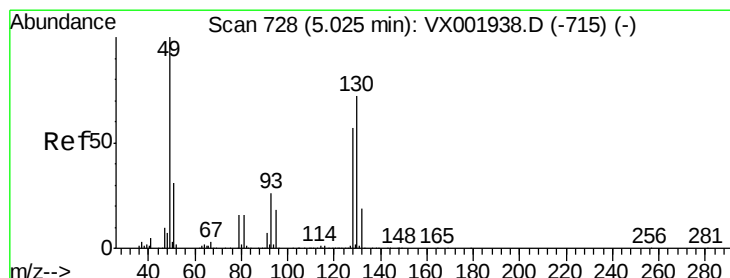
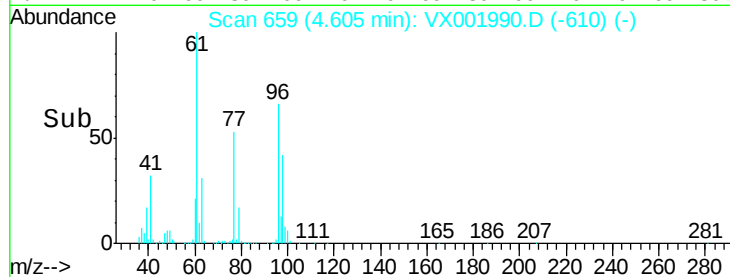
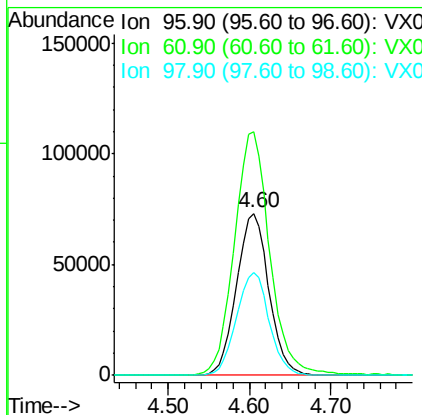
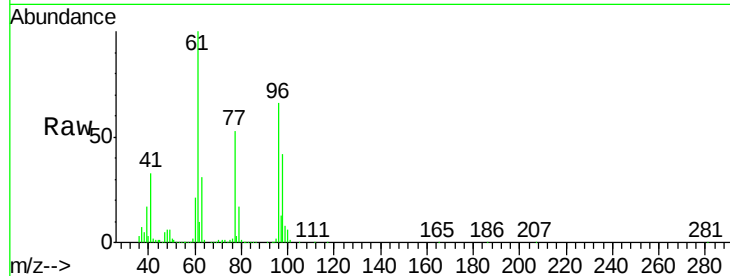
cis-1,2-Dichloroethene
Concen: 48.413 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	199976		
61	165.9		0.0	348.4
98	64.8		0.0	128.6

Manual Integrations
APPROVED

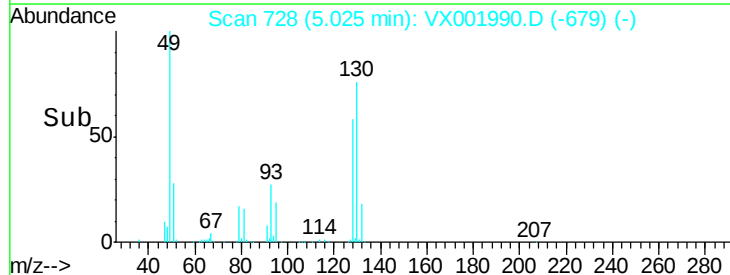
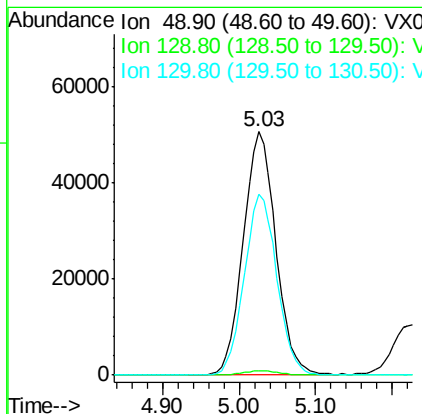
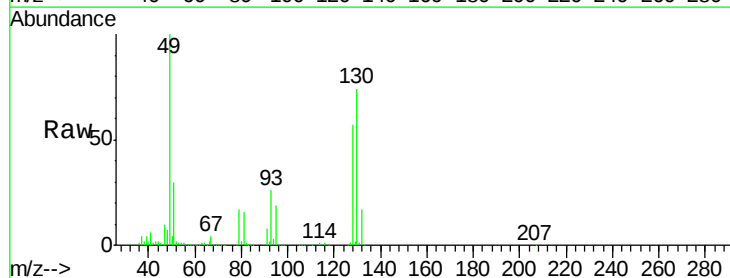
MMDadoda
5/29/2018 4:39:24 PM



#28

Bromochloromethane
Concen: 55.931 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	150338		
129	2.0		0.0	3.8
130	73.9		59.4	89.2





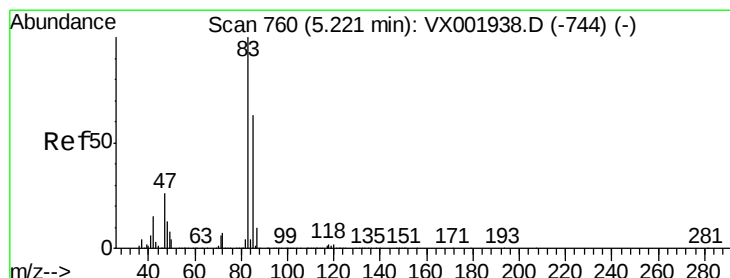
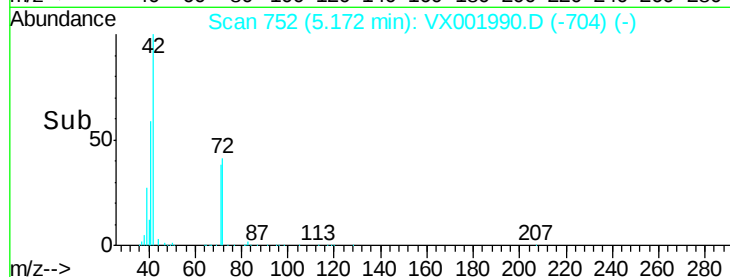
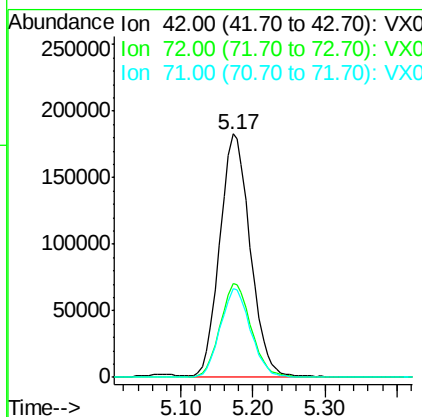
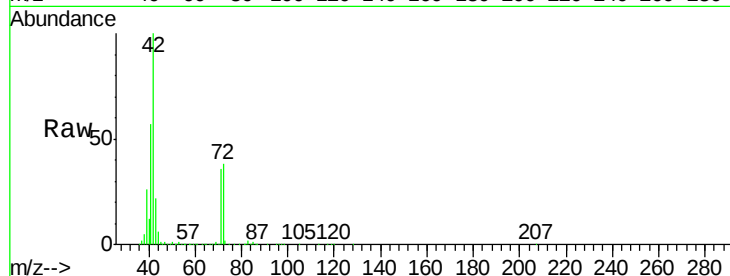
#29
Tetrahydrofuran
Concen: 240.191 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	536974
Ion	Ratio	Lower	Upper
42	100		
72	39.2	31.4	47.0
71	36.4	29.5	44.3

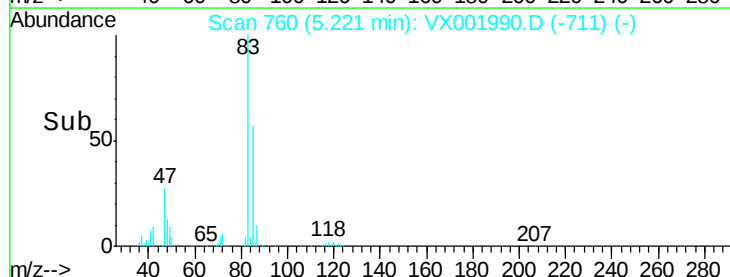
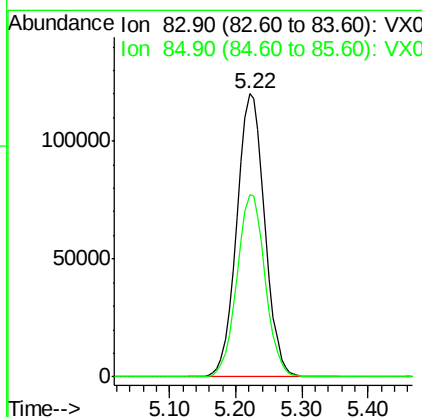
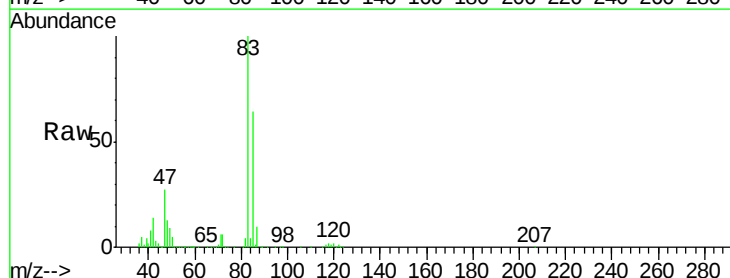
Manual Integrations
APPROVED

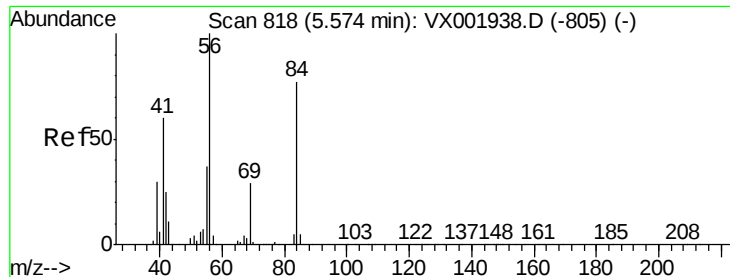
MMDadoda
5/29/2018 4:39:24 PM



#30
Chloroform
Concen: 48.670 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion:	83	Resp:	352280
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3





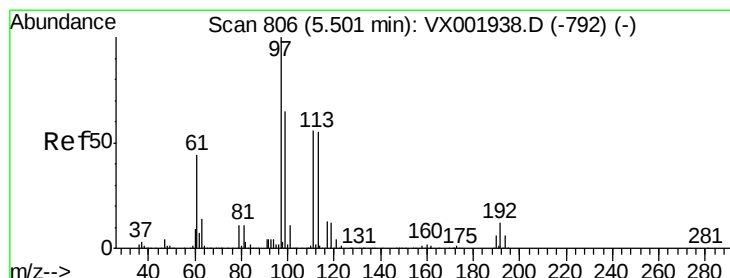
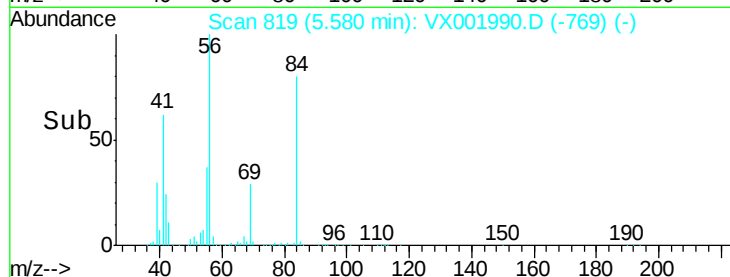
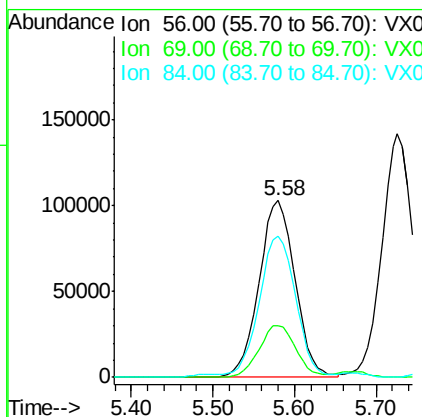
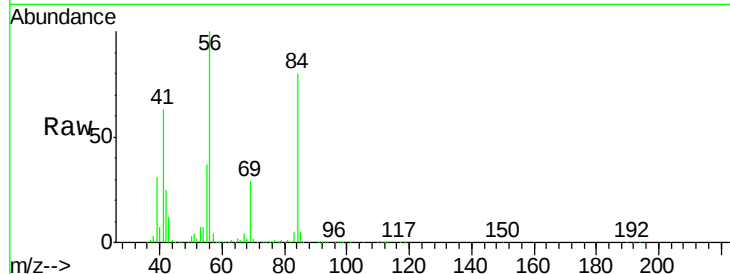
#31
Cyclohexane
Concen: 47.122 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.1	34.7
84	79.4	62.0	93.0

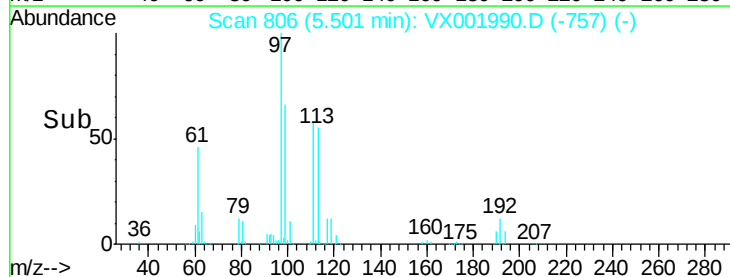
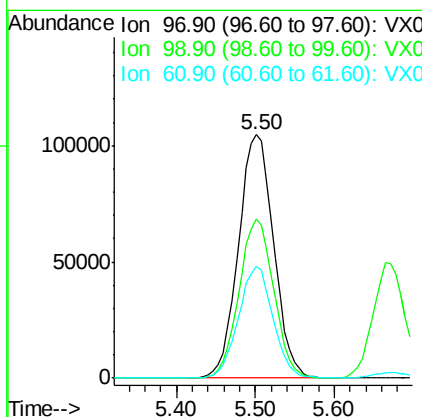
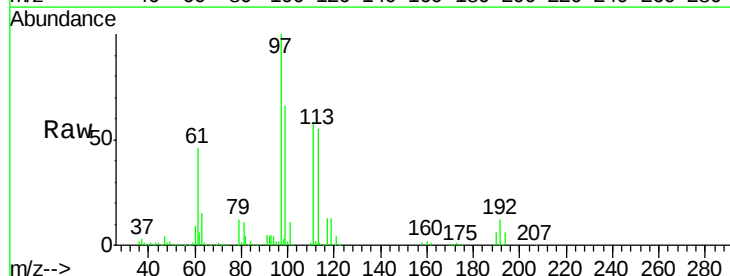
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 48.154 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	45.1	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 49.134 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 238684

Ion Ratio Lower Upper

65 100

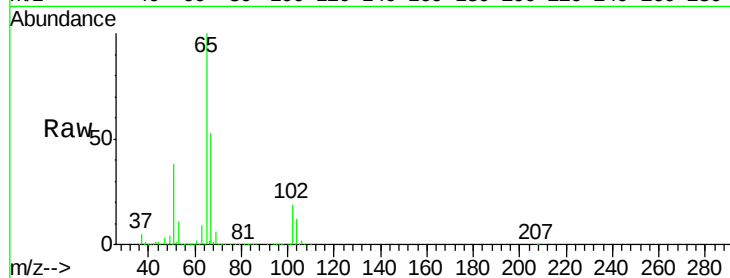
67 51.5 0.0 104.0

Manual Integrations

APPROVED

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

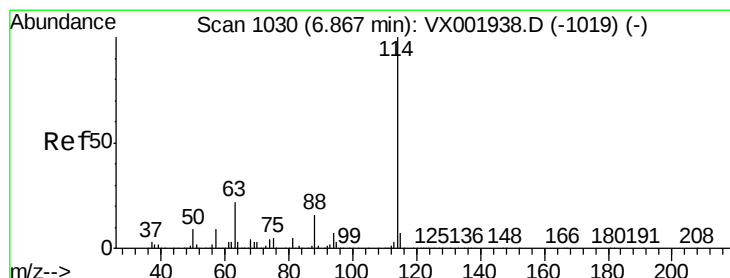
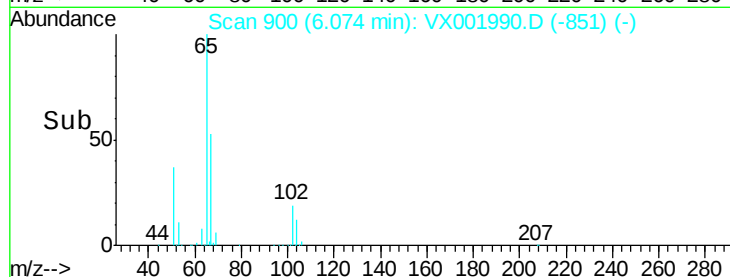
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

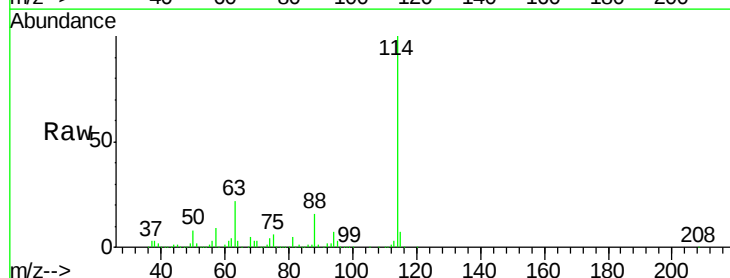
Tgt Ion: 114 Resp: 384420

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 15.7 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

200000

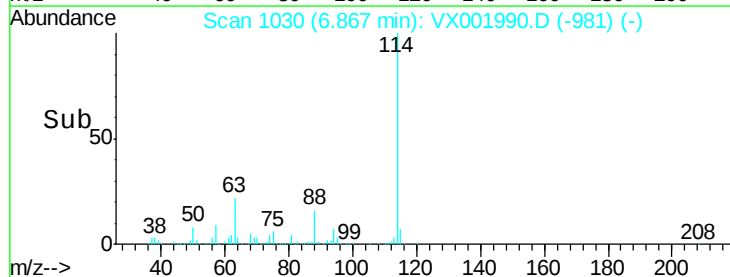
150000

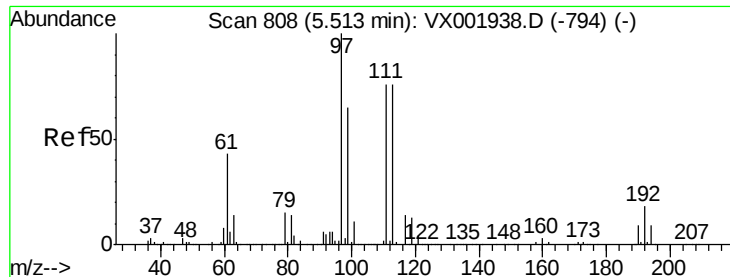
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.237 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

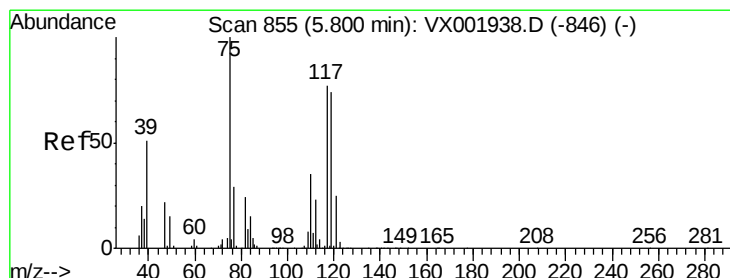
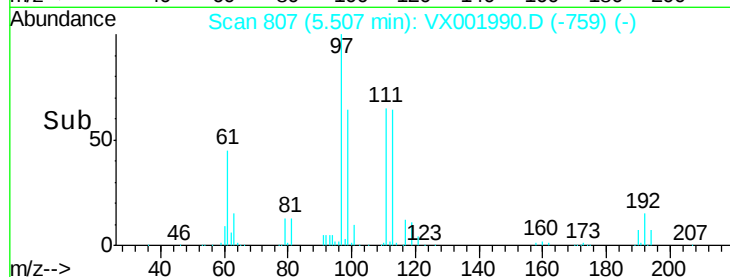
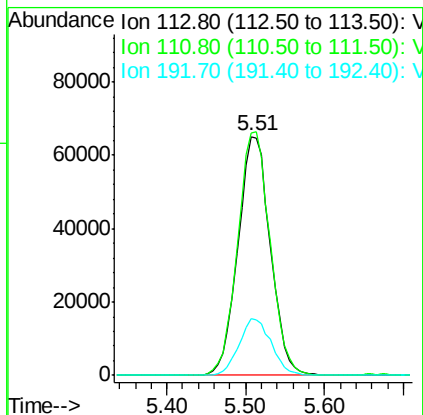
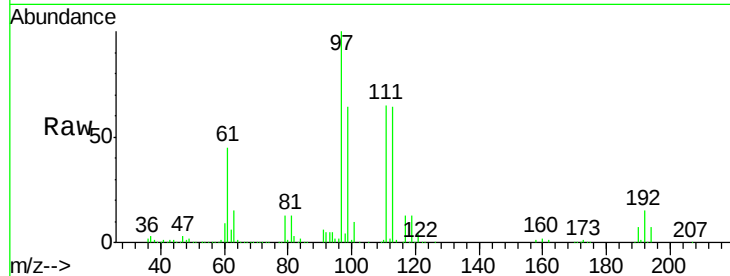
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	185432
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.0	123.0
192	23.8	18.9	28.3

Manual Integrations
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5/29/2018 4:39:24 PM



#36

1,1-Dichloropropene

Concen: 47.845 ug/l

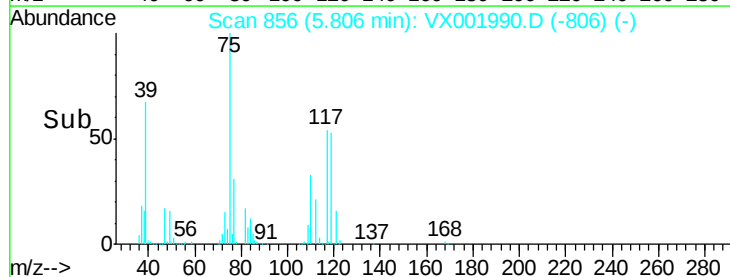
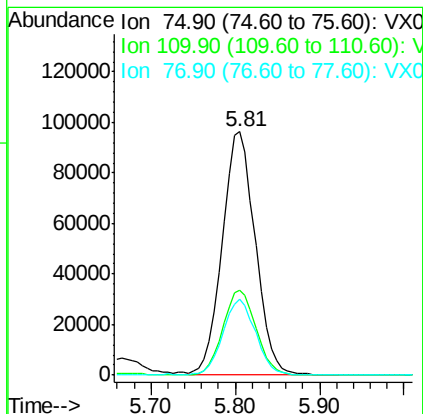
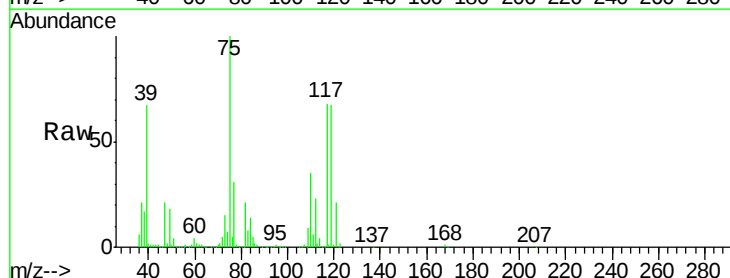
RT: 5.81 min Scan# 856

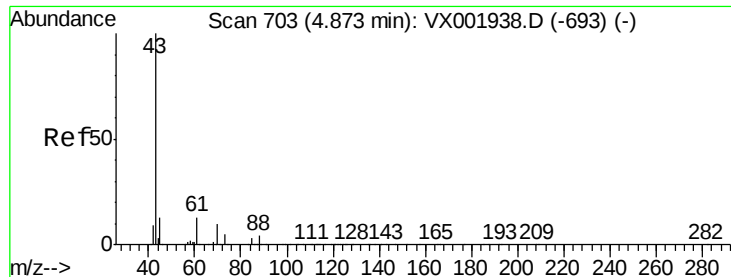
Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion:	75	Resp:	255834
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.4	52.2
77	30.5	24.4	36.6





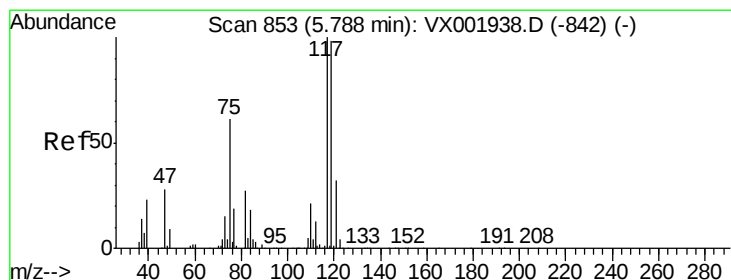
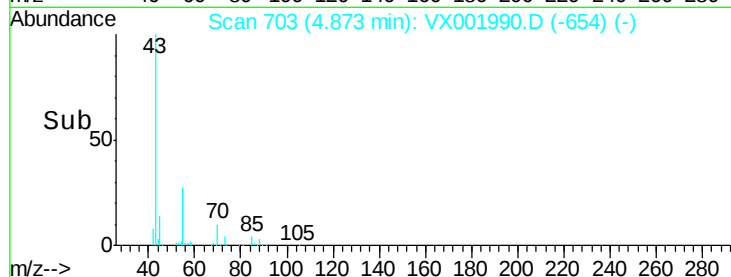
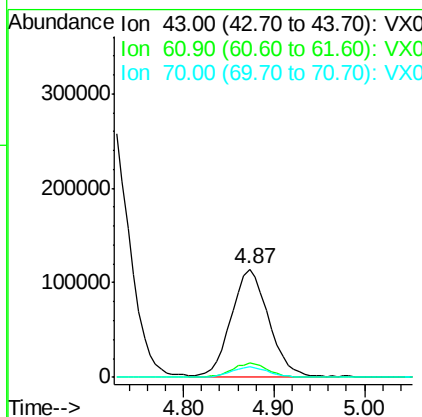
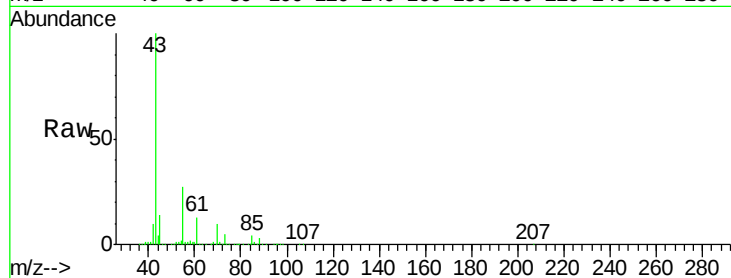
#37
Ethyl Acetate
Concen: 46.380 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.2
70	9.3	7.8	11.8

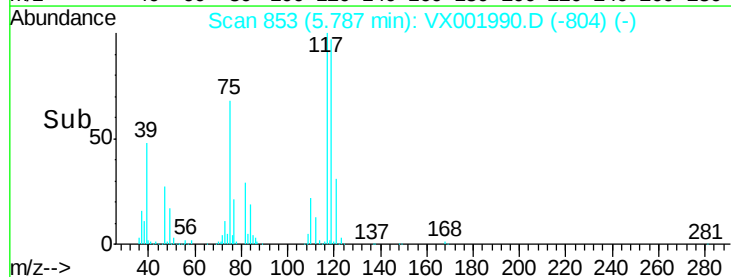
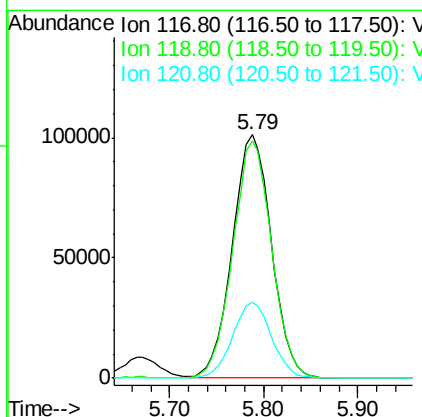
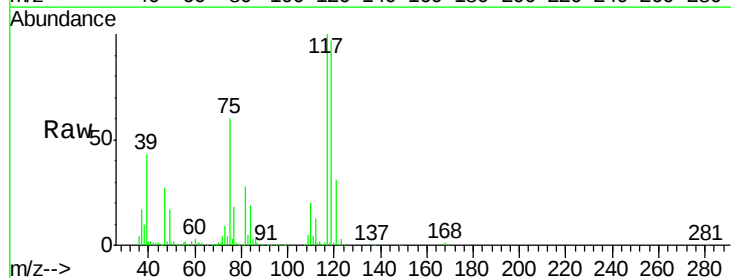
Manual Integrations
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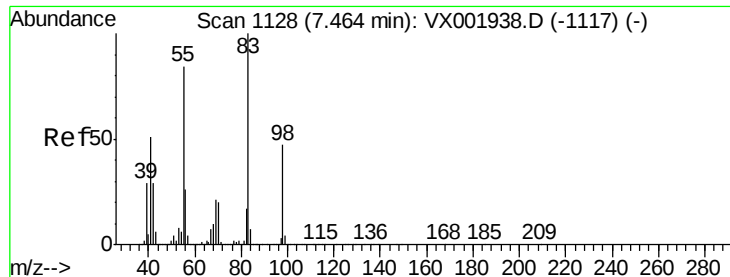
MMDadoda
5/29/2018 4:39:24 PM



#38
Carbon Tetrachloride
Concen: 47.037 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.5	117.7
121	31.1	25.5	38.3





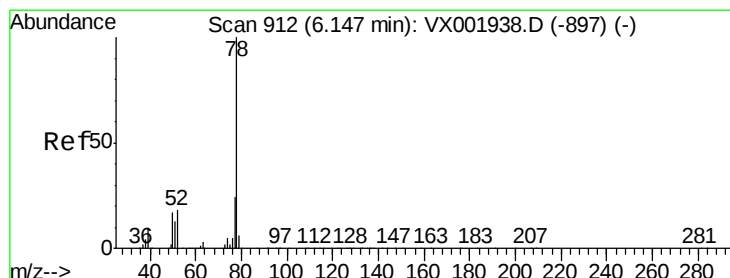
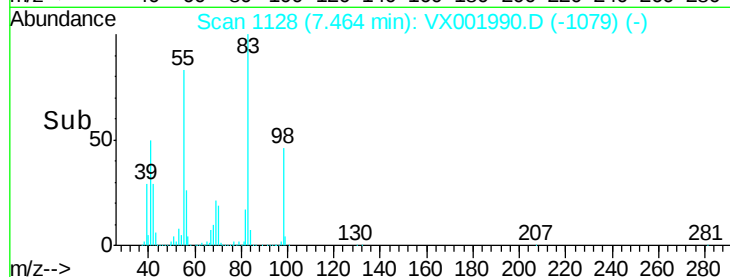
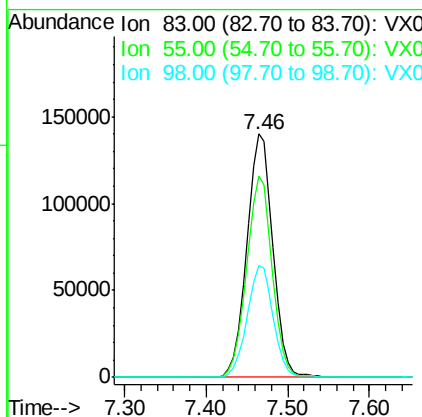
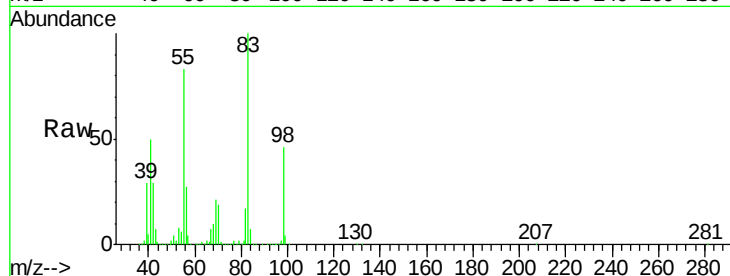
#39
Methvlcvclohexane
Concen: 47.173 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	67.3	100.9
98	45.9	37.5	56.3

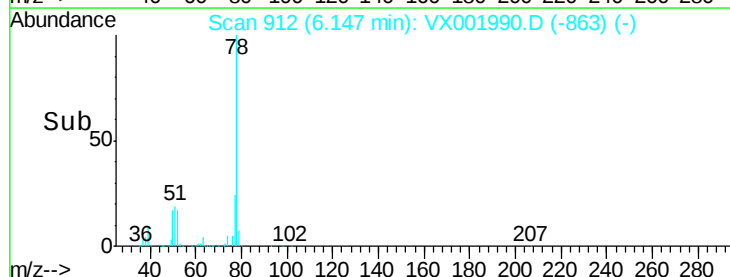
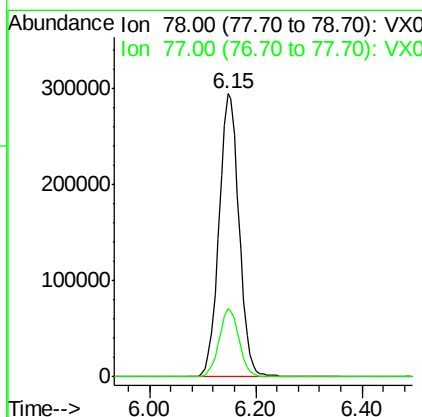
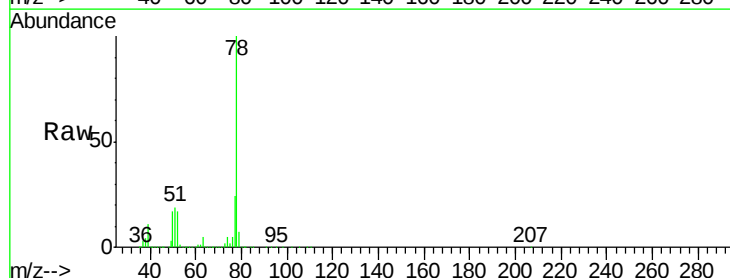
Manual Integrations
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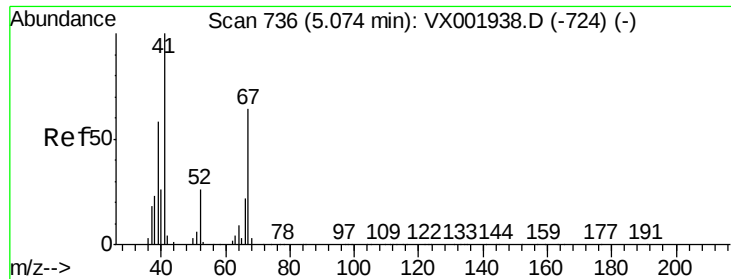
MMDadoda
5/29/2018 4:39:24 PM



#40
Benzene
Concen: 49.493 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





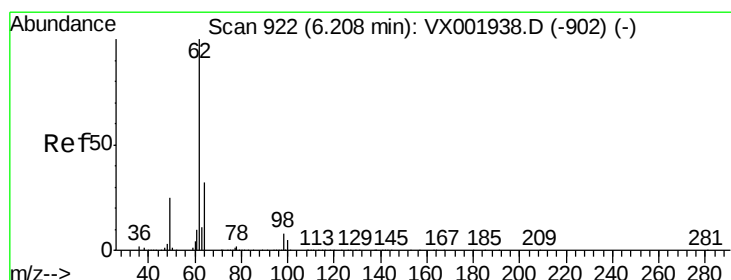
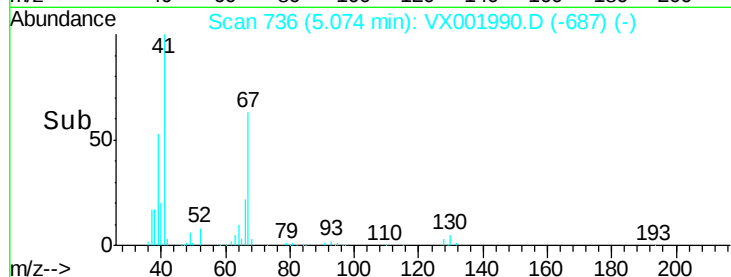
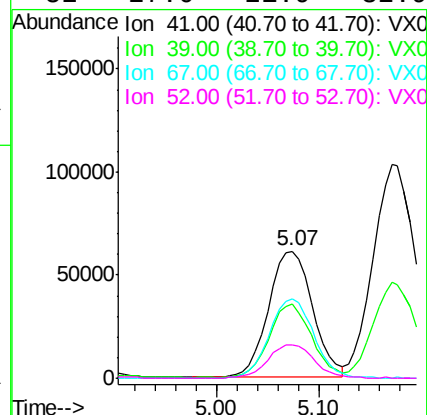
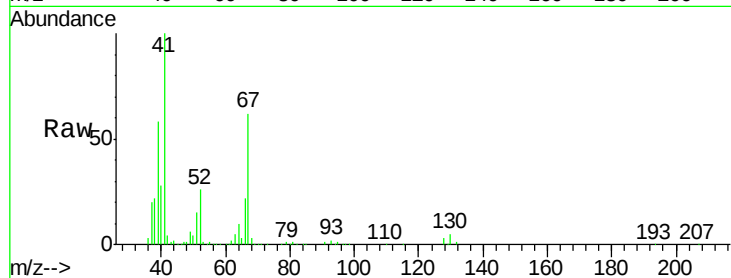
#41
Methacrylonitrile
Concen: 50.225 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		184738		
39	56.0	46.0	69.0		
67	62.8	50.6	75.8		
52	27.0	21.9	32.9		

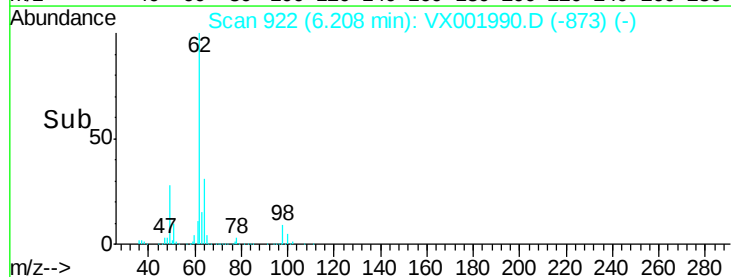
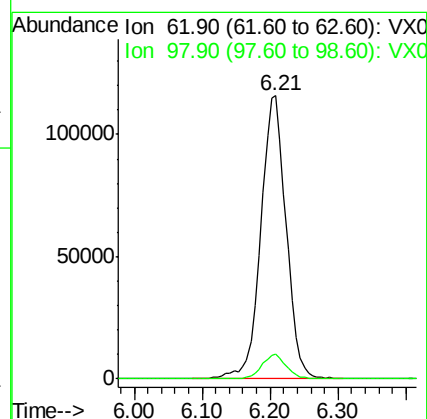
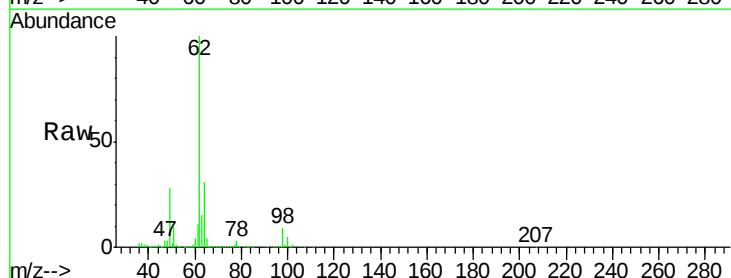
Manual Integrations
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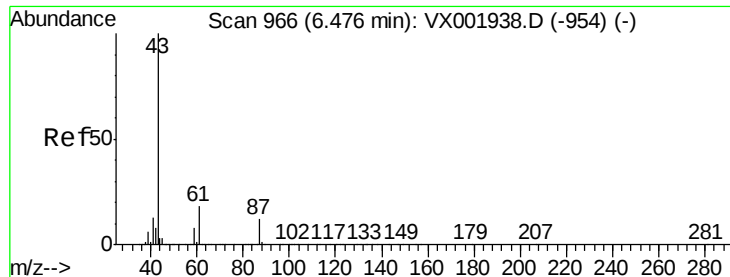
MMDadoda
5/29/2018 4:39:24 PM



#42
1,2-Dichloroethane
Concen: 48.181 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		301494		
98	8.4	0.0	17.0		





#43

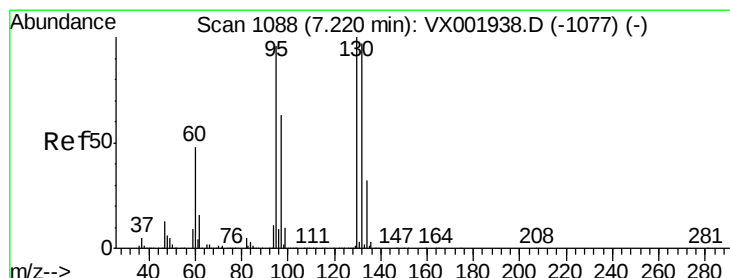
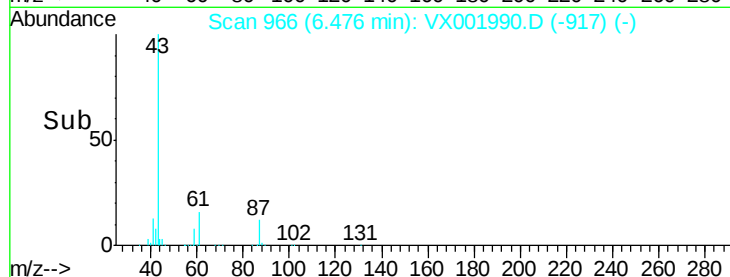
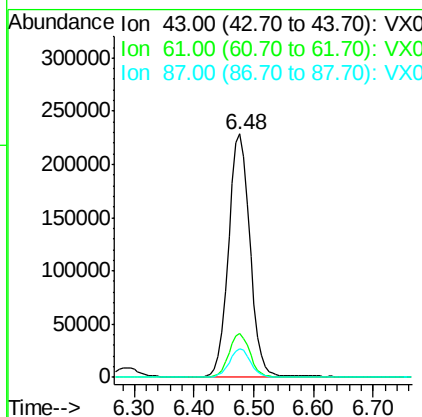
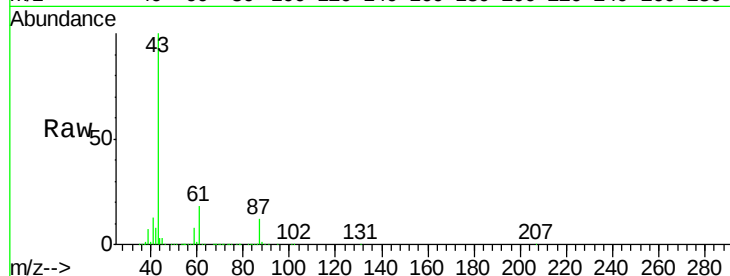
Isopropyl Acetate
 Concen: 48.923 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.5	21.7
87	11.5	9.5	14.3

Manual Integrations
 APPROVED

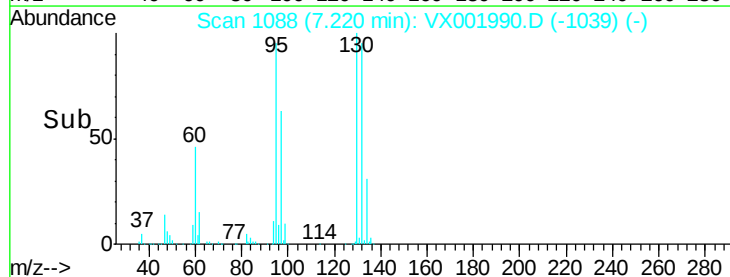
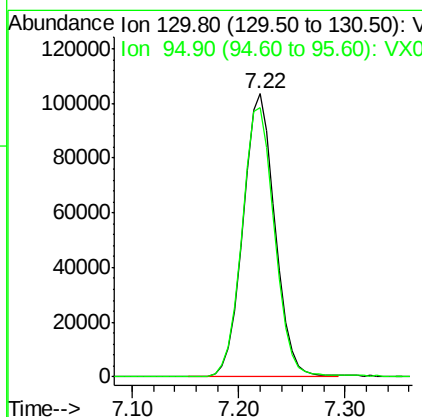
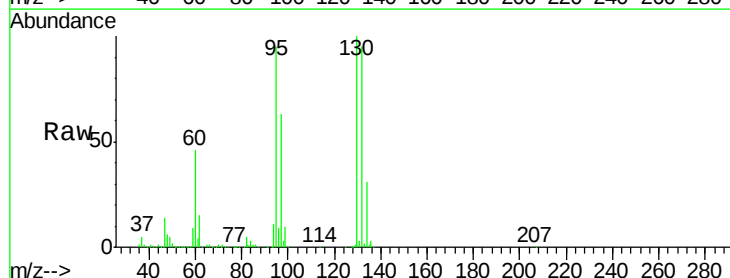
MMDadoda
 5/29/2018 4:39:24 PM

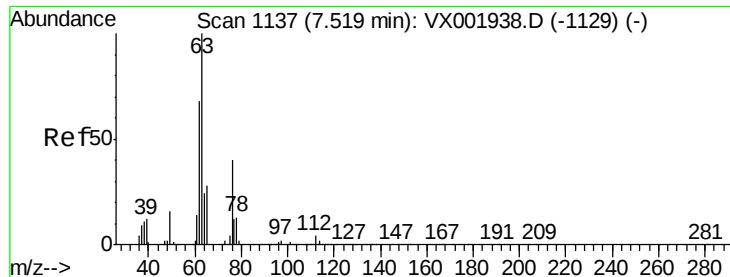


#44

Trichloroethene
 Concen: 47.699 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	192.0





#45

1,2-Dichloropropane

Concen: 49.820 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 211950

Ion Ratio Lower Upper

63 100

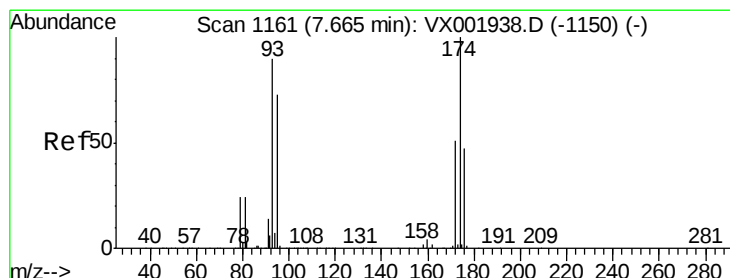
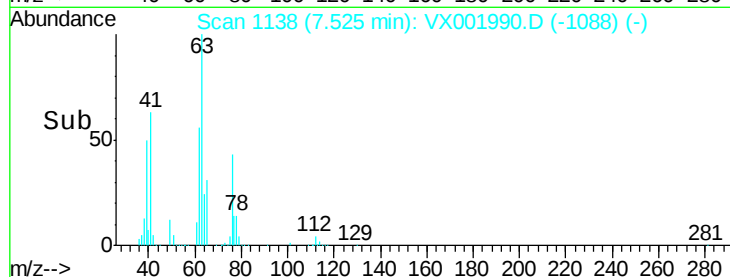
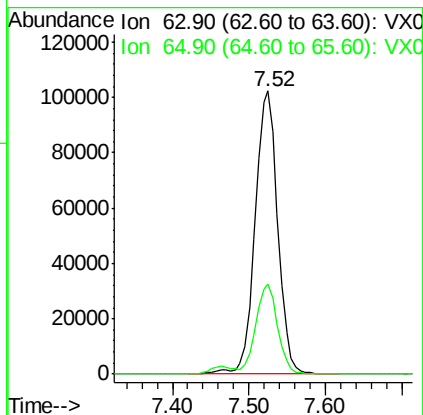
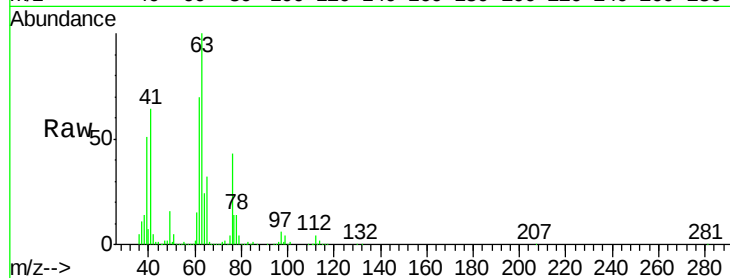
65 31.7 24.1 36.1

Manual Integrations

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5/29/2018 4:39:24 PM



#46

Dibromomethane

Concen: 49.062 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

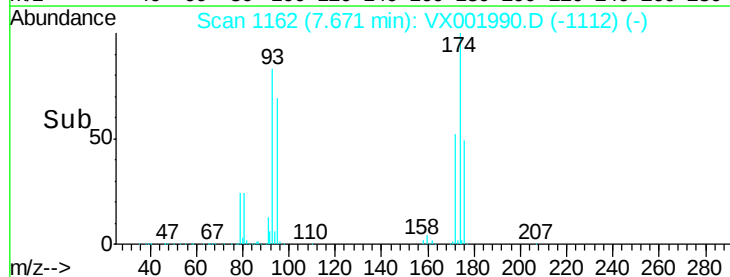
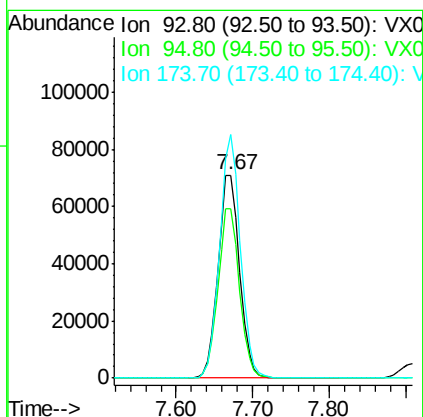
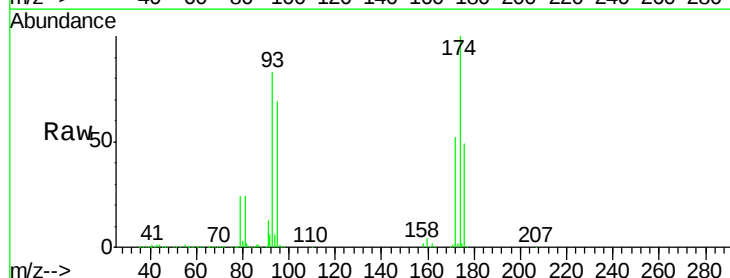
Tgt Ion: 93 Resp: 138192

Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 115.2 92.5 138.7





#47

Bromodichloromethane

Concen: 47.219 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

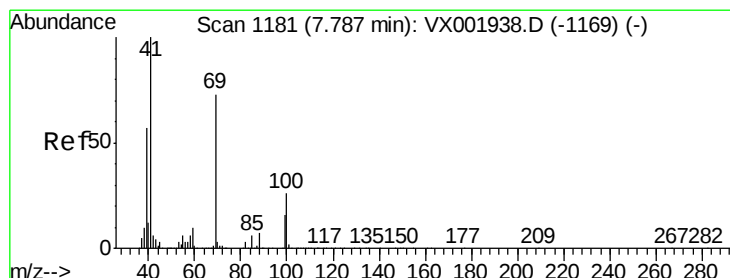
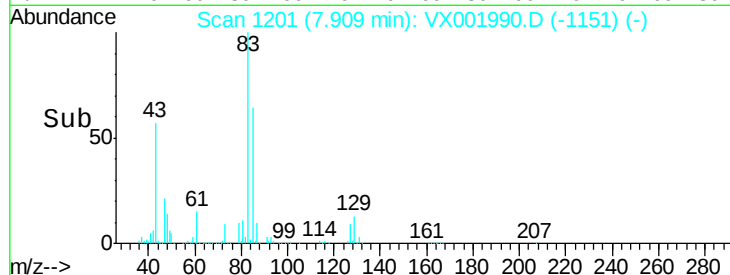
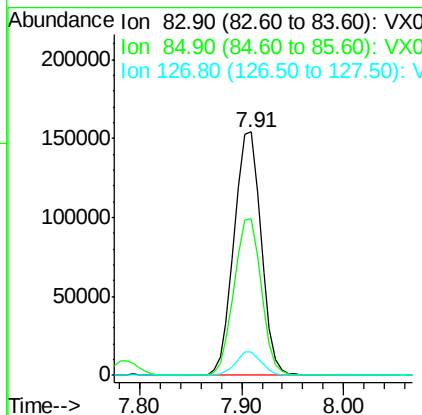
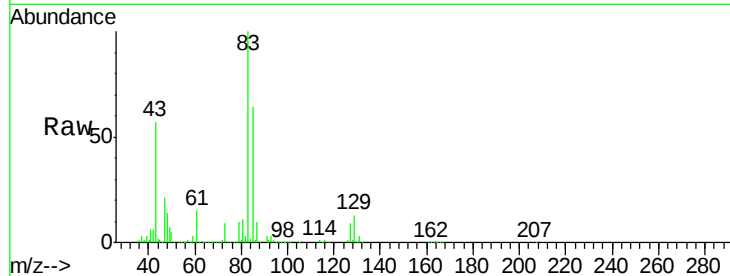
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	283586
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.4	77.2
127	9.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.122 ug/l

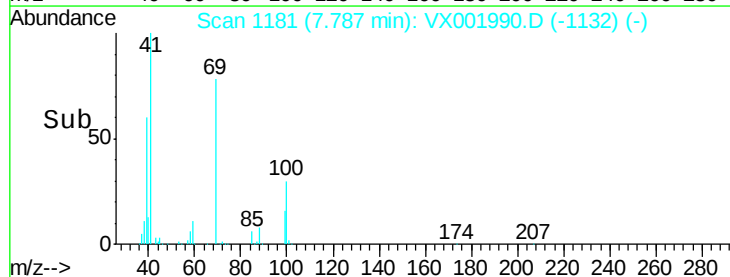
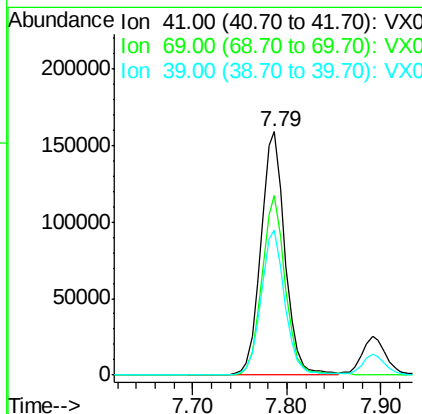
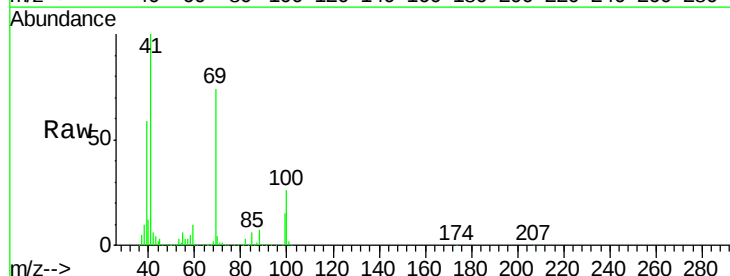
RT: 7.79 min Scan# 1181

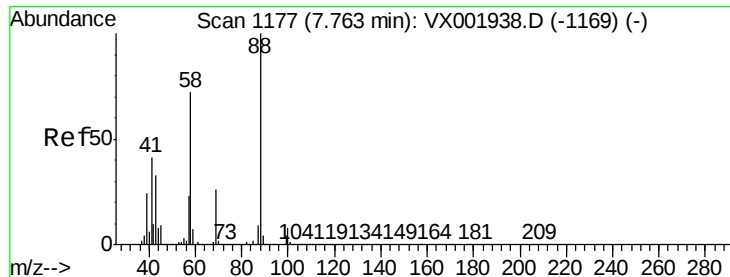
Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion:	41	Resp:	284483
Ion Ratio	Lower	Upper	
41	100		
69	71.8	58.6	87.8
39	58.7	46.3	69.5





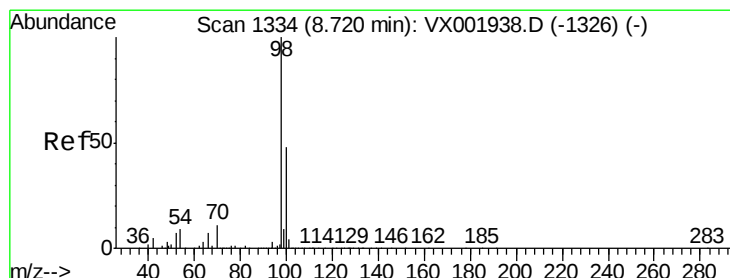
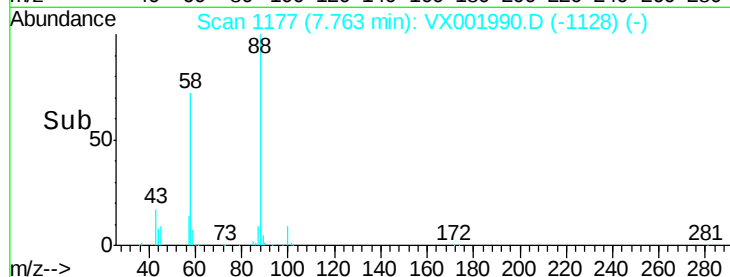
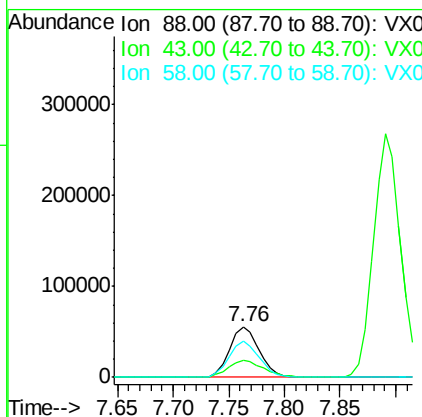
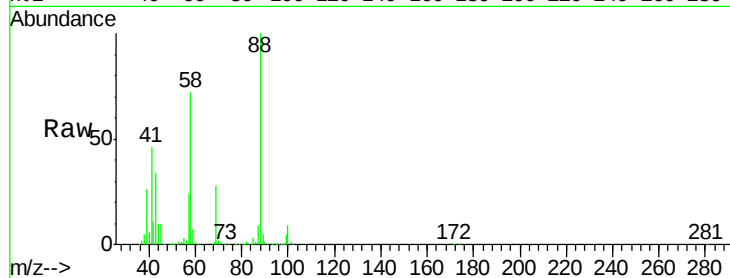
#49
1,4-Dioxane
Concen: 988.445 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.9	29.8	44.8
58	73.8	58.7	88.1

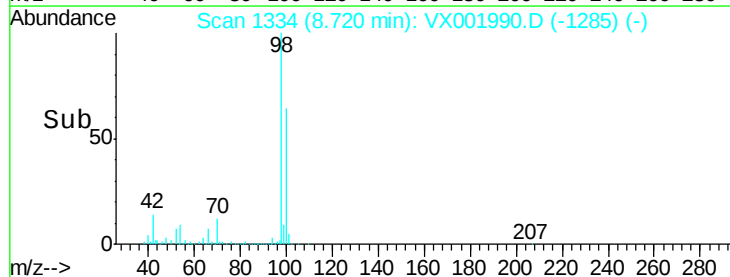
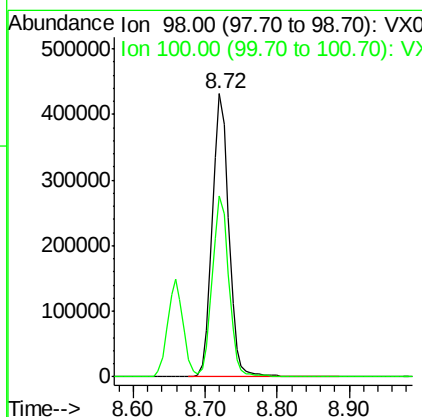
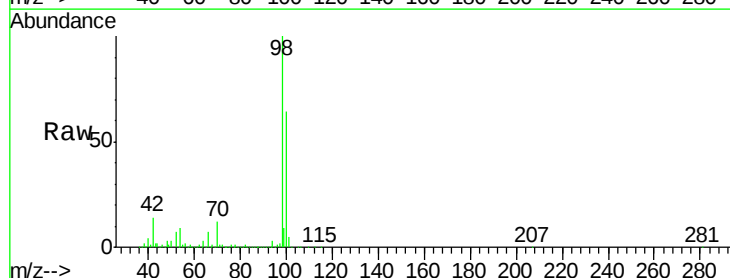
Manual Integrations
APPROVED

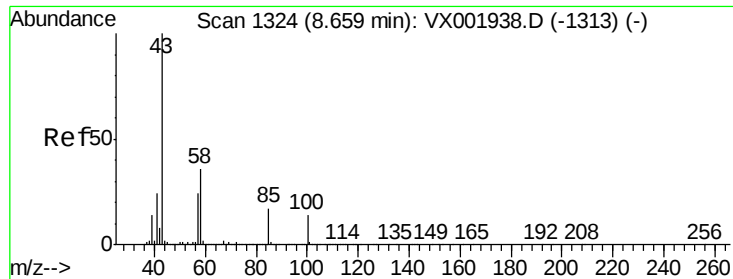
MMDadoda
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#50
Toluene-d8
Concen: 49.314 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3





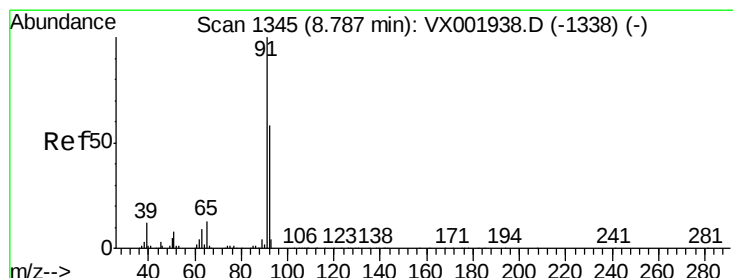
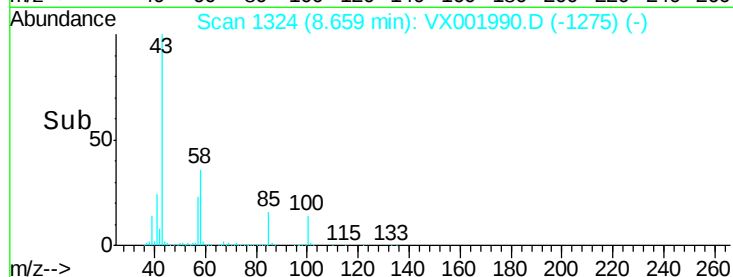
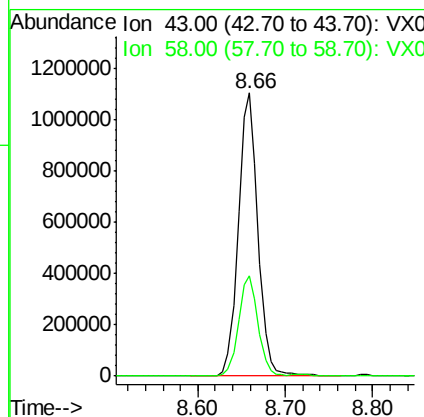
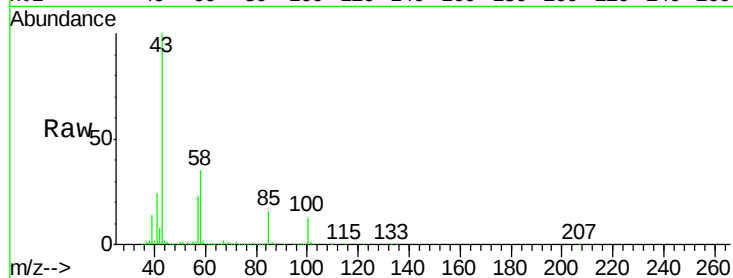
#51
4-Methyl-2-Pentanone
Concen: 246.932 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1729001
Ion Ratio Lower Upper
43 100
58 35.0 28.5 42.7

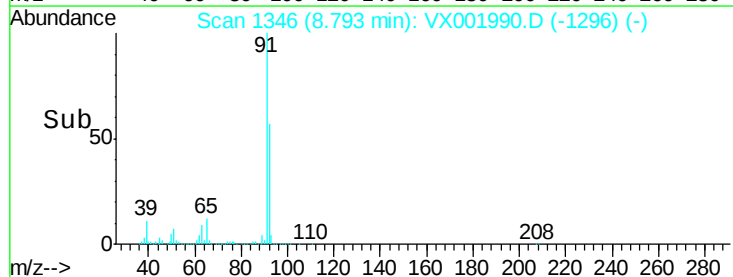
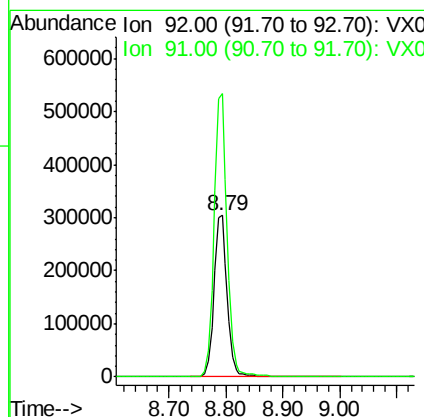
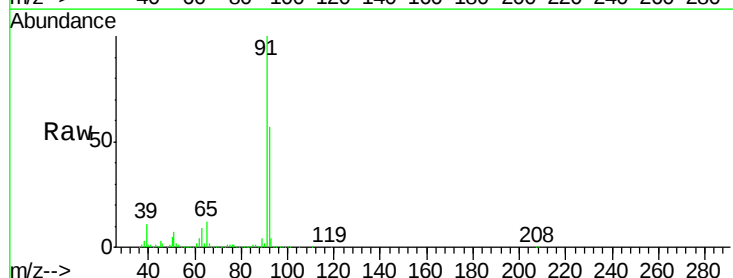
Manual Integrations
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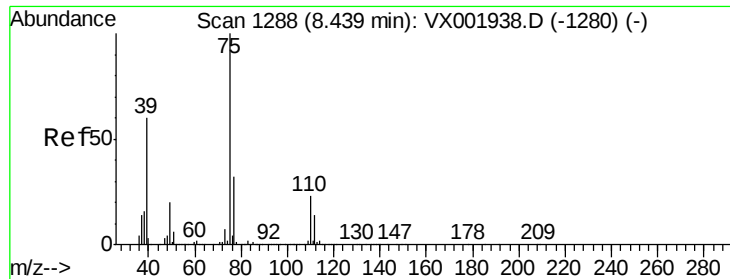
MMDadoda
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#52
Toluene
Concen: 49.080 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 92 Resp: 489309
Ion Ratio Lower Upper
92 100
91 174.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 47.628 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 329446

Ion Ratio Lower Upper

75 100

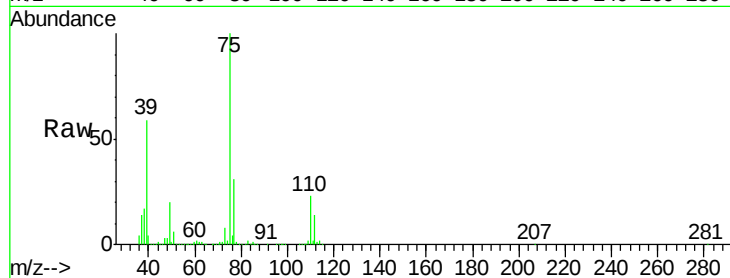
77 30.9 25.5 38.3

Manual Integrations

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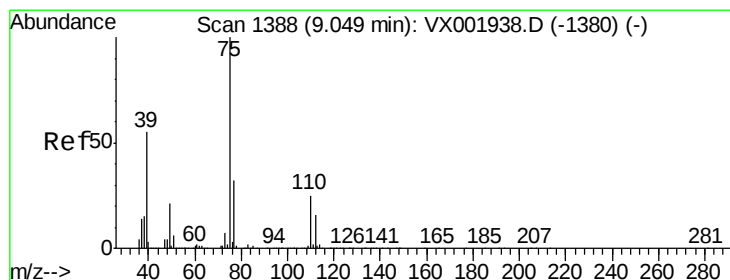
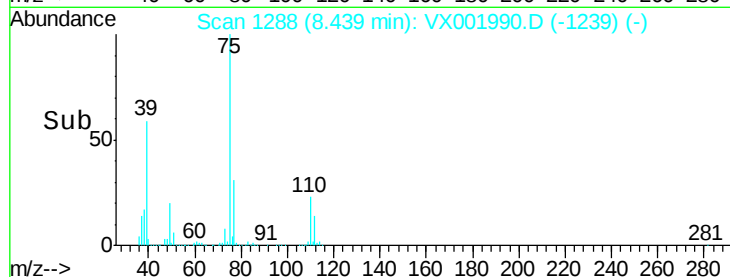
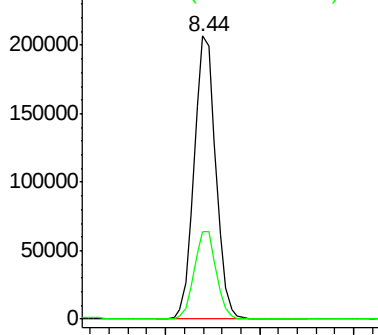
MMDadoda

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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: 46.953 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

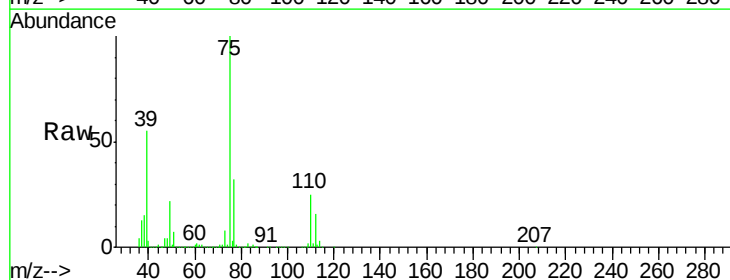
Tgt Ion: 75 Resp: 316477

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

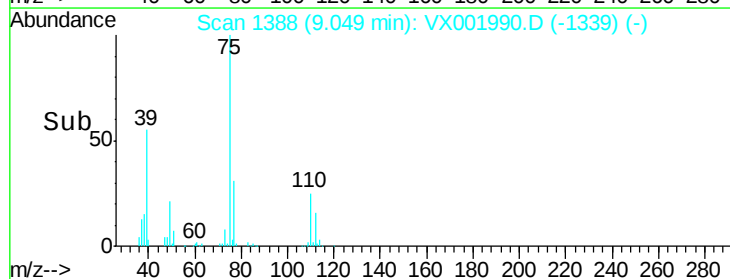
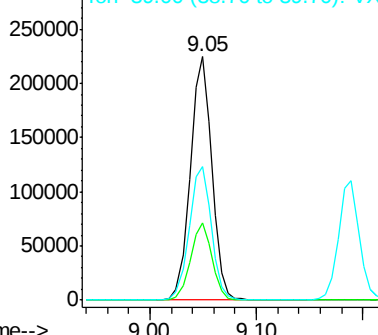
39 54.8 44.1 66.1

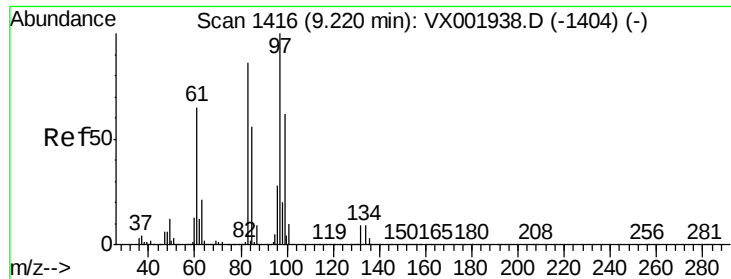


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





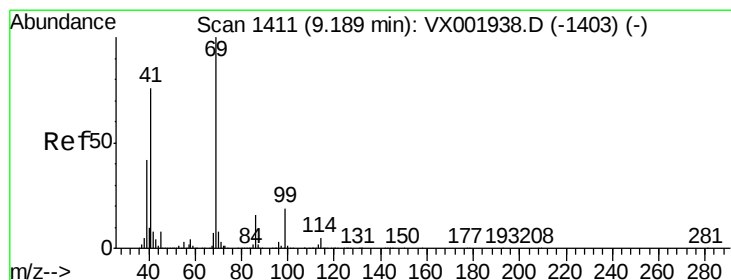
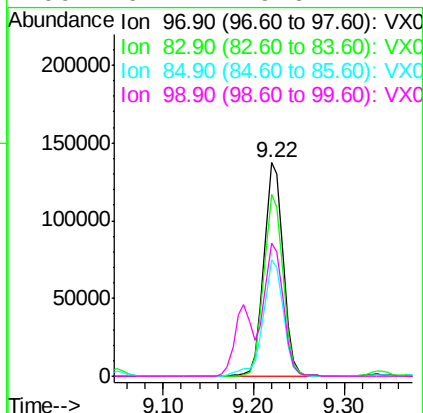
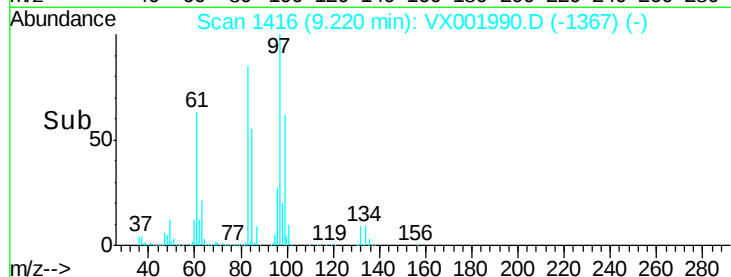
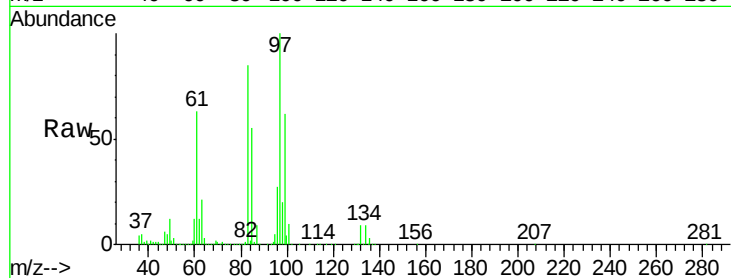
#55
 1,1,2-Trichloroethane
 Concen: 48.738 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	202981
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.1	103.7
85	54.8	45.2	67.8
99	62.4	49.6	74.4

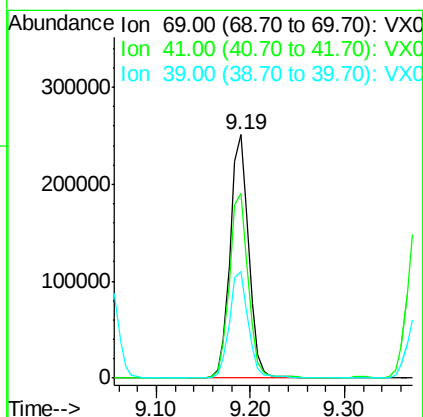
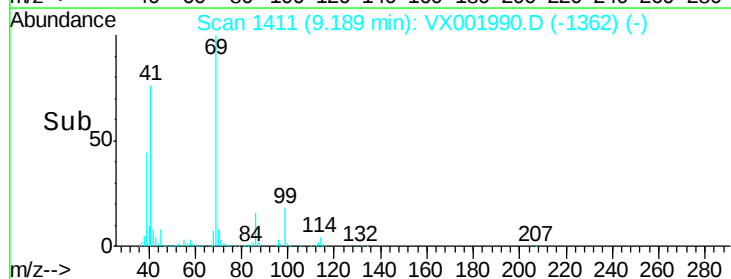
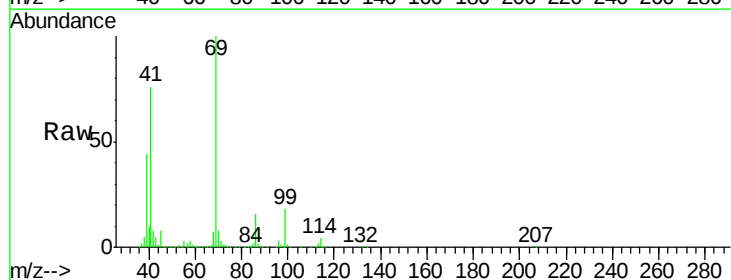
Manual Integrations
 APPROVED

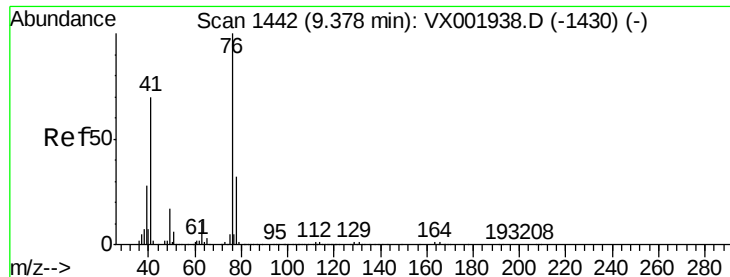
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 5/29/2018 4:39:24 PM



#56
 Ethyl methacrylate
 Concen: 47.791 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion:	69	Resp:	342358
Ion	Ratio	Lower	Upper
69	100		
41	76.8	61.0	91.6
39	44.1	34.4	51.6





#57

1,3-Dichloropropane

Concen: 49.147 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 337199

Ion Ratio Lower Upper

76 100

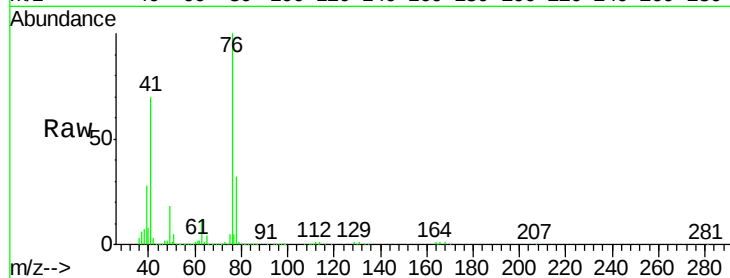
78 32.4 25.6 38.4

Manual Integrations

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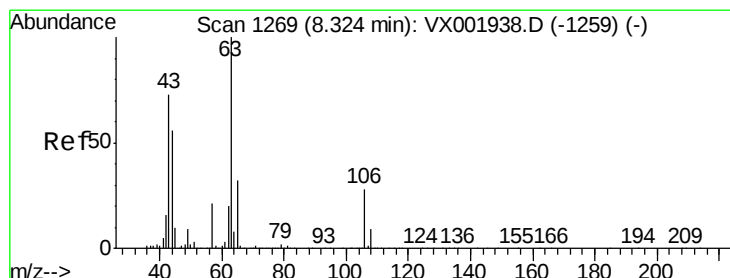
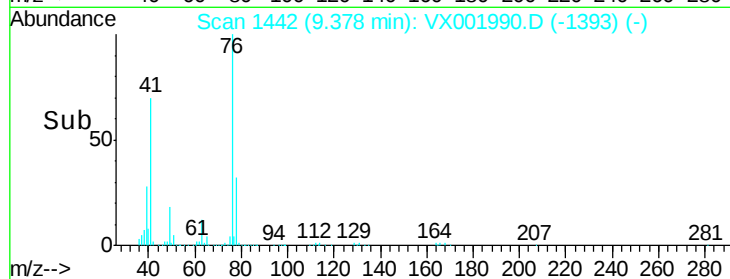
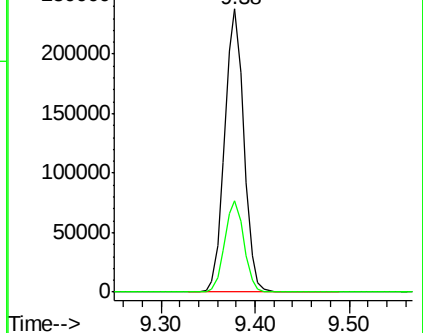
MMDadoda

5/29/2018 4:39:24 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 251.574 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001990.D

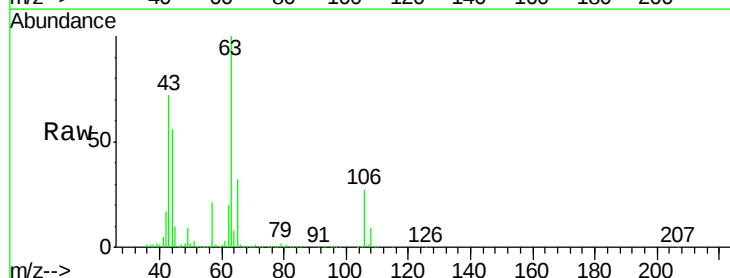
Acq: 25 May 2018 21:30

Tgt Ion: 63 Resp: 798768

Ion Ratio Lower Upper

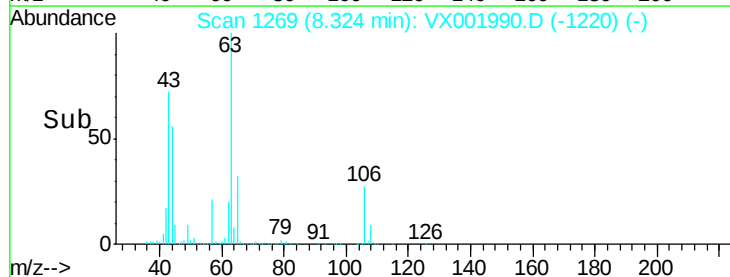
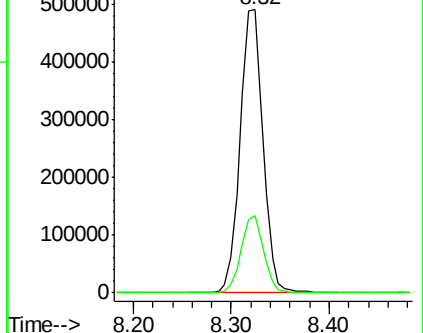
63 100

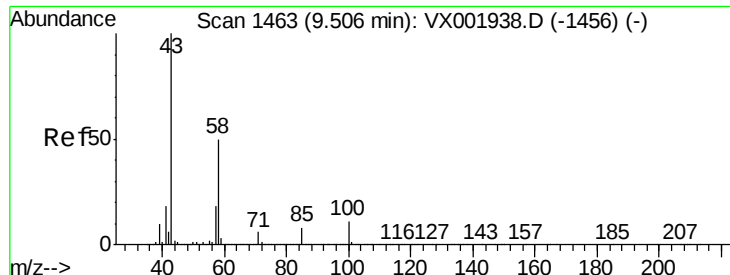
106 26.8 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





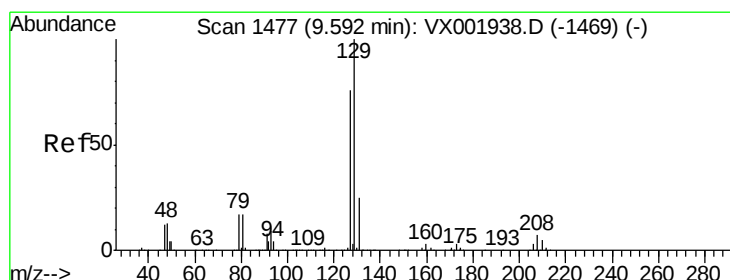
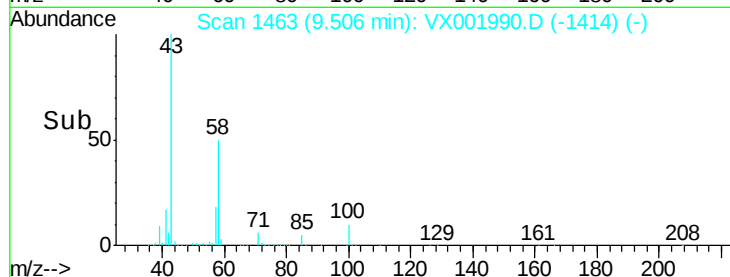
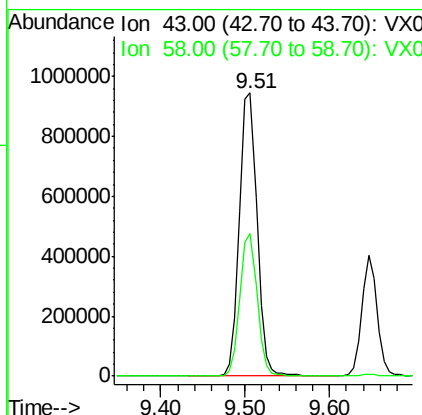
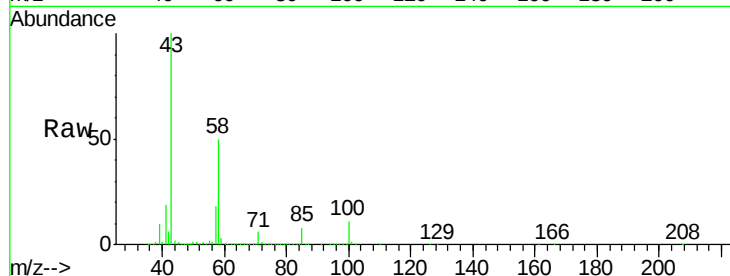
#59
2-Hexanone
Concen: 244.957 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1322513
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6

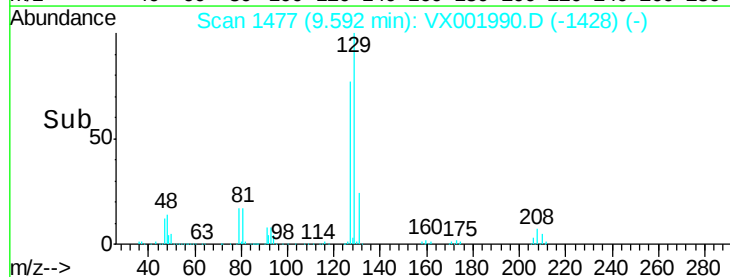
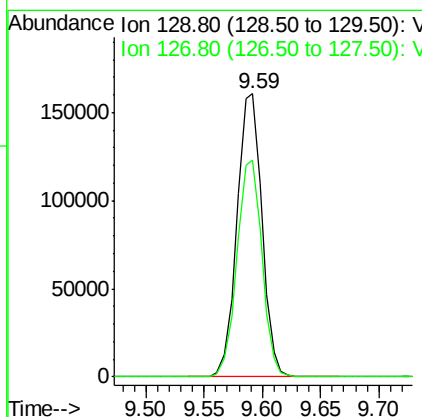
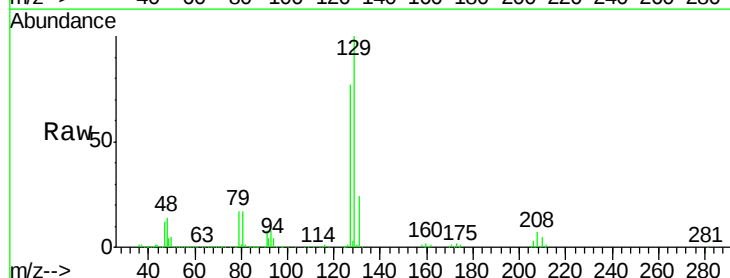
Manual Integrations
APPROVED

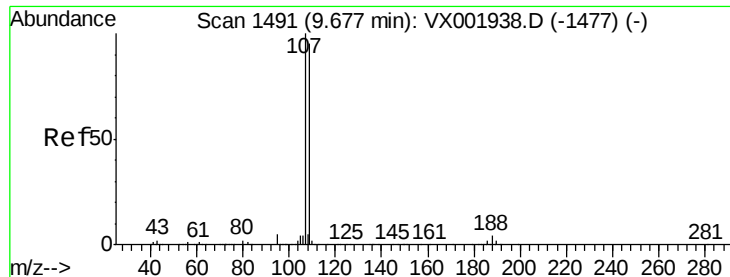
MMDadoda
5/29/2018 4:39:24 PM



#60
Dibromochloromethane
Concen: 48.801 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 129 Resp: 240734
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 49.291 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 215405

Ion Ratio Lower Upper

107 100

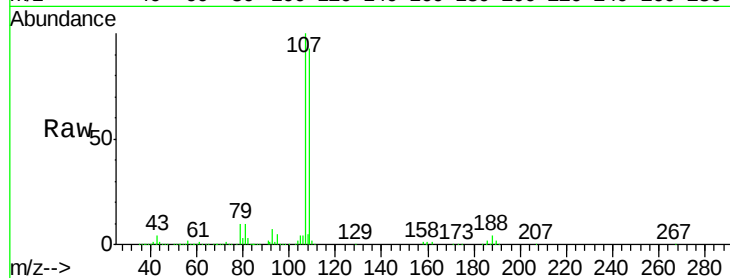
109 93.9 75.3 112.9

Manual Integrations

APPROVED

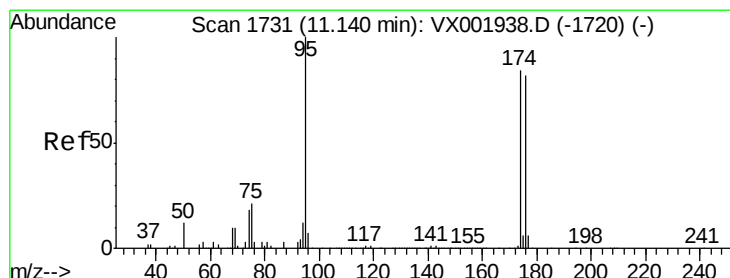
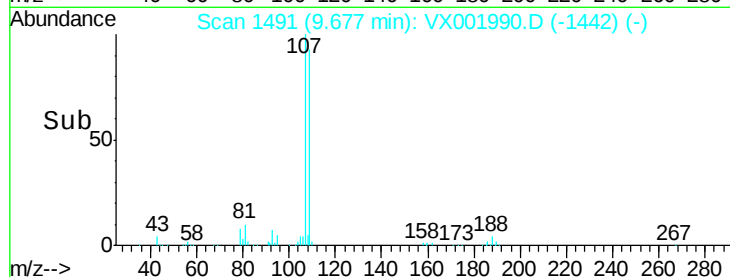
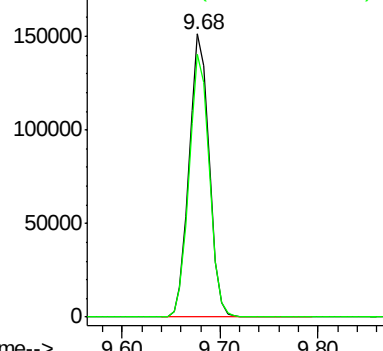
MMDadoda

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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: 49.815 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

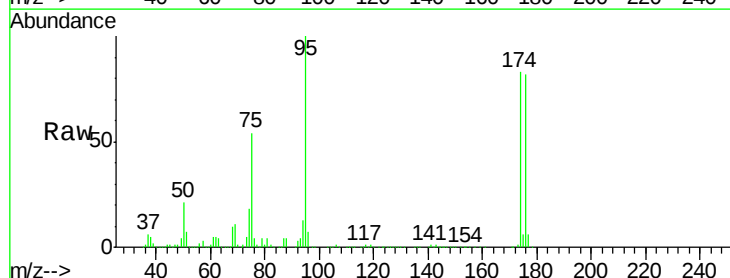
Tgt Ion: 95 Resp: 271254

Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.8

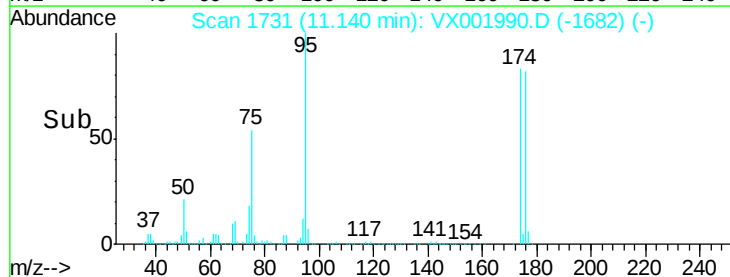
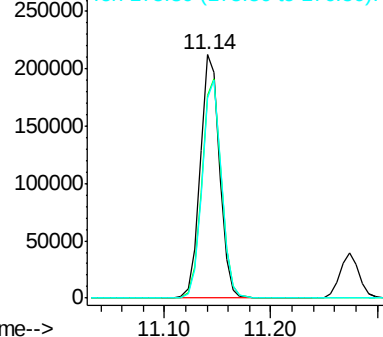
176 89.0 0.0 175.6



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





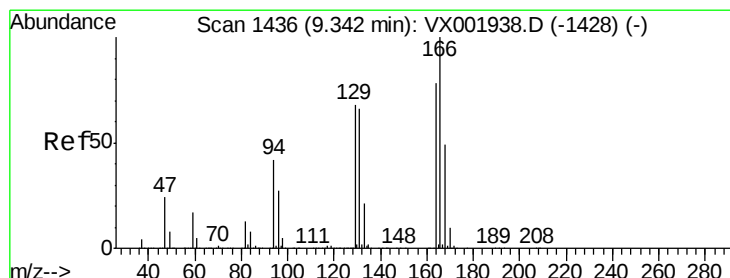
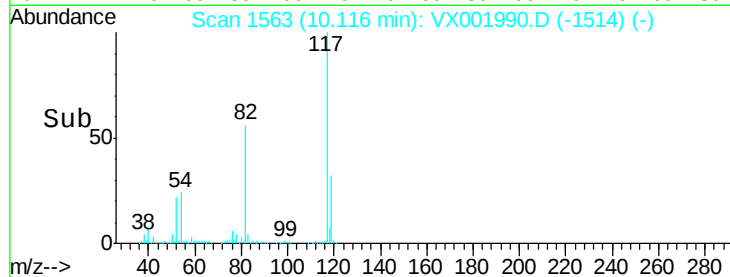
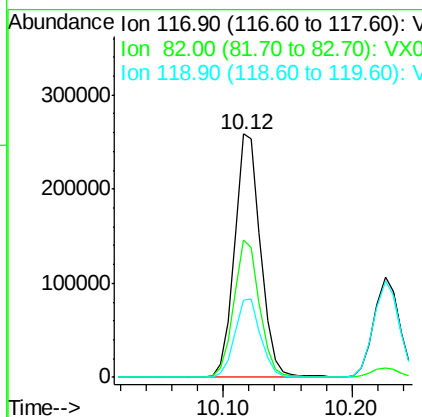
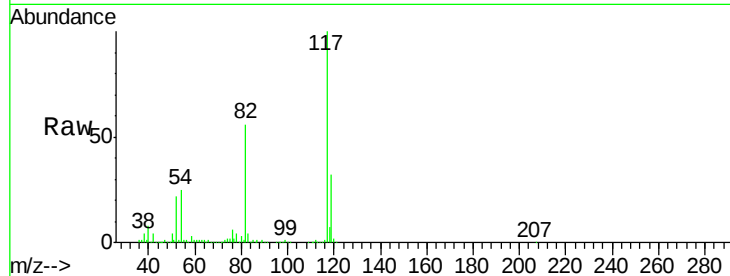
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	31.5	25.5	38.3

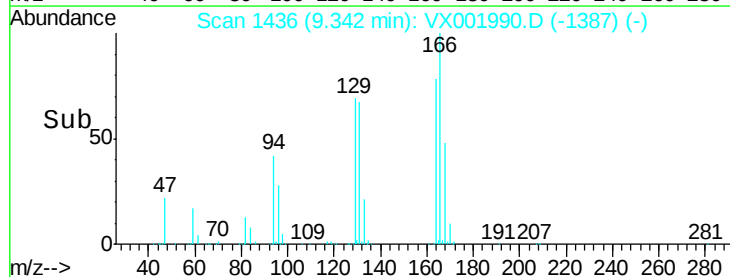
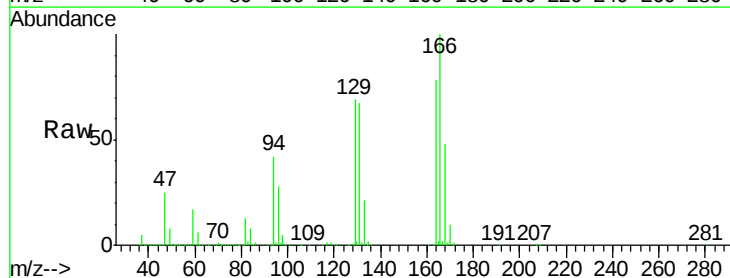
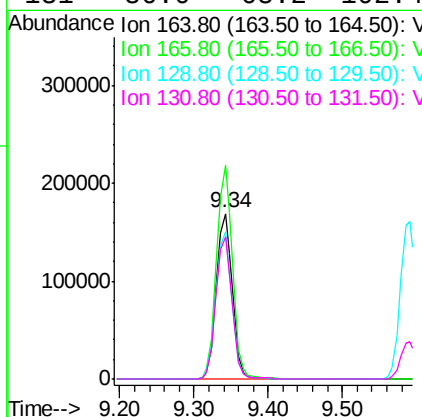
Manual Integrations
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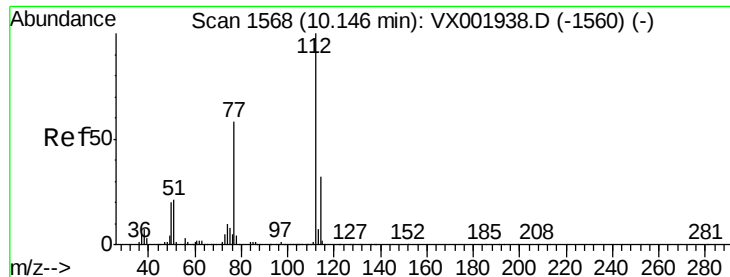
MMDadoda
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#64
Tetrachloroethene
Concen: 47.986 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.7	154.1
129	89.2	70.3	105.5
131	86.0	68.2	102.4





#65

Chlorobenzene

Concen: 47.830 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 550753

Ion Ratio Lower Upper

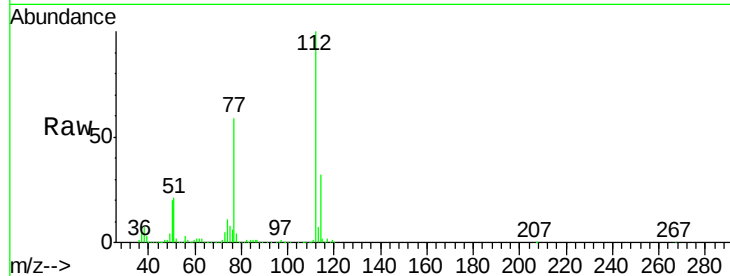
112 100

114 32.4 25.9 38.9

Manual Integrations
APPROVED

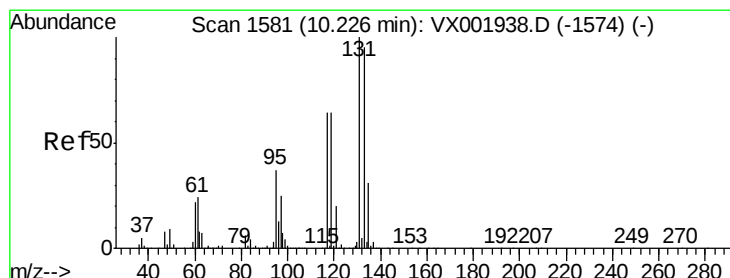
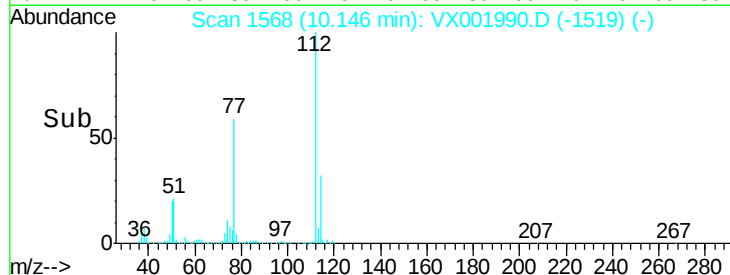
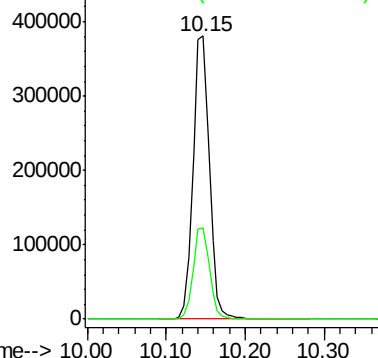
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.799 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

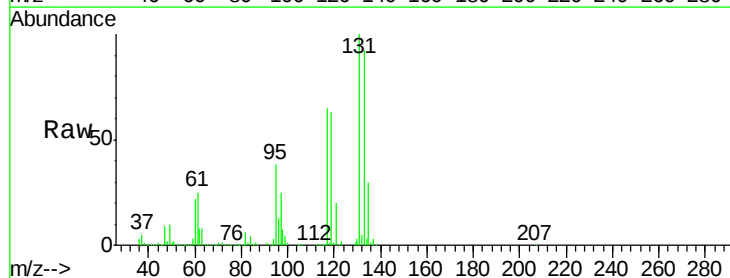
Tgt Ion:131 Resp: 222254

Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.0

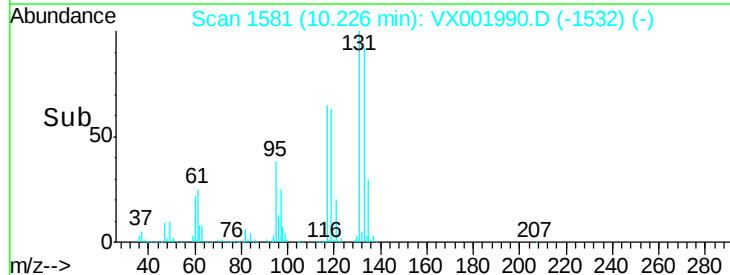
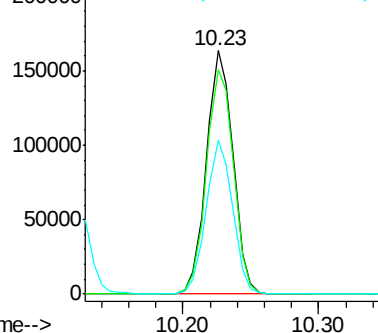
119 62.9 31.9 95.5

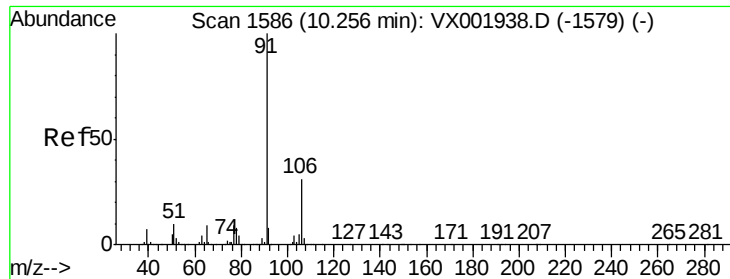


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.026 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 960822

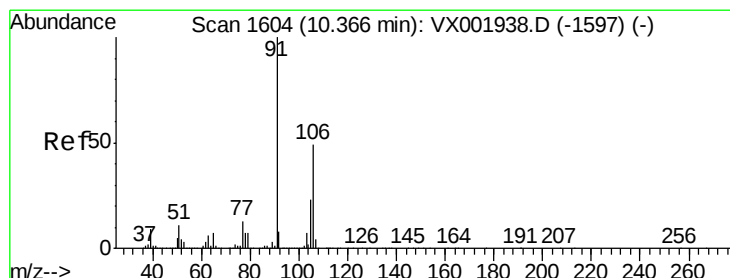
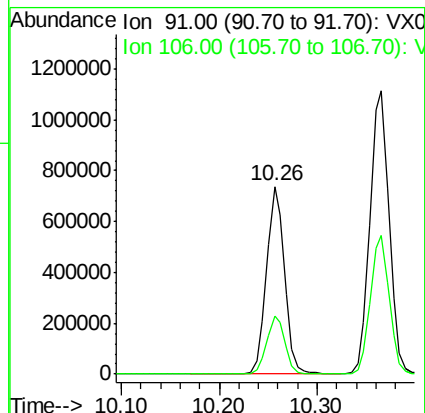
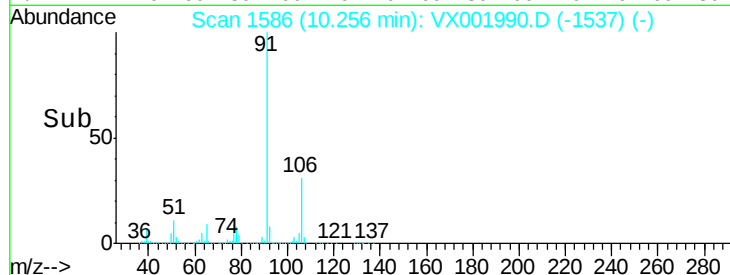
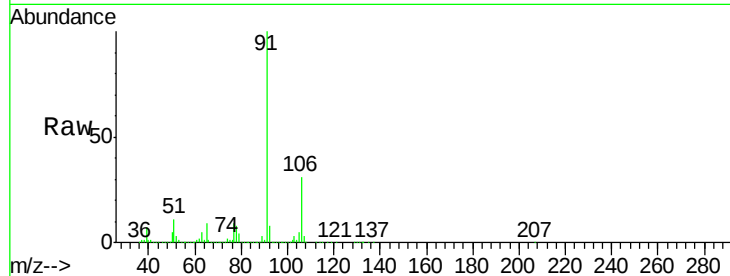
Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 96.299 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001990.D

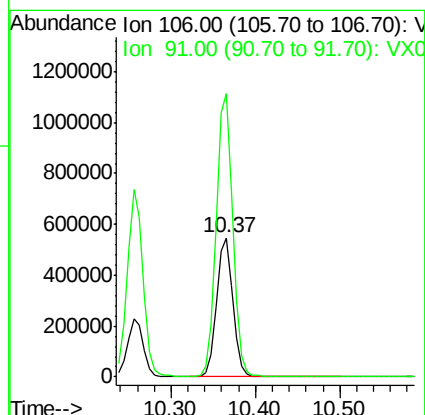
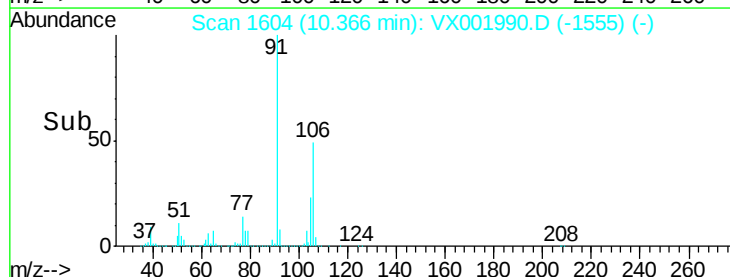
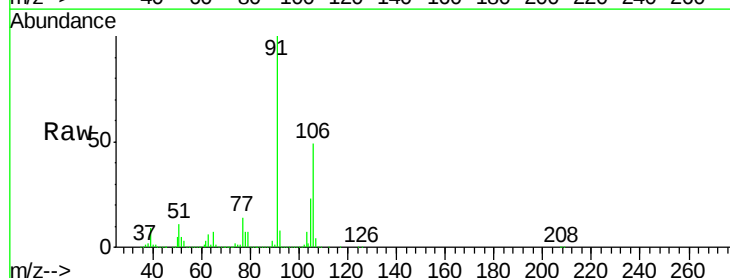
Acq: 25 May 2018 21:30

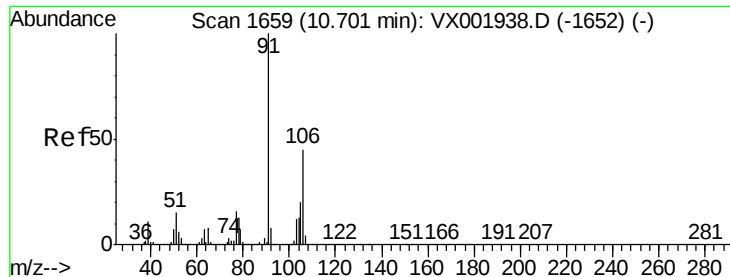
Tgt Ion: 106 Resp: 736473

Ion Ratio Lower Upper

106 100

91 206.6 165.0 247.6





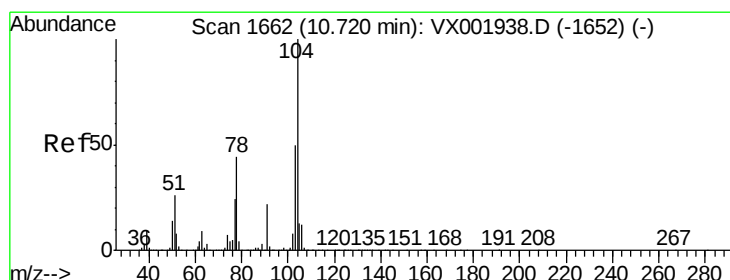
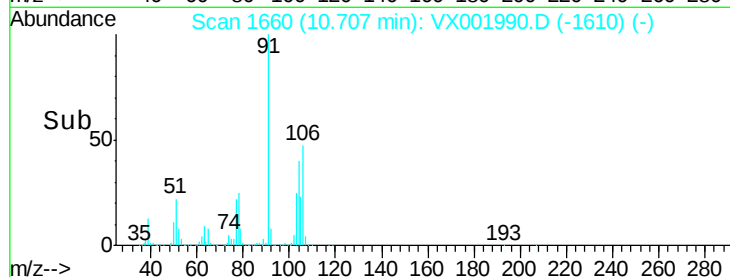
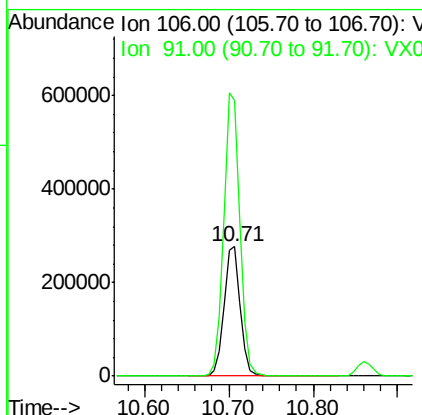
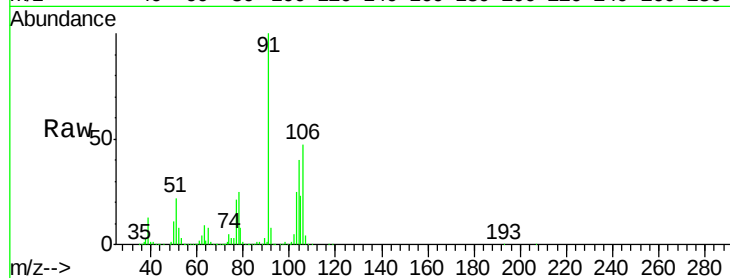
#69
o-Xylene
Concen: 48.202 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.1	108.7	325.9

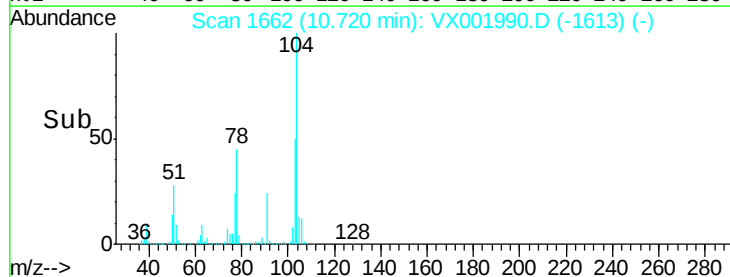
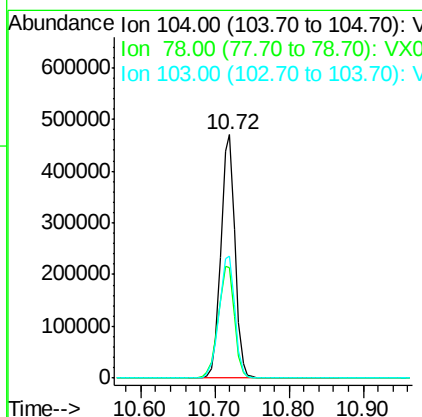
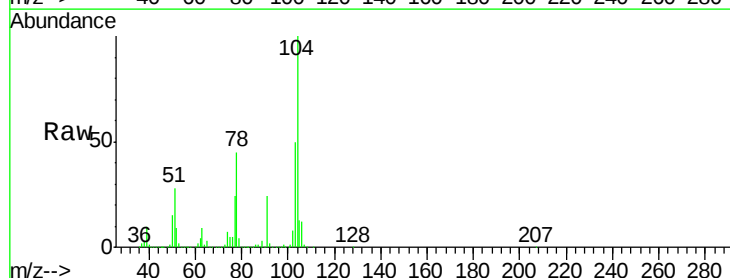
Manual Integrations
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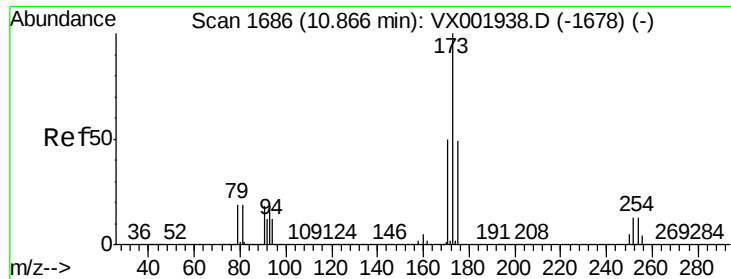
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#70
Styrene
Concen: 48.537 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.8	62.6
103	55.8	44.6	67.0





#71

Bromoform

Concen: 46.460 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

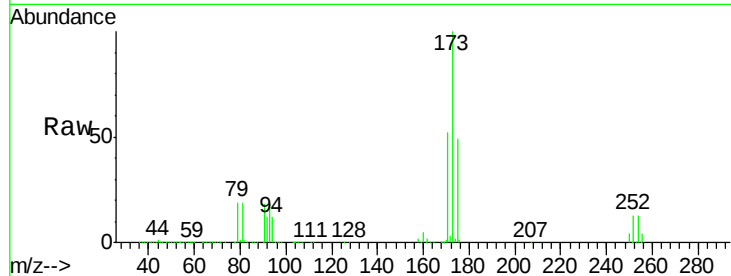
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	204839		
175	48.9	24.3	72.9	
254	0.2	0.1	0.1#	

Manual Integrations
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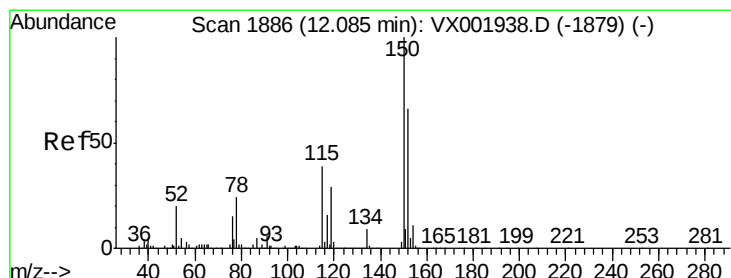
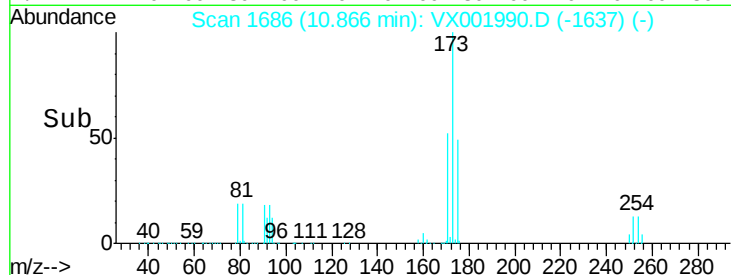
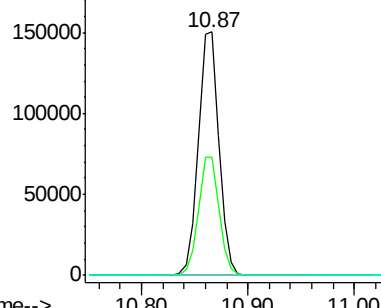


Abundance

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

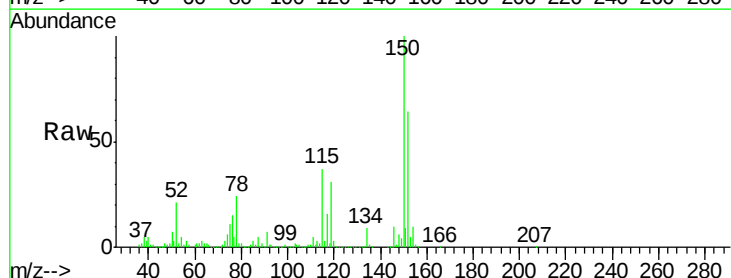
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	248204		
115	83.7	42.3	126.8	
150	174.7	0.0	351.0	

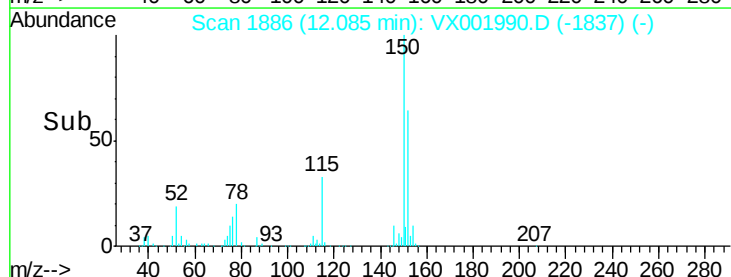
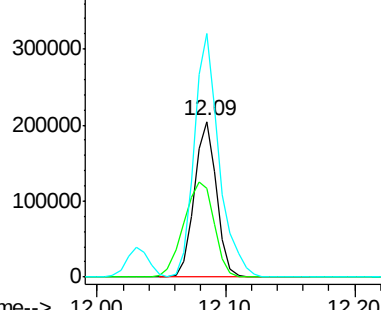


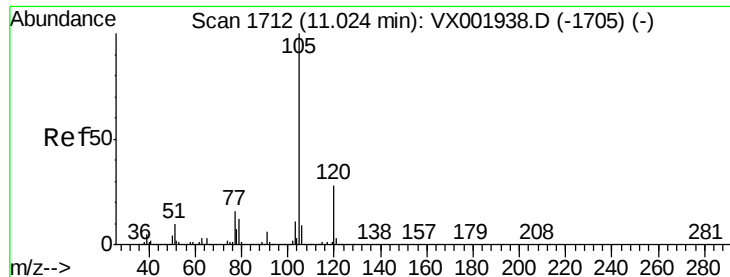
Abundance

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: 46.981 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 987448

Ion Ratio Lower Upper

105 100

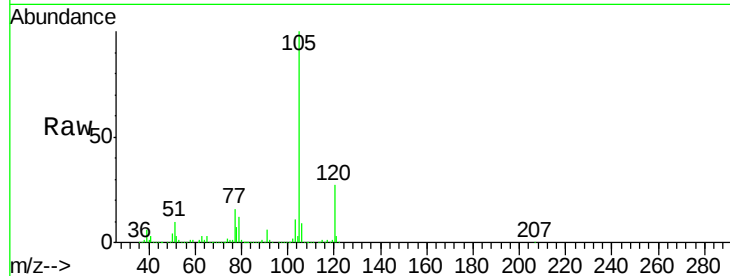
120 26.7 13.6 40.7

Manual Integrations

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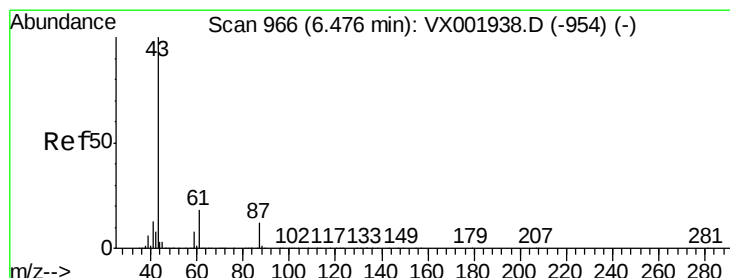
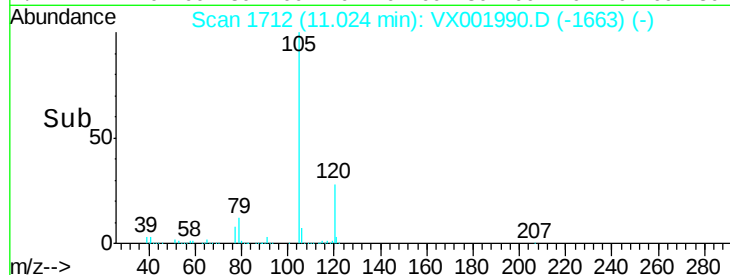
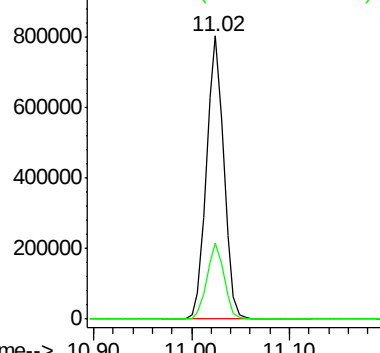
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.260 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion: 43 Resp: 568254

Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

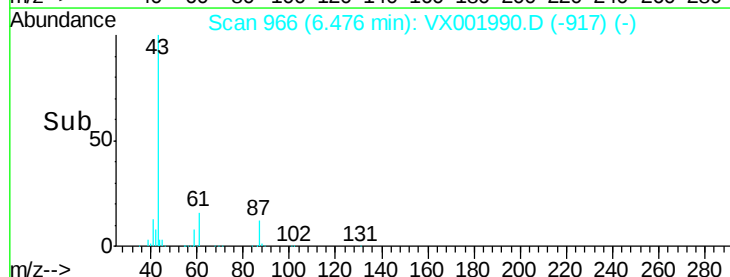
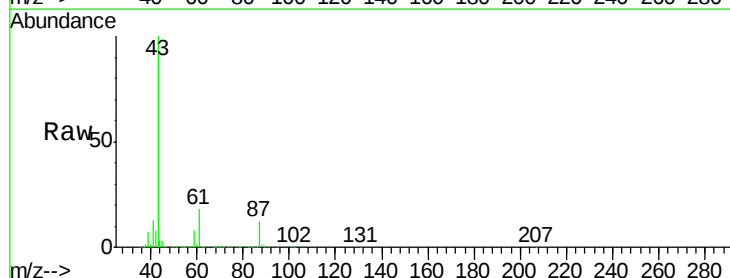
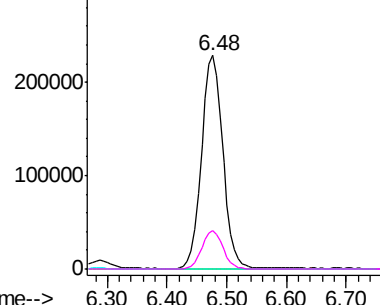
61 17.9 14.5 21.7

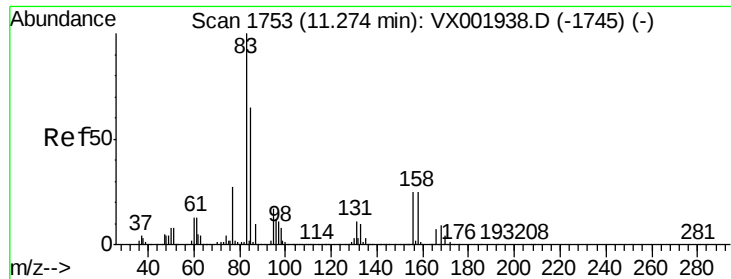
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.641 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

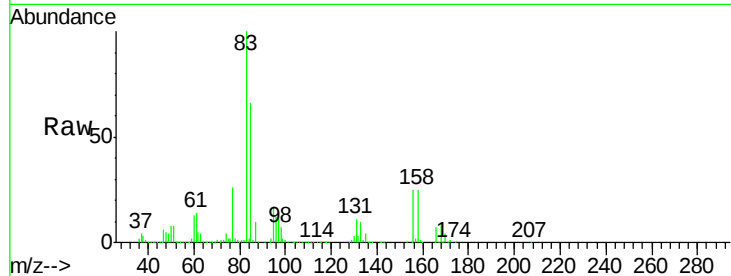
ClientSampleId :

VSTDCCC050

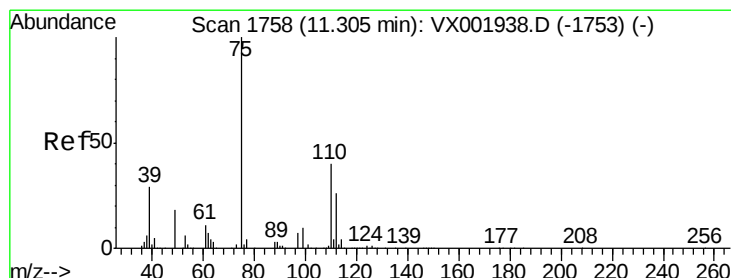
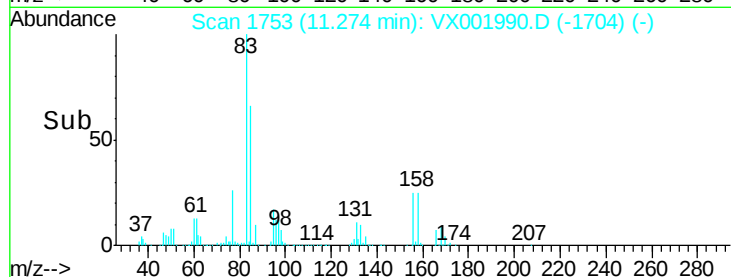
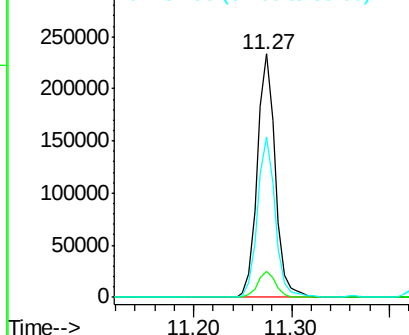
Tot Ion:	83	Resp:	296617
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	64.8	32.6	97.7

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.725 ug/l m

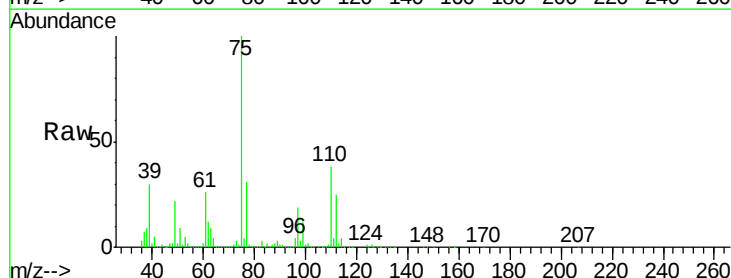
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

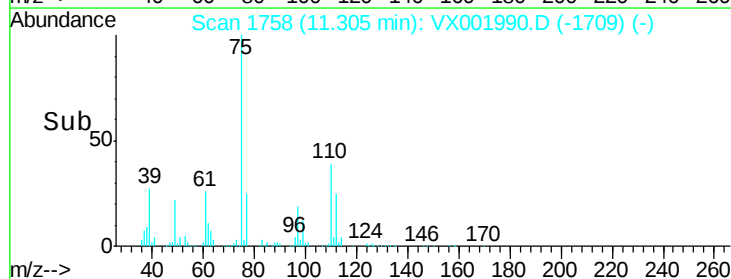
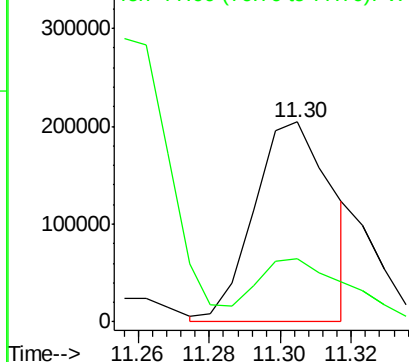
Lab File: VX001990.D

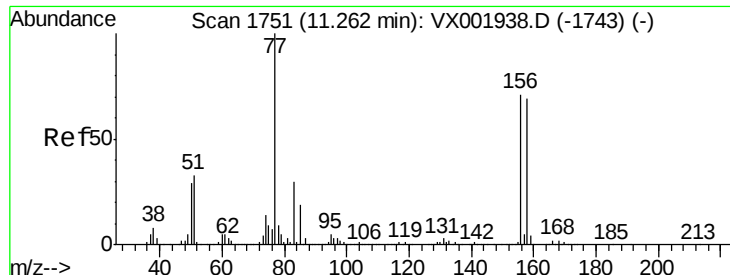
Acq: 25 May 2018 21:30

Tgt Ion:	75	Resp:	308372
Ion Ratio	Lower	Upper	
75	100		
77	36.8	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.332 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

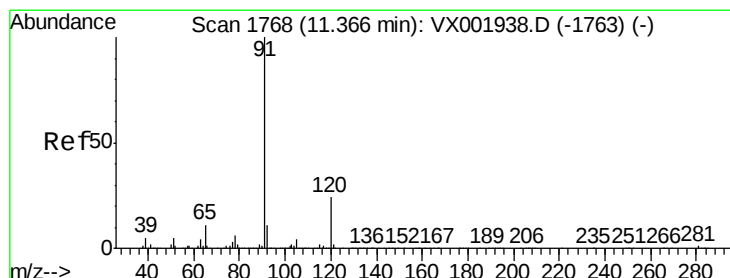
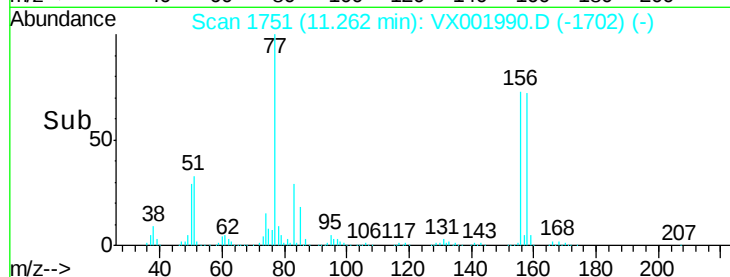
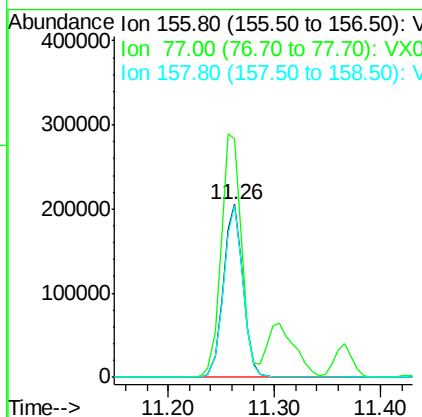
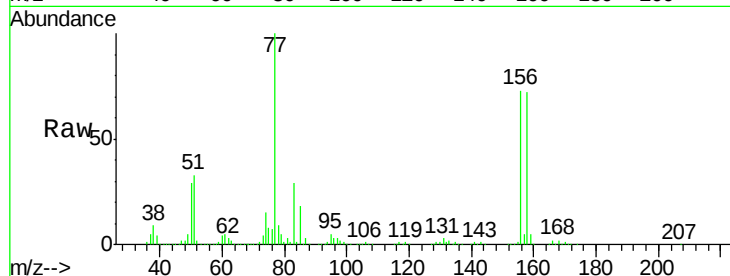
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	263943
Ion Ratio	Lower	Upper	
156	100		
77	148.2	75.2	225.6
158	98.3	48.6	145.8

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#78

n-propylbenzene

Concen: 47.455 ug/l

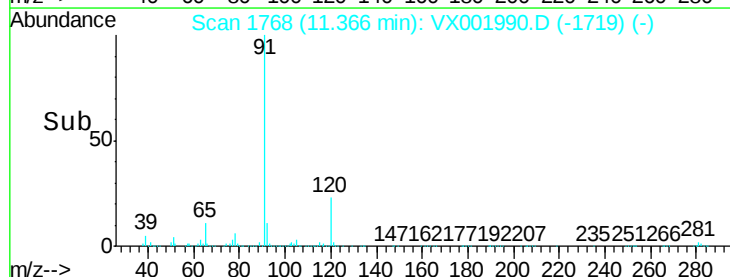
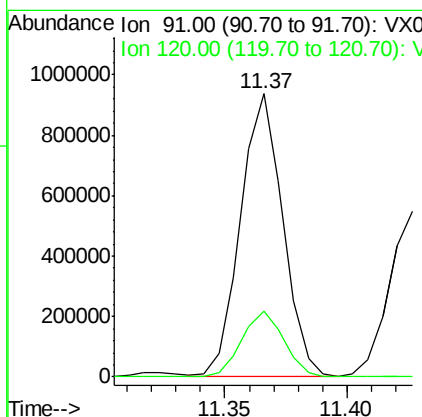
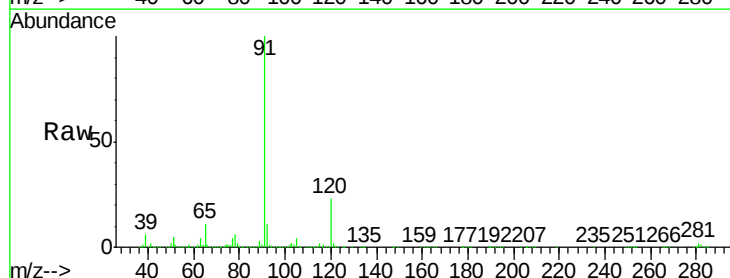
RT: 11.37 min Scan# 1768

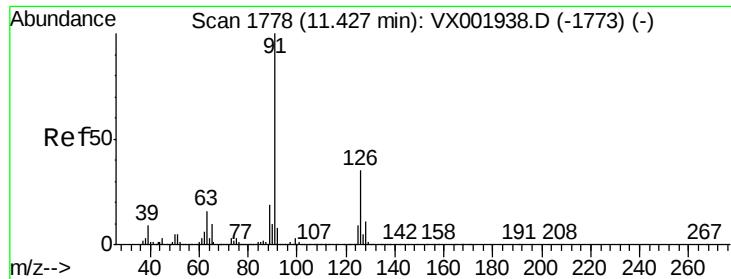
Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion:	91	Resp:	1117095
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.7





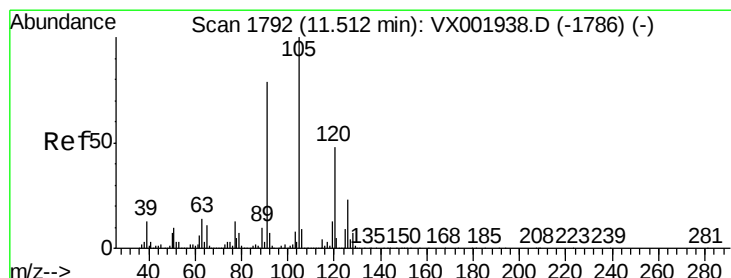
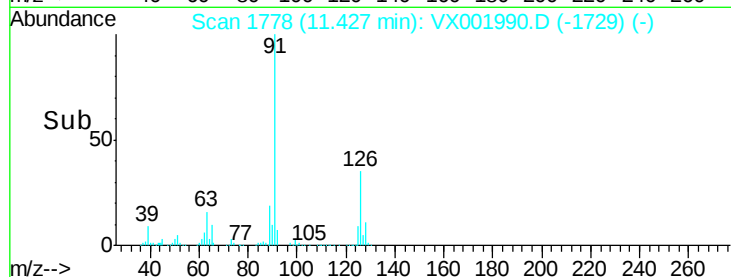
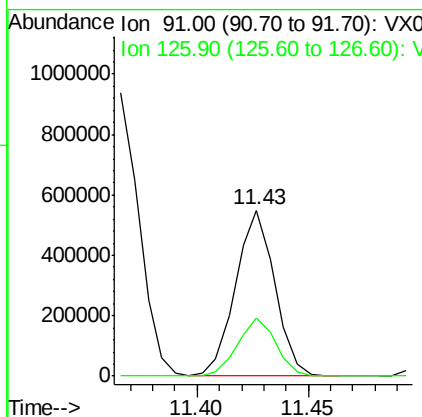
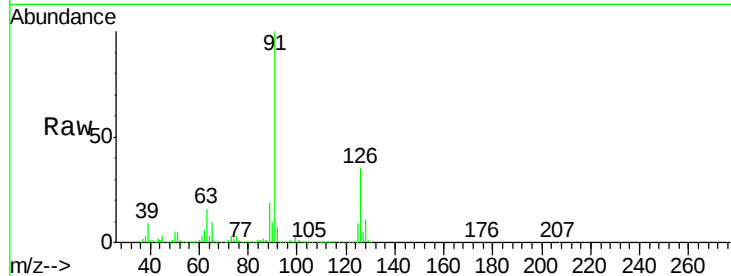
#79
 2-Chlorotoluene
 Concen: 51.785 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 667664
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.4 52.2

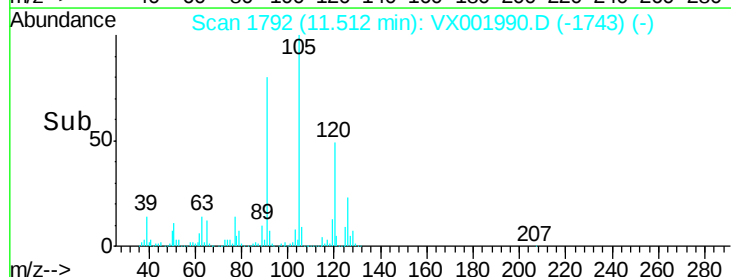
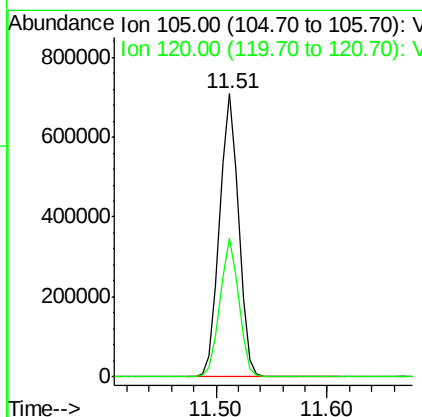
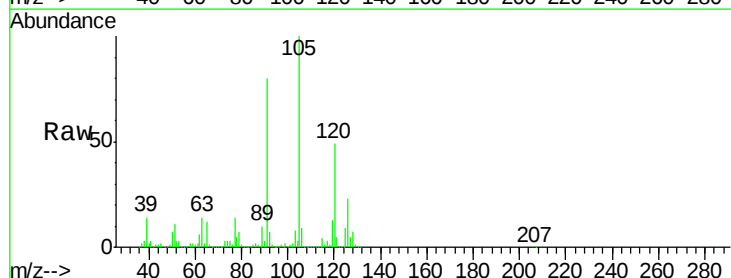
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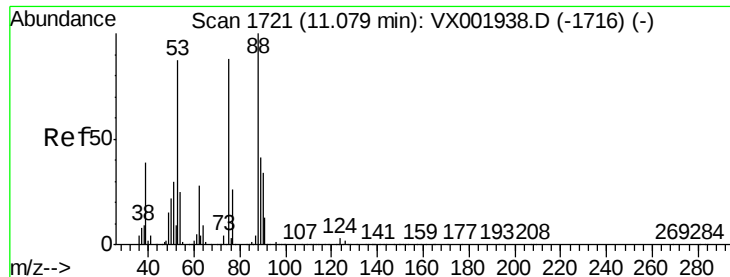
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#80
 1,3,5-Trimethylbenzene
 Concen: 46.825 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion: 105 Resp: 841077
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4





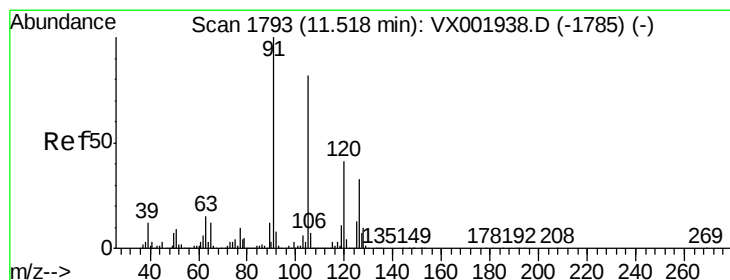
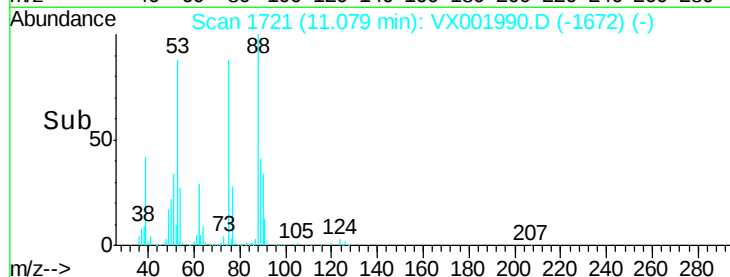
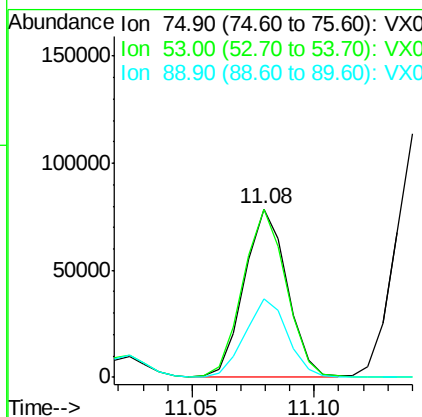
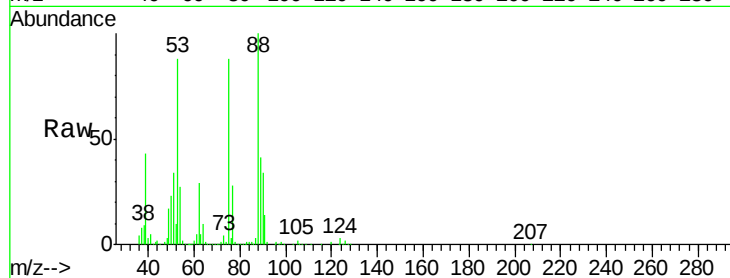
#81
trans-1,4-Dichloro-2-butene
Concen: 38.554 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.3	78.0	117.0
89	46.8	39.4	59.2

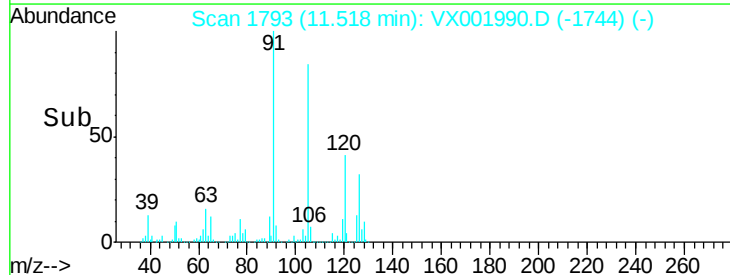
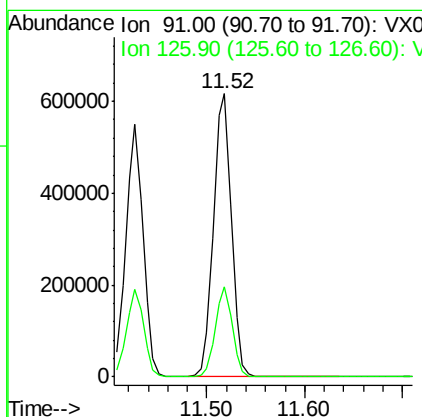
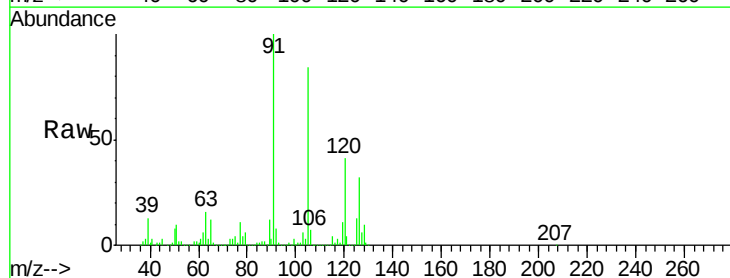
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#82
4-Chlorotoluene
Concen: 47.204 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.3	45.8





#83

tert-Butylbenzene

Concen: 46.354 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

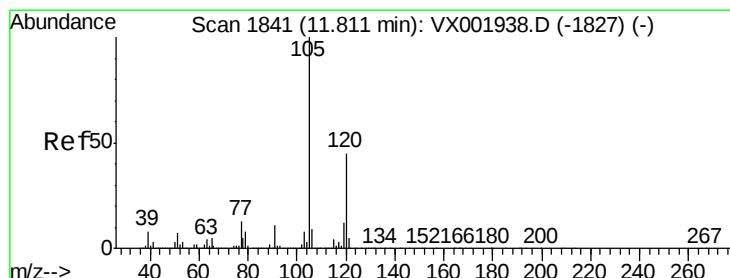
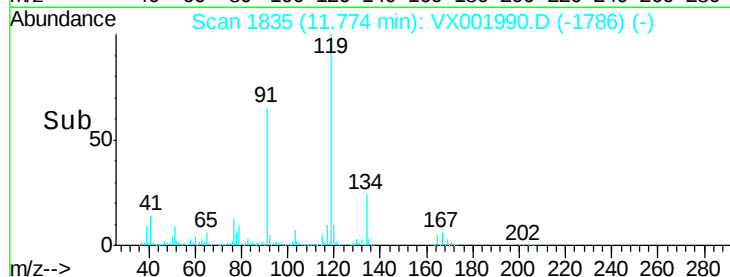
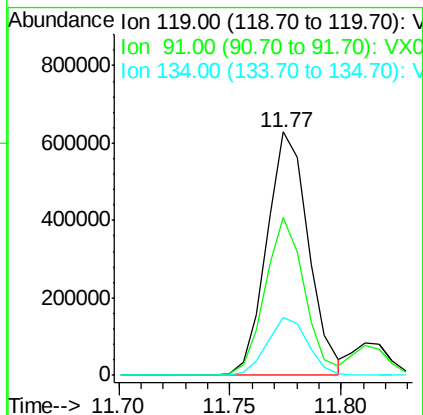
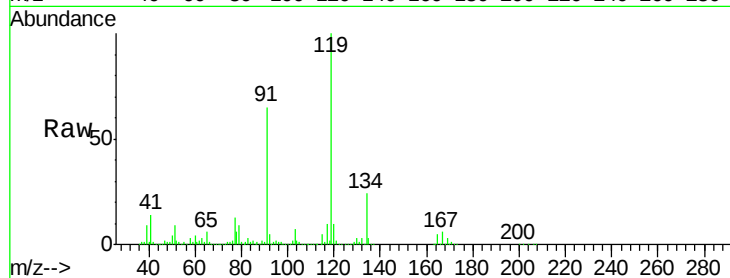
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	817044
Ion Ratio	Lower	Upper	
119	100		
91	61.1	30.6	91.8
134	23.3	11.7	35.0

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#84

1,2,4-Trimethylbenzene

Concen: 46.936 ug/l

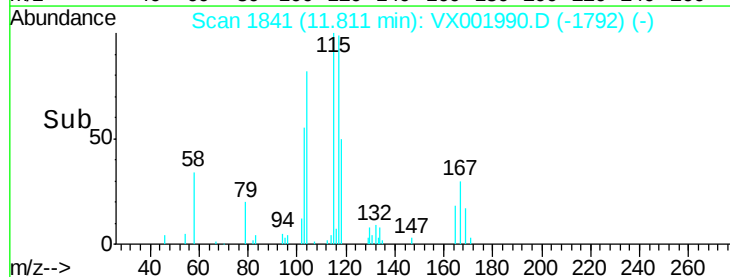
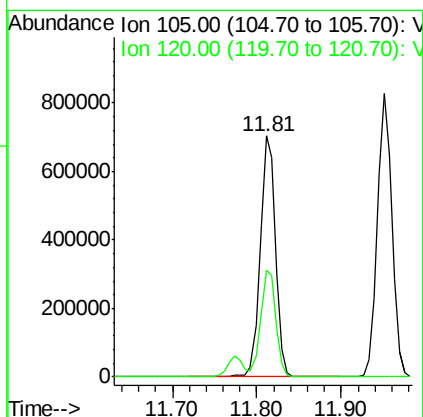
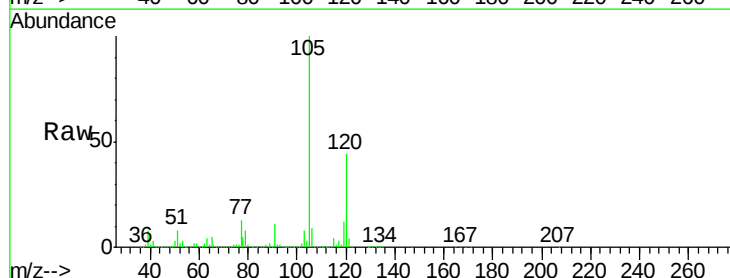
RT: 11.81 min Scan# 1841

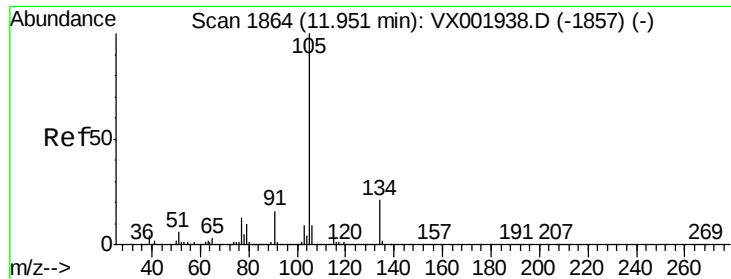
Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion:	105	Resp:	871216
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.1	66.5





#85

sec-Butylbenzene

Concen: 47.211 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1000314

Ion Ratio Lower Upper

105 100

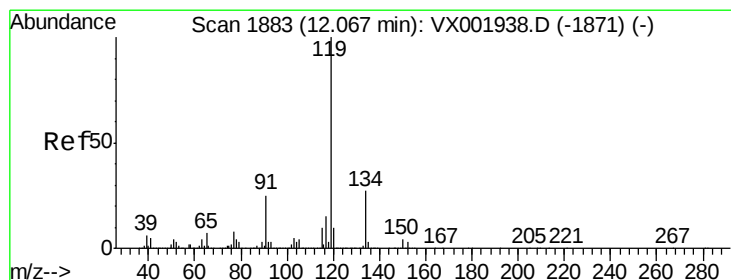
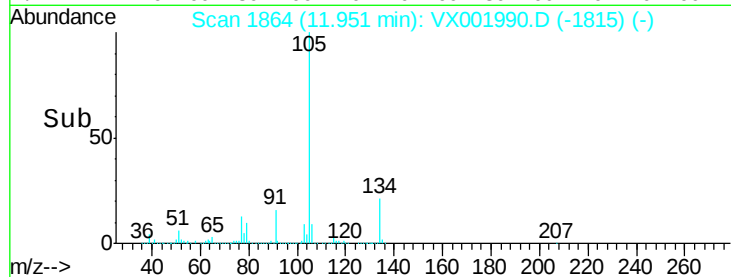
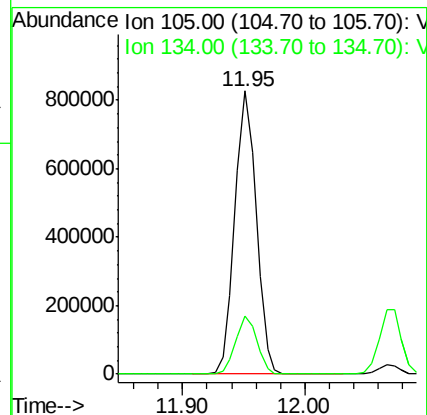
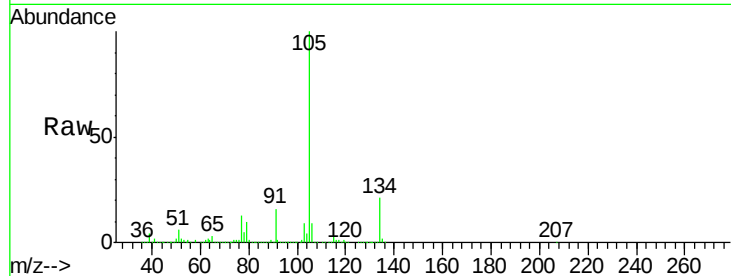
134 20.5 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 47.344 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

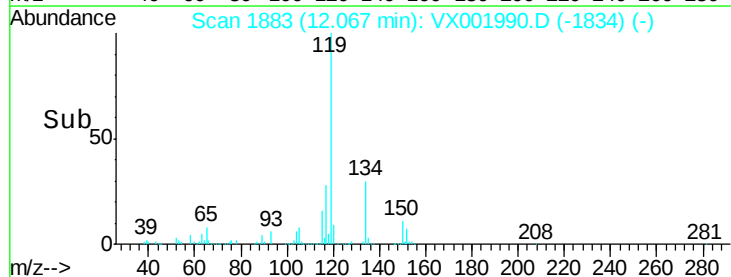
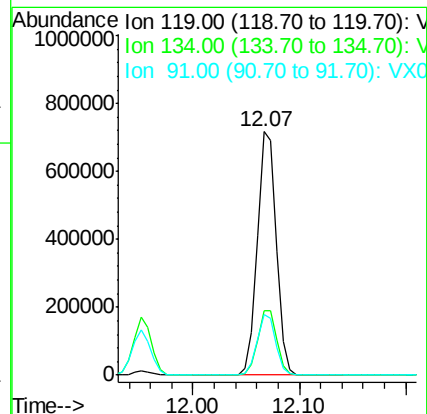
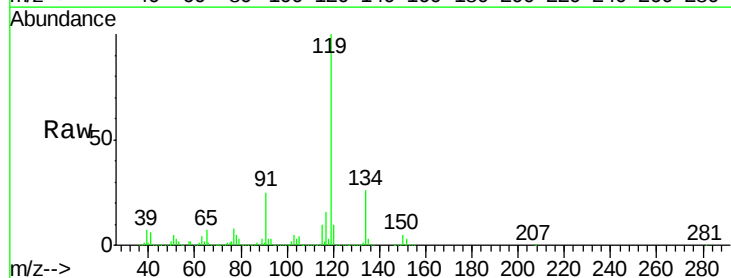
Tgt Ion:119 Resp: 897631

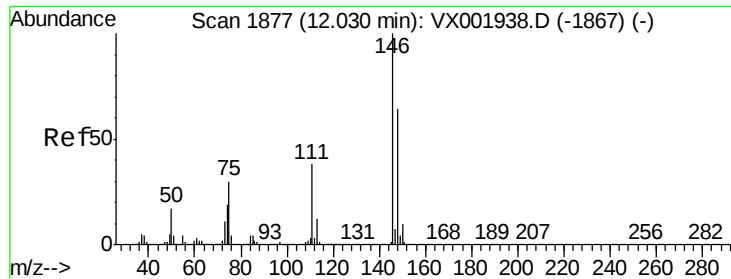
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 24.3 12.2 36.4





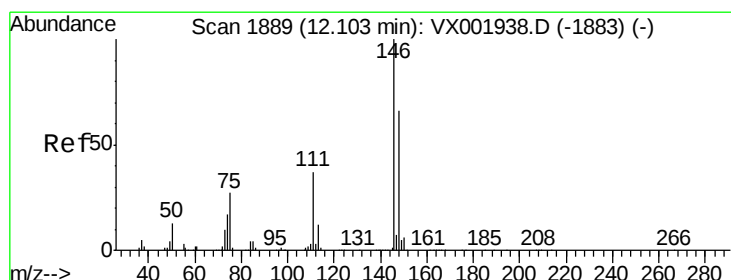
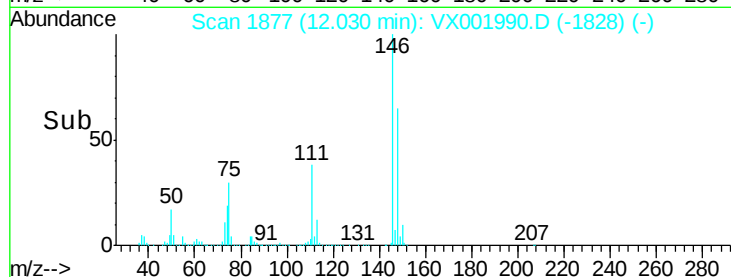
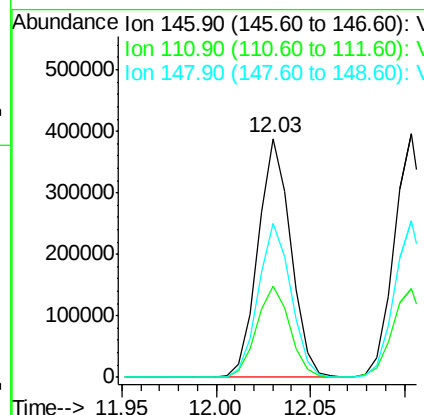
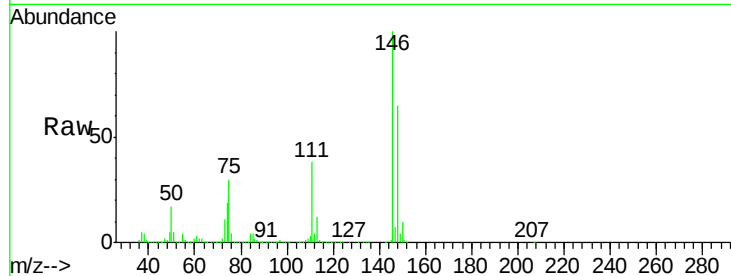
#87
 1,3-Dichlorobenzene
 Concen: 46.886 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	64.4	32.1	96.3

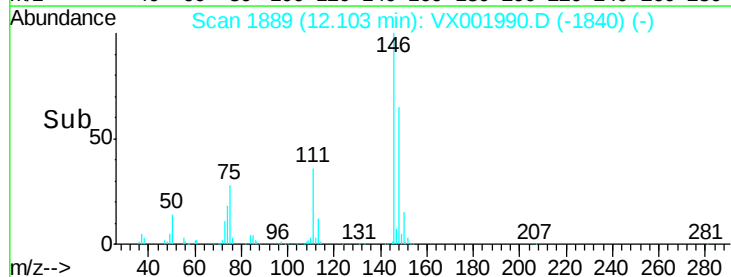
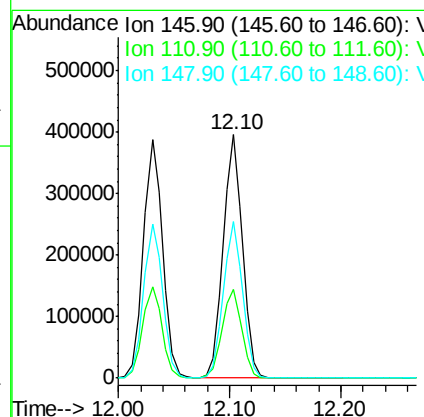
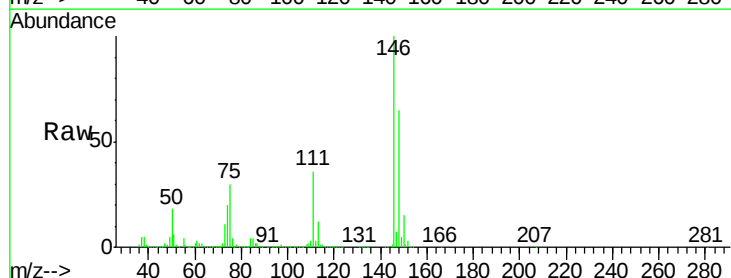
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#88
 1,4-Dichlorobenzene
 Concen: 47.348 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	64.5	32.3	96.8





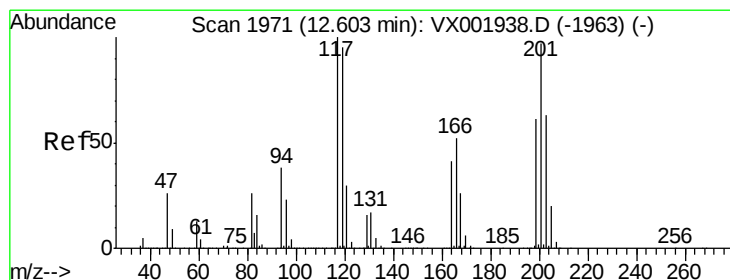
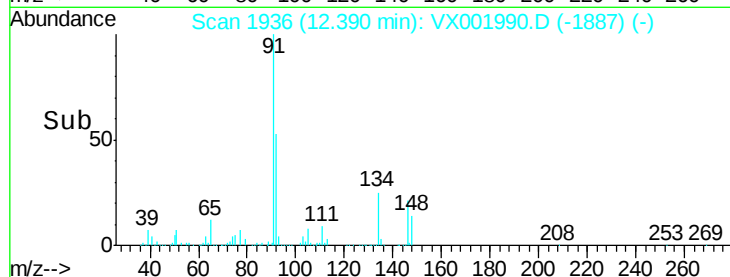
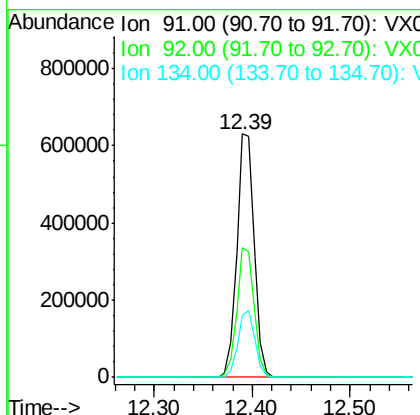
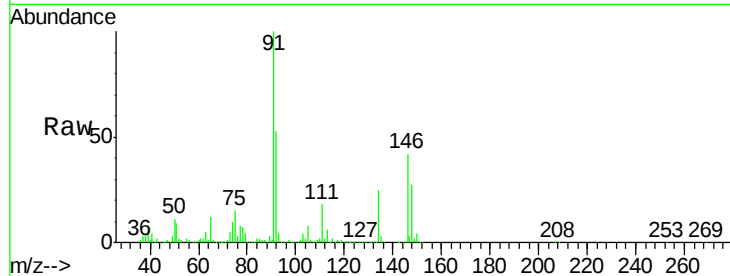
#89
n-Butylbenzene
Concen: 47.878 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	27.0	13.6	40.7

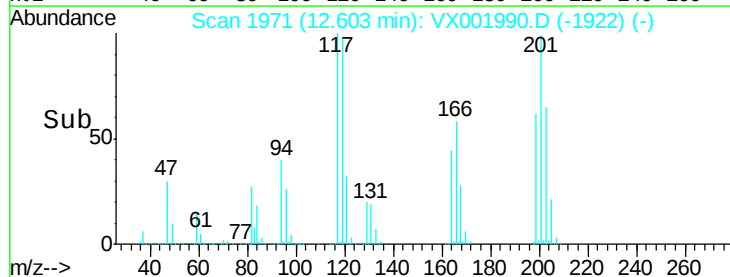
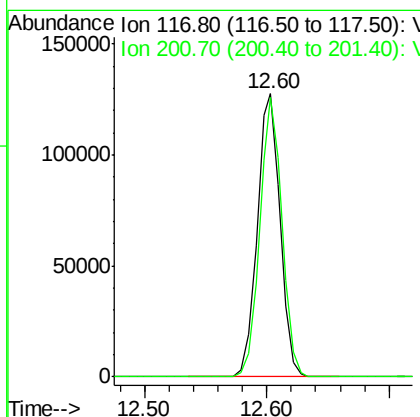
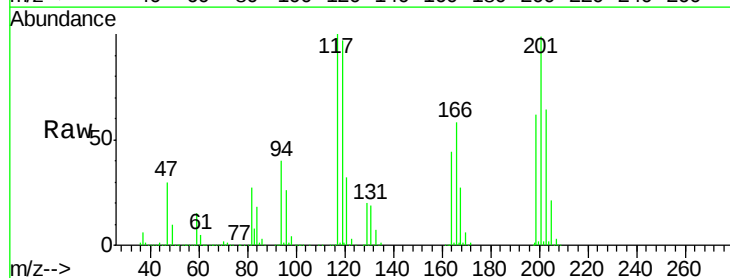
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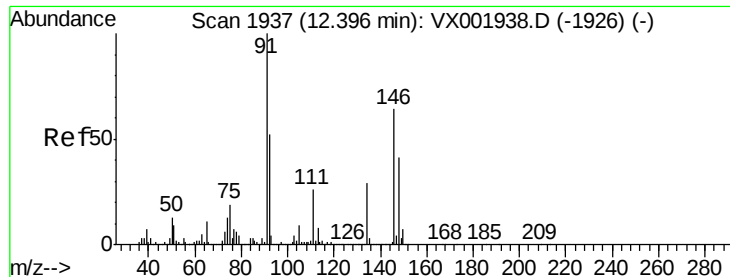
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#90
Hexachloroethane
Concen: 44.464 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.8	48.0	144.0





#91

1,2-Dichlorobenzene

Concen: 47.730 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

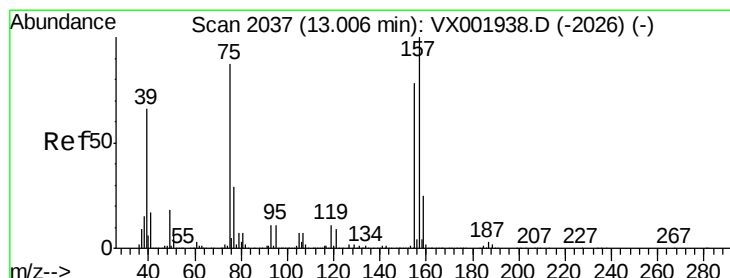
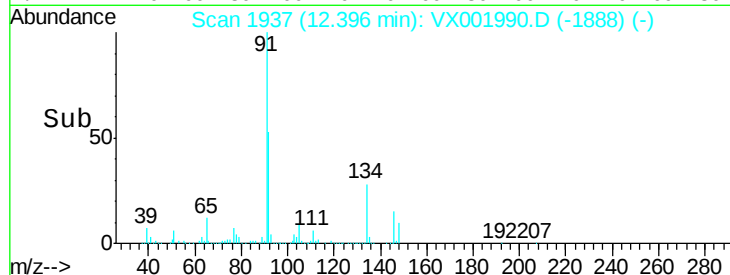
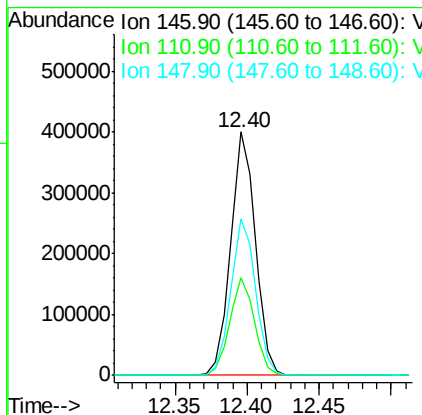
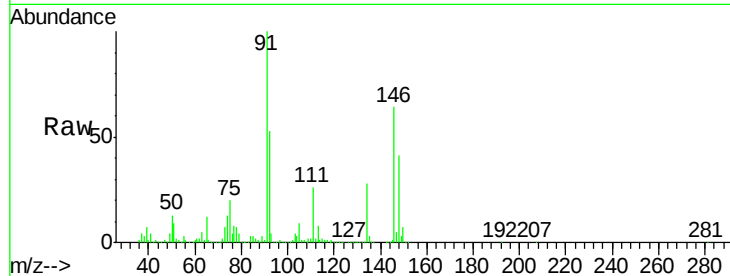
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	485670
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.8	59.3
148	64.4	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 44.979 ug/l

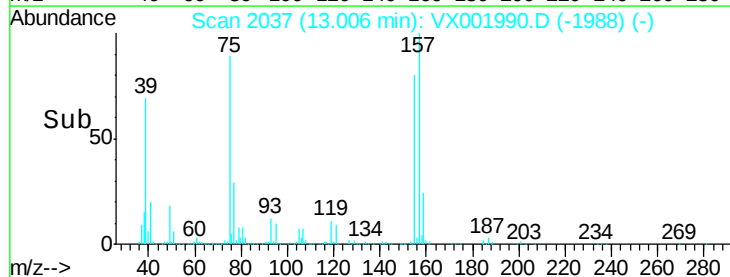
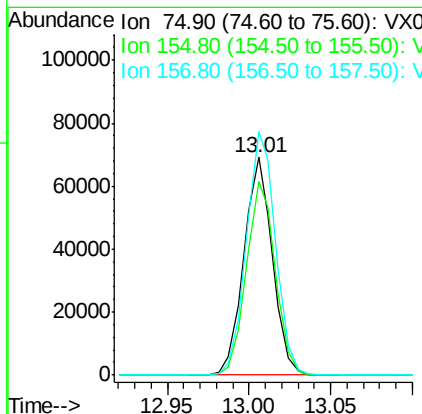
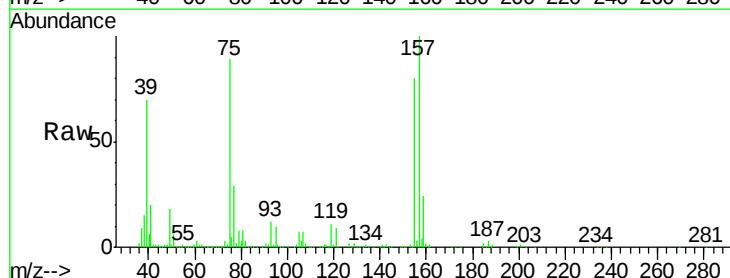
RT: 13.01 min Scan# 2037

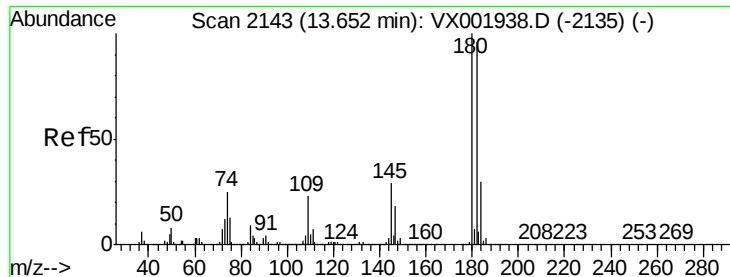
Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion:	75	Resp:	84051
Ion Ratio	Lower	Upper	
75	100		
155	90.3	45.1	135.2
157	114.7	58.1	174.2





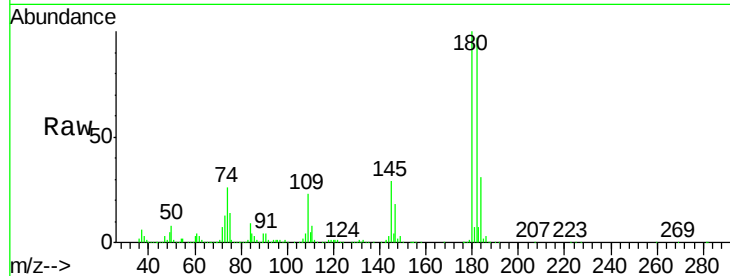
#93
 1,2,4-Trichlorobenzene
 Concen: 48.079 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

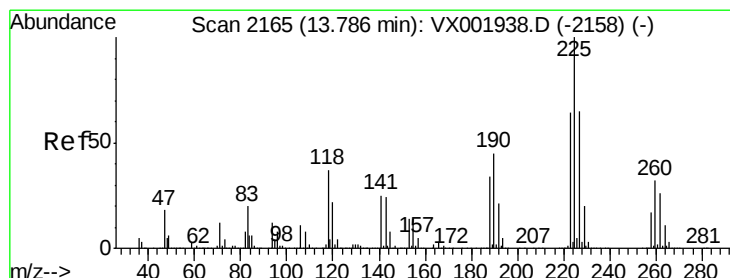
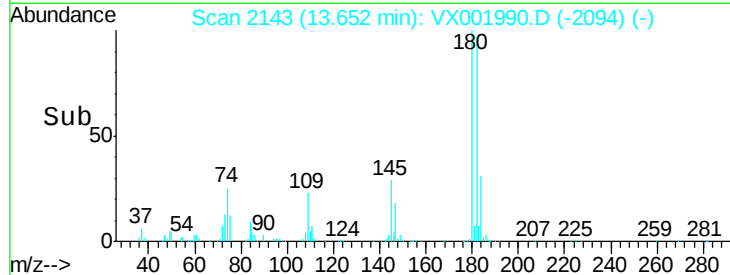
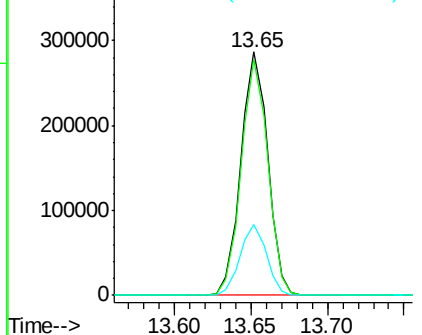
Tot Ion	Ratio	Resp	Lower	Upper
180	100	349824		
182	95.9	47.7	143.1	
145	28.6	14.4	43.0	

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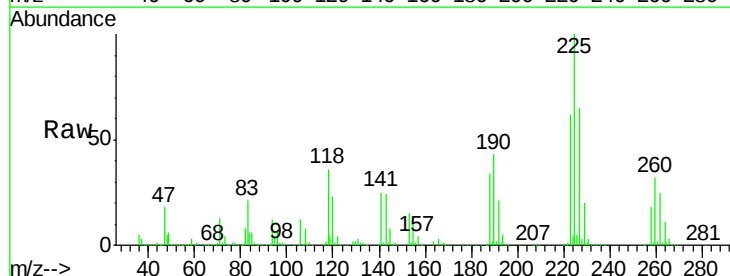


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

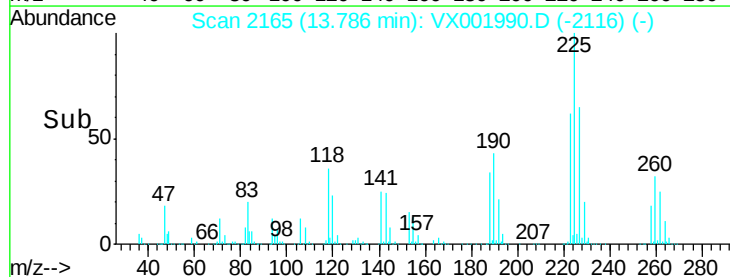
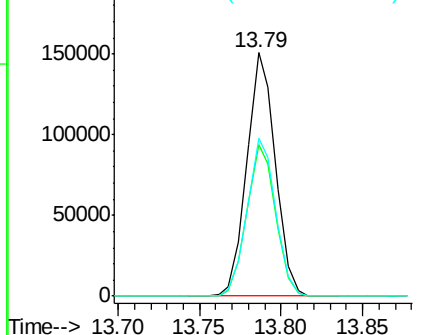


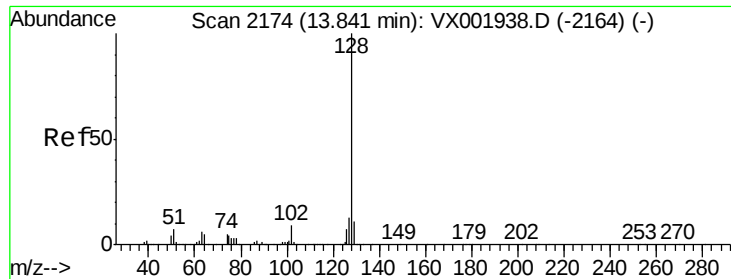
#94
 Hexachlorobutadiene
 Concen: 46.980 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	183879		
223	62.8	31.1	93.5	
227	65.0	32.1	96.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.860 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1072881

Ion Ratio Lower Upper

128 100

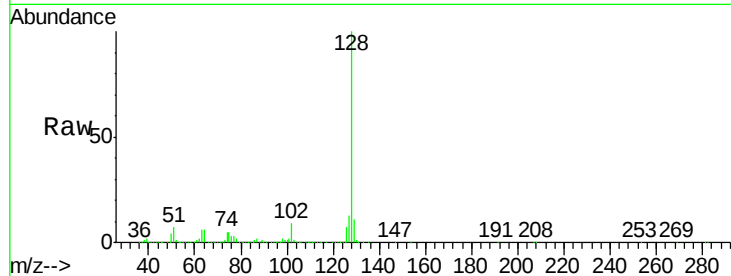
127 13.1 10.4 15.6

129 10.9 8.8 13.2

Manual Integrations
APPROVED

MMDadoda

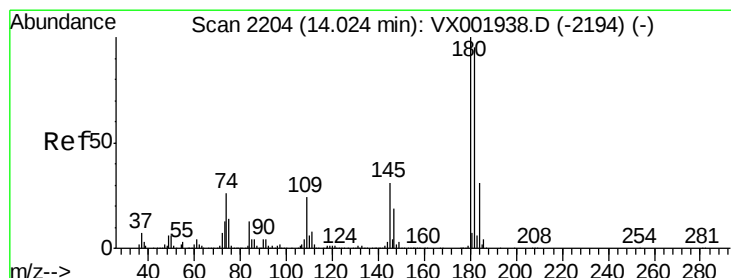
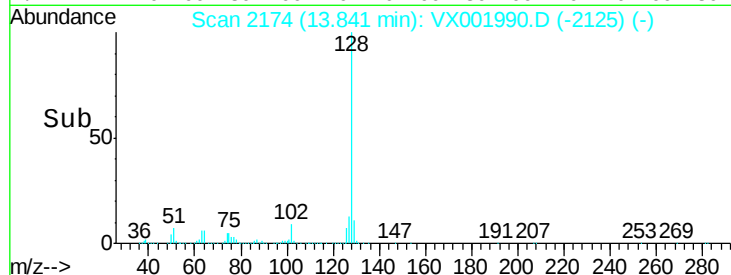
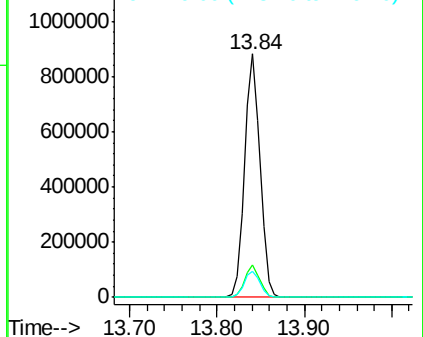
5/29/2018 4:39:24 PM



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: 48.022 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

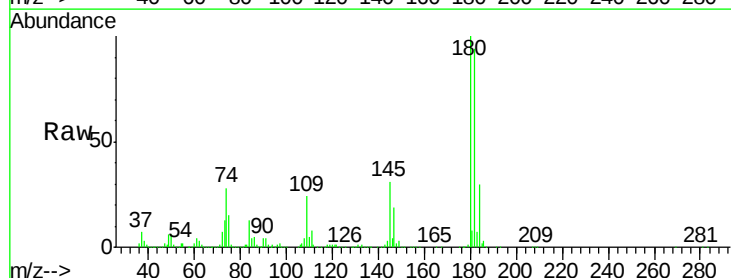
Tgt Ion:180 Resp: 361545

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 30.2 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

