

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002190.D
 Acq On : 31 May 2018 21:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/1/2018 6:37:12 PM

Quant Time: Jun 01 04:17:23 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	220553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164593	41.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.50%	
35) Dibromofluoromethane	5.51	113	127797	41.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.02%	
50) Toluene-d8	8.72	98	476995	42.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.56%	
62) 4-Bromofluorobenzene	11.14	95	192794	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113192	40.628	ug/l	98
3) Chloromethane	1.32	50	146689	43.227	ug/l	99
4) Vinyl Chloride	1.41	62	160221	48.899	ug/l	100
5) Bromomethane	1.64	94	88053	58.547	ug/l	97
6) Chloroethane	1.72	64	104266	53.981	ug/l	100
7) Trichlorofluoromethane	1.93	101	261559	53.156	ug/l	100
8) Diethyl Ether	2.19	74	99067	55.489	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	147003	53.538	ug/l	97
10) Methyl Iodide	2.51	142	173732	46.763	ug/l	97
11) Tert butyl alcohol	3.08	59	219319	283.408	ug/l	98
12) 1,1-Dichloroethene	2.37	96	133294	51.851	ug/l	93
13) Acrolein	2.30	56	66154	197.716	ug/l	98
14) Allyl chloride	2.73	41	287468	53.272	ug/l	97
15) Acrylonitrile	3.15	53	446115	280.337	ug/l	99
16) Acetone	2.45	43	419952	276.014	ug/l	100
17) Carbon Disulfide	2.57	76	321107	43.401	ug/l	99
18) Methyl Acetate	2.78	43	225070	61.672	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	529820	54.797	ug/l	100
20) Methylene Chloride	2.86	84	156921	59.897	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	143344	57.512	ug/l	98
22) Diisopropyl ether	3.88	45	527280	48.038	ug/l	99
23) Vinyl Acetate	3.83	43	2268859	249.311	ug/l	99
24) 1,1-Dichloroethane	3.70	63	258265	49.533	ug/l	100
25) 2-Butanone	4.71	43	622110	223.089	ug/l	100
26) 2,2-Dichloropropane	4.59	77	192304	36.439	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	153155	45.688	ug/l	97
28) Bromochloromethane	5.03	49	132828	61.080	ug/l	100
29) Tetrahydrofuran	5.17	42	410804	226.423	ug/l	100
30) Chloroform	5.22	83	272984	46.472	ug/l	98
31) Cyclohexane	5.58	56	241150	44.392	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	242982	44.369	ug/l	98
36) 1,1-Dichloropropene	5.81	75	196740	45.386	ug/l	99
37) Ethyl Acetate	4.87	43	243977	43.172	ug/l	99
38) Carbon Tetrachloride	5.79	117	211726	41.886	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241532	45.354	ug/l	98
40) Benzene	6.15	78	597383	47.040	ug/l	99
41) Methacrylonitrile	5.07	41	139915	46.830	ug/l	99
42) 1,2-Dichloroethane	6.20	62	236032	46.529	ug/l	99
43) Isopropyl Acetate	6.47	43	415798	44.157	ug/l	99
44) Trichloroethene	7.22	130	168833	45.621	ug/l	99
45) 1,2-Dichloropropane	7.52	63	157987	45.809	ug/l	99
46) Dibromomethane	7.67	93	105006	45.986	ug/l	98
47) Bromodichloromethane	7.90	83	201267	41.339	ug/l	99
48) Methyl methacrylate	7.78	41	212170	44.271	ug/l	98
49) 1,4-Dioxane	7.76	88	80706	955.635	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1335450	235.268	ug/l	100
52) Toluene	8.79	92	388076	48.017	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	240412	42.873	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	229683	42.034	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	158987	47.089	ug/l	98
56) Ethyl methacrylate	9.19	69	259042	44.606	ug/l	98
57) 1,3-Dichloropropane	9.38	76	263942	47.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	574376	223.148	ug/l	100
59) 2-Hexanone	9.50	43	1027184	234.688	ug/l	99
60) Dibromochloromethane	9.59	129	166909	41.737	ug/l	99
61) 1,2-Dibromoethane	9.68	107	167497	47.279	ug/l	100
64) Tetrachloroethene	9.34	164	196984	45.931	ug/l	99
65) Chlorobenzene	10.14	112	438803	46.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	165691	43.298	ug/l	99
67) Ethyl Benzene	10.26	91	773992	47.007	ug/l	100
68) m/p-Xylenes	10.37	106	598059	95.019	ug/l	98
69) o-Xylene	10.70	106	293042	46.629	ug/l	100
70) Styrene	10.72	104	489767	46.992	ug/l	100
71) Bromoform	10.86	173	130975	36.095	ug/l #	99
73) Isopropylbenzene	11.02	105	796188	46.092	ug/l	99
74) N-amyl acetate	6.47	43	415798	46.158	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	236288	50.015	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	244419m	49.885	ug/l	
77) Bromobenzene	11.26	156	211985	46.254	ug/l	97
78) n-propylbenzene	11.37	91	906029	46.831	ug/l	99
79) 2-Chlorotoluene	11.43	91	539355	50.860	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	680826	46.120	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69291	33.989	ug/l	90
82) 4-Chlorotoluene	11.51	91	631893	46.309	ug/l	100
83) tert-Butylbenzene	11.77	119	654690	45.194	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	700593	45.925	ug/l	100
85) sec-Butylbenzene	11.95	105	806487	46.313	ug/l	99
86) p-Isopropyltoluene	12.07	119	732817	47.029	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	380957	46.415	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	385076	46.928	ug/l	100
89) n-Butylbenzene	12.39	91	624802	47.321	ug/l	100
90) Hexachloroethane	12.60	117	111841	36.387	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	390425	46.687	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57231	37.265	ug/l	100

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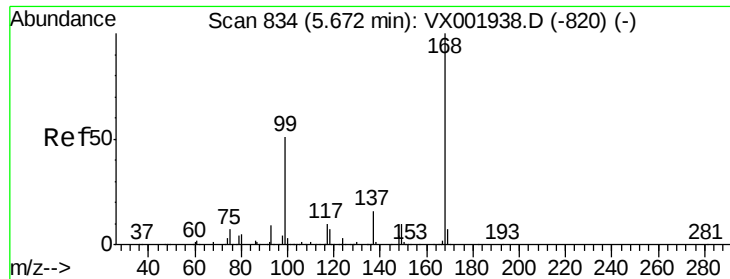
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277898	46.472	ug/l	100
94) Hexachlorobutadiene	13.79	225	144458	44.908	ug/l	100
95) Naphthalene	13.84	128	844971	45.864	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	286590	46.317	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: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 220553

Ion Ratio Lower Upper

168 100

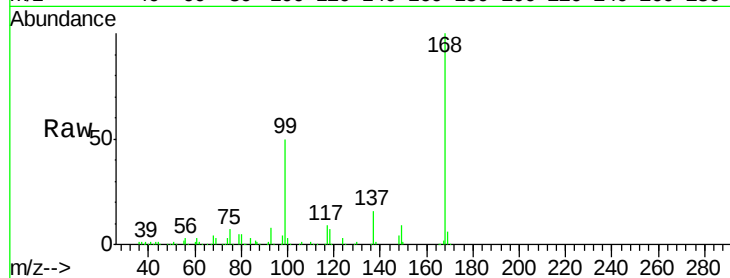
99 49.6 41.0 61.4

Manual Integrations

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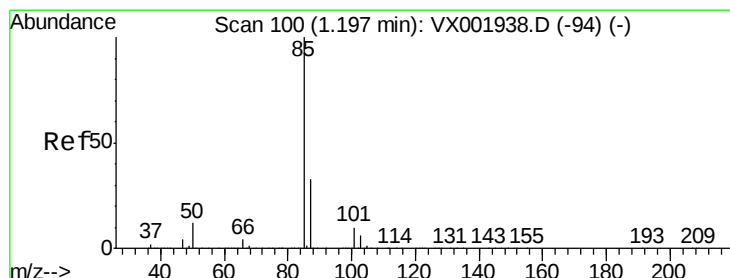
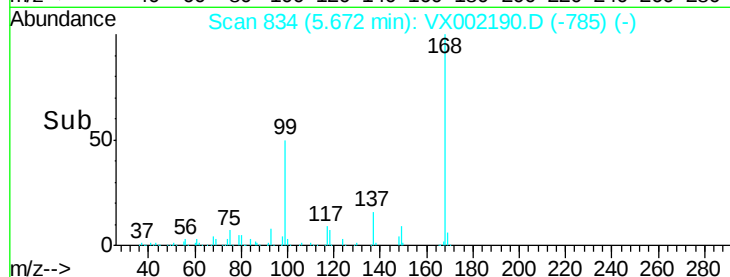
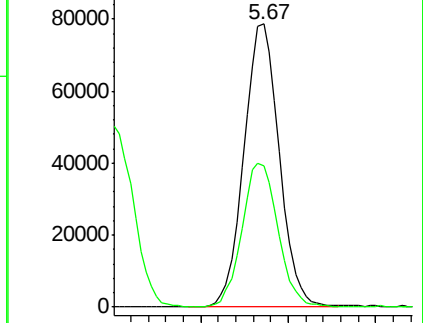
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.628 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002190.D

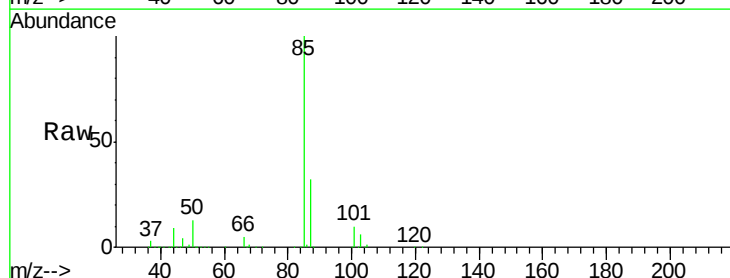
Acq: 31 May 2018 21:43

Tgt Ion: 85 Resp: 113192

Ion Ratio Lower Upper

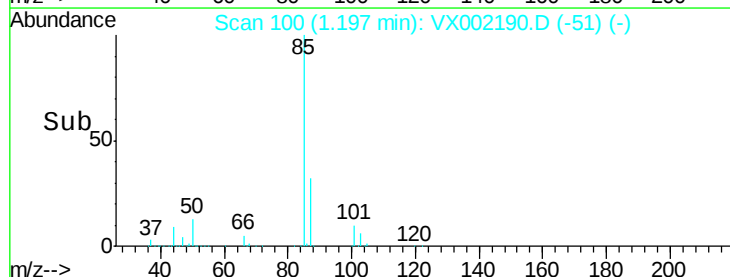
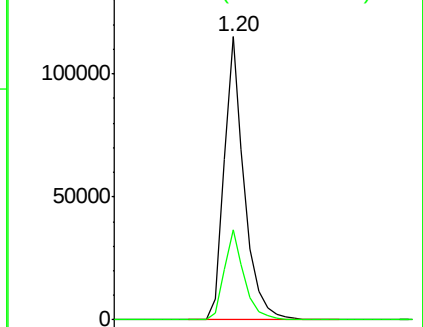
85 100

87 31.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.227 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 146689

Ion Ratio Lower Upper

50 100

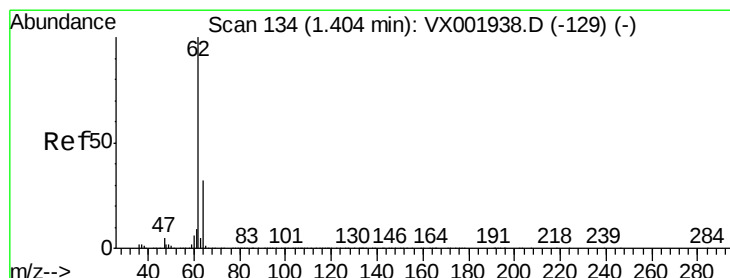
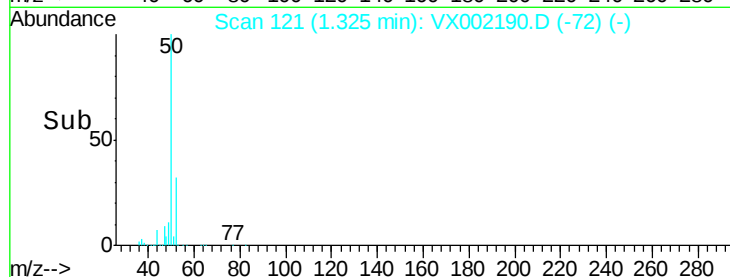
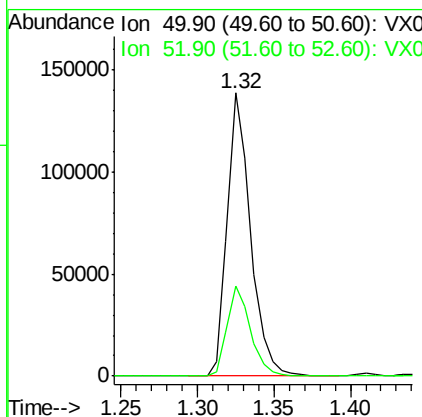
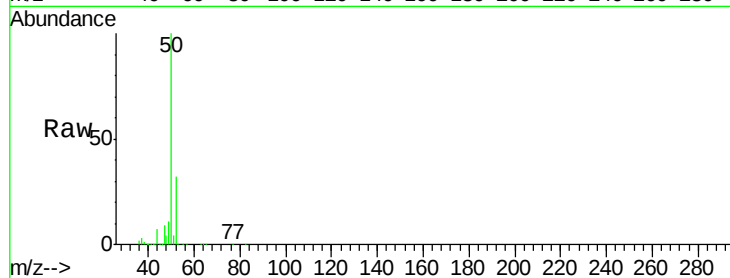
52 31.7 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.899 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002190.D

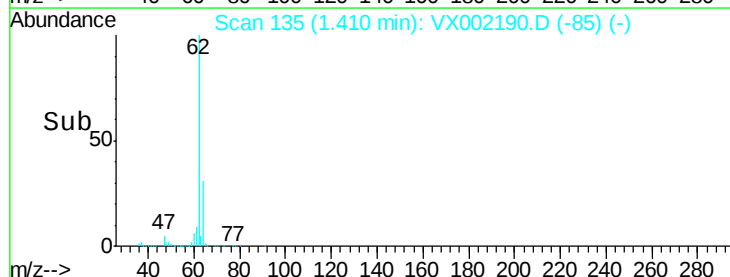
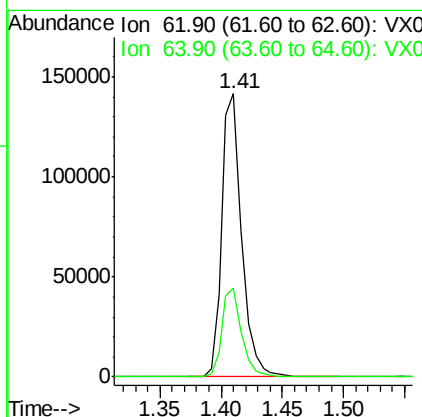
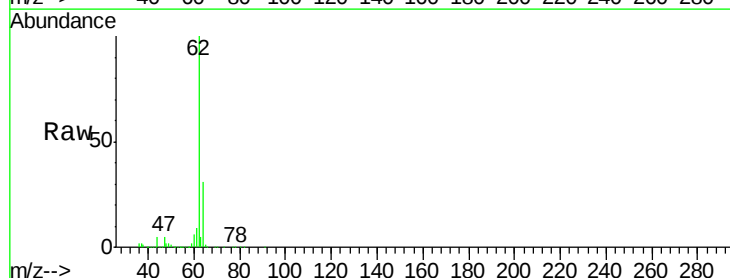
Acq: 31 May 2018 21:43

Tgt Ion: 62 Resp: 160221

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 58.547 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 88053

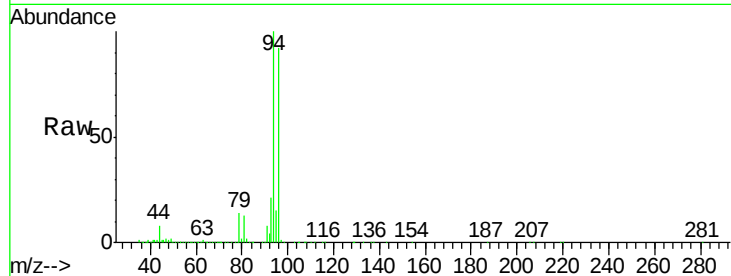
Ion Ratio Lower Upper

94 100

96 92.3 75.9 113.9

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

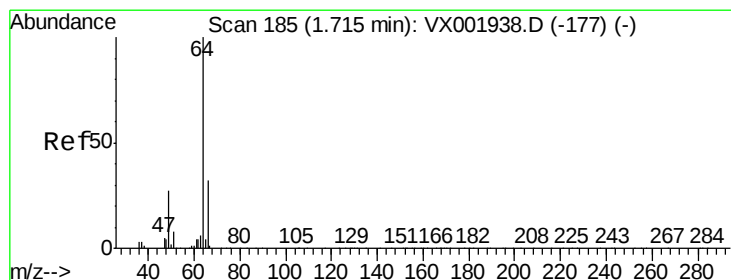
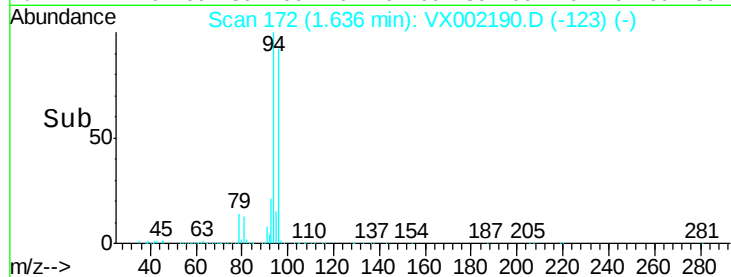
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 53.981 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002190.D

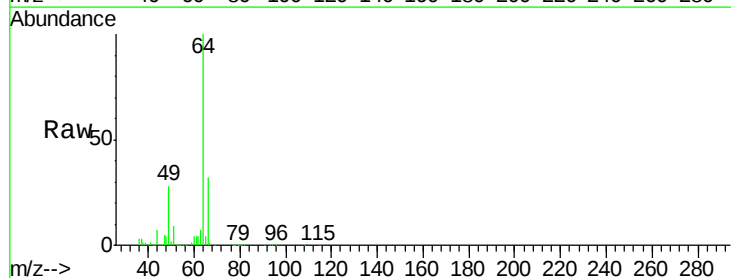
Acq: 31 May 2018 21:43

Tgt Ion: 64 Resp: 104266

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

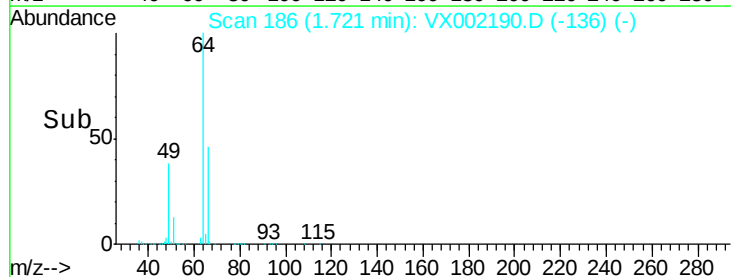
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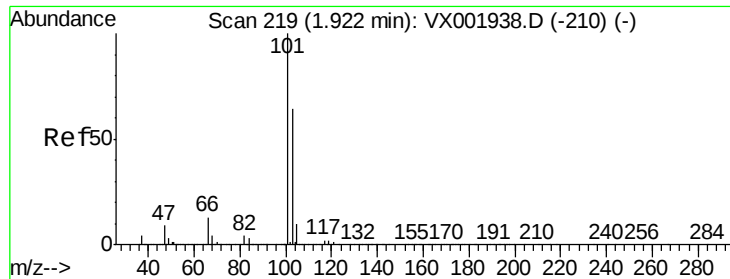
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20000

0

Time--> 1.65 1.70 1.75 1.80 1.85





#7

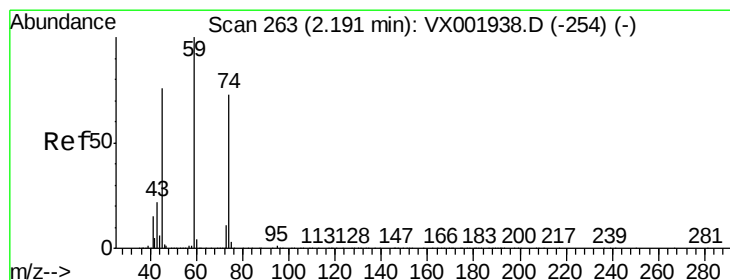
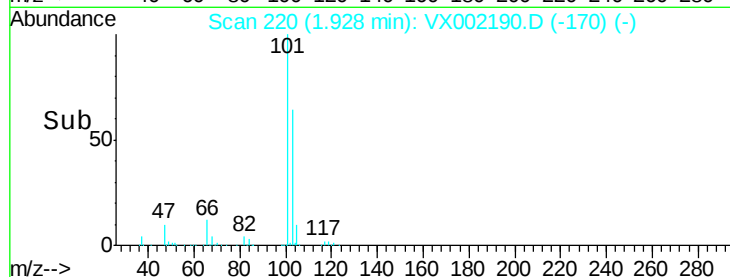
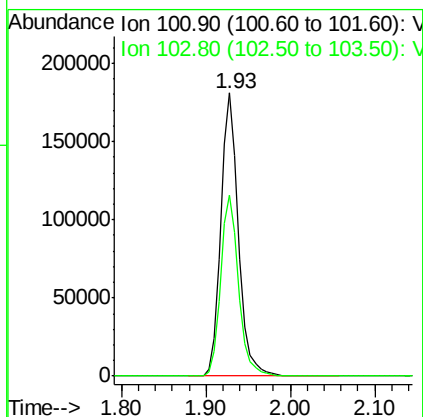
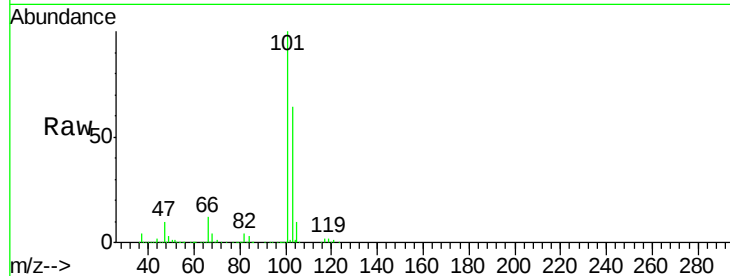
Trichlorofluoromethane
Concen: 53.156 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.4	77.0

Manual Integrations
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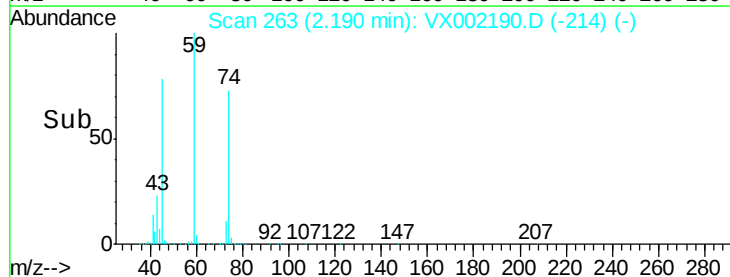
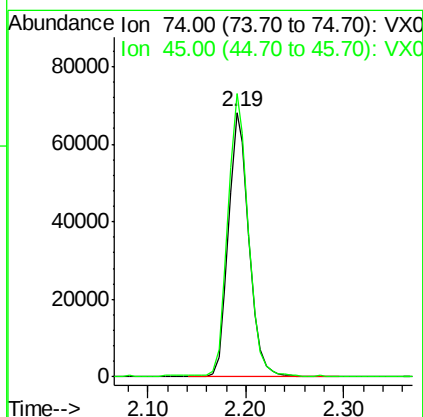
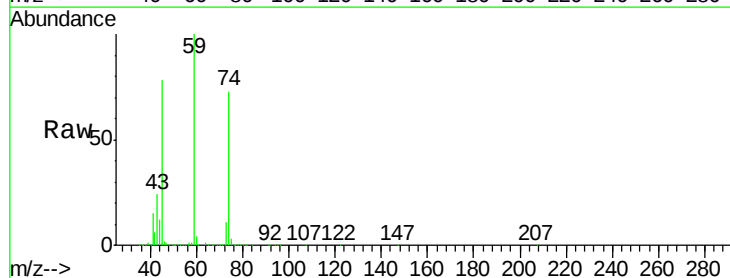
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#8

Diethyl Ether
Concen: 55.489 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.9	51.5	154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.538 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

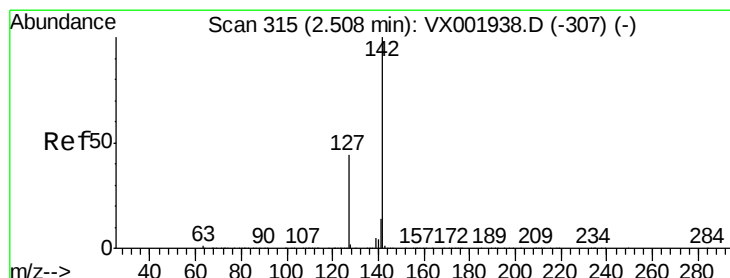
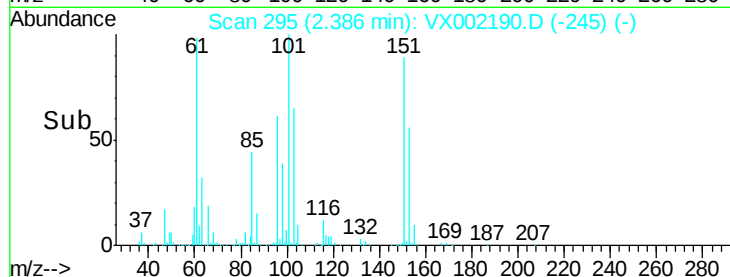
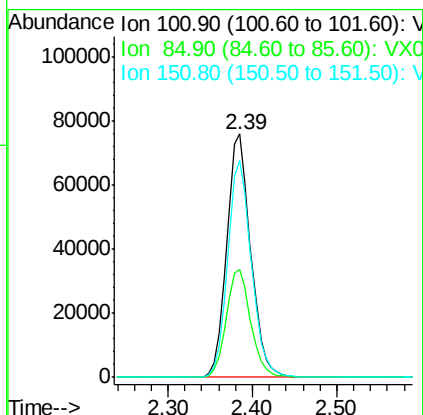
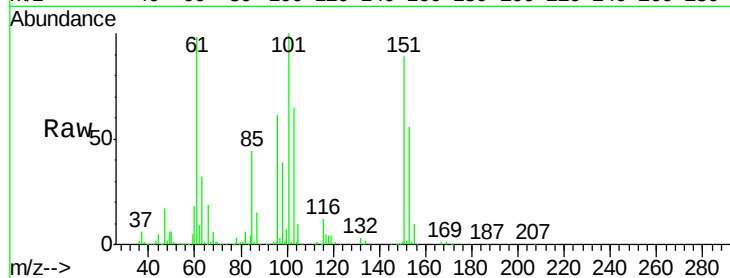
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	147003
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.6	53.4
151	88.2	73.2	109.8

Manual Integrations
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#10

Methyl Iodide

Concen: 46.763 ug/l

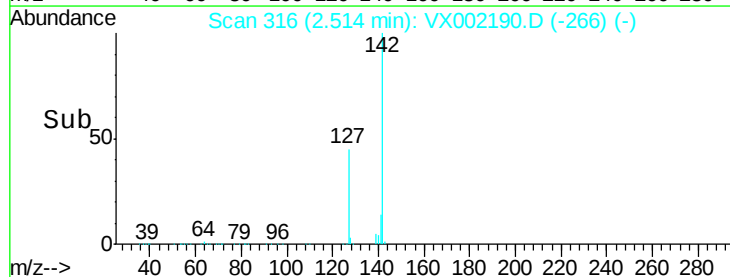
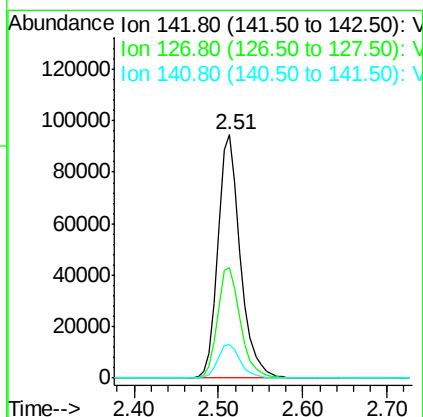
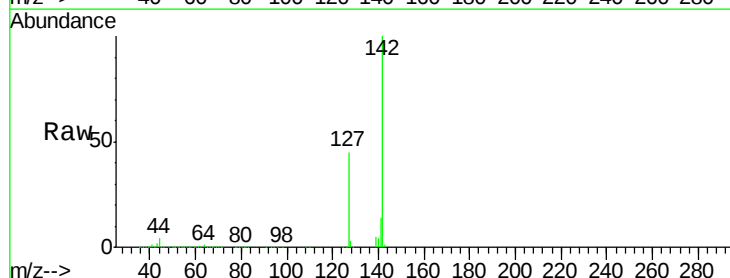
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion:	142	Resp:	173732
Ion Ratio	Lower	Upper	
142	100		
127	46.6	35.5	53.3
141	14.3	11.3	16.9





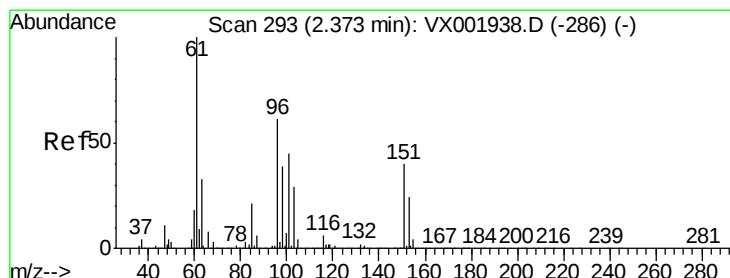
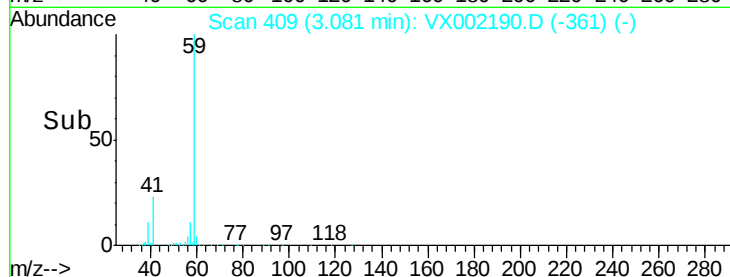
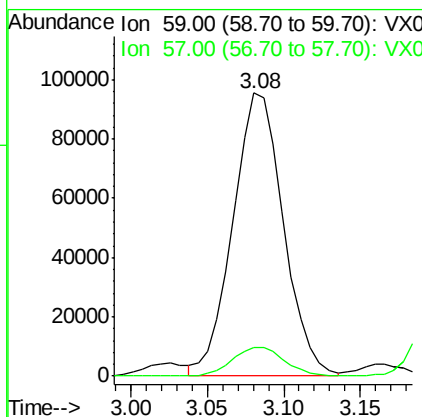
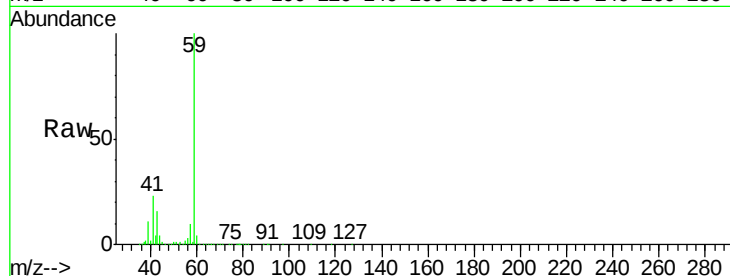
#11
Tert butyl alcohol
Concen: 283.408 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.9	13.3

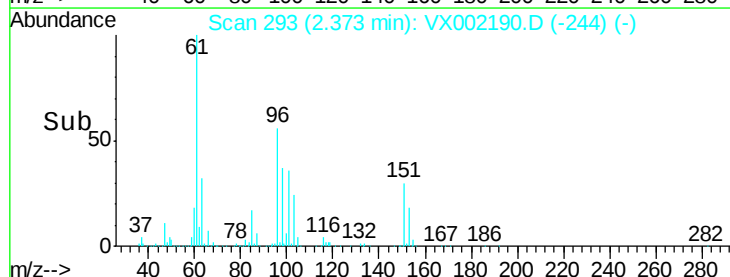
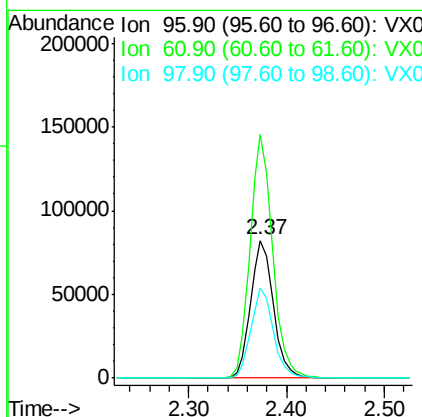
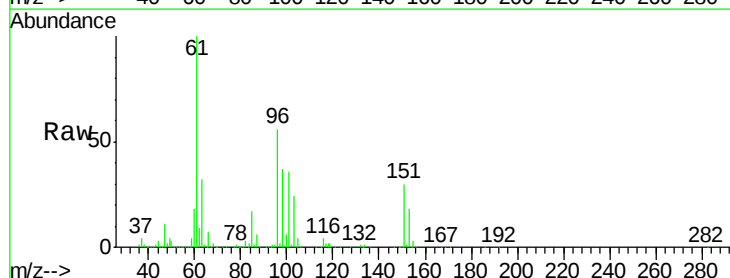
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 51.851 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.1	131.7	197.5
98	65.1	51.6	77.4





#13

Acrolein

Concen: 197.716 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 66154

Ion Ratio Lower Upper

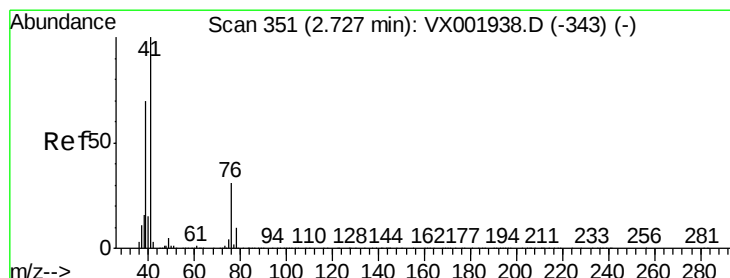
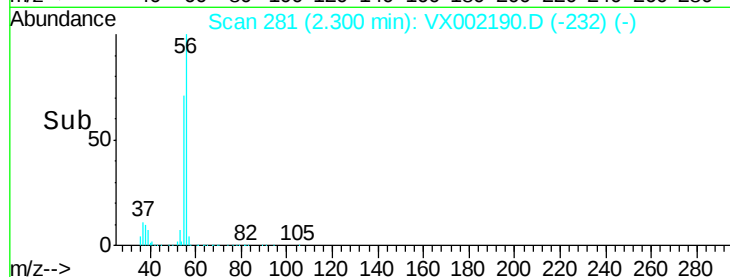
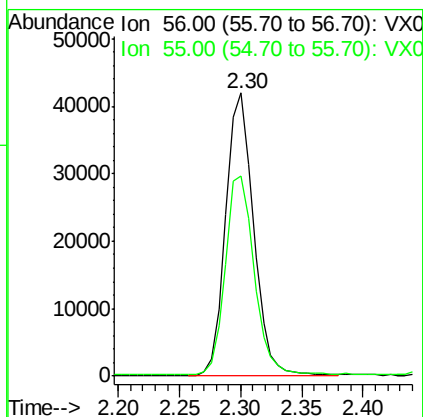
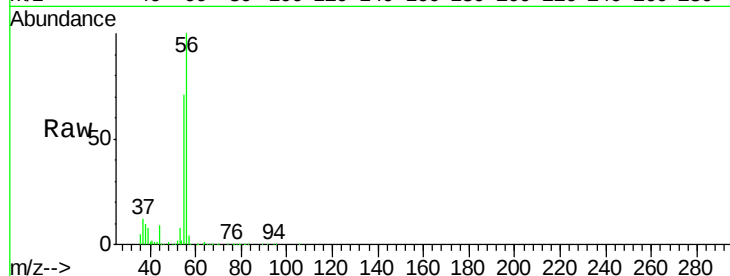
56 100

55 72.7 56.8 85.2

Manual Integrations
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#14

Allyl chloride

Concen: 53.272 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

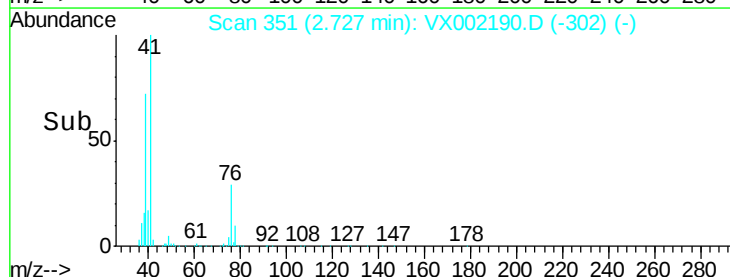
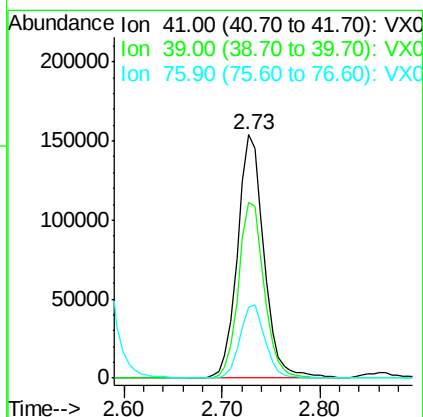
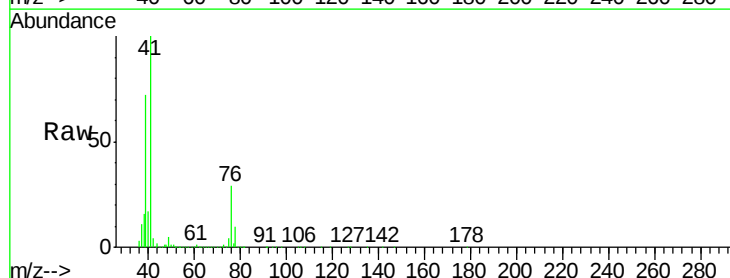
Tgt Ion: 41 Resp: 287468

Ion Ratio Lower Upper

41 100

39 70.1 54.3 81.5

76 28.9 24.2 36.4





#15

Acrylonitrile

Concen: 280.337 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002190.D

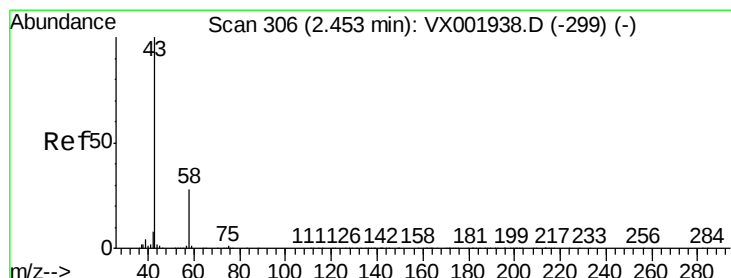
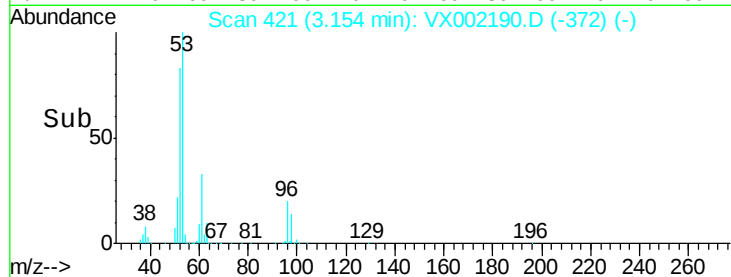
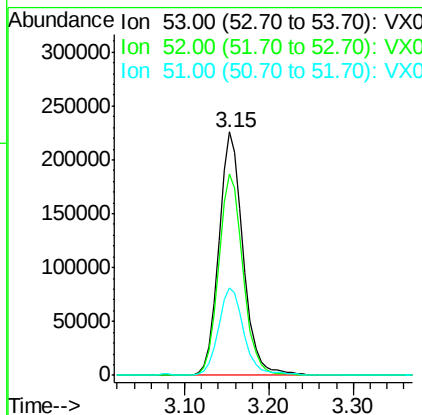
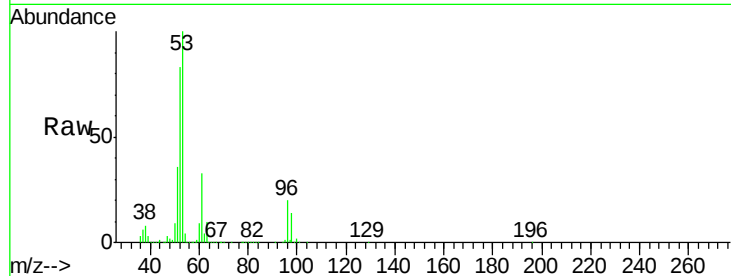
Acq: 31 May 2018 21:43

Tot Ion:	53	Resp:	446115
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	37.6	29.3	43.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#16

Acetone

Concen: 276.014 ug/l

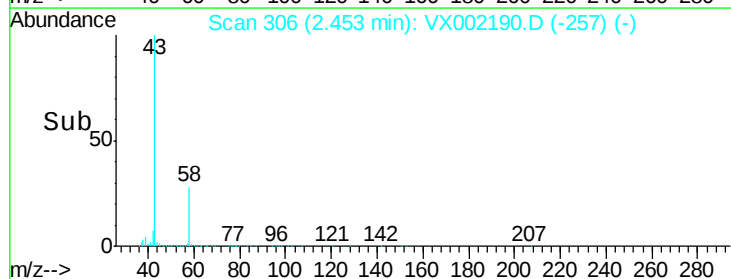
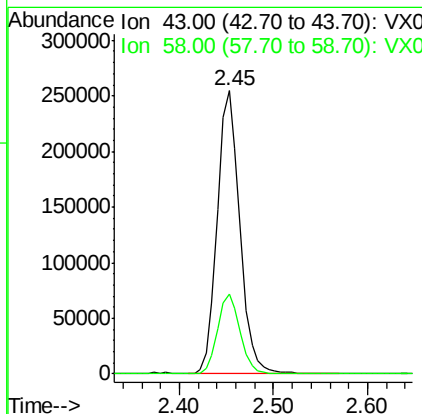
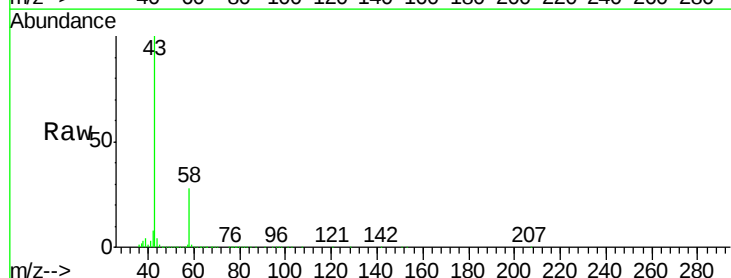
RT: 2.45 min Scan# 306

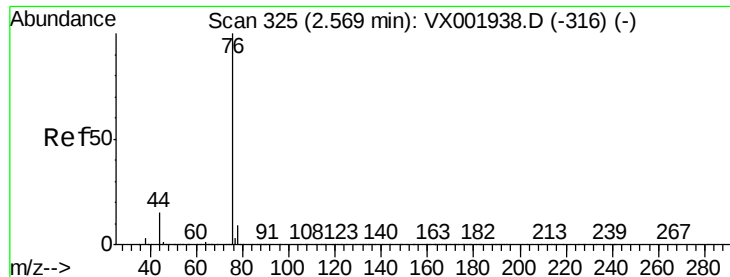
Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion:	43	Resp:	419952
Ion Ratio		Lower	Upper
43	100		
58	28.1	22.3	33.5





#17

Carbon Disulfide

Concen: 43.401 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 321107

Ion Ratio Lower Upper

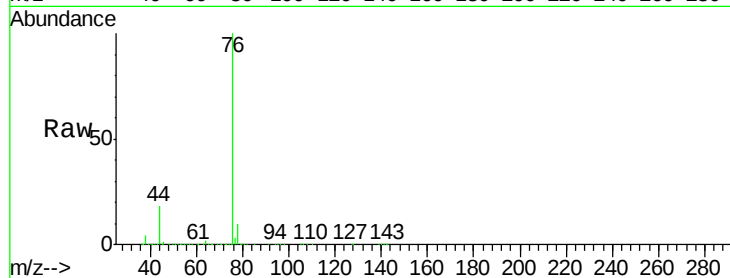
76 100

78 9.6 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

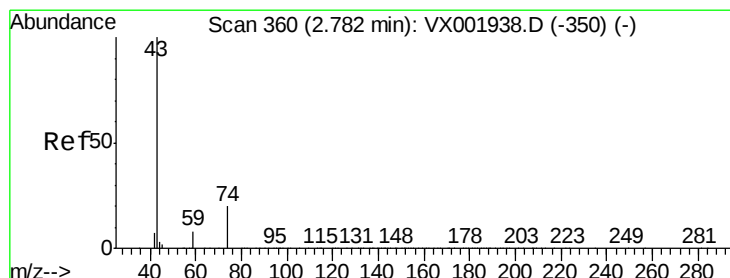
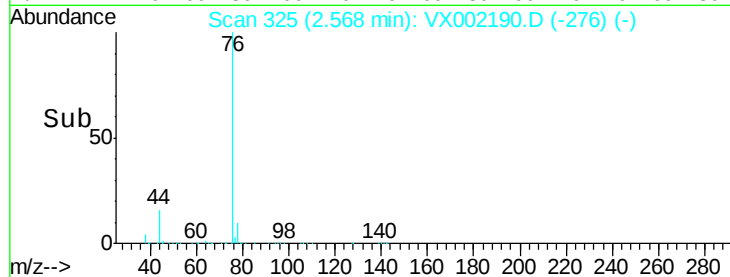
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 61.672 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002190.D

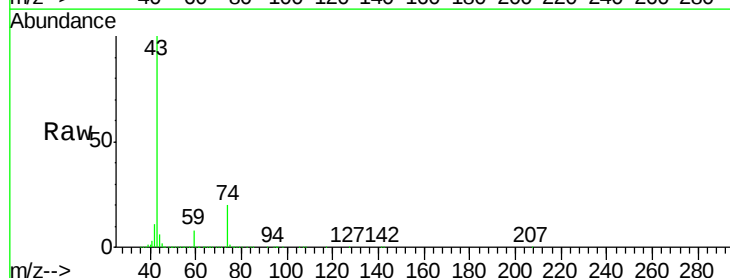
Acq: 31 May 2018 21:43

Tgt Ion: 43 Resp: 225070

Ion Ratio Lower Upper

43 100

74 20.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

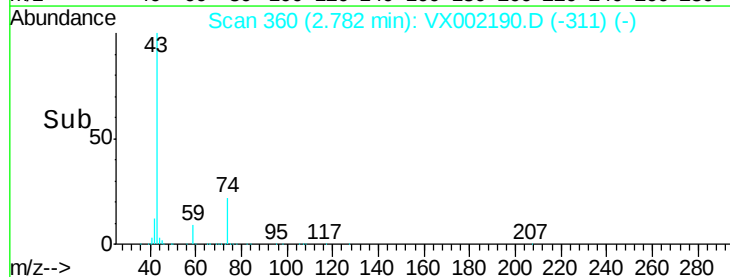
150000

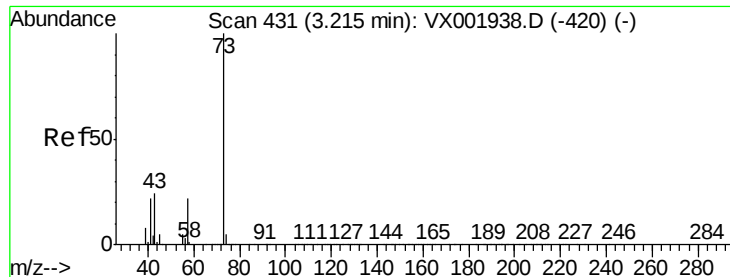
100000

50000

0

Time-->





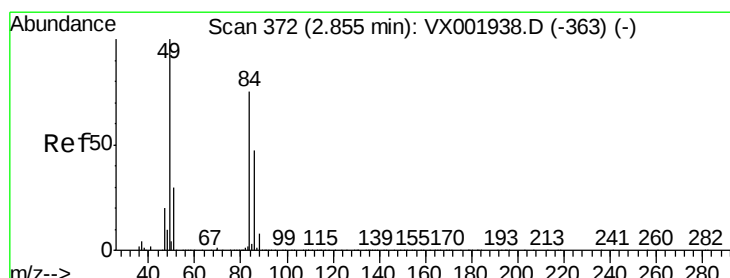
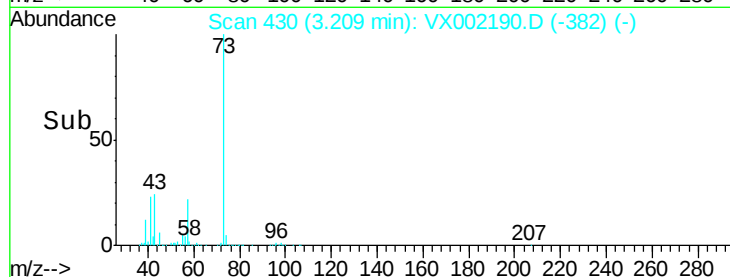
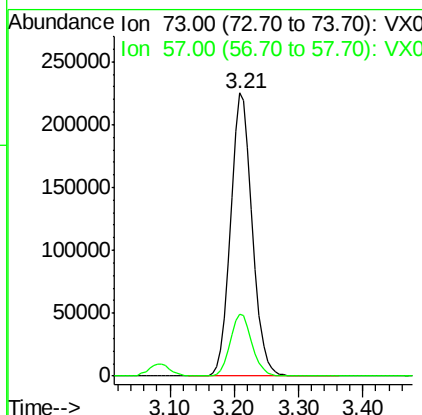
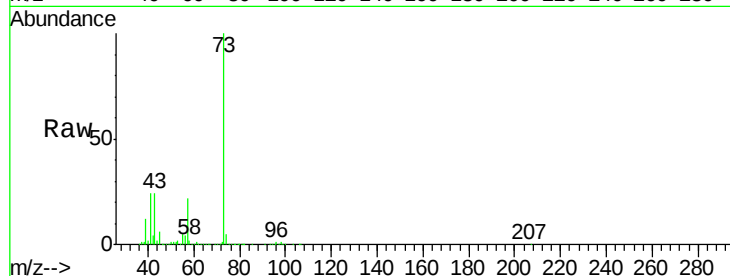
#19
Methvl tert-butvl Ether
Concen: 54.797 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.0

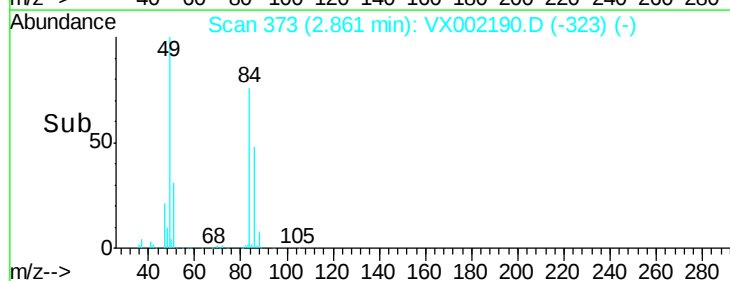
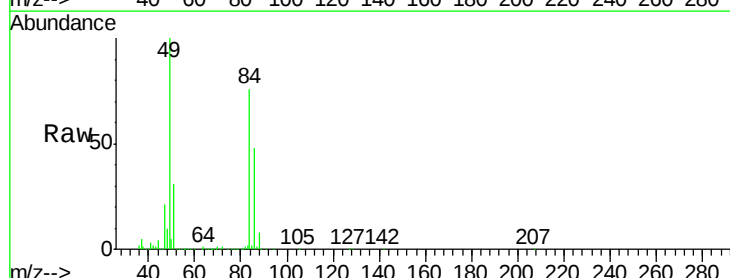
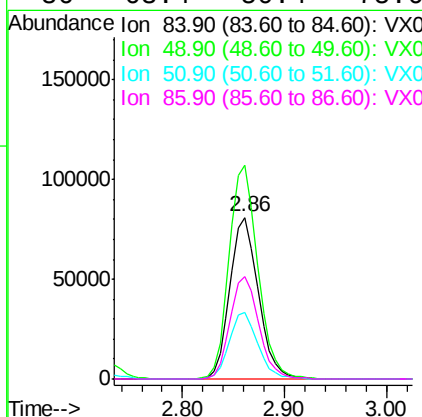
Manual Integrations
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#20
Methylene Chloride
Concen: 59.897 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.2	107.2	160.8
51	40.7	32.4	48.6
86	63.4	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 57.512 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

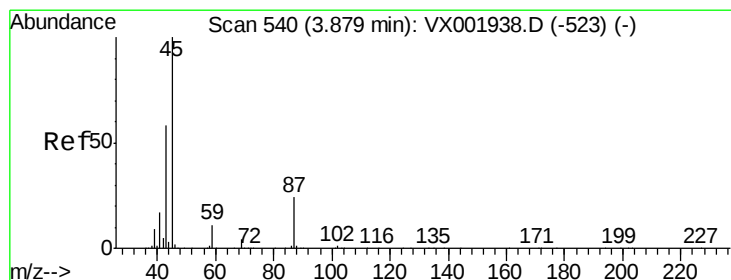
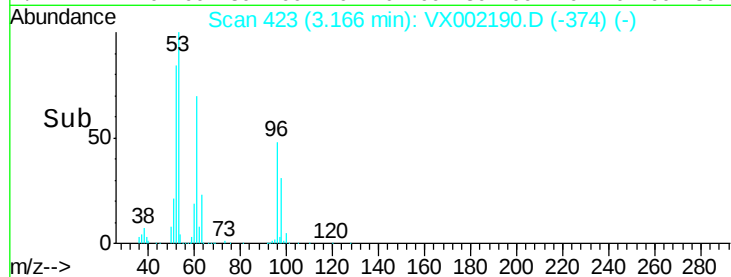
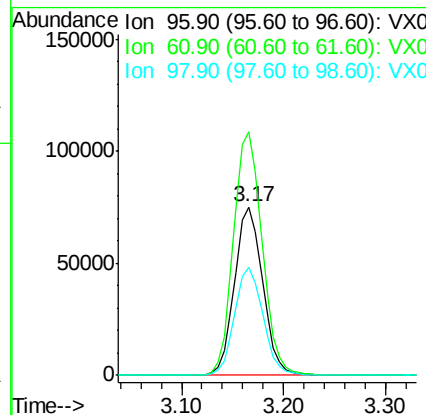
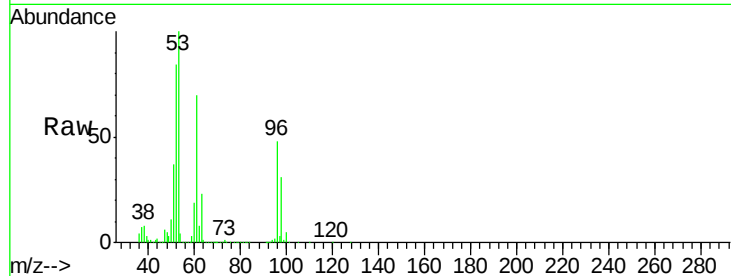
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	143344
Ion	Ratio	Lower	Upper
96	100		
61	144.6	113.3	169.9
98	64.4	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.038 ug/l

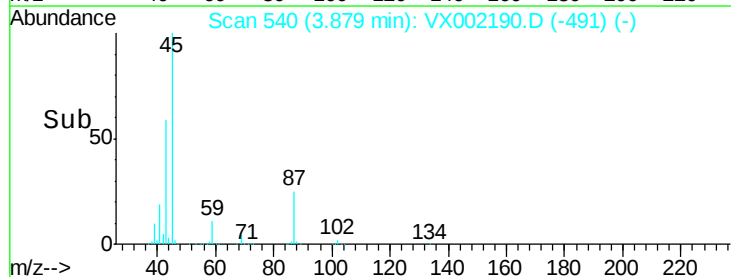
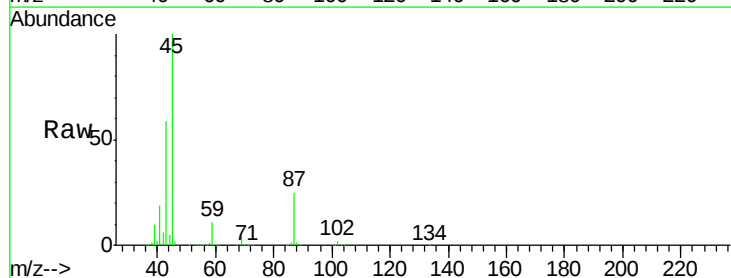
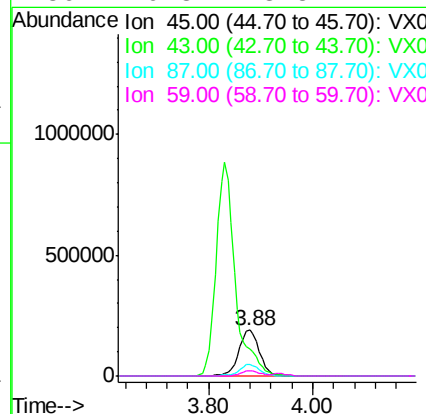
RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion:	45	Resp:	527280
Ion	Ratio	Lower	Upper
45	100		
43	59.1	47.0	70.6
87	24.7	19.4	29.0
59	10.8	8.5	12.7





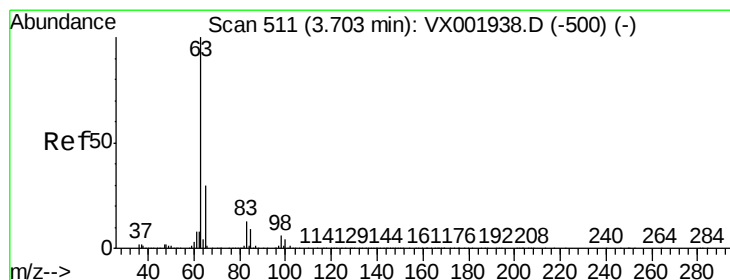
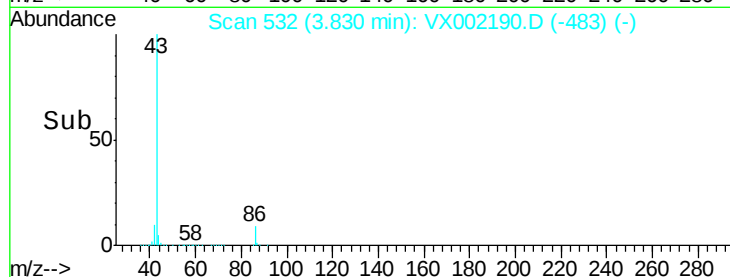
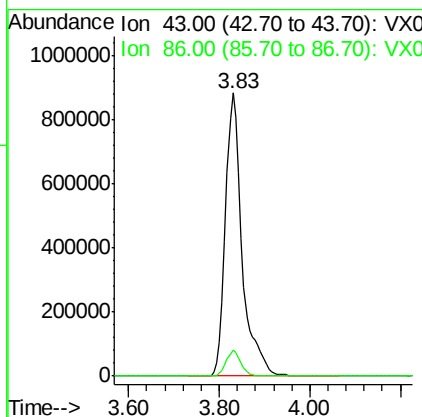
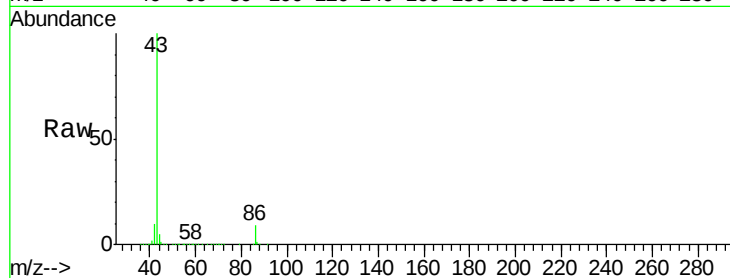
#23
 Vinyl Acetate
 Concen: 249.311 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2268859
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.6 11.4

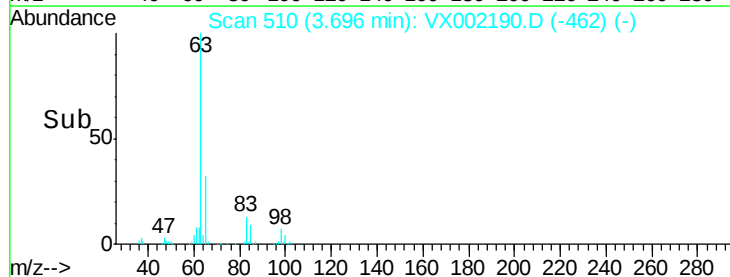
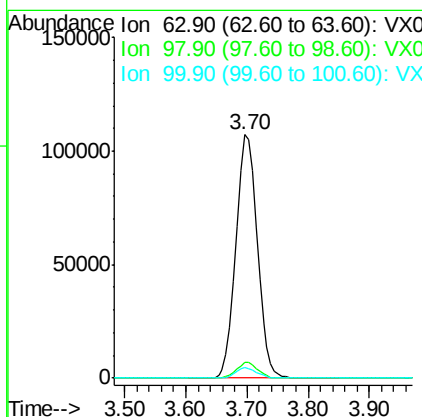
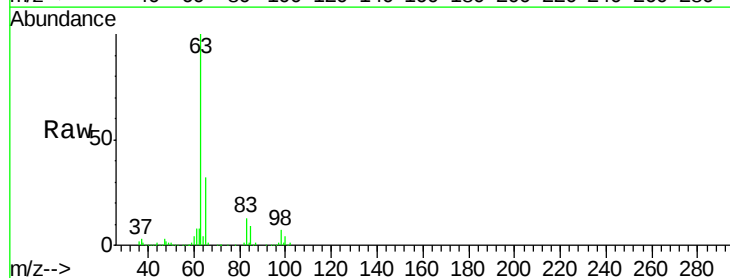
Manual Integrations
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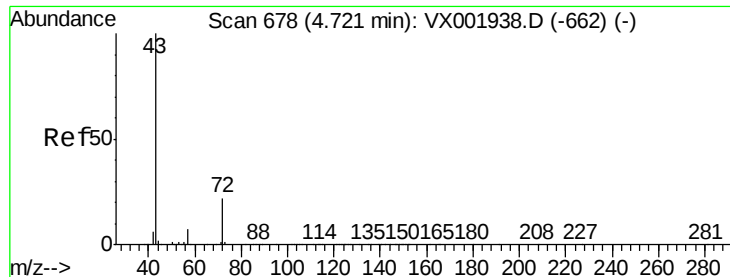
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 49.533 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Tgt Ion: 63 Resp: 258265
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.3 2.1 6.5





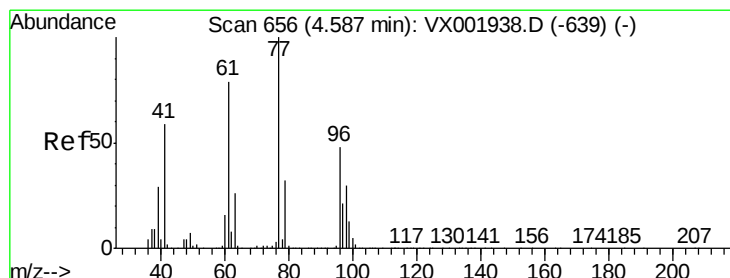
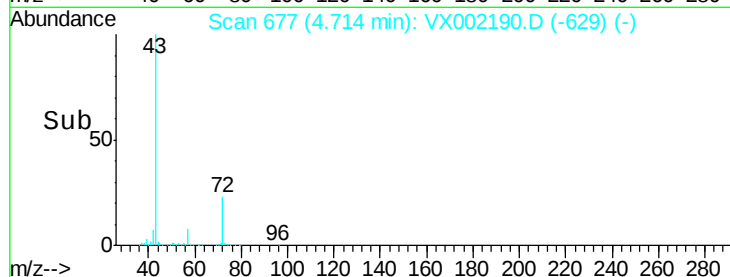
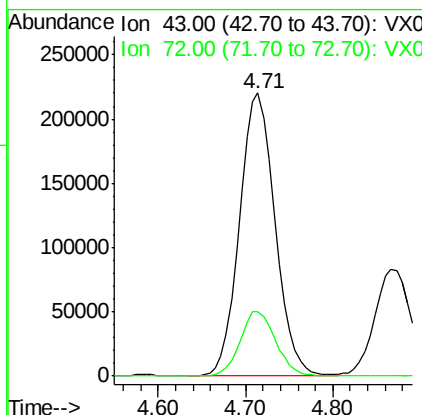
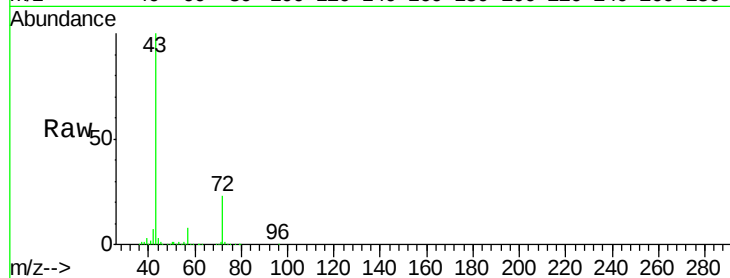
#25
2-Butanone
Concen: 223.089 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	622110
Ion Ratio	43	100	
Lower	72	22.5	17.9
Upper			26.9

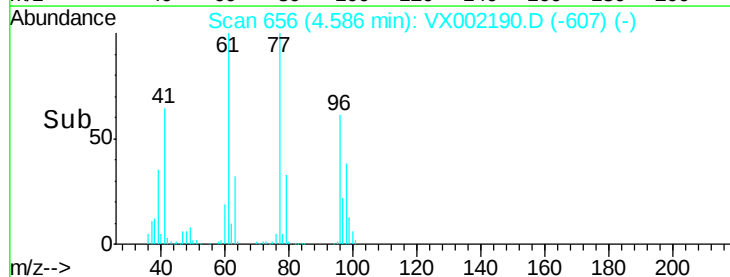
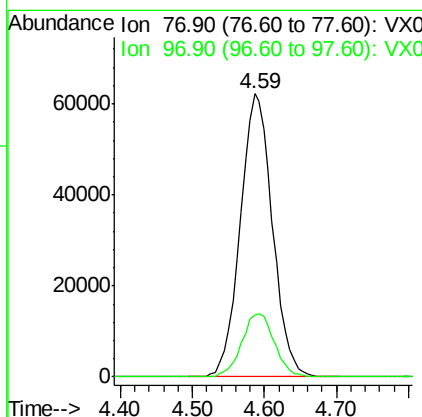
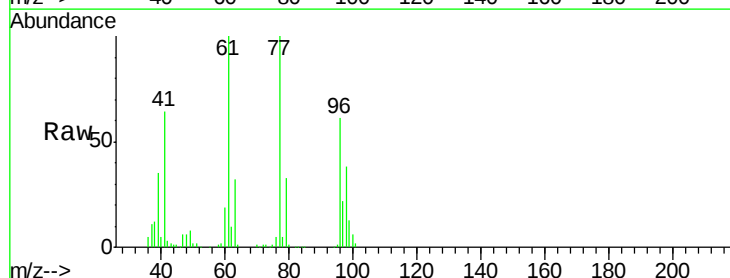
Manual Integrations
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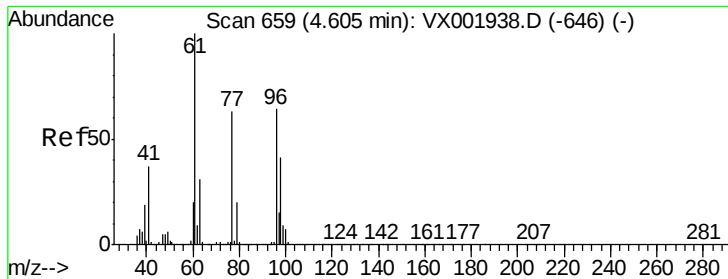
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#26
2,2-Dichloropropane
Concen: 36.439 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	77	Resp	192304
Ion Ratio	77	100	
Lower	97	22.8	11.2
Upper			33.5





#27

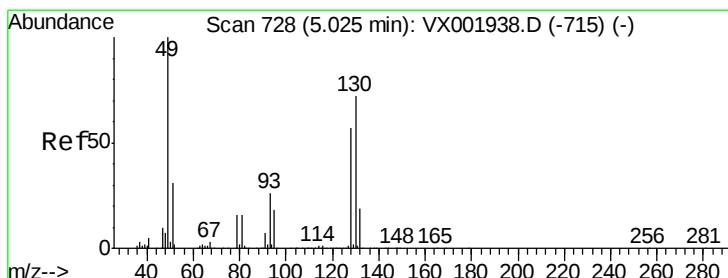
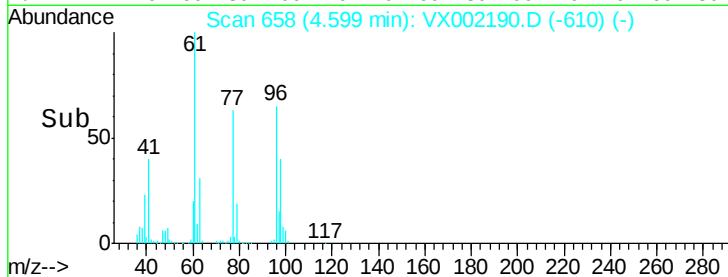
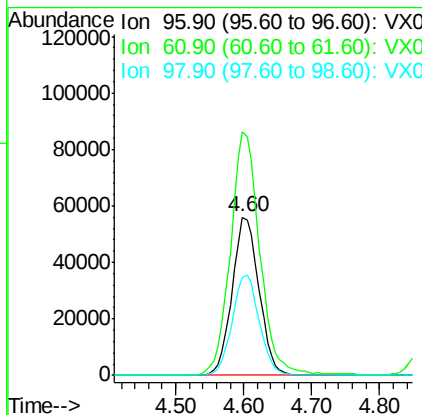
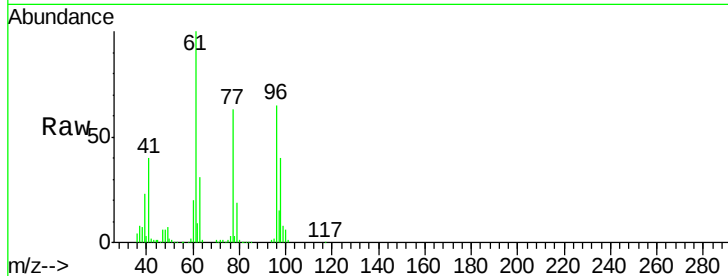
cis-1,2-Dichloroethene
Concen: 45.688 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	153155		
61	168.5	0.0	348.4	
98	64.2	0.0	128.6	

Manual Integrations
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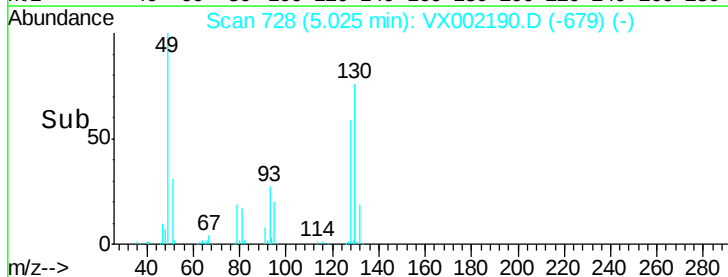
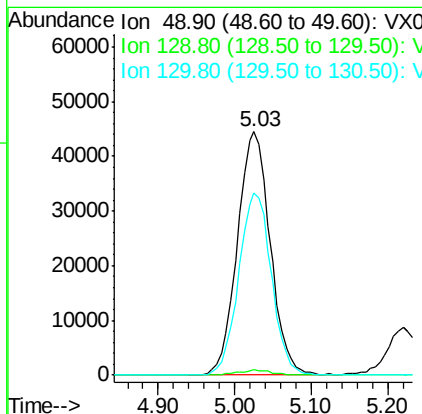
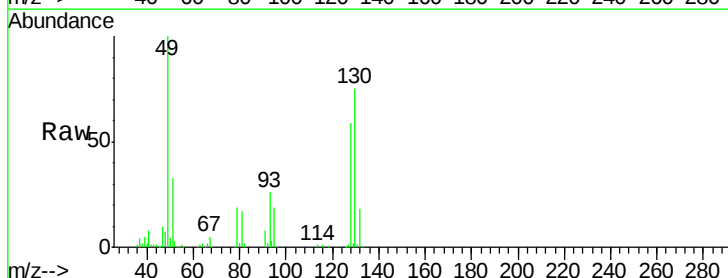
MMDadoda
6/1/2018 6:37:12 PM



#28

Bromochloromethane
Concen: 61.080 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	132828		
129	2.0	0.0	3.8	
130	74.5	59.4	89.2	





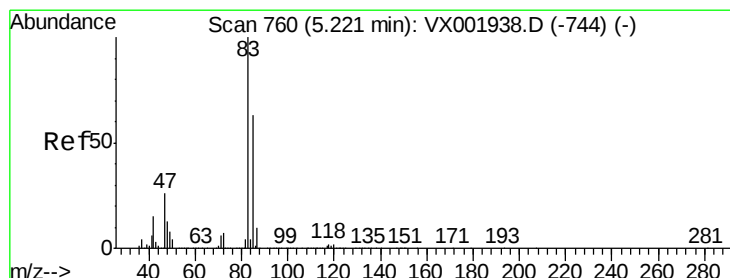
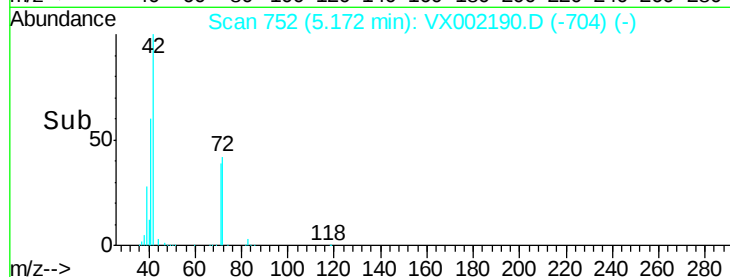
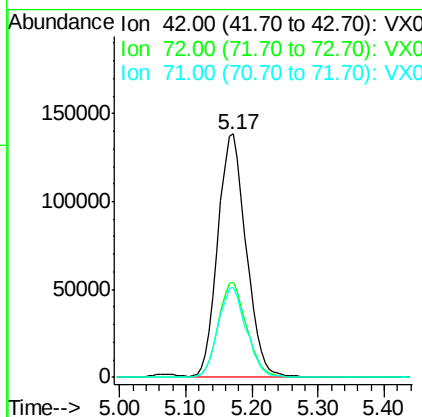
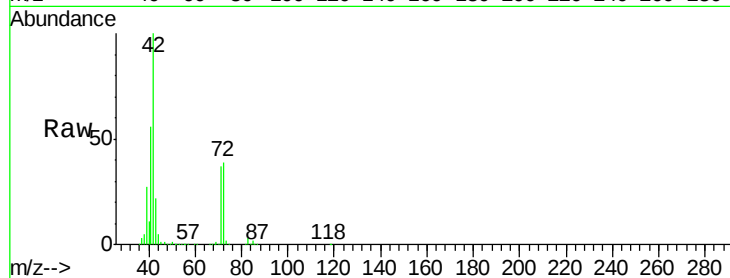
#29
Tetrahydrofuran
Concen: 226.423 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.4	47.0
71	36.7	29.5	44.3

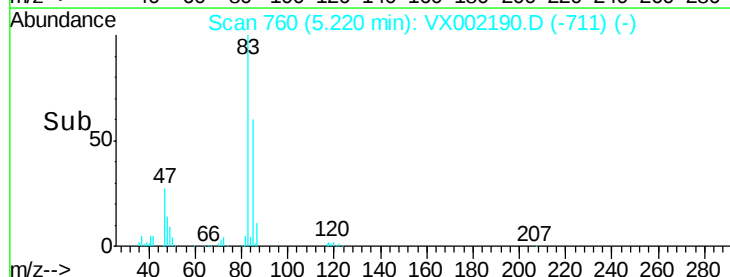
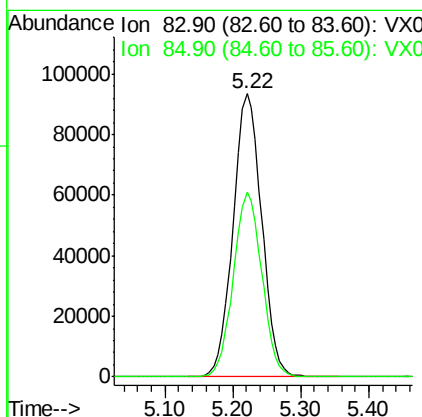
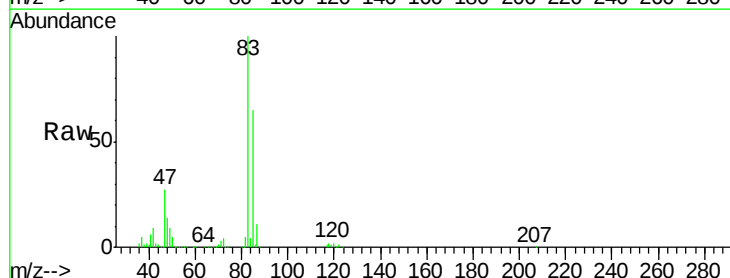
Manual Integrations
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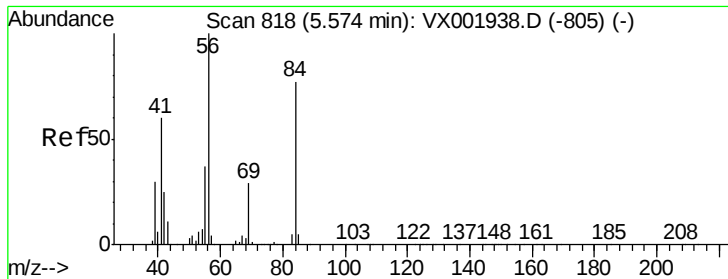
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#30
Chloroform
Concen: 46.472 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.9	76.3





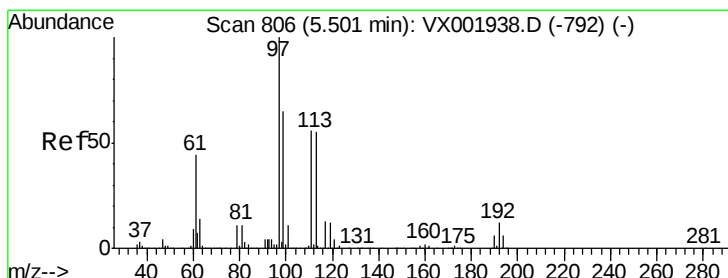
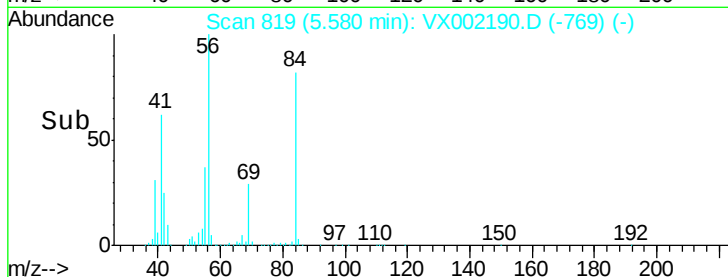
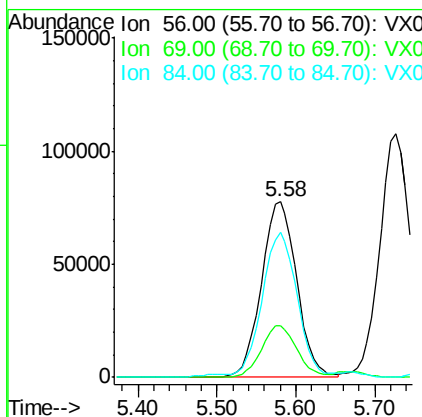
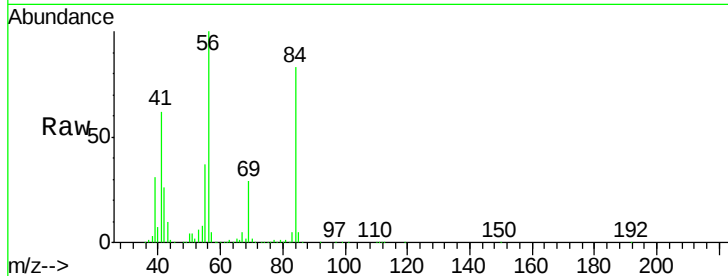
#31
Cyclohexane
Concen: 44.392 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.1	34.7
84	82.2	62.0	93.0

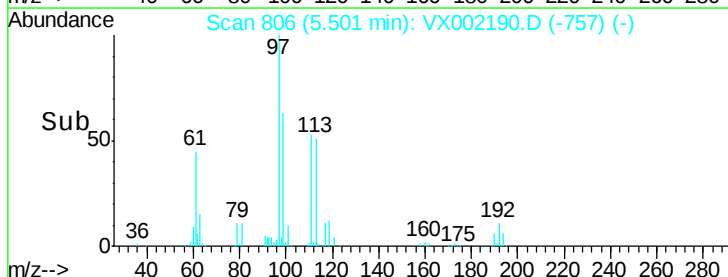
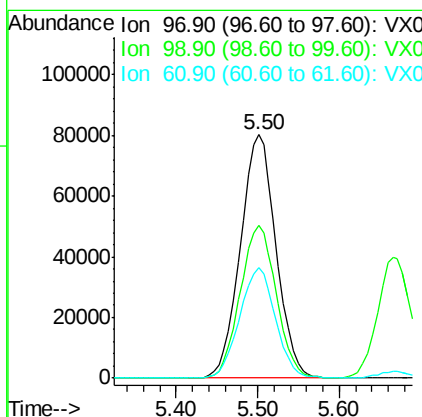
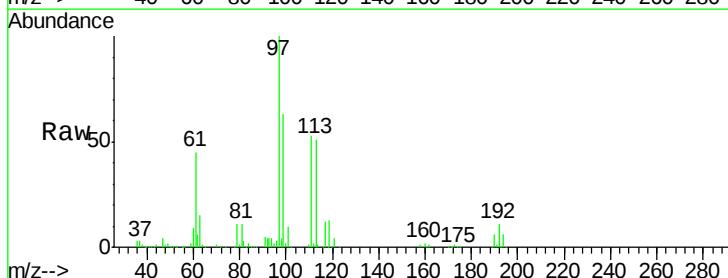
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#32
1,1,1-Trichloroethane
Concen: 44.369 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.9	77.9
61	45.9	35.9	53.9





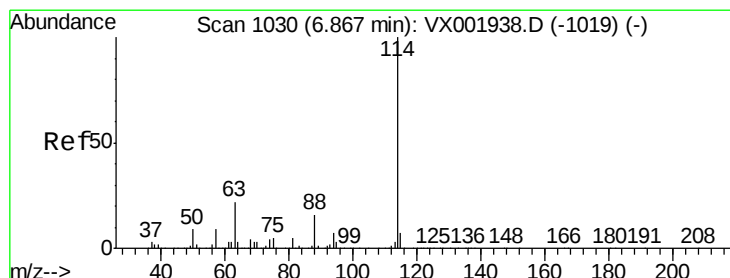
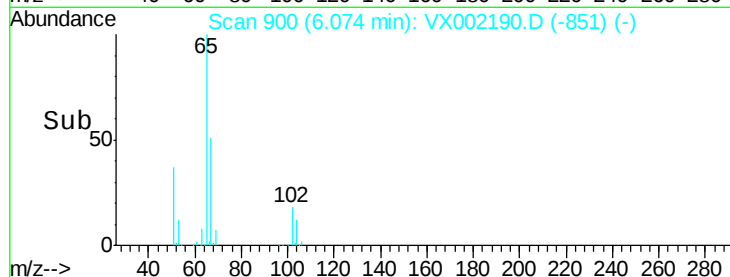
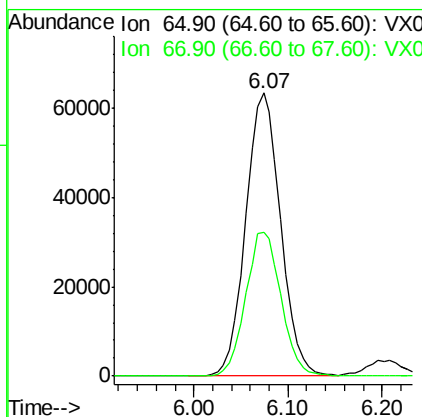
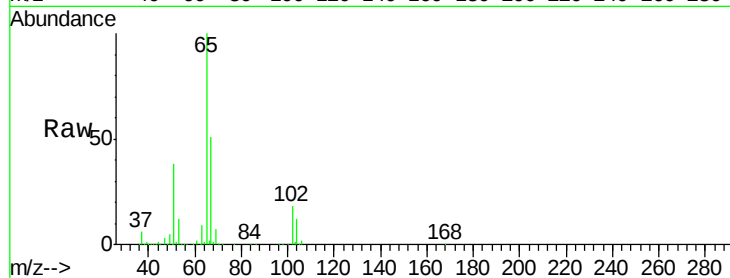
#33
 1,2-Dichloroethane-d4
 Concen: 41.750 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0

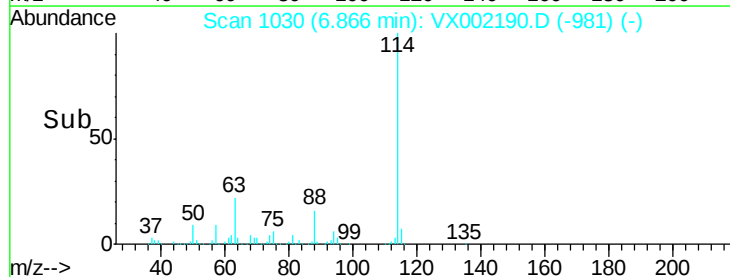
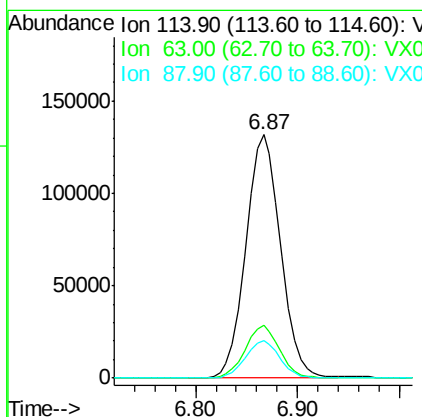
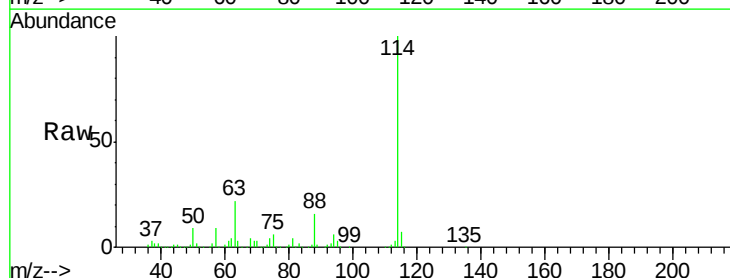
Manual Integrations
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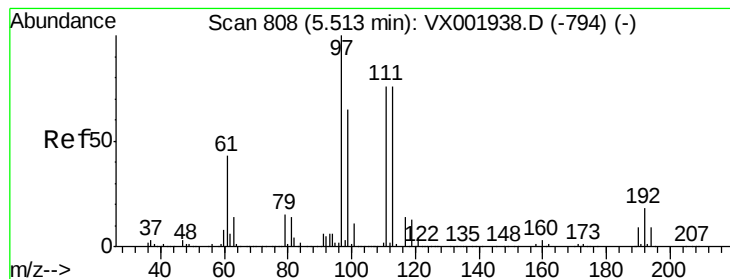
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 6/1/2018 6:37:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	15.6	0.0	31.6





#35

Dibromofluoromethane

Concen: 41.008 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

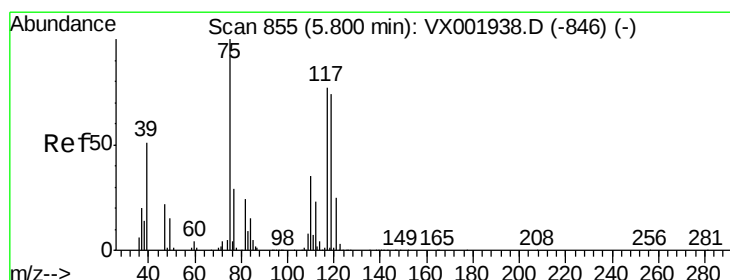
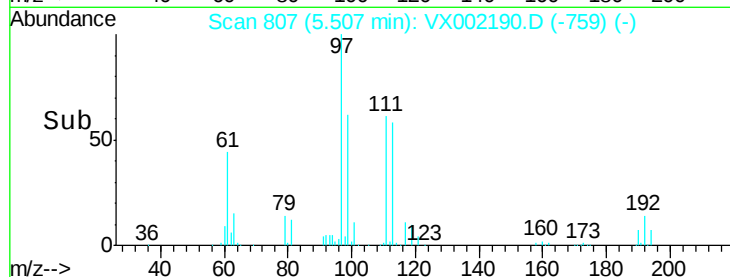
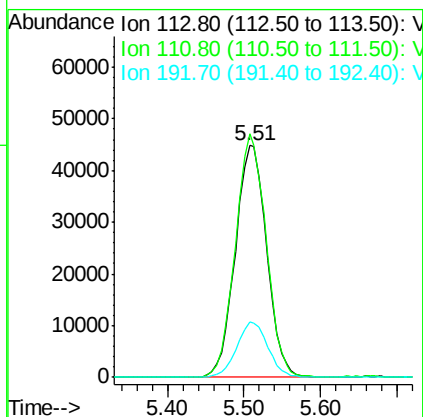
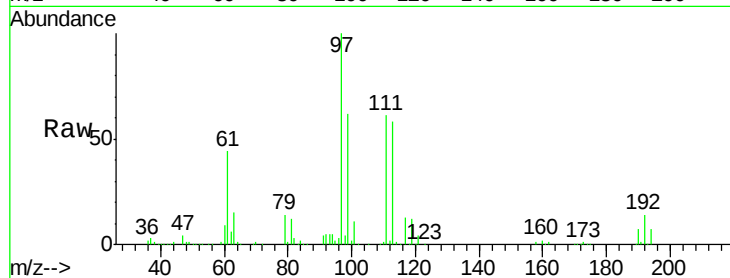
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	127797
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.0	123.0
192	23.5	18.9	28.3

Manual Integrations
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6/1/2018 6:37:12 PM



#36

1,1-Dichloropropene

Concen: 45.386 ug/l

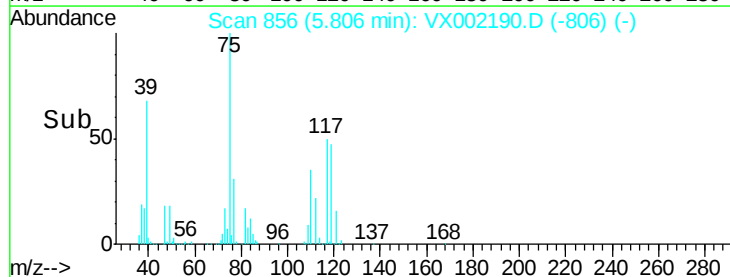
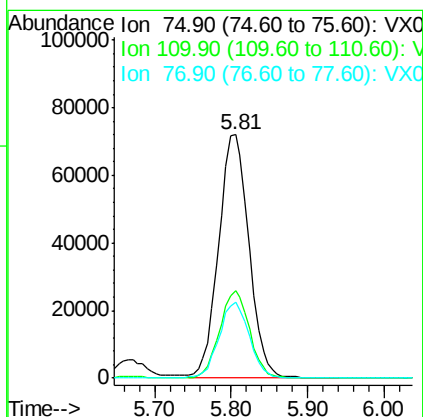
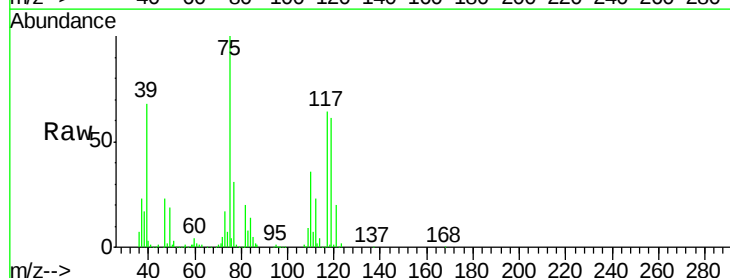
RT: 5.81 min Scan# 856

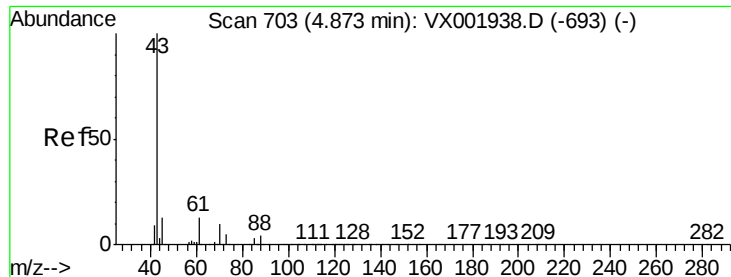
Delta R.T. 0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion:	75	Resp:	196740
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.4	52.2
77	31.0	24.4	36.6





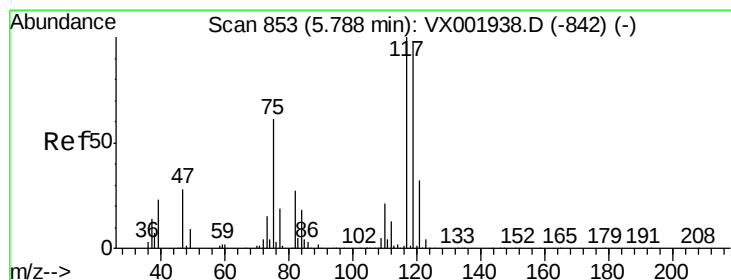
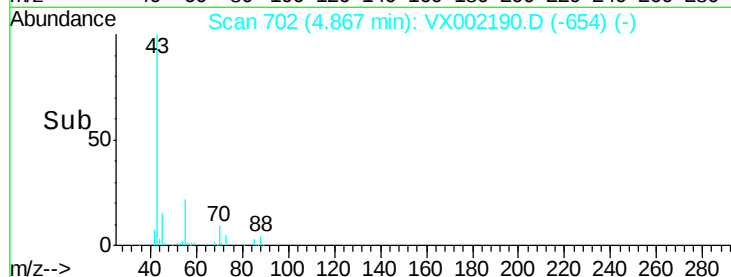
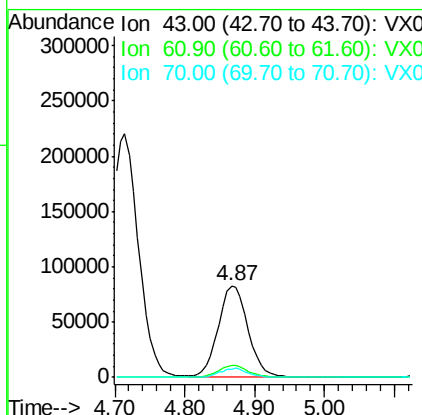
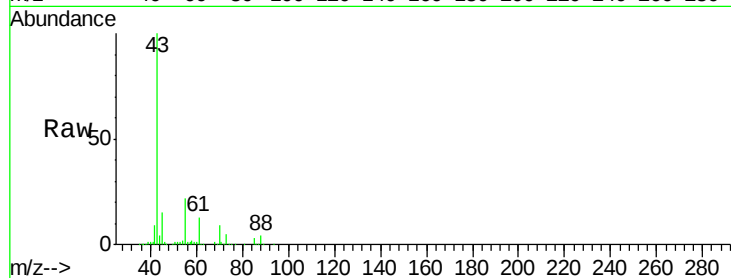
#37
Ethyl Acetate
Concen: 43.172 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.2
70	9.2	7.8	11.8

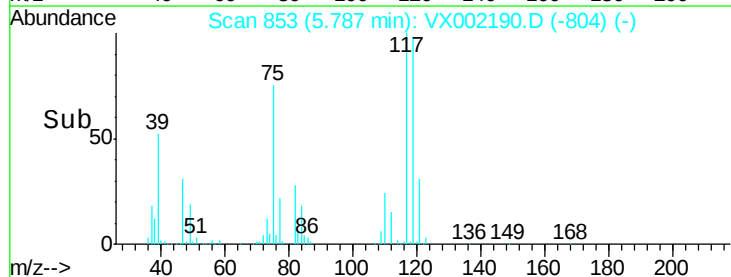
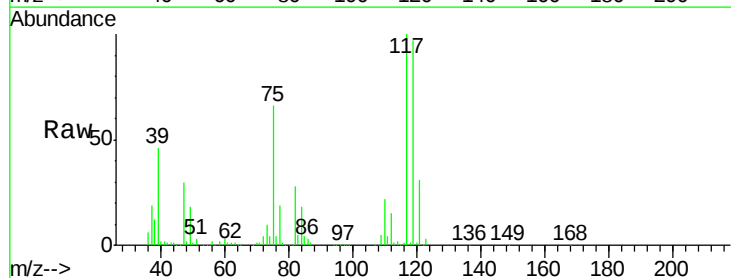
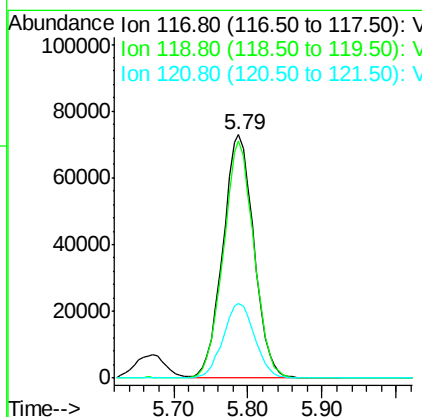
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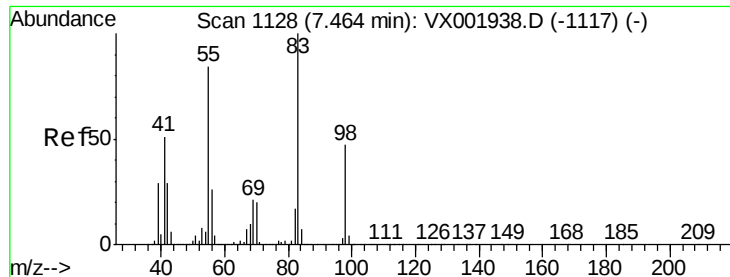
MMDadoda
6/1/2018 6:37:12 PM



#38
Carbon Tetrachloride
Concen: 41.886 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.5	117.7
121	30.7	25.5	38.3





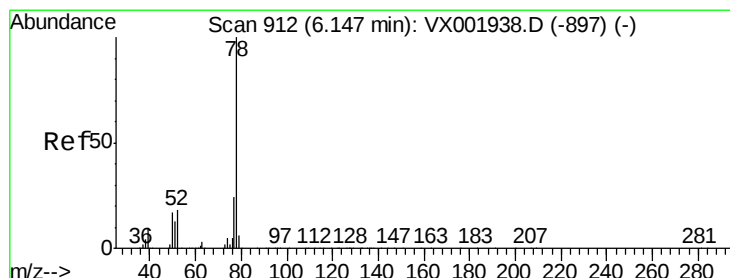
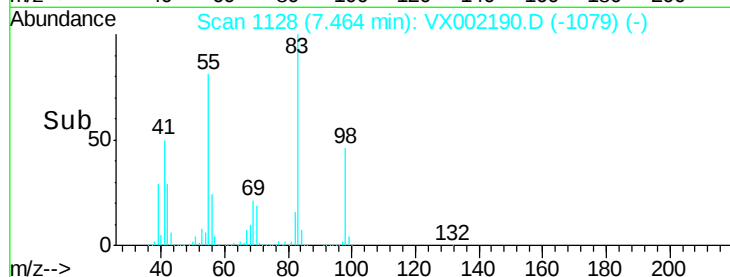
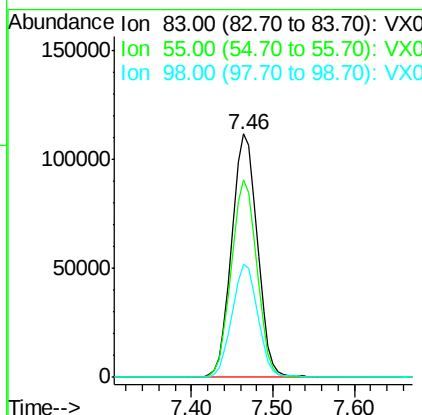
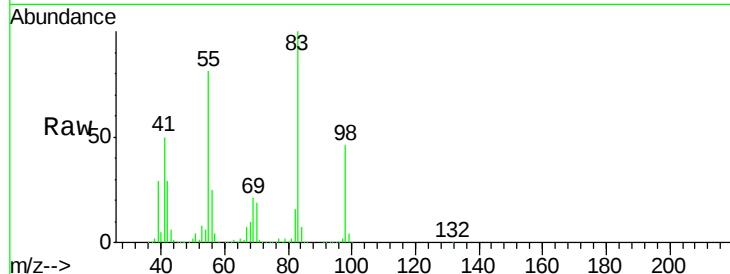
#39
Methvlcvclohexane
Concen: 45.354 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	67.3	100.9
98	46.4	37.5	56.3

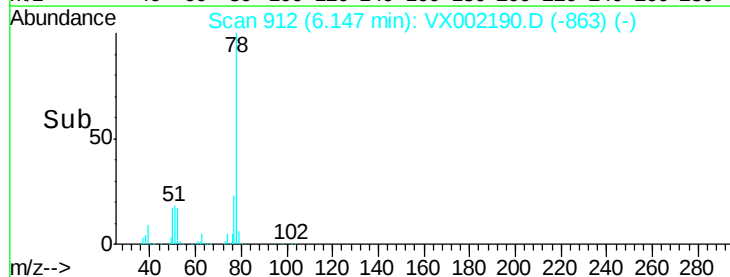
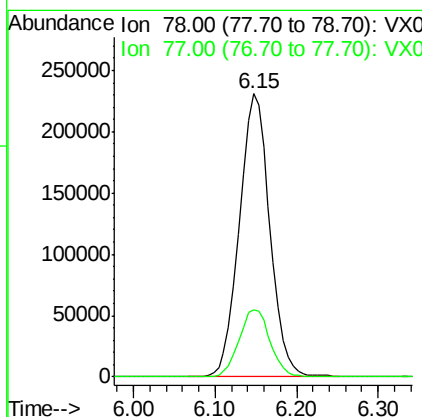
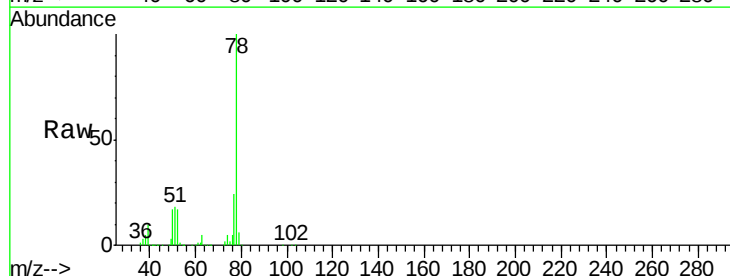
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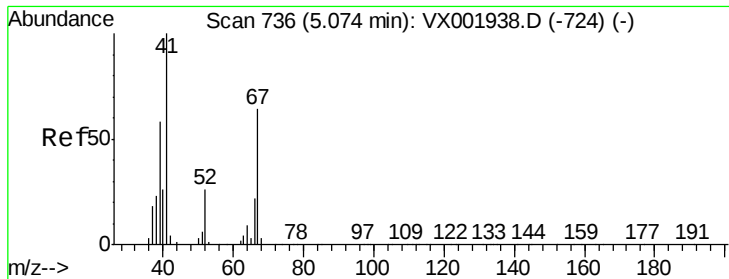
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6/1/2018 6:37:12 PM



#40
Benzene
Concen: 47.040 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





#41

Methacrylonitrile

Concen: 46.830 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

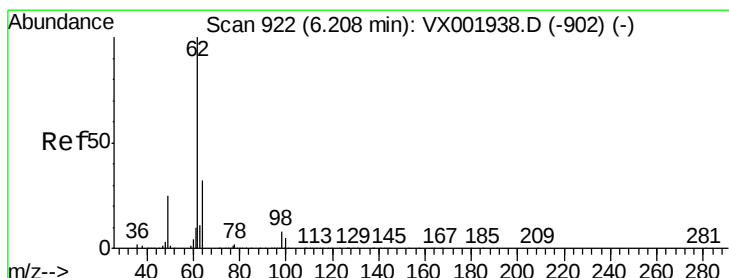
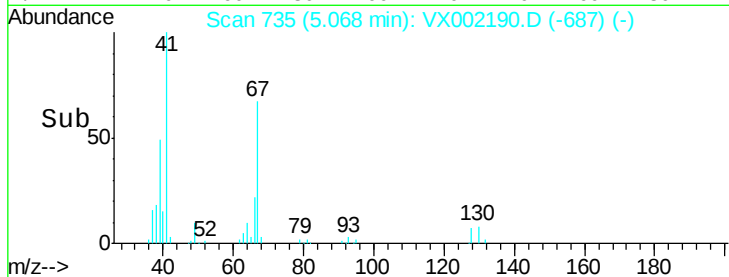
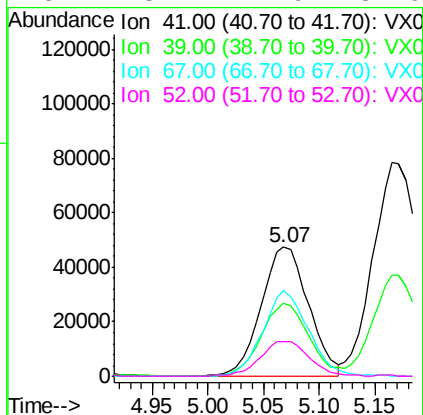
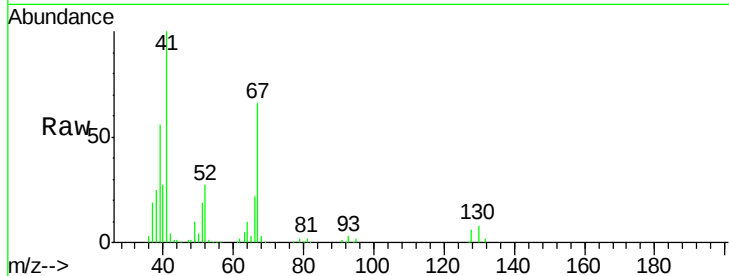
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.8	46.0	69.0		
67	63.9	50.6	75.8		
52	28.4	21.9	32.9		

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#42

1,2-Dichloroethane

Concen: 46.529 ug/l

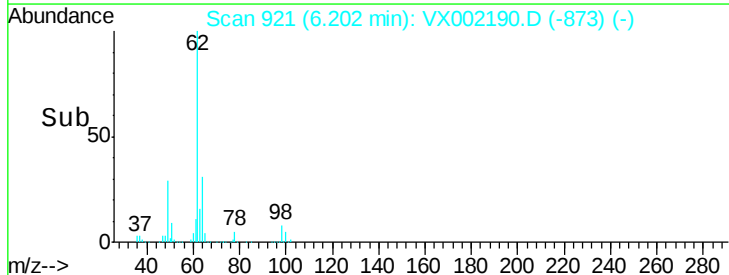
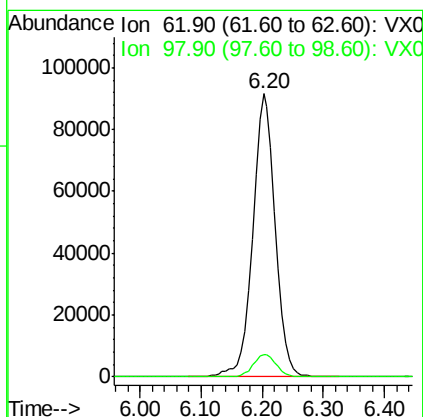
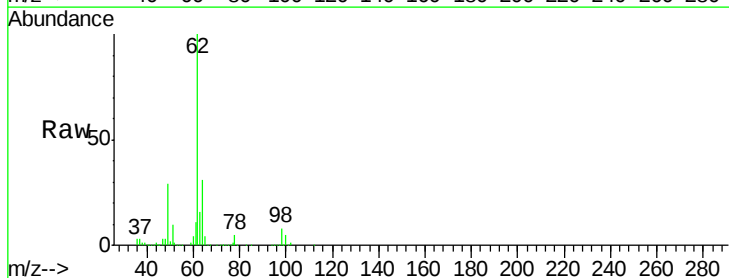
RT: 6.20 min Scan# 921

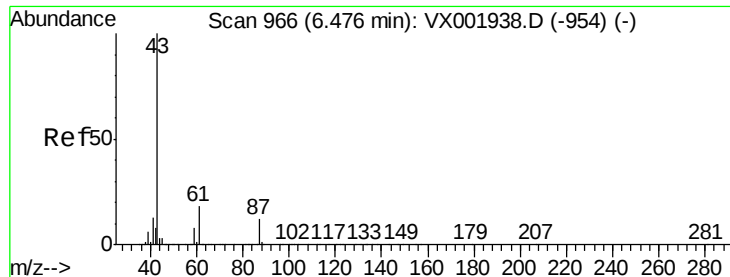
Delta R.T. -0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.2	0.0	17.0		





#43

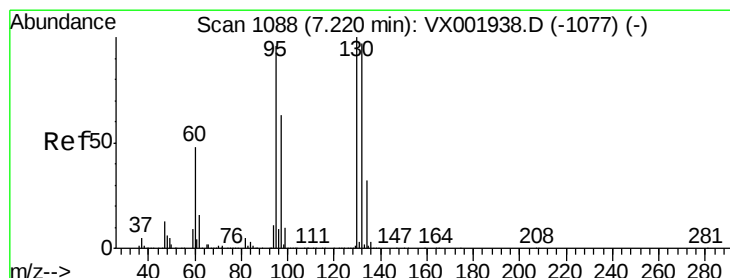
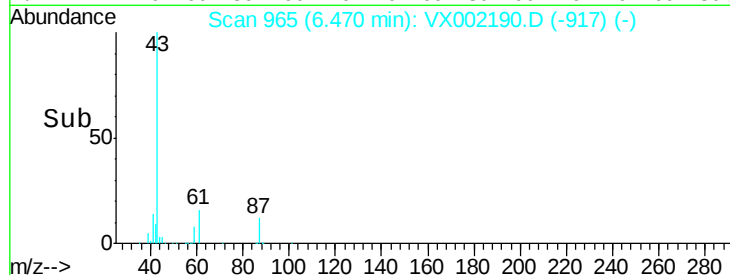
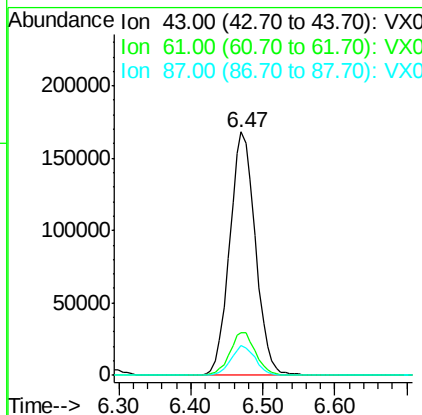
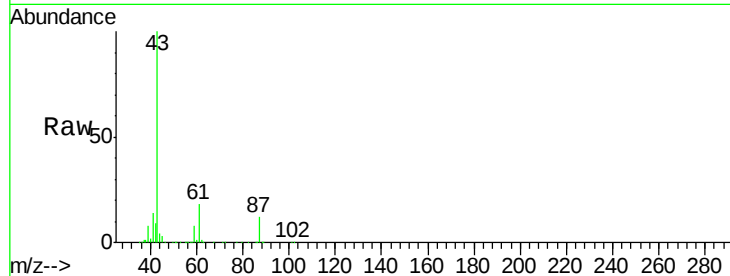
Isopropyl Acetate
 Concen: 44.157 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	415798
Ion Ratio	100	Lower	Upper
43	100		
61	17.9	14.5	21.7
87	11.6	9.5	14.3

Manual Integrations
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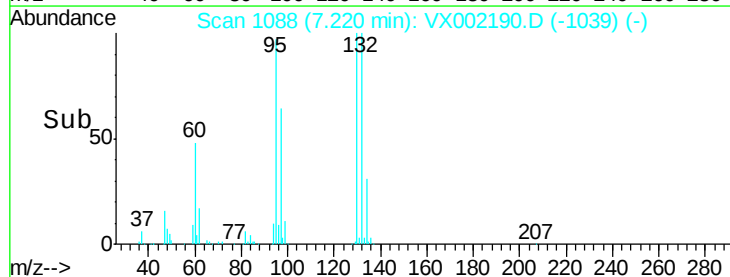
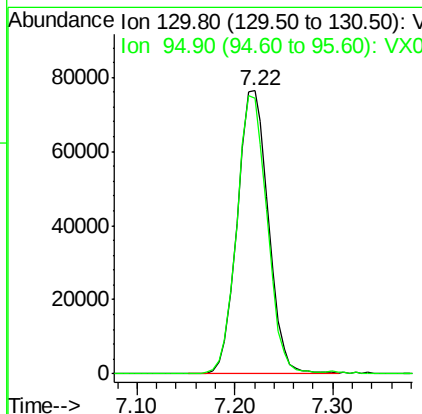
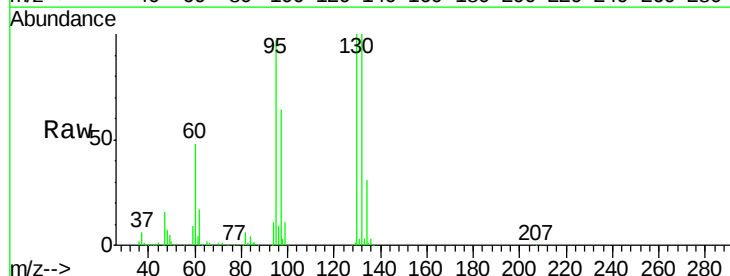
MMDadoda
 6/1/2018 6:37:12 PM



#44

Trichloroethene
 Concen: 45.621 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Tgt Ion	130	Resp	168833
Ion Ratio	100	Lower	Upper
130	100		
95	97.5	0.0	192.0





#45

1,2-Dichloropropane

Concen: 45.809 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 157987

Ion Ratio Lower Upper

63 100

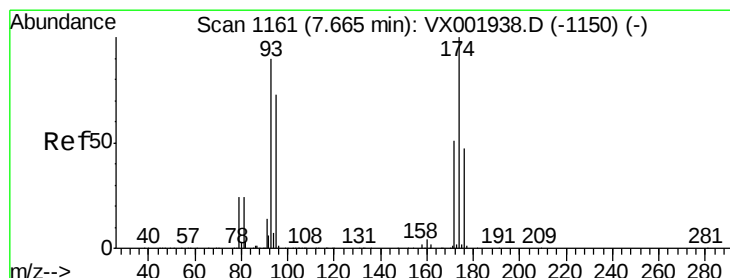
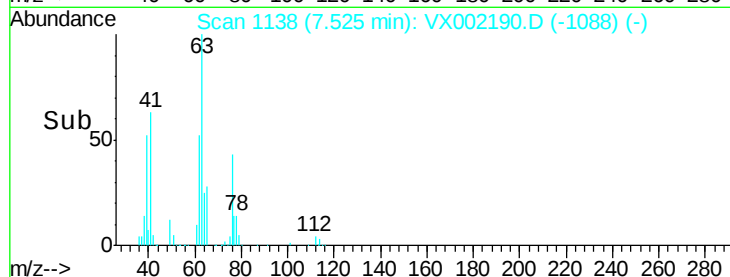
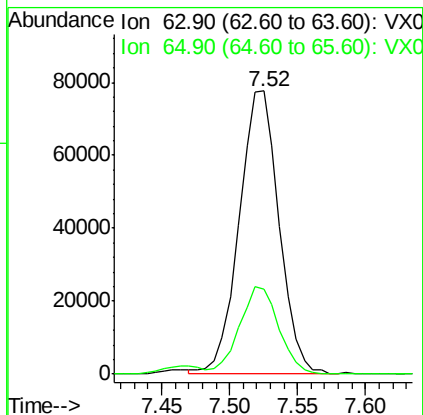
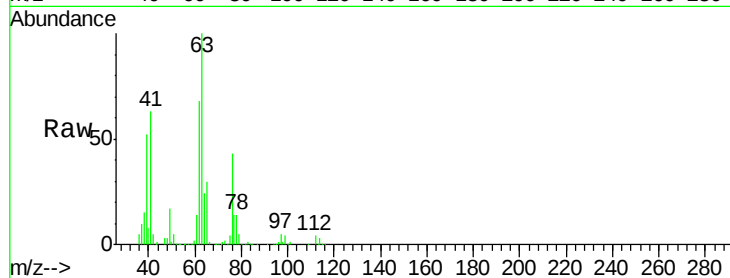
65 29.8 24.1 36.1

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#46

Dibromomethane

Concen: 45.986 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

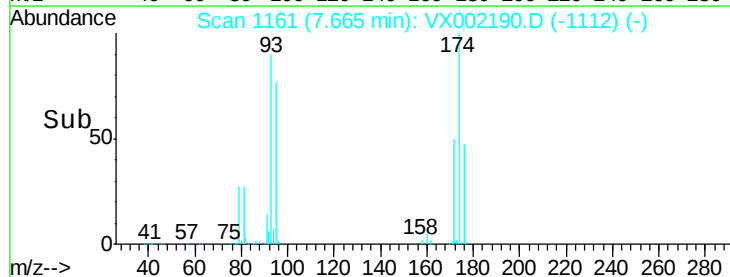
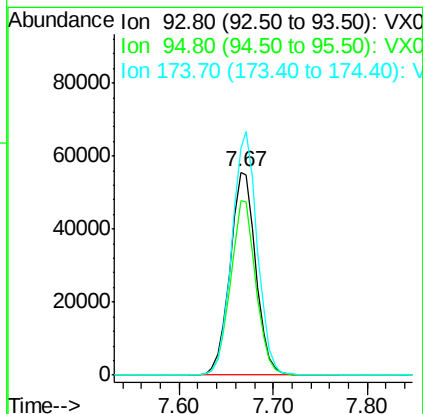
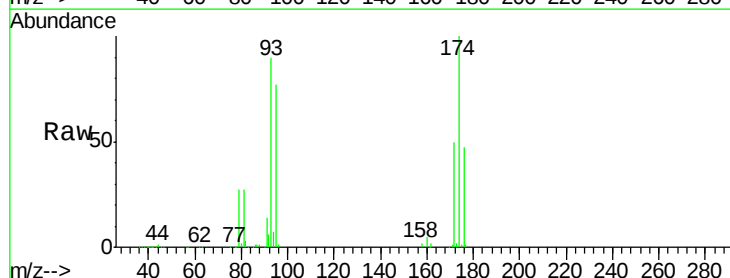
Tgt Ion: 93 Resp: 105006

Ion Ratio Lower Upper

93 100

95 84.7 66.1 99.1

174 117.8 92.5 138.7





#47

Bromodichloromethane

Concen: 41.339 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

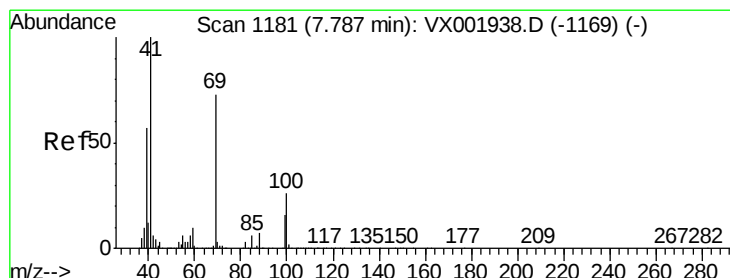
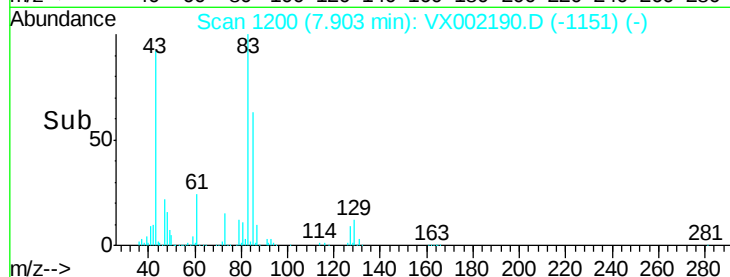
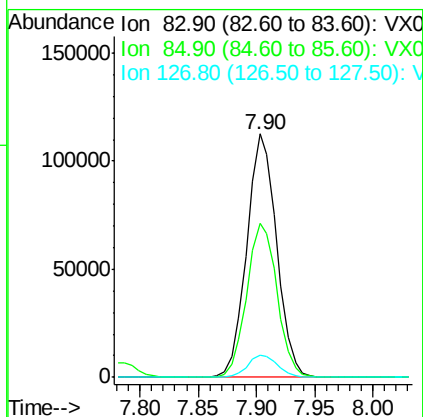
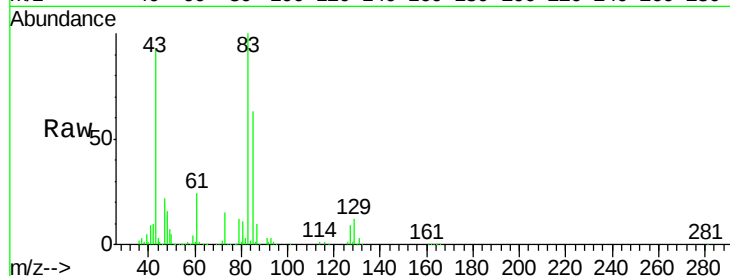
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	201267
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.4	77.2
127	9.0	7.1	10.7

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#48

Methyl methacrylate

Concen: 44.271 ug/l

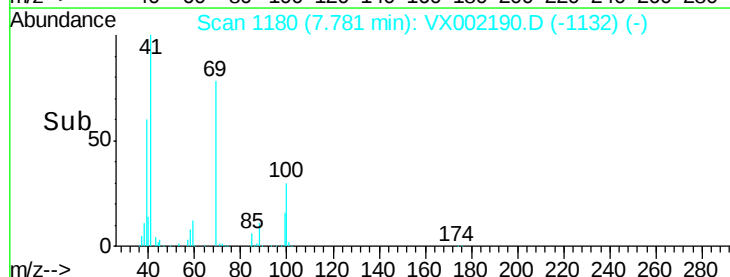
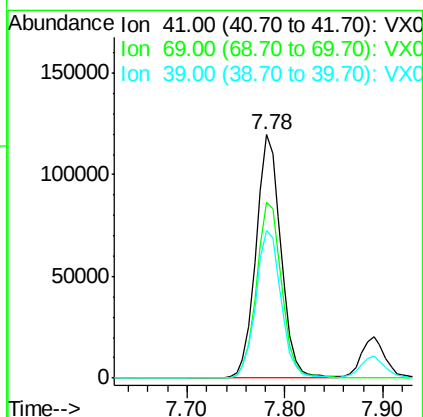
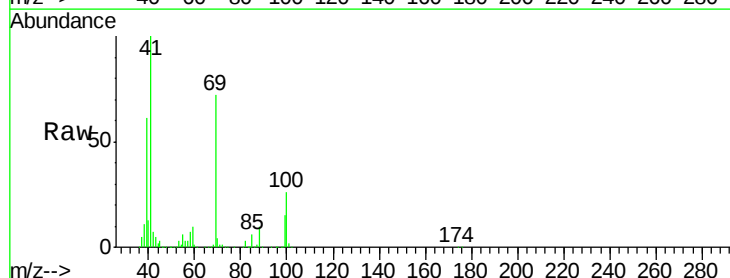
RT: 7.78 min Scan# 1180

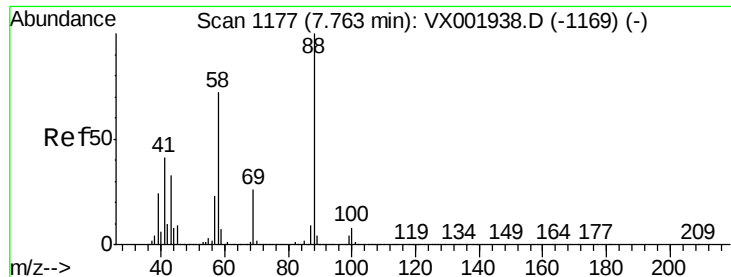
Delta R.T. -0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion:	41	Resp:	212170
Ion Ratio	Lower	Upper	
41	100		
69	73.4	58.6	87.8
39	61.5	46.3	69.5





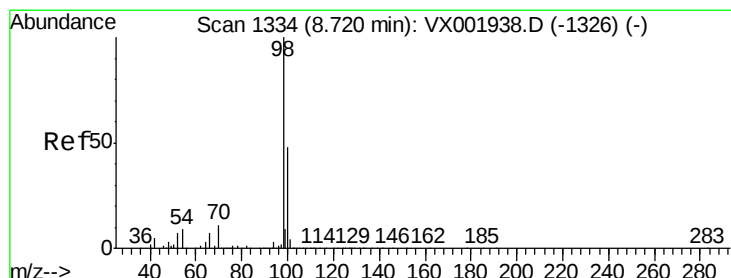
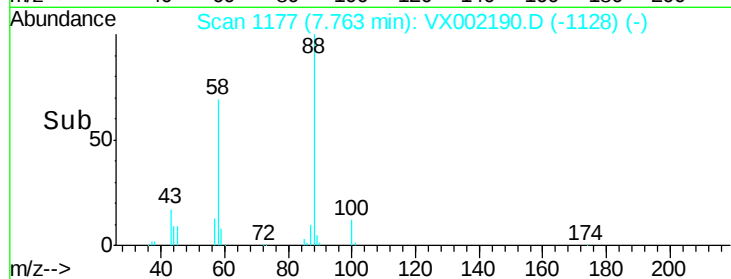
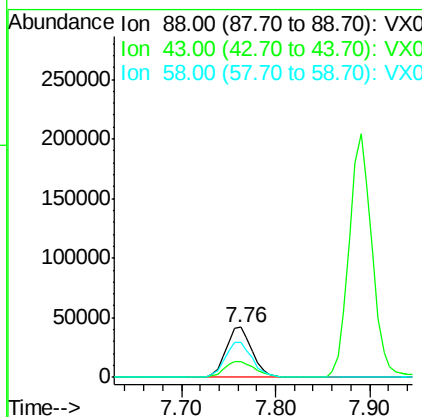
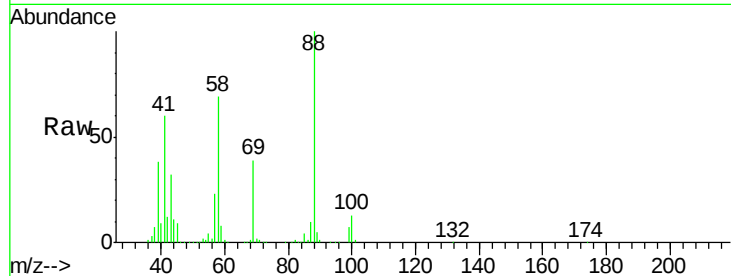
#49
1,4-Dioxane
Concen: 955.635 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	29.8	44.8
58	72.1	58.7	88.1

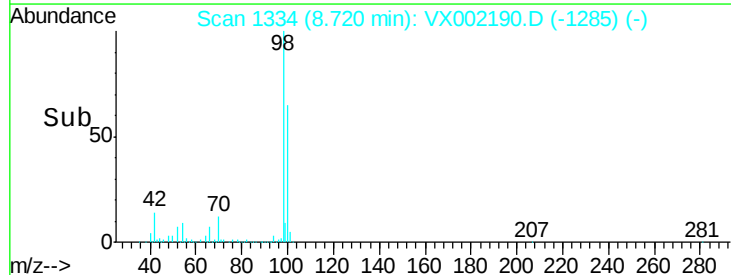
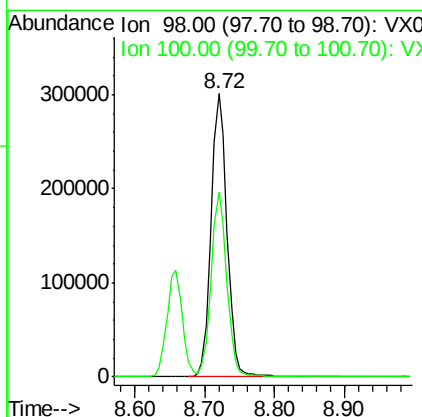
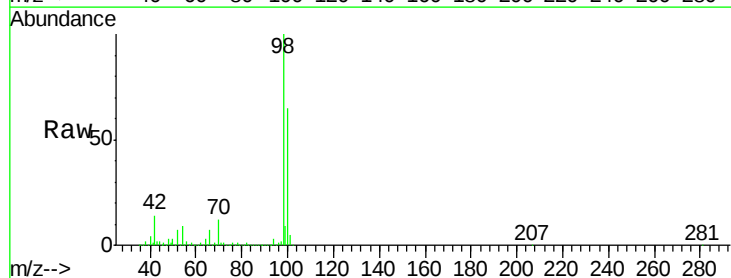
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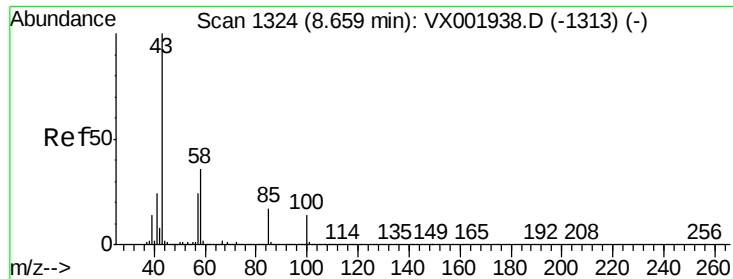
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6/1/2018 6:37:12 PM



#50
Toluene-d8
Concen: 42.277 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 235.268 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1335450

Ion Ratio Lower Upper

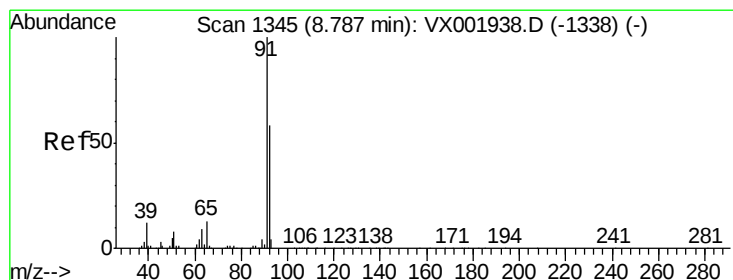
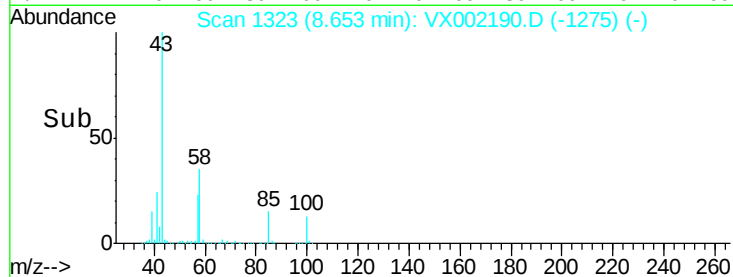
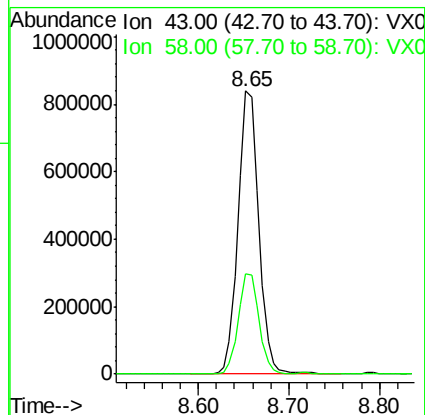
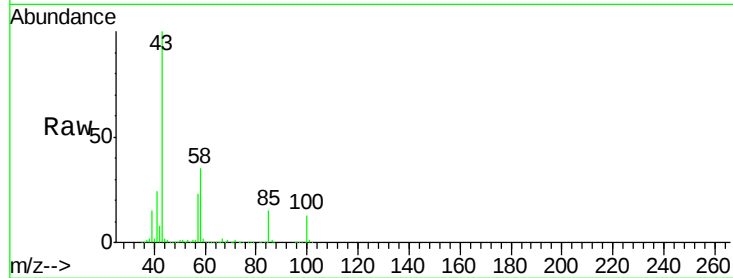
43 100

58 35.5 28.5 42.7

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6/1/2018 6:37:12 PM



#52

Toluene

Concen: 48.017 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002190.D

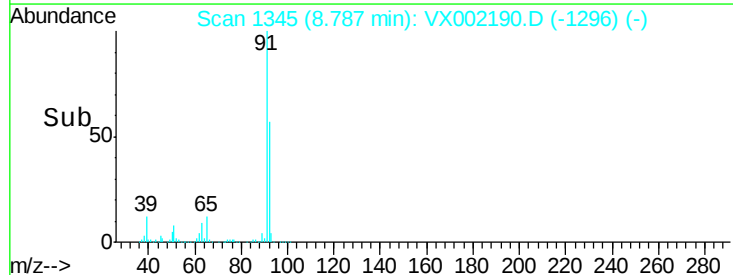
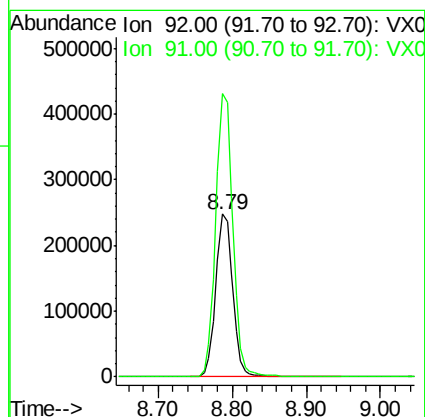
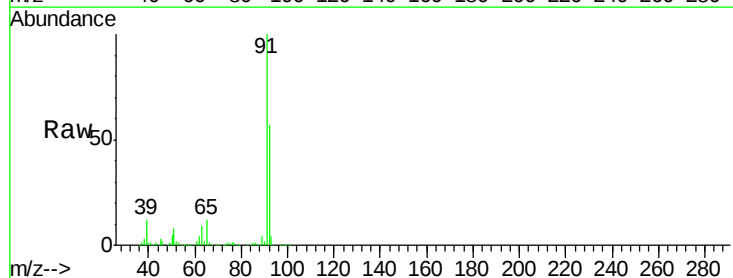
Acq: 31 May 2018 21:43

Tgt Ion: 92 Resp: 388076

Ion Ratio Lower Upper

92 100

91 175.9 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 42.873 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 240412

Ion Ratio Lower Upper

75 100

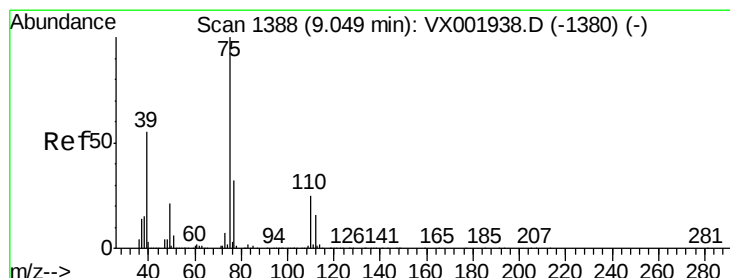
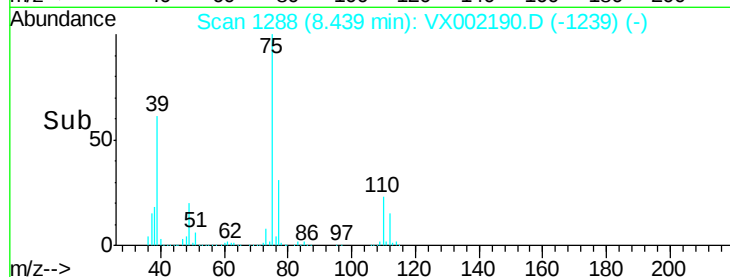
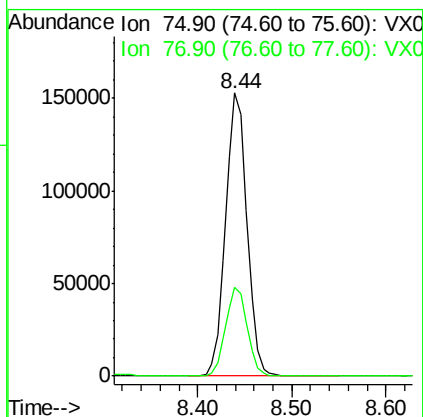
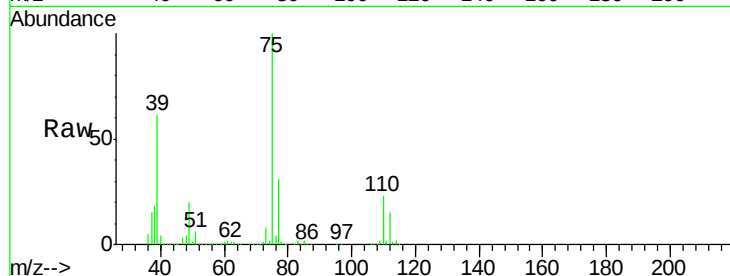
77 31.5 25.5 38.3

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6/1/2018 6:37:12 PM



#54

cis-1,3-Dichloropropene

Concen: 42.034 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

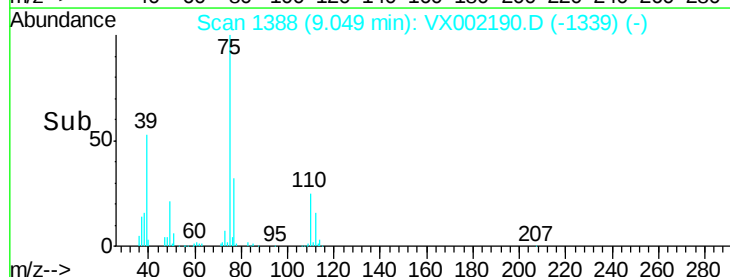
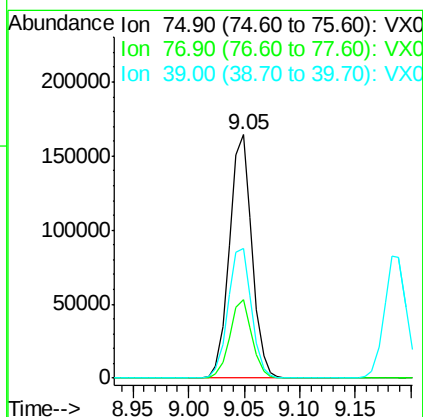
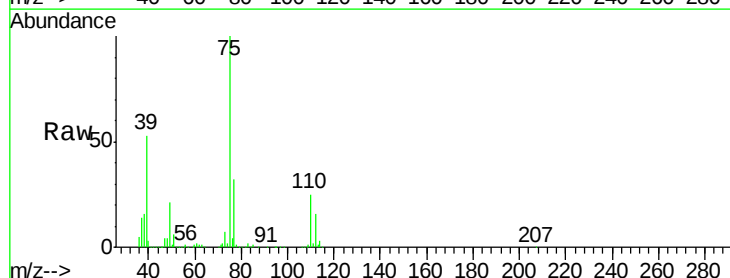
Tgt Ion: 75 Resp: 229683

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 53.0 44.1 66.1





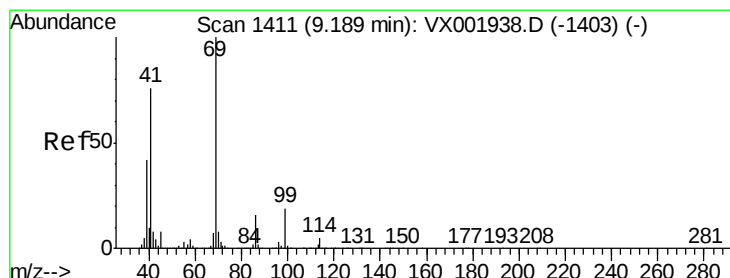
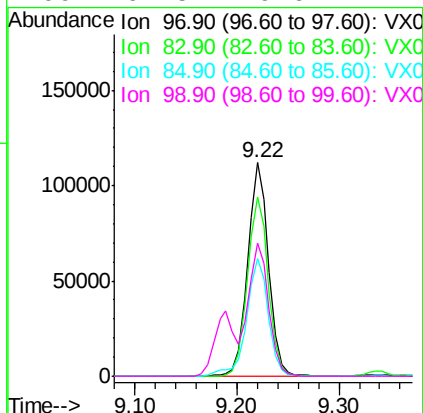
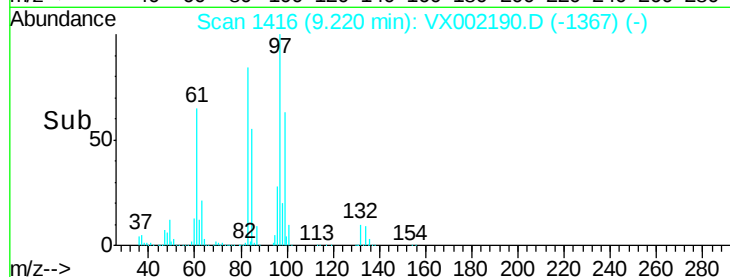
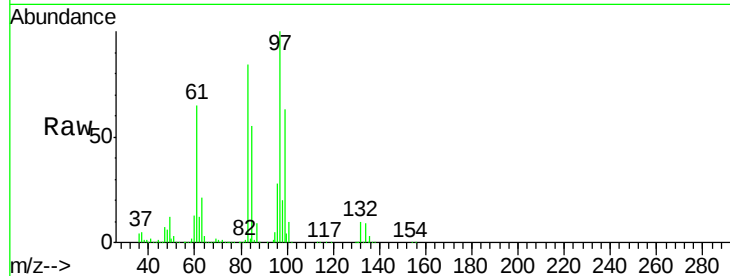
#55
 1,1,2-Trichloroethane
 Concen: 47.089 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		158987		
83	83.6	69.1	103.7		
85	55.0	45.2	67.8		
99	62.5	49.6	74.4		

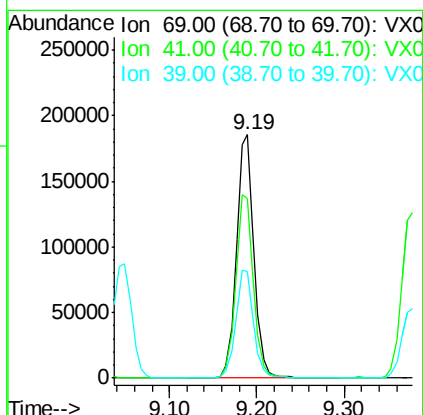
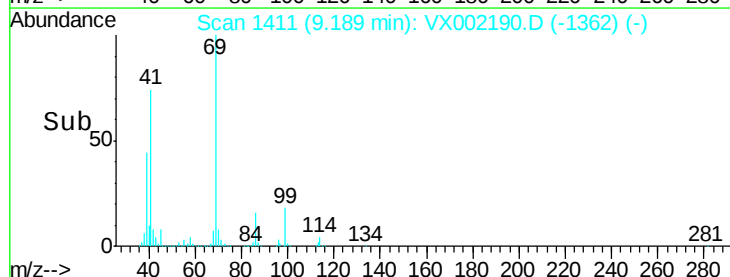
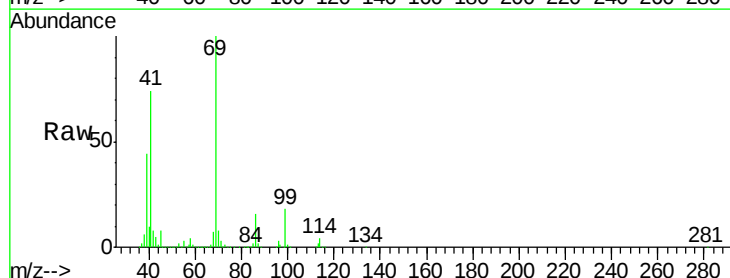
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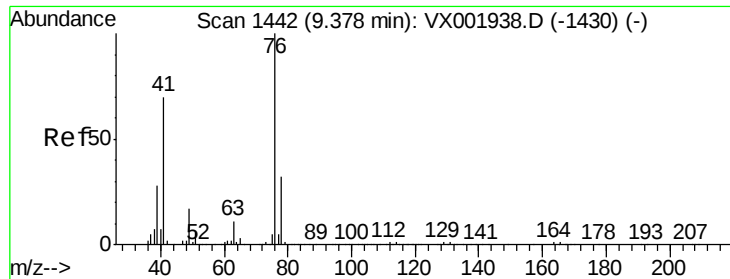
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#56
 Ethyl methacrylate
 Concen: 44.606 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		259042		
41	76.0	61.0	91.6		
39	45.3	34.4	51.6		





#57

1,3-Dichloropropane

Concen: 47.454 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 263942

Ion Ratio Lower Upper

76 100

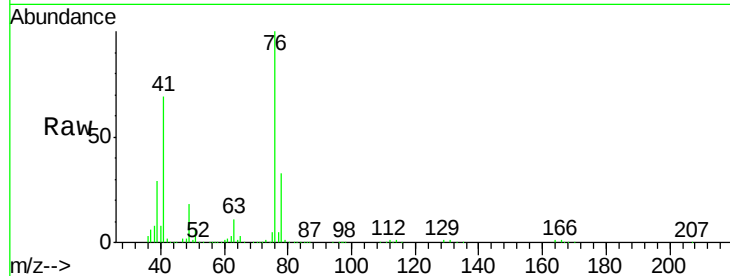
78 32.1 25.6 38.4

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

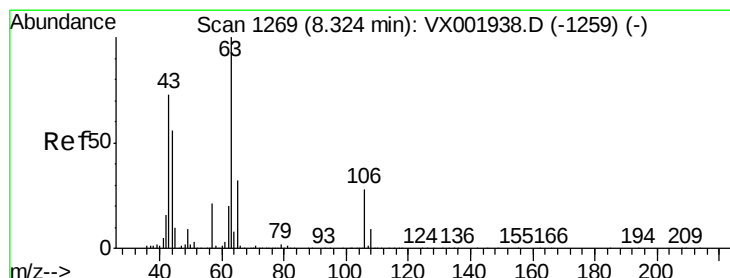
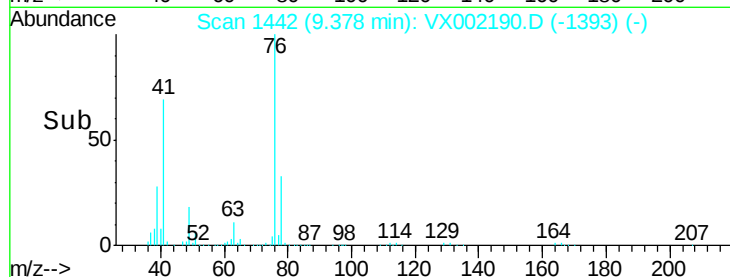
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 223.148 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002190.D

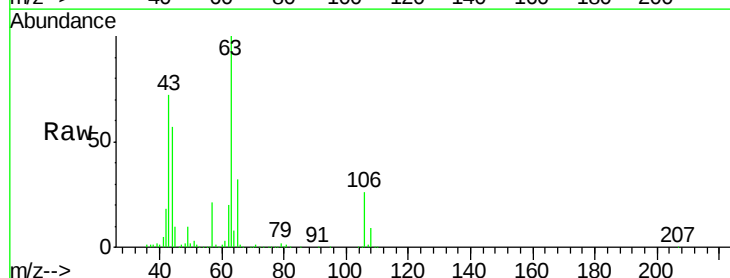
Acq: 31 May 2018 21:43

Tgt Ion: 63 Resp: 574376

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

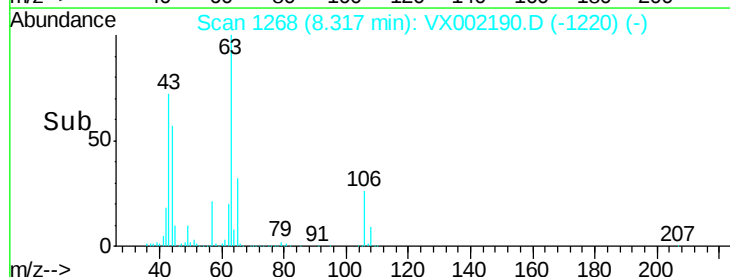
300000

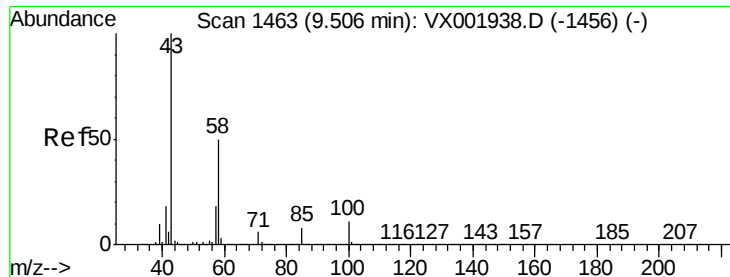
200000

100000

0

Time-->





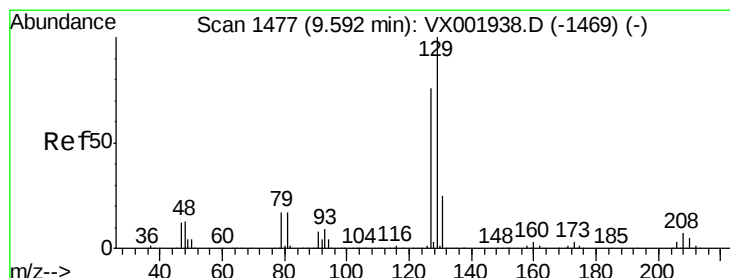
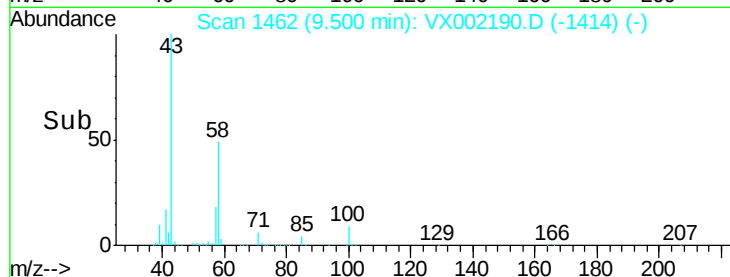
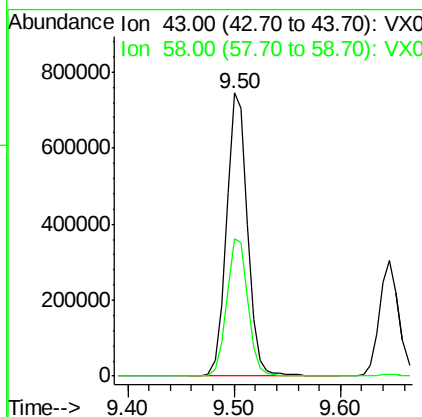
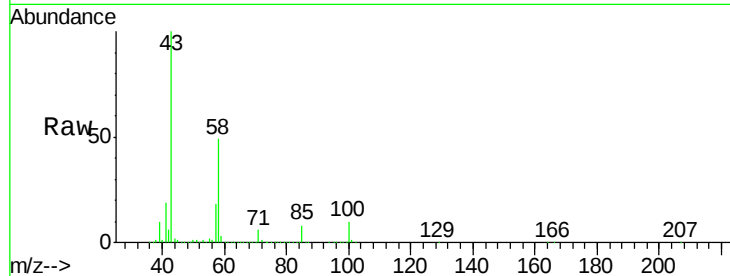
#59
2-Hexanone
Concen: 234.688 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1027184
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

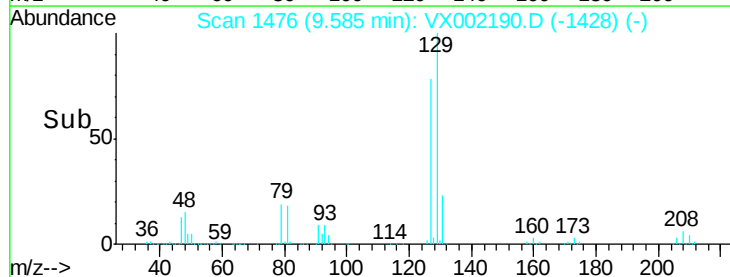
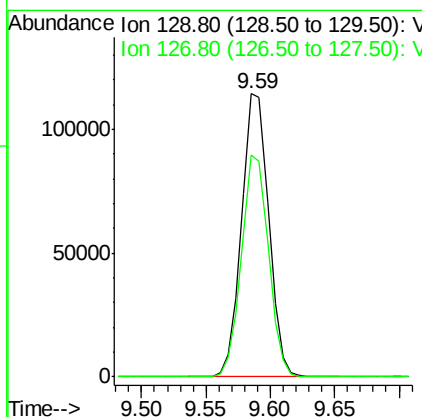
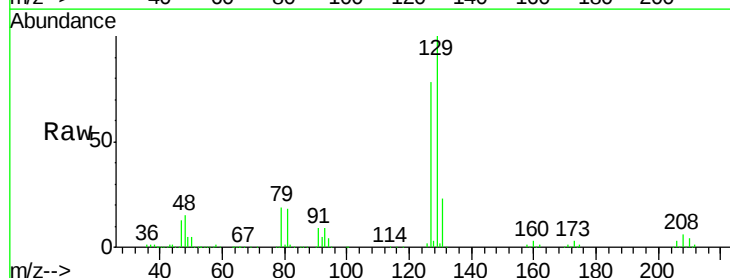
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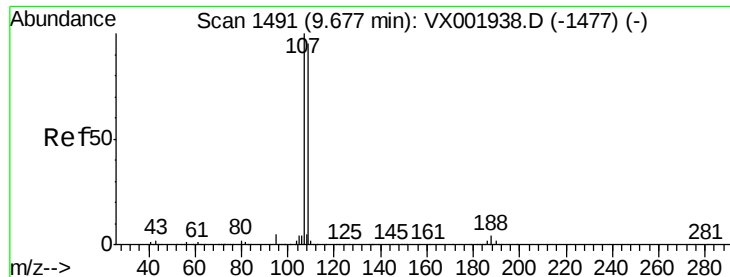
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#60
Dibromochloromethane
Concen: 41.737 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion: 129 Resp: 166909
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 47.279 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 167497

Ion Ratio Lower Upper

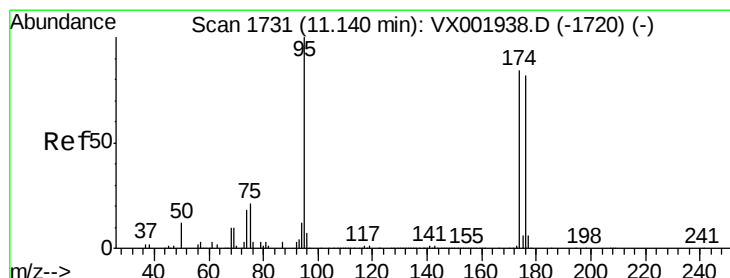
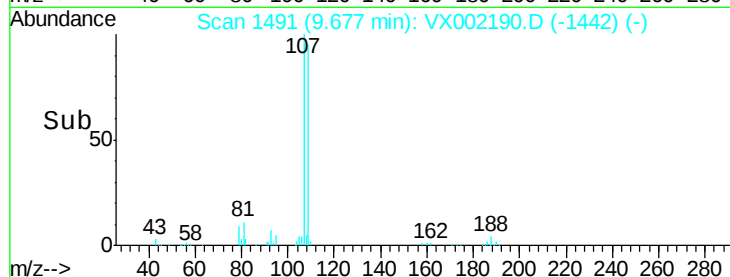
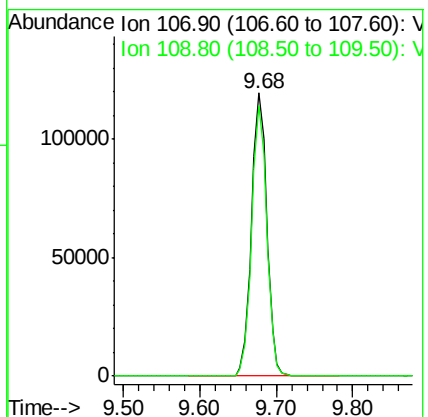
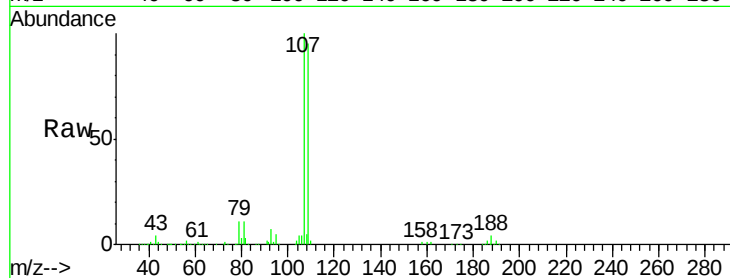
107 100

109 94.2 75.3 112.9

Manual Integrations
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6/1/2018 6:37:12 PM



#62

4-Bromofluorobenzene

Concen: 43.674 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

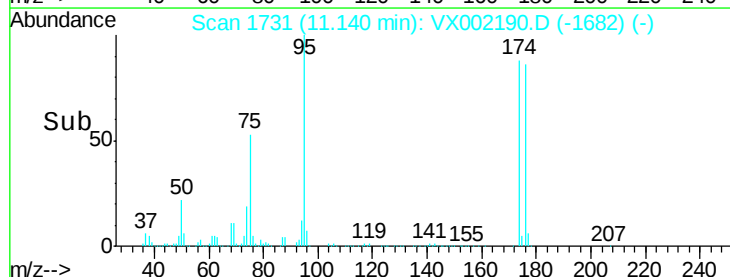
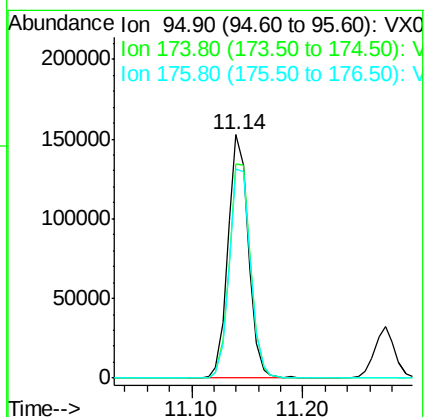
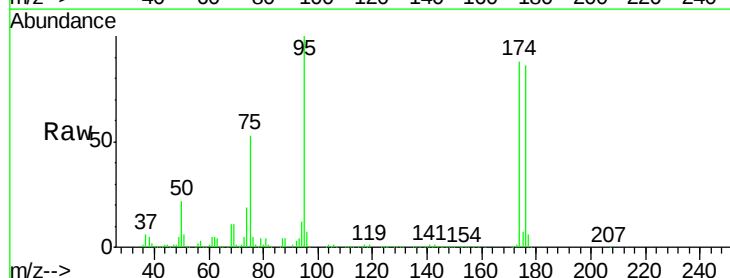
Tgt Ion: 95 Resp: 192794

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.8

176 89.8 0.0 175.6





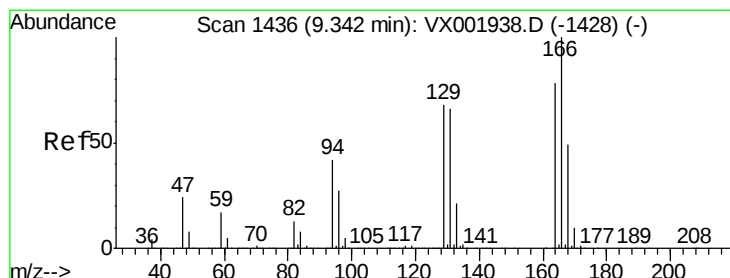
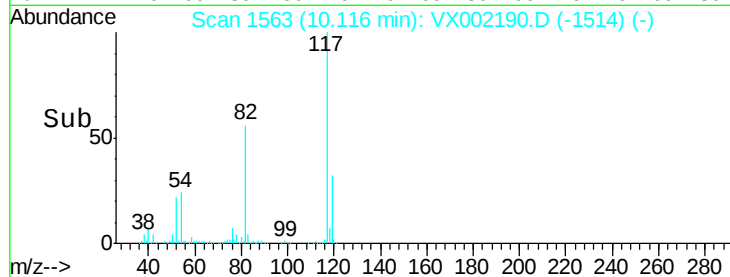
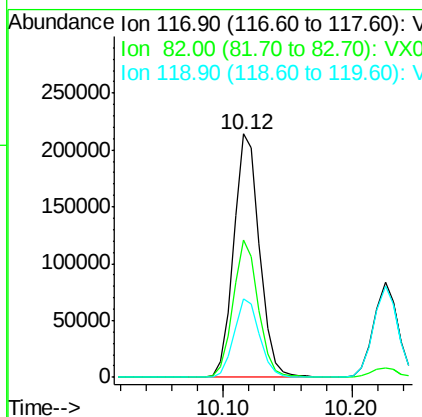
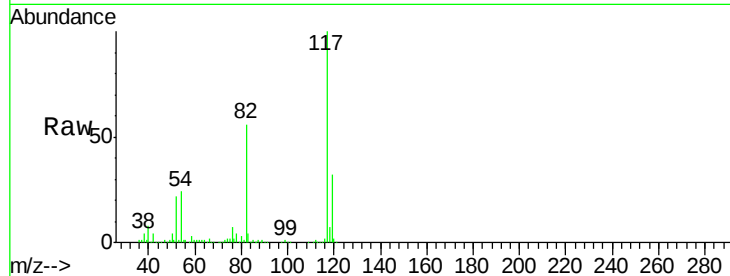
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.4	44.8	67.2
119	32.1	25.5	38.3

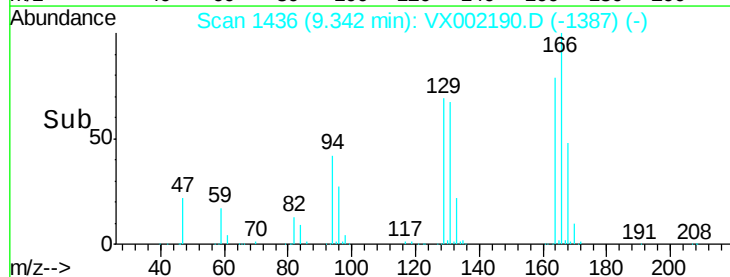
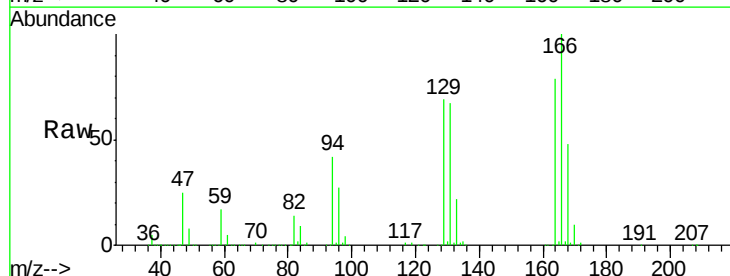
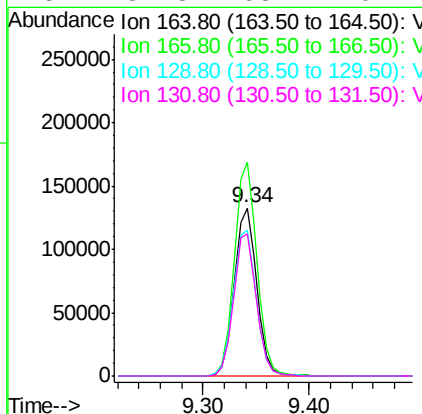
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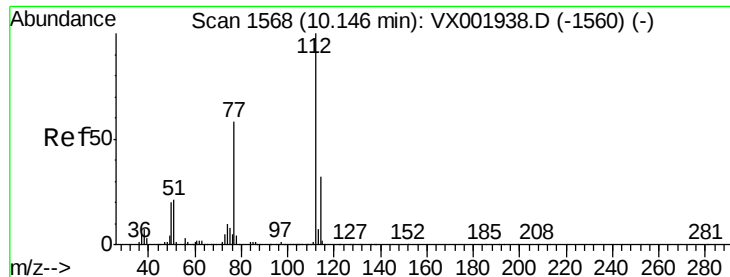
MMDadoda
6/1/2018 6:37:12 PM



#64
Tetrachloroethene
Concen: 45.931 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.2	102.7	154.1
129	87.1	70.3	105.5
131	84.8	68.2	102.4





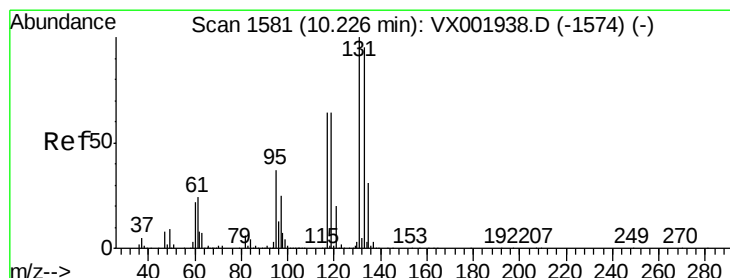
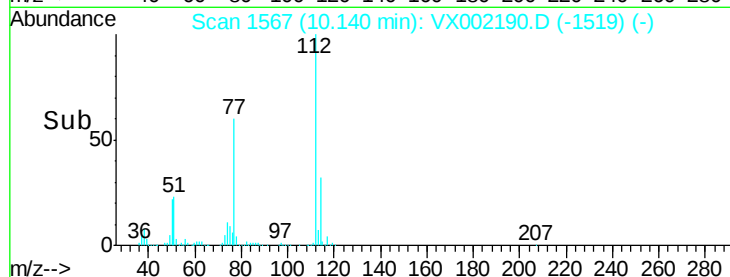
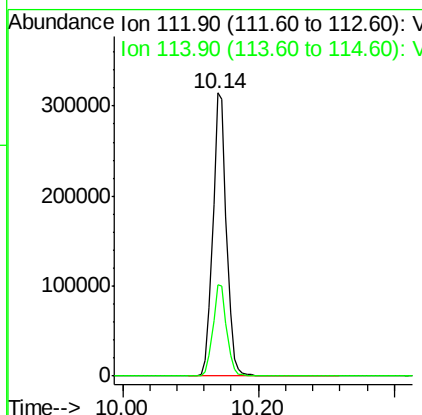
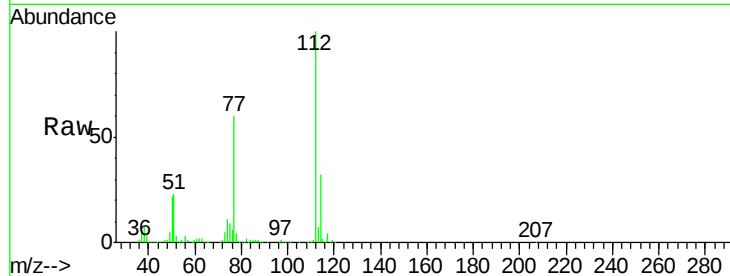
#65
Chlorobenzene
Concen: 46.303 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.9	38.9

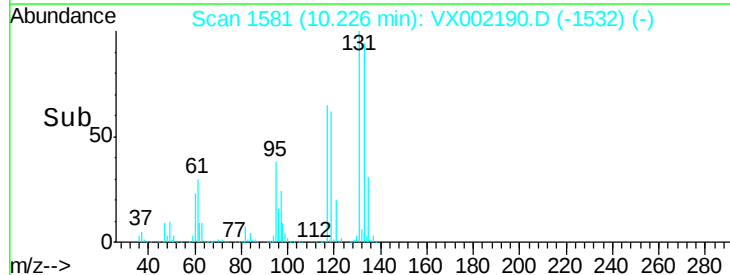
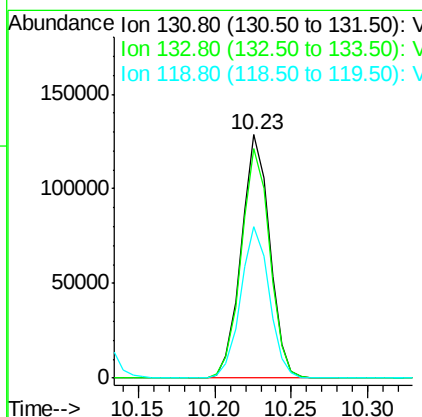
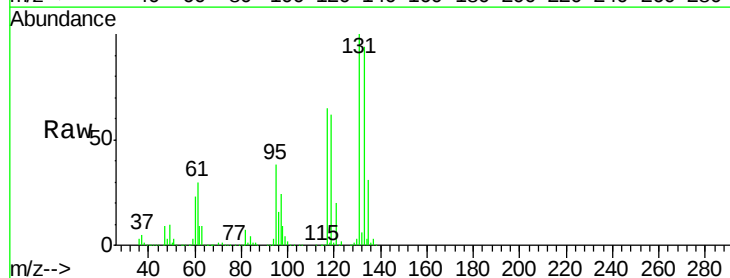
Manual Integrations
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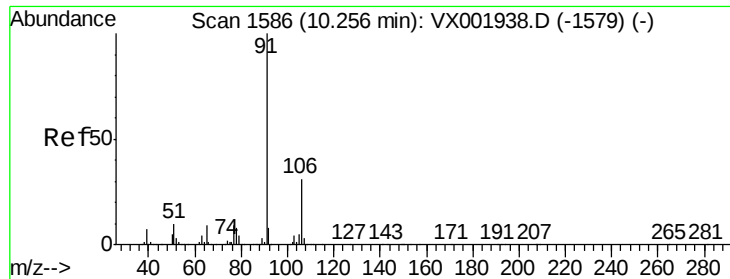
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 43.298 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.0	144.0
119	62.9	31.9	95.5





#67

Ethyl Benzene

Concen: 47.007 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 773992

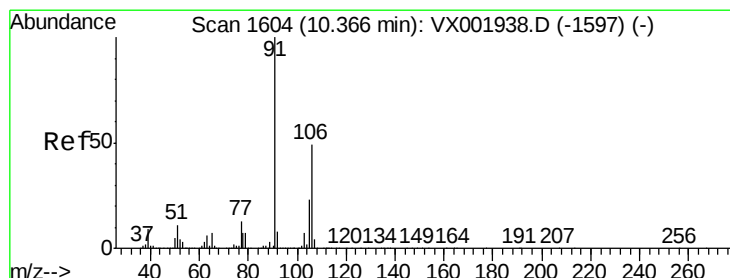
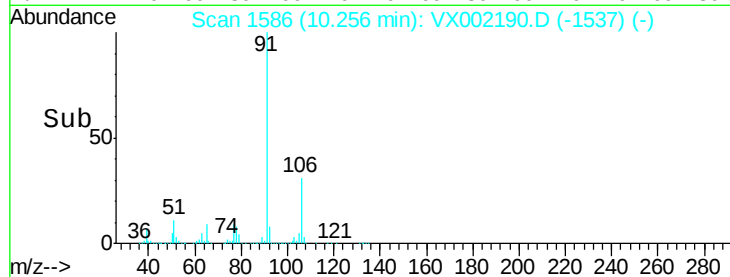
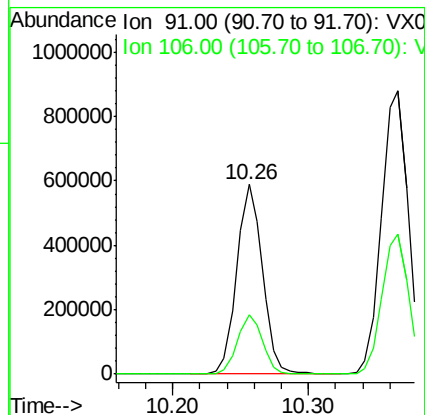
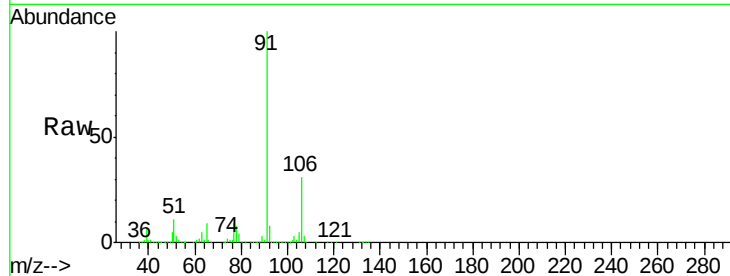
Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 95.019 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002190.D

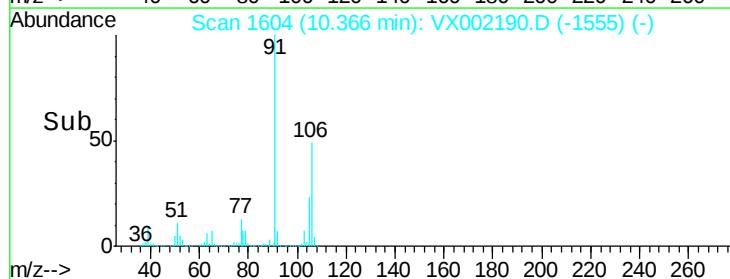
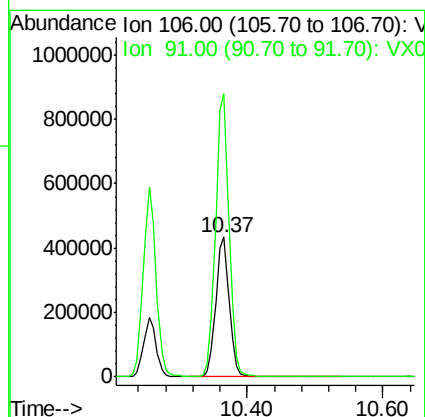
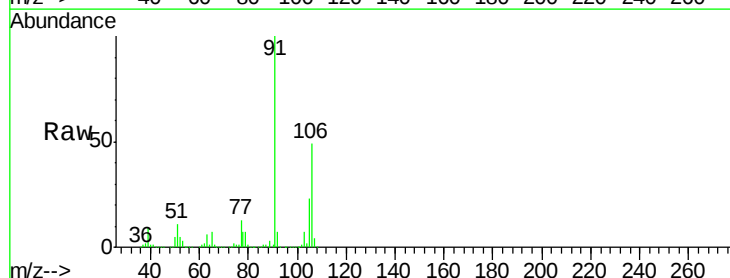
Acq: 31 May 2018 21:43

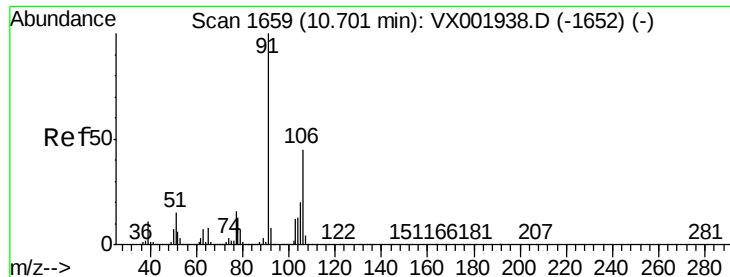
Tgt Ion: 106 Resp: 598059

Ion Ratio Lower Upper

106 100

91 203.5 165.0 247.6





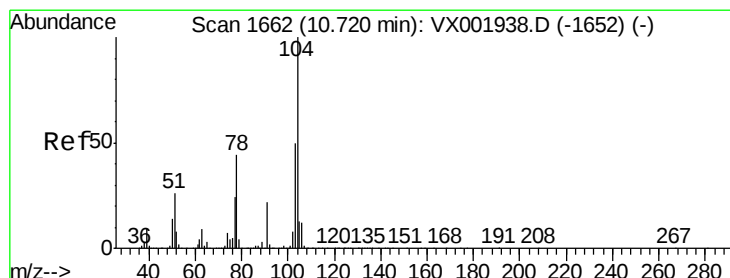
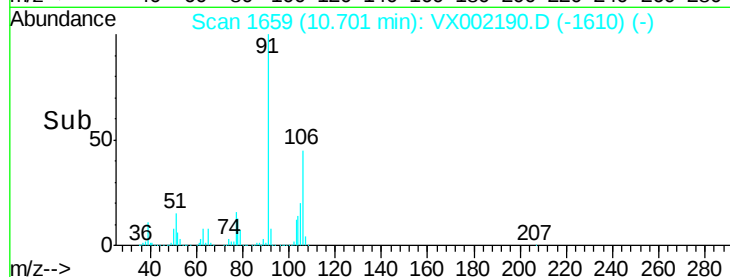
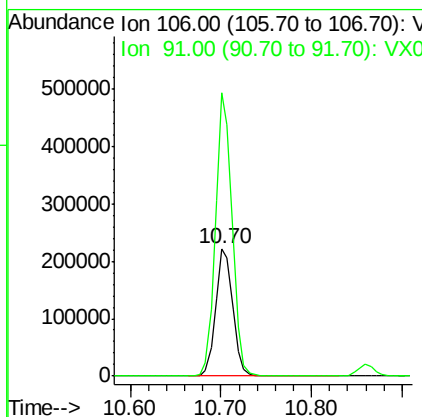
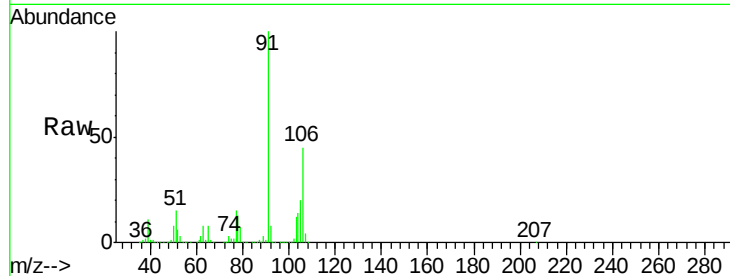
#69
o-Xylene
Concen: 46.629 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
293042	106	100		
	91	217.6	108.7	325.9

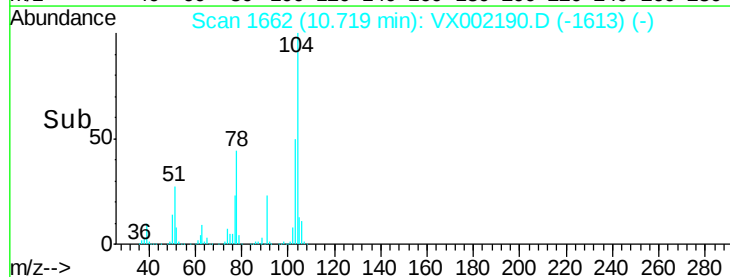
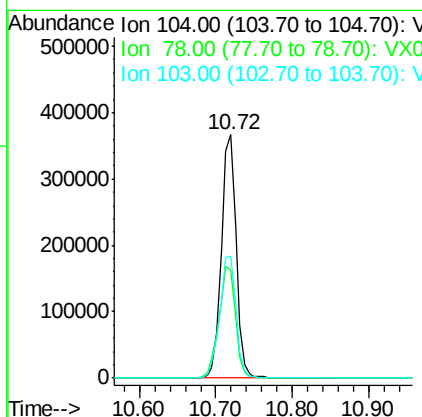
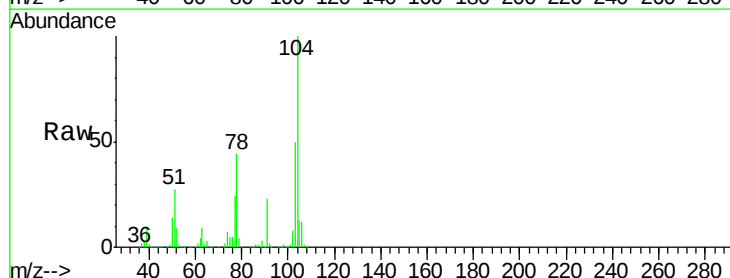
Manual Integrations
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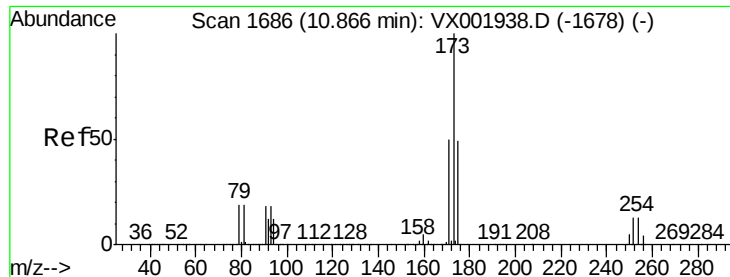
MMDadoda
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#70
Styrene
Concen: 46.992 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ion	Ratio	Lower	Upper
489767	104	100		
	78	52.0	41.8	62.6
	103	55.6	44.6	67.0





#71

Bromoform

Concen: 36.095 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 130975

Ion Ratio Lower Upper

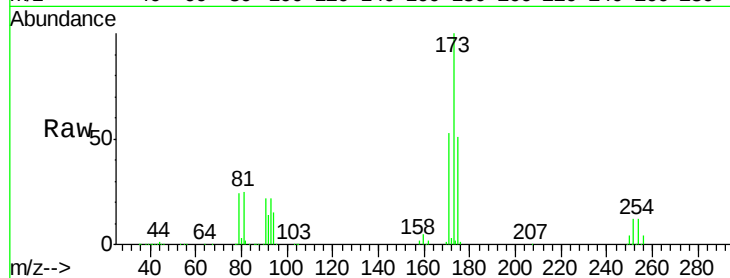
173 100

175 49.4 24.3 72.9

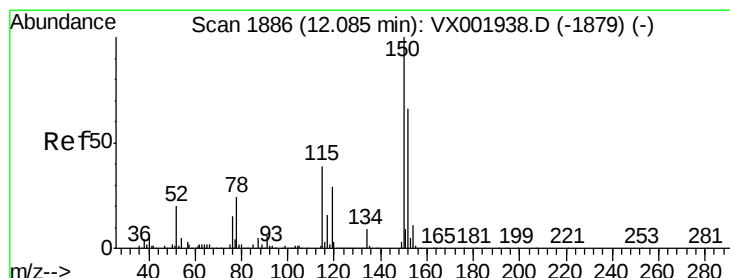
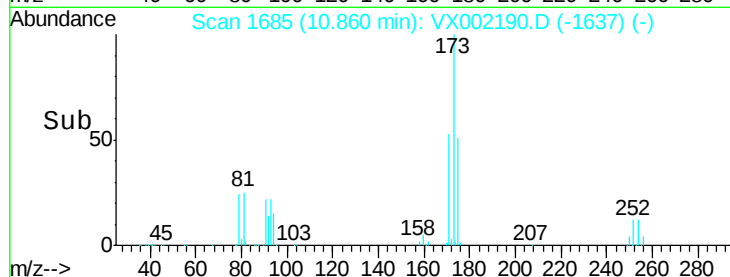
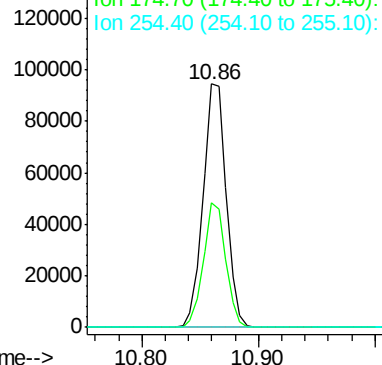
254 0.2 0.1 0.1#

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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: VX002190.D

Acq: 31 May 2018 21:43

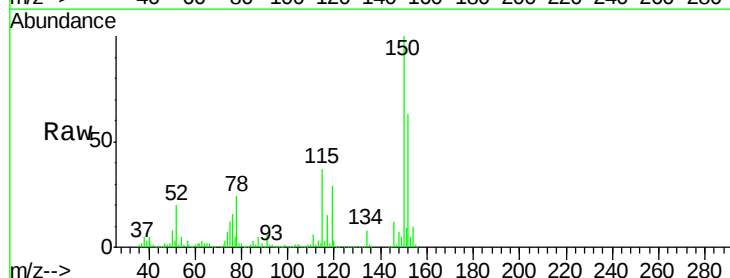
Tgt Ion:152 Resp: 203988

Ion Ratio Lower Upper

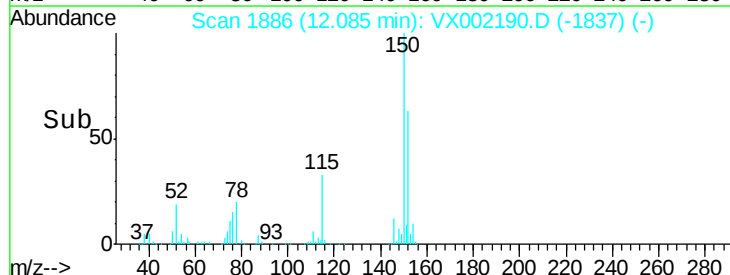
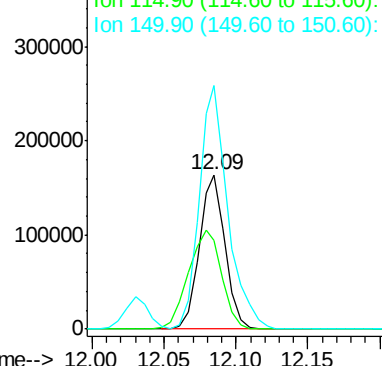
152 100

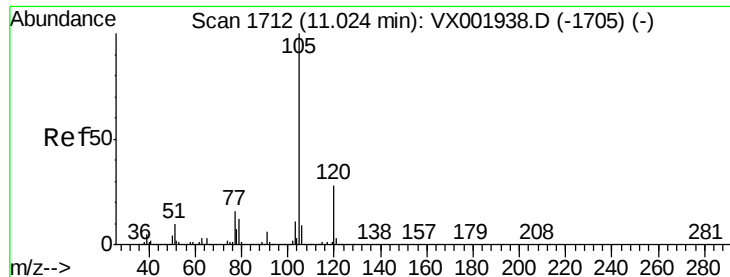
115 82.7 42.3 126.8

150 176.0 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: 46.092 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 796188

Ion Ratio Lower Upper

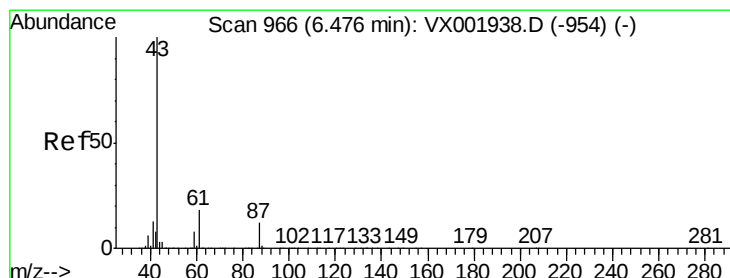
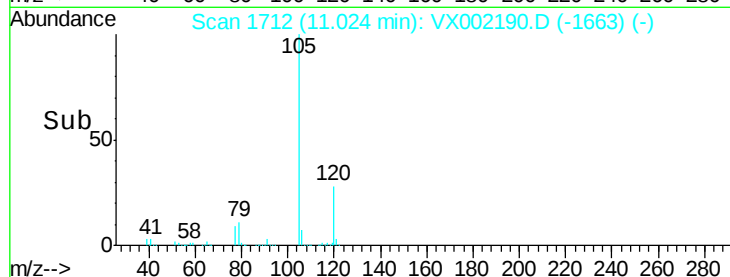
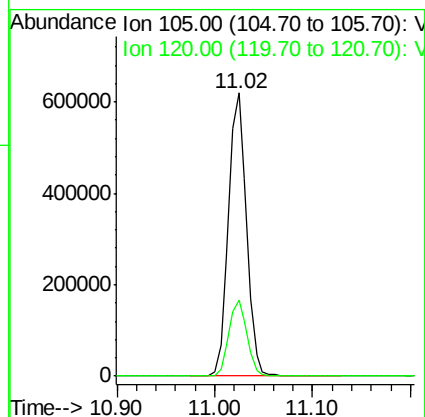
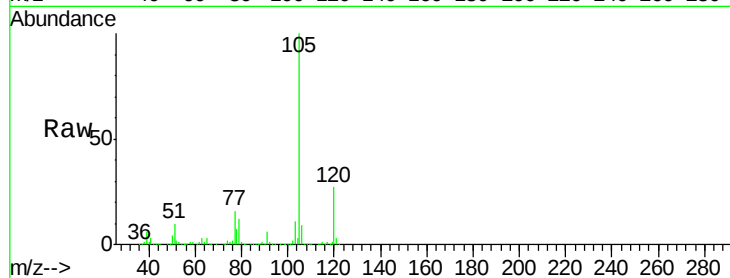
105 100

120 26.8 13.6 40.7

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#74

N-ethyl acetate

Concen: 46.158 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion: 43 Resp: 415798

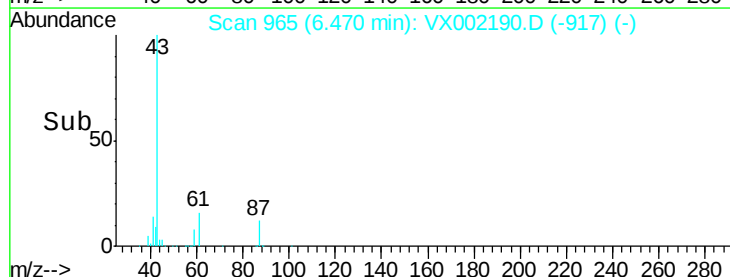
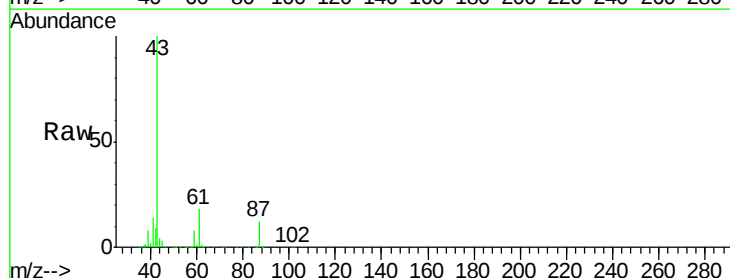
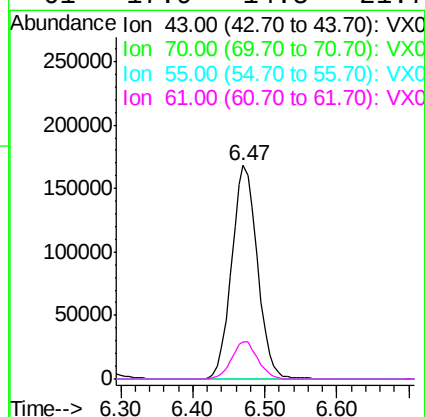
Ion Ratio Lower Upper

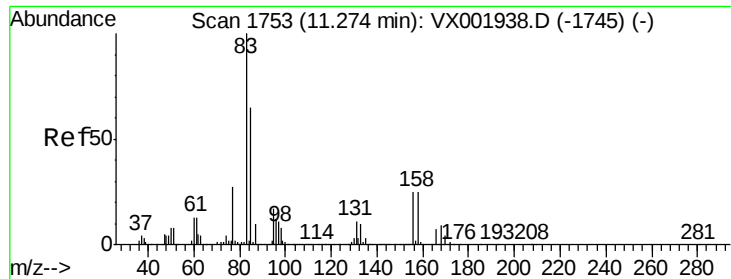
43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 17.9 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.015 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

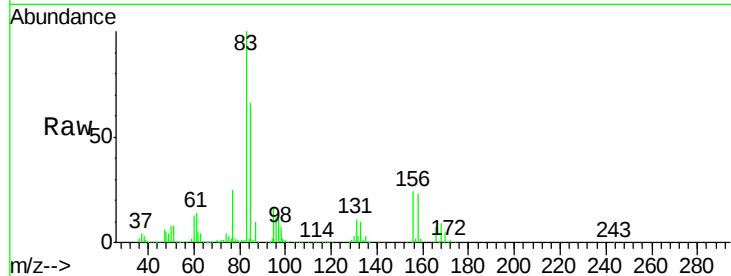
ClientSampleId :

VSTDCCC050EC

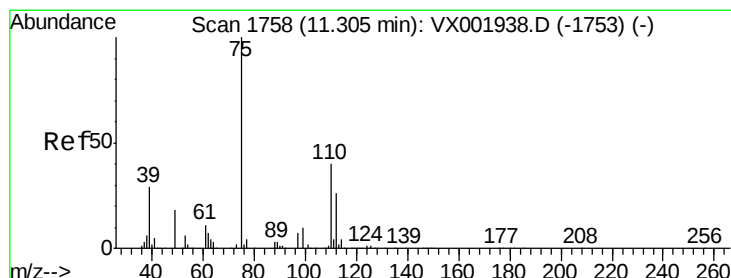
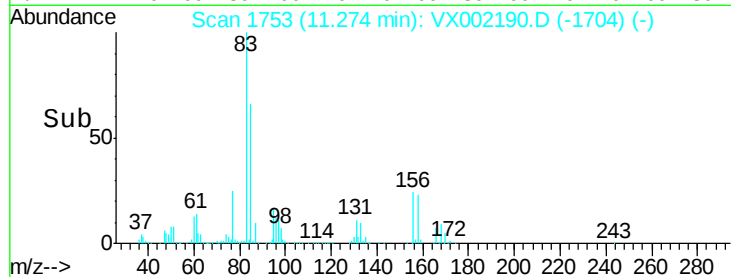
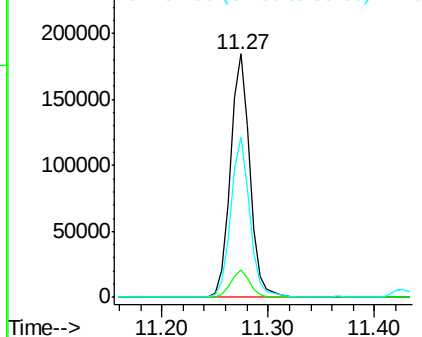
Tot Ion:	83	Resp:	236288
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.0
85	64.5	32.6	97.7

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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: 49.885 ug/l m

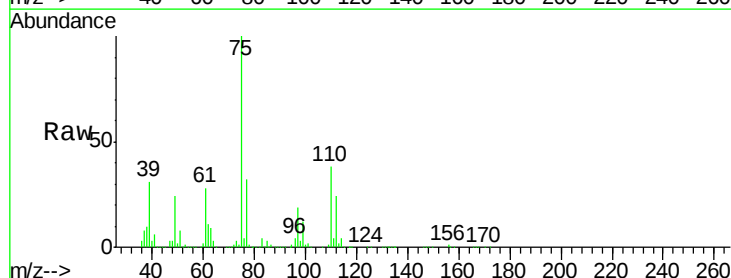
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

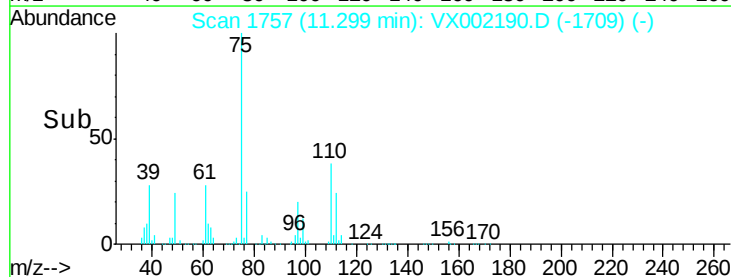
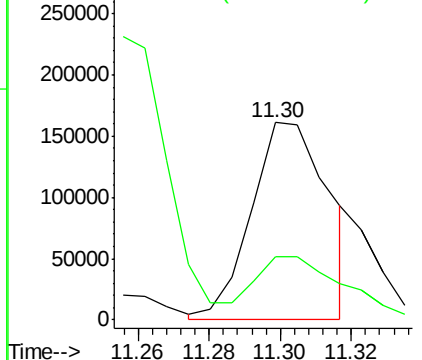
Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion:	75	Resp:	244419
Ion Ratio	Lower	Upper	
75	100		
77	36.7	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: 46.254 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 211985

Ion Ratio Lower Upper

156 100

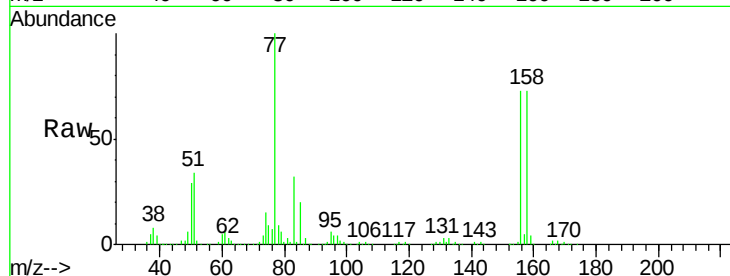
77 144.6 75.2 225.6

158 97.9 48.6 145.8

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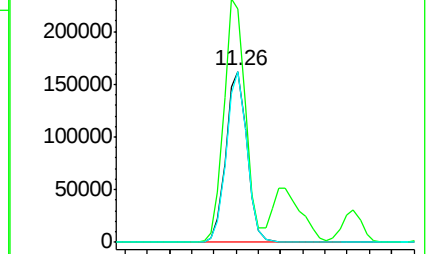
6/1/2018 6:37:12 PM



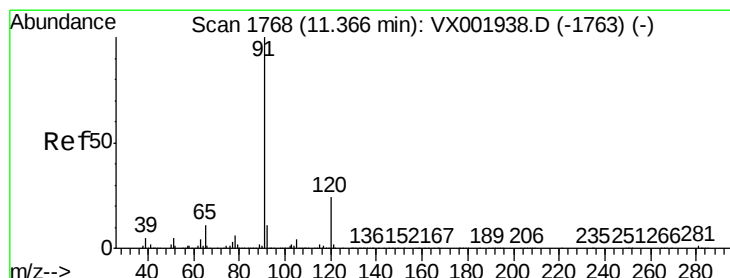
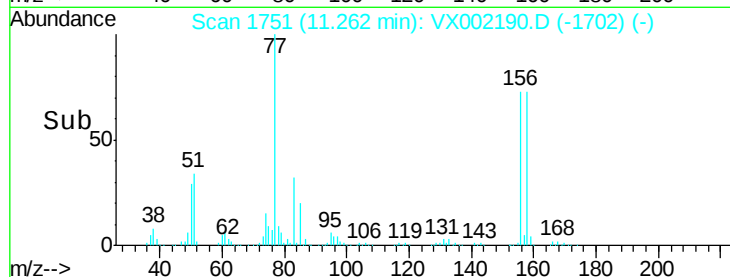
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 46.831 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002190.D

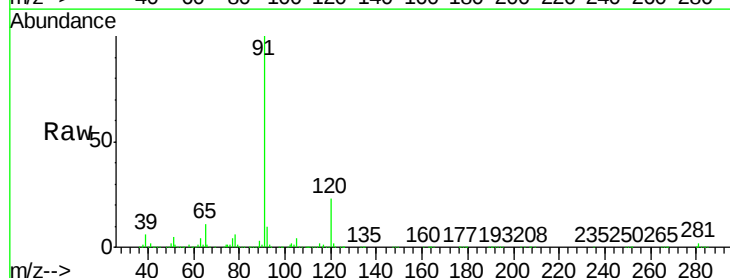
Acq: 31 May 2018 21:43

Tgt Ion: 91 Resp: 906029

Ion Ratio Lower Upper

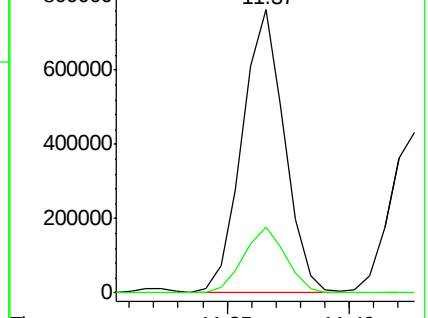
91 100

120 23.5 11.9 35.7

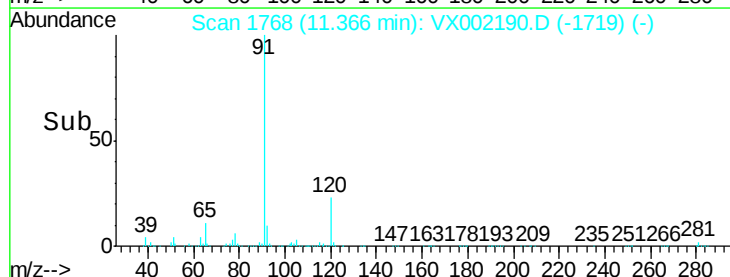


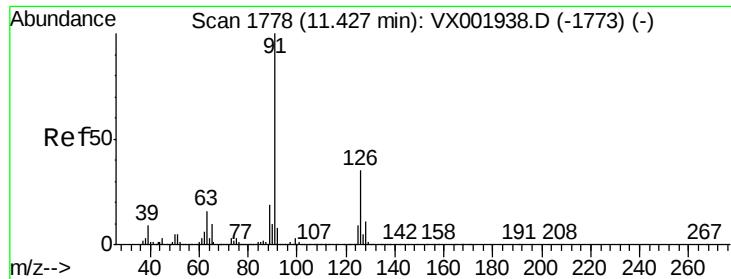
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 50.860 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 539355

Ion Ratio Lower Upper

91 100

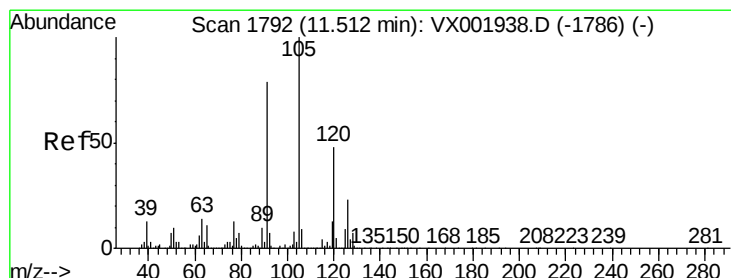
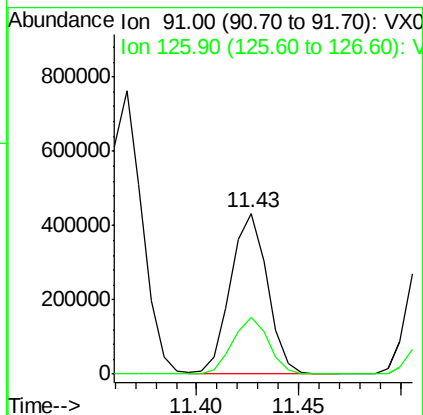
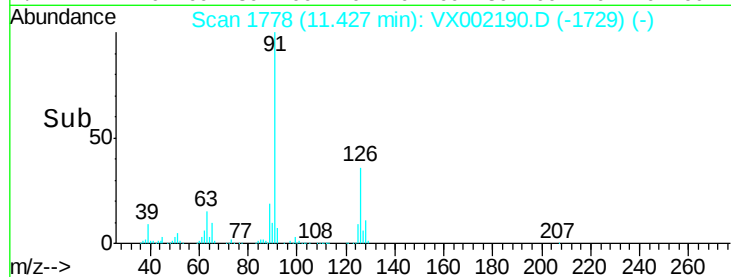
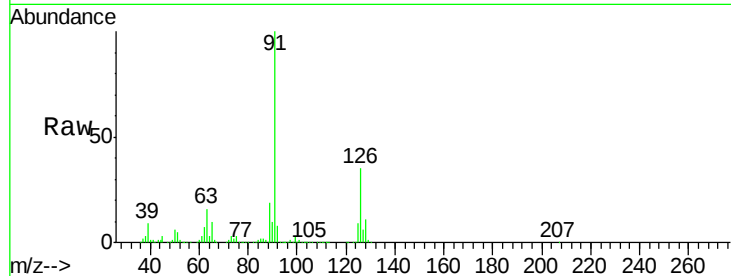
126 35.0 17.4 52.2

Manual Integrations

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6/1/2018 6:37:12 PM



#80

1,3,5-Trimethylbenzene

Concen: 46.120 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002190.D

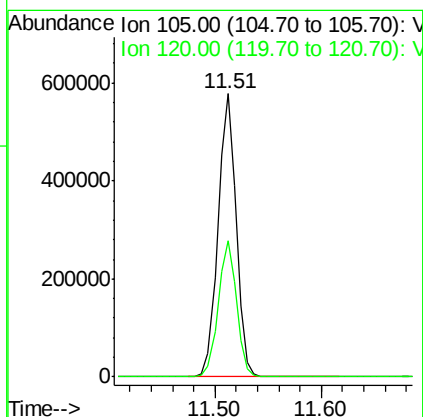
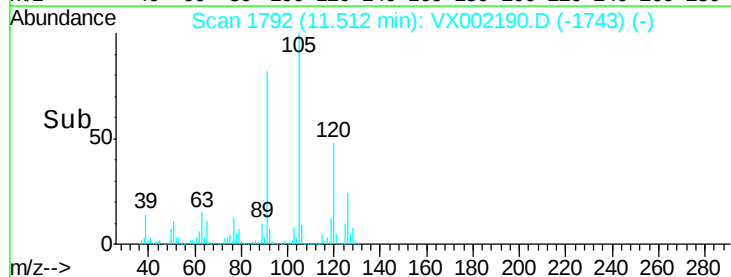
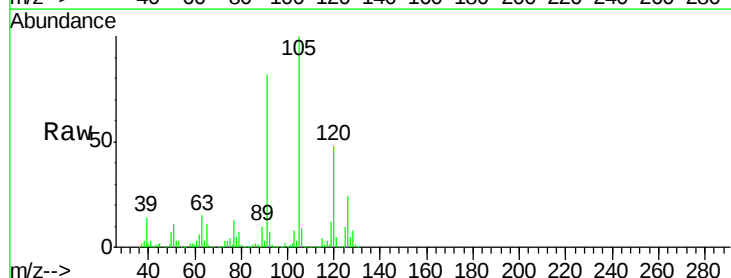
Acq: 31 May 2018 21:43

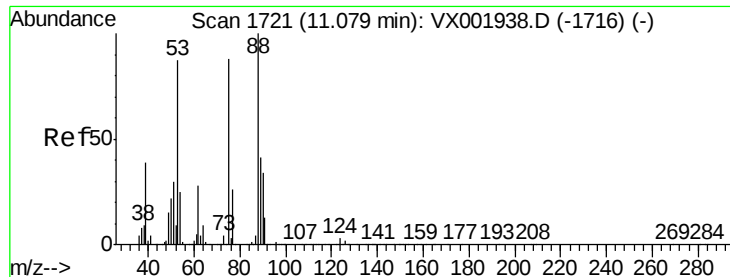
Tgt Ion: 105 Resp: 680826

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4





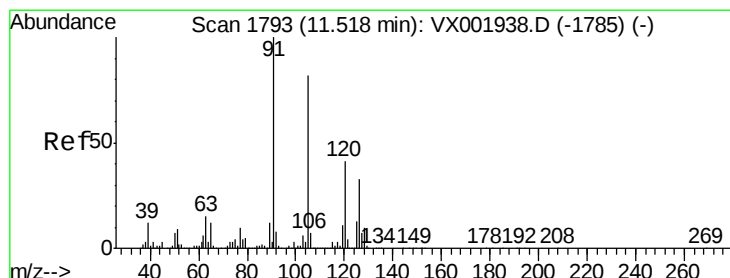
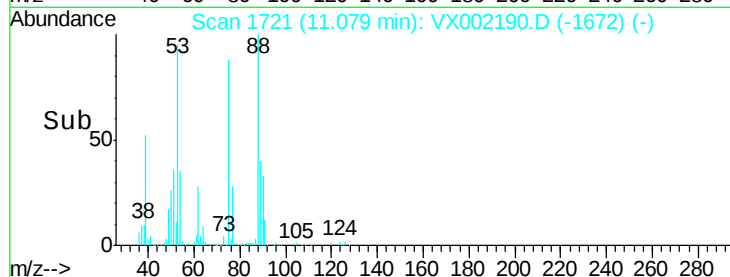
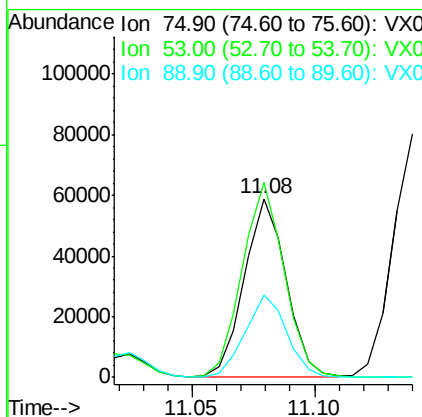
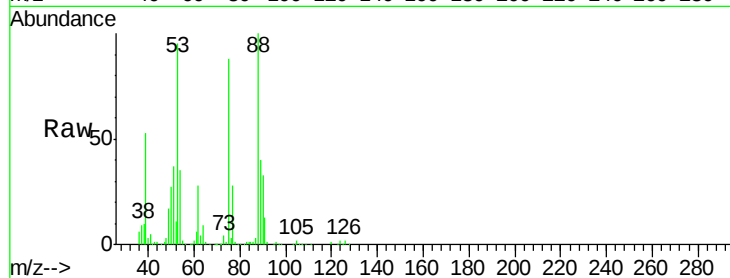
#81
trans-1,4-Dichloro-2-butene
Concen: 33.989 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.1	78.0	117.0
89	46.1	39.4	59.2

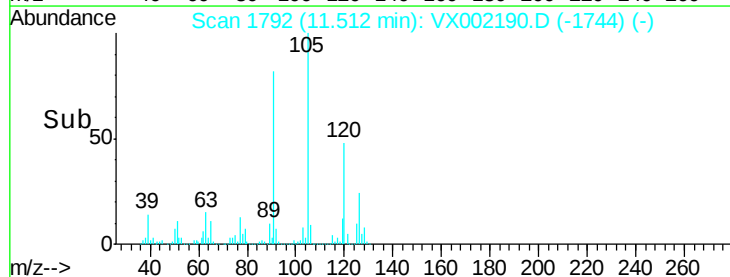
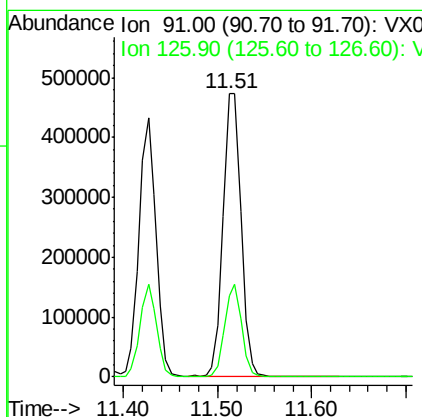
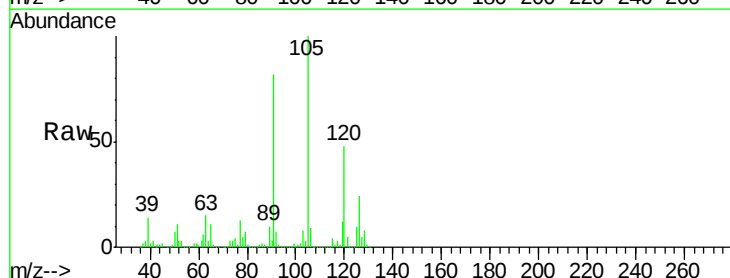
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#82
4-Chlorotoluene
Concen: 46.309 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.8





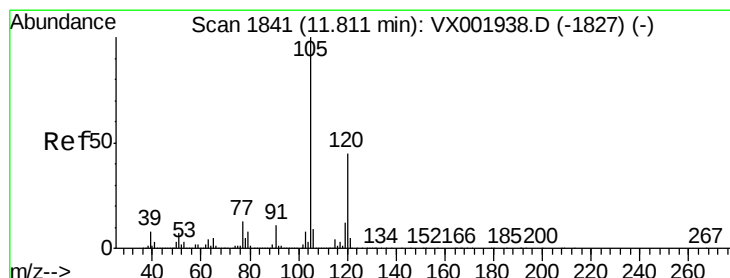
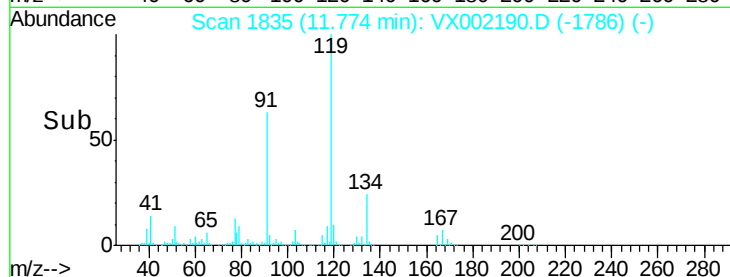
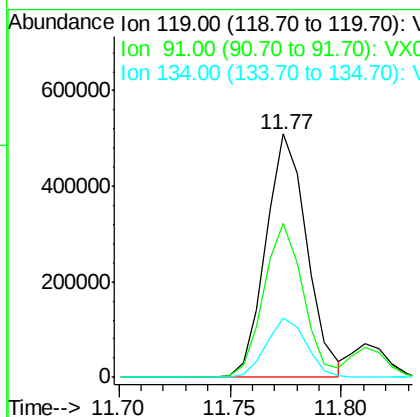
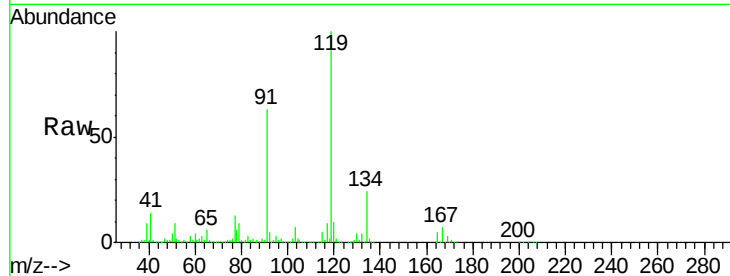
#83
 tert-Butylbenzene
 Concen: 45.194 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	654690		
91	61.0	30.6	91.8	
134	23.9	11.7	35.0	

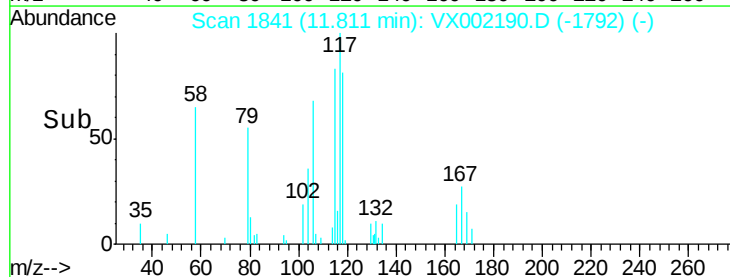
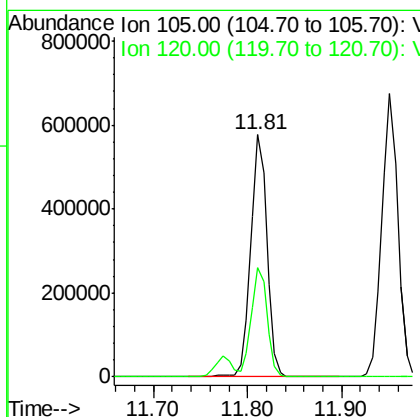
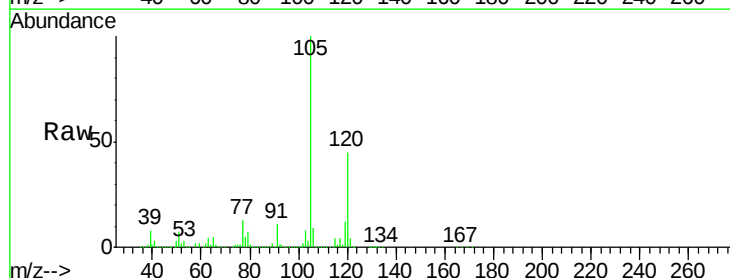
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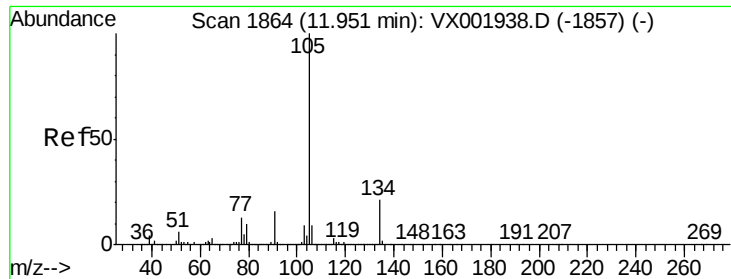
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.925 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	700593		
120	44.2	22.1	66.5	





#85

sec-Butylbenzene

Concen: 46.313 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 806487

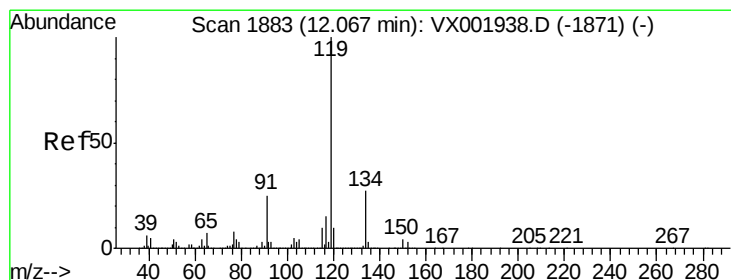
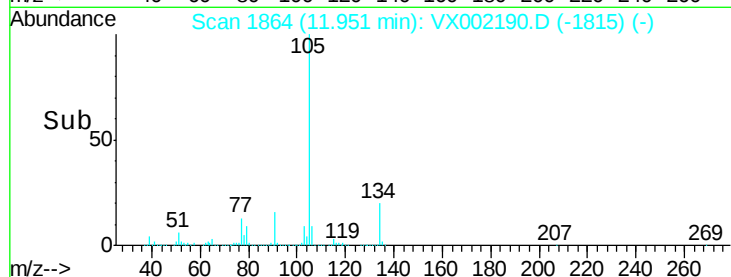
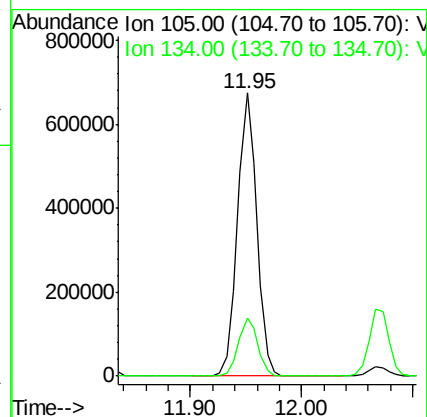
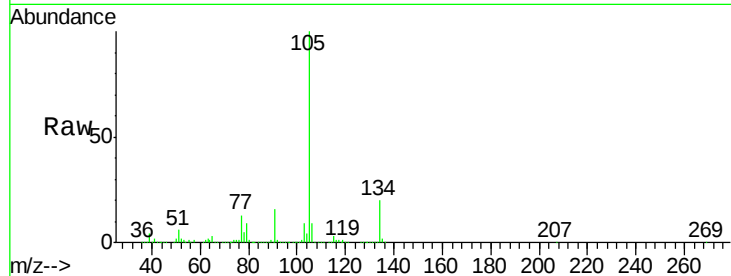
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 47.029 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

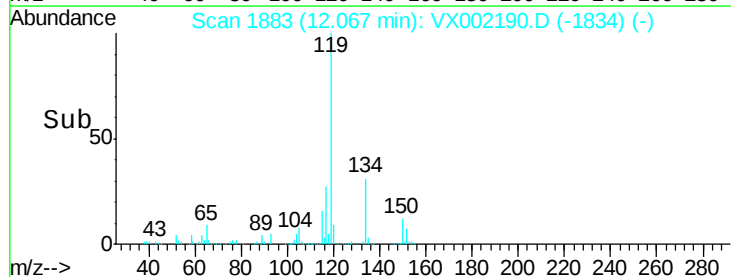
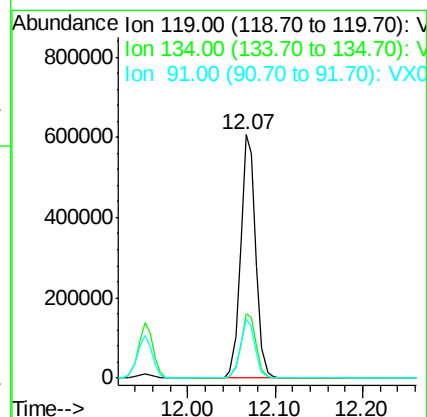
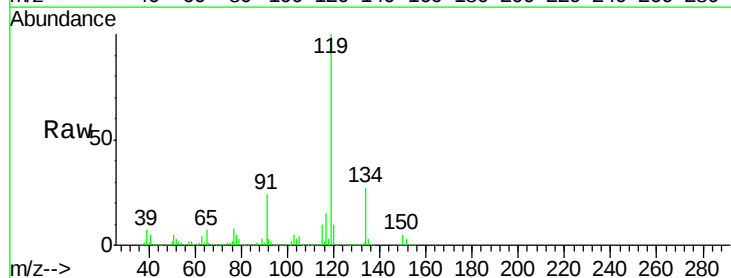
Tgt Ion:119 Resp: 732817

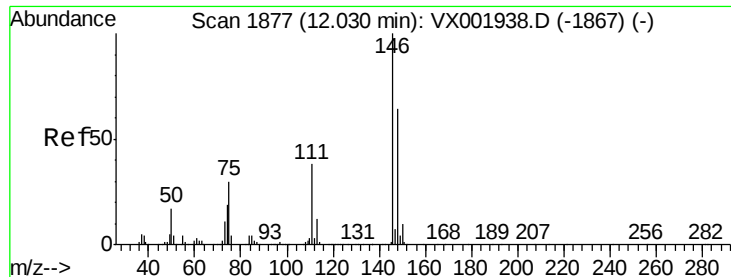
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

91 23.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 46.415 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

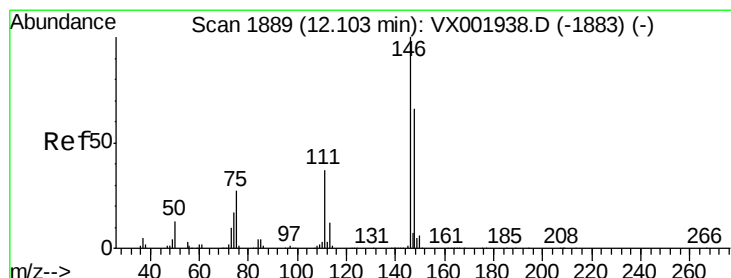
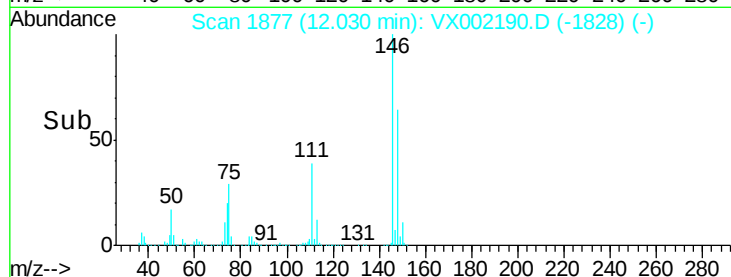
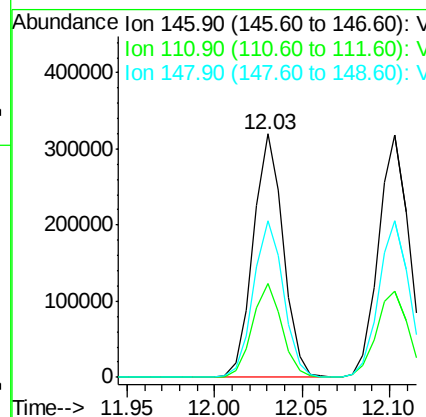
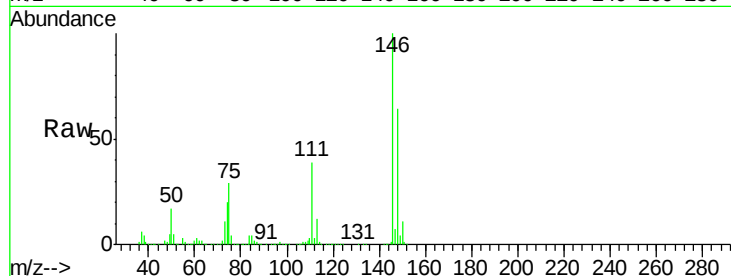
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	380957
Ion Ratio		Lower	Upper
146	100		
111	38.0	19.3	57.8
148	64.5	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 46.928 ug/l

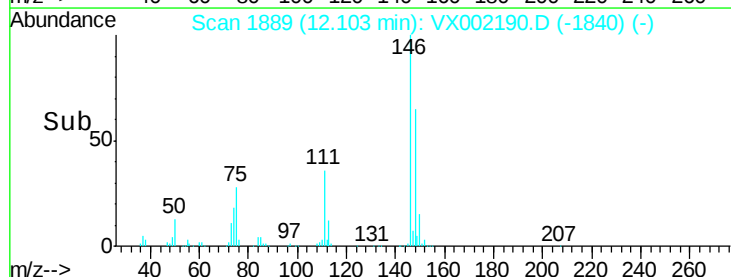
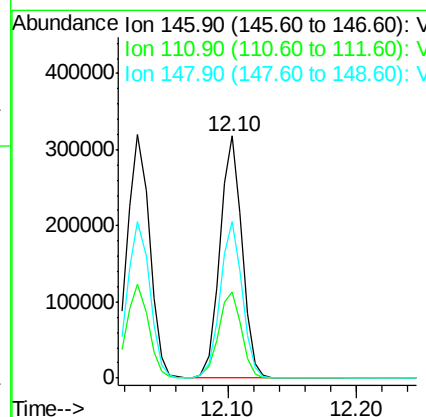
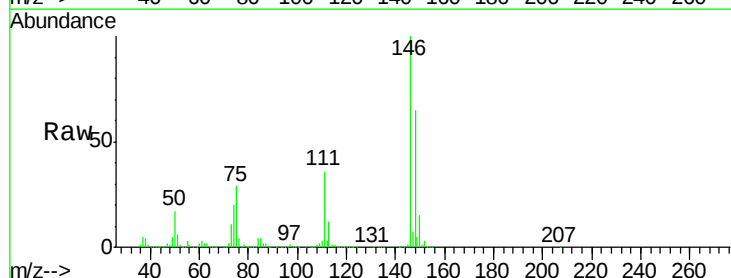
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion:	146	Resp:	385076
Ion Ratio		Lower	Upper
146	100		
111	37.2	18.9	56.5
148	64.6	32.3	96.8





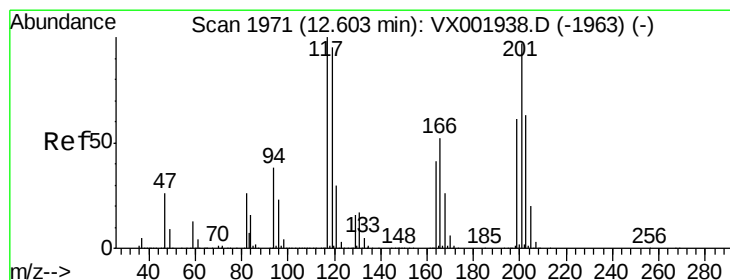
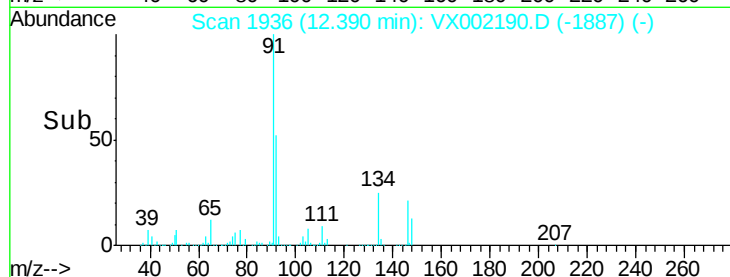
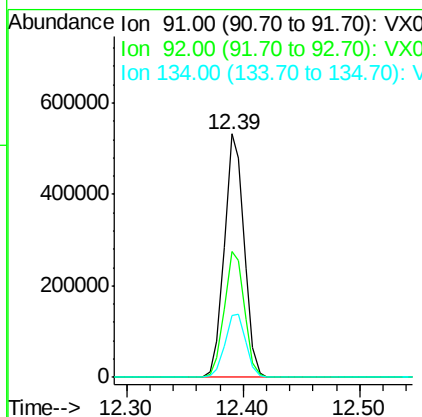
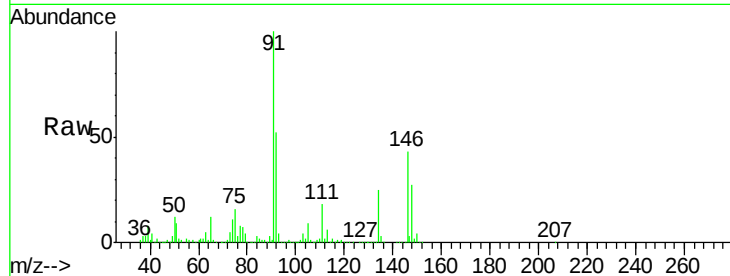
#89
n-Butylbenzene
Concen: 47.321 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	27.2	13.6	40.7

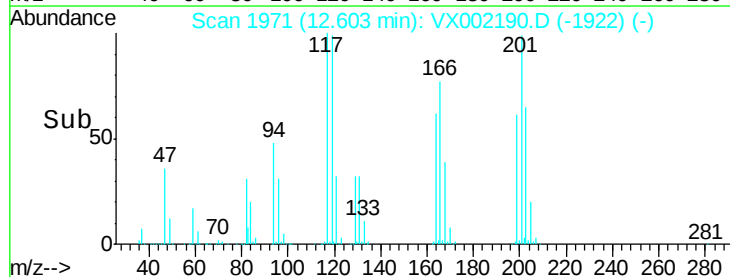
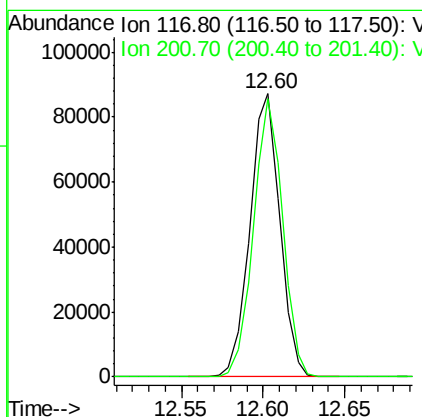
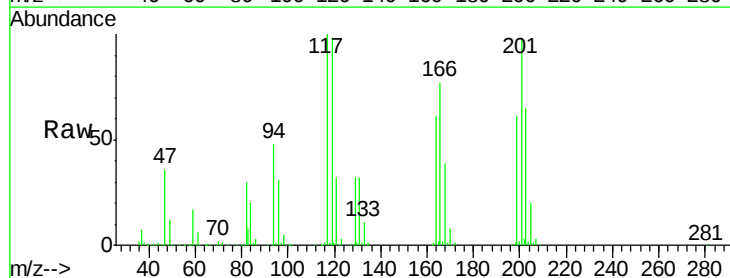
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#90
Hexachloroethane
Concen: 36.387 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002190.D
Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.7	48.0	144.0





#91

1,2-Dichlorobenzene

Concen: 46.687 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

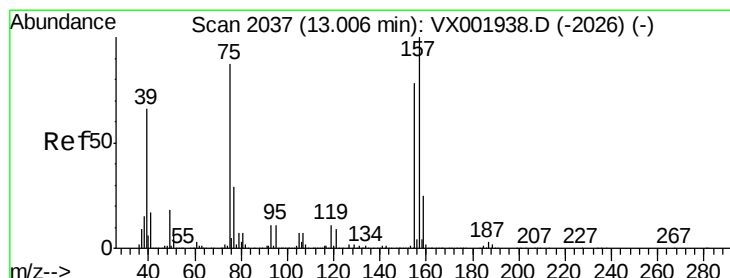
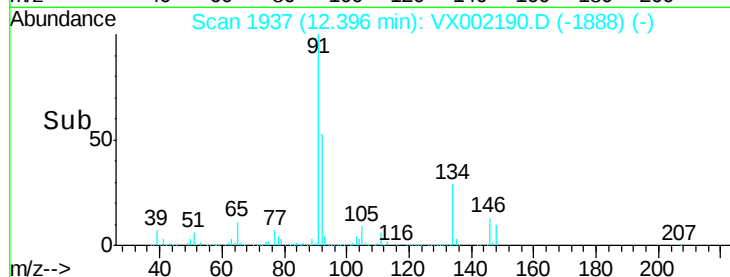
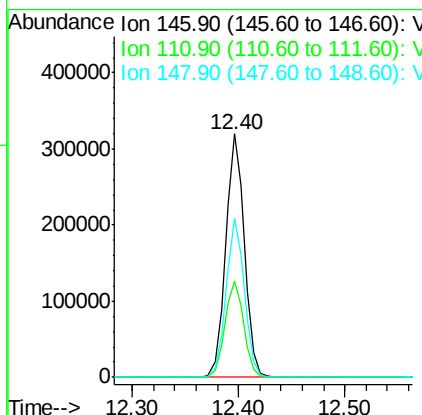
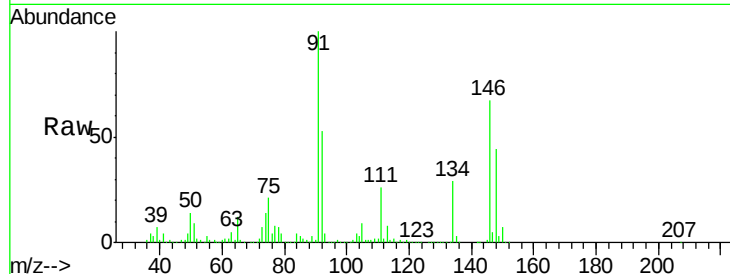
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	390425
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.8	59.3
148	64.4	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 37.265 ug/l

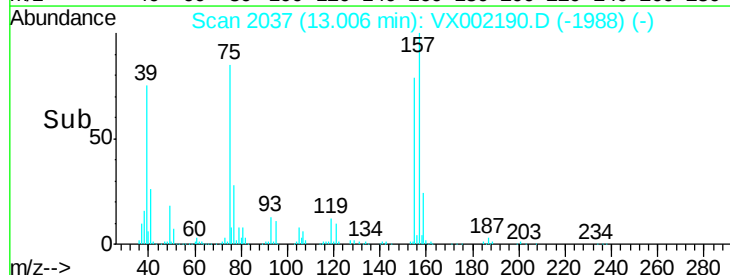
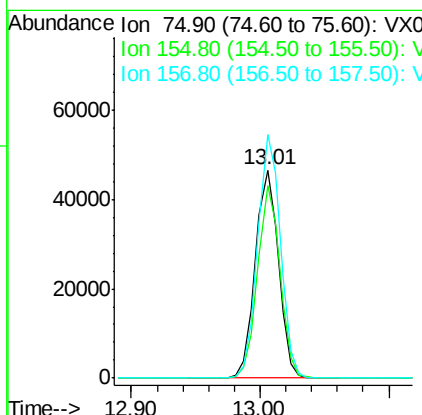
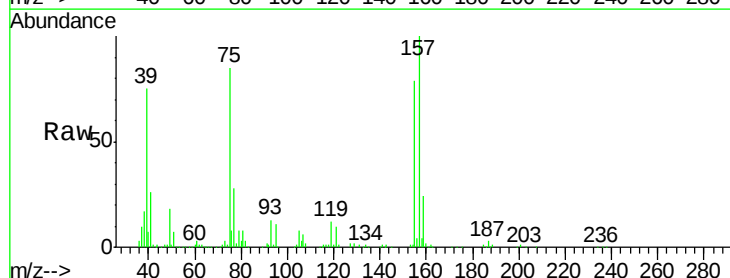
RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion:	75	Resp:	57231
Ion Ratio	Lower	Upper	
75	100		
155	89.8	45.1	135.2
157	115.4	58.1	174.2





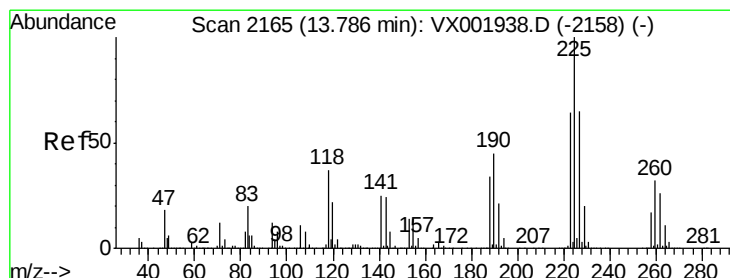
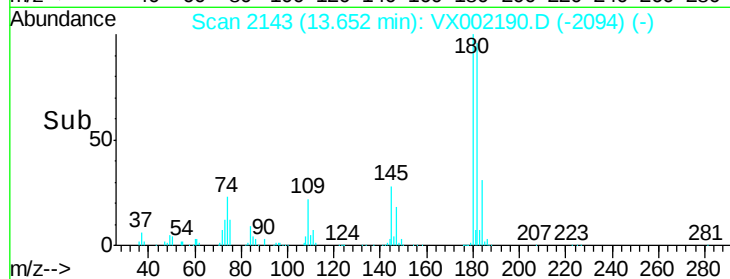
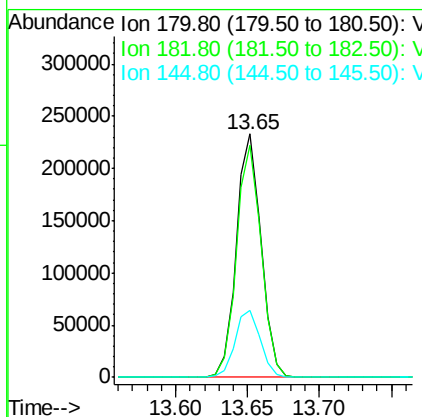
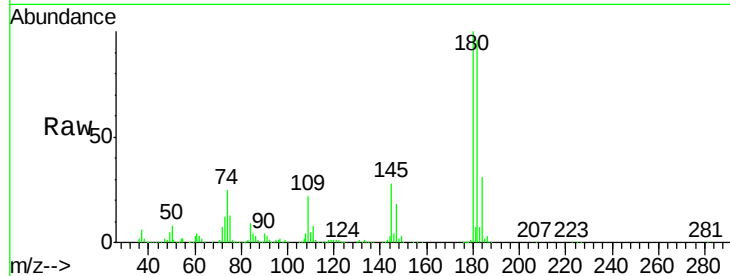
#93
 1,2,4-Trichlorobenzene
 Concen: 46.472 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	277898		
182	95.7	47.7	143.1	
145	28.5	14.4	43.0	

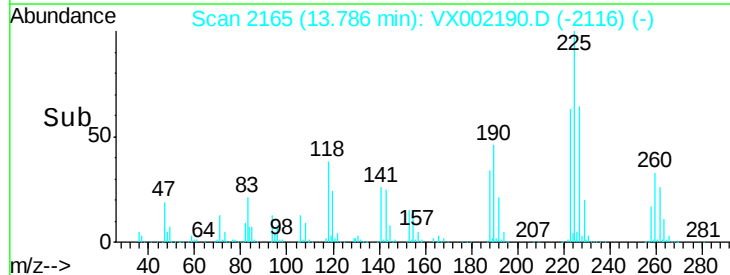
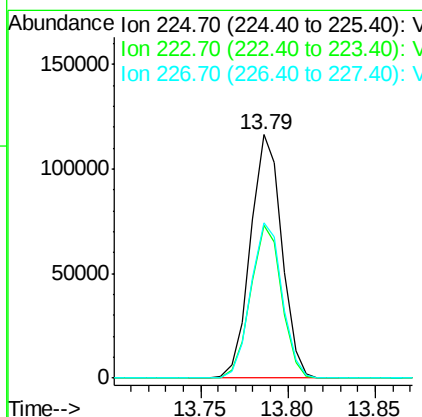
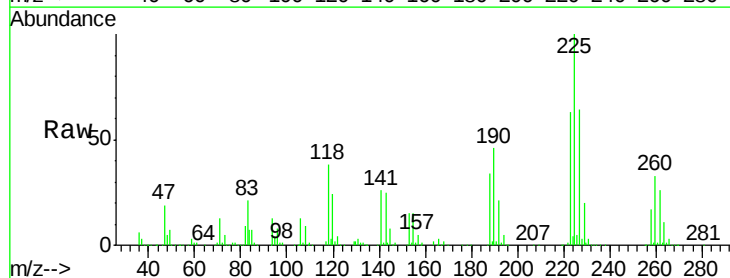
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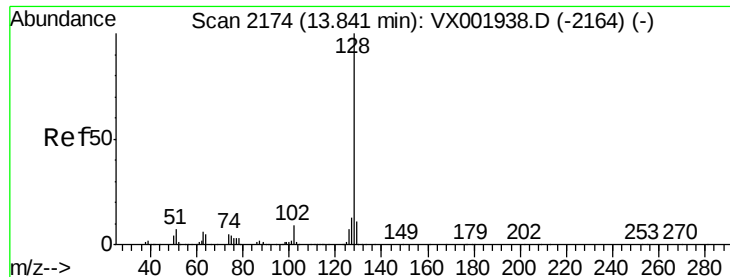
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#94
 Hexachlorobutadiene
 Concen: 44.908 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002190.D
 Acq: 31 May 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144458		
223	62.3	31.1	93.5	
227	64.2	32.1	96.5	





#95

Naphthalene

Concen: 45.864 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Instrument :

MSVOA_X

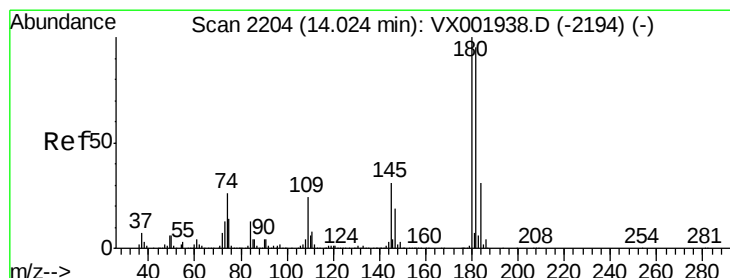
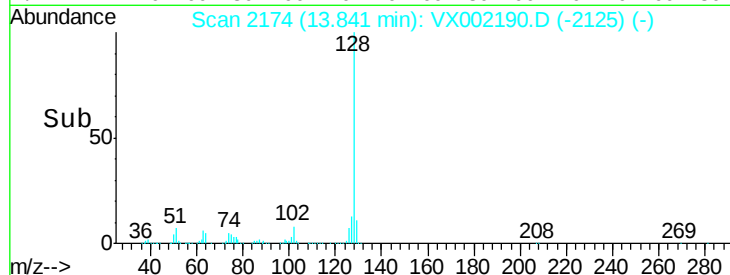
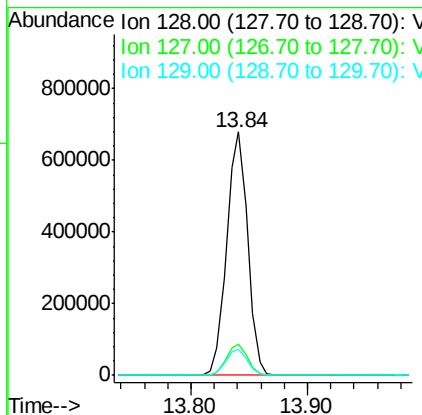
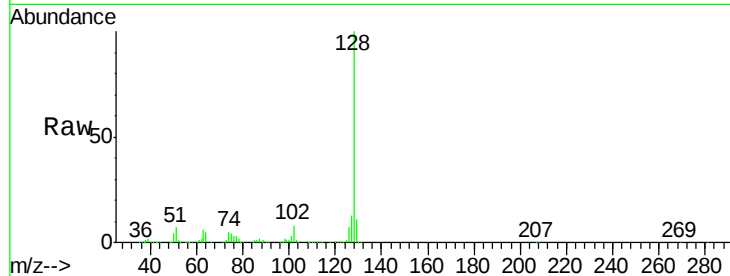
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	844971
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 46.317 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002190.D

Acq: 31 May 2018 21:43

Tgt Ion:	180	Resp:	286590
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.9	143.6
145	29.8	15.1	45.3

