

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001937.D
 Acq On : 24 May 2018 11:19
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 5/25/2018 2:25:51 PM

Quant Time: May 24 12:55:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	451216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	263771	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	121711	21.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.00%	
35) Dibromofluoromethane	5.51	113	93775	21.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.64%	
50) Toluene-d8	8.72	98	339304	20.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.80%	
62) 4-Bromofluorobenzene	11.14	95	127841	20.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	85316	20.44	ug/l	97
3) Chloromethane	1.32	50	94992	19.98	ug/l	98
4) Vinyl Chloride	1.40	62	91409	19.92	ug/l	100
5) Bromomethane	1.64	94	48396	21.89	ug/l	100
6) Chloroethane	1.72	64	54631	20.18	ug/l	100
7) Trichlorofluoromethane	1.93	101	139596	20.15	ug/l	99
8) Diethyl Ether	2.19	74	50768	19.99	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77021	20.25	ug/l	100
10) Methyl Iodide	2.51	142	105064	17.91	ug/l	98
11) Tert butyl alcohol	3.08	59	118400	106.15	ug/l	99
12) 1,1-Dichloroethene	2.37	96	72869	20.54	ug/l	97
13) Acrolein	2.30	56	44257	100.07	ug/l	98
14) Allyl chloride	2.73	41	157585	20.64	ug/l	99
15) Acrylonitrile	3.15	53	229620	100.44	ug/l	100
16) Acetone	2.45	43	225940	105.54	ug/l	99
17) Carbon Disulfide	2.57	76	210784	20.32	ug/l	99
18) Methyl Acetate	2.78	43	112392	20.32	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	279121	20.41	ug/l	100
20) Methylene Chloride	2.86	84	81869	20.61	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	76672	20.10	ug/l	99
22) Diisopropyl ether	3.88	45	325980	20.35	ug/l	99
23) Vinyl Acetate	3.83	43	1354169	103.95	ug/l	100
24) 1,1-Dichloroethane	3.70	63	150178	20.35	ug/l	99
25) 2-Butanone	4.72	43	412001	102.02	ug/l	99
26) 2,2-Dichloropropane	4.59	77	151618	20.71	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	95243	20.09	ug/l	90
28) Bromochloromethane	5.03	49	76332	22.70	ug/l	100
29) Tetrahydrofuran	5.18	42	264704	101.42	ug/l	100
30) Chloroform	5.22	83	167220	20.48	ug/l	98
31) Cyclohexane	5.58	56	152203	20.16	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	156598	20.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121226	20.14	ug/l	99
37) Ethyl Acetate	4.87	43	161338	20.26	ug/l	99
38) Carbon Tetrachloride	5.79	117	140445	20.00	ug/l	99

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149296	20.35	ug/l	97
40) Benzene	6.15	78	358209	20.02	ug/l	99
41) Methacrylonitrile	5.07	41	91569	20.68	ug/l	98
42) 1,2-Dichloroethane	6.20	62	140078	20.06	ug/l	98
43) Isopropyl Acetate	6.48	43	271958	20.39	ug/l	100
44) Trichloroethene	7.22	130	104523	20.23	ug/l	100
45) 1,2-Dichloropropane	7.53	63	99529	20.87	ug/l	97
46) Dibromomethane	7.67	93	65044	20.21	ug/l	98
47) Bromodichloromethane	7.90	83	135047	19.96	ug/l	100
48) Methyl methacrylate	7.79	41	135205	20.06	ug/l	98
49) 1,4-Dioxane	7.76	88	48277	397.34	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	824431	102.20	ug/l	99
52) Toluene	8.79	92	226447	20.03	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	160166	20.04	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	152548	19.74	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	92894	20.06	ug/l	98
56) Ethyl methacrylate	9.19	69	161030	20.19	ug/l	100
57) 1,3-Dichloropropane	9.38	76	157469	20.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	376848	104.80	ug/l	99
59) 2-Hexanone	9.50	43	634683	101.66	ug/l	100
60) Dibromochloromethane	9.59	129	111184	19.68	ug/l	99
61) 1,2-Dibromoethane	9.68	107	99030	19.93	ug/l	100
64) Tetrachloroethene	9.34	164	112112	19.96	ug/l	98
65) Chlorobenzene	10.15	112	248598	20.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	101550	20.39	ug/l	99
67) Ethyl Benzene	10.26	91	440848	20.21	ug/l	100
68) m/p-Xylenes	10.37	106	334116	40.25	ug/l	99
69) o-Xylene	10.70	106	165968	20.18	ug/l	98
70) Styrene	10.72	104	274772	19.89	ug/l	99
71) Bromoform	10.86	173	93823	19.36	ug/l #	99
73) Isopropylbenzene	11.02	105	445157	20.92	ug/l	99
74) N-amyl acetate	6.48	43	271958	21.71	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	132216	21.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	125205m	21.49	ug/l	
77) Bromobenzene	11.26	156	116606	20.60	ug/l	100
78) n-propylbenzene	11.37	91	498732	20.65	ug/l	99
79) 2-Chlorotoluene	11.43	91	304431	21.04	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	376854	20.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	52003	21.23	ug/l	98
82) 4-Chlorotoluene	11.52	91	348014	20.62	ug/l	99
83) tert-Butylbenzene	11.77	119	367441	20.87	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	386134	20.73	ug/l	100
85) sec-Butylbenzene	11.95	105	443339	20.55	ug/l	99
86) p-Isopropyltoluene	12.07	119	395517	20.43	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	205346	20.33	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204355	20.11	ug/l	99
89) n-Butylbenzene	12.39	91	333751	19.84	ug/l	100
90) Hexachloroethane	12.60	117	77163	20.34	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	210645	20.32	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39572	20.87	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC020

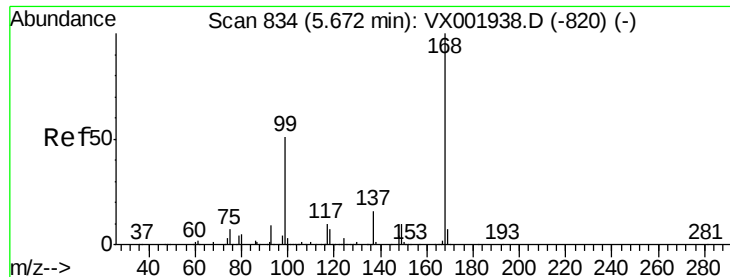
Manual Integrations
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5/25/2018 2:25:51 PM

Quant Time: May 24 12:55:20 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 12:37:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147200	19.42	ug/l	100
94) Hexachlorobutadiene	13.79	225	79623	19.66	ug/l	99
95) Naphthalene	13.84	128	475252	20.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	155204	19.94	ug/l	100

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



#1

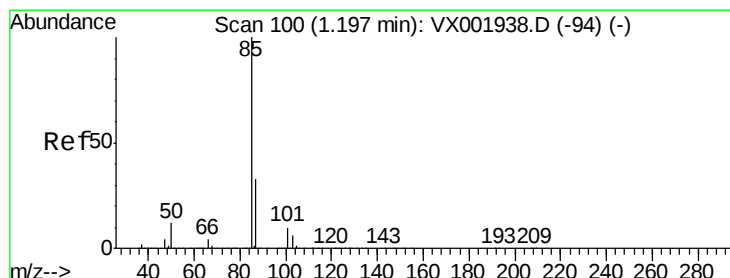
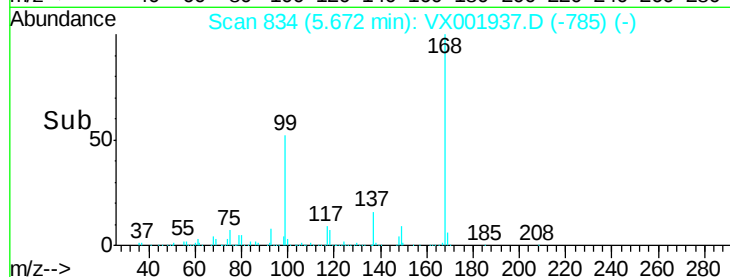
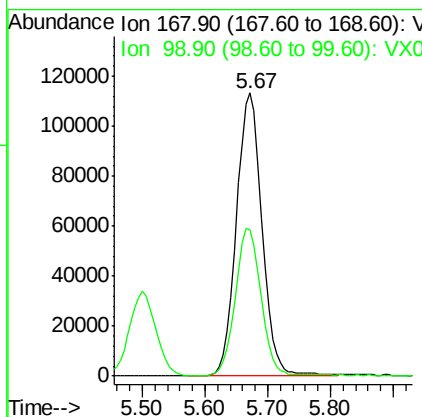
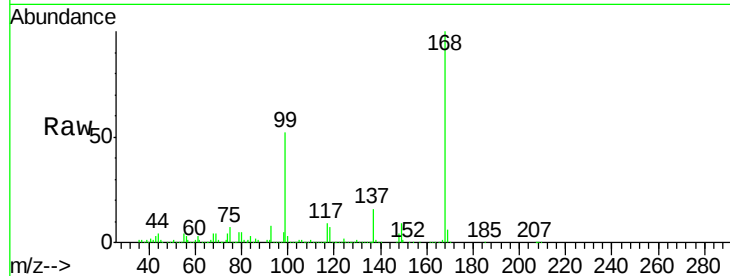
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.6	41.0	61.4

Manual Integrations
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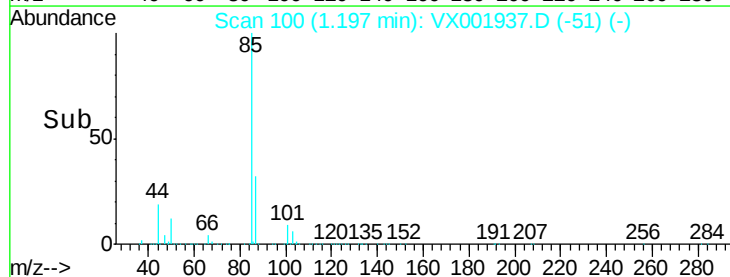
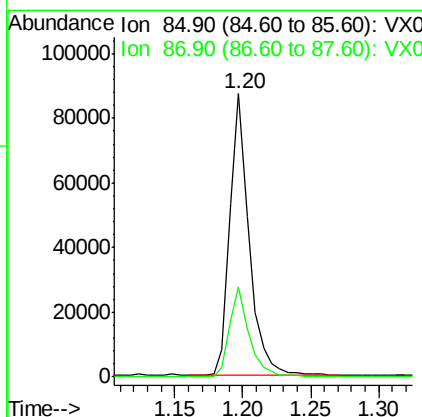
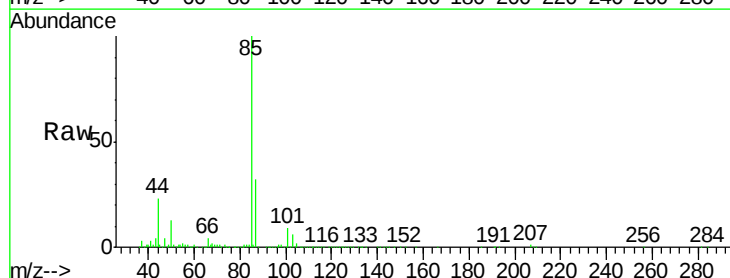
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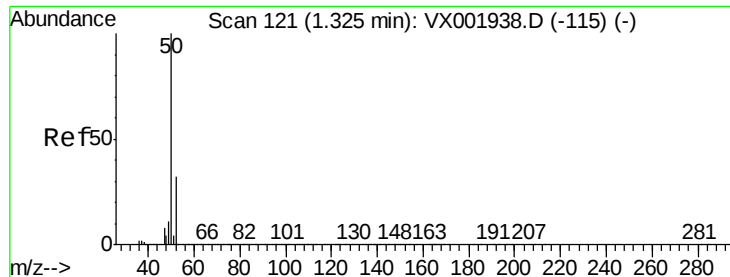


#2

Dichlorodifluoromethane
 Concen: 20.44 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.7	50.0





#3

Chloromethane

Concen: 19.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 94992

Ion Ratio Lower Upper

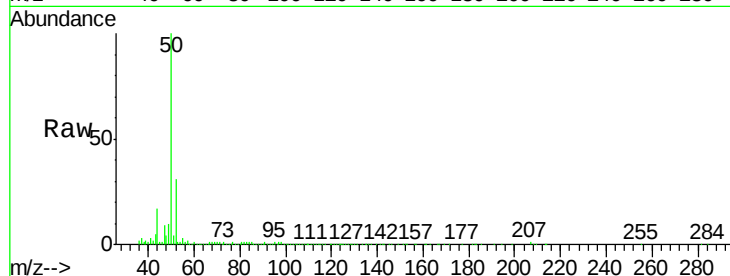
50 100

52 31.4 26.0 39.0

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

60000

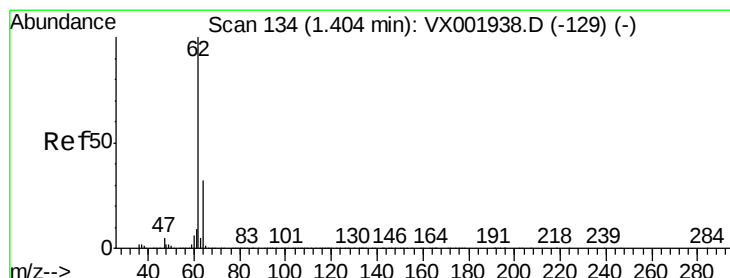
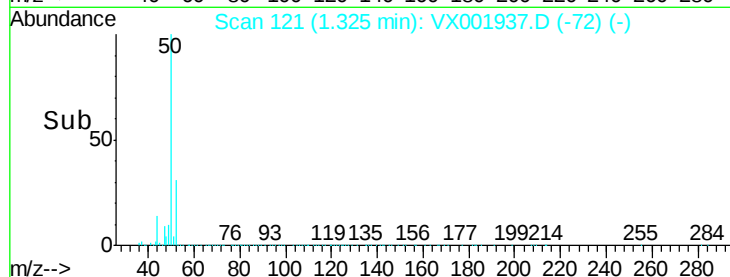
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 19.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001937.D

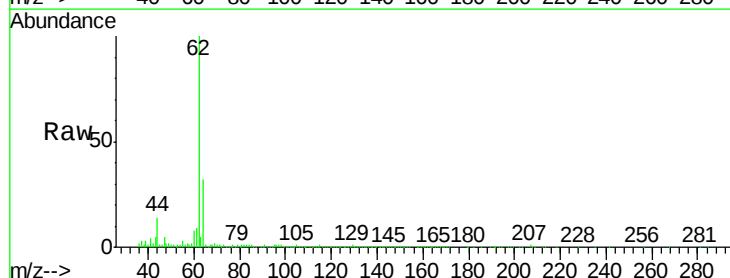
Acq: 24 May 2018 11:19

Tgt Ion: 62 Resp: 91409

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

100000

80000

60000

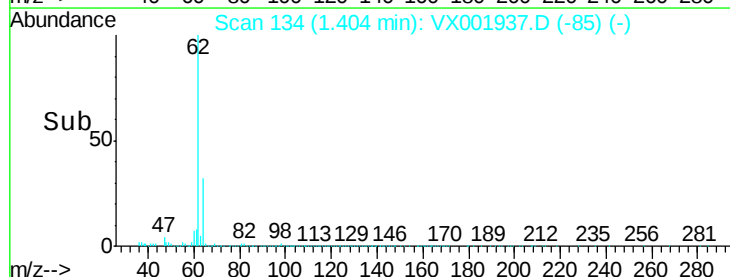
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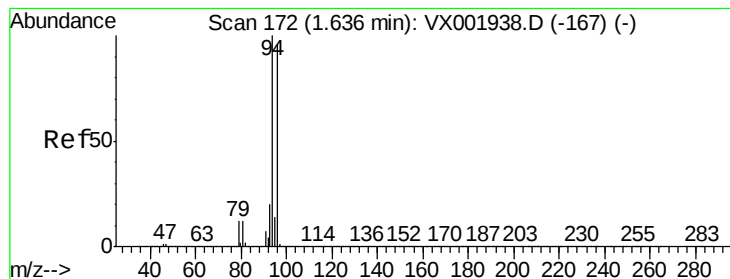
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1.30 1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 21.89 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 48396

Ion Ratio Lower Upper

94 100

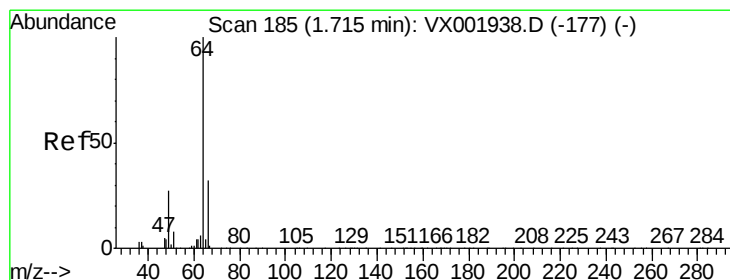
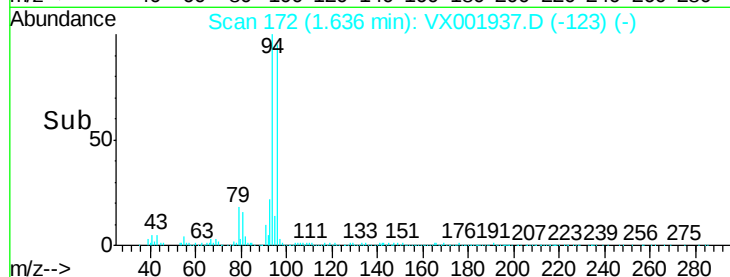
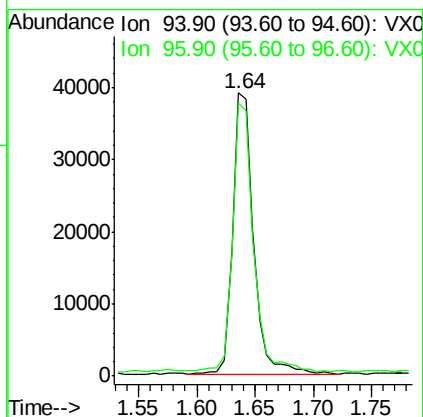
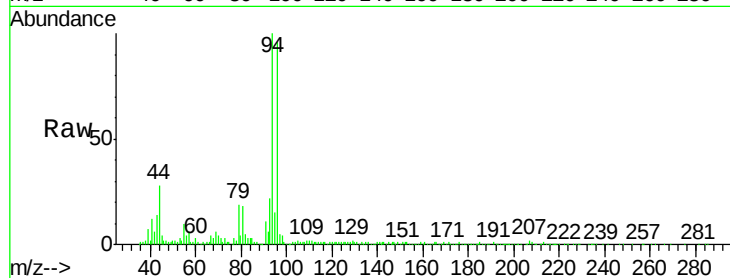
96 95.2 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 20.18 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001937.D

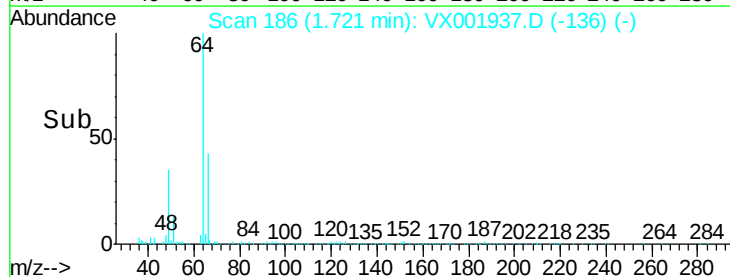
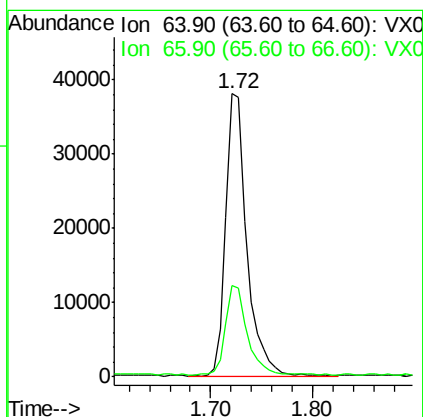
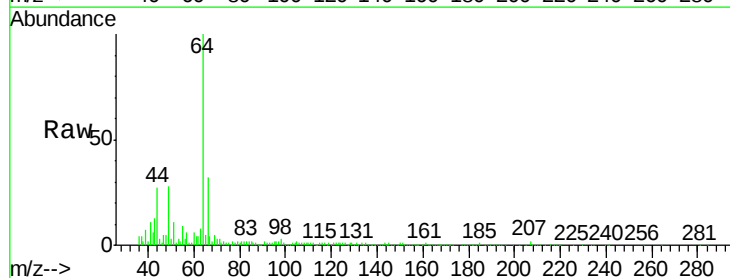
Acq: 24 May 2018 11:19

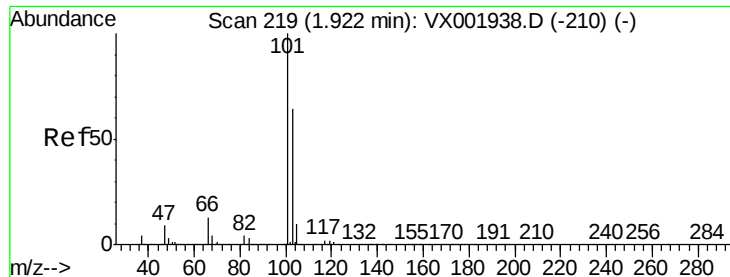
Tgt Ion: 64 Resp: 54631

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

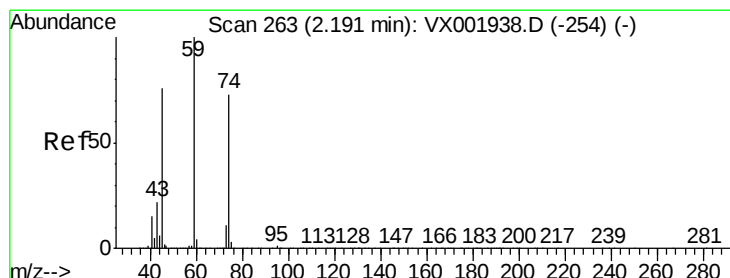
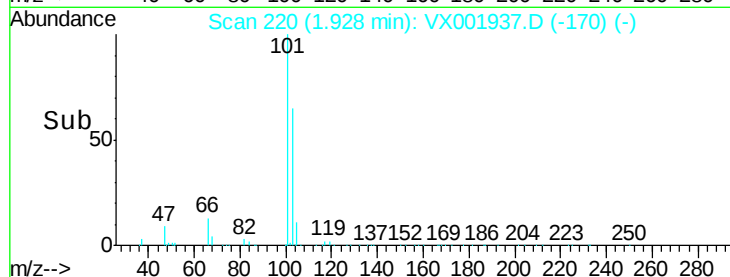
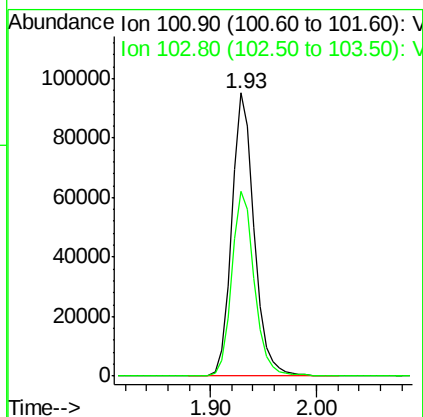
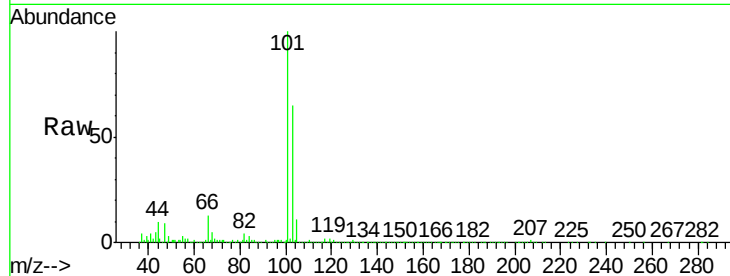
Trichlorofluoromethane
Concen: 20.15 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	139596		
103	65.2	51.4	77.0	

Manual Integrations
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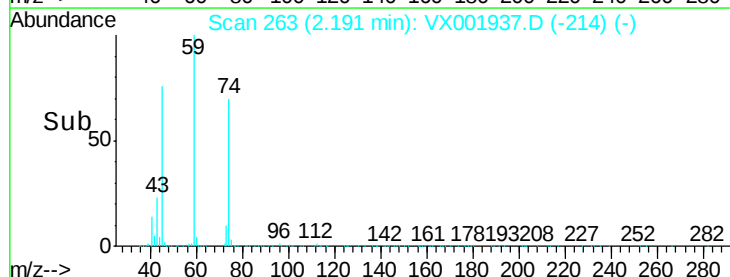
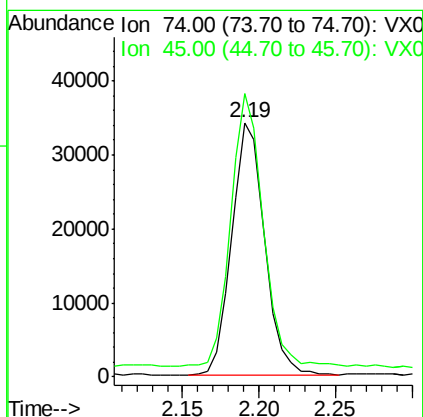
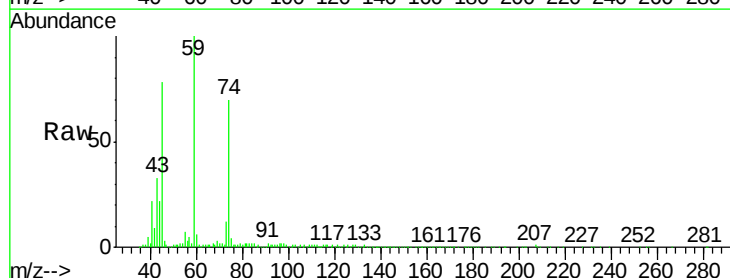
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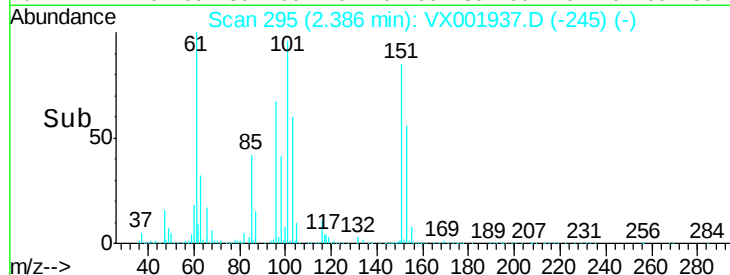
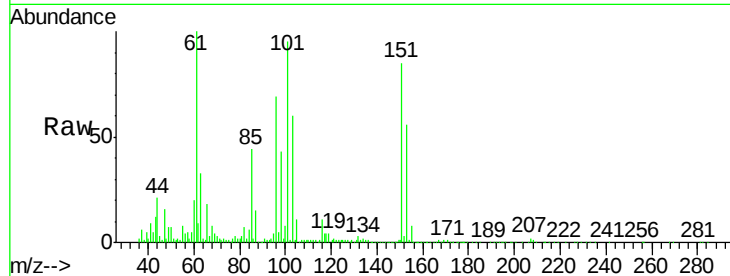
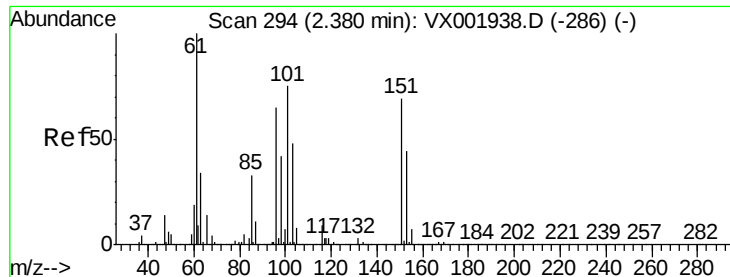


#8

Diethyl Ether
Concen: 19.99 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	50768		
45	104.9	51.5	154.7	





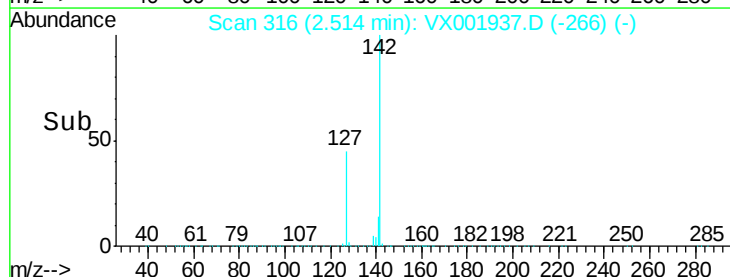
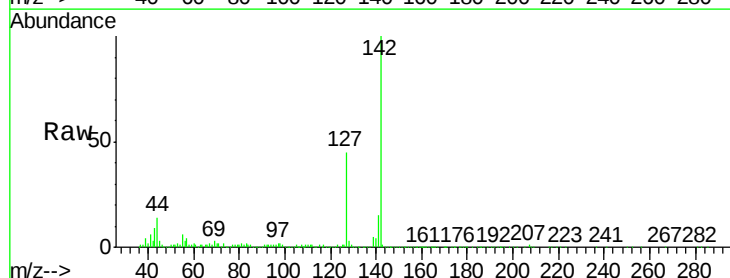
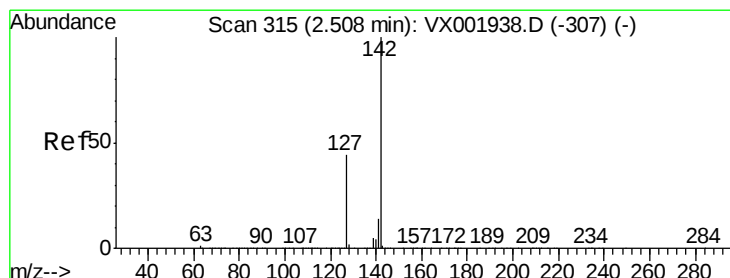
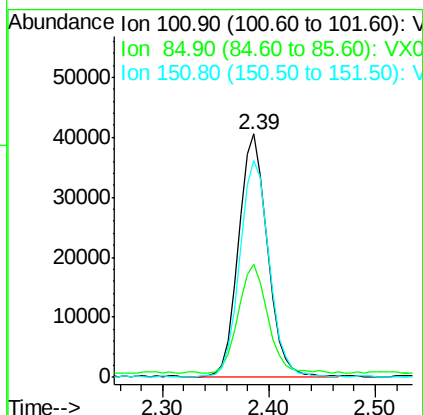
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.25 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.6	53.4
151	91.5	73.2	109.8

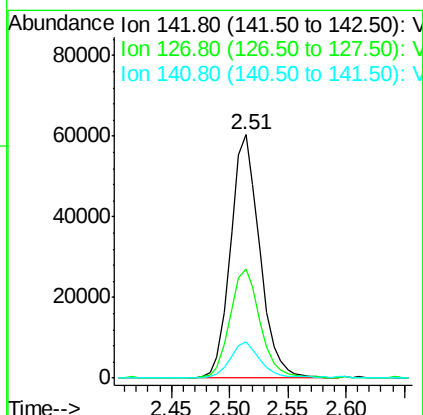
Manual Integrations
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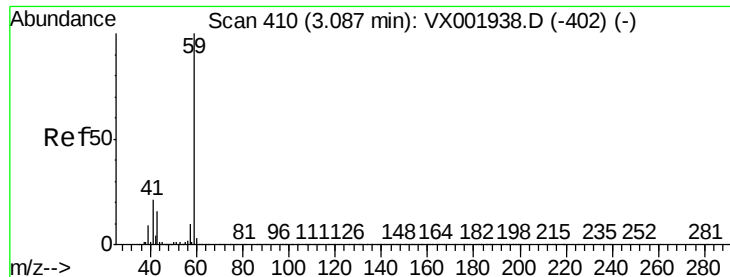
MMDadoda
5/25/2018 2:25:51 PM



#10
Methyl Iodide
Concen: 17.91 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.7	35.5	53.3
141	14.3	11.3	16.9





#11

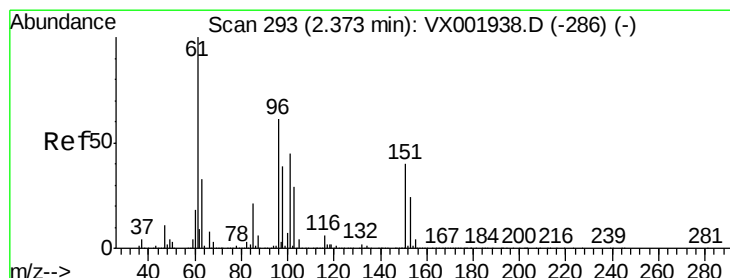
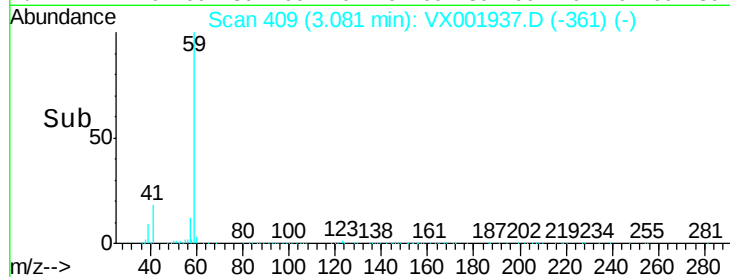
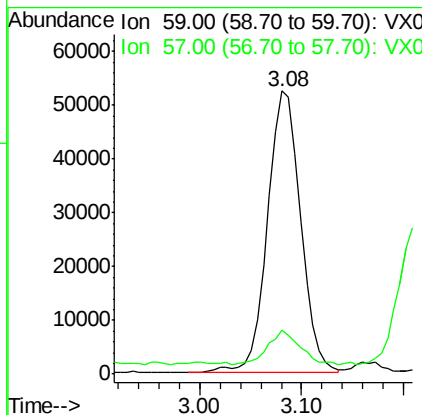
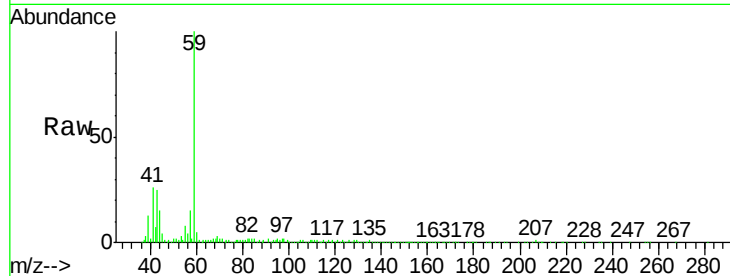
Tert butyl alcohol
Concen: 106.15 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	118400		
57	57	11.3		8.9	13.3

Manual Integrations
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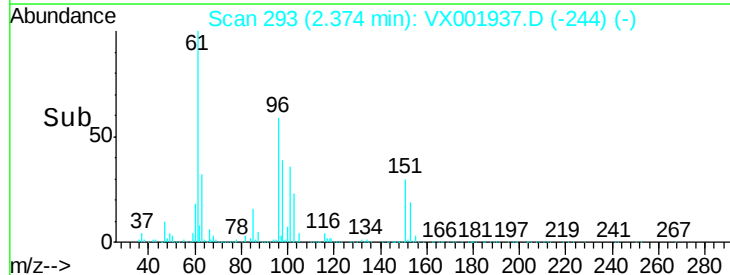
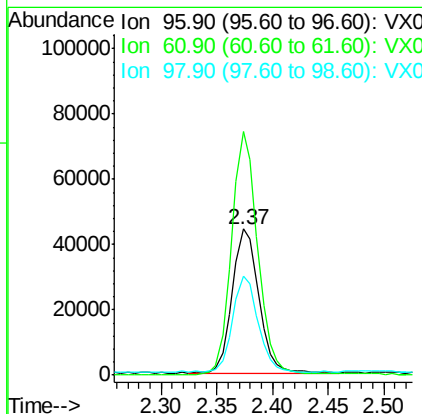
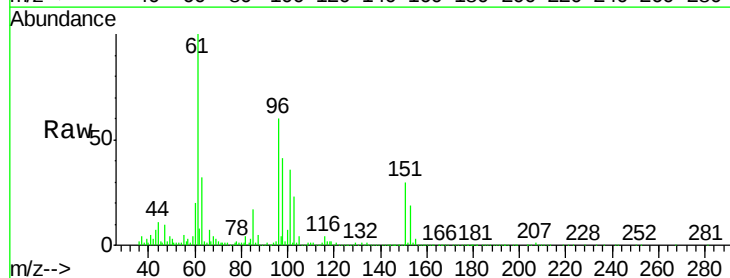
MMDadoda
5/25/2018 2:25:51 PM

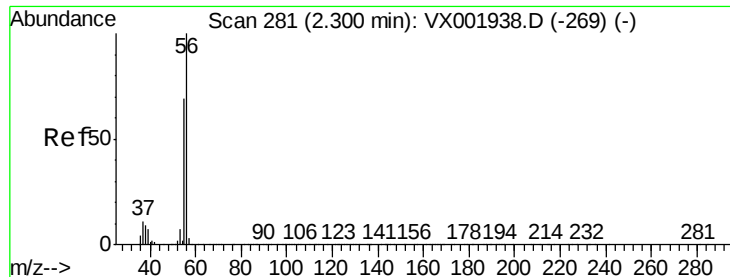


#12

1,1-Dichloroethene
Concen: 20.54 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	72869		
61	61	169.0		131.7	197.5
98	98	67.1		51.6	77.4





#13

Acrolein

Concen: 100.07 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 44257

Ion Ratio Lower Upper

56 100

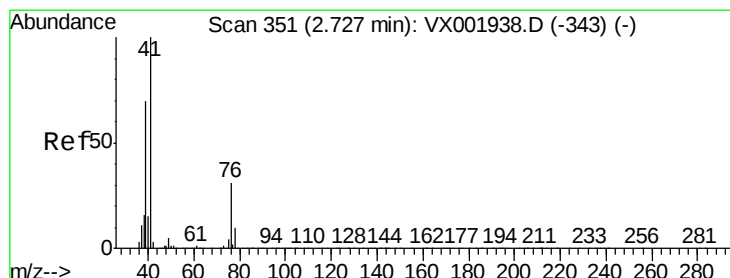
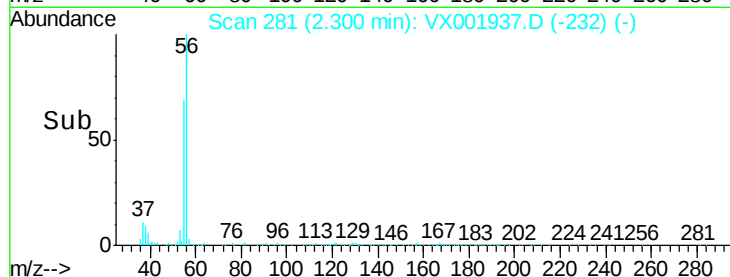
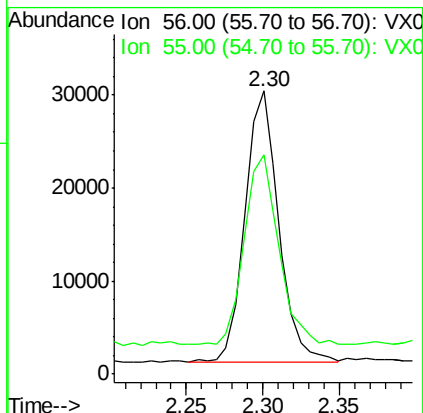
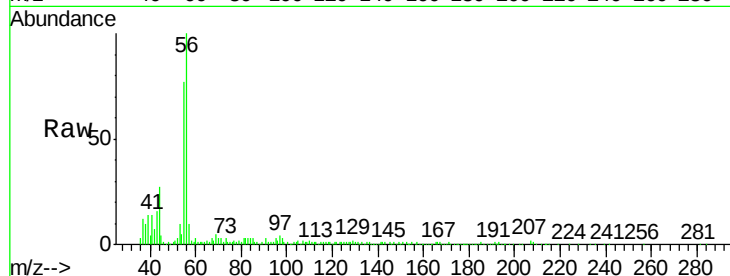
55 72.3 56.8 85.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.64 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

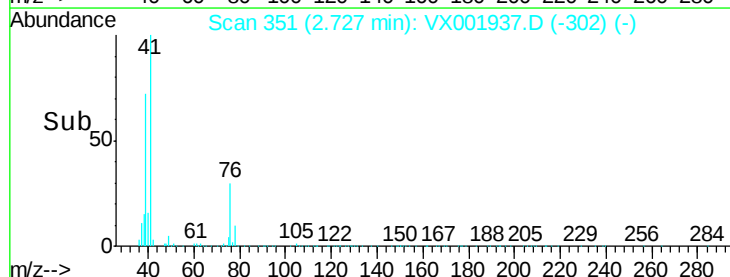
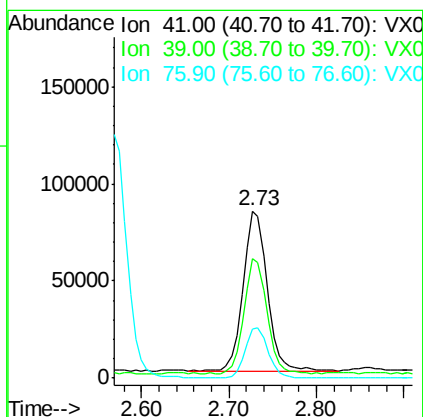
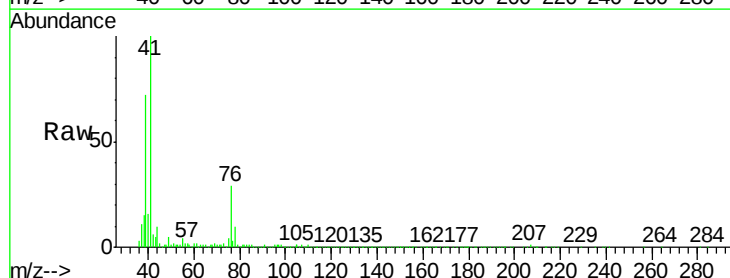
Tgt Ion: 41 Resp: 157585

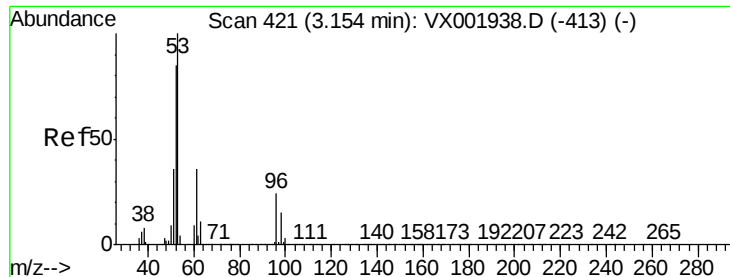
Ion Ratio Lower Upper

41 100

39 68.3 54.3 81.5

76 29.6 24.2 36.4





#15

Acrylonitrile

Concen: 100.44 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

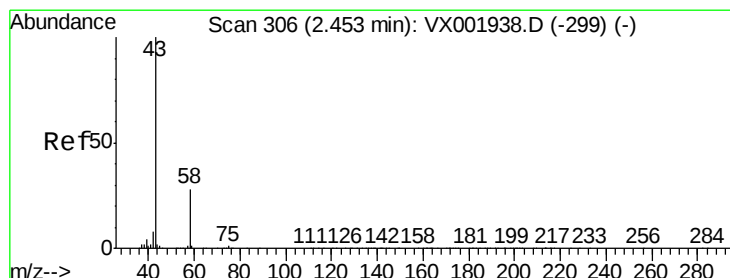
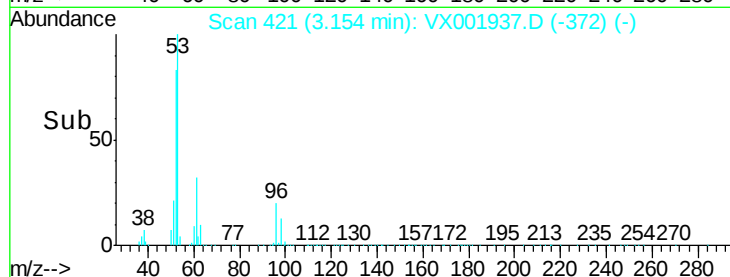
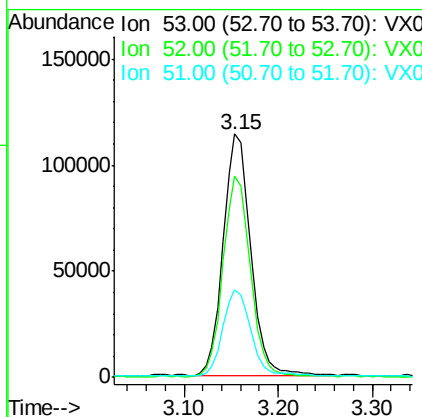
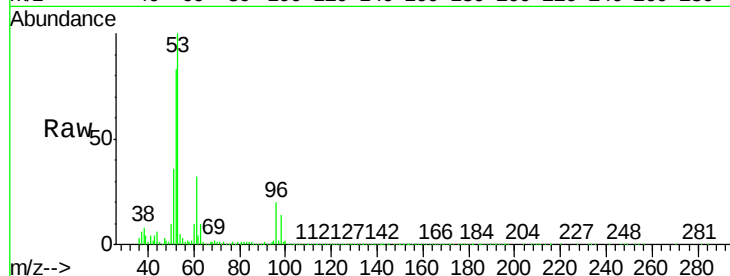
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	229620
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.4	99.6
51	37.0	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 105.54 ug/l

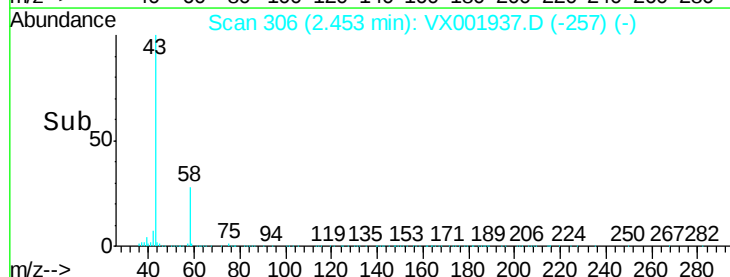
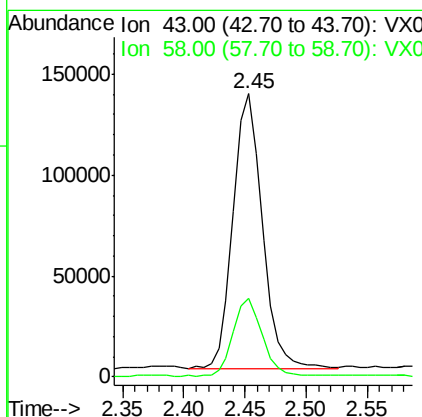
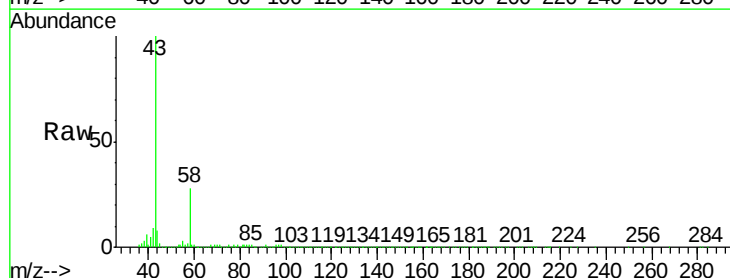
RT: 2.45 min Scan# 306

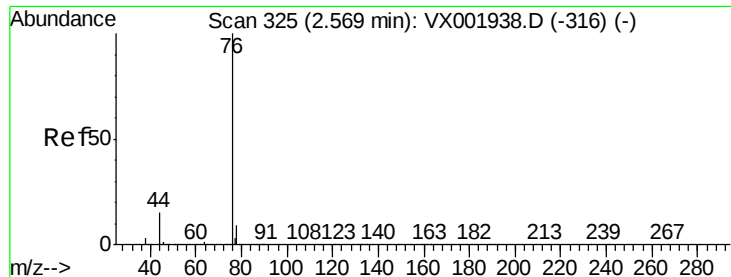
Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Tgt Ion:	43	Resp:	225940
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.3	33.5





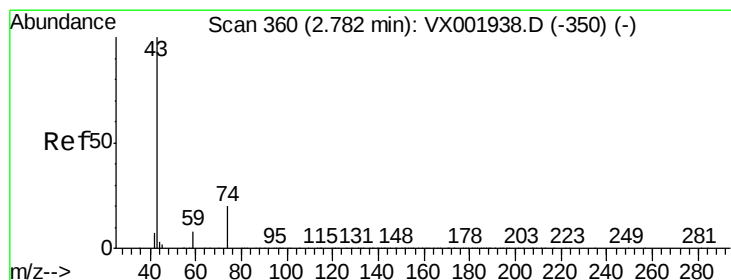
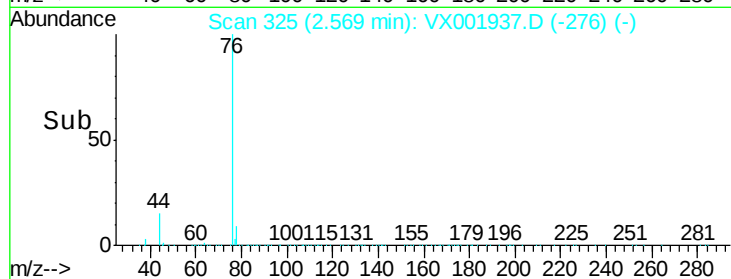
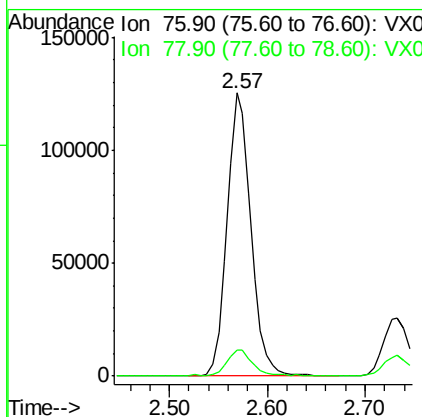
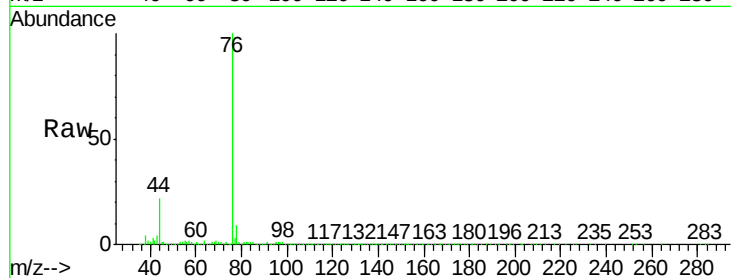
#17
Carbon Disulfide
Concen: 20.32 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

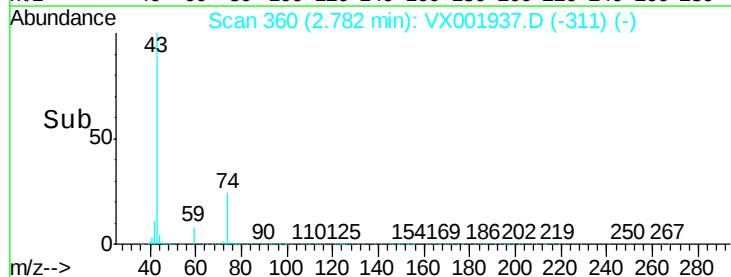
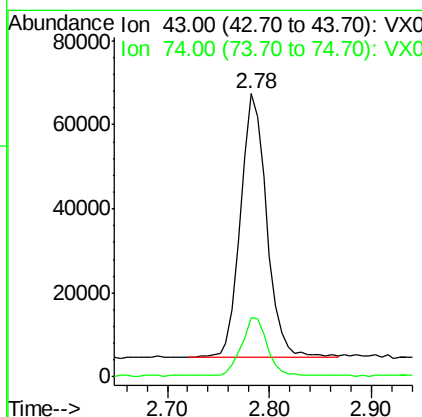
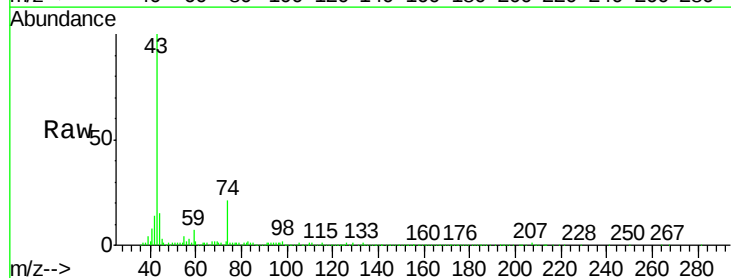
Manual Integrations
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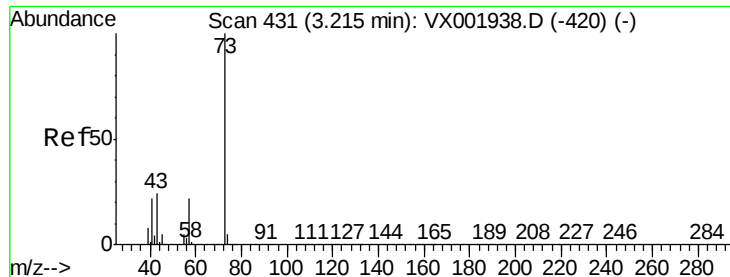
MMDadoda
5/25/2018 2:25:51 PM



#18
Methyl Acetate
Concen: 20.32 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.8	25.2





#19

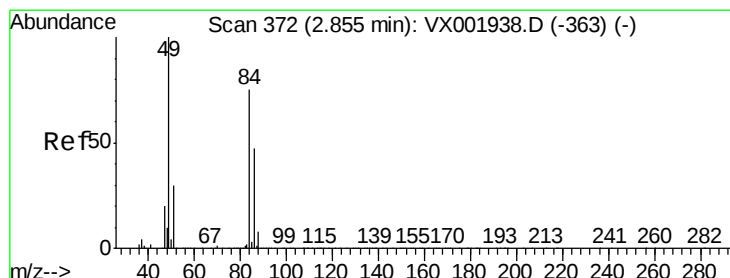
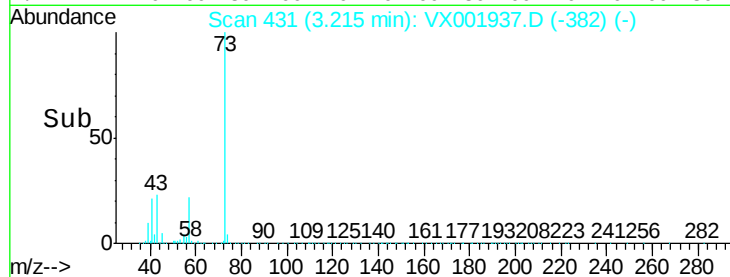
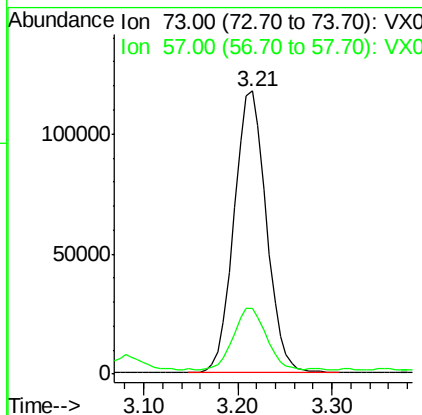
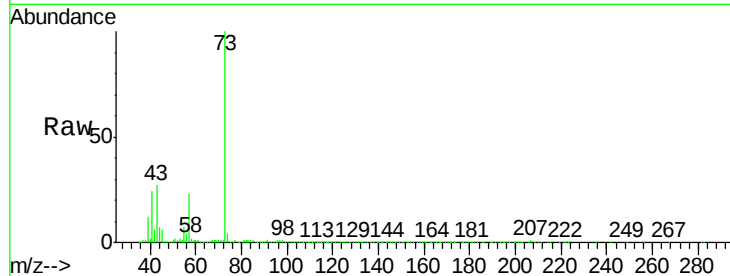
Methyl tert-butyl Ether
Concen: 20.41 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.0

Manual Integrations
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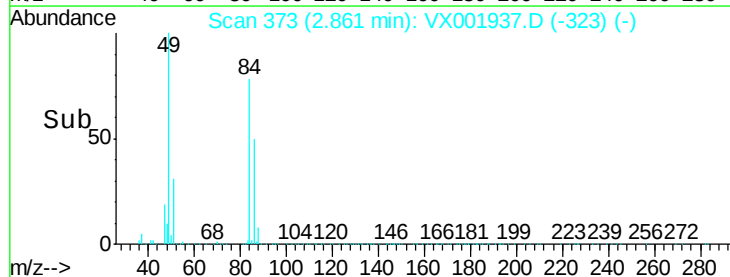
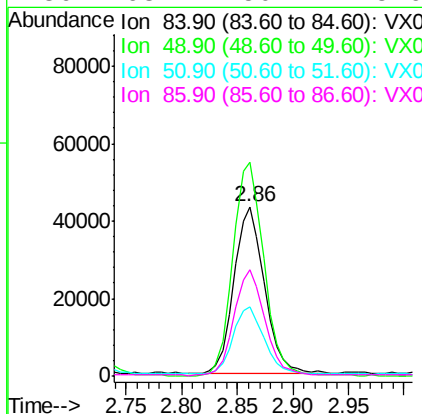
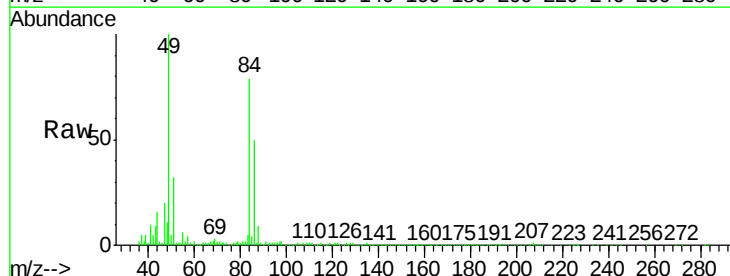
MMDadoda
5/25/2018 2:25:51 PM

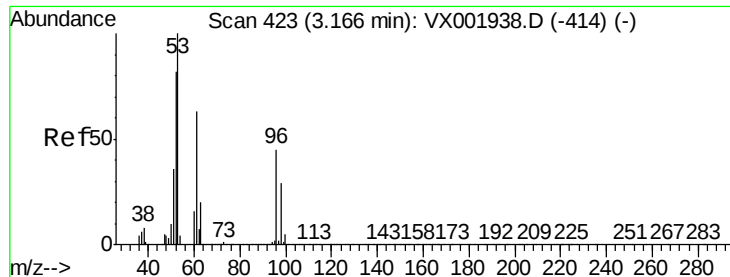


#20

Methylene Chloride
Concen: 20.61 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	107.2	160.8
51	40.1	32.4	48.6
86	63.4	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 20.10 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

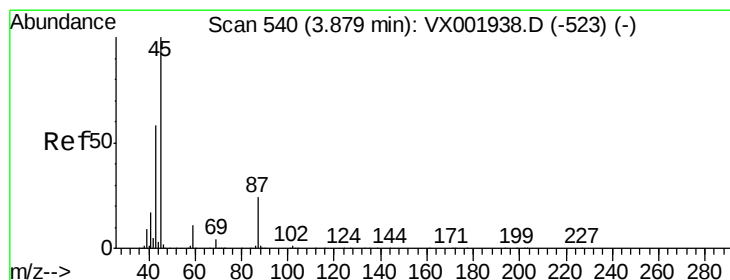
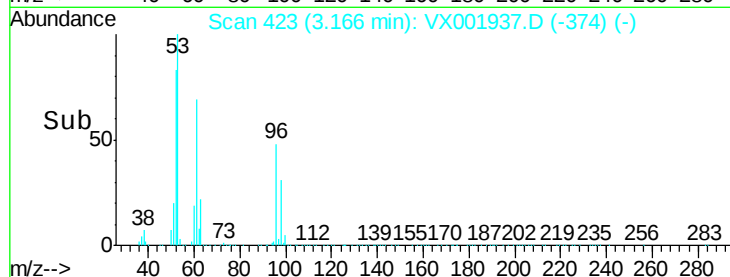
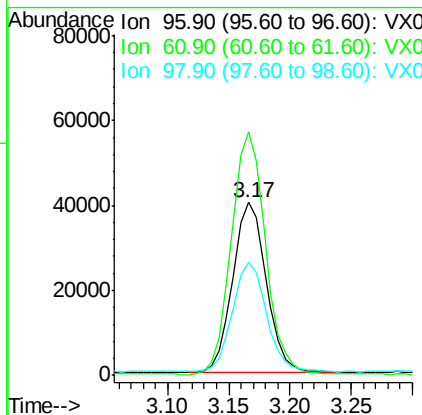
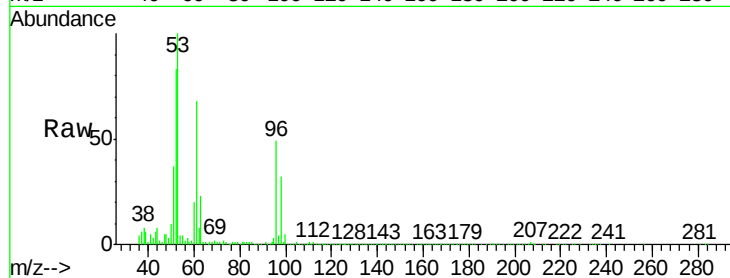
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	76672
Ion	Ratio	Lower	Upper
96	100		
61	142.5	113.3	169.9
98	64.5	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.35 ug/l

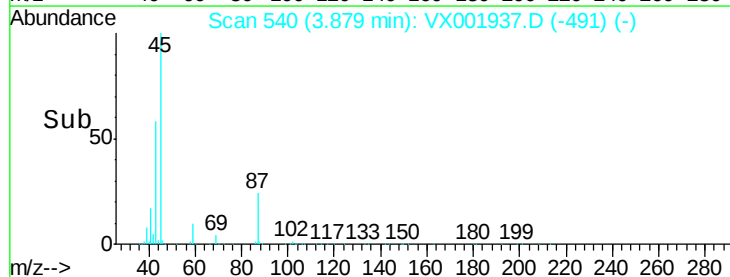
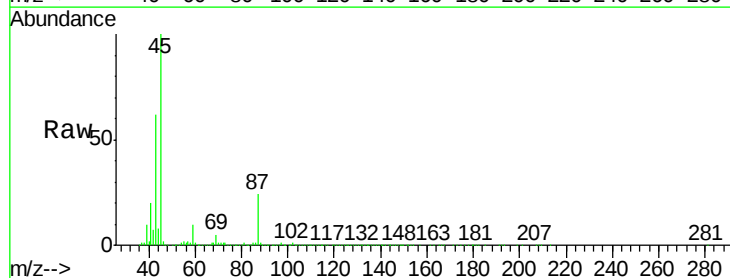
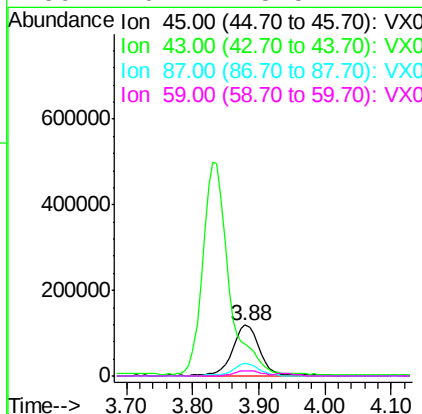
RT: 3.88 min Scan# 540

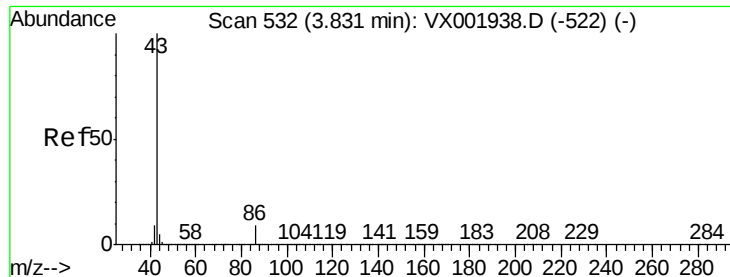
Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Tgt Ion:	45	Resp:	325980
Ion	Ratio	Lower	Upper
45	100		
43	59.6	47.0	70.6
87	24.4	19.4	29.0
59	10.4	8.5	12.7





#23

Vinyl Acetate

Concen: 103.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 1354169

Ion Ratio Lower Upper

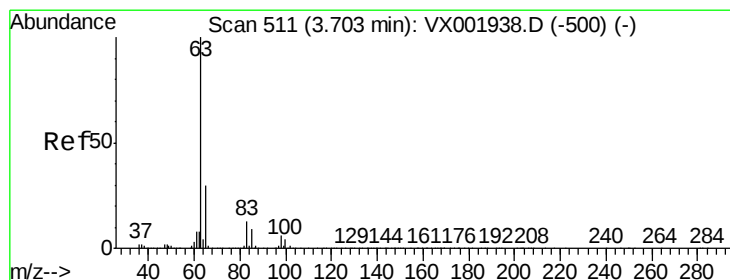
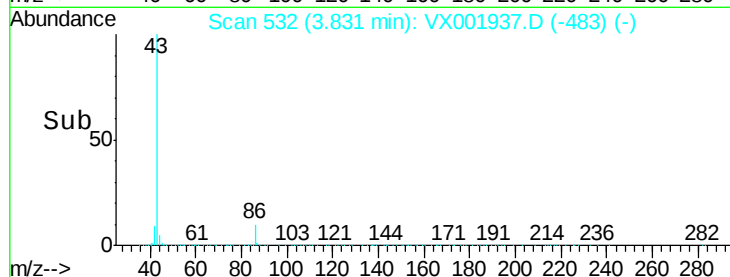
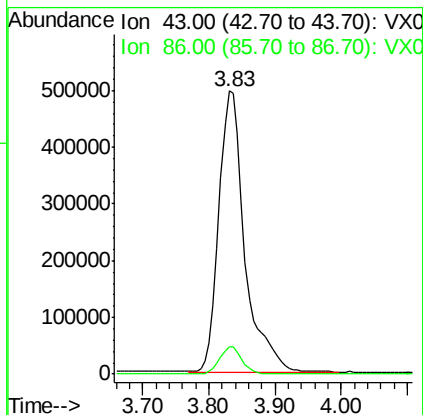
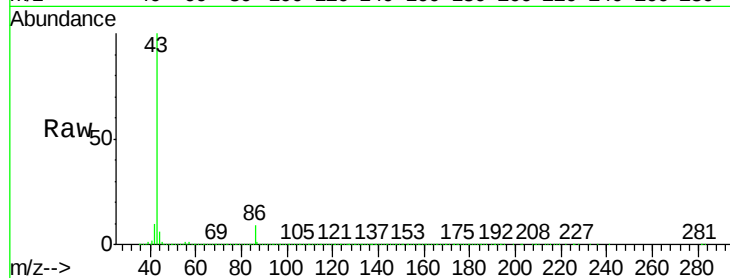
43 100

86 9.5 7.6 11.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 20.35 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

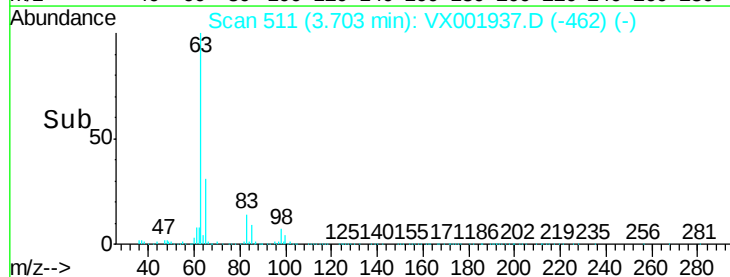
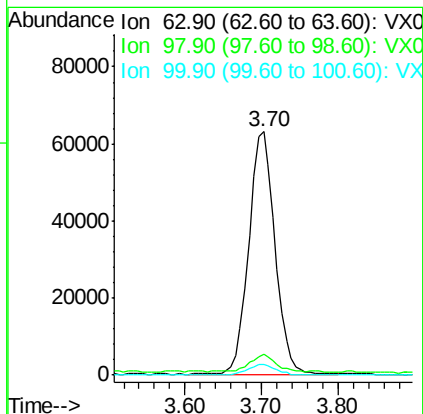
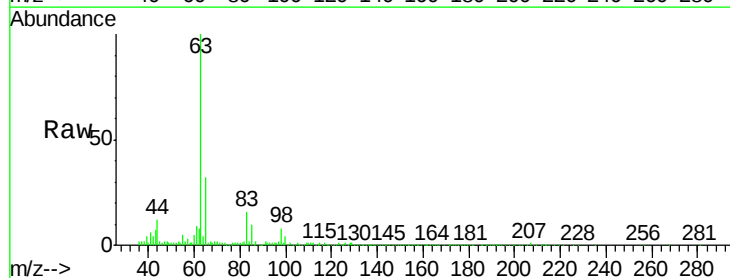
Tgt Ion: 63 Resp: 150178

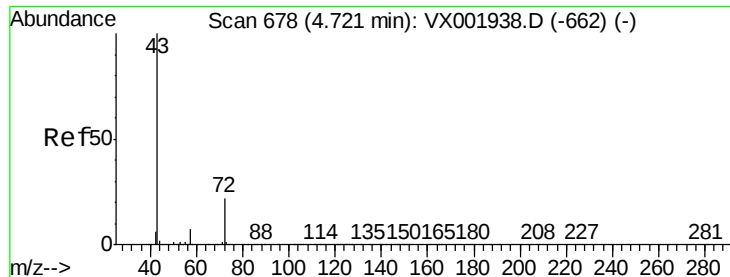
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 102.02 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 412001

Ion Ratio Lower Upper

43 100

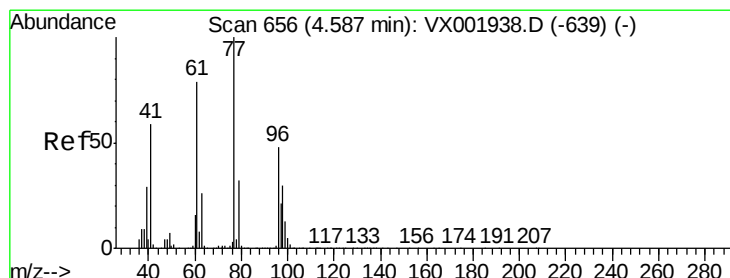
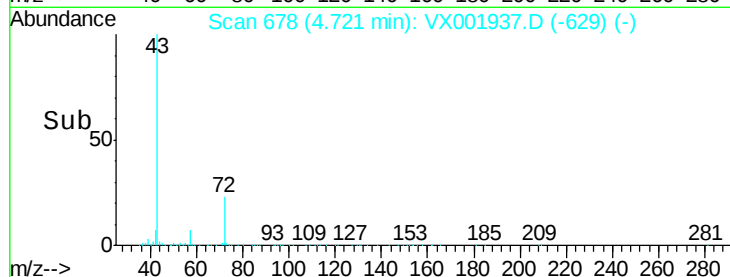
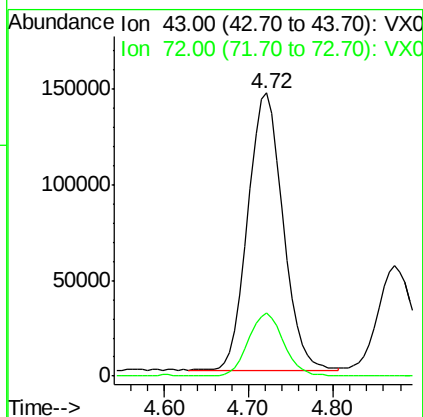
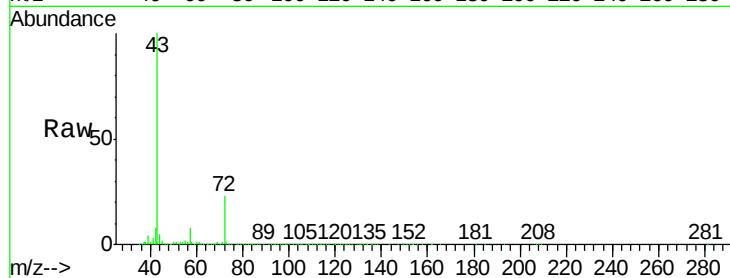
72 22.8 17.9 26.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.71 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001937.D

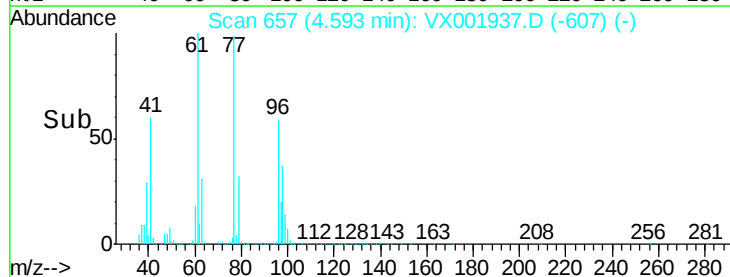
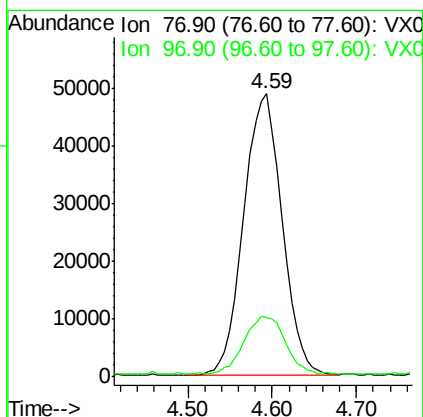
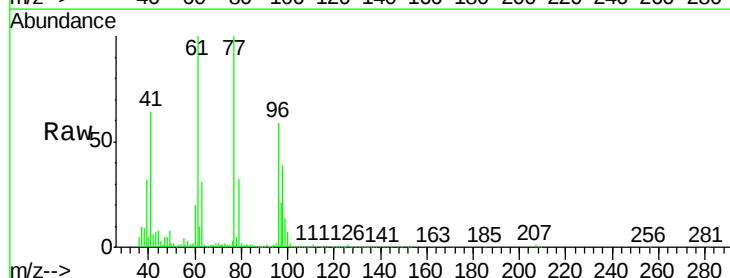
Acq: 24 May 2018 11:19

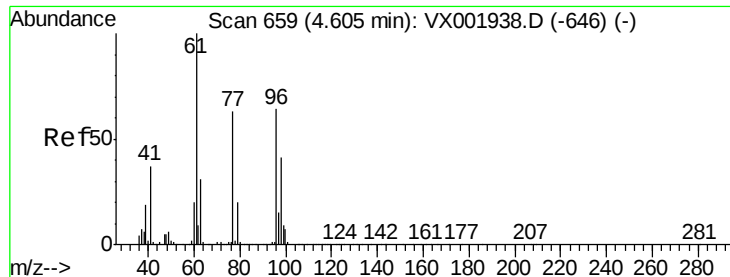
Tgt Ion: 77 Resp: 151618

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.5





#27

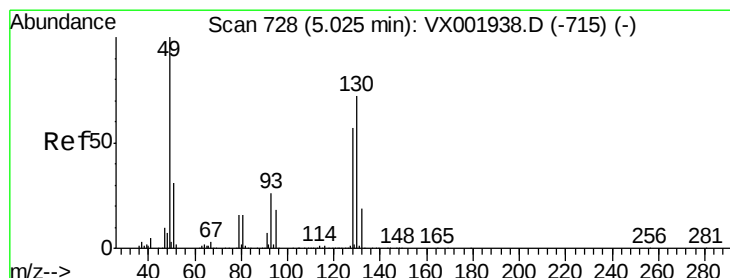
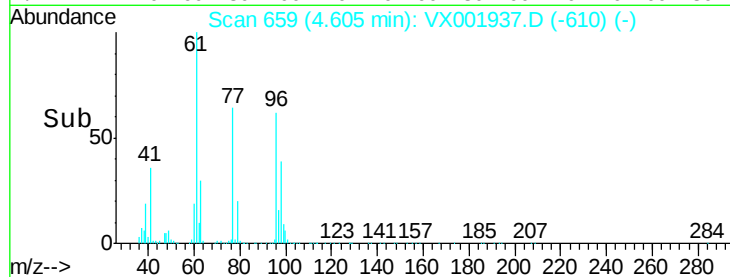
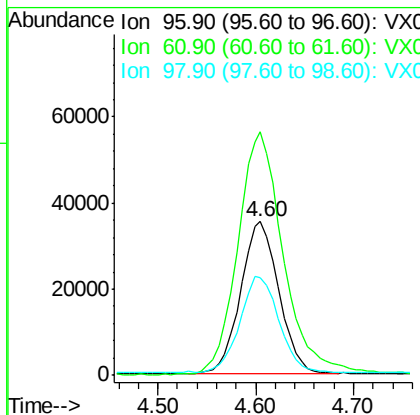
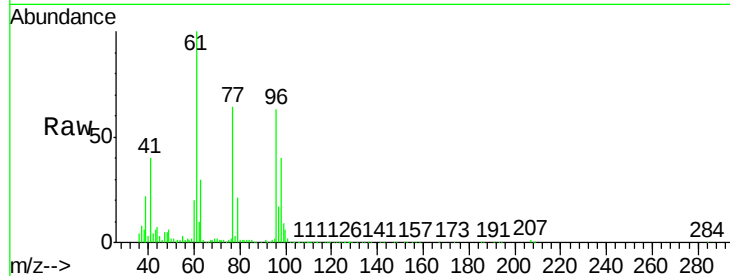
cis-1,2-Dichloroethene
Concen: 20.09 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	193.2	0.0	348.4
98	65.4	0.0	128.6

Manual Integrations
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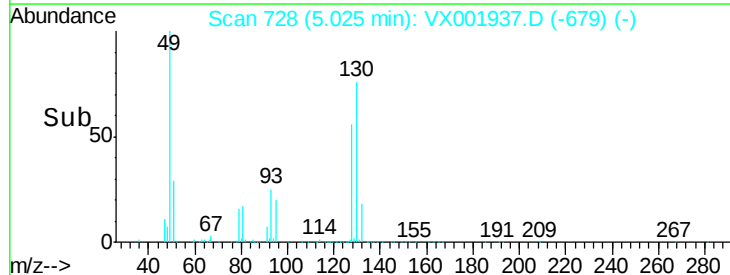
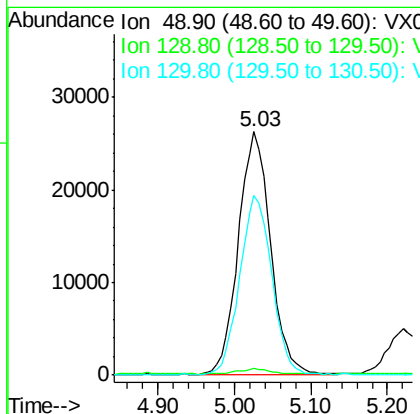
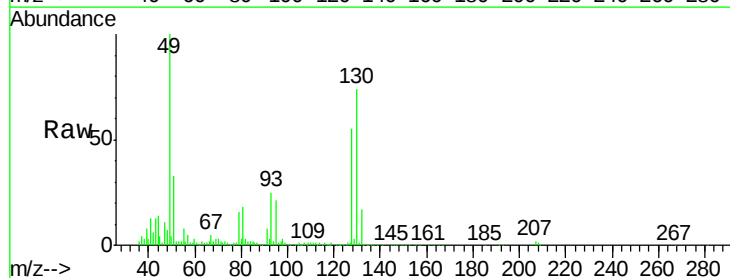
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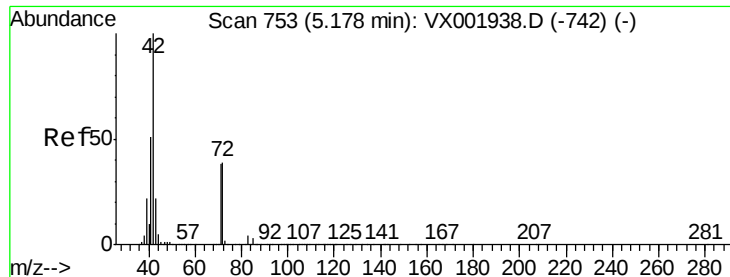


#28

Bromochloromethane
Concen: 22.70 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	74.3	59.4	89.2





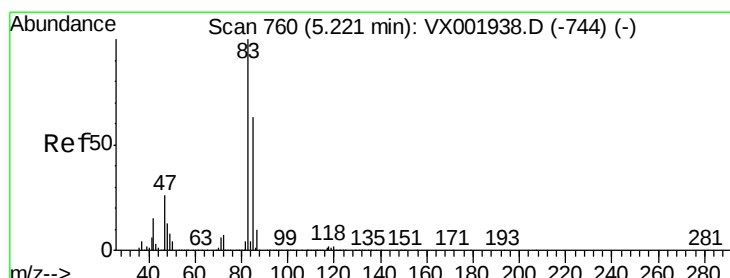
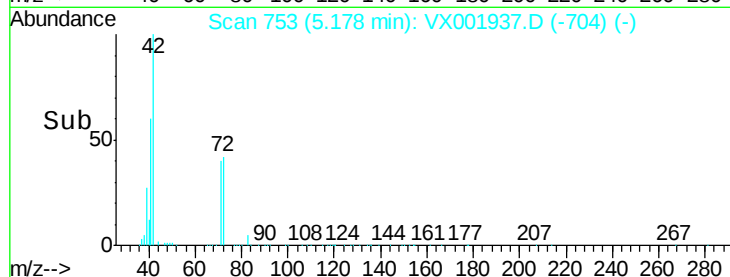
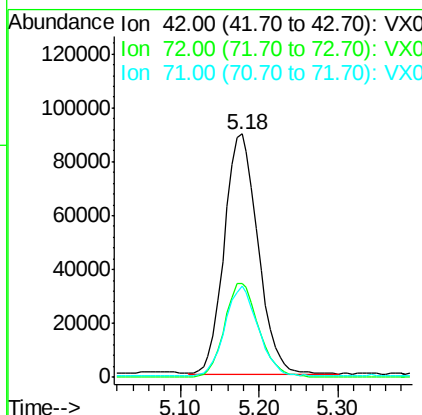
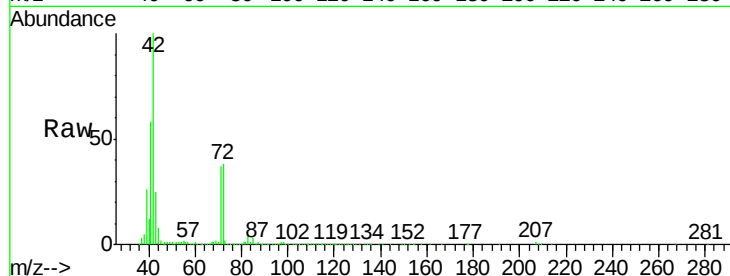
#29
Tetrahydrofuran
Concen: 101.42 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.4	47.0
71	36.8	29.5	44.3

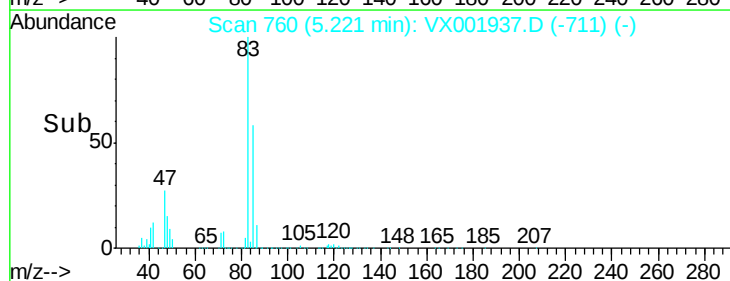
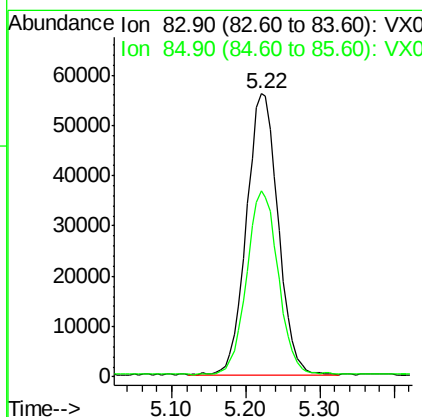
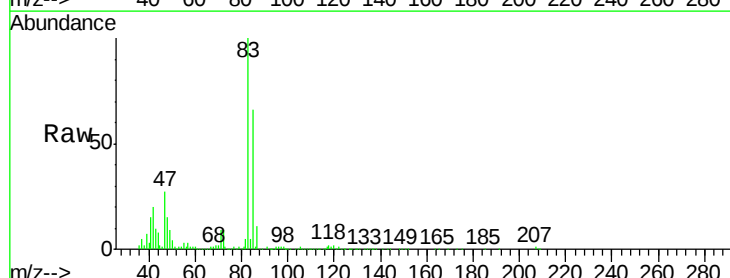
Manual Integrations
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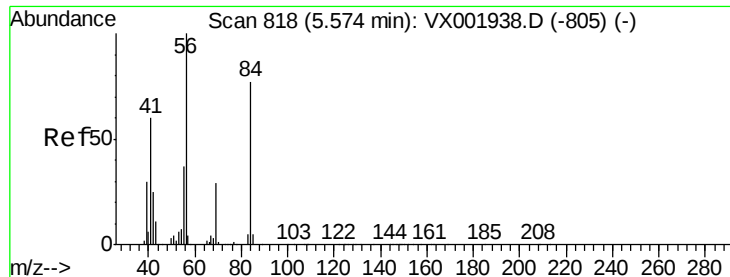
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#30
Chloroform
Concen: 20.48 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.9	76.3





#31

Cyclohexane

Concen: 20.16 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

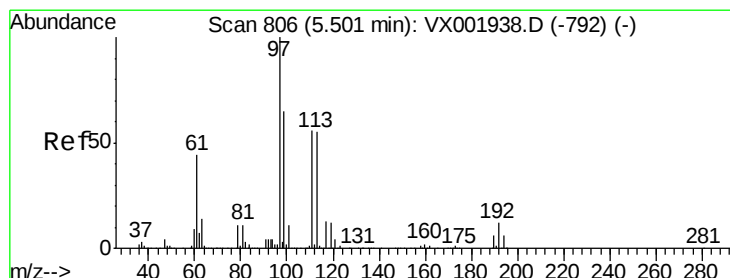
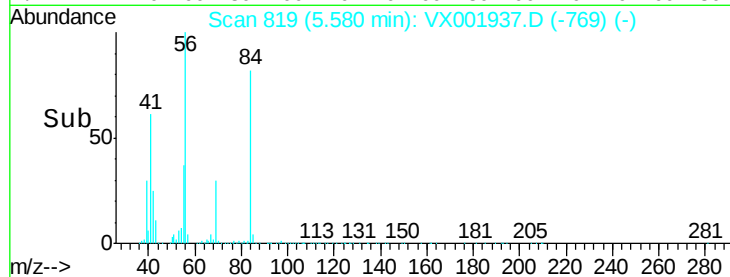
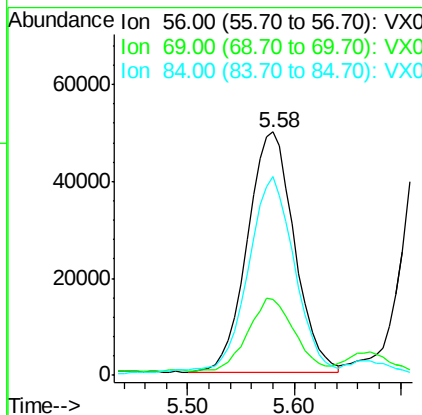
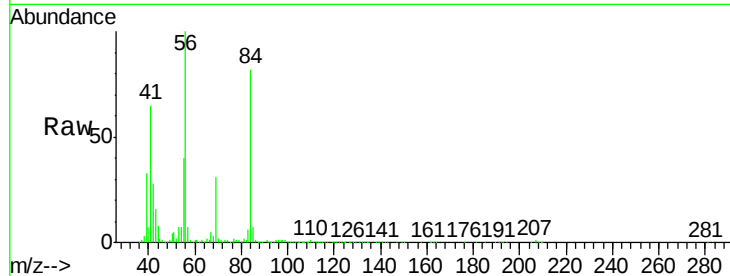
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	152203
Ion Ratio	Lower	Upper	
56	100		
69	29.7	23.1	34.7
84	80.2	62.0	93.0

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#32

1,1,1-Trichloroethane

Concen: 20.25 ug/l

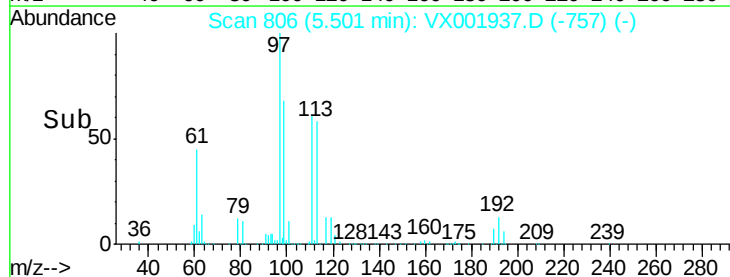
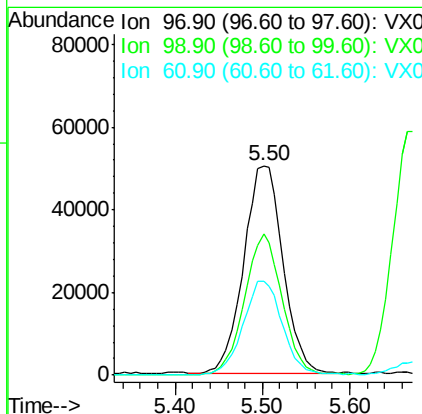
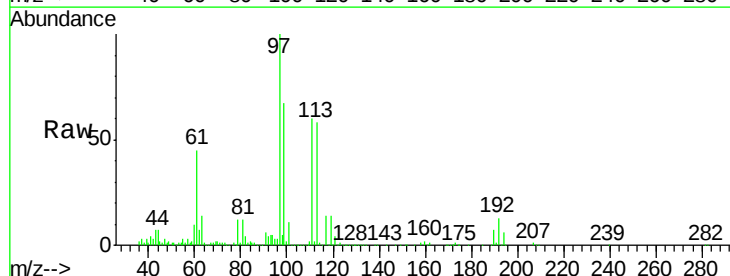
RT: 5.50 min Scan# 806

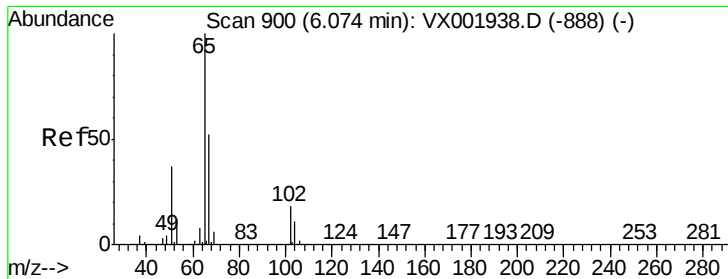
Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Tgt Ion:	97	Resp:	156598
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.9	77.9
61	44.5	35.9	53.9





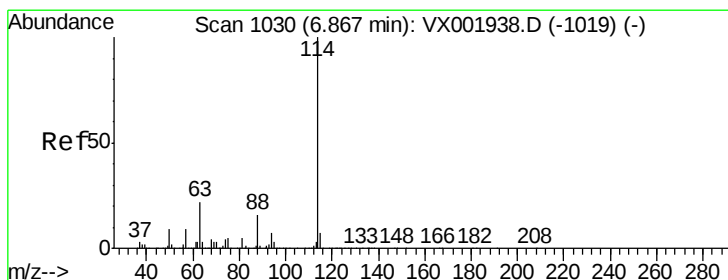
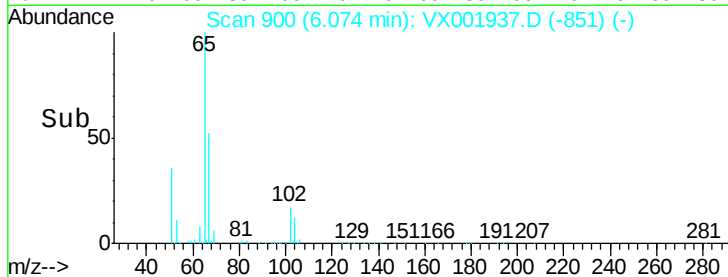
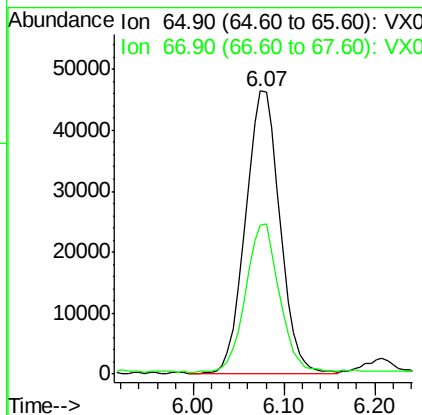
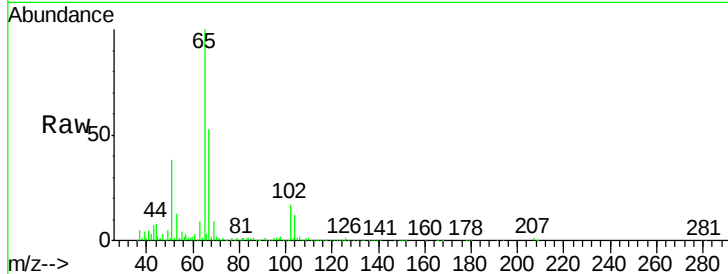
#33
 1,2-Dichloroethane-d4
 Concen: 21.50 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121711		
67	51.0	0.0	104.0	

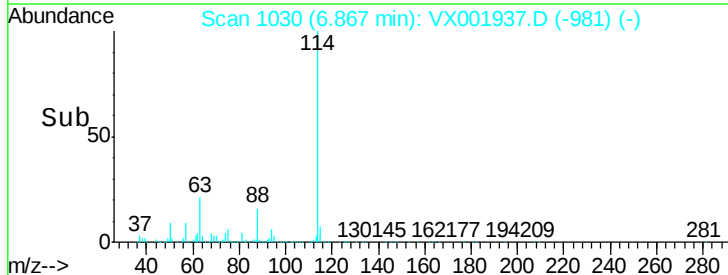
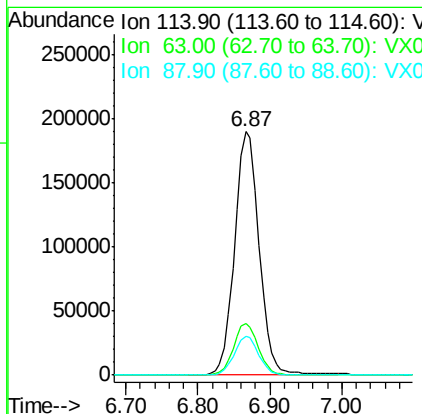
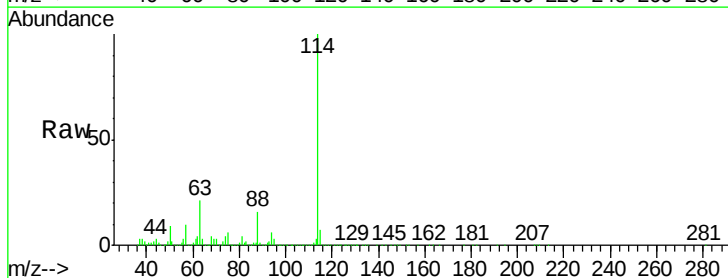
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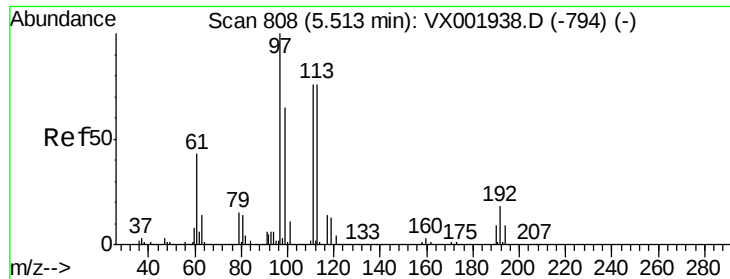
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451216		
63	21.4	0.0	43.2	
88	16.0	0.0	31.6	





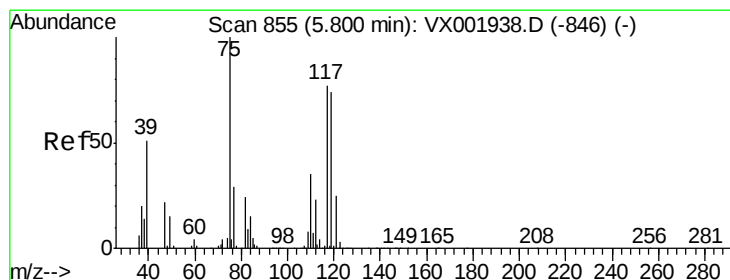
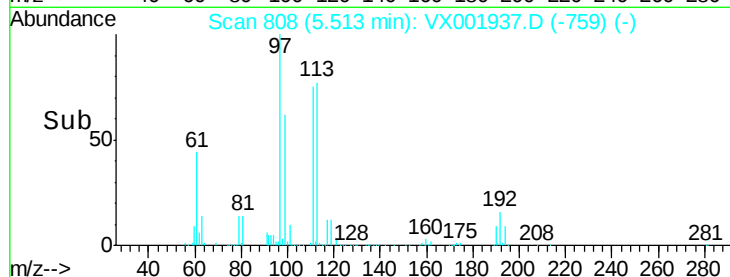
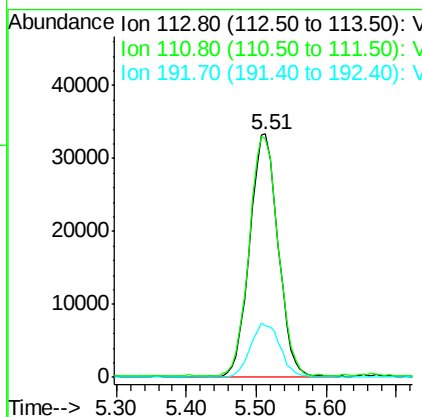
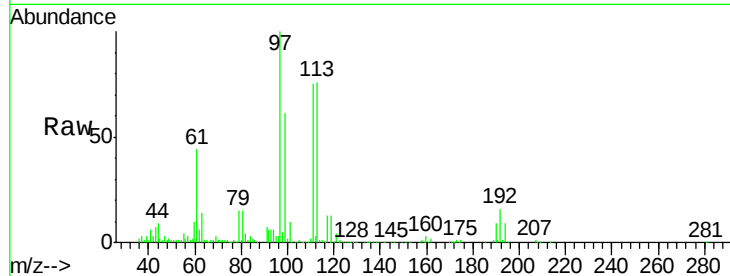
#35
Dibromofluoromethane
Concen: 21.32 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.0	123.0
192	23.3	18.9	28.3

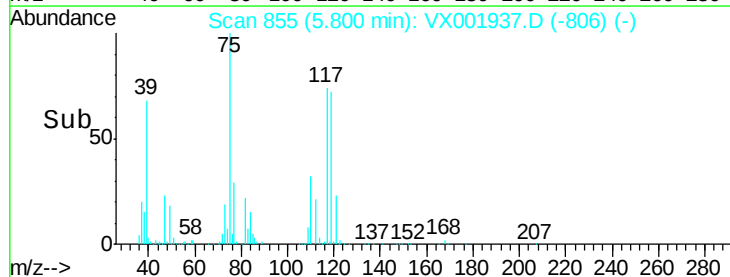
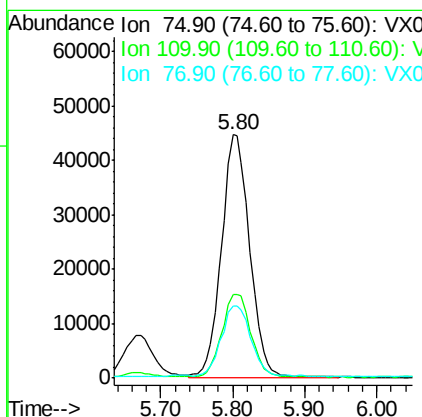
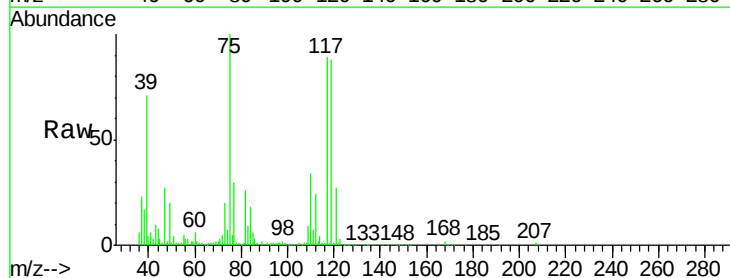
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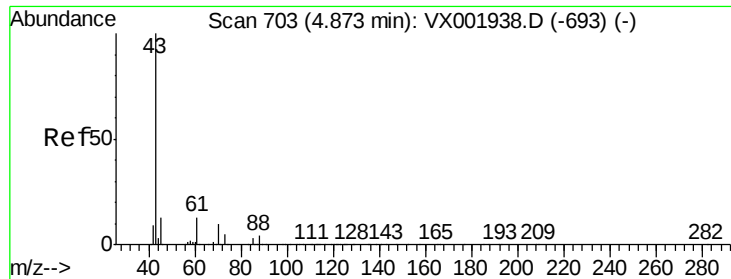
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#36
1,1-Dichloropropene
Concen: 20.14 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.4	52.2
77	29.9	24.4	36.6





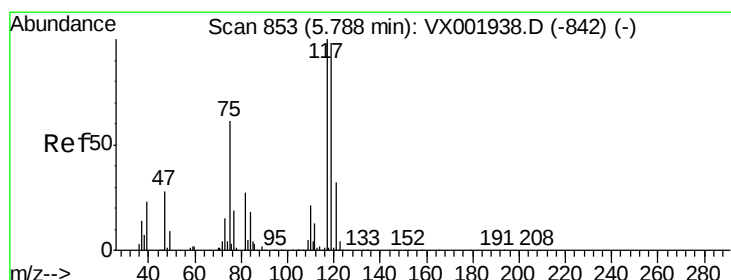
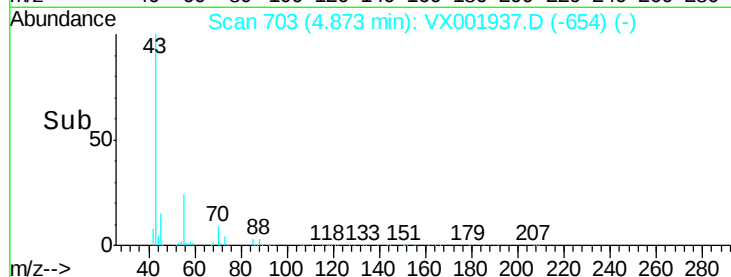
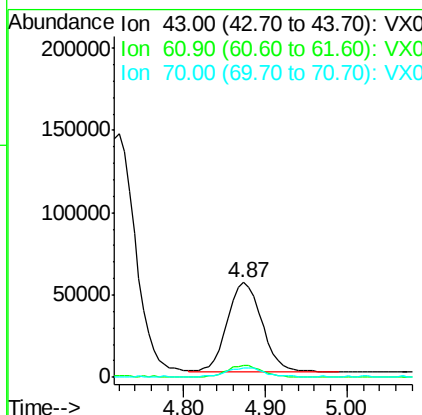
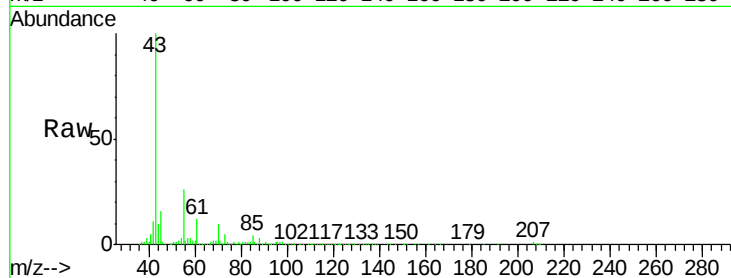
#37
Ethyl Acetate
Concen: 20.26 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.2	15.2
70	10.6	7.8	11.8

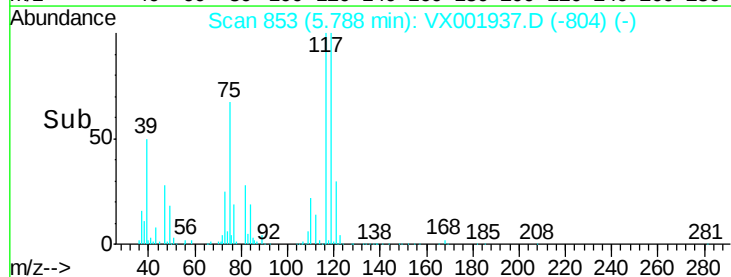
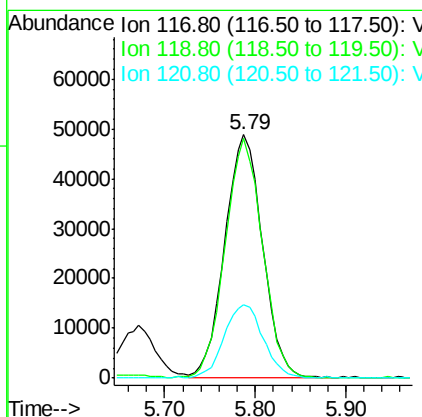
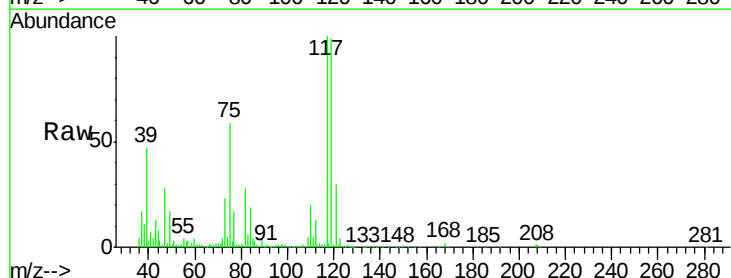
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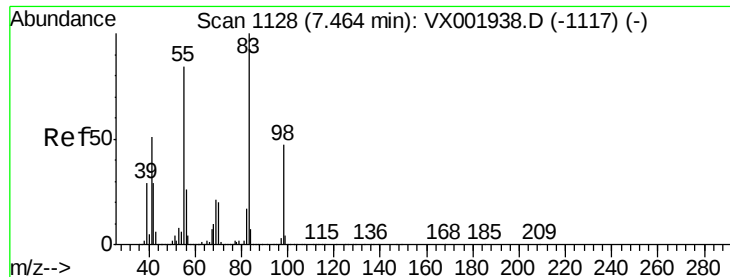
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#38
Carbon Tetrachloride
Concen: 20.00 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.5	117.7
121	30.3	25.5	38.3





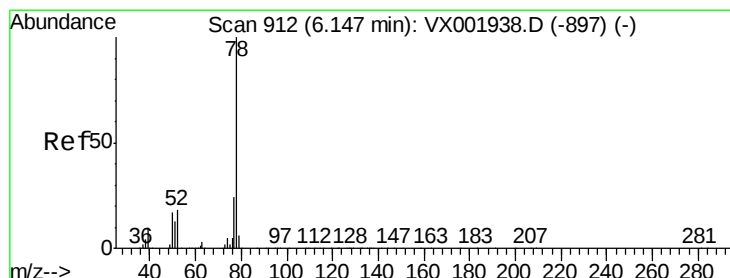
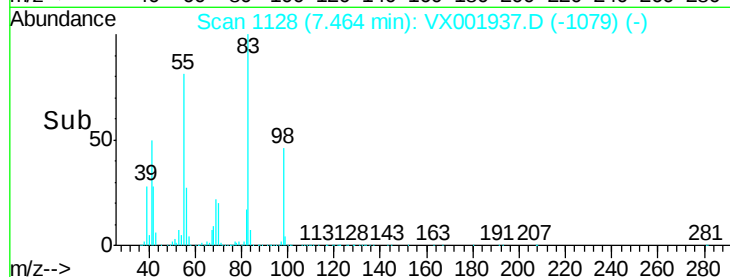
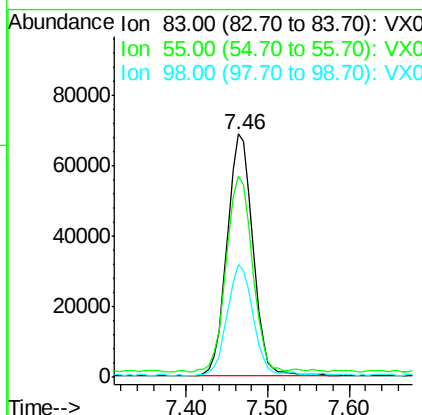
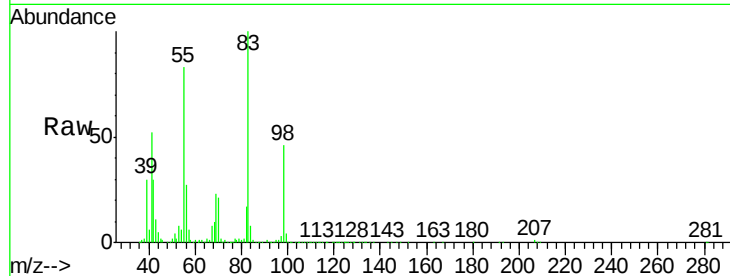
#39
Methvlcvclohexane
Concen: 20.35 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	67.3	100.9
98	45.8	37.5	56.3

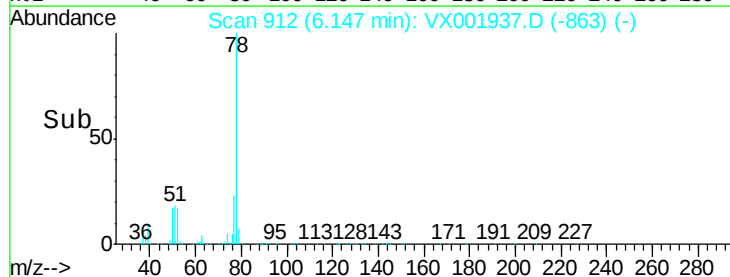
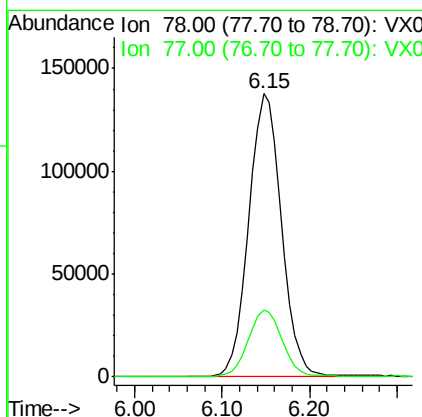
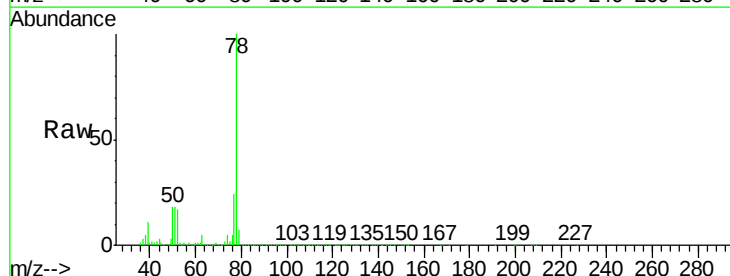
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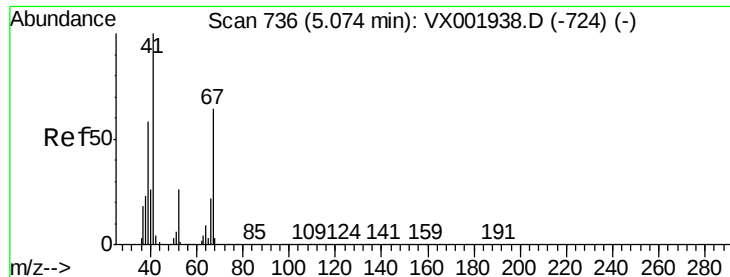
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#40
Benzene
Concen: 20.02 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





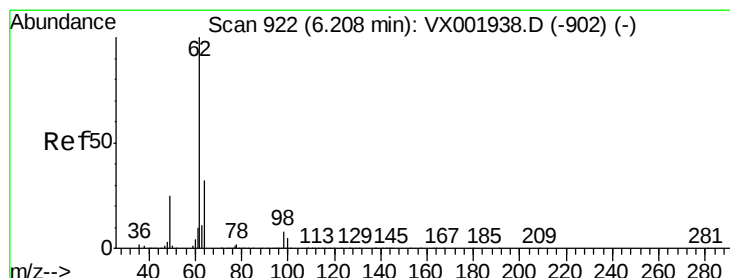
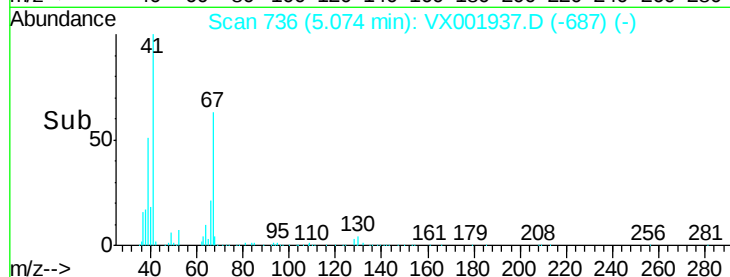
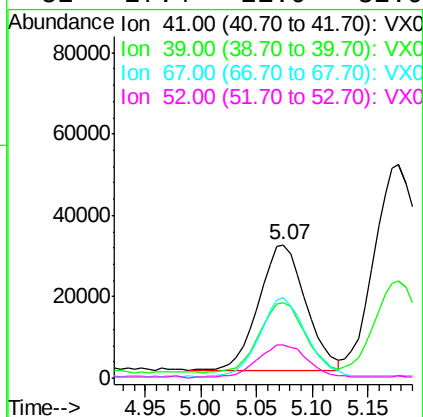
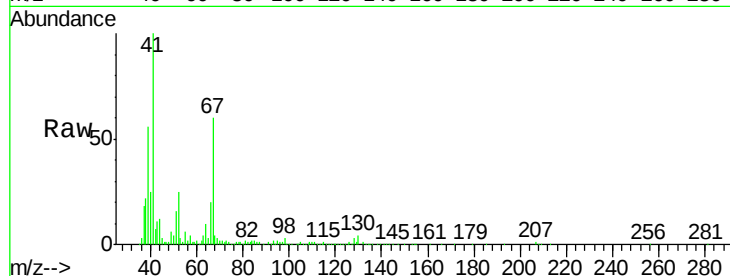
#41
Methacrylonitrile
Concen: 20.68 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	46.0	69.0	
67	61.3	50.6	75.8	
52	27.4	21.9	32.9	

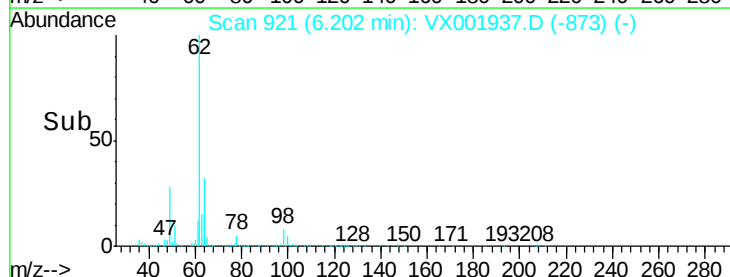
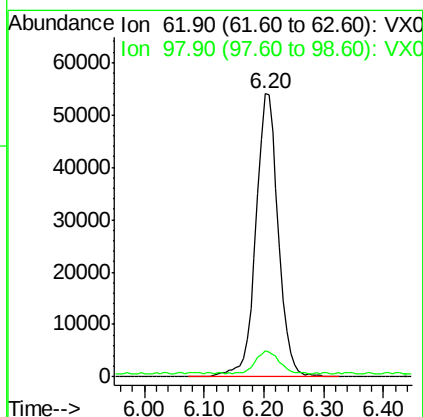
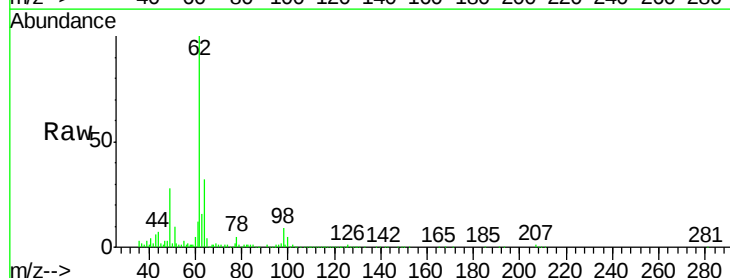
Manual Integrations
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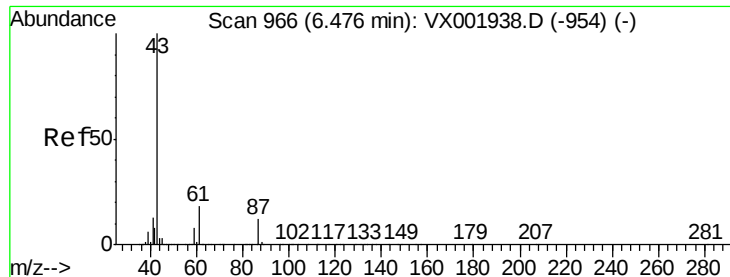
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#42
1,2-Dichloroethane
Concen: 20.06 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	17.0	





#43

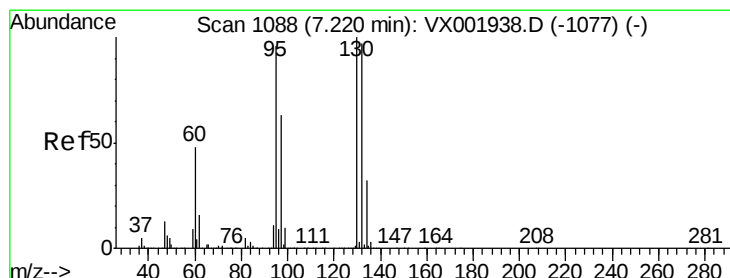
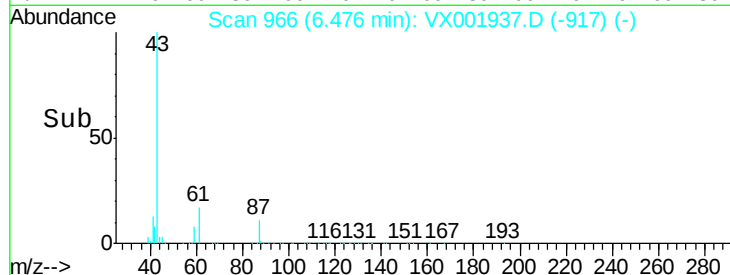
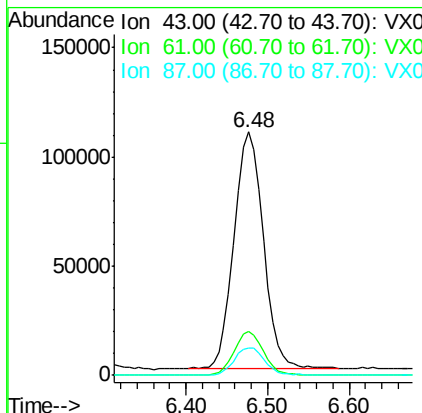
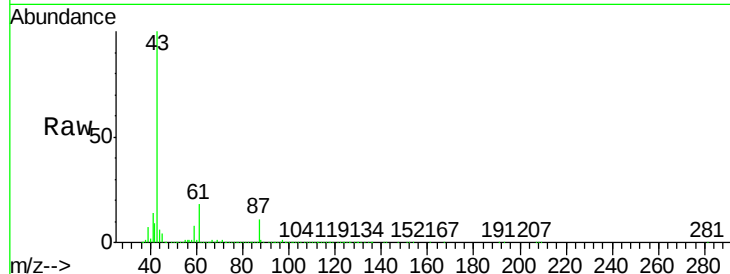
Isopropyl Acetate
 Concen: 20.39 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.5	21.7
87	11.6	9.5	14.3

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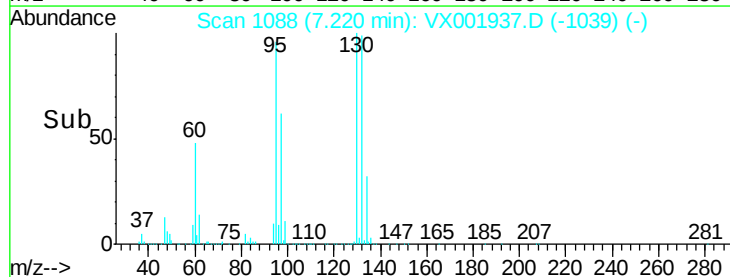
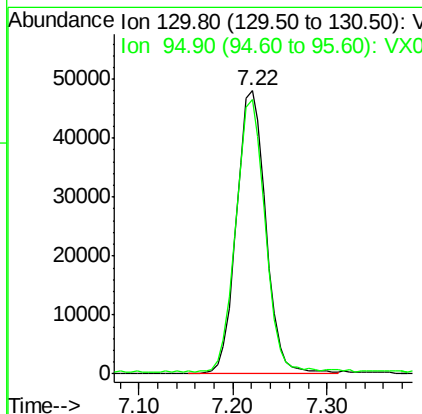
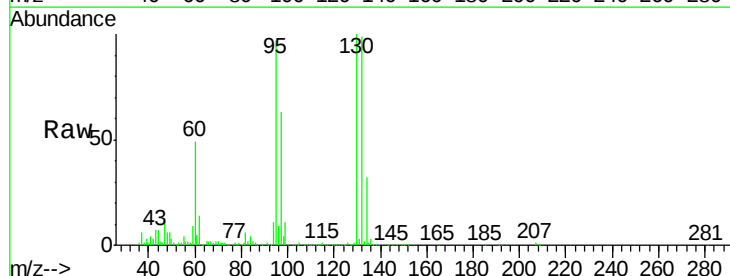
MMDadoda
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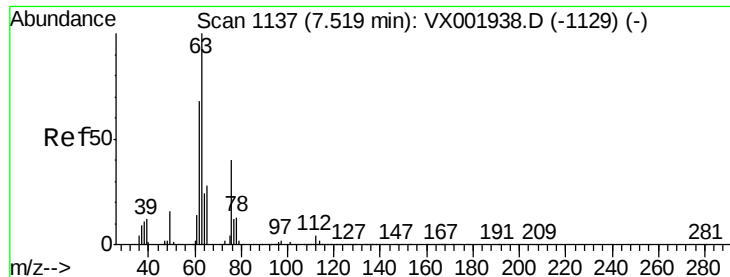


#44

Trichloroethene
 Concen: 20.23 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 20.87 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 63 Resp: 99529

Ion Ratio Lower Upper

63 100

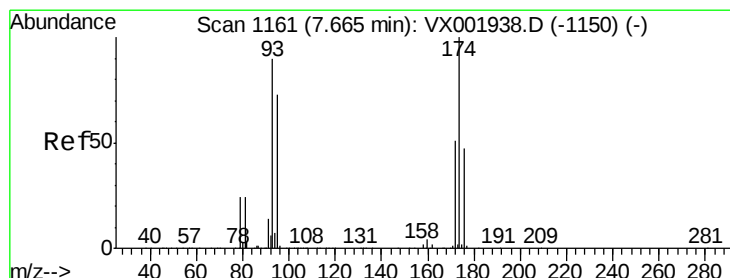
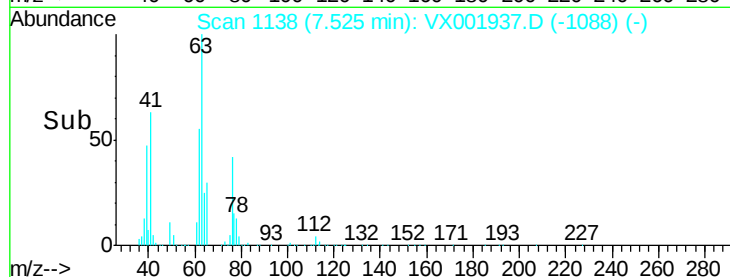
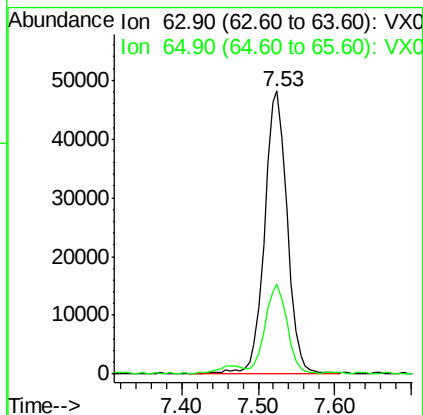
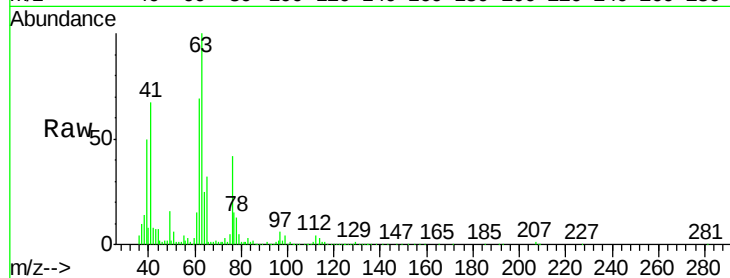
65 31.5 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 20.21 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

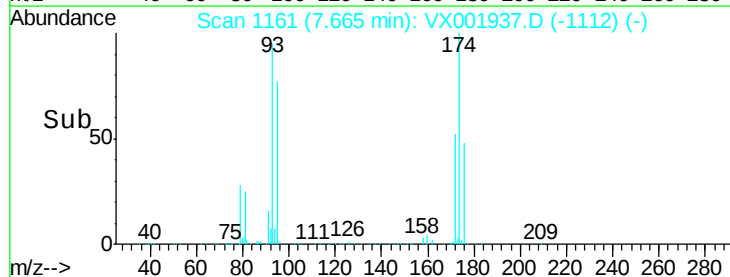
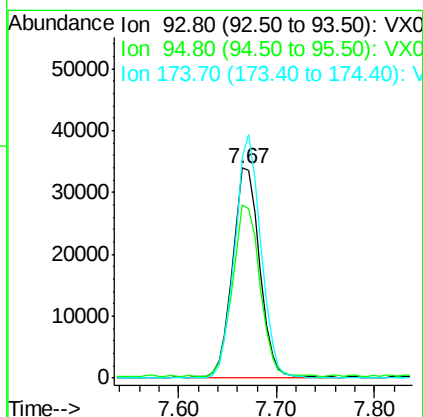
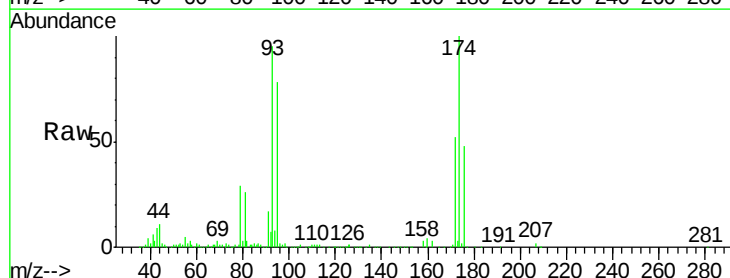
Tgt Ion: 93 Resp: 65044

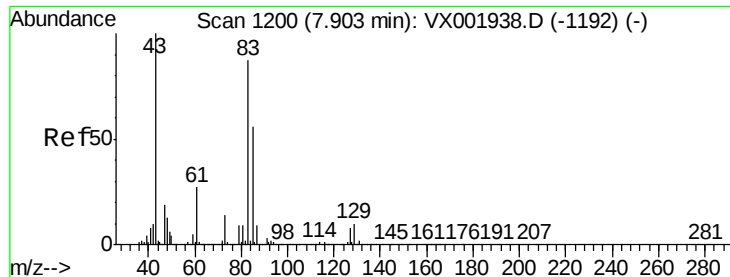
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 112.4 92.5 138.7





#47

Bromodichloromethane

Concen: 19.96 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

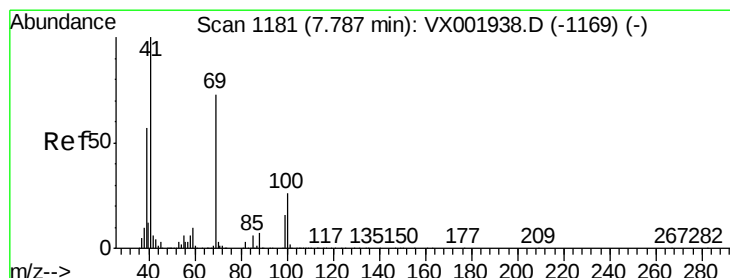
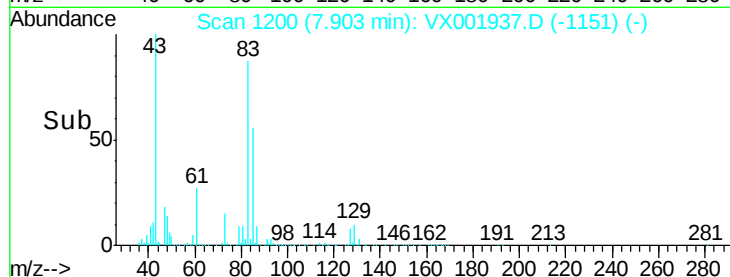
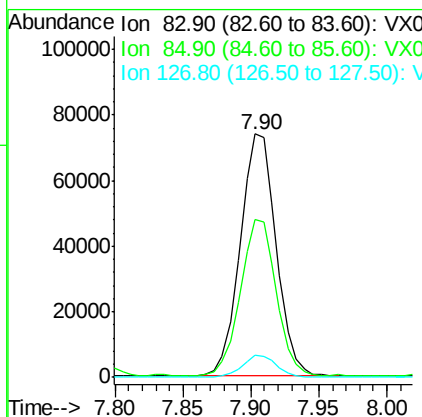
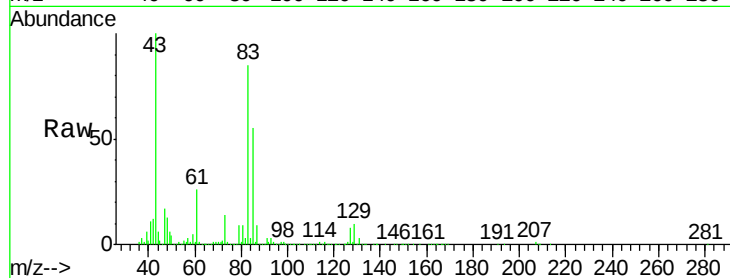
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	135047
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2
127	9.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.06 ug/l

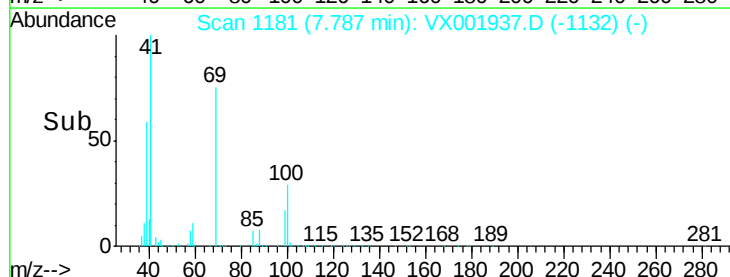
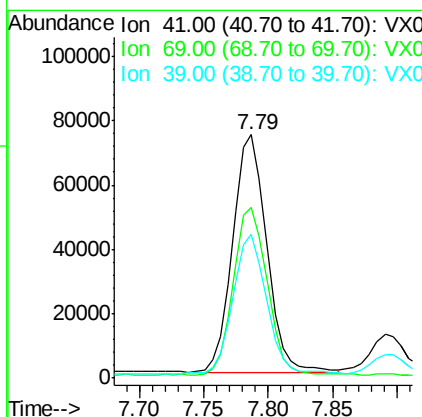
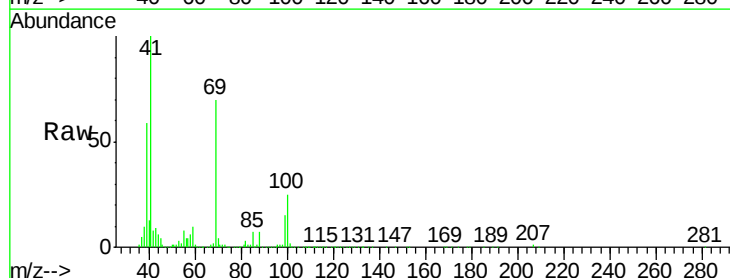
RT: 7.79 min Scan# 1181

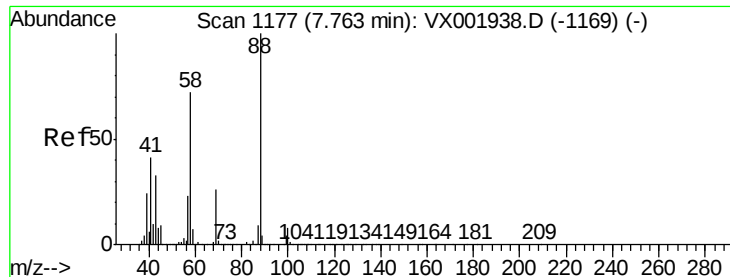
Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Tgt Ion:	41	Resp:	135205
Ion	Ratio	Lower	Upper
41	100		
69	70.7	58.6	87.8
39	59.0	46.3	69.5





#49

1,4-Dioxane

Concen: 397.34 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

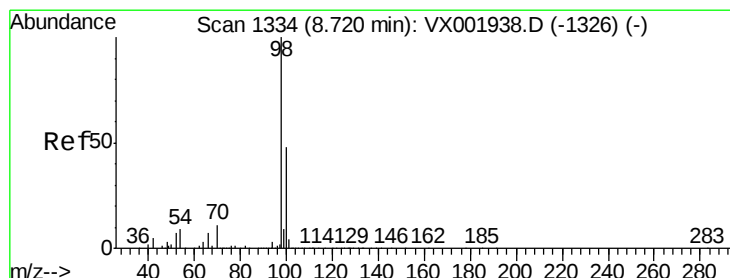
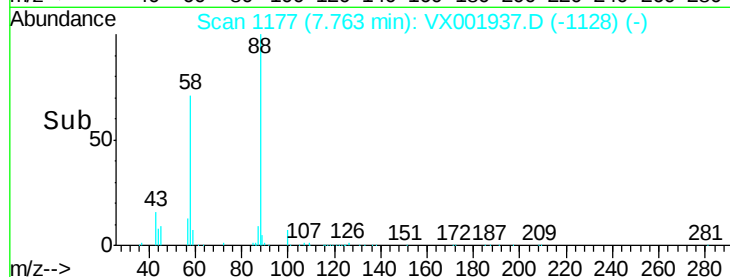
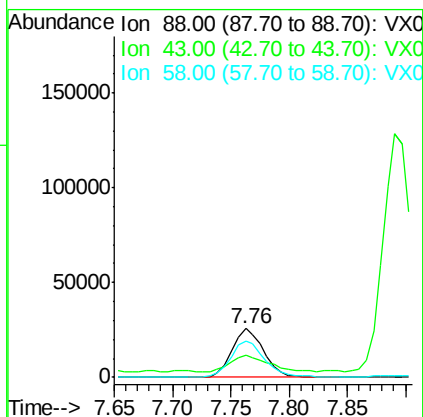
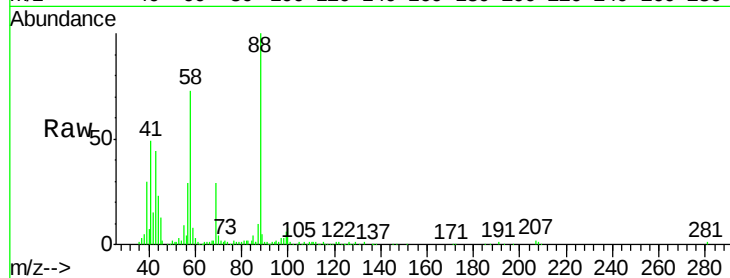
ClientSampleId :

VSTDIC020

Tot Ion:	88	Resp:	48277
Ion	Ratio	Lower	Upper
88	100		
43	38.4	29.8	44.8
58	76.3	58.7	88.1

Manual Integrations
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#50

Toluene-d8

Concen: 20.90 ug/l

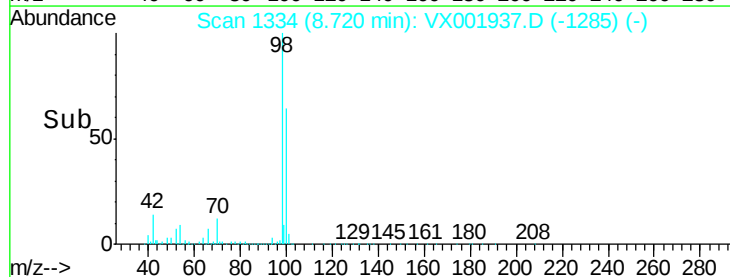
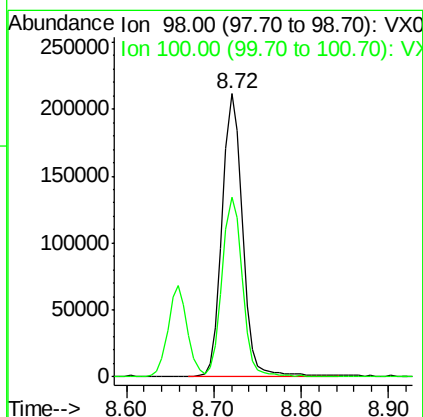
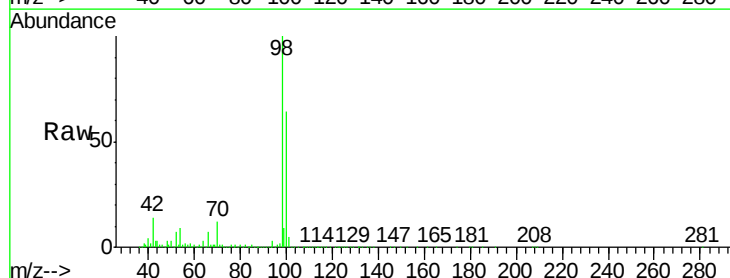
RT: 8.72 min Scan# 1334

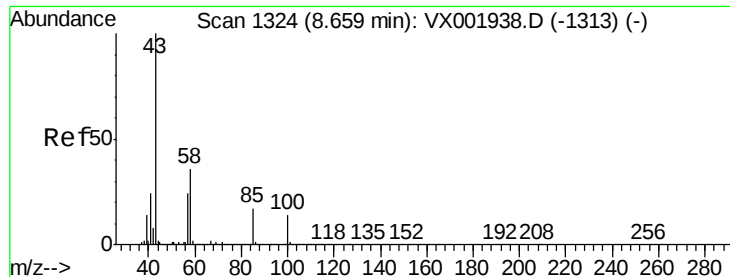
Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Tgt Ion:	98	Resp:	339304
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 102.20 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 824431

Ion Ratio Lower Upper

43 100

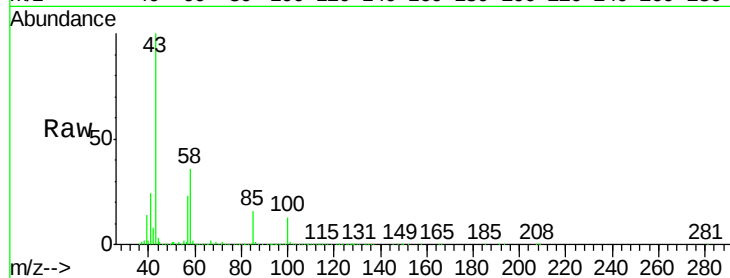
58 35.2 28.5 42.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

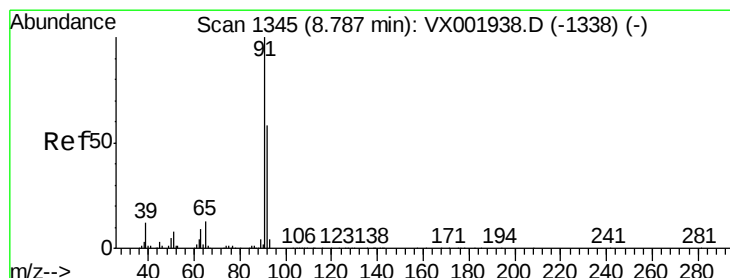
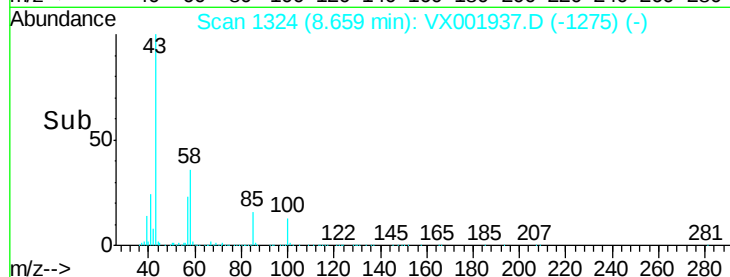
200000

100000

0

8.50 8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 20.03 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX001937.D

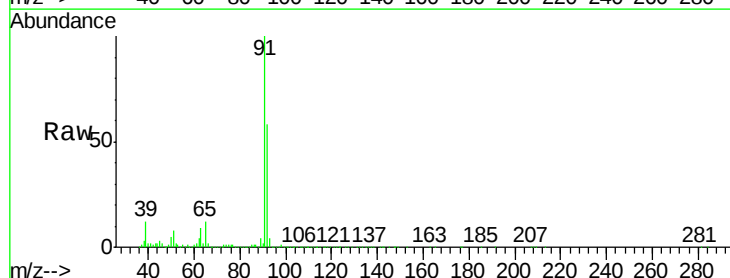
Acq: 24 May 2018 11:19

Tgt Ion: 92 Resp: 226447

Ion Ratio Lower Upper

92 100

91 173.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

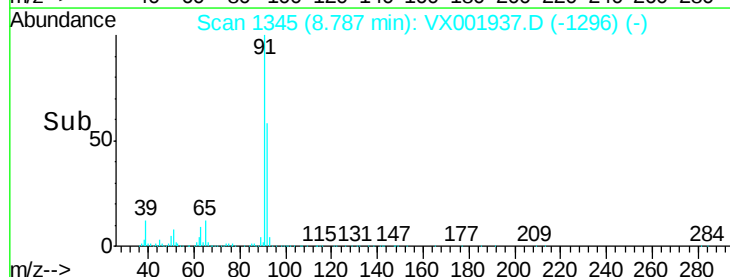
100000

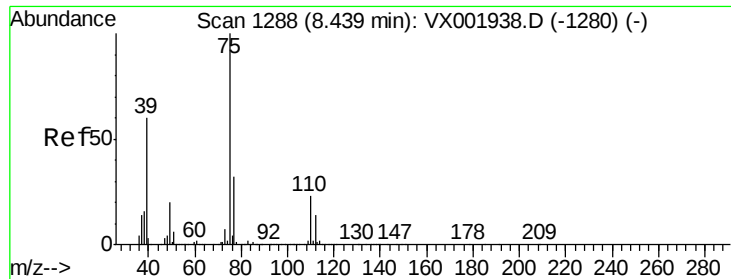
50000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.04 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 160166

Ion Ratio Lower Upper

75 100

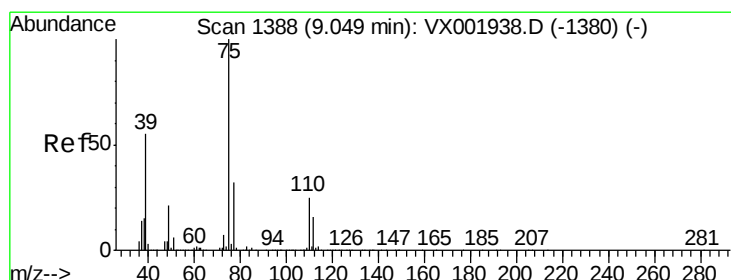
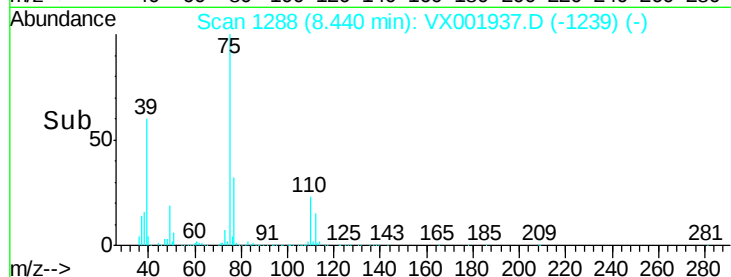
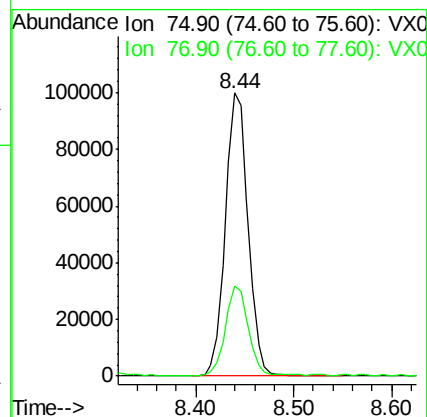
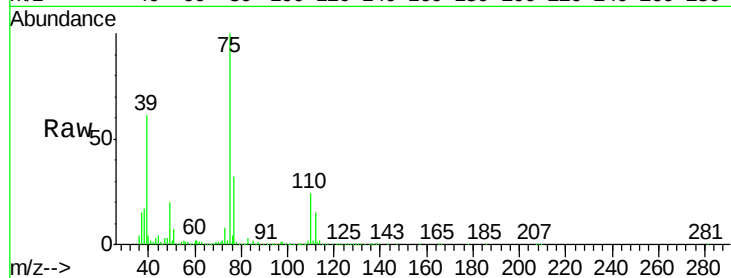
77 31.6 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.74 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

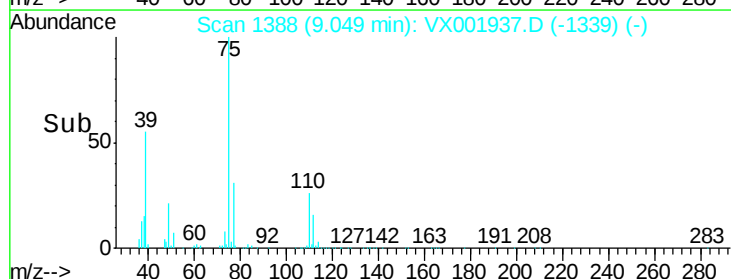
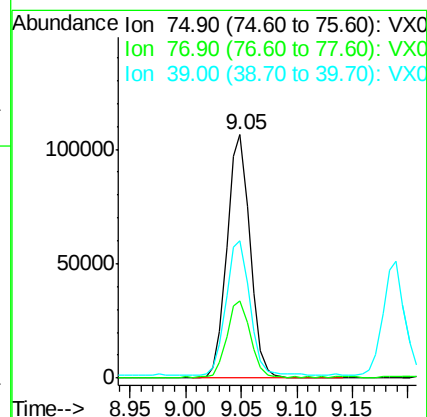
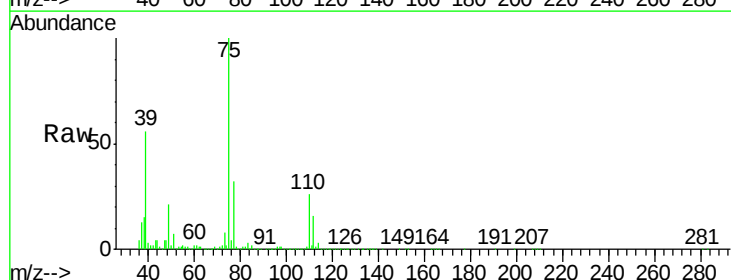
Tgt Ion: 75 Resp: 152548

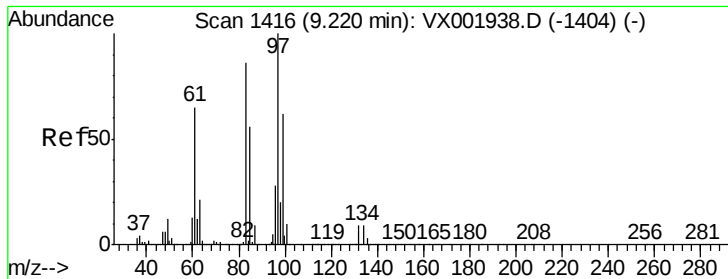
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 55.2 44.1 66.1





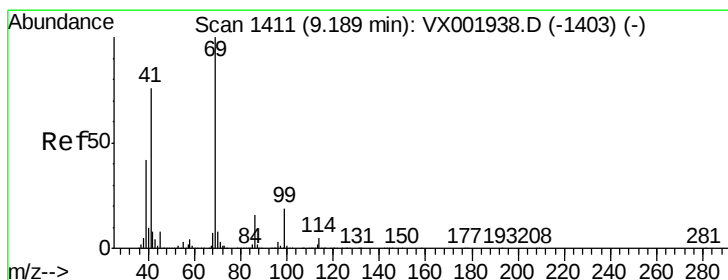
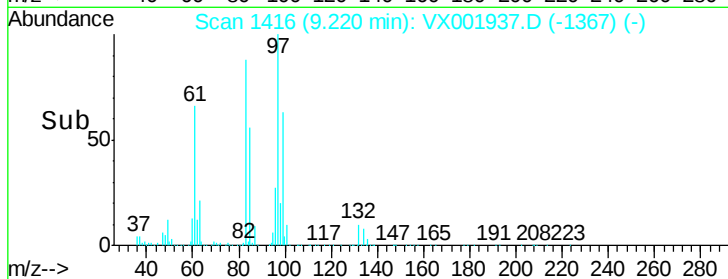
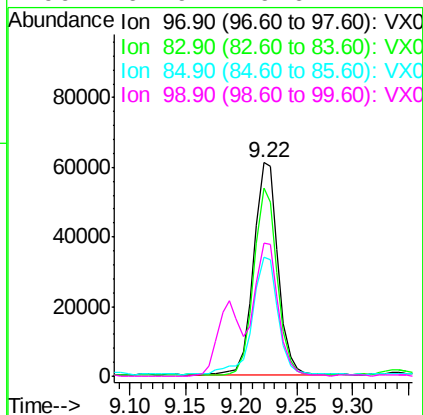
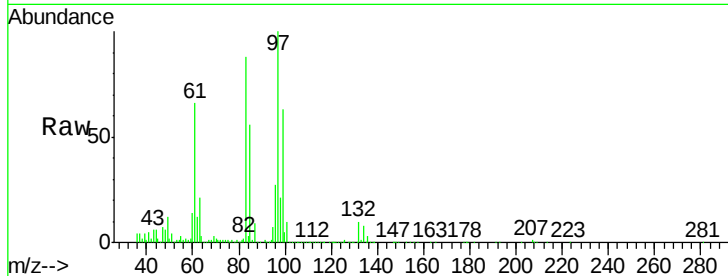
#55
 1,1,2-Trichloroethane
 Concen: 20.06 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	92894
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.1	103.7
85	55.4	45.2	67.8
99	62.9	49.6	74.4

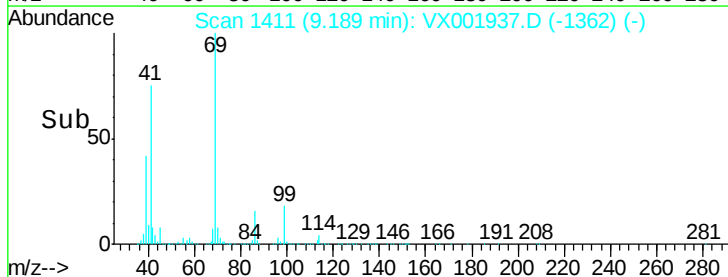
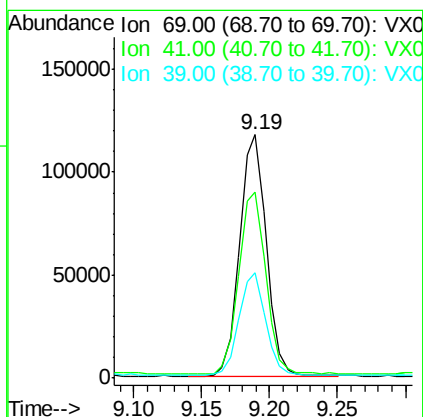
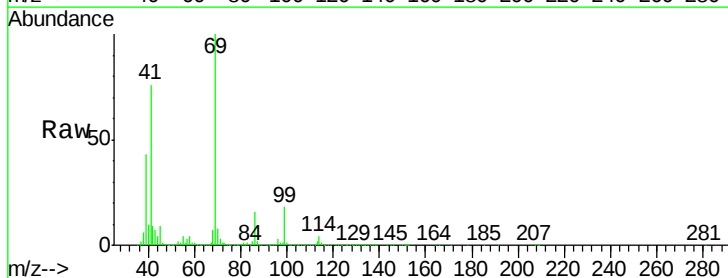
Manual Integrations
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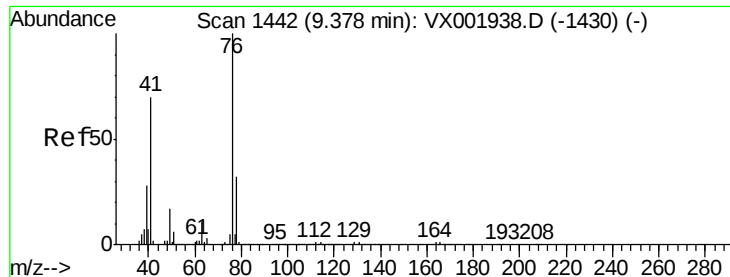
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#56
 Ethyl methacrylate
 Concen: 20.19 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Tgt Ion:	69	Resp:	161030
Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.0	91.6
39	42.7	34.4	51.6





#57

1,3-Dichloropropane

Concen: 20.28 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 157469

Ion Ratio Lower Upper

76 100

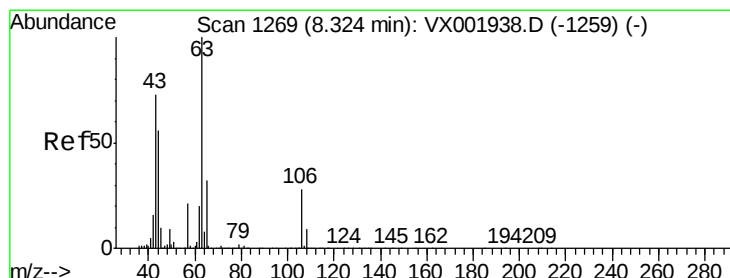
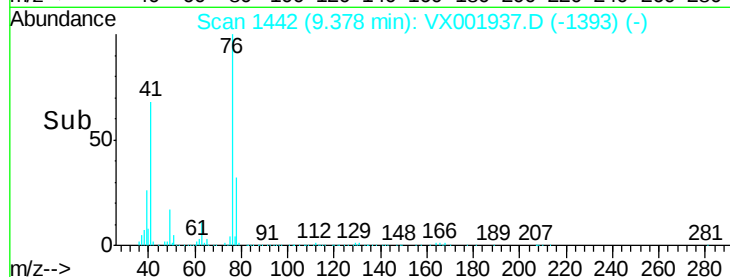
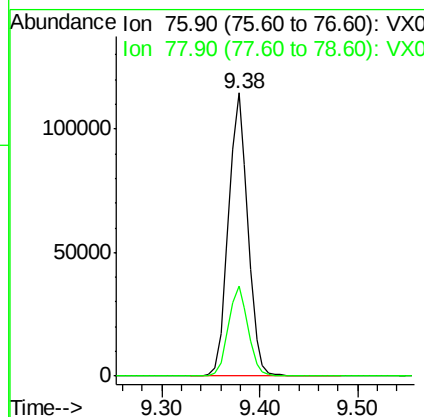
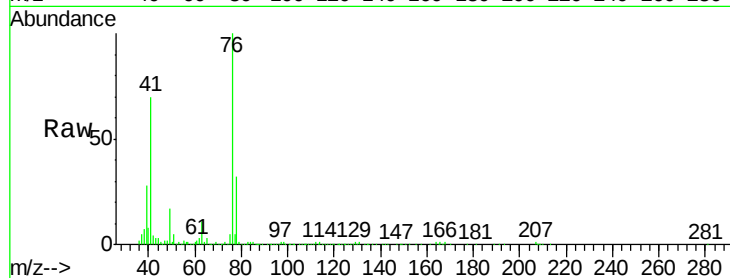
78 32.2 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 104.80 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001937.D

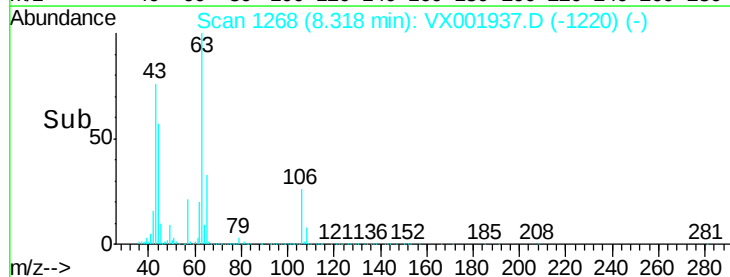
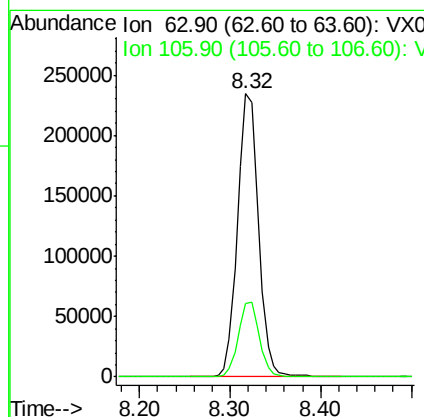
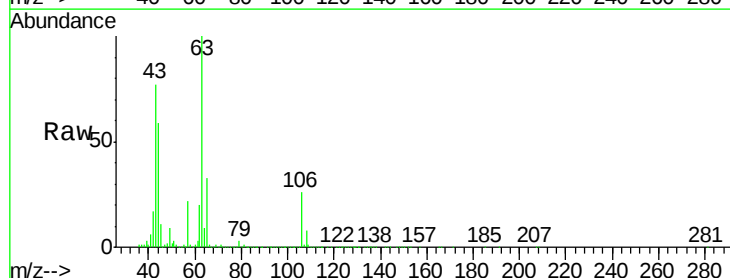
Acq: 24 May 2018 11:19

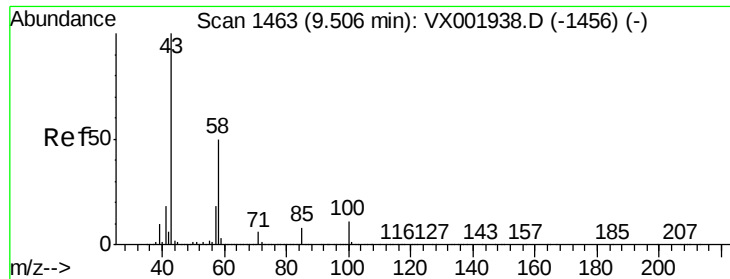
Tgt Ion: 63 Resp: 376848

Ion Ratio Lower Upper

63 100

106 26.6 21.7 32.5





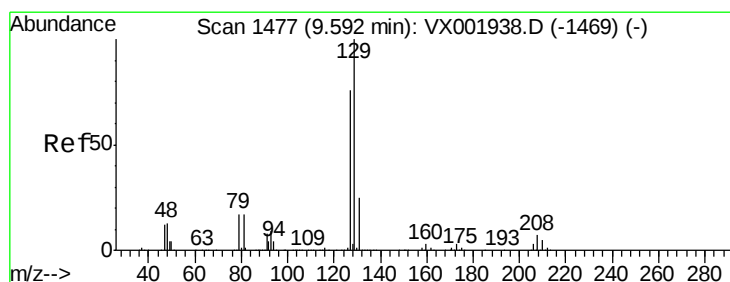
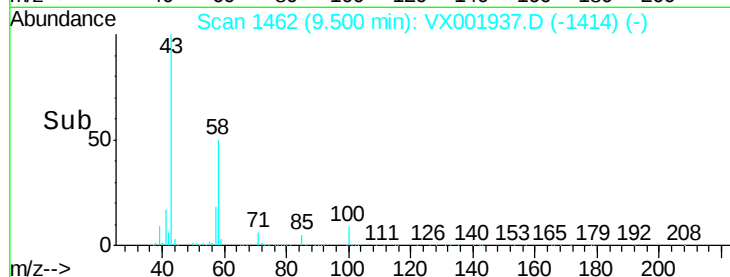
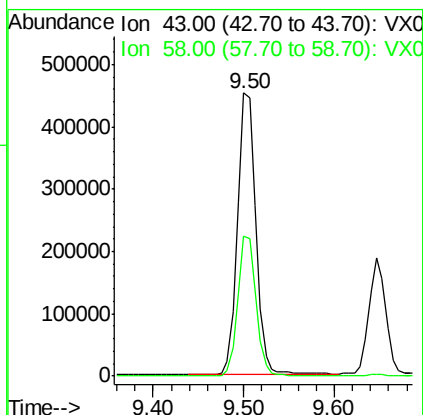
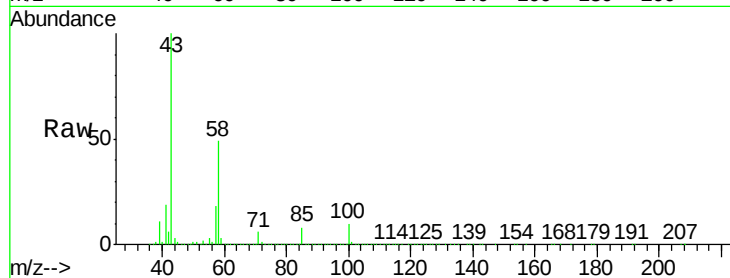
#59
2-Hexanone
Concen: 101.66 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 634683
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6

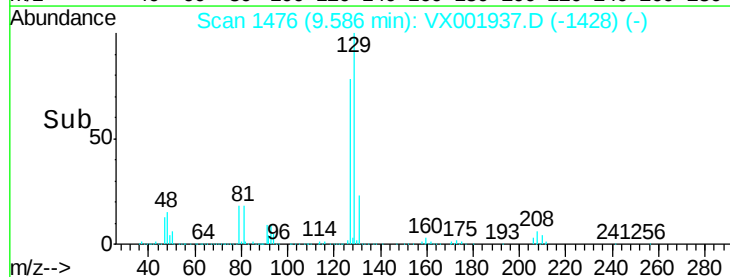
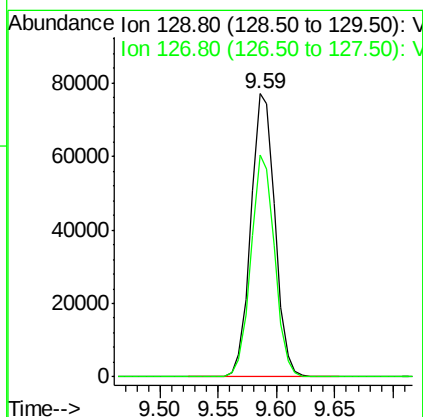
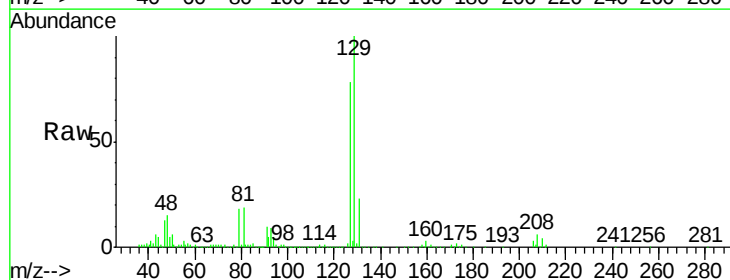
Manual Integrations
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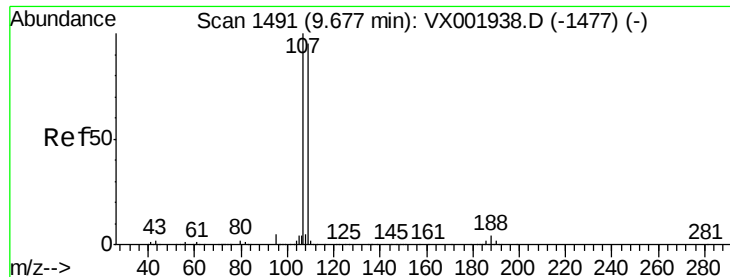
MMDadoda
5/25/2018 2:25:51 PM



#60
Dibromochloromethane
Concen: 19.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion: 129 Resp: 111184
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 99030

Ion Ratio Lower Upper

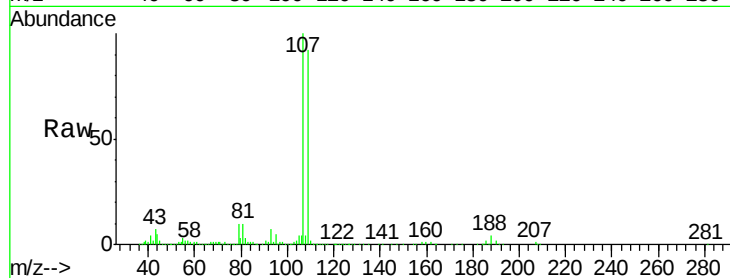
107 100

109 93.8 75.3 112.9

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

80000

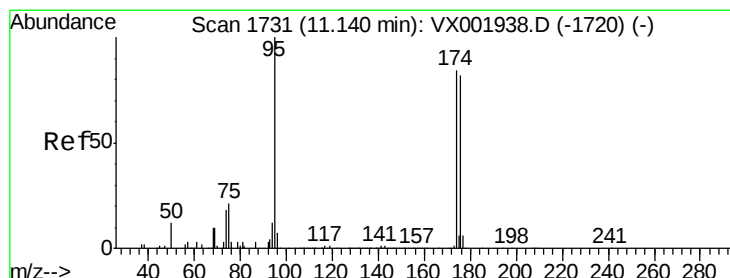
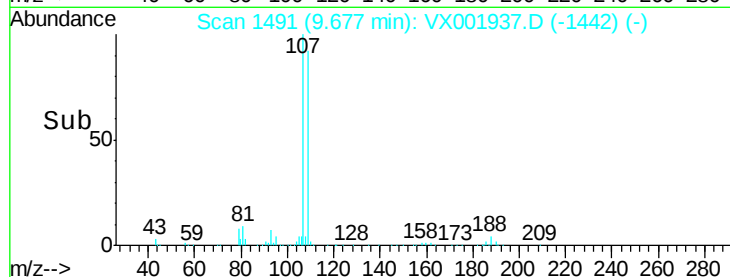
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 20.12 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

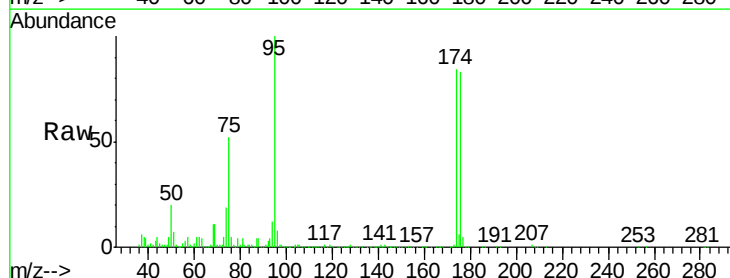
Tgt Ion: 95 Resp: 127841

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.8

176 88.1 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

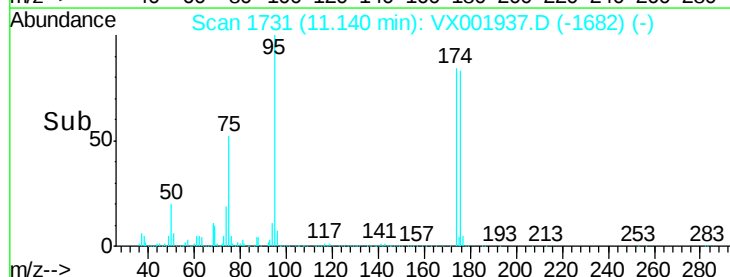
11.14

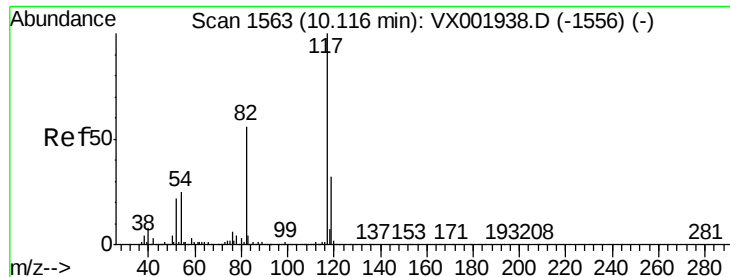
100000

50000

0

Time--> 11.10 11.15 11.20





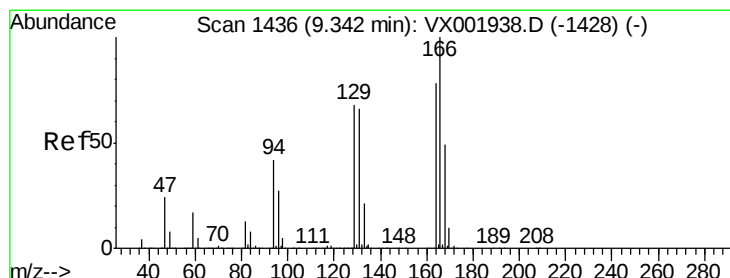
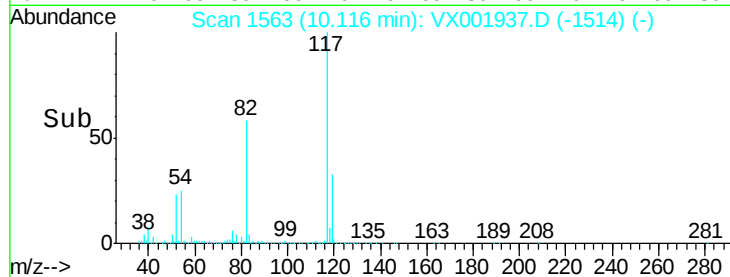
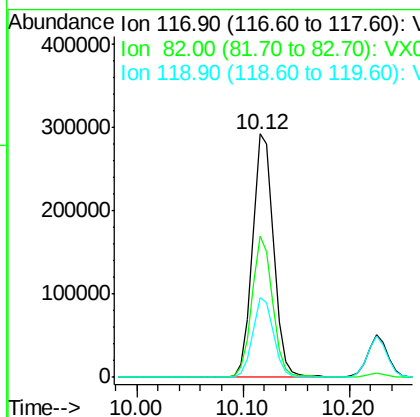
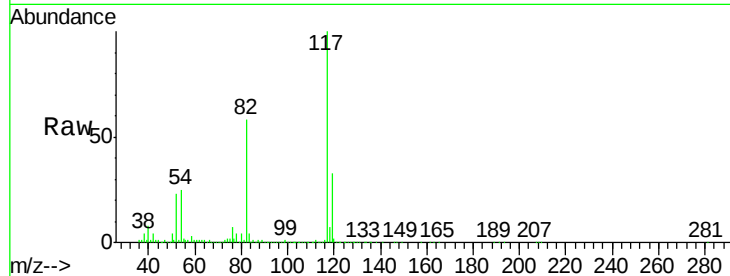
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	408146		
82	57.6	44.8	67.2	
119	32.5	25.5	38.3	

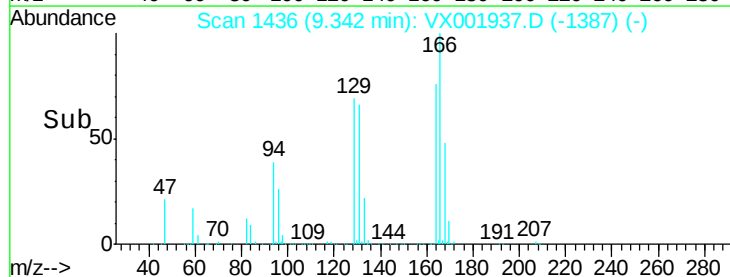
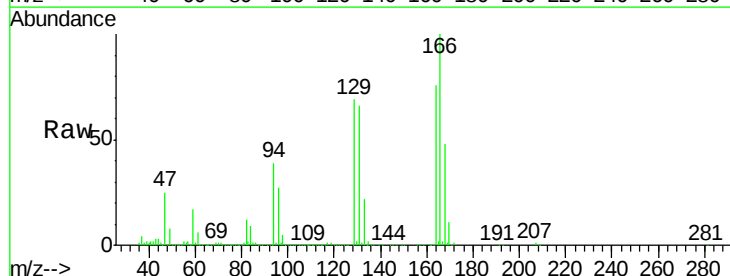
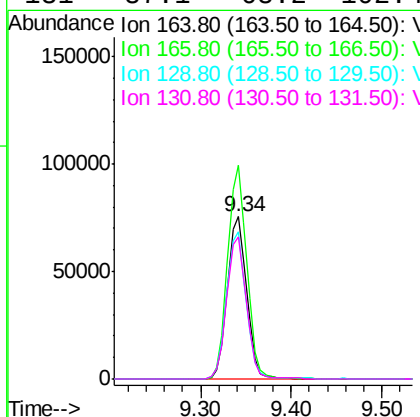
Manual Integrations
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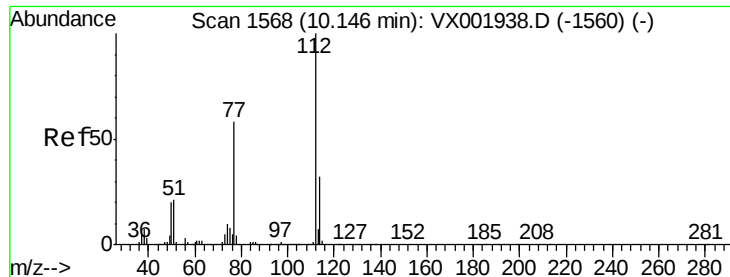
MMDadoda
5/25/2018 2:25:51 PM



#64
Tetrachloroethene
Concen: 19.96 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	112112		
166	131.4	102.7	154.1	
129	90.1	70.3	105.5	
131	87.1	68.2	102.4	





#65

Chlorobenzene

Concen: 20.01 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 248598

Ion Ratio Lower Upper

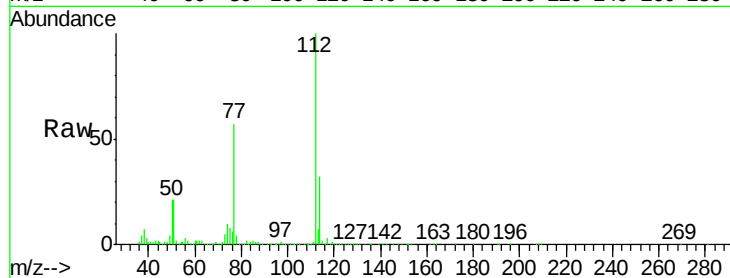
112 100

114 31.6 25.9 38.9

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

200000

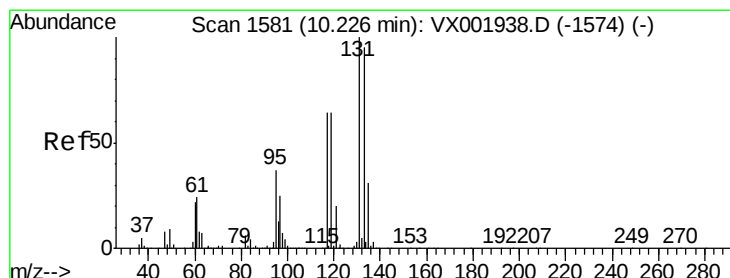
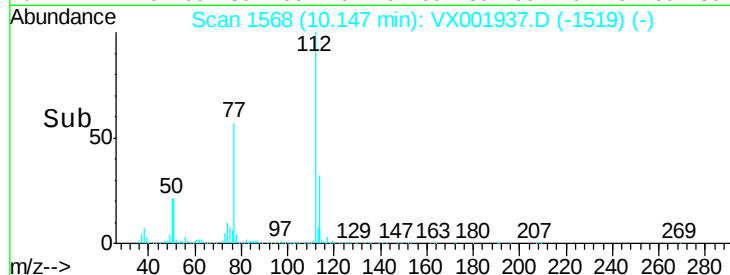
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.39 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

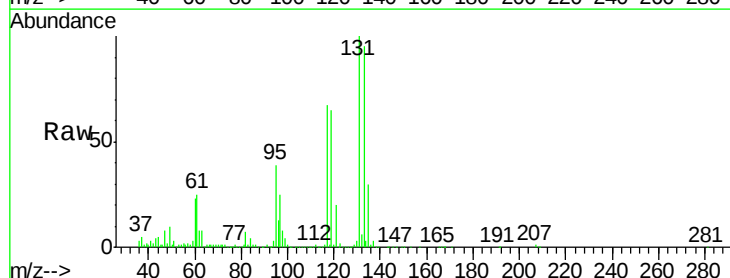
Tgt Ion:131 Resp: 101550

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

119 63.2 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

100000

80000

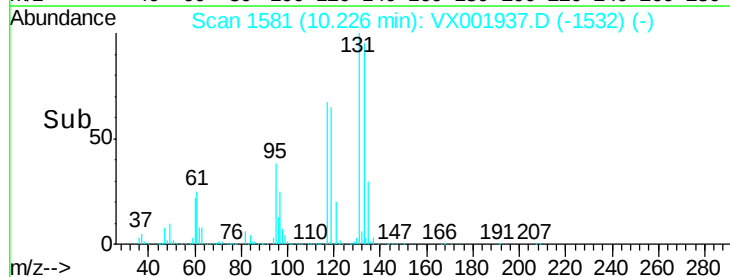
60000

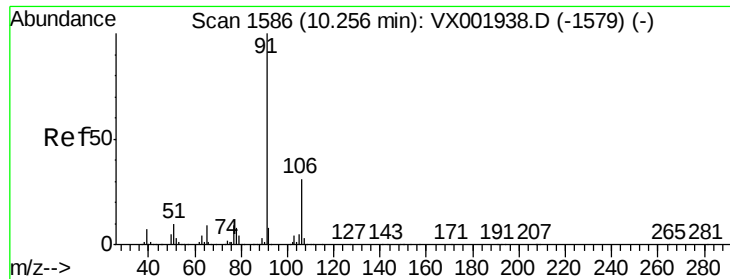
40000

20000

0

Time-->





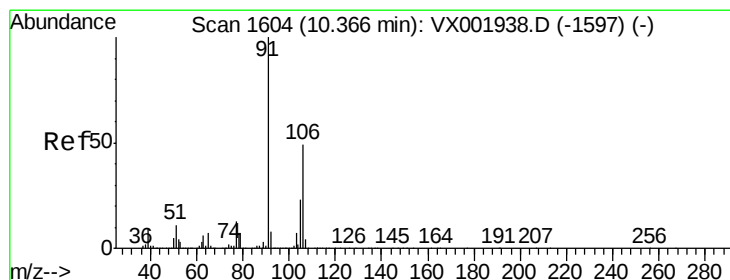
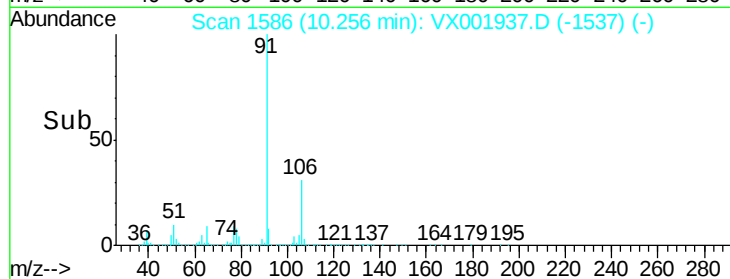
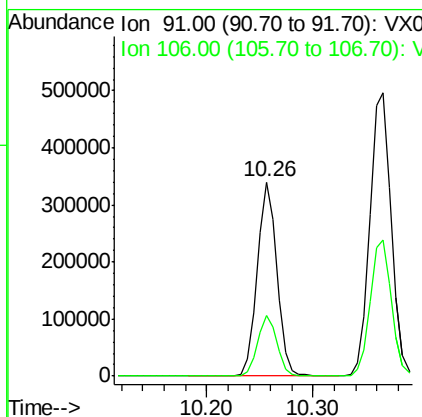
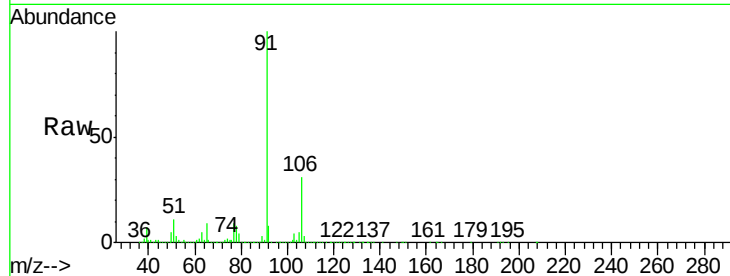
#67
Ethyl Benzene
Concen: 20.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion: 91 Resp: 440848
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

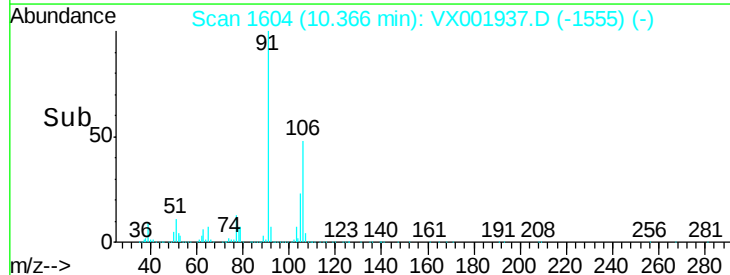
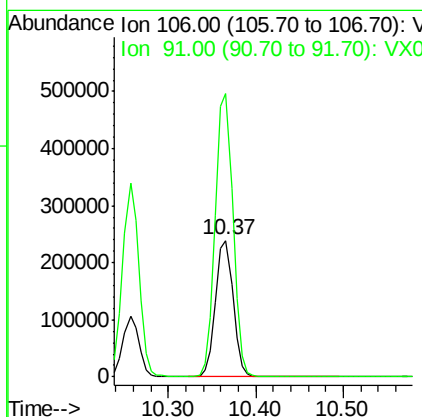
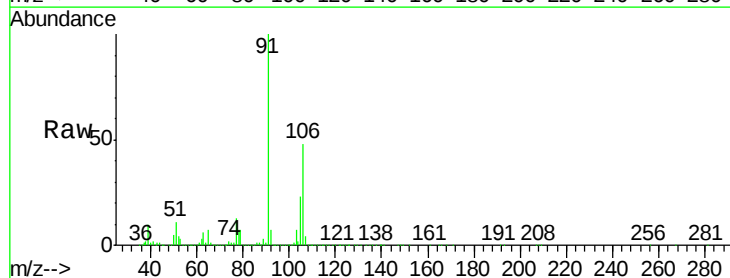
Manual Integrations
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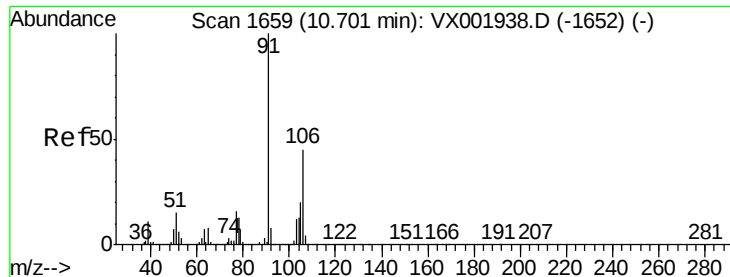
MMDadoda
5/25/2018 2:25:51 PM



#68
m/p-Xylenes
Concen: 40.25 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion: 106 Resp: 334116
Ion Ratio Lower Upper
106 100
91 208.0 165.0 247.6





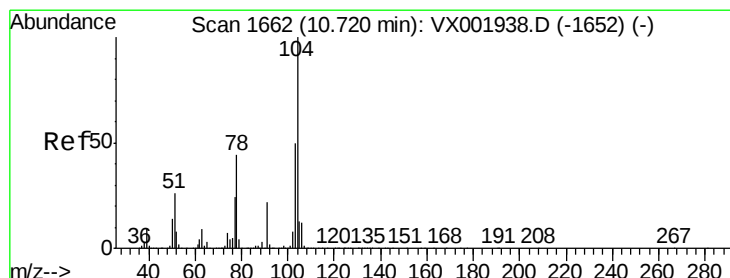
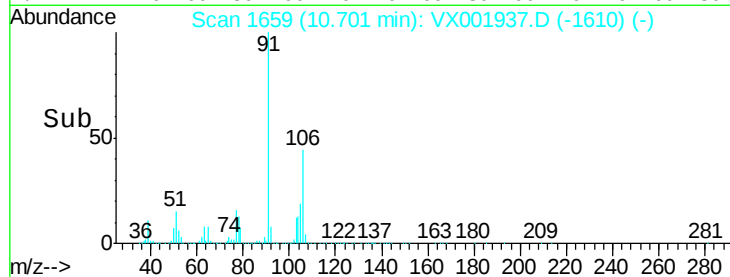
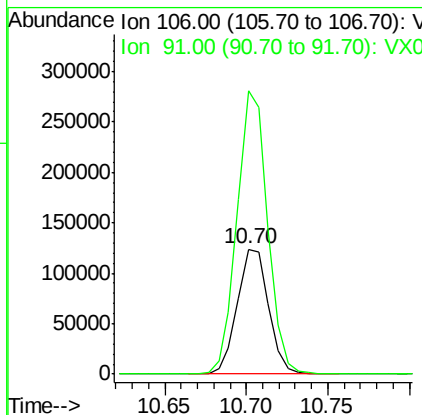
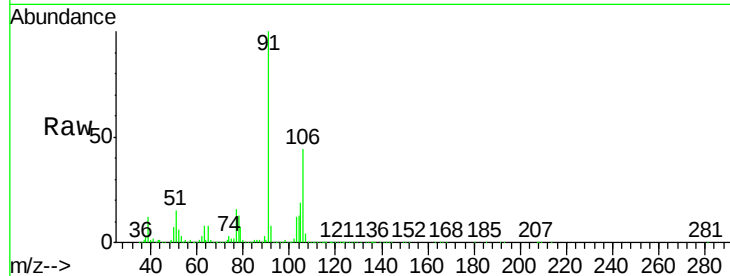
#69
o-Xylene
Concen: 20.18 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 165968
Ion Ratio Lower Upper
106 100
91 220.6 108.7 325.9

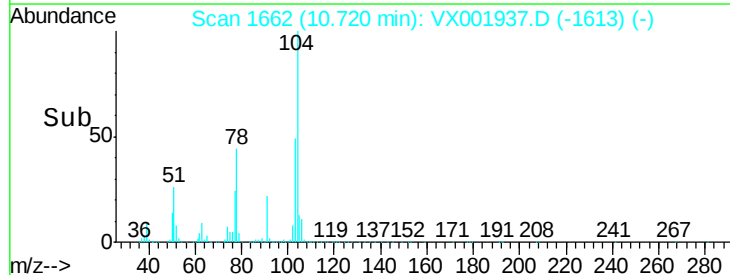
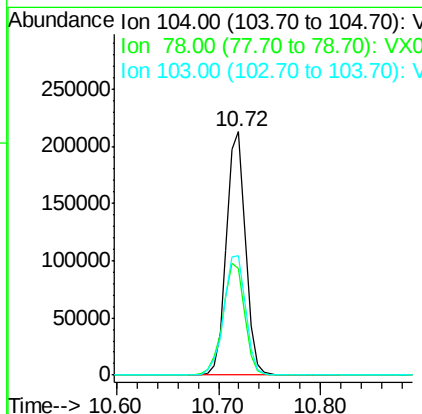
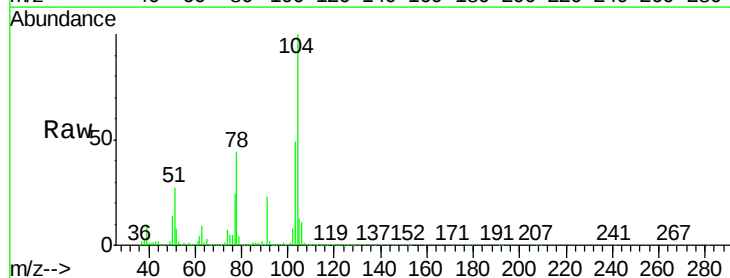
Manual Integrations
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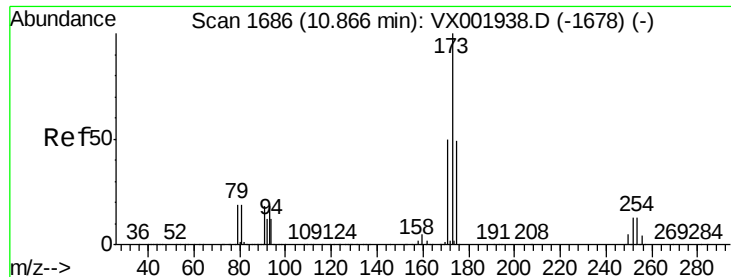
MMDadoda
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#70
Styrene
Concen: 19.89 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion:104 Resp: 274772
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.6
103 56.2 44.6 67.0





#71

Bromoform

Concen: 19.36 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 93823

Ion Ratio Lower Upper

173 100

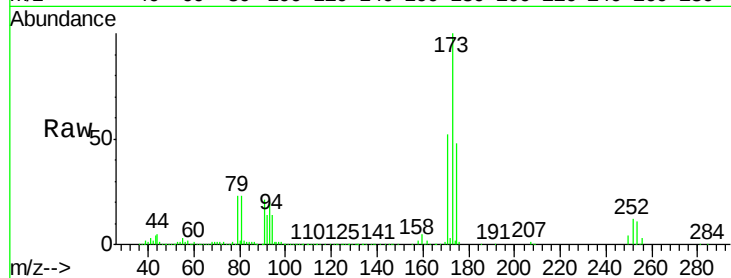
175 49.3 24.3 72.9

254 0.2 0.1 0.1#

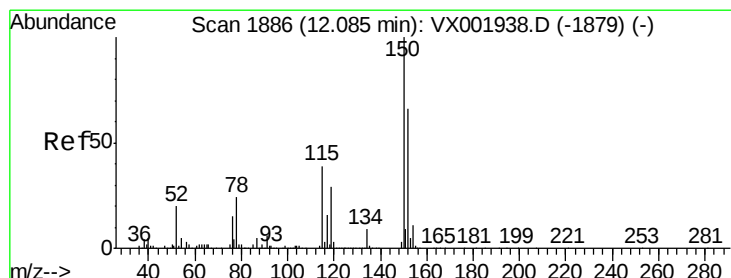
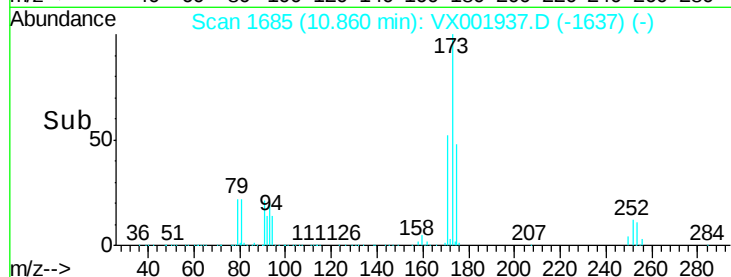
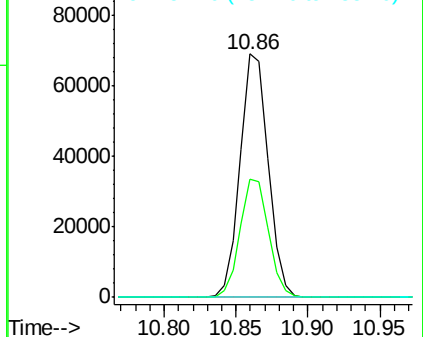
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

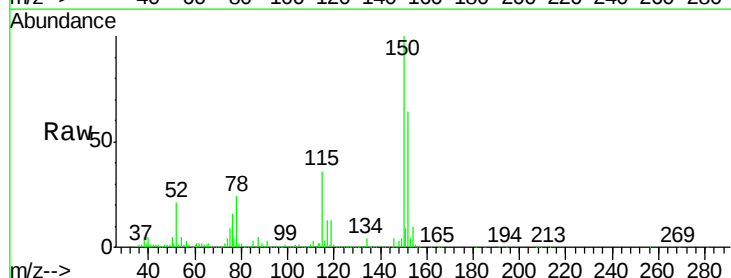
Tgt Ion:152 Resp: 263771

Ion Ratio Lower Upper

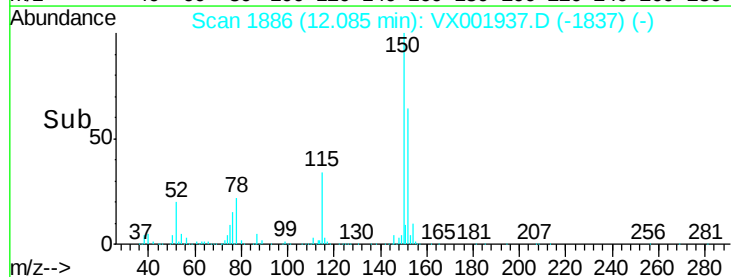
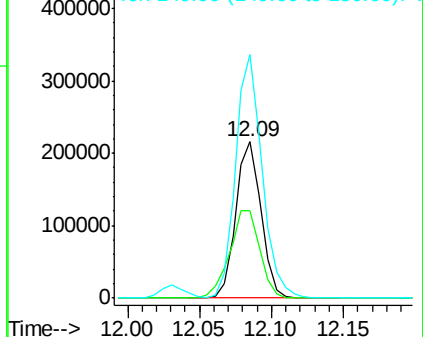
152 100

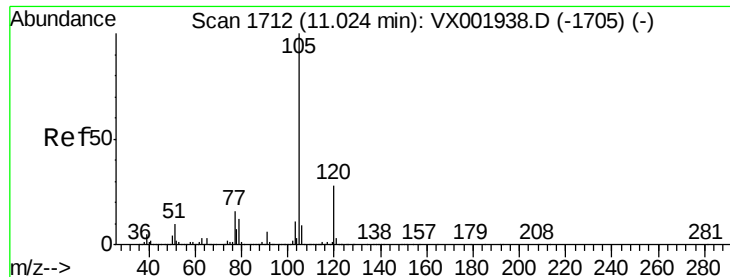
115 67.5 42.3 126.8

150 163.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 445157

Ion Ratio Lower Upper

105 100

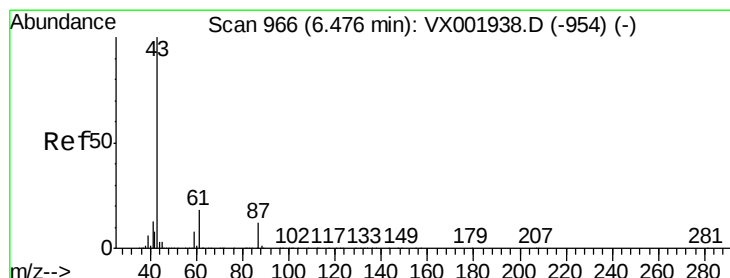
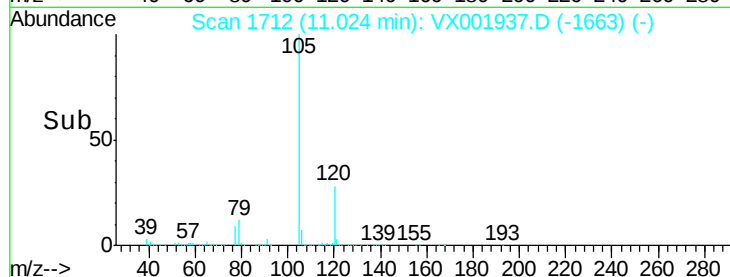
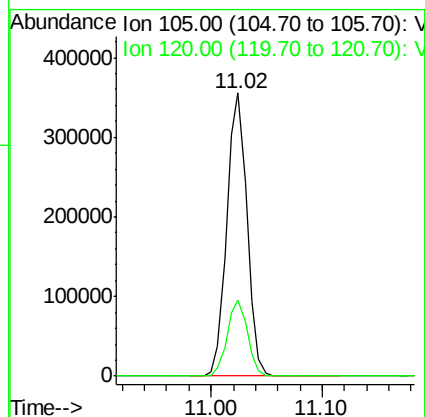
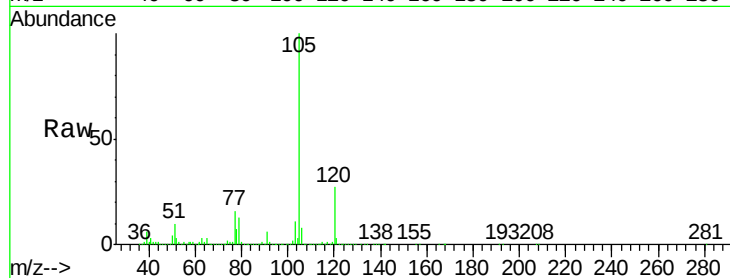
120 26.8 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.71 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Tgt Ion: 43 Resp: 271958

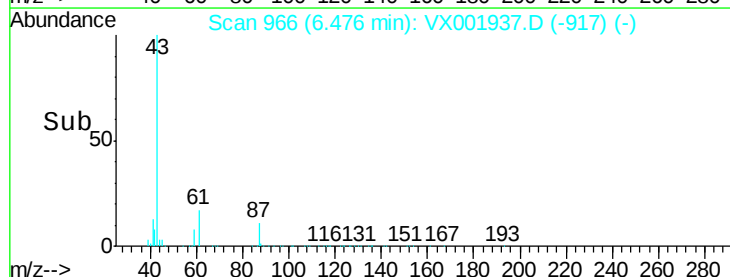
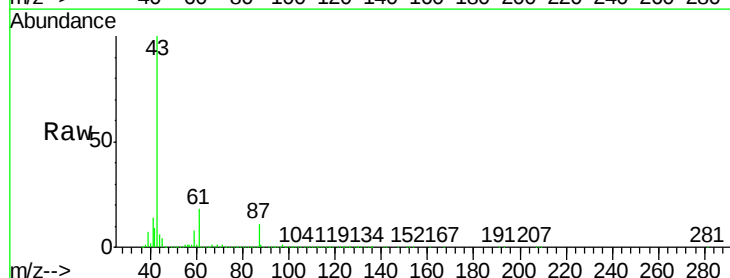
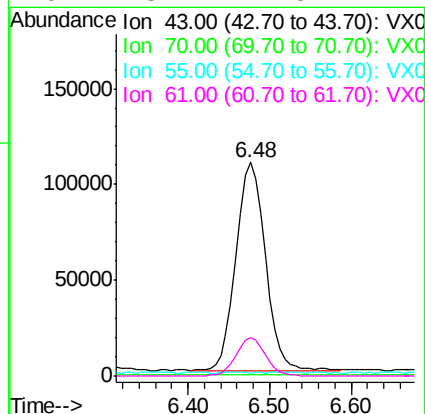
Ion Ratio Lower Upper

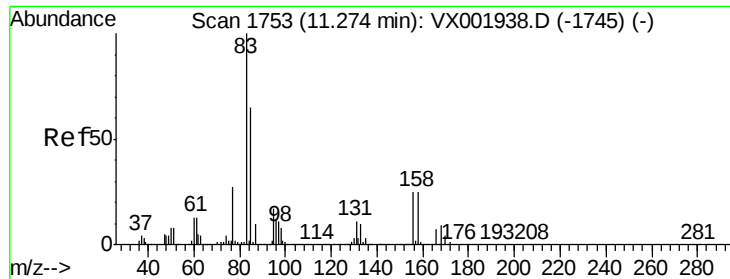
43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 18.1 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 132216

Ion Ratio Lower Upper

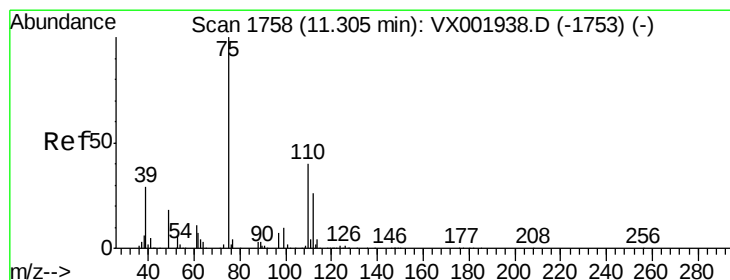
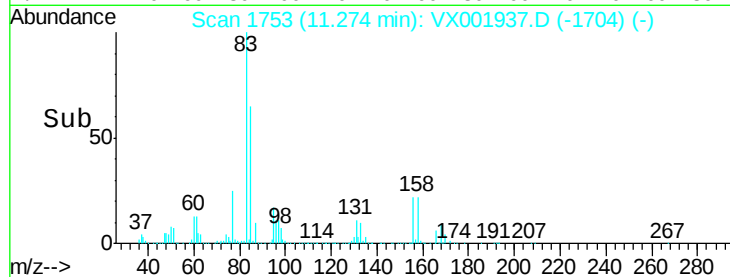
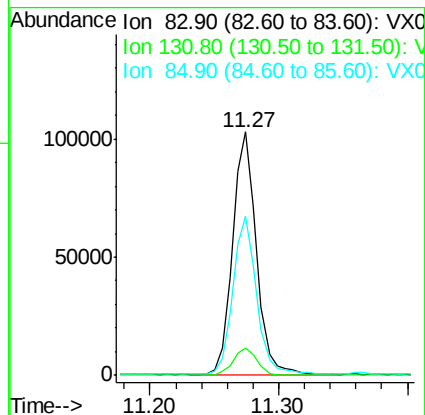
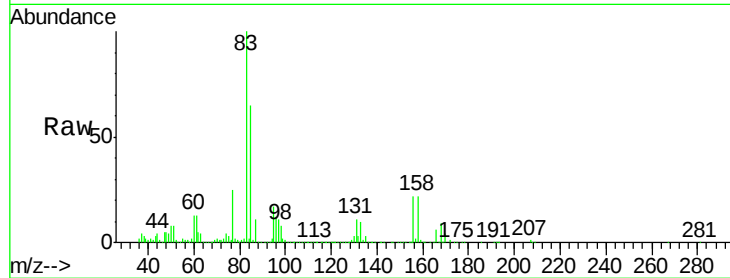
83 100

131 11.4 5.7 17.0

85 64.7 32.6 97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.49 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001937.D

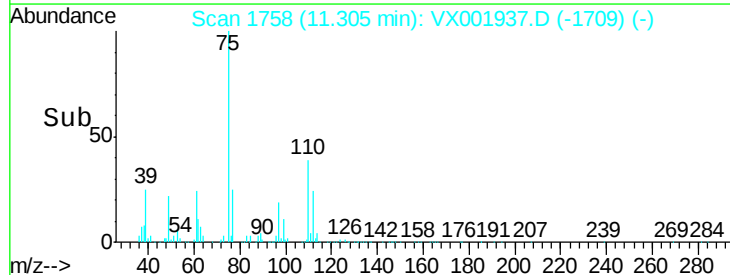
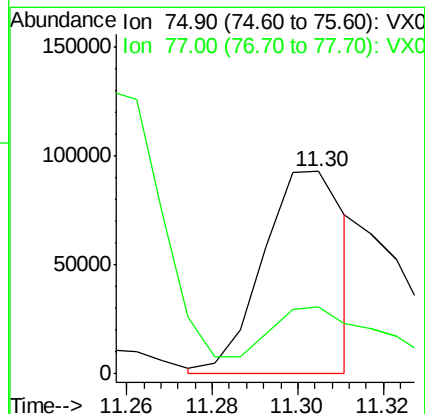
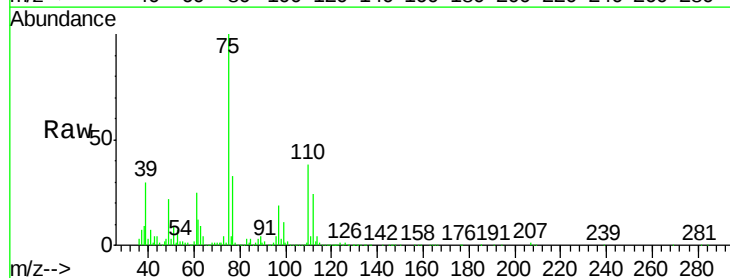
Acq: 24 May 2018 11:19

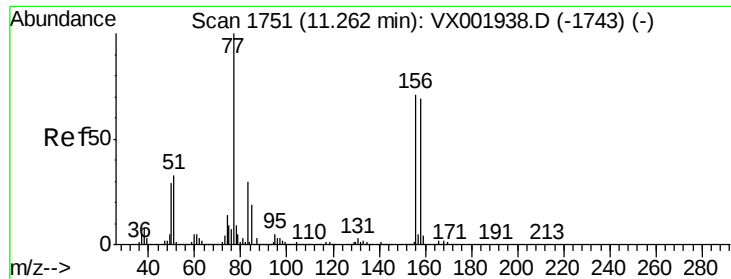
Tgt Ion: 75 Resp: 125205

Ion Ratio Lower Upper

75 100

77 46.8 22.8 68.3





#77

Bromobenzene

Concen: 20.60 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

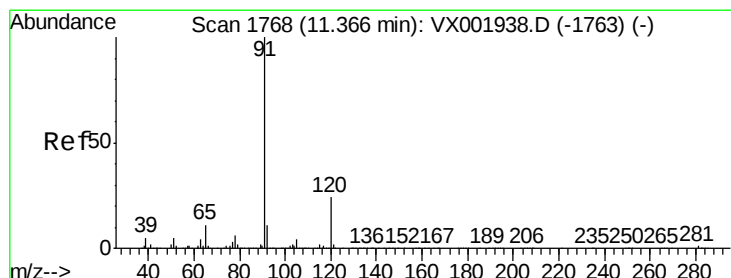
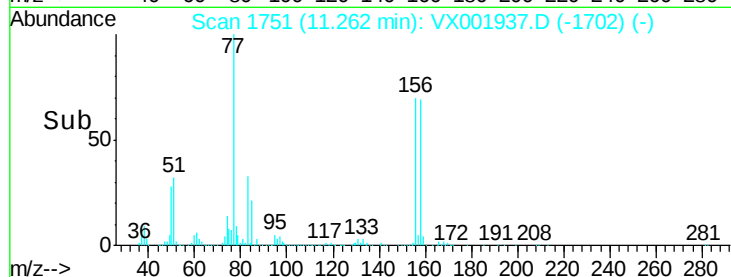
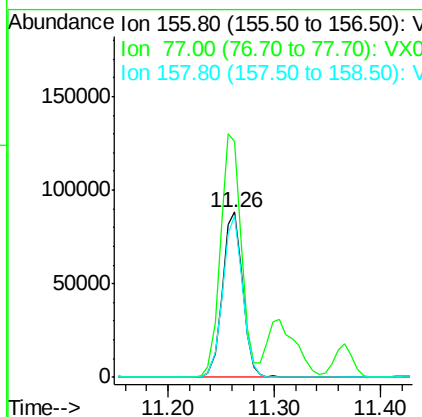
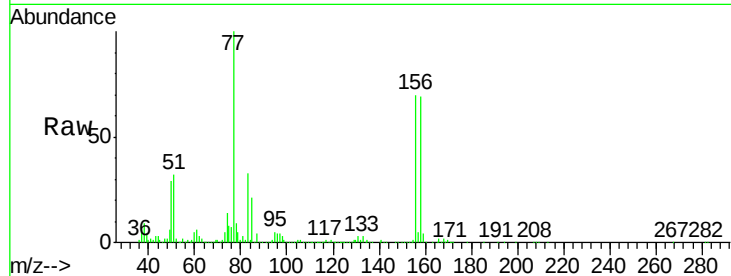
ClientSampleId :

VSTDIC020

Tot Ion:	156	Resp:	116606
Ion Ratio	Lower	Upper	
156	100		
77	150.6	75.2	225.6
158	96.7	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.65 ug/l

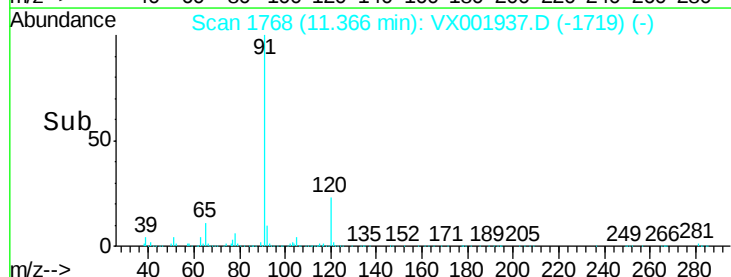
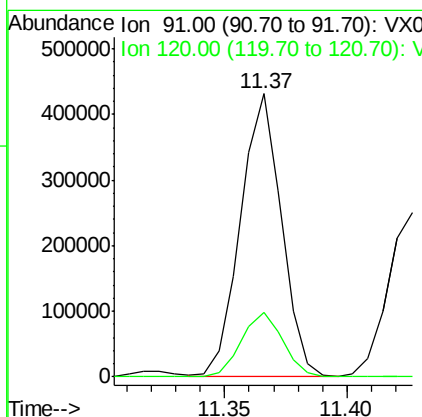
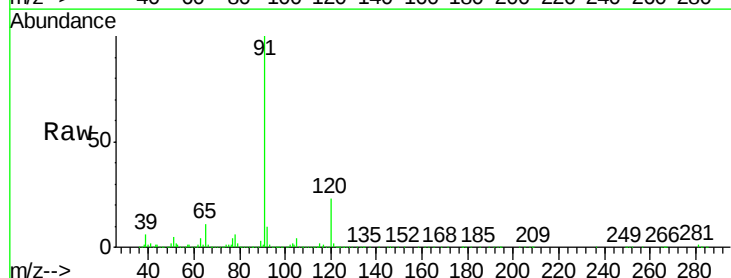
RT: 11.37 min Scan# 1768

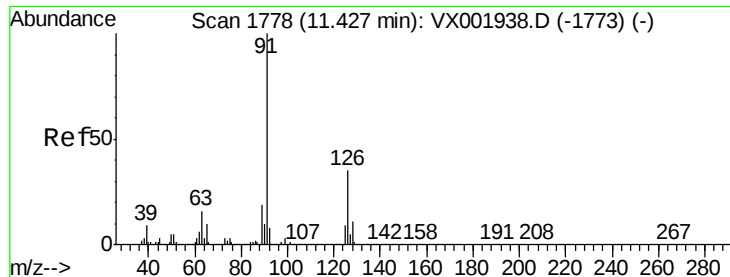
Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Tgt Ion:	91	Resp:	498732
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.9	35.7





#79

2-Chlorotoluene

Concen: 21.04 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 304431

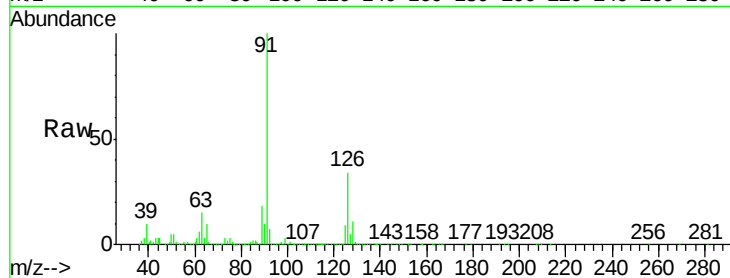
Ion Ratio Lower Upper

91 100

126 34.0 17.4 52.2

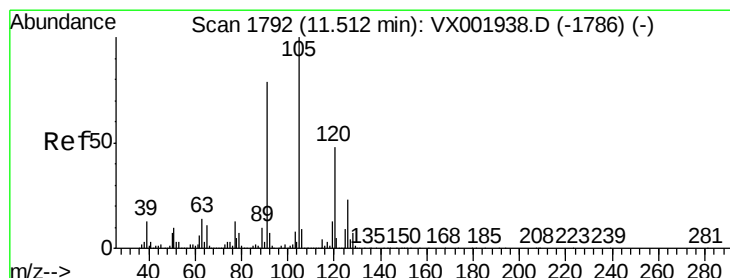
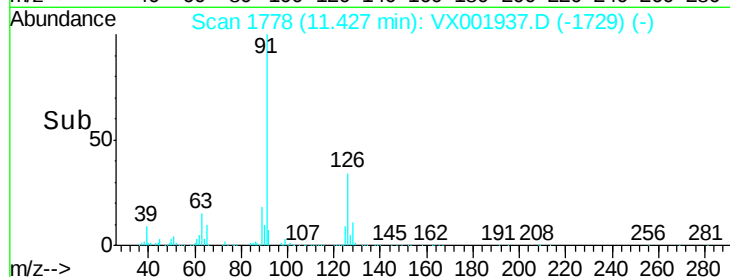
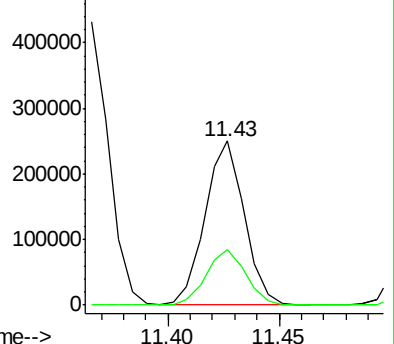
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Abundance Ion 91.00 (90.70 to 91.70): VX001937.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001937.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.77 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001937.D

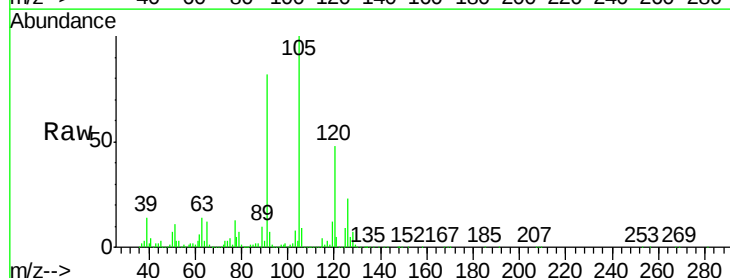
Acq: 24 May 2018 11:19

Tgt Ion: 105 Resp: 376854

Ion Ratio Lower Upper

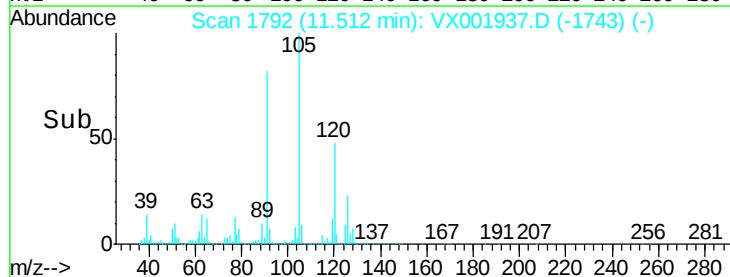
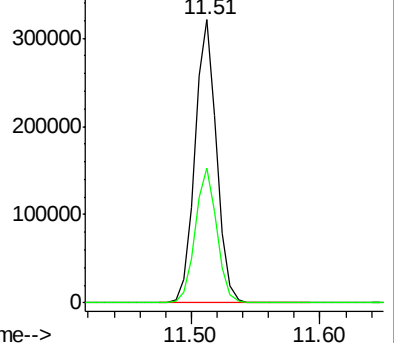
105 100

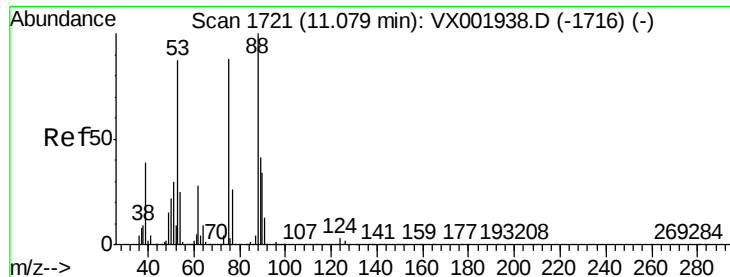
120 47.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX001937.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001937.D (-1786) (-)





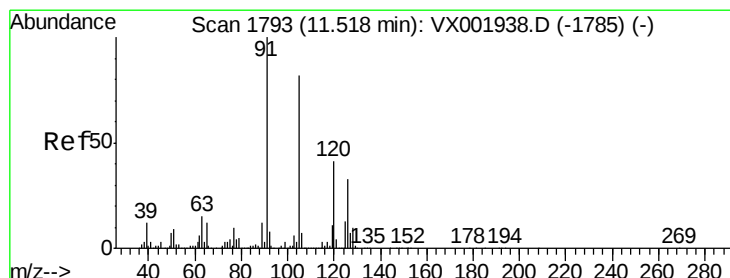
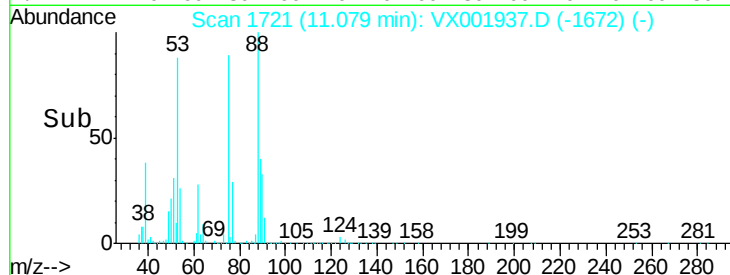
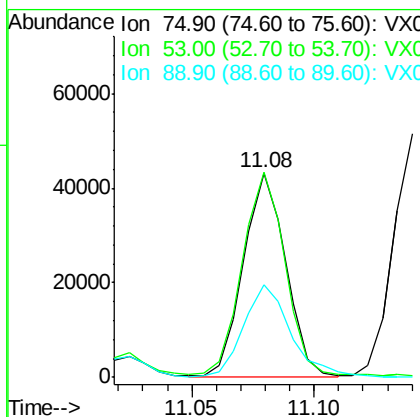
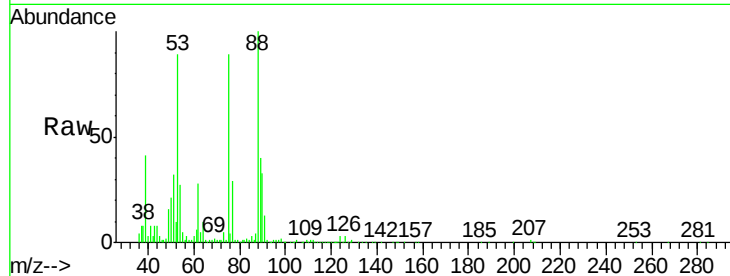
#81
trans-1,4-Dichloro-2-butene
Concen: 21.23 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.8	78.0	117.0
89	50.3	39.4	59.2

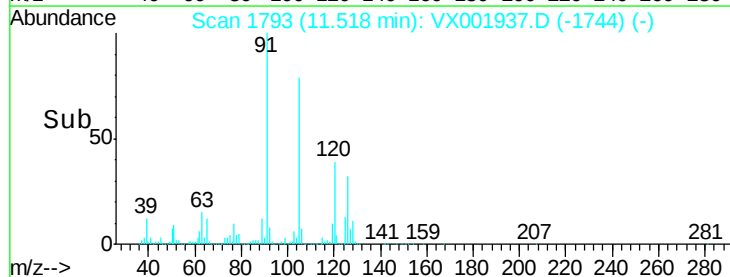
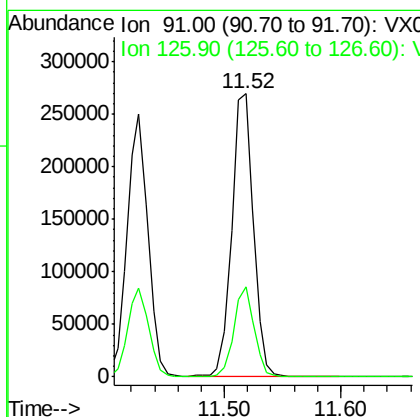
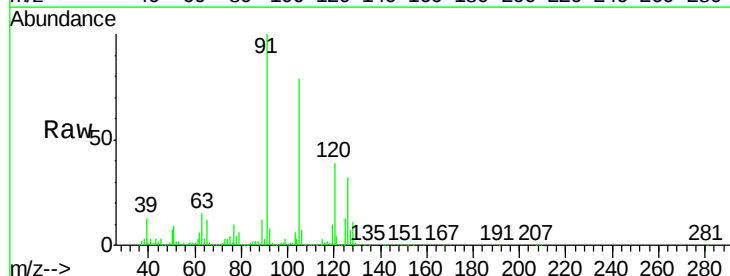
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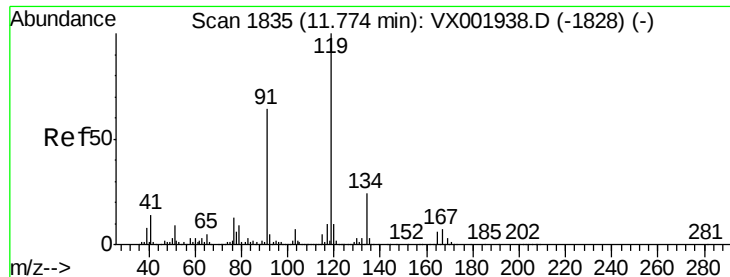
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#82
4-Chlorotoluene
Concen: 20.62 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.3	45.8





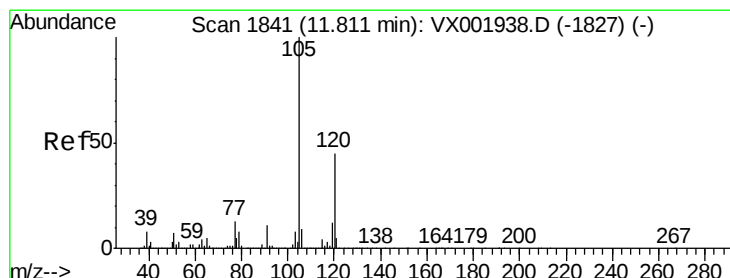
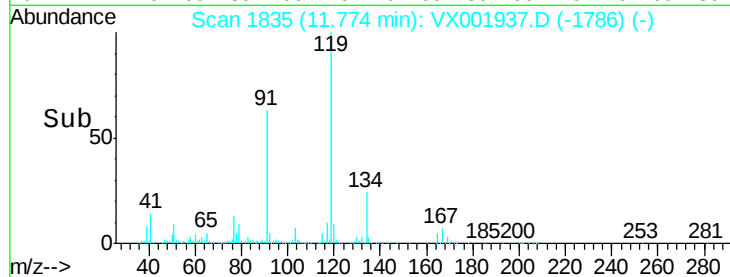
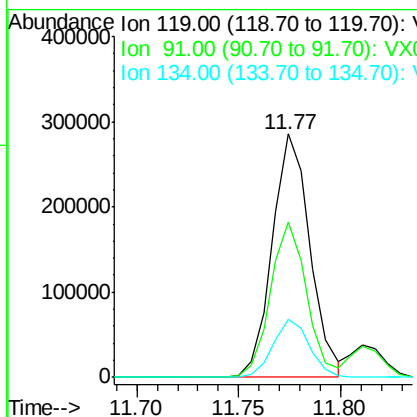
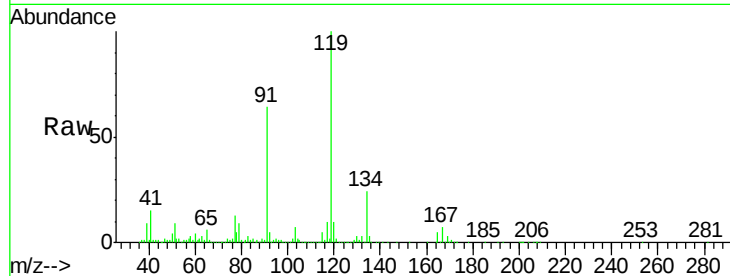
#83
 tert-Butylbenzene
 Concen: 20.87 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	367441		
91	61.3	30.6	91.8	
134	23.3	11.7	35.0	

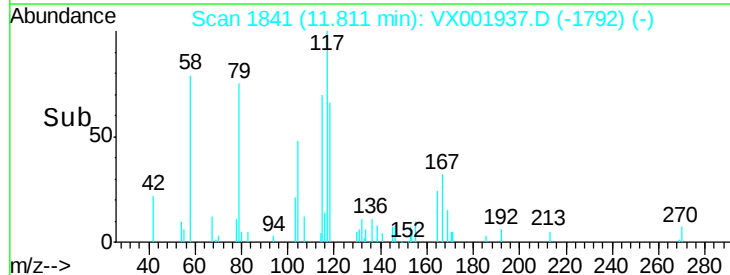
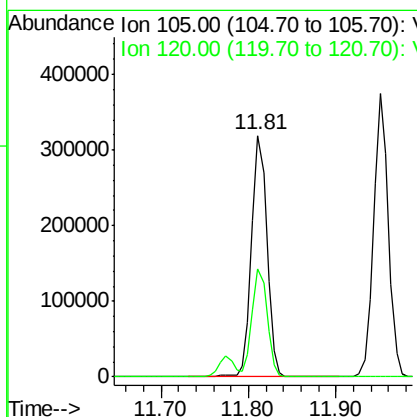
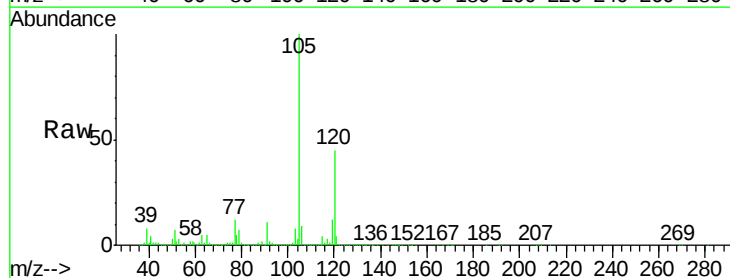
Manual Integrations
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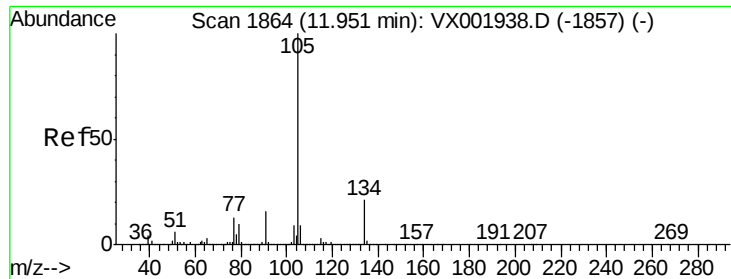
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.73 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	386134		
120	44.0	22.1	66.5	





#85

sec-Butylbenzene

Concen: 20.55 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 443339

Ion Ratio Lower Upper

105 100

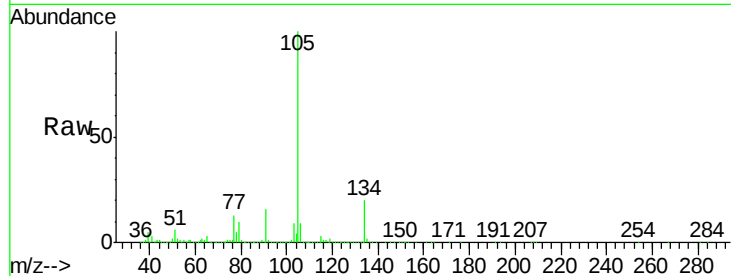
134 20.5 10.4 31.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

400000

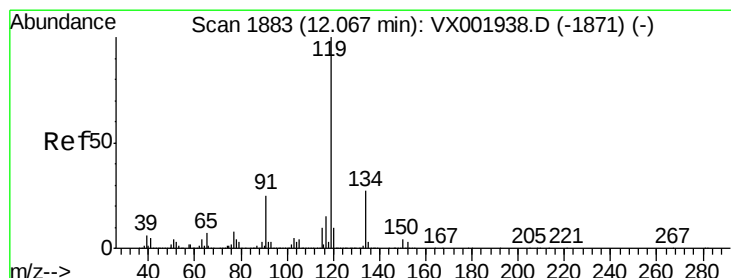
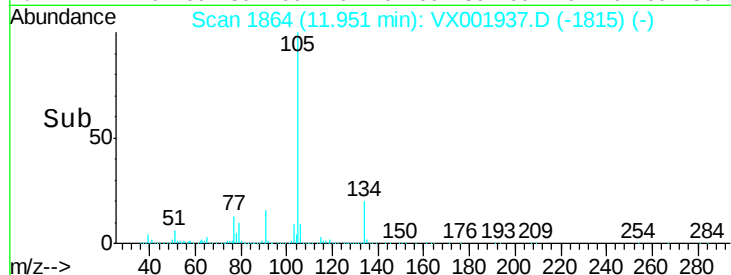
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.43 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

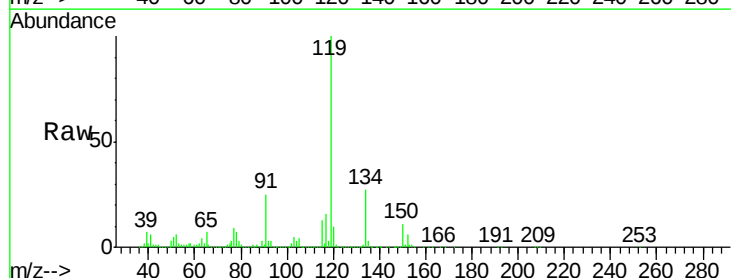
Tgt Ion:119 Resp: 395517

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

91 24.9 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

400000

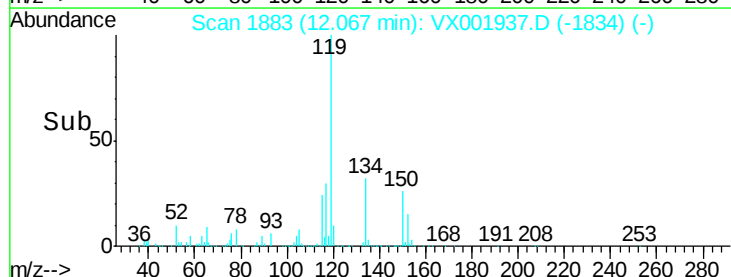
300000

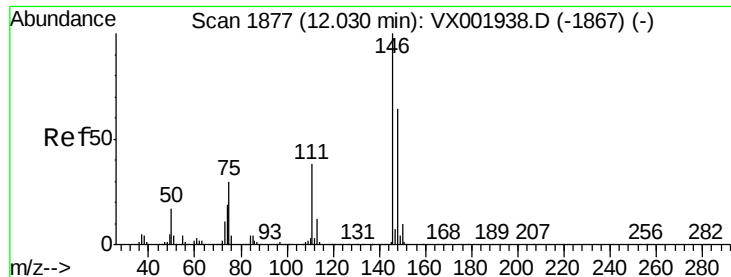
200000

100000

0

Time-->





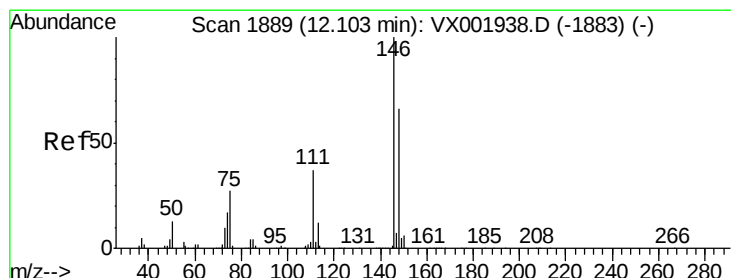
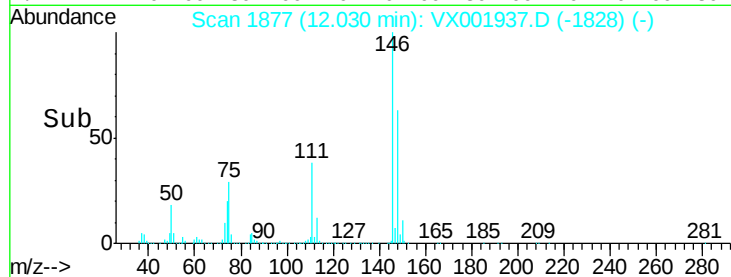
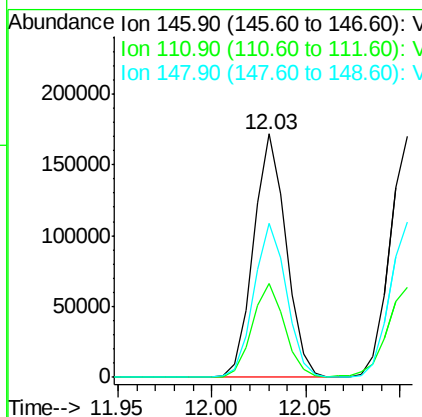
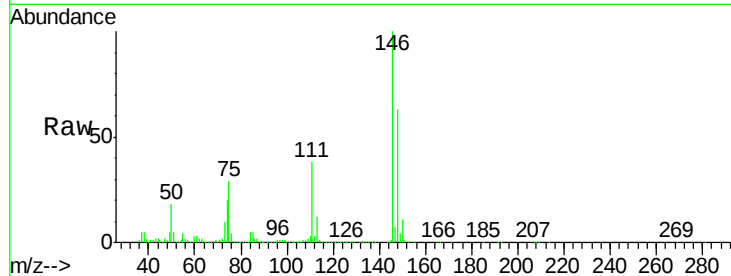
#87
 1,3-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	63.4	32.1	96.3

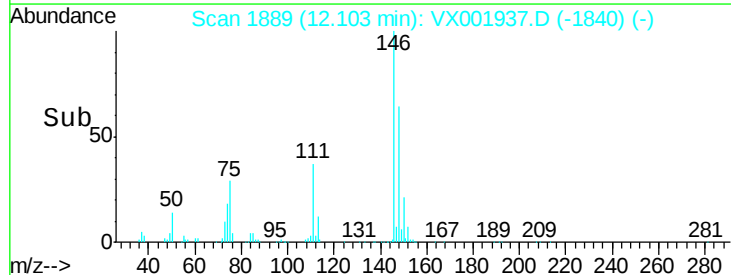
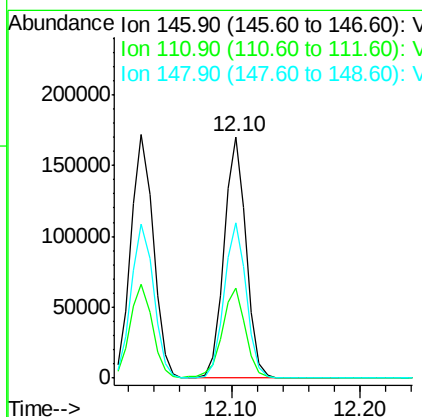
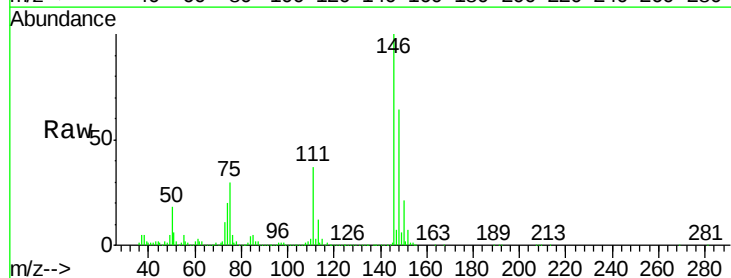
Manual Integrations
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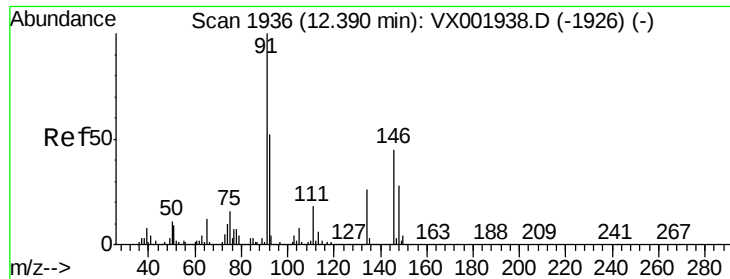
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#88
 1,4-Dichlorobenzene
 Concen: 20.11 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.9	56.5
148	65.1	32.3	96.8





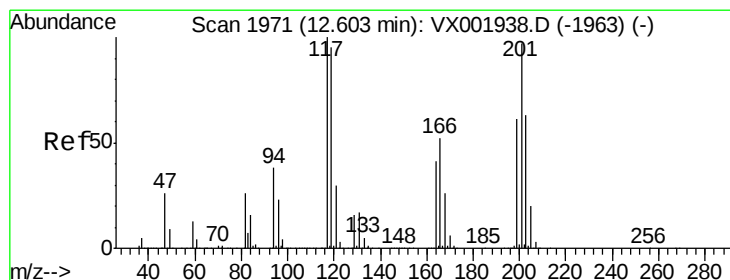
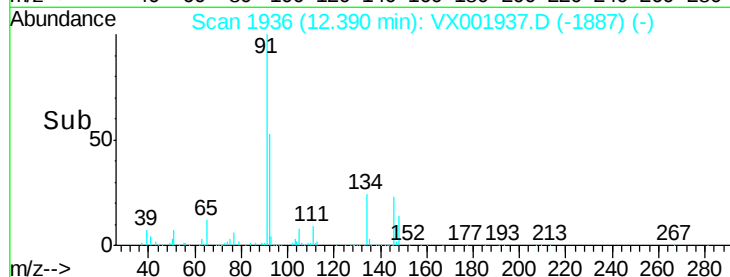
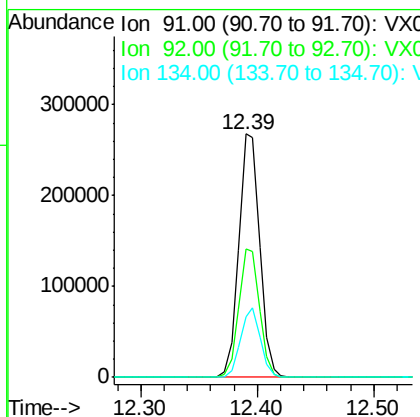
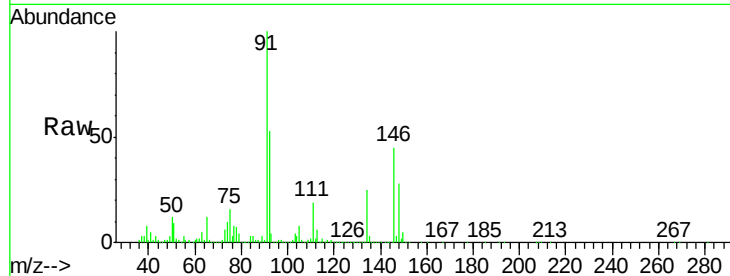
#89
n-Butylbenzene
Concen: 19.84 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	26.9	13.6	40.7

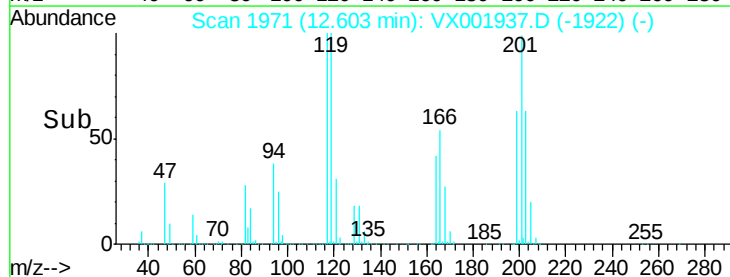
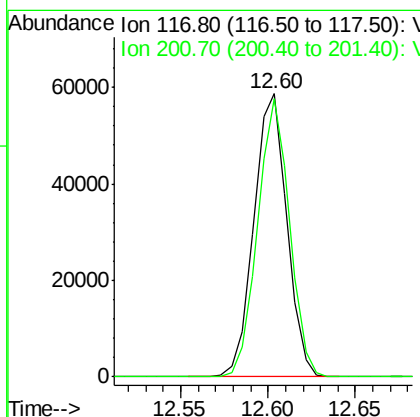
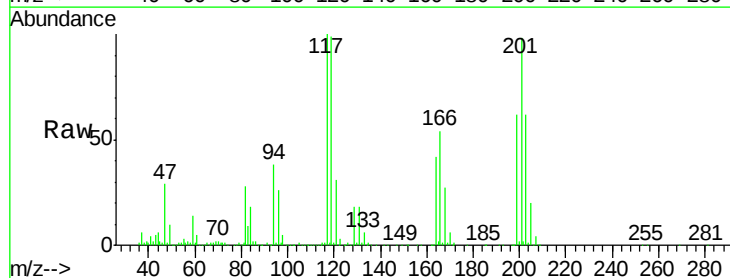
Manual Integrations
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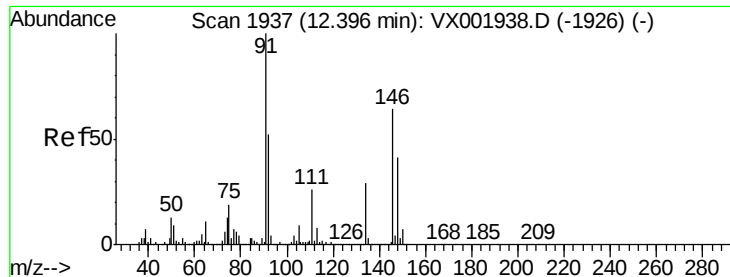
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#90
Hexachloroethane
Concen: 20.34 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001937.D
Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.5	48.0	144.0





#91

1,2-Dichlorobenzene

Concen: 20.32 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

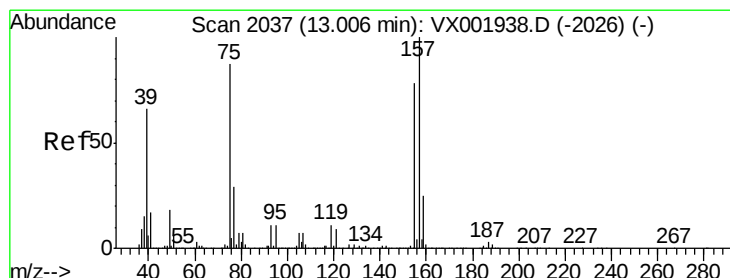
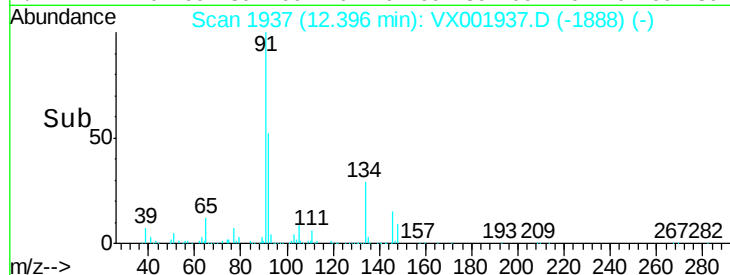
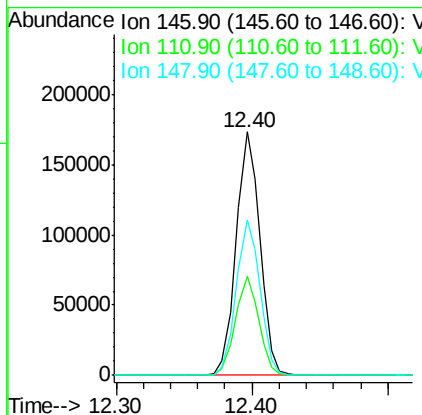
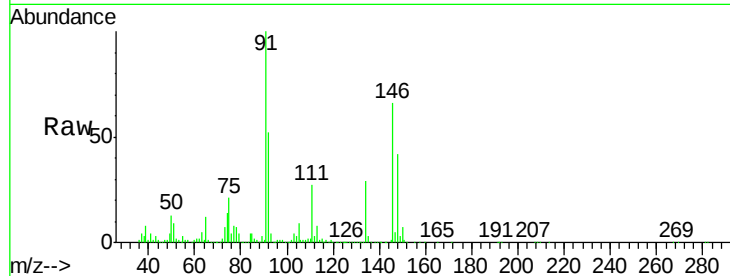
ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	210645
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.8	59.3
148	64.0	32.1	96.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.87 ug/l

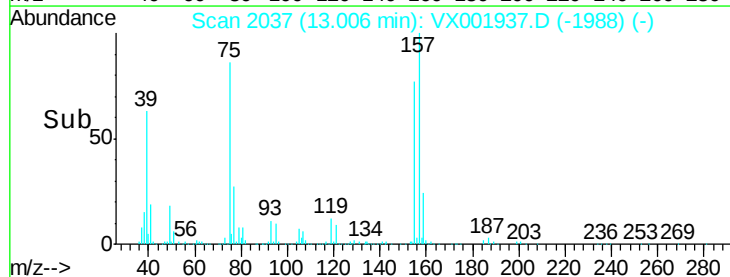
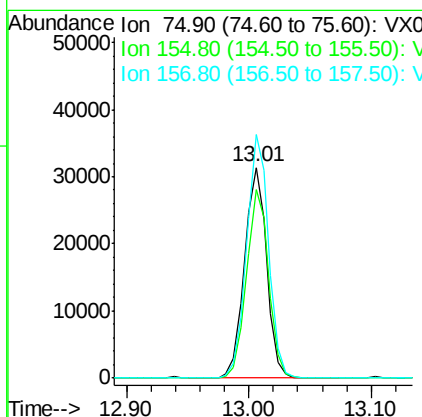
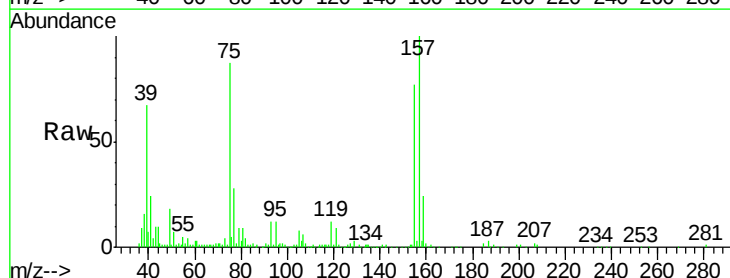
RT: 13.01 min Scan# 2037

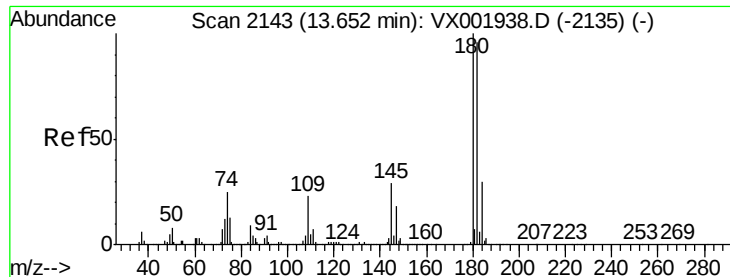
Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Tgt Ion:	75	Resp:	39572
Ion Ratio	Lower	Upper	
75	100		
155	88.7	45.1	135.2
157	114.9	58.1	174.2





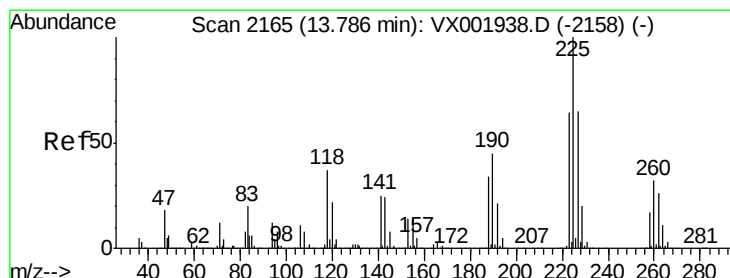
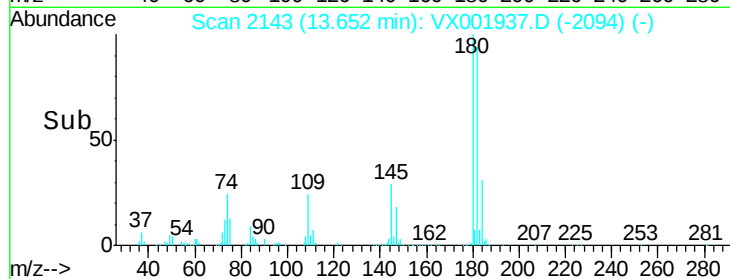
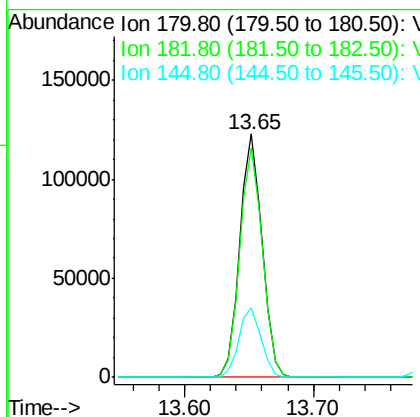
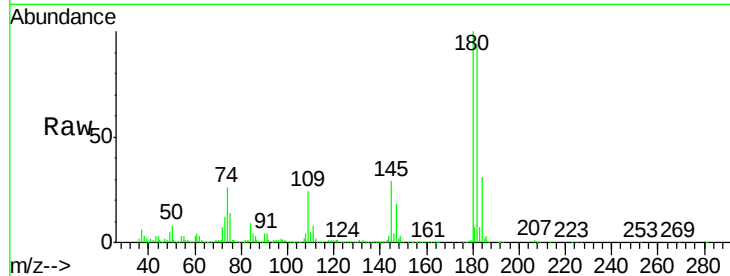
#93
 1,2,4-Trichlorobenzene
 Concen: 19.42 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147200		
182	95.5	47.7	143.1	
145	28.8	14.4	43.0	

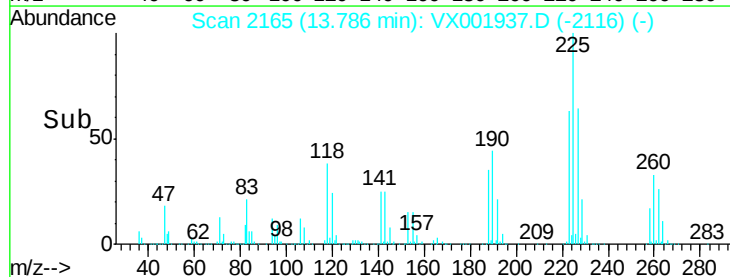
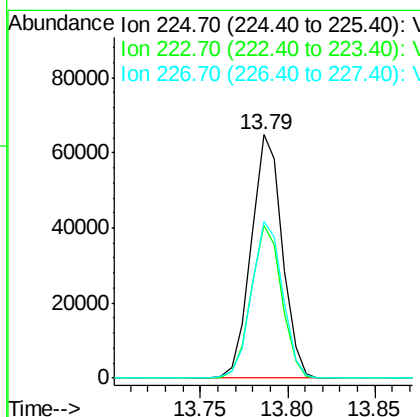
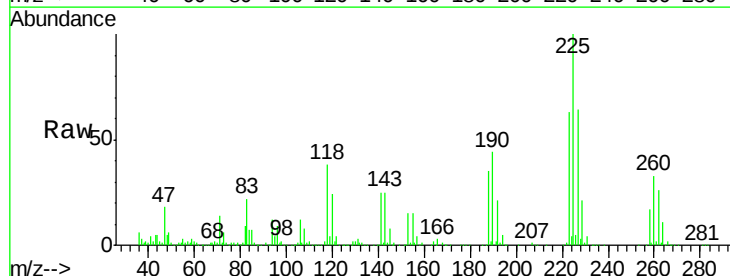
Manual Integrations
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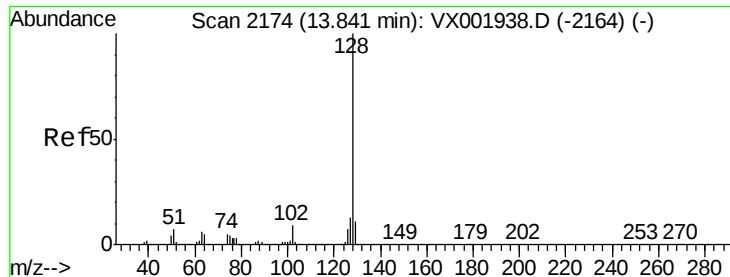
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 5/25/2018 2:25:51 PM



#94
 Hexachlorobutadiene
 Concen: 19.66 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001937.D
 Acq: 24 May 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79623		
223	61.8	31.1	93.5	
227	64.6	32.1	96.5	





#95

Naphthalene

Concen: 20.44 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Instrument :

MSVOA_X

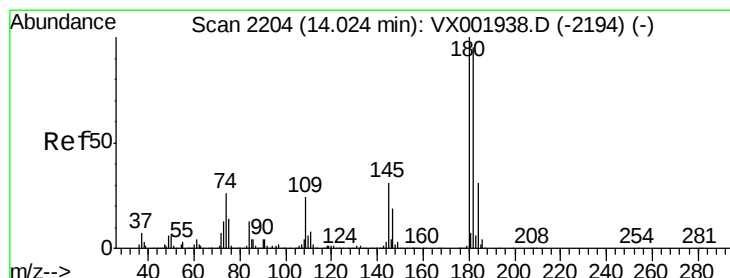
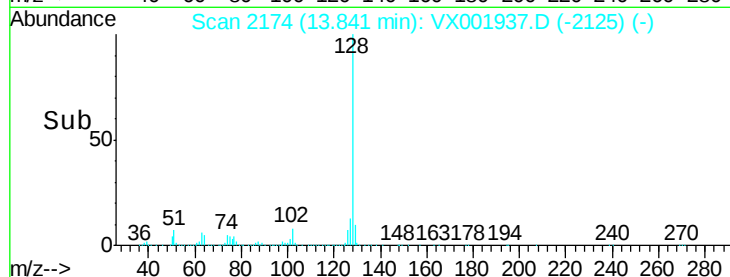
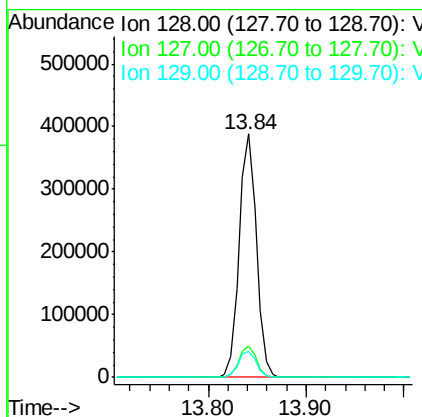
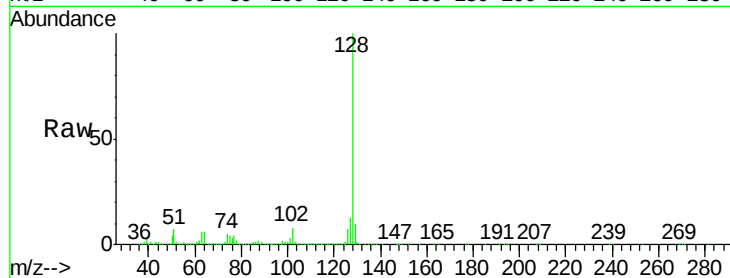
ClientSampled :

VSTDIC020

Tot Ion:	128	Resp:	475252
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.94 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001937.D

Acq: 24 May 2018 11:19

Tgt Ion:	180	Resp:	155204
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.6
145	30.6	15.1	45.3

