

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002212.D
 Acq On : 01 Jun 2018 11:34
 Operator : JC/MD
 Sample : VX0531WBSD06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD06

Manual Integrations
 APPROVED

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 6/1/2018 6:37:17 PM

Quant Time: Jun 01 16:15:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	273127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188964	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.51	113	138091	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.72	98	529770	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	11.14	95	200538	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	39834	14.849	ug/l	97
3) Chloromethane	1.32	50	53834	17.894	ug/l	99
4) Vinyl Chloride	1.40	62	55679	19.168	ug/l	100
5) Bromomethane	1.64	94	36411	26.785	ug/l	97
6) Chloroethane	1.73	64	37988	22.184	ug/l	100
7) Trichlorofluoromethane	1.93	101	93999	21.548	ug/l	99
8) Diethyl Ether	2.19	74	39213	24.775	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54184	22.259	ug/l	97
10) Methyl Iodide	2.51	142	64073	19.453	ug/l	98
11) Tert butyl alcohol	3.07	59	87835	128.027	ug/l	97
12) 1,1-Dichloroethene	2.38	96	46996	20.621	ug/l	96
13) Acrolein	2.29	56	24538	82.722	ug/l	99
14) Allyl chloride	2.73	41	105348	22.021	ug/l	96
15) Acrylonitrile	3.15	53	172195	122.054	ug/l	99
16) Acetone	2.45	43	174939	129.692	ug/l	99
17) Carbon Disulfide	2.57	76	103960	15.849	ug/l	100
18) Methyl Acetate	2.78	43	87535	26.402	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	205264	23.946	ug/l	98
20) Methylene Chloride	2.86	84	59957	24.833	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	52381	22.747	ug/l	94
22) Diisopropyl ether	3.87	45	193120	19.846	ug/l	96
23) Vinyl Acetate	3.82	43	908362	112.588	ug/l	99
24) 1,1-Dichloroethane	3.70	63	108696	23.515	ug/l	98
25) 2-Butanone	4.71	43	235705	95.341	ug/l	98
26) 2,2-Dichloropropane	4.59	77	75097	16.051	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55471	18.665	ug/l	94
28) Bromochloromethane	5.03	49	48590	23.951	ug/l	100
29) Tetrahydrofuran	5.17	42	151631	94.270	ug/l	99
30) Chloroform	5.22	83	99577	19.121	ug/l	99
31) Cyclohexane	5.58	56	83644	17.368	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	82405	16.973	ug/l	99
36) 1,1-Dichloropropene	5.81	75	67927	17.880	ug/l	97
37) Ethyl Acetate	4.87	43	91006	18.374	ug/l	99
38) Carbon Tetrachloride	5.79	117	69965	15.793	ug/l	95

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Manual Integrations
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Quant Time: Jun 01 16:15:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84865	18.183	ug/l	99
40) Benzene	6.15	78	215163	19.332	ug/l	99
41) Methacrylonitrile	5.07	41	51029	18.671	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88220	19.843	ug/l	99
43) Isopropyl Acetate	6.47	43	149779	18.149	ug/l	100
44) Trichloroethene	7.21	130	60726	18.723	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57947	19.171	ug/l	97
46) Dibromomethane	7.67	93	39580	19.778	ug/l	98
47) Bromodichloromethane	7.90	83	69155	16.207	ug/l	98
48) Methyl methacrylate	7.78	41	76843	18.295	ug/l	96
49) 1,4-Dioxane	7.76	88	29910	404.102	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	491235	98.744	ug/l	99
52) Toluene	8.79	92	139552	19.702	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	84721	17.239	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	78981	16.493	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58865	19.893	ug/l	98
56) Ethyl methacrylate	9.18	69	92680	18.209	ug/l	98
57) 1,3-Dichloropropane	9.38	76	98318	20.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	199274	88.336	ug/l	100
59) 2-Hexanone	9.50	43	369942	96.442	ug/l	100
60) Dibromochloromethane	9.59	129	55059	15.709	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59688	19.224	ug/l	97
64) Tetrachloroethene	9.34	164	67027	17.972	ug/l	99
65) Chlorobenzene	10.14	112	157865	19.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56987	17.124	ug/l	98
67) Ethyl Benzene	10.26	91	270030	18.859	ug/l	99
68) m/p-Xylenes	10.37	106	207023	37.823	ug/l	98
69) o-Xylene	10.70	106	102766	18.804	ug/l	100
70) Styrene	10.71	104	167516	18.482	ug/l	99
71) Bromoform	10.86	173	40690	12.895	ug/l	99
73) Isopropylbenzene	11.02	105	275368	18.914	ug/l	99
74) N-amyl acetate	6.47	43	149779	17.800	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85910	20.837	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86363m	20.913	ug/l	
77) Bromobenzene	11.26	156	74414	19.265	ug/l	97
78) n-propylbenzene	11.37	91	309954	19.009	ug/l	100
79) 2-Chlorotoluene	11.43	91	187302	19.535	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	233515	18.768	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21336	12.418	ug/l #	81
82) 4-Chlorotoluene	11.51	91	217839	18.942	ug/l	100
83) tert-Butylbenzene	11.77	119	228128	18.685	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	243515	18.940	ug/l	99
85) sec-Butylbenzene	11.95	105	276679	18.852	ug/l	100
86) p-Isopropyltoluene	12.07	119	248226	18.901	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	134626	19.461	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136205	19.694	ug/l	99
89) n-Butylbenzene	12.39	91	205431	18.460	ug/l	99
90) Hexachloroethane	12.60	117	33736	13.023	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	138190	19.606	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17879	13.813	ug/l	100

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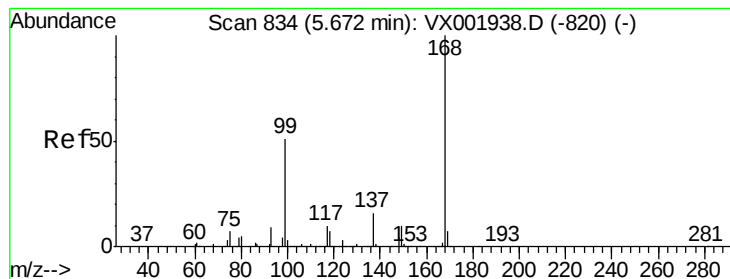
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98888	19.621	ug/l	99
94) Hexachlorobutadiene	13.79	225	49867	18.393	ug/l	99
95) Naphthalene	13.84	128	295653	19.040	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102117	19.581	ug/l	100

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



#1

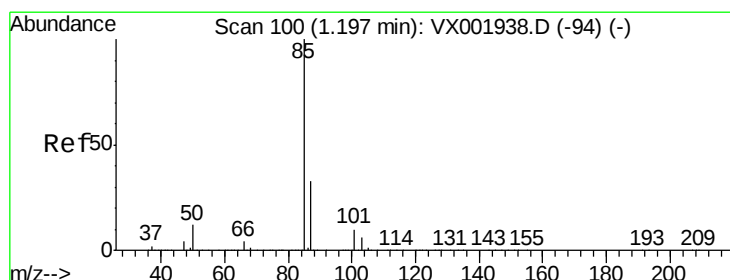
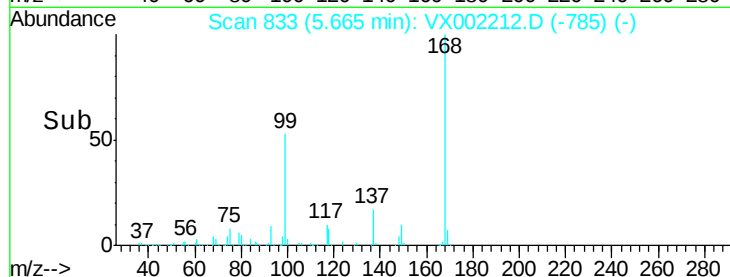
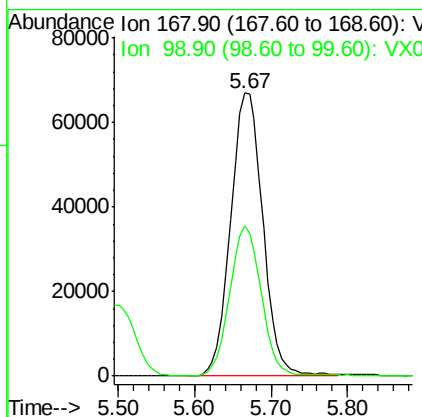
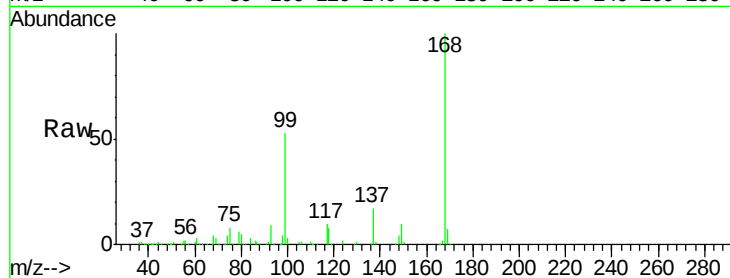
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Instrument :
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 ClientSampleId :
 VX0531WBSD06

Tot Ion	Ratio	Resp	Lower	Upper
168	100	195531		
99	53.0	41.0	61.4	

Manual Integrations
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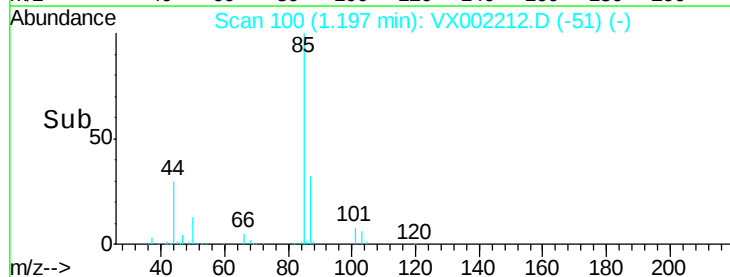
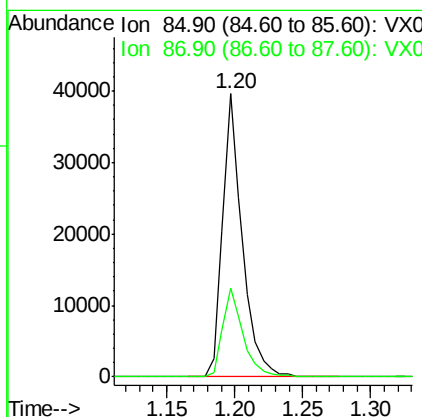
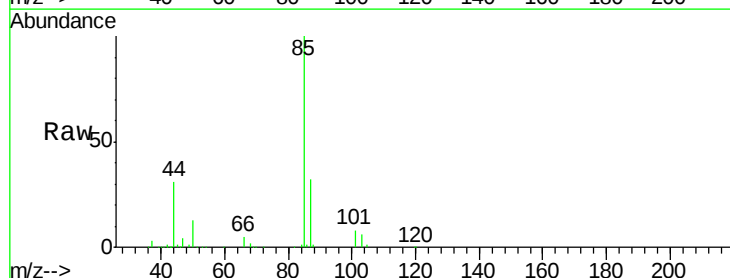
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#2

Dichlorodifluoromethane
 Concen: 14.849 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	39834		
87	31.6	16.7	50.0	





#3

Chloromethane

Concen: 17.894 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion: 50 Resp: 53834

Ion Ratio Lower Upper

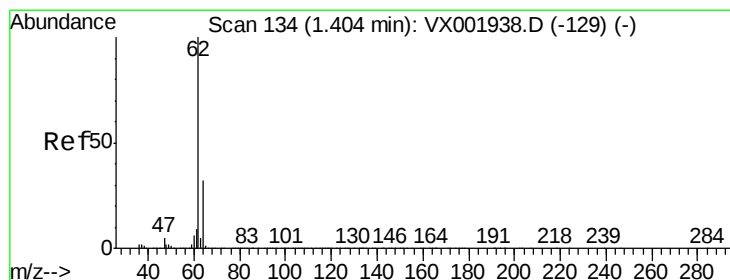
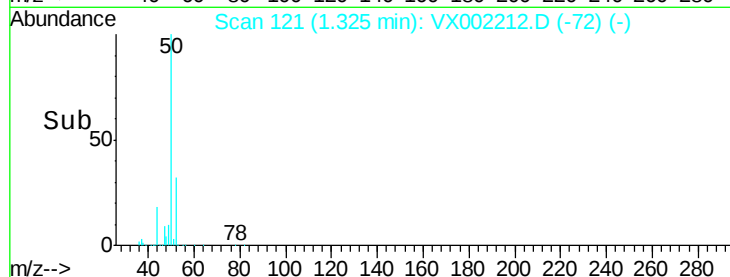
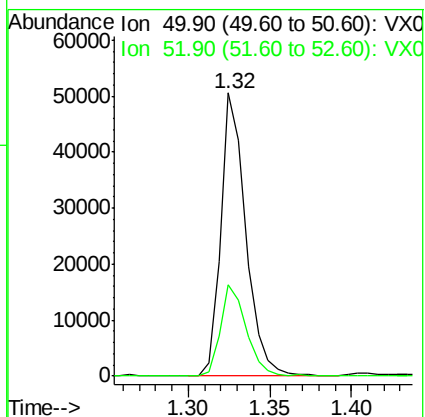
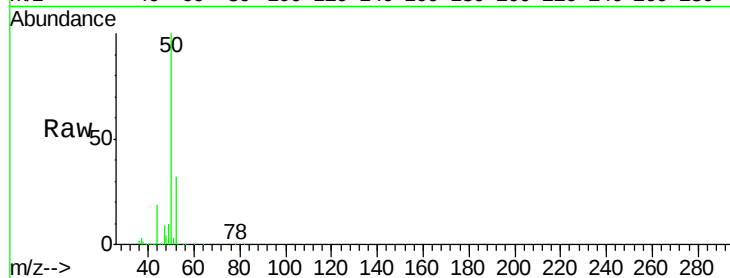
50 100

52 32.2 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.168 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002212.D

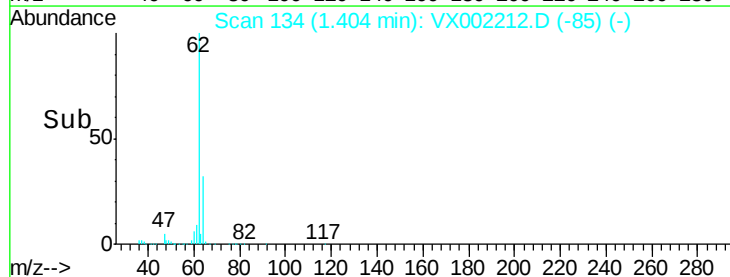
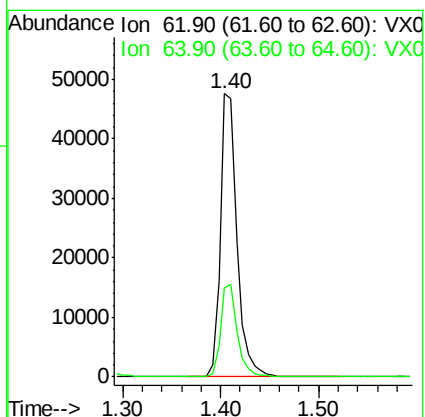
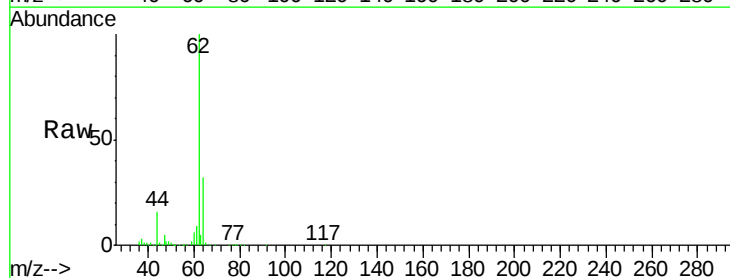
Acq: 01 Jun 2018 11:34

Tgt Ion: 62 Resp: 55679

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 26.785 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion: 94 Resp: 36411

Ion Ratio Lower Upper

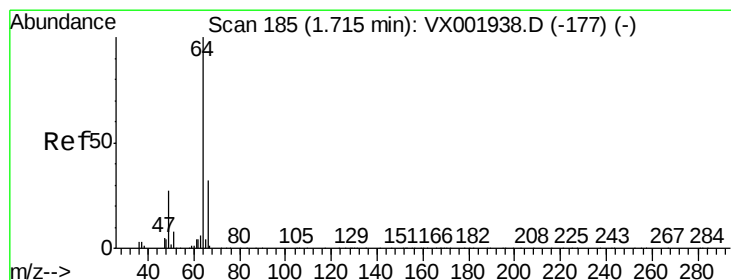
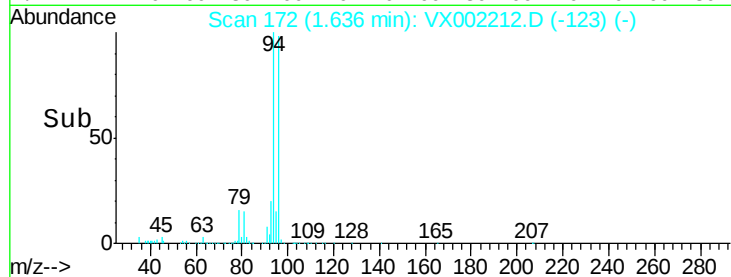
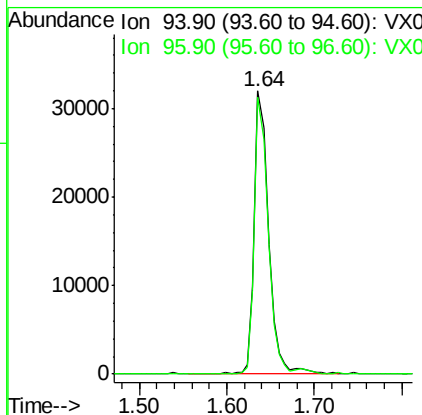
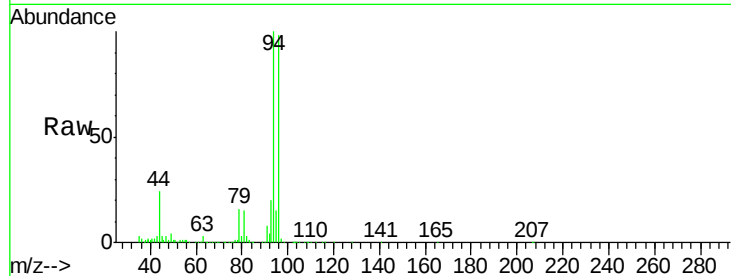
94 100

96 97.8 75.9 113.9

Manual Integrations
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#6

Chloroethane

Concen: 22.184 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002212.D

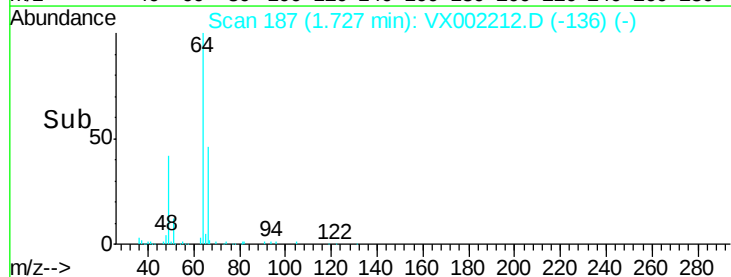
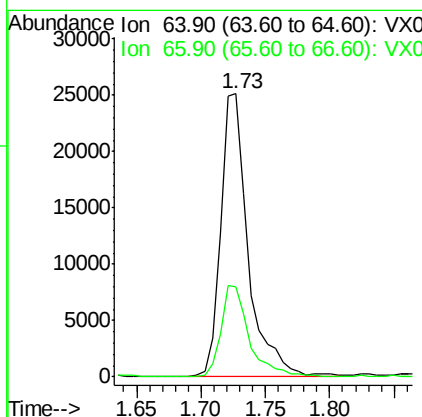
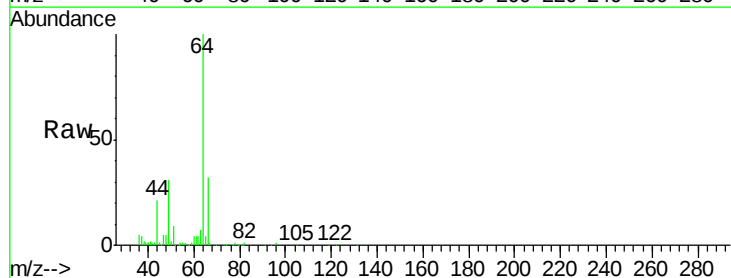
Acq: 01 Jun 2018 11:34

Tgt Ion: 64 Resp: 37988

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

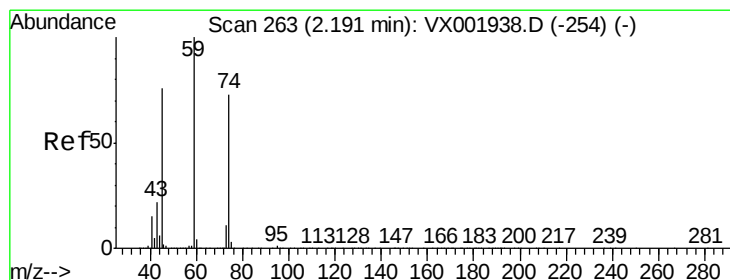
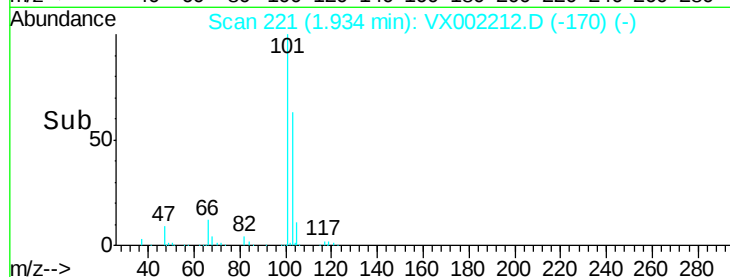
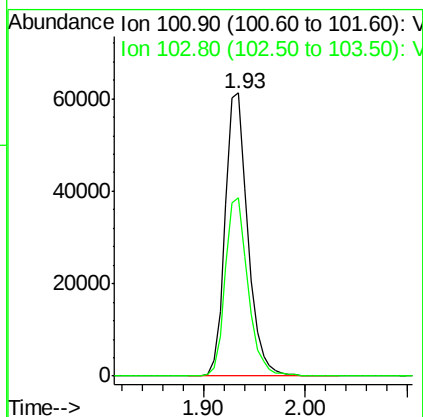
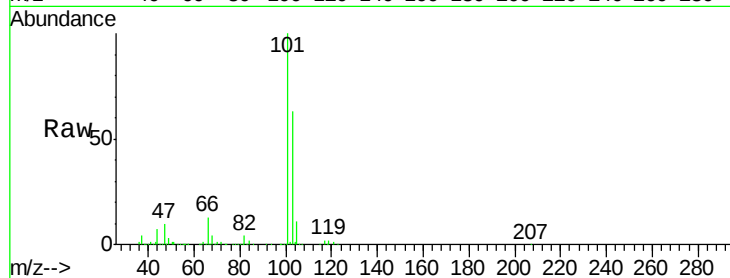
Trichlorofluoromethane
Concen: 21.548 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		93999		
103	63.2	51.4	77.0		

Manual Integrations
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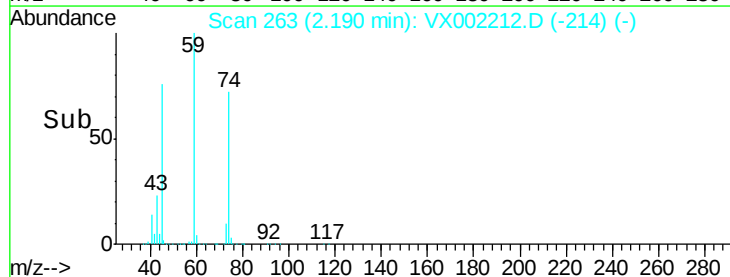
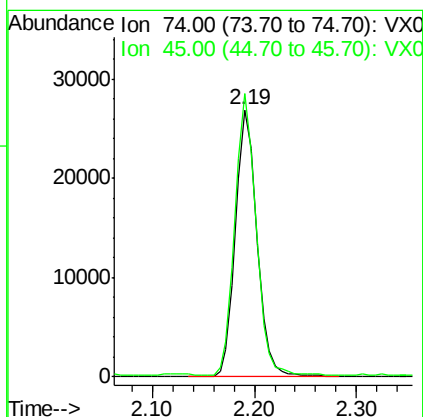
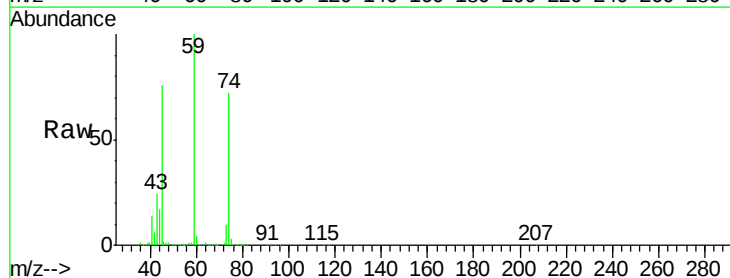
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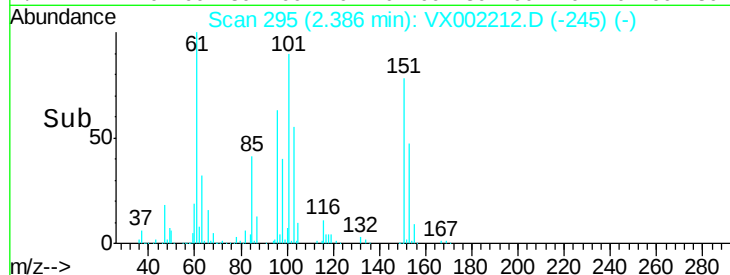
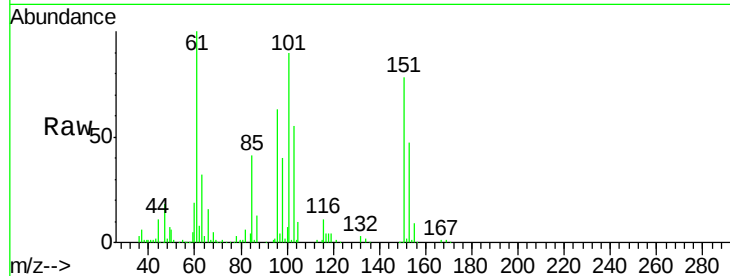


#8

Diethyl Ether
Concen: 24.775 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		39213		
45	104.1	51.5	154.7		





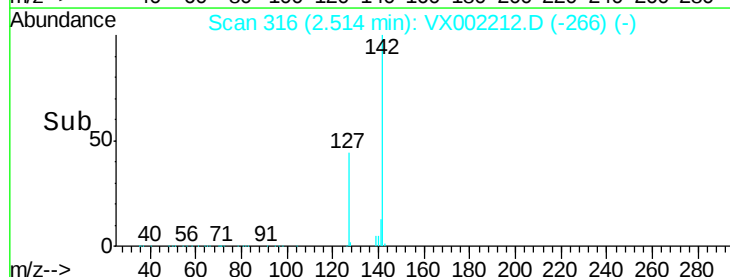
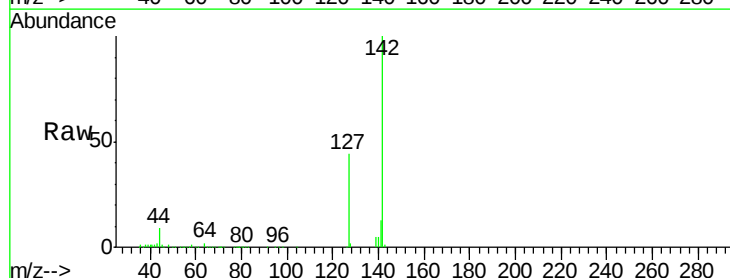
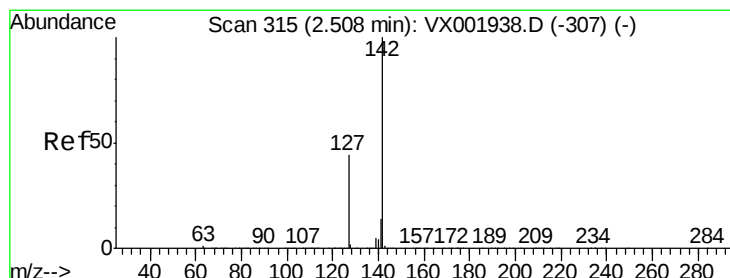
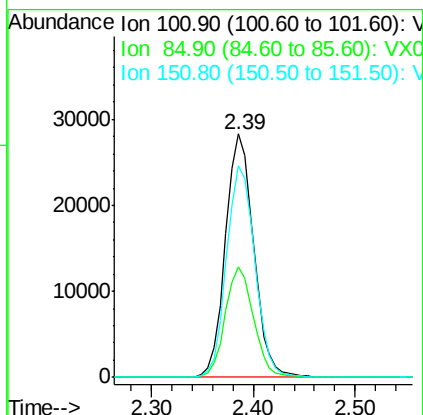
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.259 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tot Ion	Ratio	Resp	Lower	Upper
101	100	54184		
85	45.7	35.6	53.4	
151	87.5	73.2	109.8	

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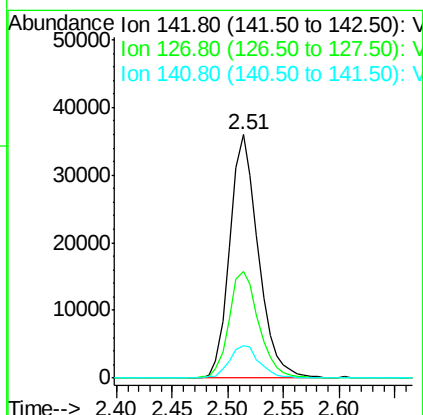
Manual Integrations
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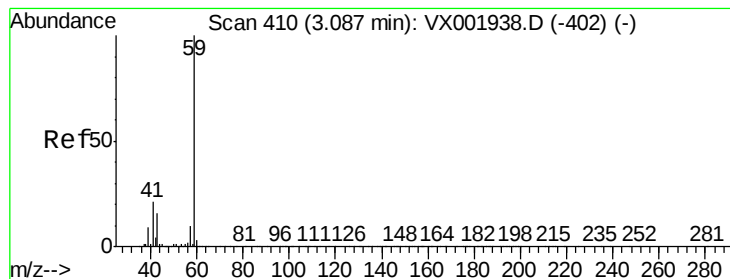
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#10
Methyl Iodide
Concen: 19.453 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	64073		
127	45.8	35.5	53.3	
141	13.9	11.3	16.9	





#11

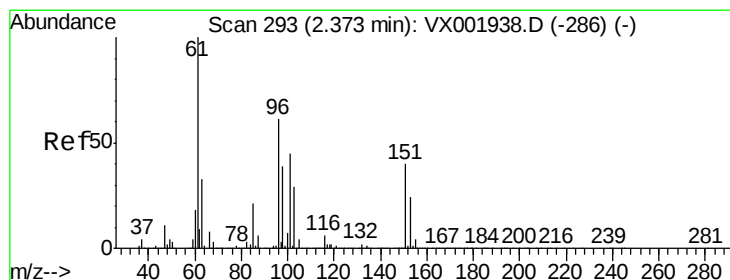
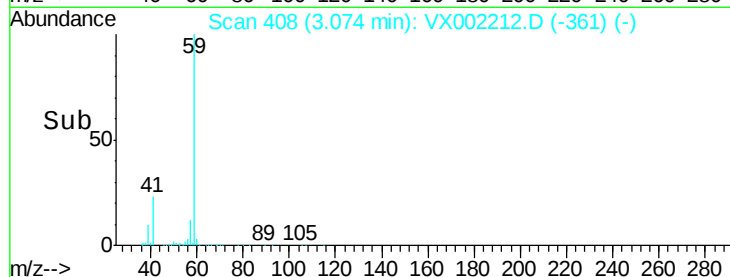
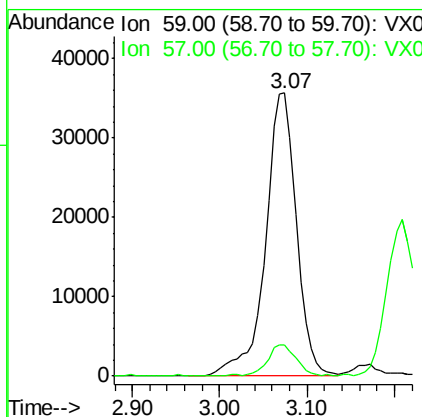
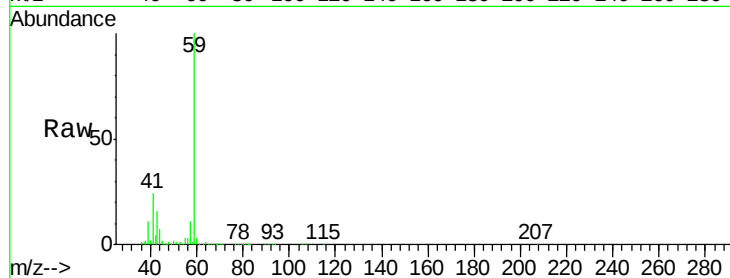
Tert butyl alcohol
Concen: 128.027 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.9	13.3

Manual Integrations
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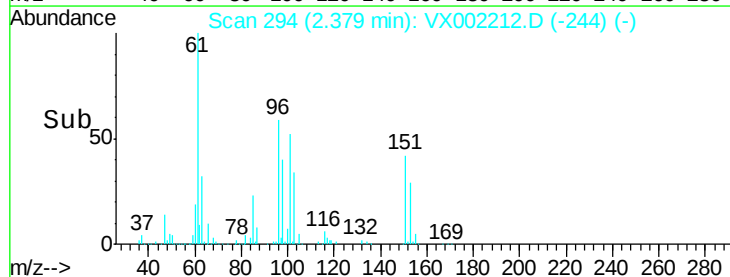
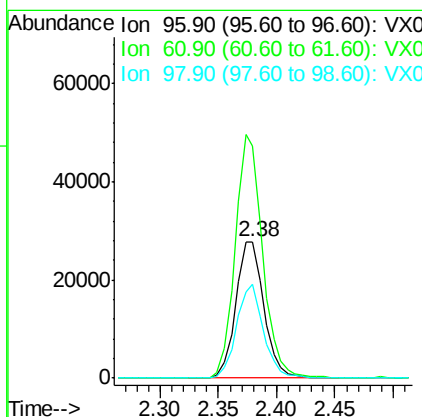
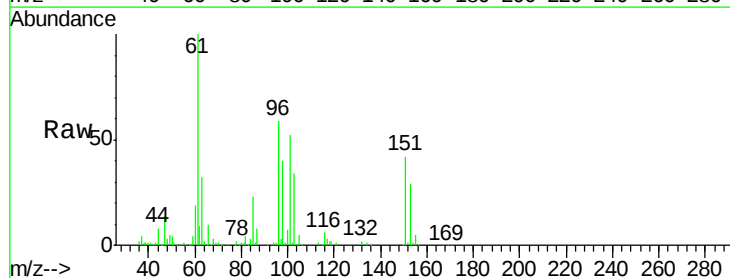
MMDadoda
6/1/2018 6:37:17 PM

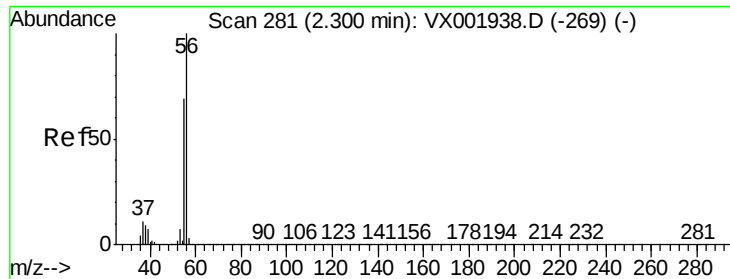


#12

1,1-Dichloroethene
Concen: 20.621 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.1	131.7	197.5
98	68.5	51.6	77.4





#13

Acrolein

Concen: 82.722 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion: 56 Resp: 24538

Ion Ratio Lower Upper

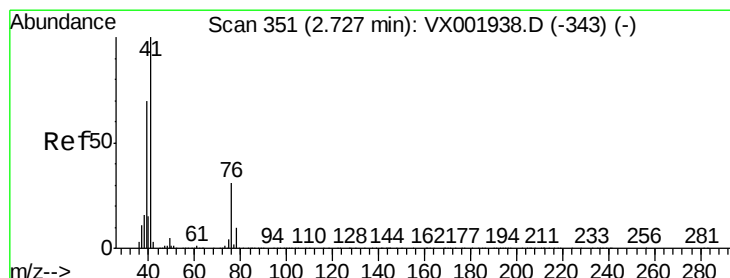
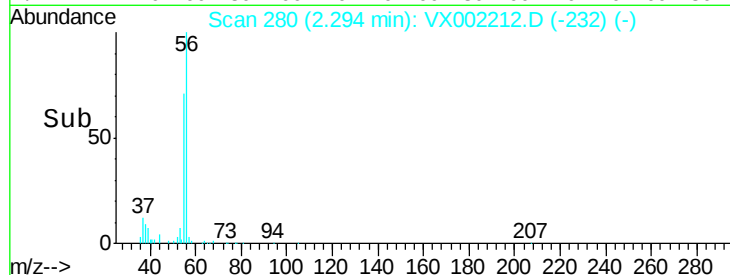
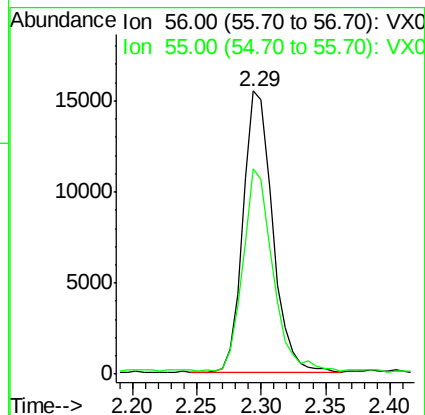
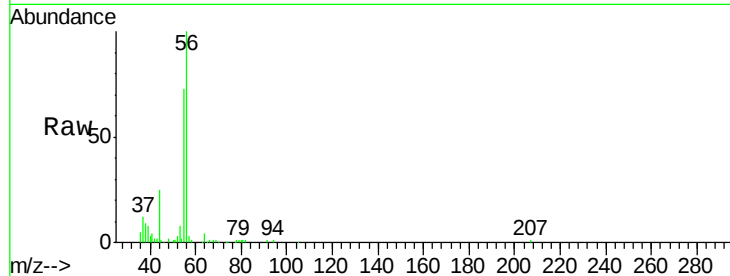
56 100

55 72.0 56.8 85.2

Manual Integrations
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6/1/2018 6:37:17 PM



#14

Allyl chloride

Concen: 22.021 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

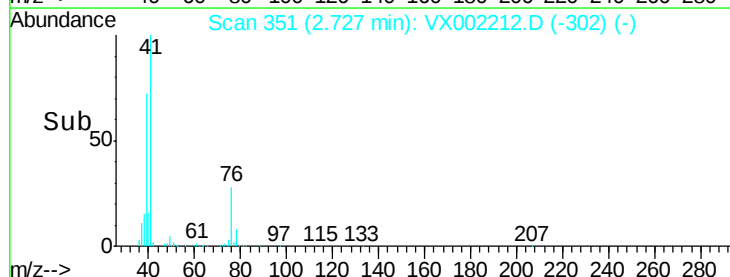
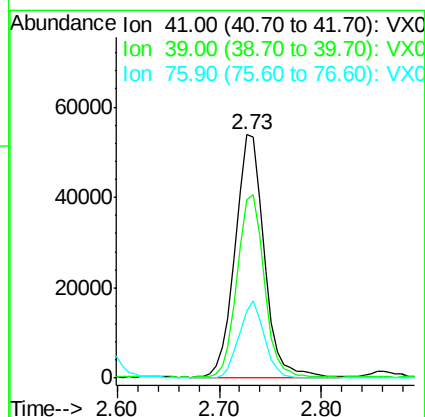
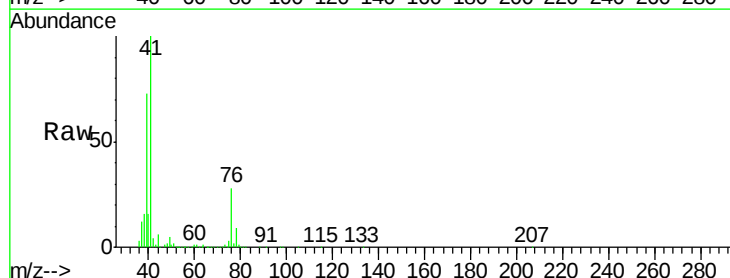
Tgt Ion: 41 Resp: 105348

Ion Ratio Lower Upper

41 100

39 70.8 54.3 81.5

76 27.9 24.2 36.4





#15

Acrylonitrile

Concen: 122.054 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

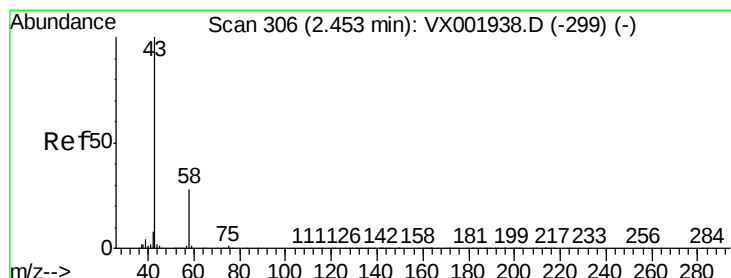
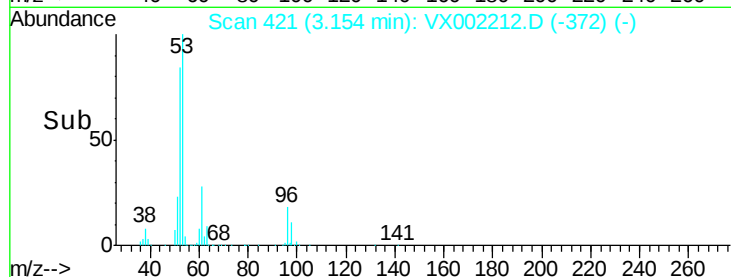
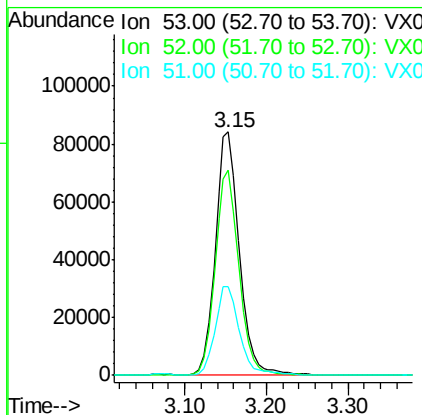
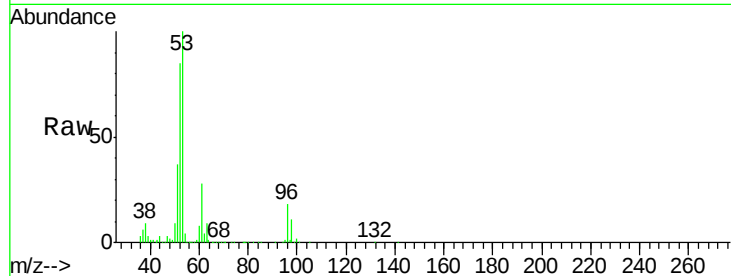
ClientSampleId :

VX0531WBSD06

Tot Ion:	53	Resp:	172195
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.4	99.6
51	37.3	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 129.692 ug/l

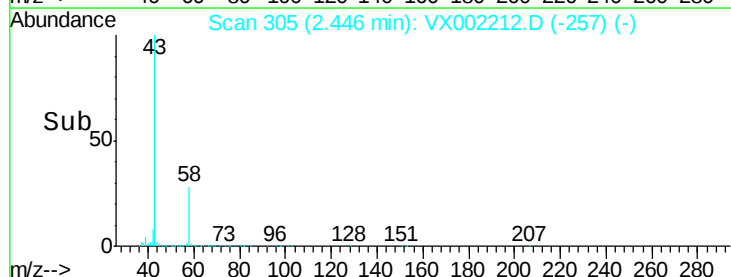
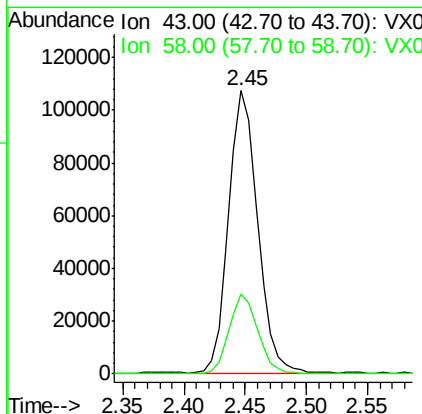
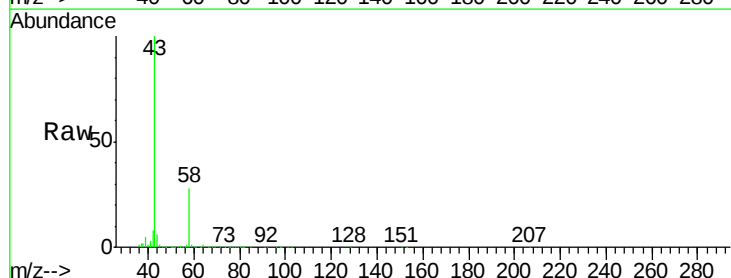
RT: 2.45 min Scan# 305

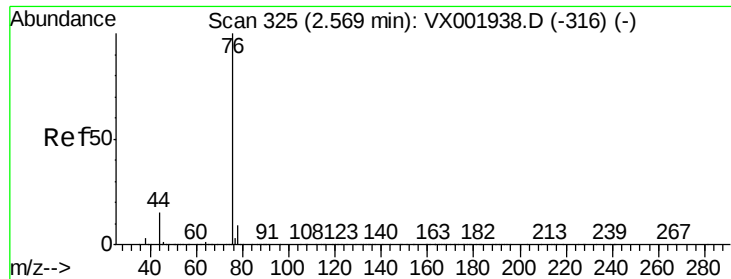
Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion:	43	Resp:	174939
Ion Ratio		Lower	Upper
43	100		
58	28.3	22.3	33.5





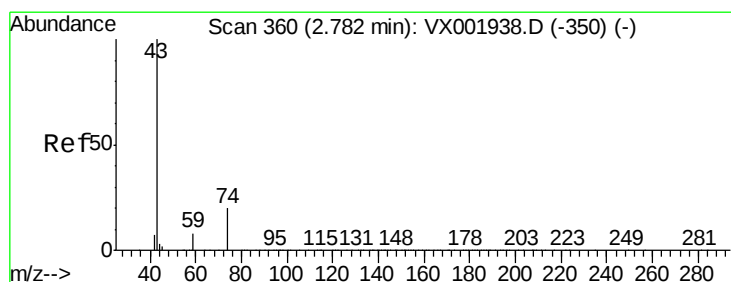
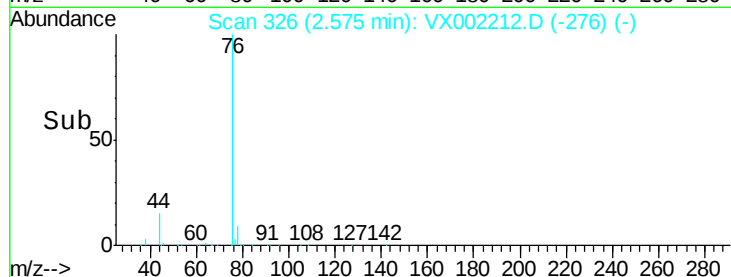
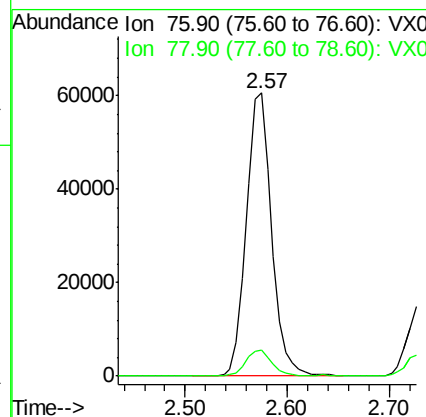
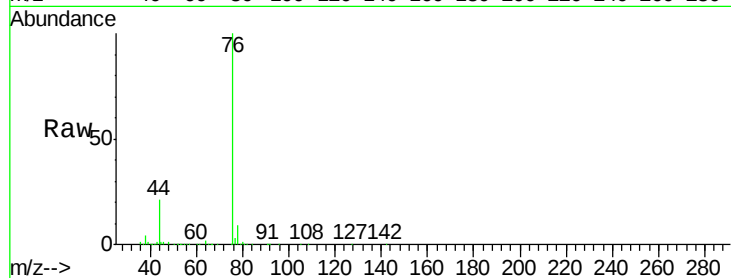
#17
Carbon Disulfide
Concen: 15.849 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

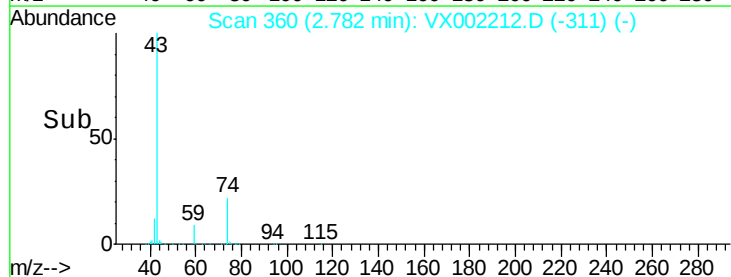
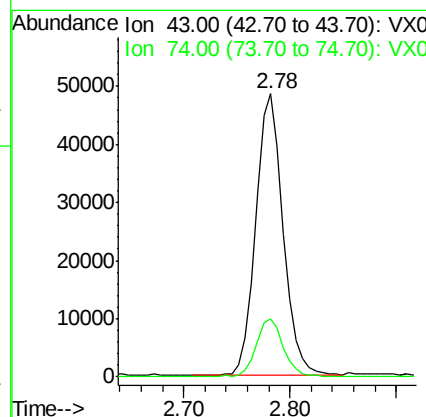
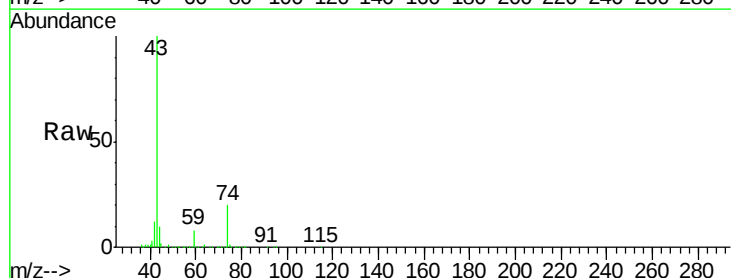
Manual Integrations
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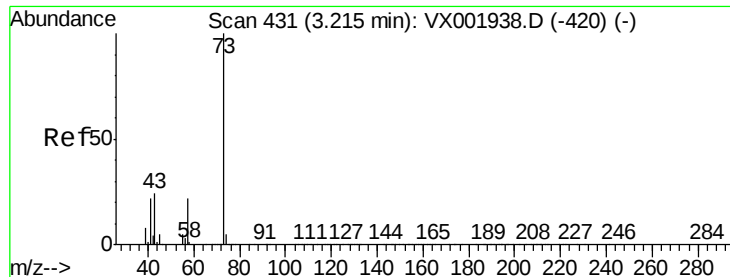
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6/1/2018 6:37:17 PM



#18
Methyl Acetate
Concen: 26.402 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.8	25.2





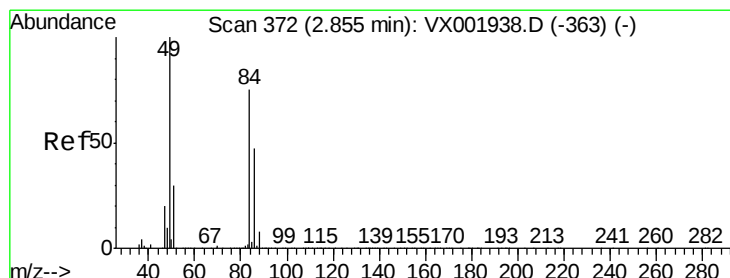
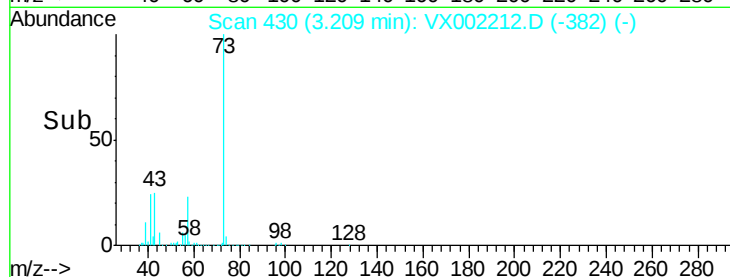
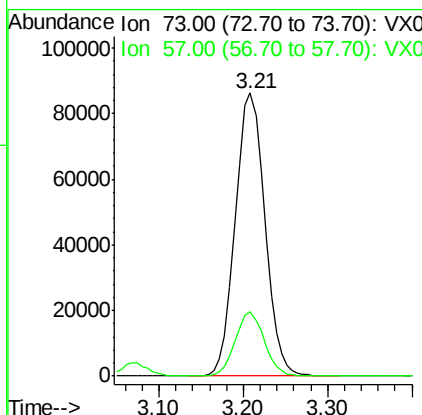
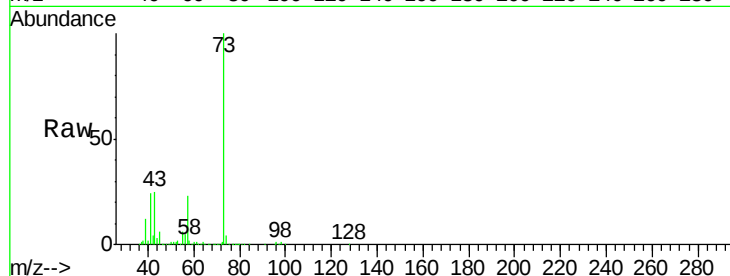
#19
Methyl tert-butyl Ether
Concen: 23.946 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion: 73 Resp: 205264
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0

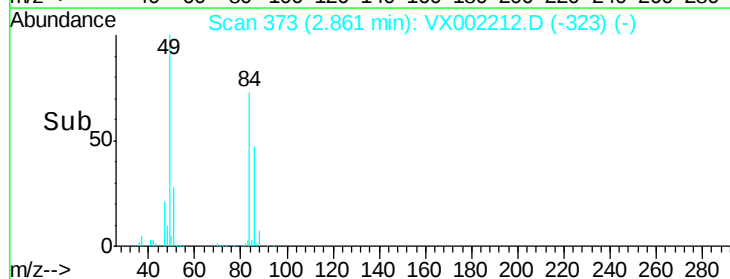
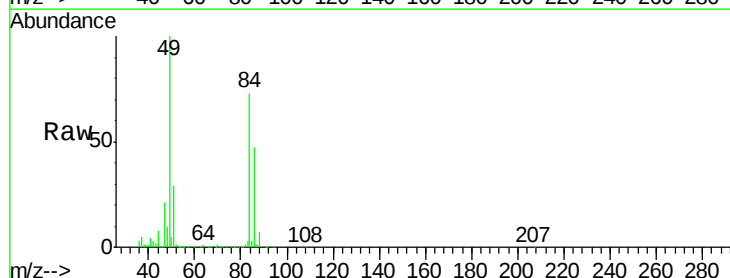
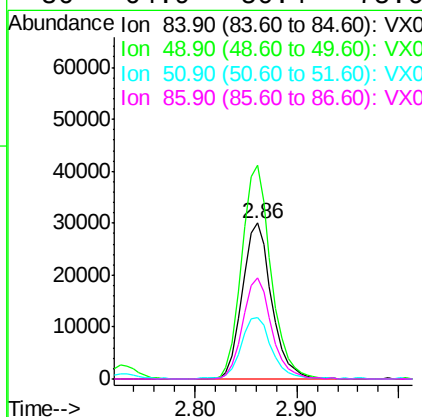
Manual Integrations
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#20
Methylene Chloride
Concen: 24.833 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion: 84 Resp: 59957
Ion Ratio Lower Upper
84 100
49 137.2 107.2 160.8
51 39.3 32.4 48.6
86 64.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 22.747 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

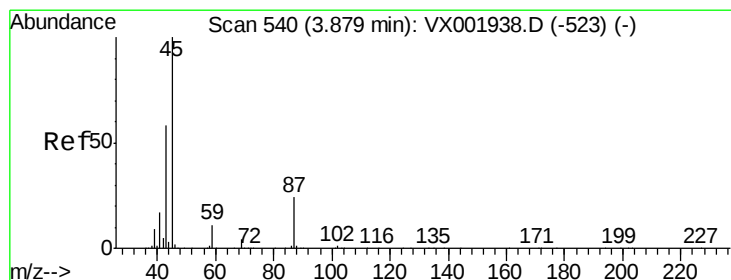
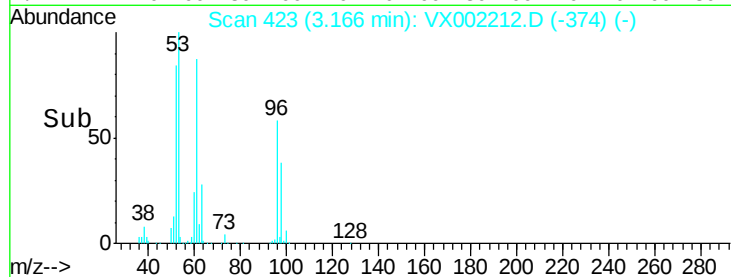
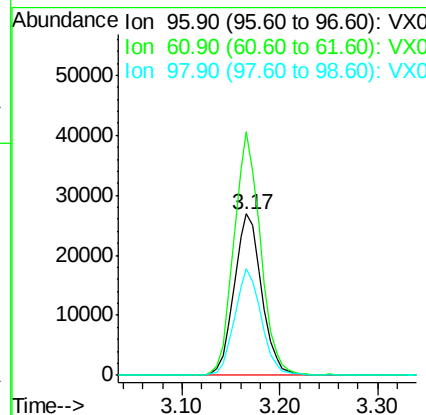
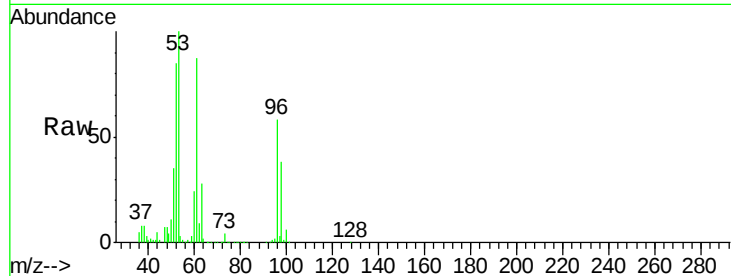
ClientSampleId :

VX0531WBSD06

Tot Ion:	96	Resp:	52381
Ion	Ratio	Lower	Upper
96	100		
61	151.0	113.3	169.9
98	66.1	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.846 ug/l

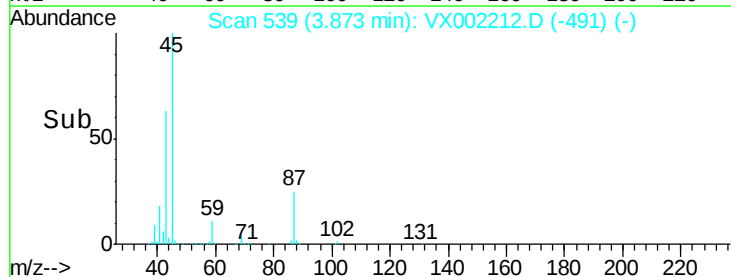
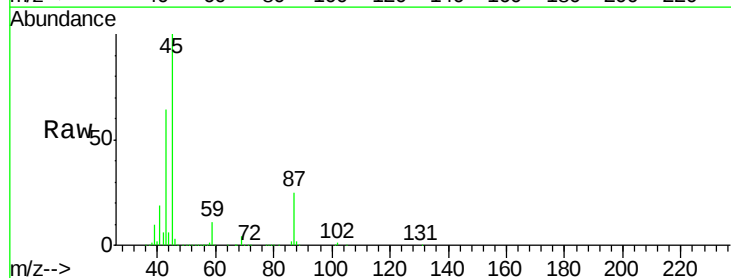
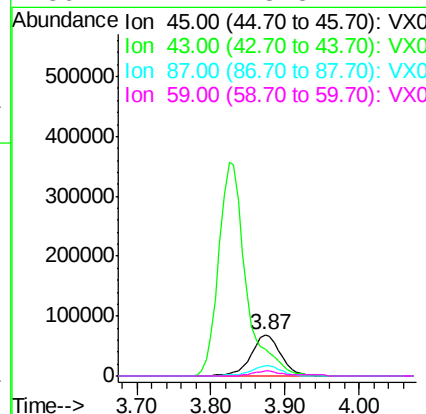
RT: 3.87 min Scan# 539

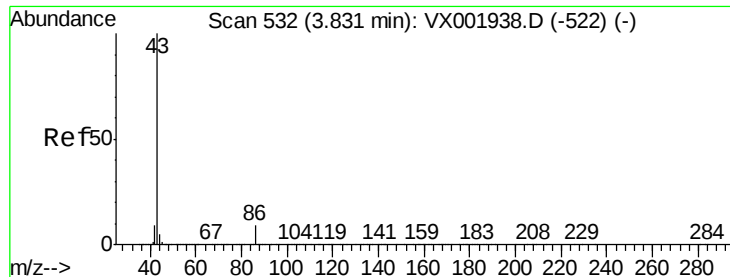
Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion:	45	Resp:	193120
Ion	Ratio	Lower	Upper
45	100		
43	62.7	47.0	70.6
87	24.8	19.4	29.0
59	11.2	8.5	12.7





#23

Vinyl Acetate

Concen: 112.588 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tot Ion: 43 Resp: 908362

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4

Instrument :

MSVOA_X

ClientSampleId :

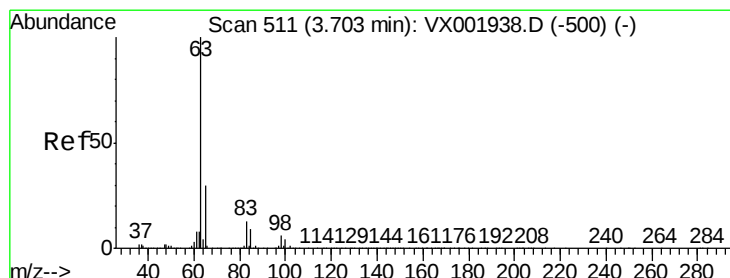
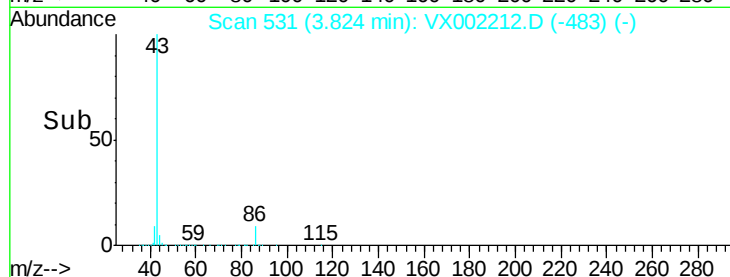
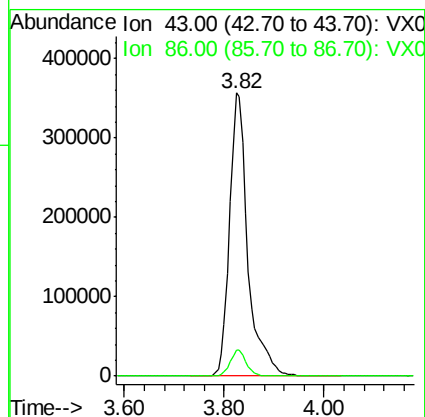
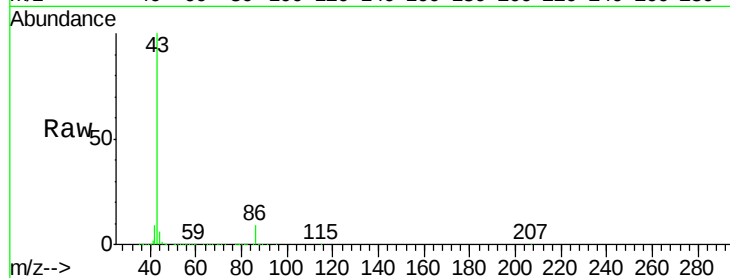
VX0531WBSD06

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6/1/2018 6:37:17 PM



#24

1,1-Dichloroethane

Concen: 23.515 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

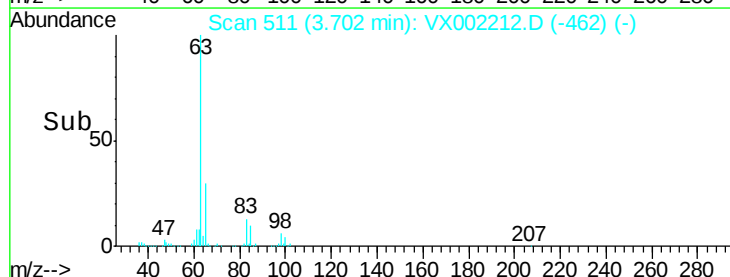
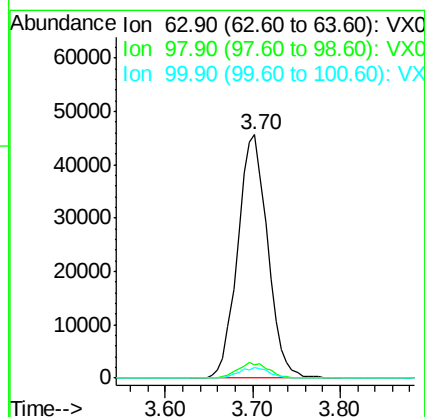
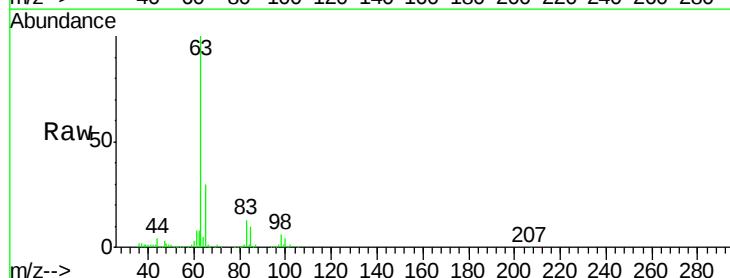
Tgt Ion: 63 Resp: 108696

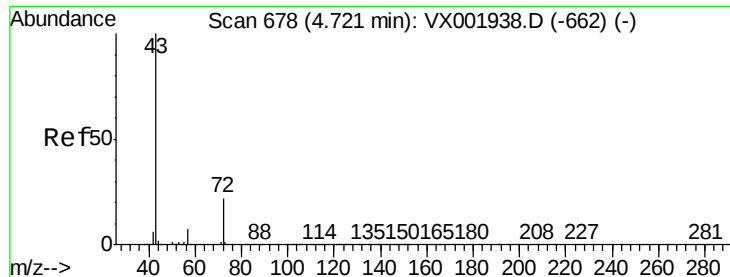
Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.8

100 4.4 2.1 6.5





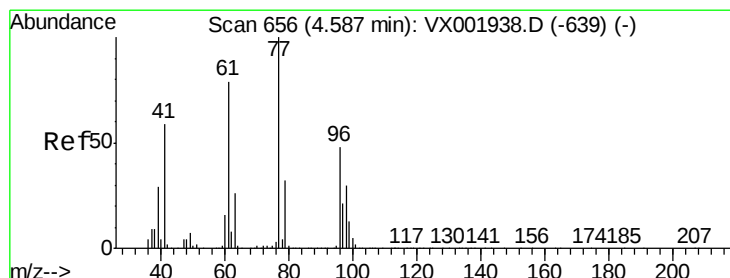
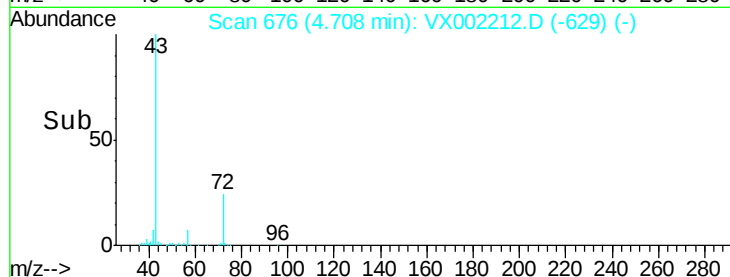
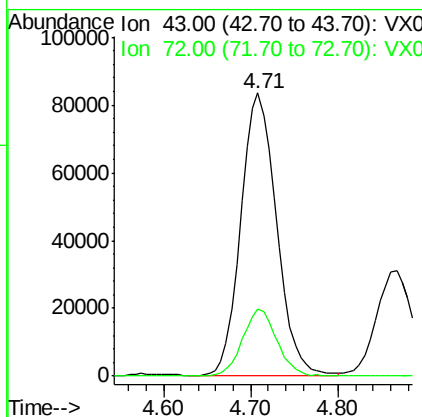
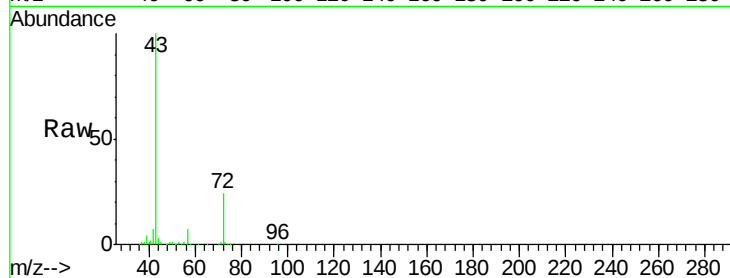
#25
2-Butanone
Concen: 95.341 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion: 43 Resp: 235705
Ion Ratio Lower Upper
43 100
72 23.5 17.9 26.9

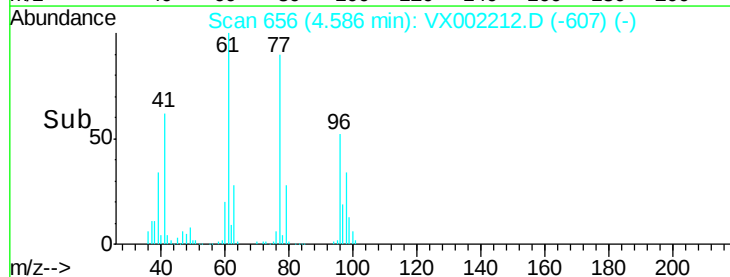
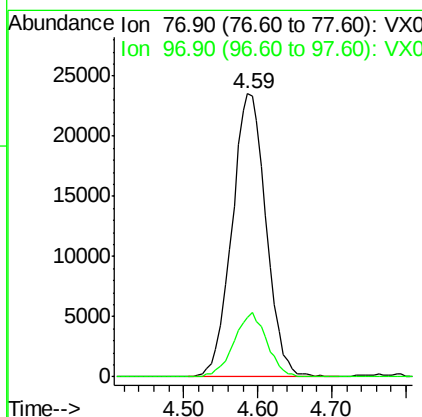
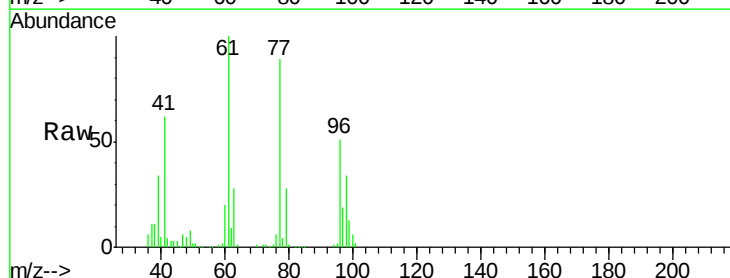
Manual Integrations
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6/1/2018 6:37:17 PM



#26
2,2-Dichloropropane
Concen: 16.051 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion: 77 Resp: 75097
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.5





#27

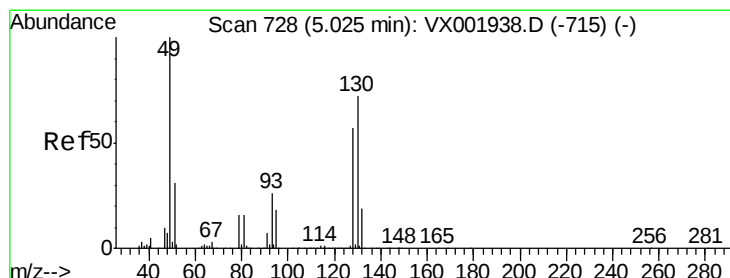
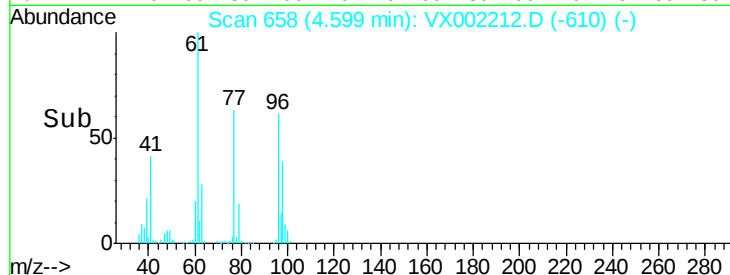
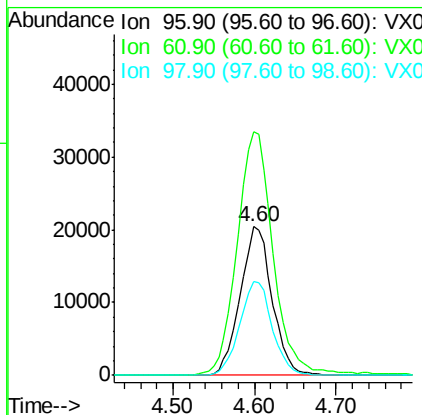
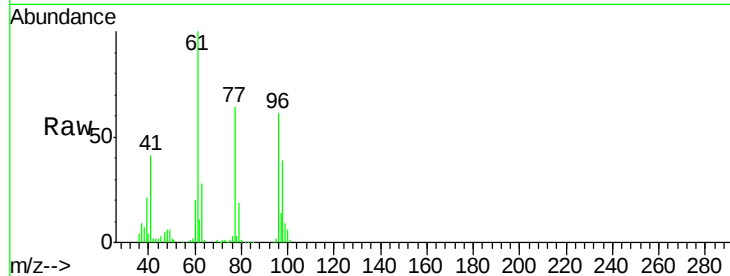
cis-1,2-Dichloroethene
Concen: 18.665 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
96	100		
61	185.6	0.0	348.4
98	64.1	0.0	128.6

Manual Integrations
APPROVED

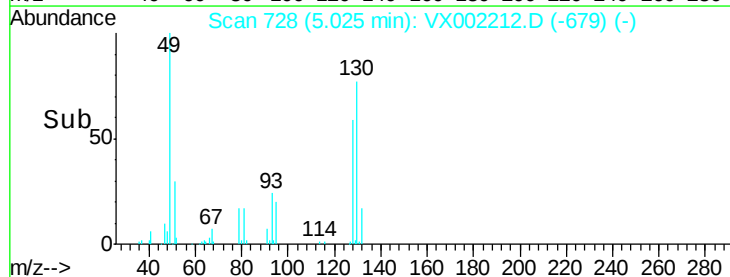
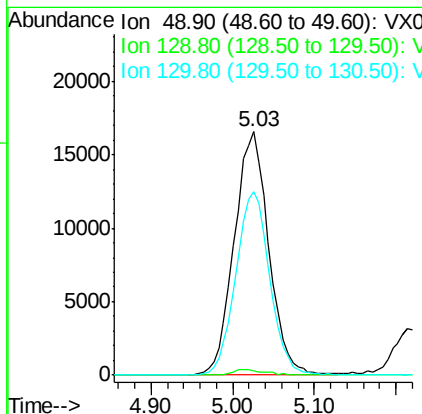
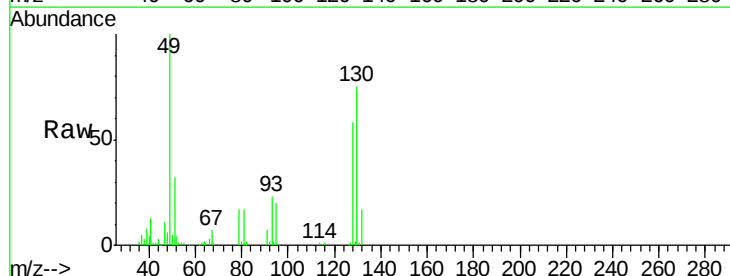
MMDadoda
6/1/2018 6:37:17 PM



#28

Bromochloromethane
Concen: 23.951 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	74.2	59.4	89.2





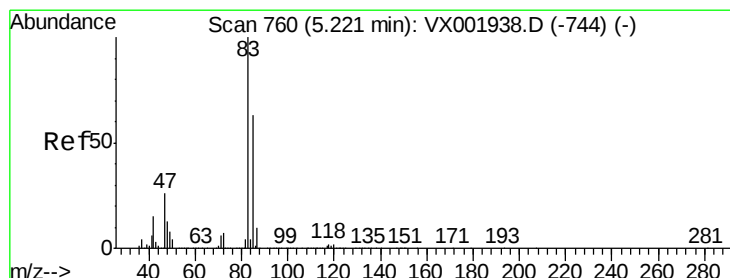
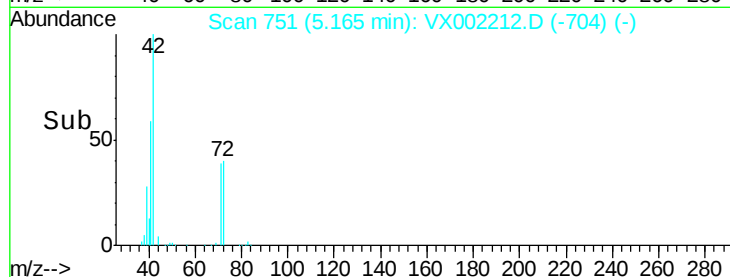
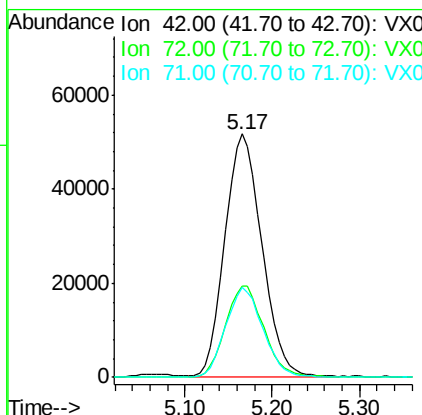
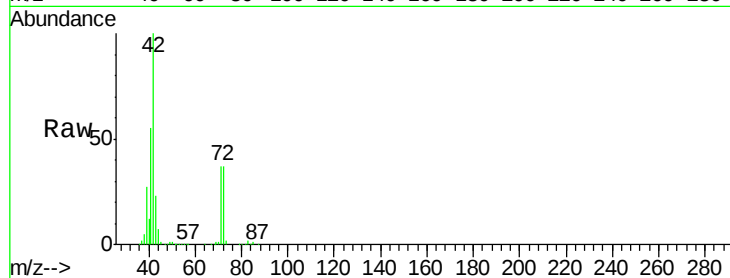
#29
Tetrahydrofuran
Concen: 94.270 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.4	47.0
71	37.7	29.5	44.3

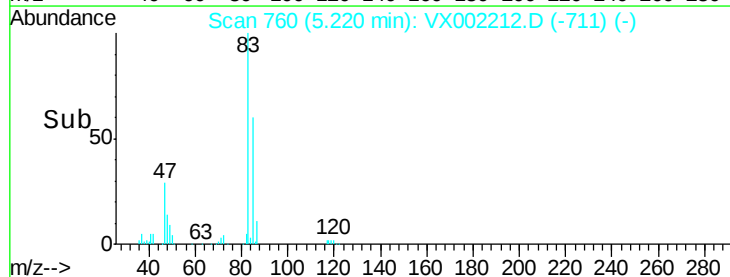
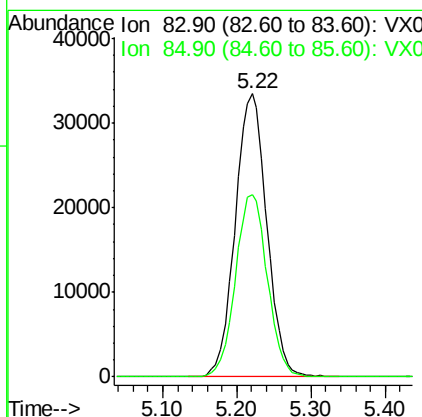
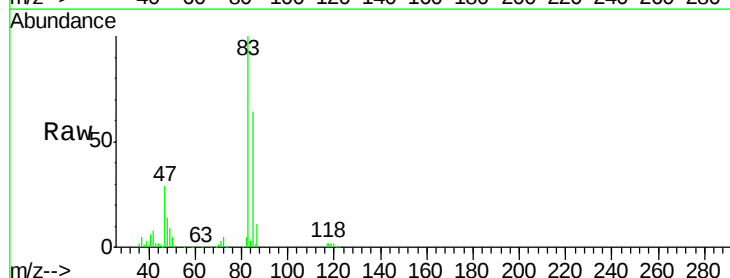
Manual Integrations
APPROVED

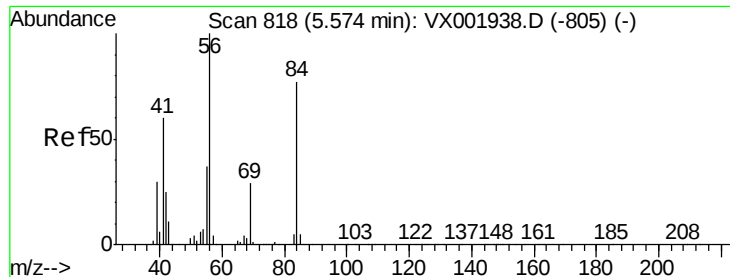
MMDadoda
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#30
Chloroform
Concen: 19.121 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3





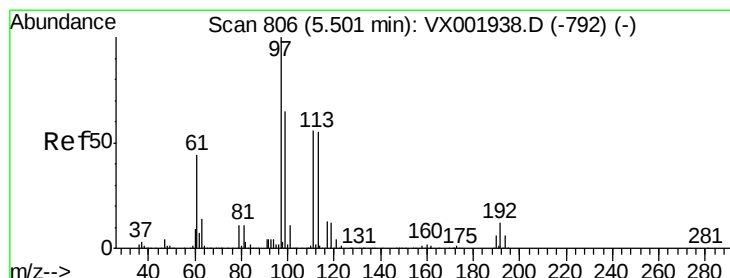
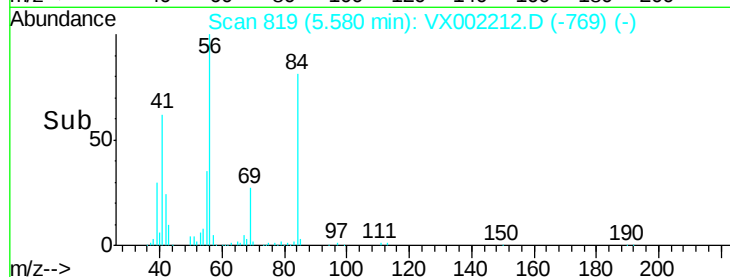
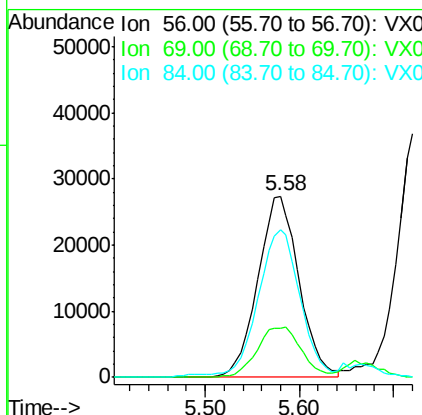
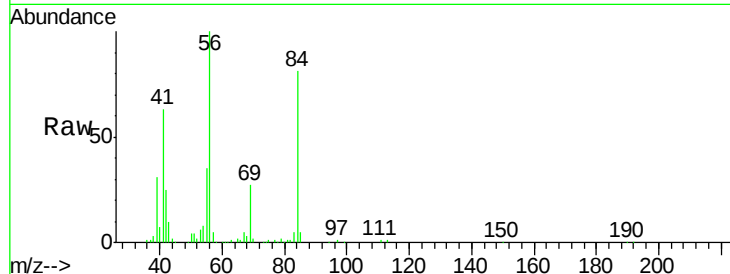
#31
Cyclohexane
Concen: 17.368 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.4	23.1	34.7
84	79.3	62.0	93.0

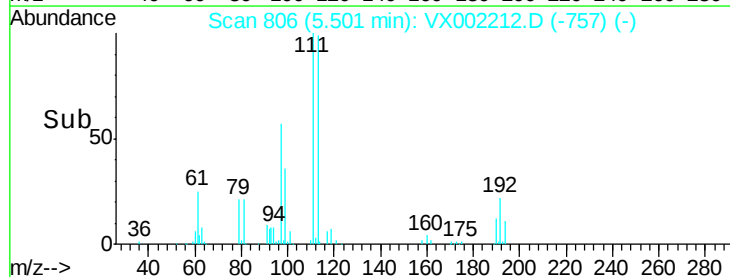
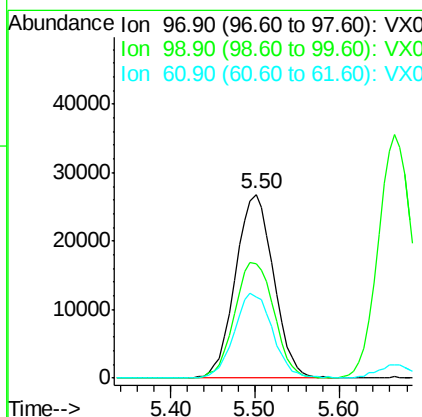
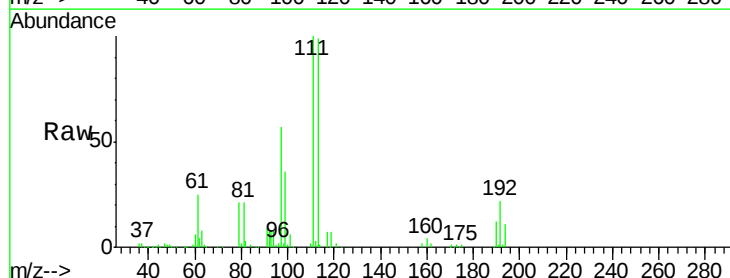
Manual Integrations
APPROVED

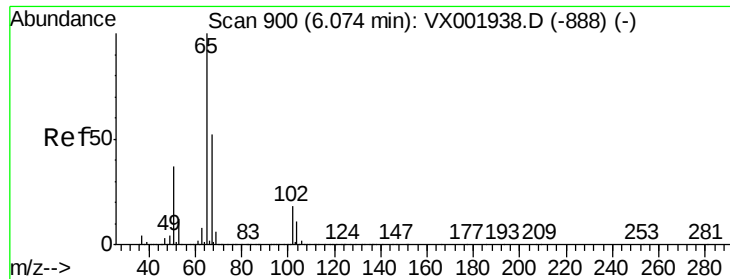
MMDadoda
6/1/2018 6:37:17 PM



#32
1,1,1-Trichloroethane
Concen: 16.973 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.9	77.9
61	46.4	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 54.065 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion: 65 Resp: 188964

Ion Ratio Lower Upper

65 100

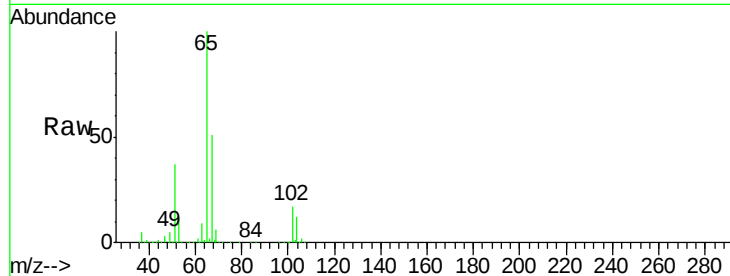
67 50.7 0.0 104.0

Manual Integrations

APPROVED

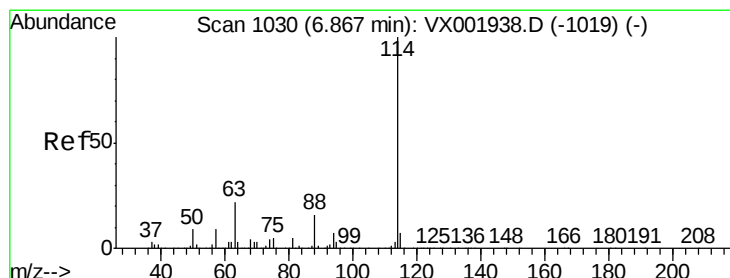
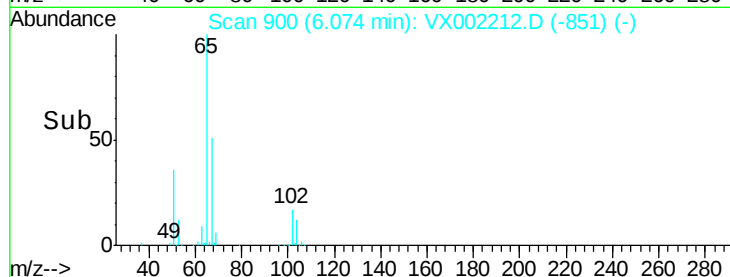
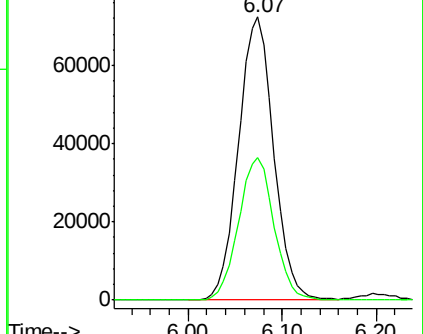
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

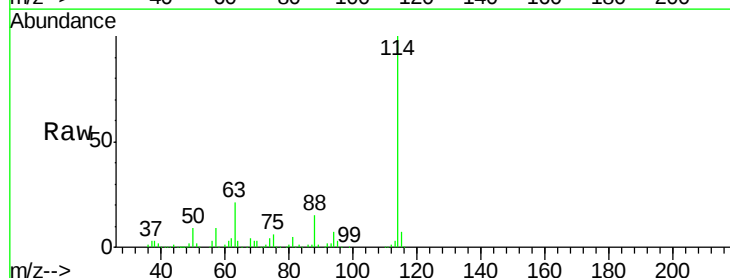
Tgt Ion: 114 Resp: 273127

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

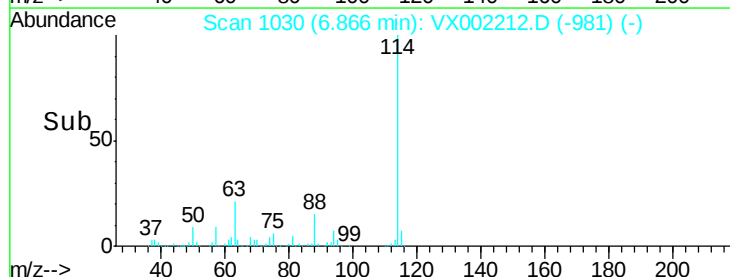
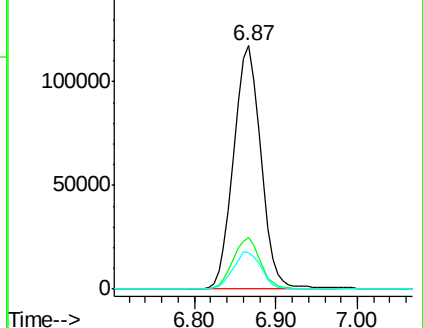
88 15.1 0.0 31.6

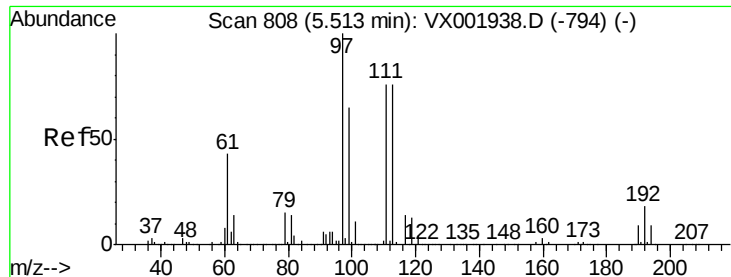


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.559 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

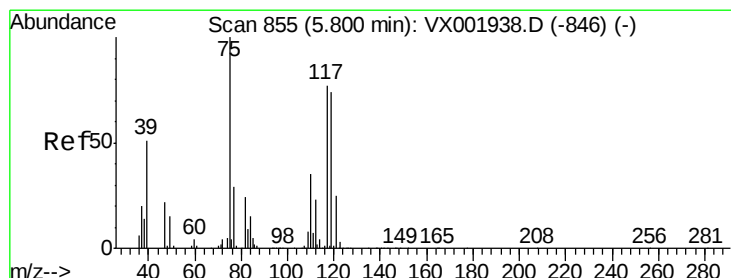
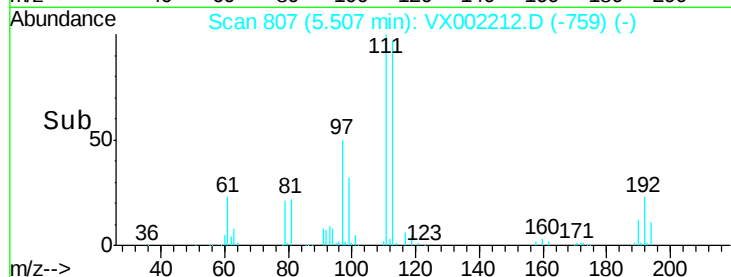
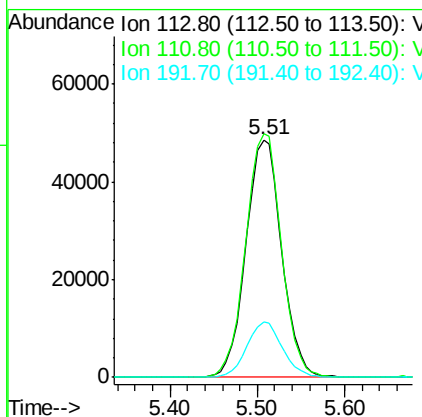
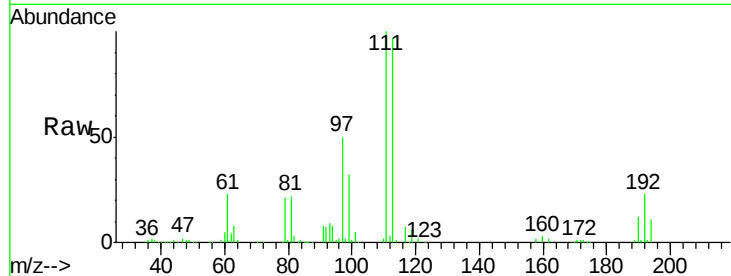
ClientSampleId :

VX0531WBSD06

Tot Ion:	113	Resp:	138091
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.0	123.0
192	23.2	18.9	28.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.880 ug/l

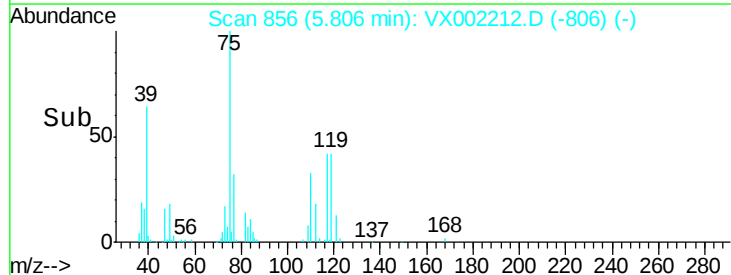
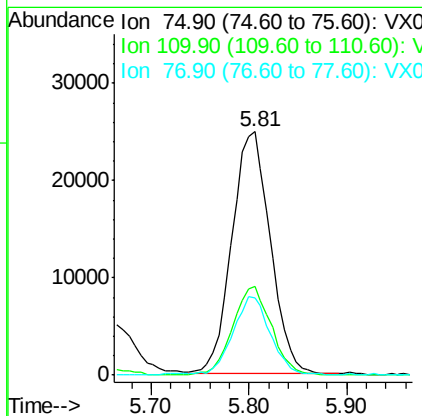
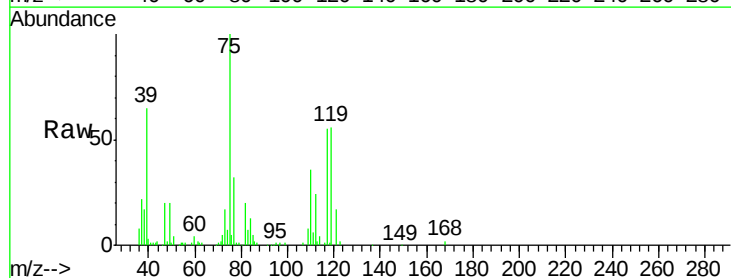
RT: 5.81 min Scan# 856

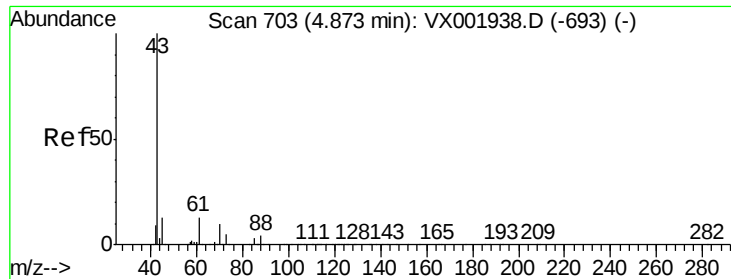
Delta R.T. 0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion:	75	Resp:	67927
Ion Ratio	Lower	Upper	
75	100		
110	36.8	17.4	52.2
77	32.3	24.4	36.6





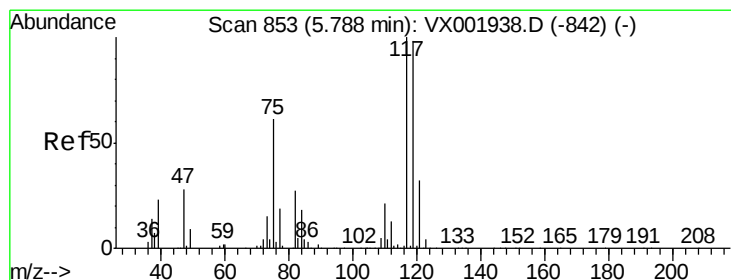
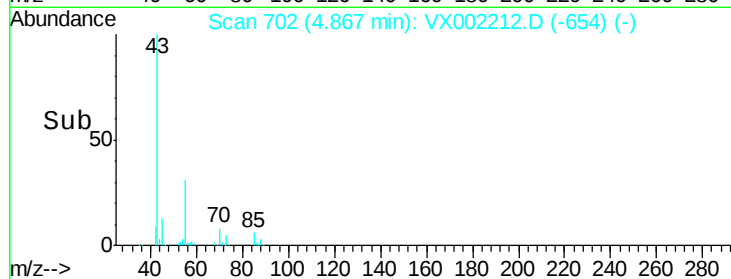
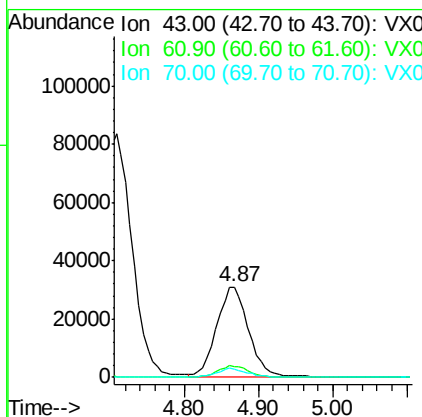
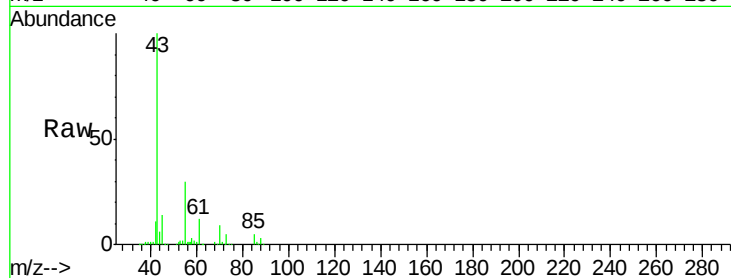
#37
Ethyl Acetate
Concen: 18.374 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.2	15.2
70	9.4	7.8	11.8

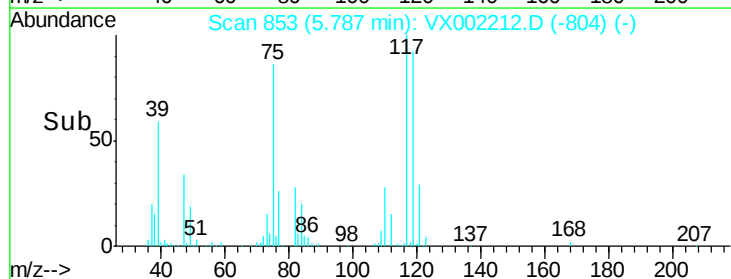
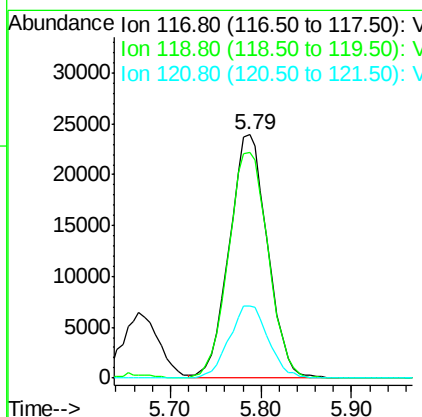
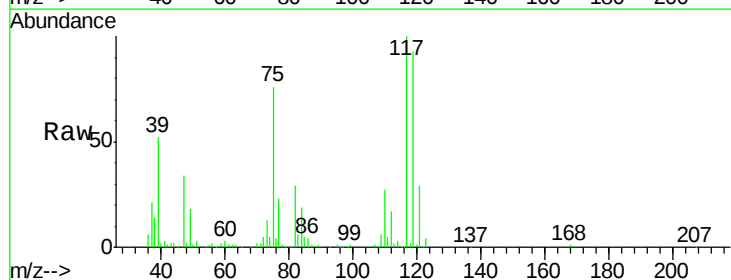
Manual Integrations
APPROVED

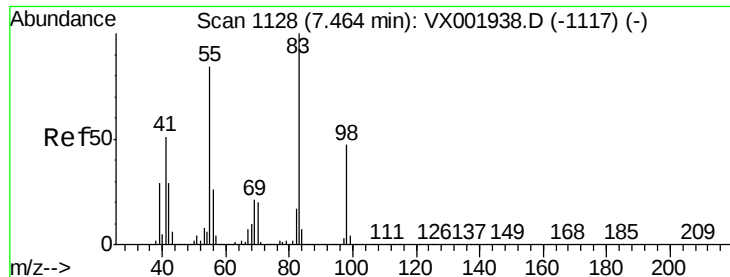
MMDadoda
6/1/2018 6:37:17 PM



#38
Carbon Tetrachloride
Concen: 15.793 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.5	117.7
121	29.4	25.5	38.3





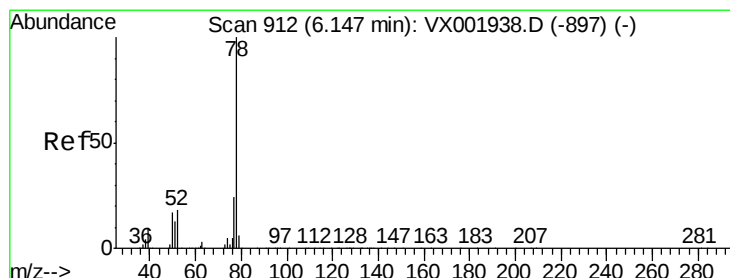
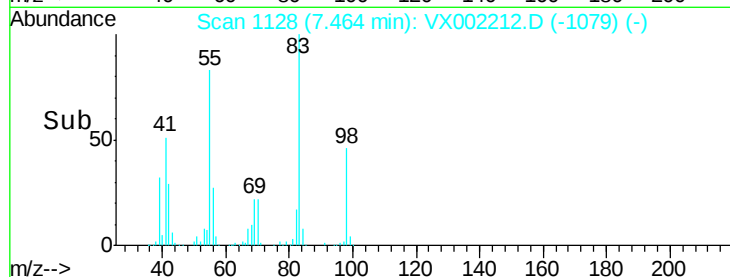
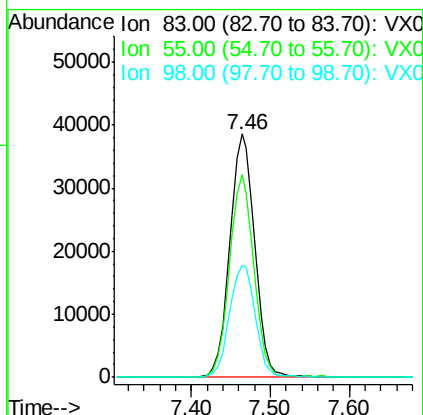
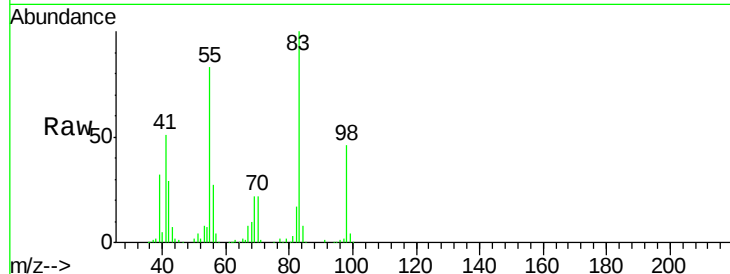
#39
Methvlcvclohexane
Concen: 18.183 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.2	67.3	100.9
98	45.9	37.5	56.3

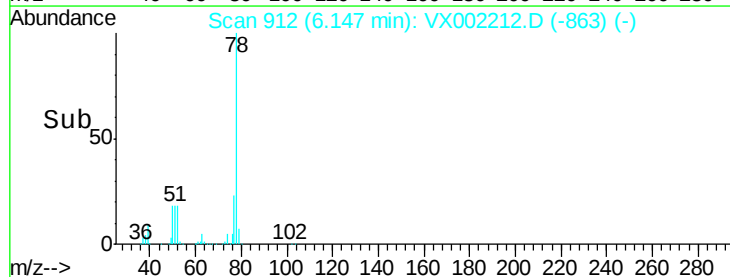
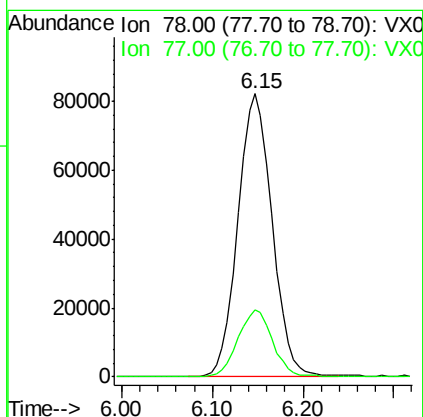
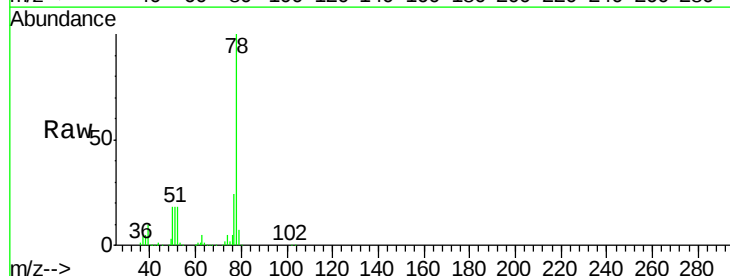
Manual Integrations
APPROVED

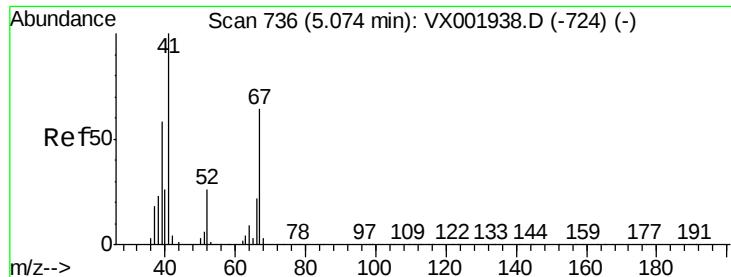
MMDadoda
6/1/2018 6:37:17 PM



#40
Benzene
Concen: 19.332 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





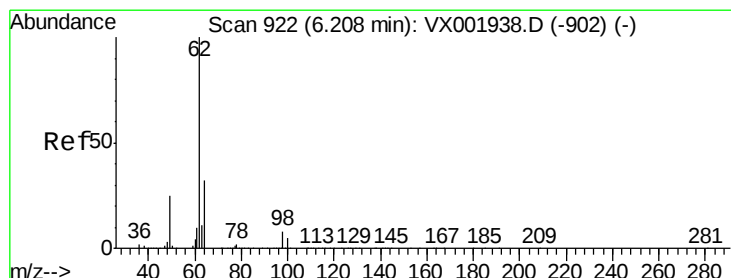
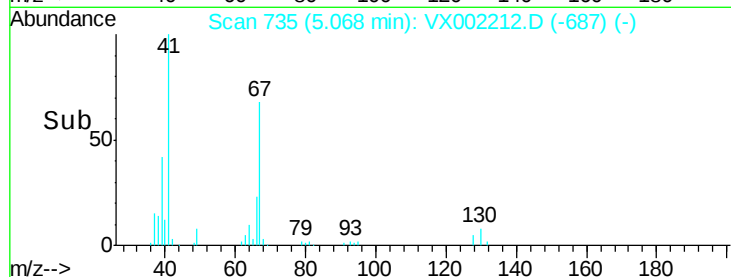
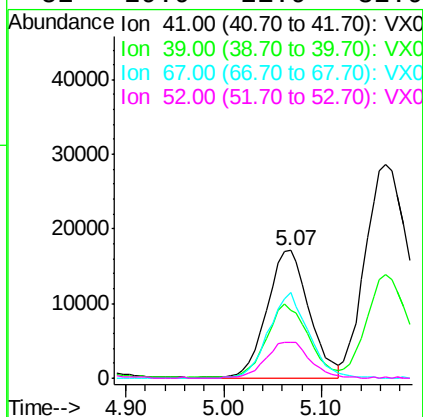
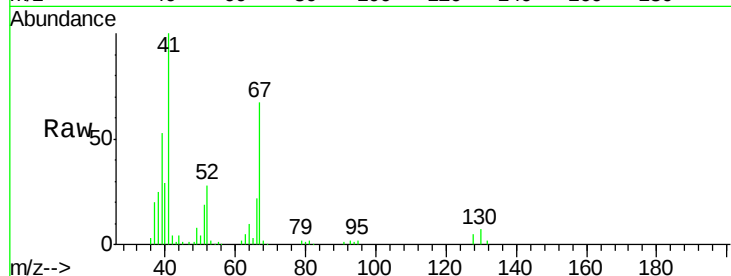
#41
Methacrylonitrile
Concen: 18.671 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	46.0	69.0	
67	64.5	50.6	75.8	
52	29.9	21.9	32.9	

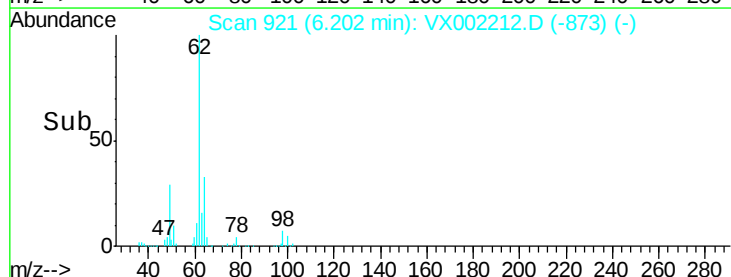
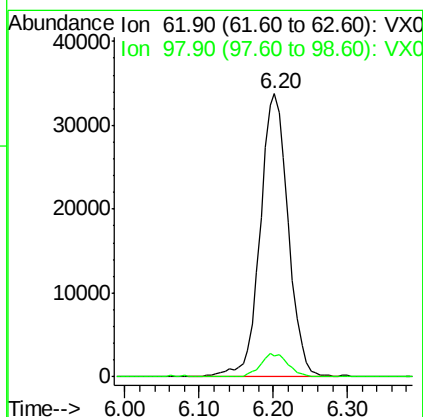
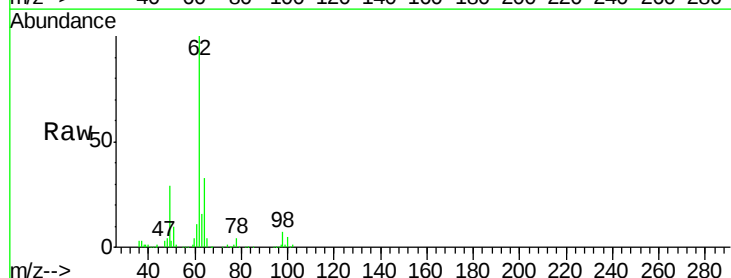
Manual Integrations
APPROVED

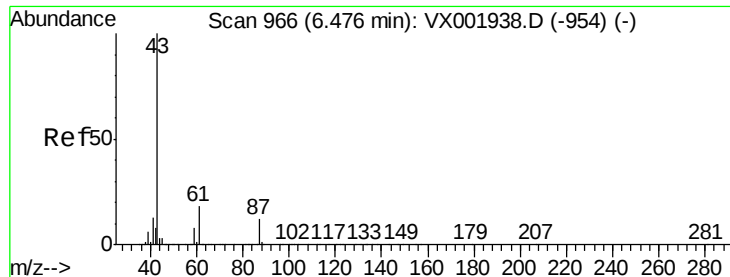
MMDadoda
6/1/2018 6:37:17 PM



#42
1,2-Dichloroethane
Concen: 19.843 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	17.0	





#43

Isopropyl Acetate

Concen: 18.149 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

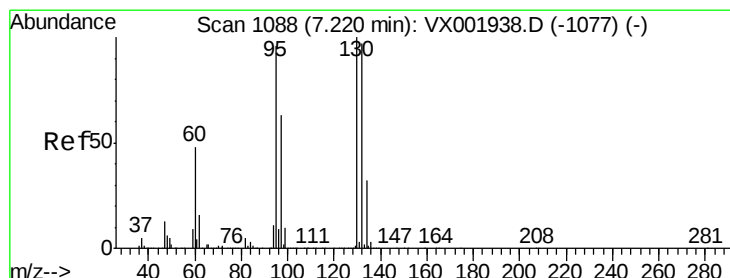
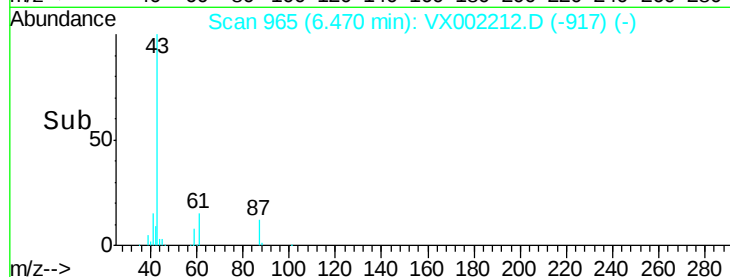
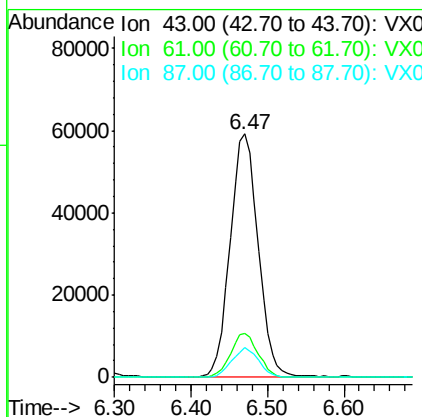
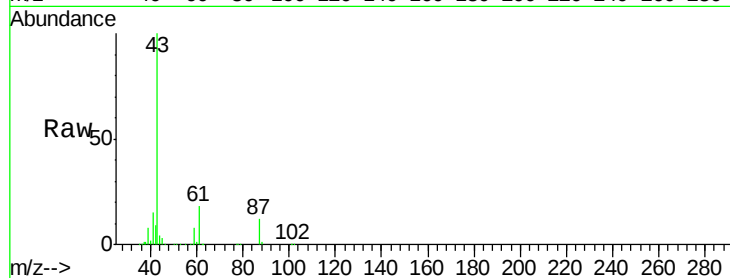
ClientSampleId :

VX0531WBSD06

Tot Ion:	43	Resp:	149779
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.5	21.7
87	11.8	9.5	14.3

Manual Integrations
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6/1/2018 6:37:17 PM



#44

Trichloroethene

Concen: 18.723 ug/l

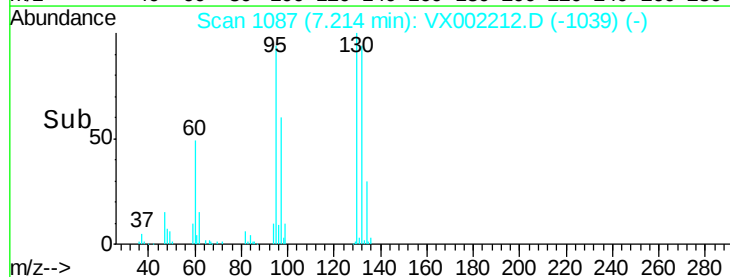
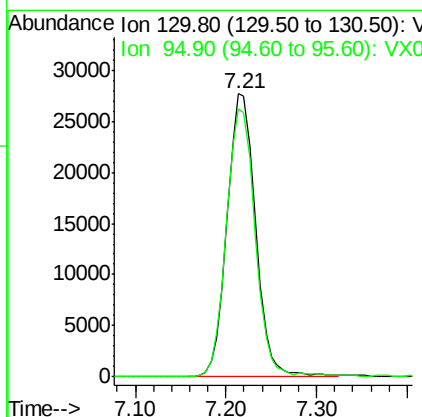
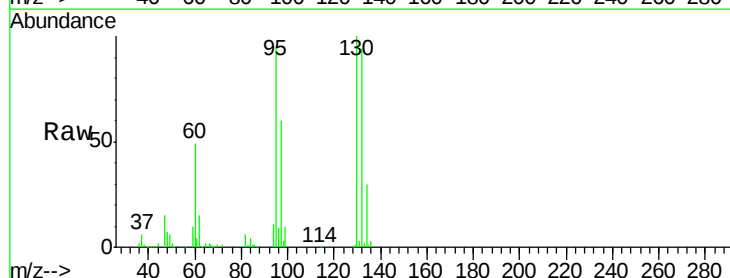
RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion:	130	Resp:	60726
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.171 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion: 63 Resp: 57947

Ion Ratio Lower Upper

63 100

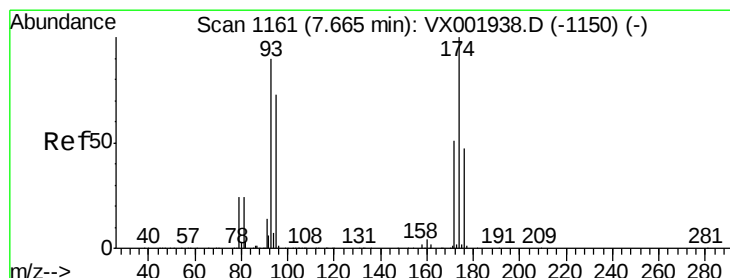
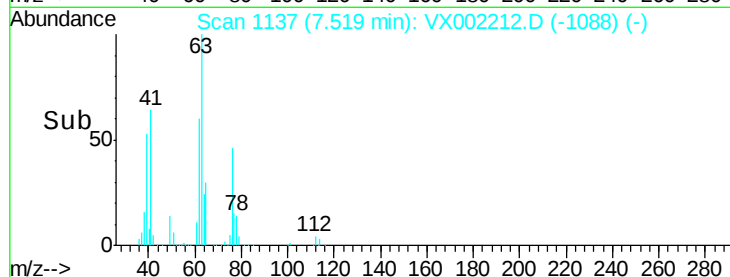
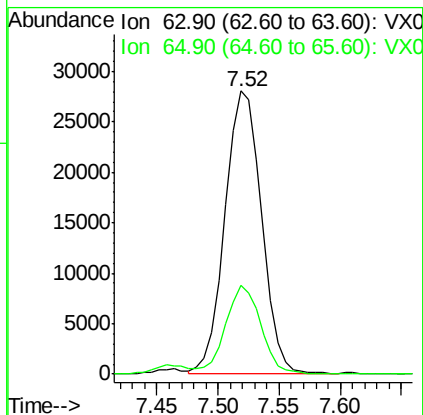
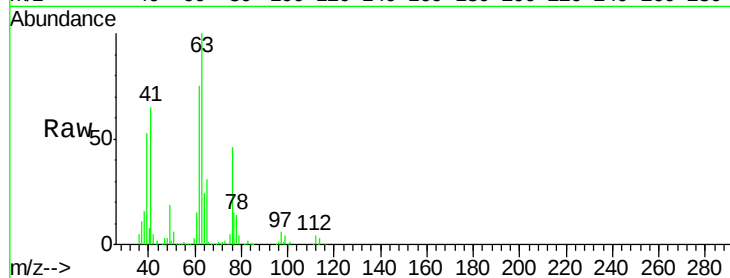
65 31.5 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 19.778 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

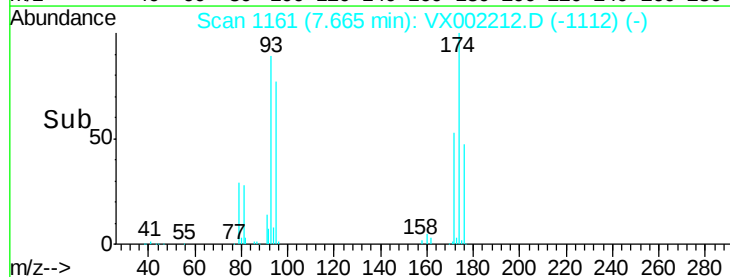
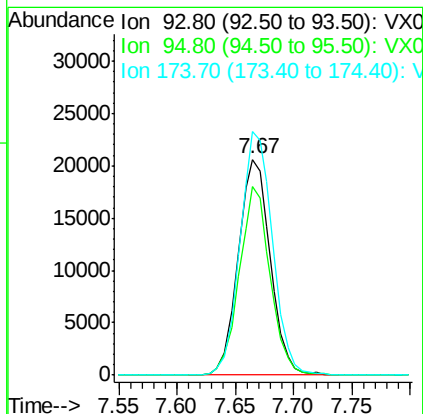
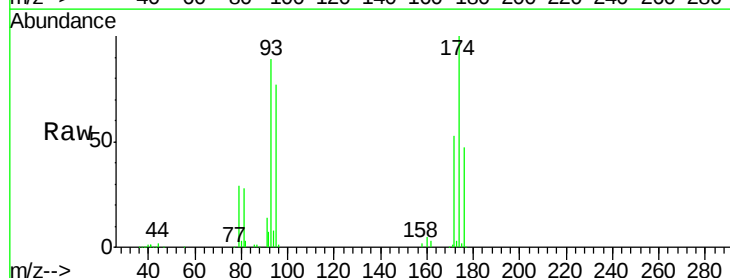
Tgt Ion: 93 Resp: 39580

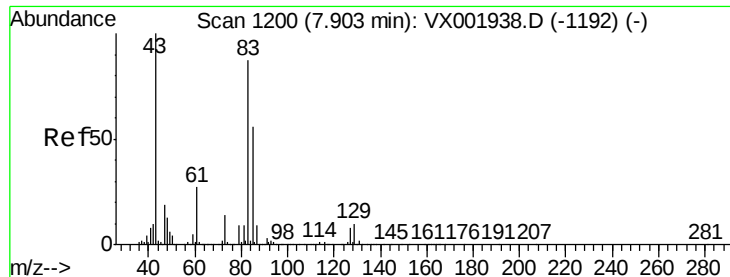
Ion Ratio Lower Upper

93 100

95 84.2 66.1 99.1

174 114.1 92.5 138.7





#47

Bromodichloromethane

Concen: 16.207 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

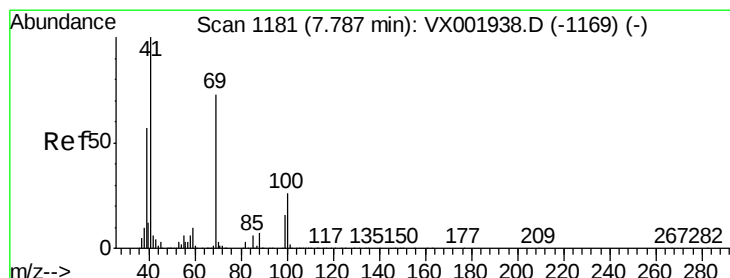
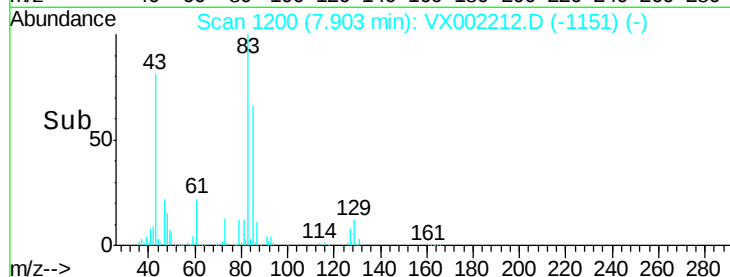
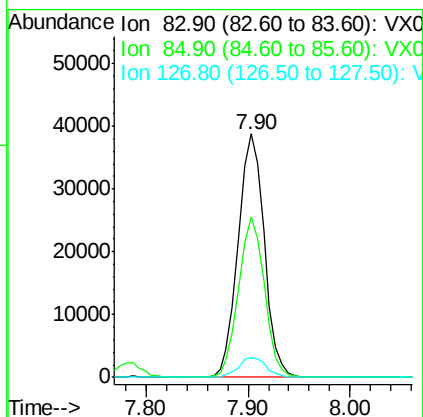
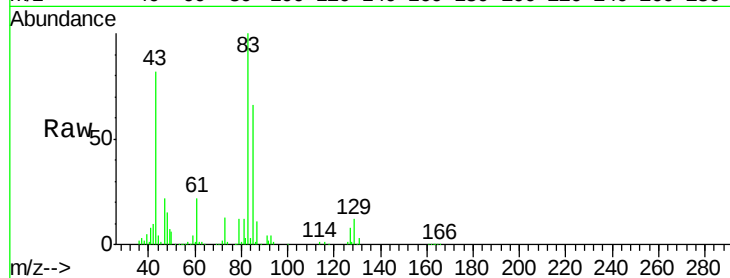
ClientSampleId :

VX0531WBSD06

Tot Ion:	83	Resp:	69155
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.4	77.2
127	8.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.295 ug/l

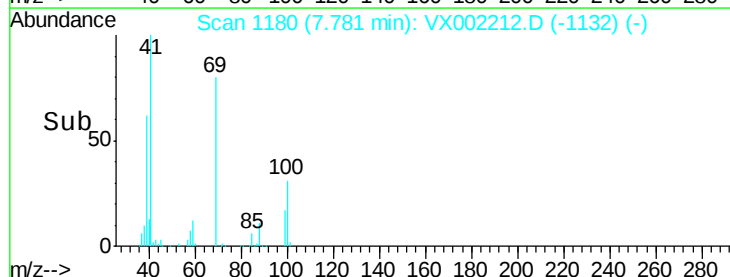
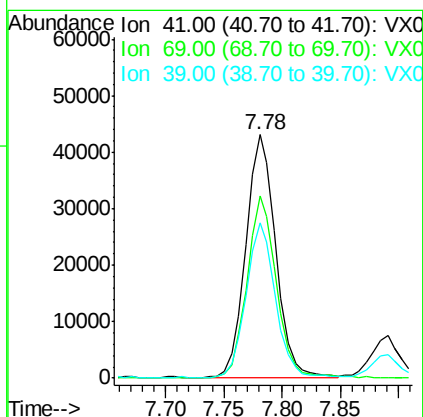
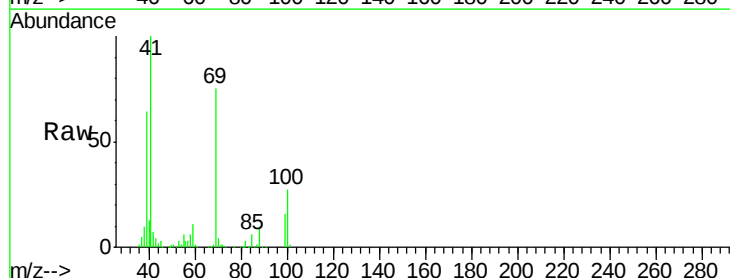
RT: 7.78 min Scan# 1180

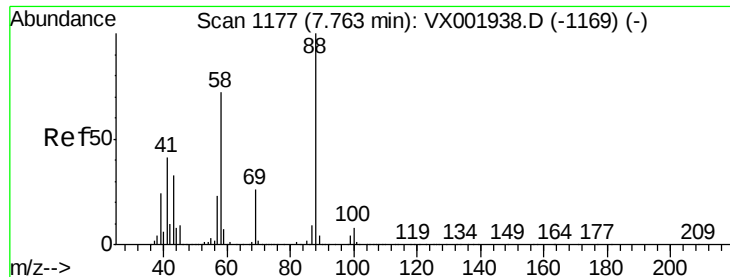
Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion:	41	Resp:	76843
Ion Ratio	Lower	Upper	
41	100		
69	74.0	58.6	87.8
39	63.4	46.3	69.5





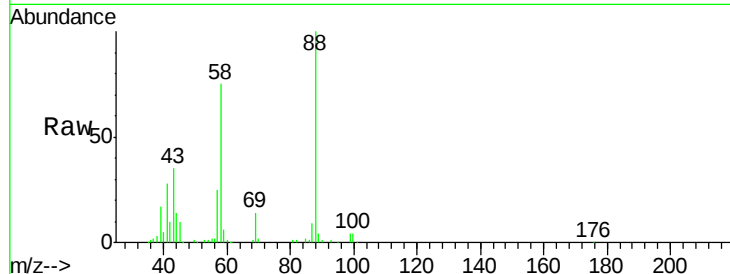
#49
1,4-Dioxane
Concen: 404.102 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	29.8	44.8
58	74.7	58.7	88.1

Manual Integrations
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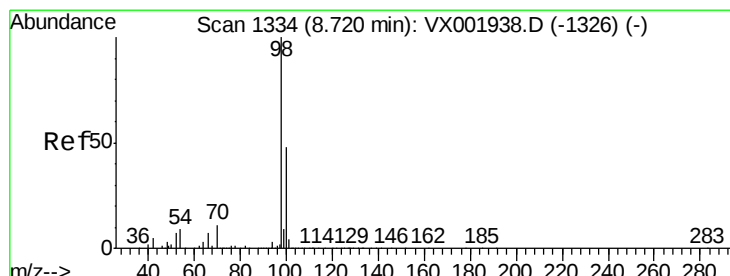
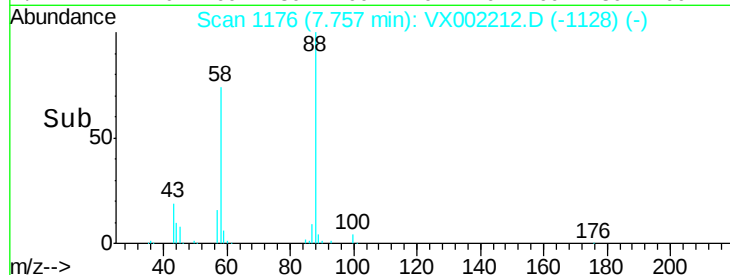
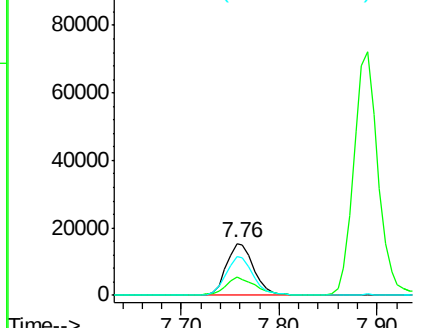


Abundance

Ion 88.00 (87.70 to 88.70): VX0

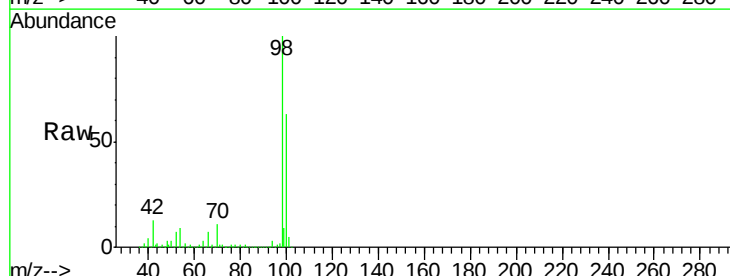
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 53.576 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

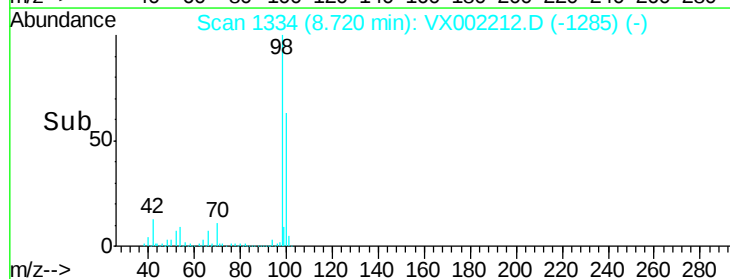
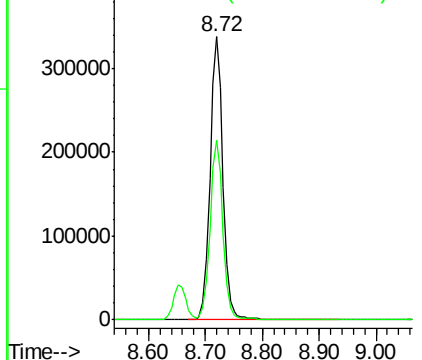
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3

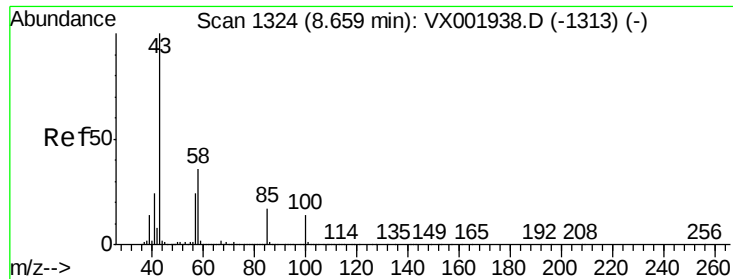


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 98.744 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion: 43 Resp: 491235

Ion Ratio Lower Upper

43 100

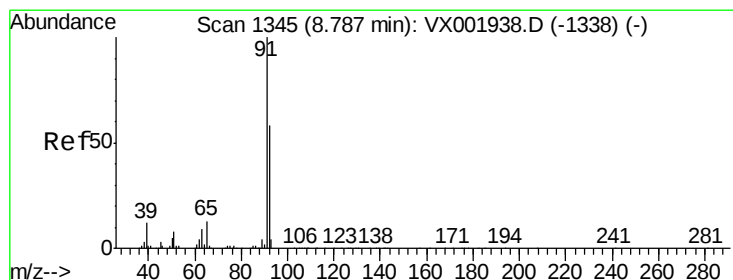
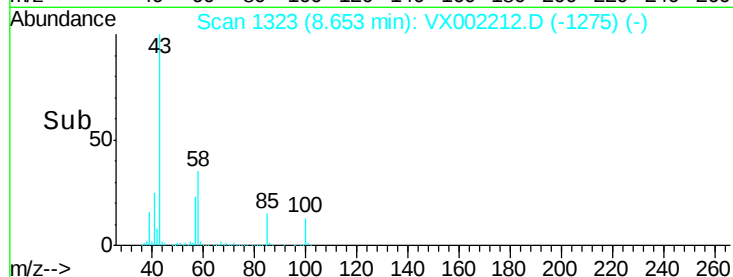
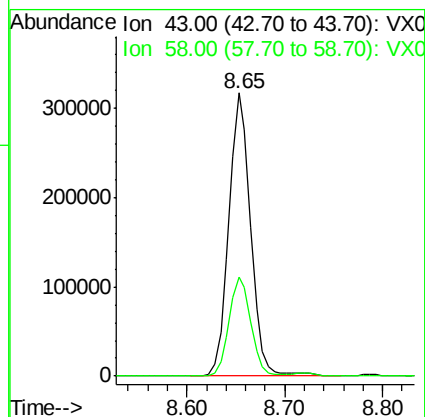
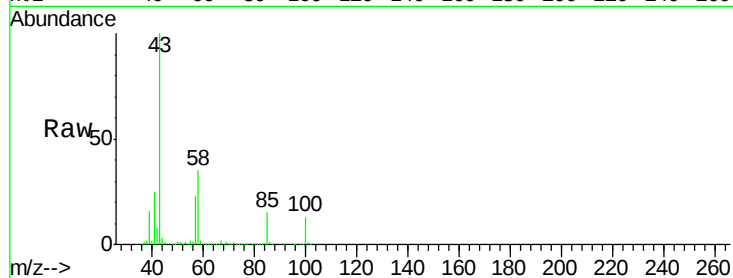
58 34.9 28.5 42.7

Manual Integrations

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#52

Toluene

Concen: 19.702 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002212.D

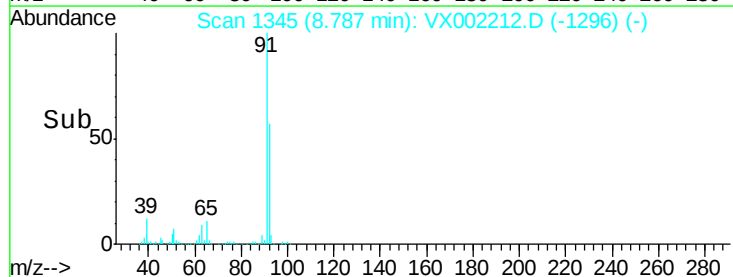
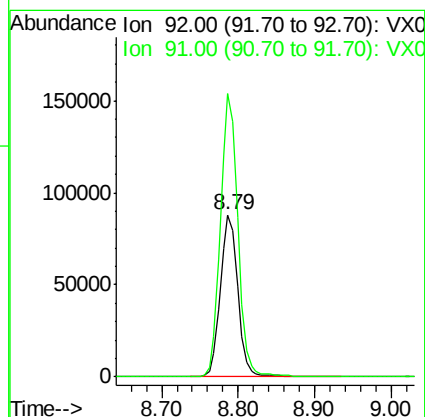
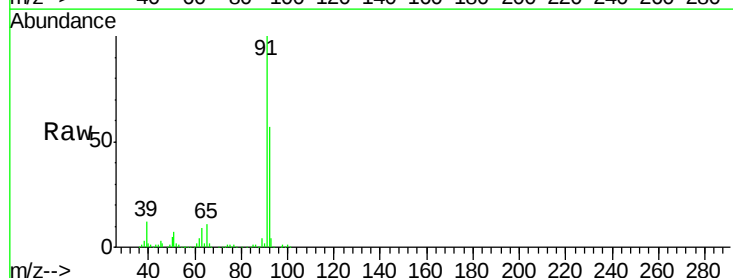
Acq: 01 Jun 2018 11:34

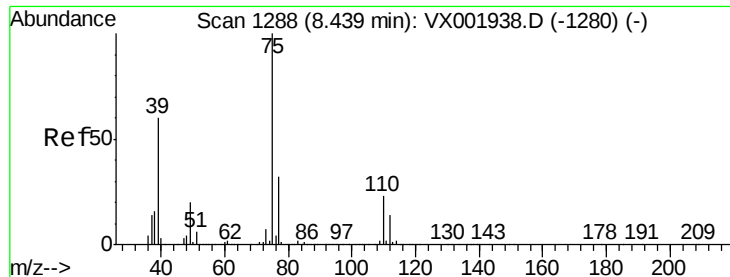
Tgt Ion: 92 Resp: 139552

Ion Ratio Lower Upper

92 100

91 174.3 139.4 209.2





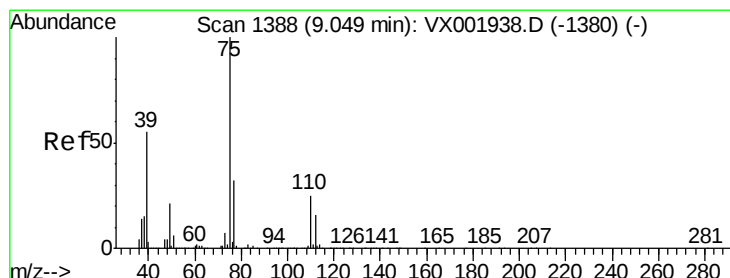
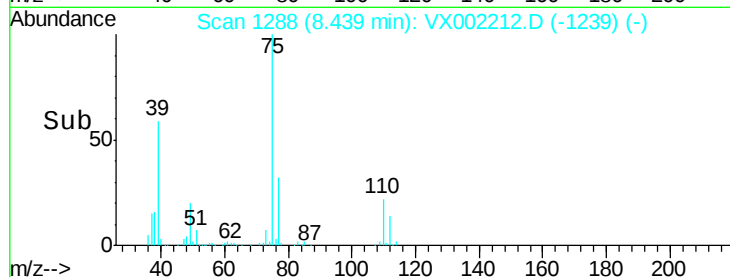
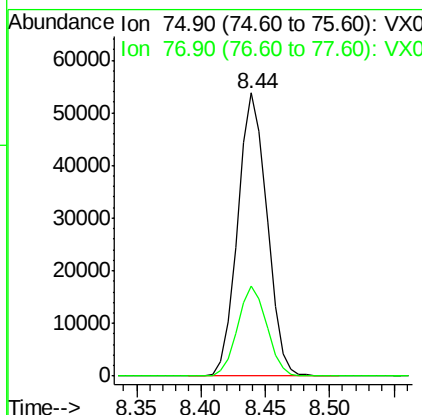
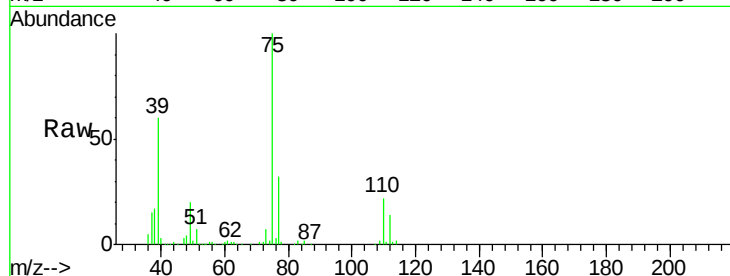
#53
t-1,3-Dichloropropene
Concen: 17.239 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3

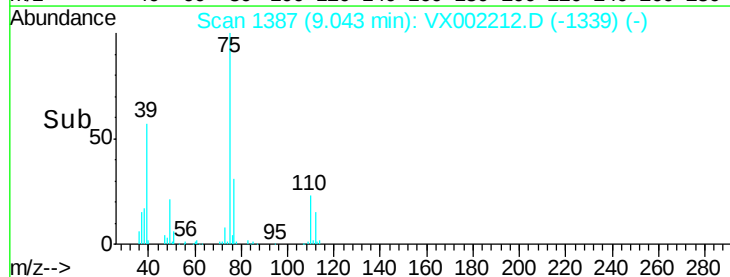
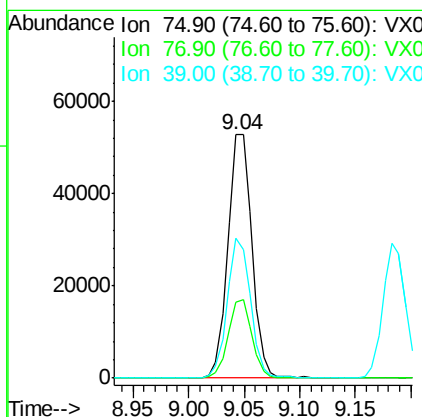
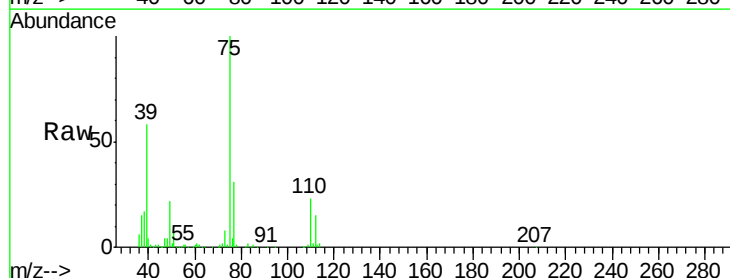
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 16.493 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.0
39	57.5	44.1	66.1





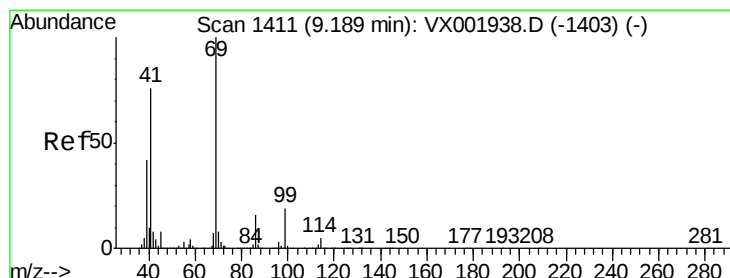
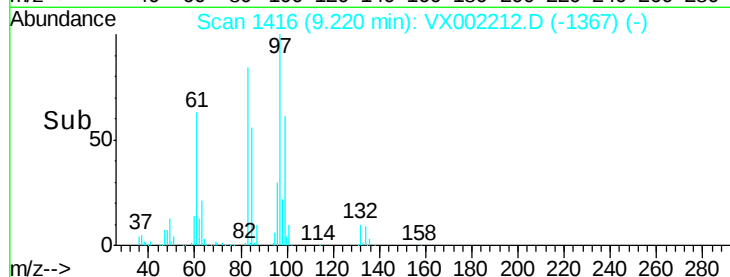
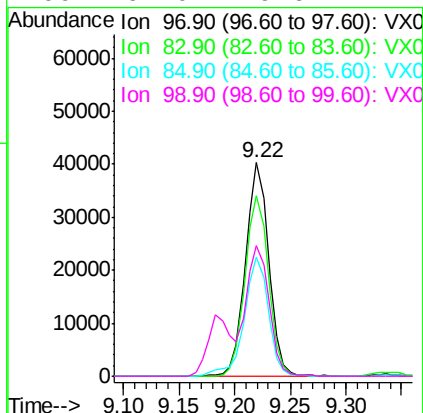
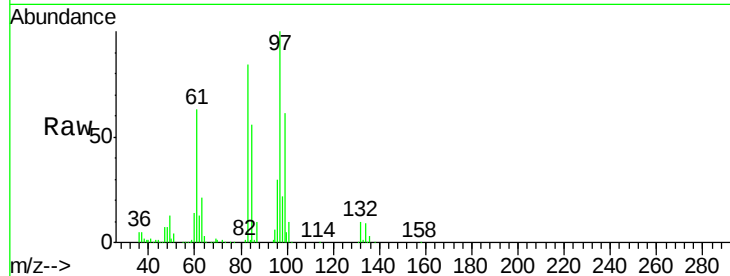
#55
 1,1,2-Trichloroethane
 Concen: 19.893 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD06

Tot Ion:	97	Resp:	58865
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.1	103.7
85	55.8	45.2	67.8
99	61.0	49.6	74.4

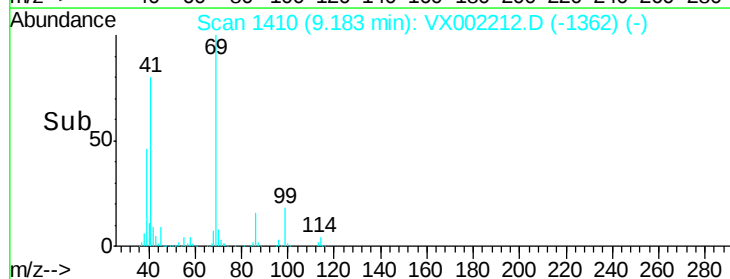
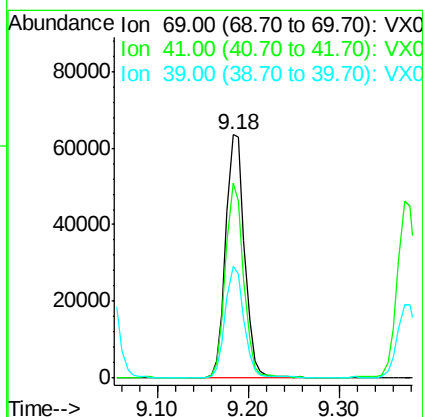
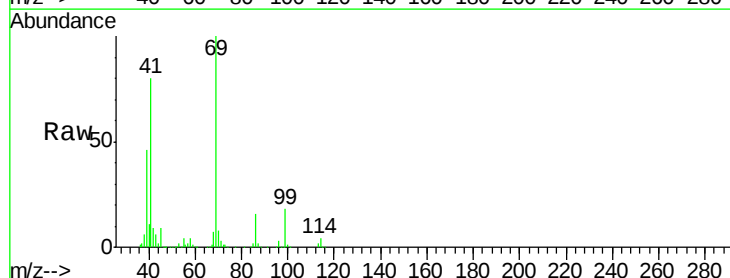
Manual Integrations
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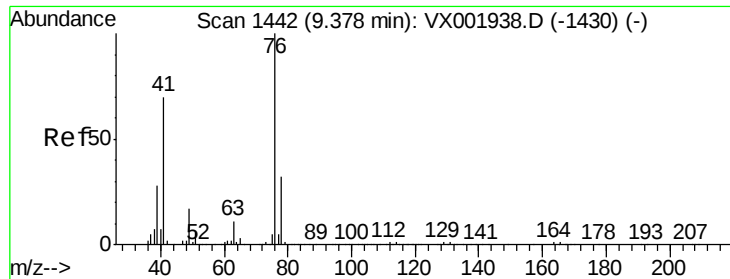
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 6/1/2018 6:37:17 PM



#56
 Ethyl methacrylate
 Concen: 18.209 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion:	69	Resp:	92680
Ion	Ratio	Lower	Upper
69	100		
41	76.8	61.0	91.6
39	45.5	34.4	51.6





#57

1,3-Dichloropropane

Concen: 20.169 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion: 76 Resp: 98318

Ion Ratio Lower Upper

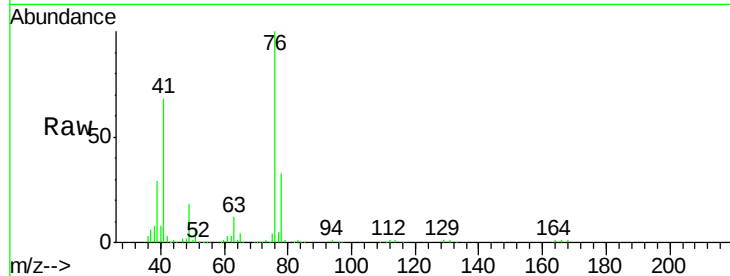
76 100

78 32.3 25.6 38.4

Manual Integrations
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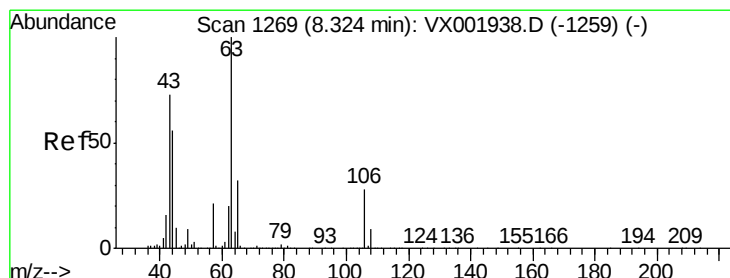
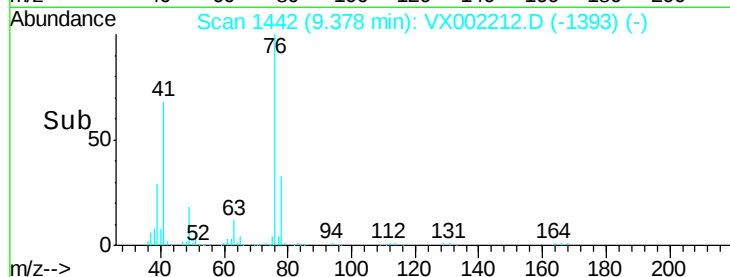
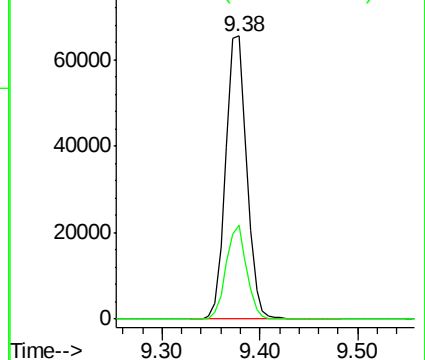
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 88.336 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002212.D

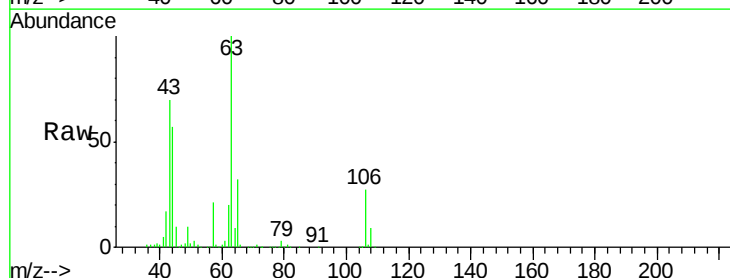
Acq: 01 Jun 2018 11:34

Tgt Ion: 63 Resp: 199274

Ion Ratio Lower Upper

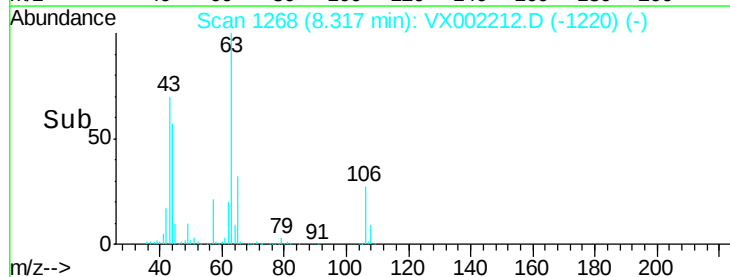
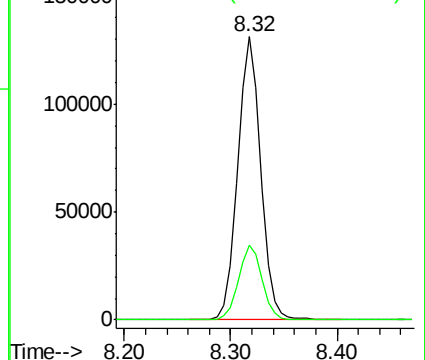
63 100

106 27.0 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





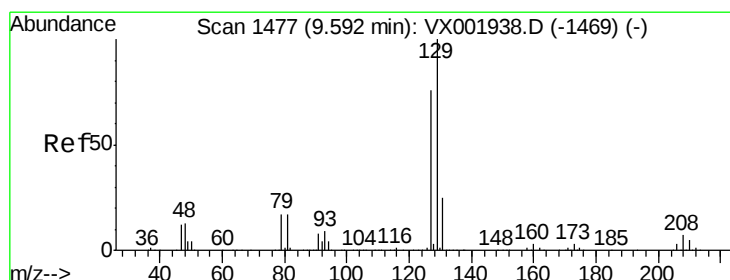
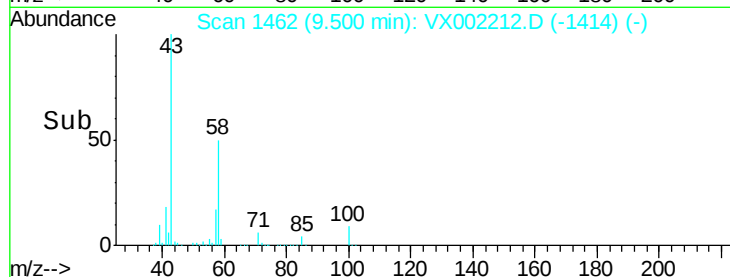
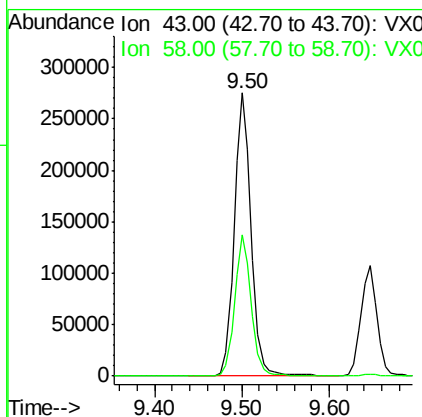
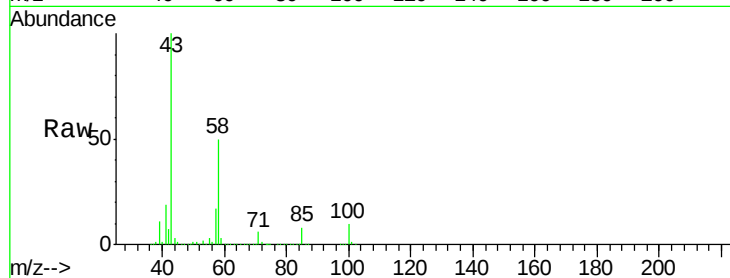
#59
2-Hexanone
Concen: 96.442 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion: 43 Resp: 369942
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

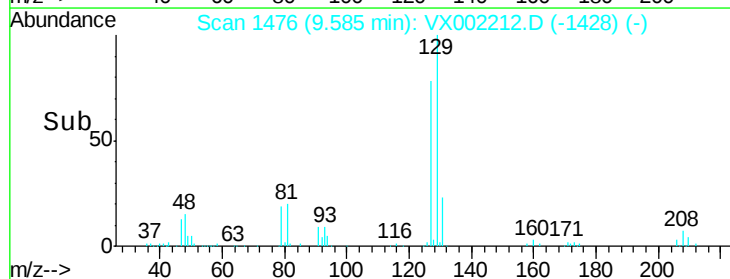
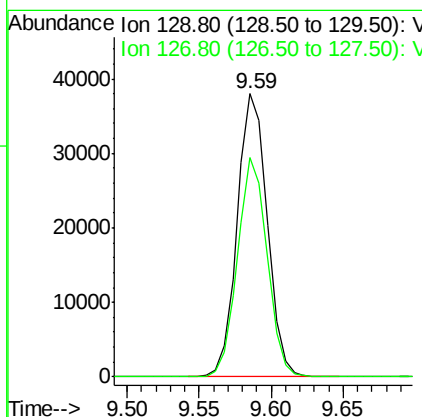
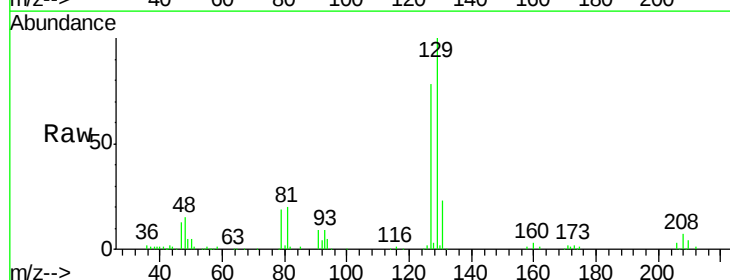
Manual Integrations
APPROVED

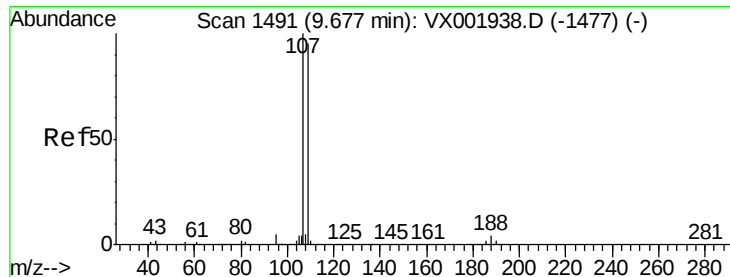
MMDadoda
6/1/2018 6:37:17 PM



#60
Dibromochloromethane
Concen: 15.709 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion: 129 Resp: 55059
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





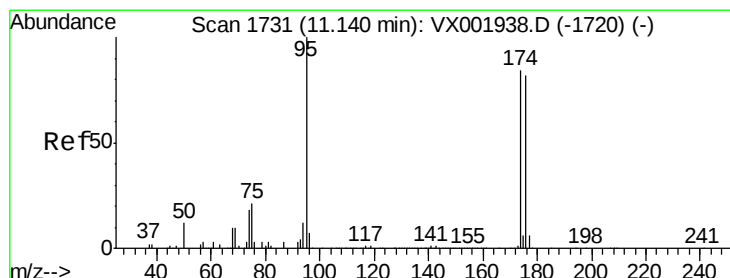
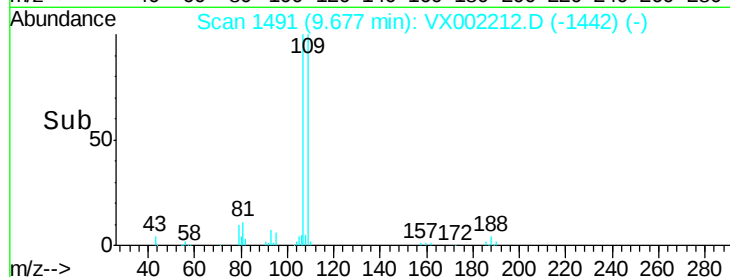
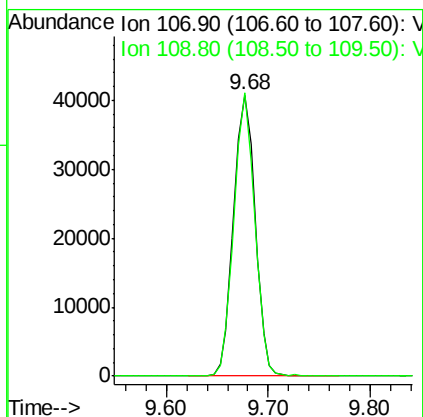
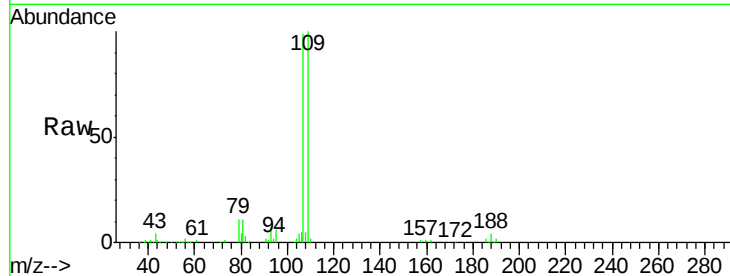
#61
 1,2-Dibromoethane
 Concen: 19.224 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD06

Tot Ion: 107 Resp: 59688
 Ion Ratio Lower Upper
 107 100
 109 97.0 75.3 112.9

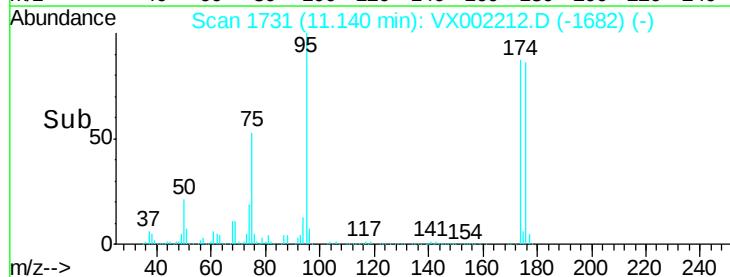
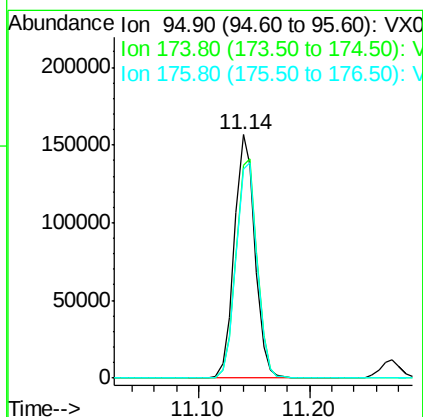
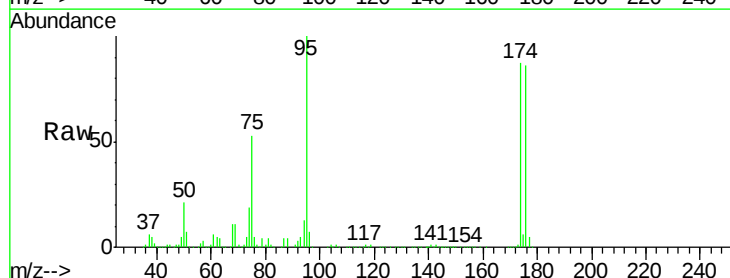
Manual Integrations
 APPROVED

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#62
 4-Bromofluorobenzene
 Concen: 51.834 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion: 95 Resp: 200538
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 178.8
 176 91.1 0.0 175.6





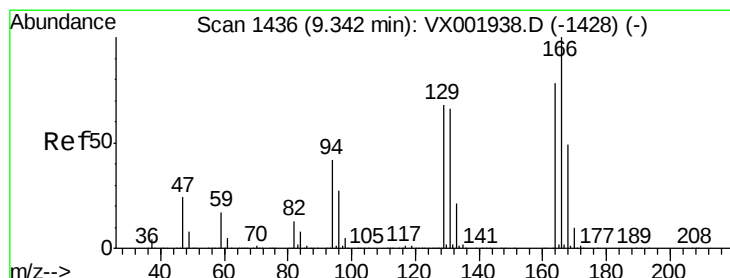
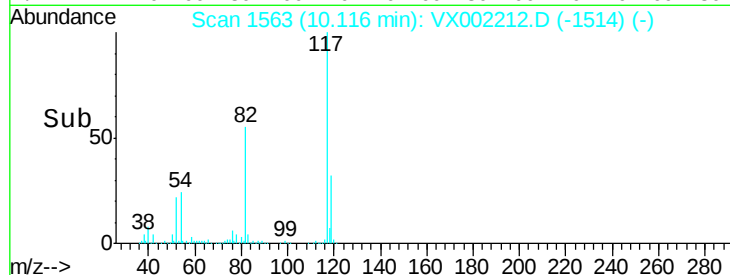
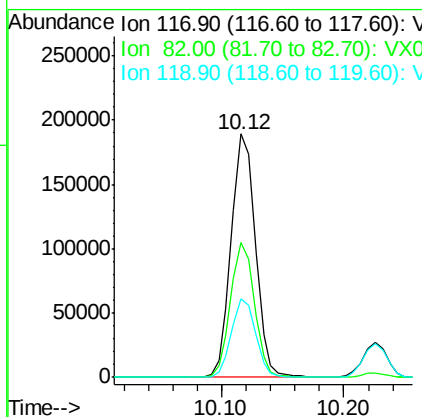
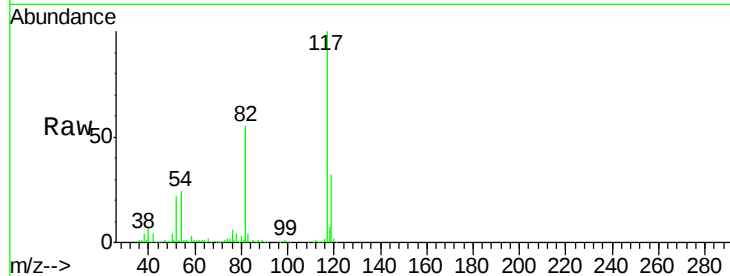
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Resp	Lower	Upper
117	100	260118		
82	55.2	44.8	67.2	
119	32.1	25.5	38.3	

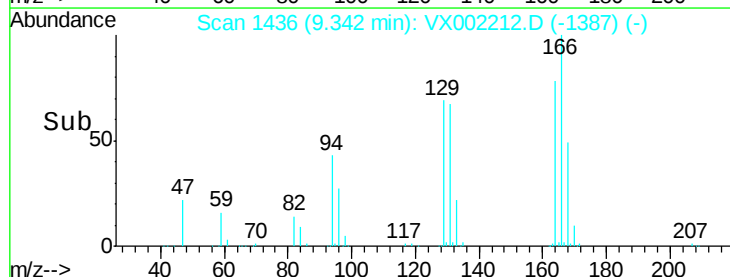
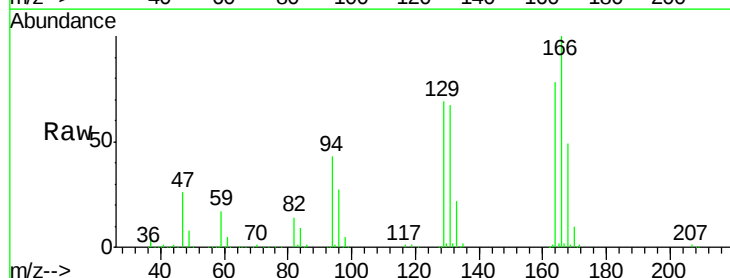
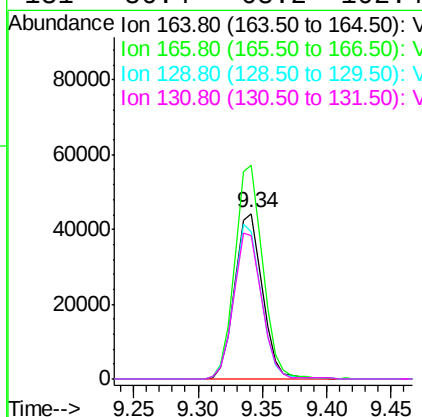
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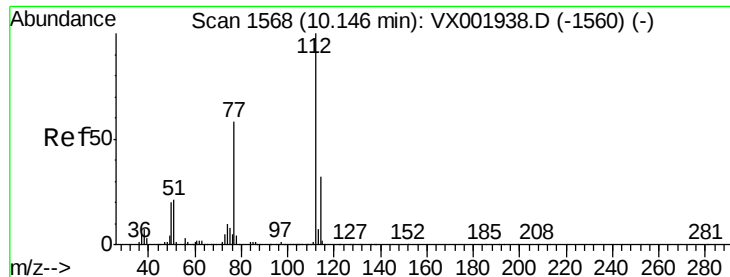
MMDadoda
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#64
Tetrachloroethene
Concen: 17.972 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	67027		
166	128.9	102.7	154.1	
129	88.7	70.3	105.5	
131	86.4	68.2	102.4	





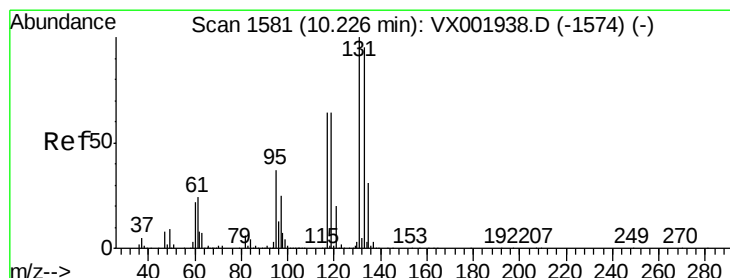
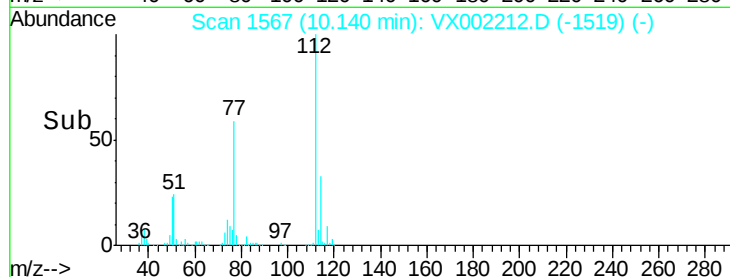
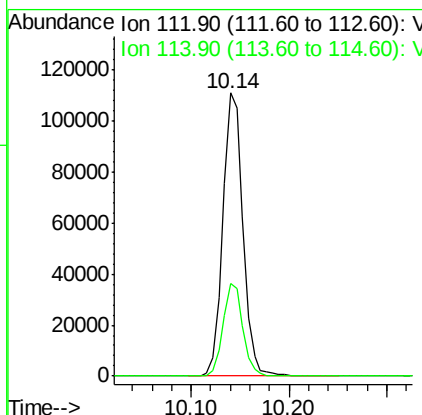
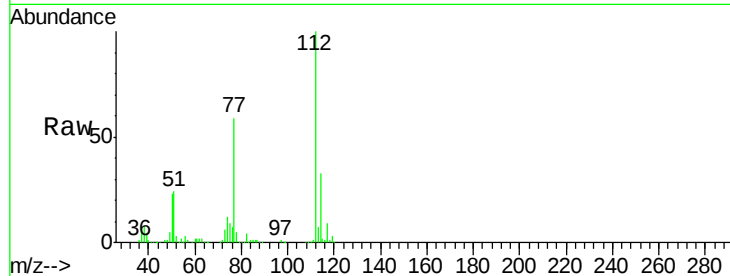
#65
Chlorobenzene
Concen: 19.156 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion:112 Resp: 157865
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9

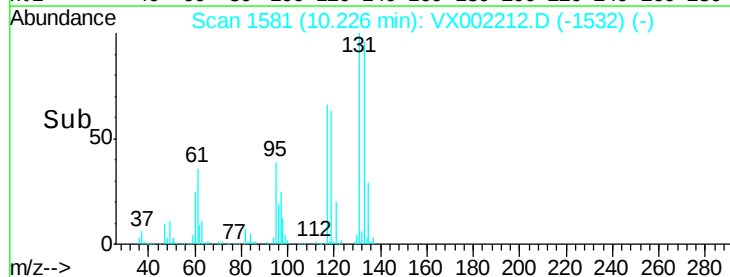
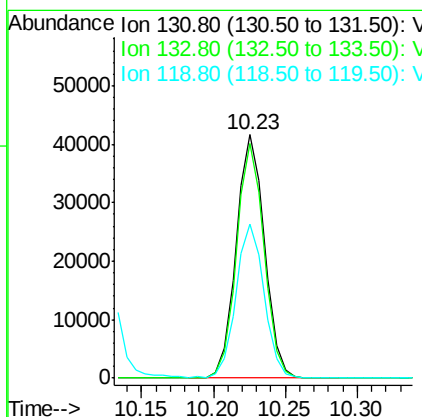
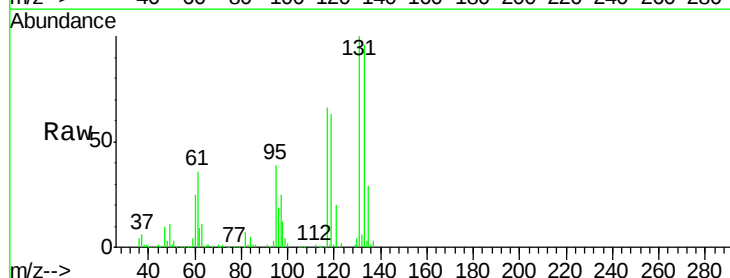
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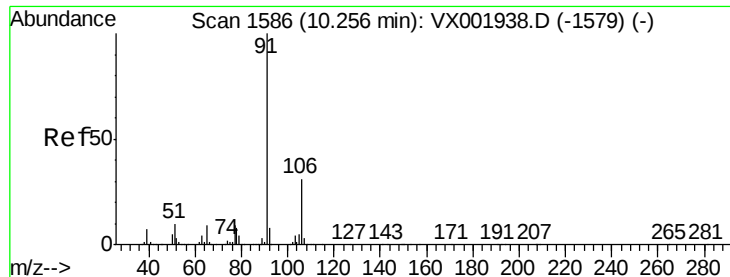
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.124 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion:131 Resp: 56987
Ion Ratio Lower Upper
131 100
133 93.1 48.0 144.0
119 63.0 31.9 95.5





#67

Ethyl Benzene

Concen: 18.859 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion: 91 Resp: 270030

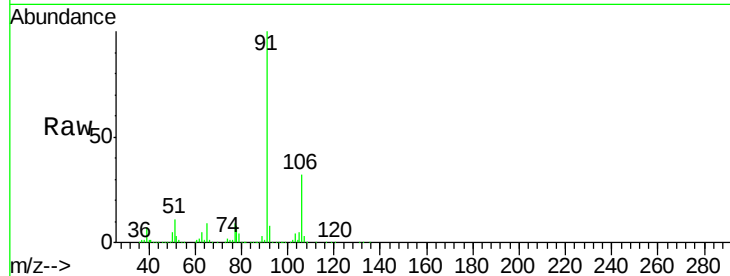
Ion Ratio Lower Upper

91 100

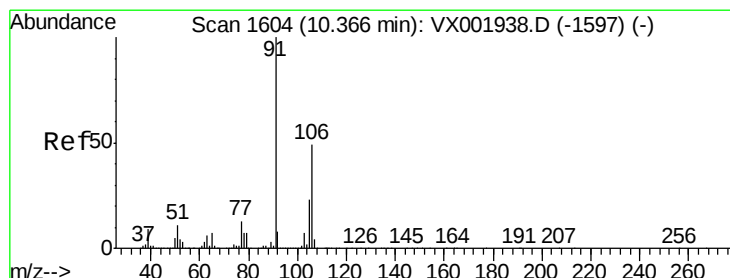
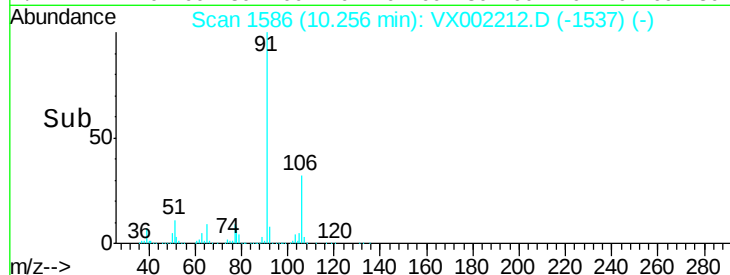
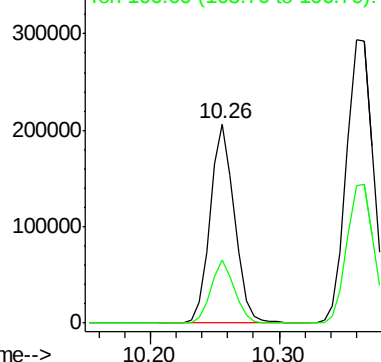
106 31.7 25.0 37.6

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1579) (-)



#68

m/p-Xylenes

Concen: 37.823 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002212.D

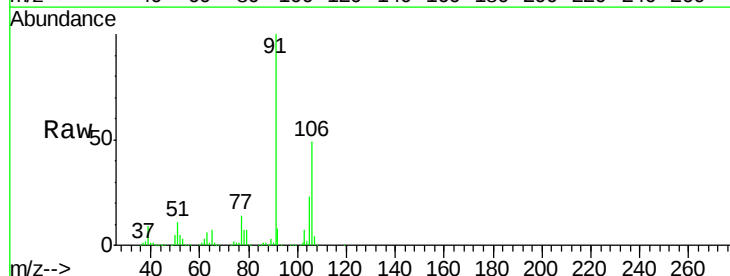
Acq: 01 Jun 2018 11:34

Tgt Ion: 106 Resp: 207023

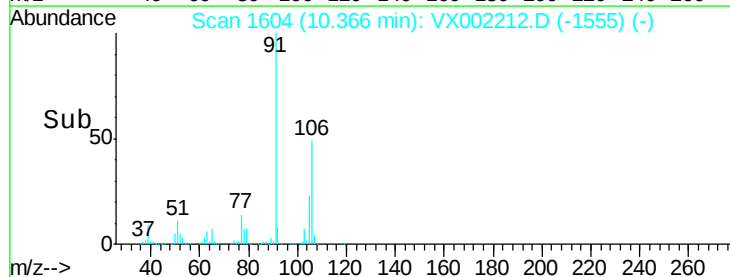
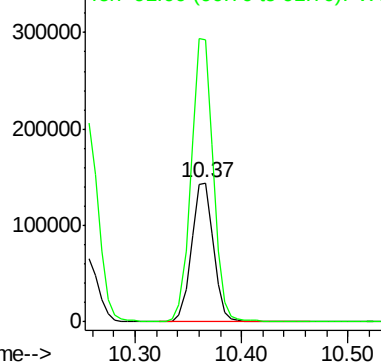
Ion Ratio Lower Upper

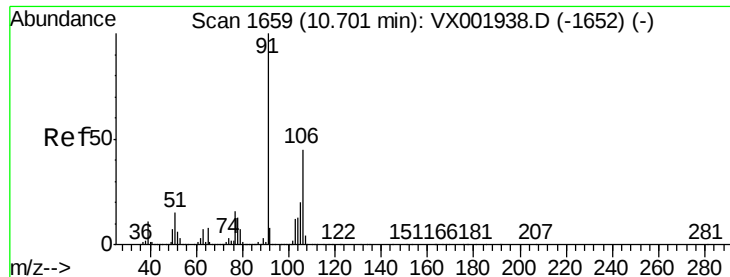
106 100

91 203.9 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): VX001938.D (-1597) (-)





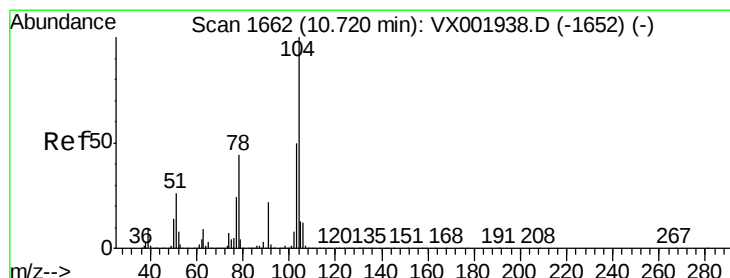
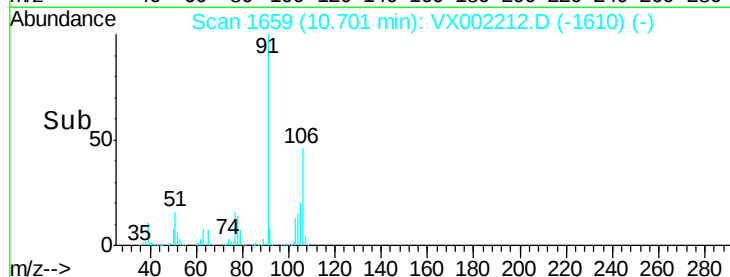
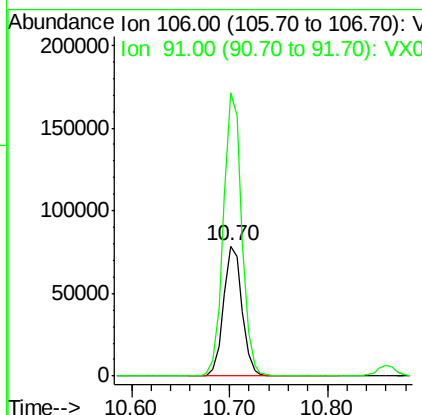
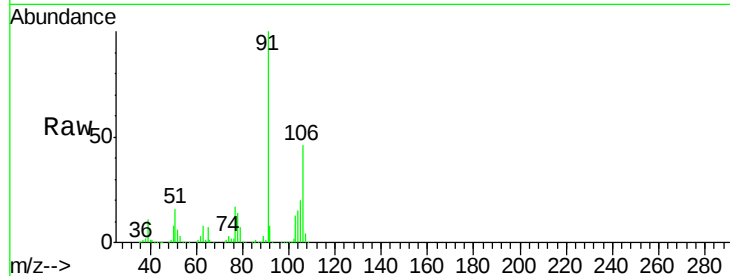
#69
o-Xylene
Concen: 18.804 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.7	108.7	325.9

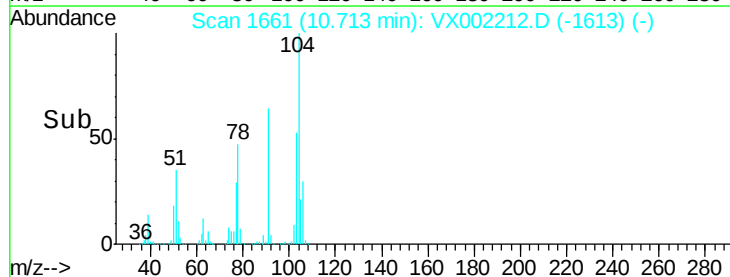
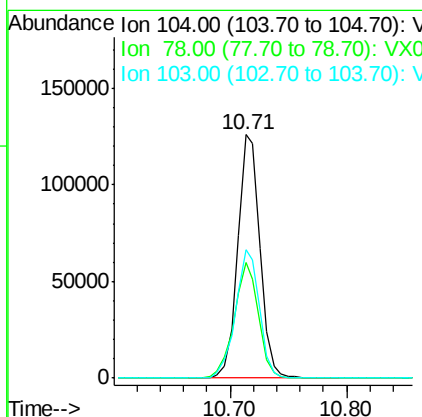
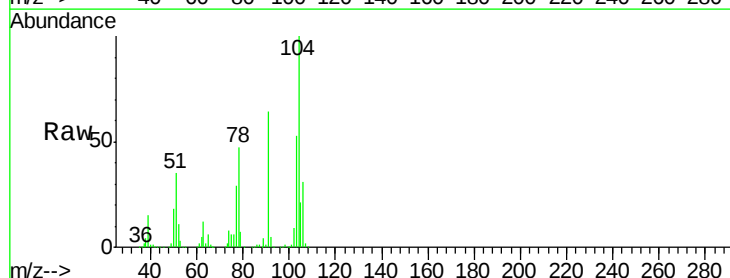
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#70
Styrene
Concen: 18.482 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	41.8	62.6
103	56.7	44.6	67.0





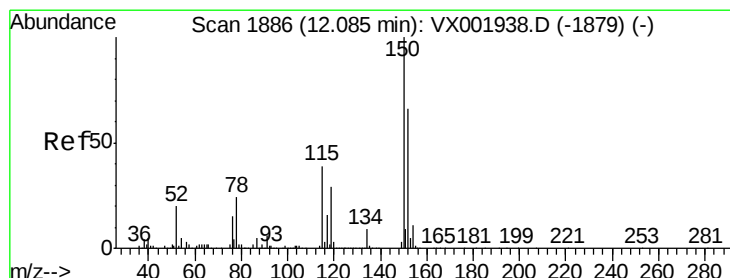
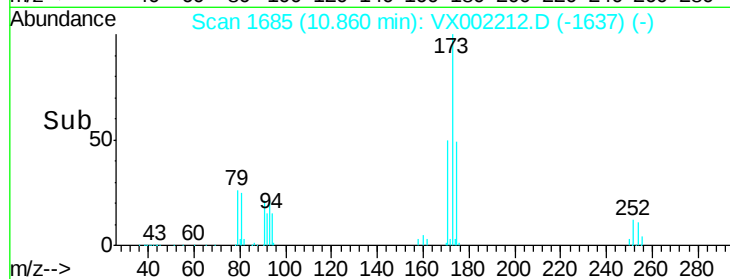
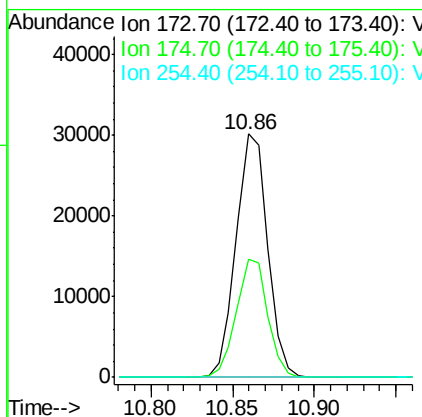
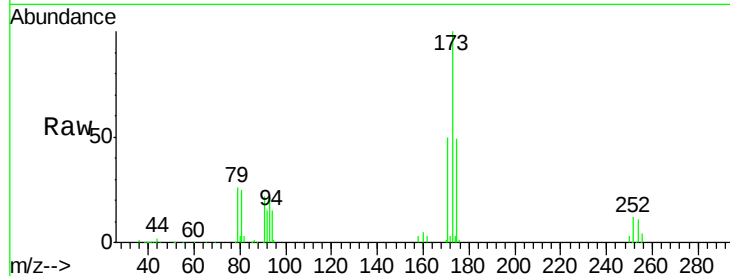
#71
Bromoform
Concen: 12.895 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	72.9
254	0.1	0.1	0.1

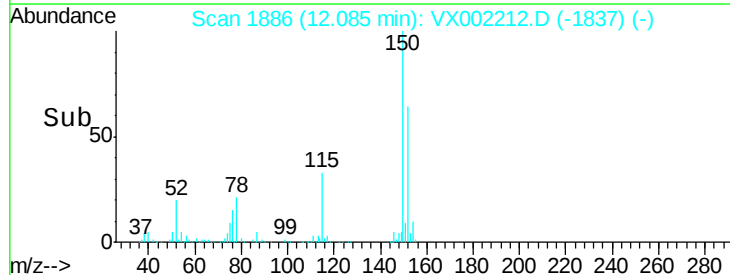
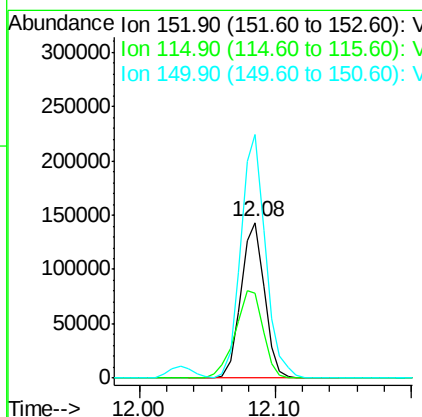
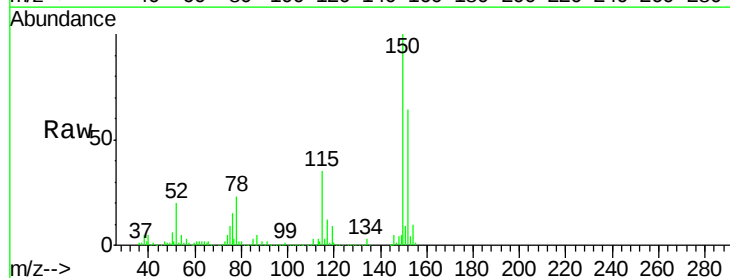
Manual Integrations
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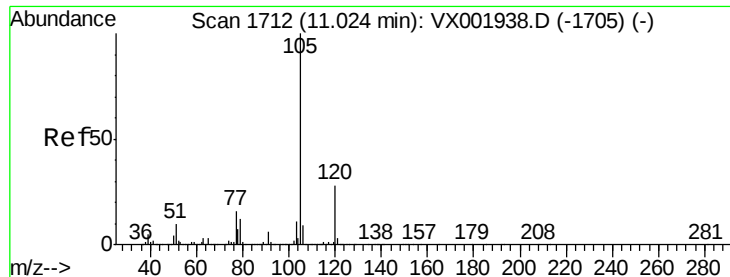
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.7	42.3	126.8
150	164.4	0.0	351.0





#73

Isopropylbenzene

Concen: 18.914 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion:105 Resp: 275368

Ion Ratio Lower Upper

105 100

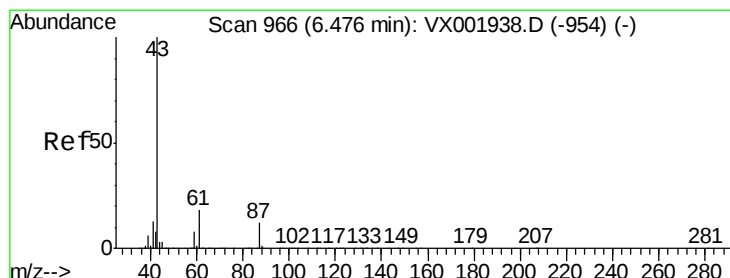
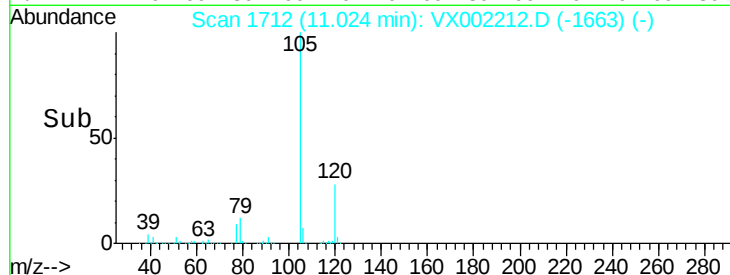
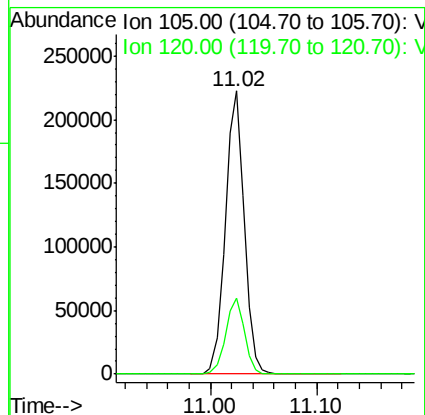
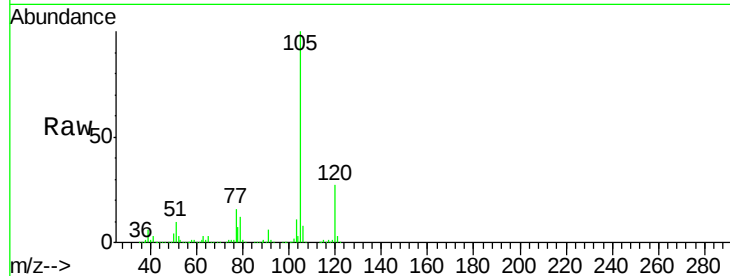
120 26.7 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 17.800 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion: 43 Resp: 149779

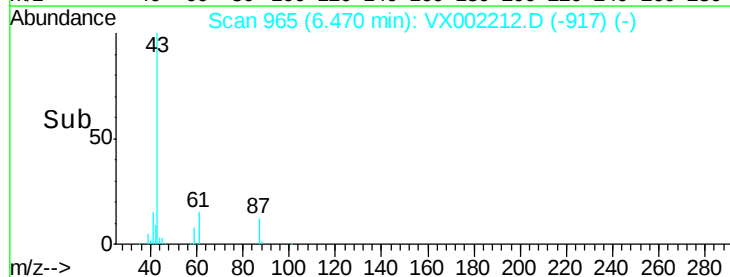
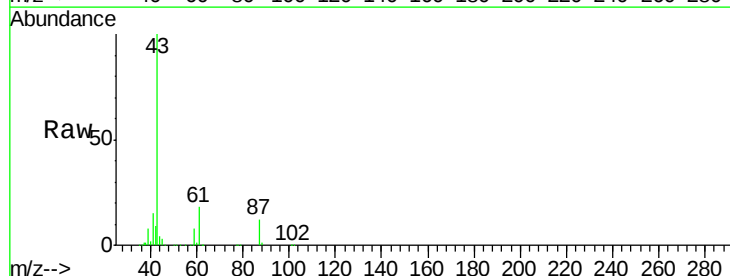
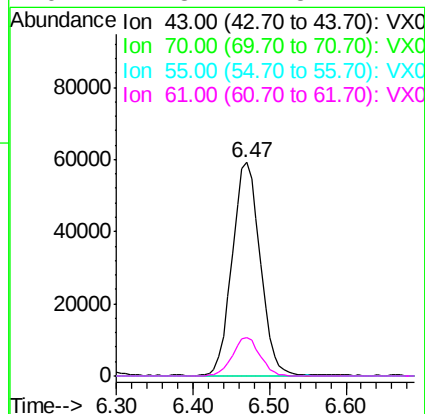
Ion Ratio Lower Upper

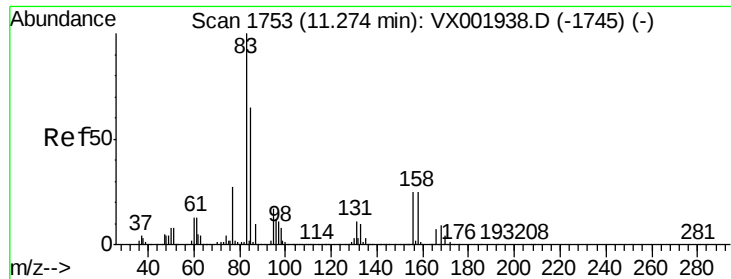
43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 17.8 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.837 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

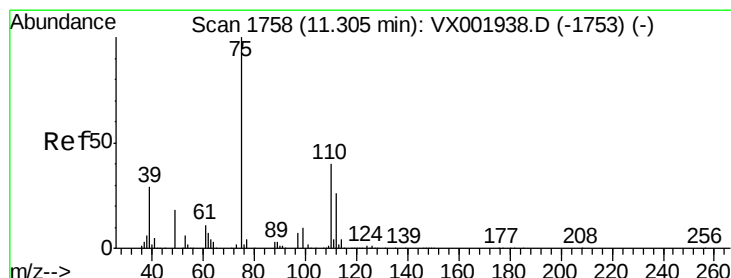
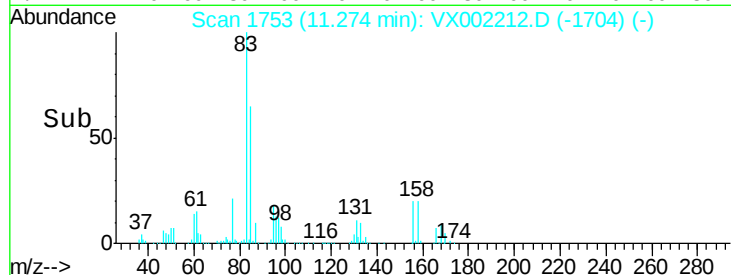
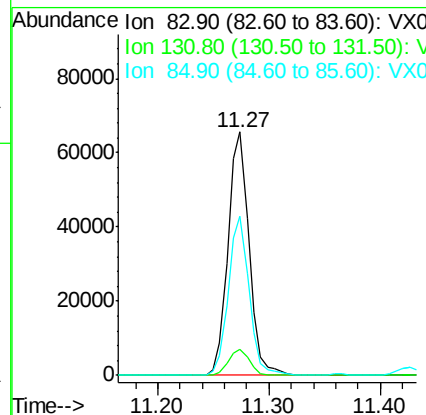
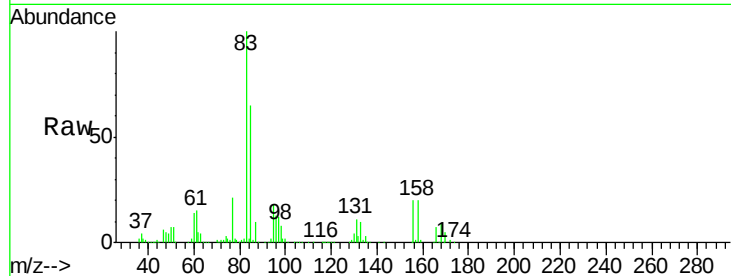
ClientSampleId :

VX0531WBSD06

Tot Ion:	83	Resp:	85910
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	64.3	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 20.913 ug/l m

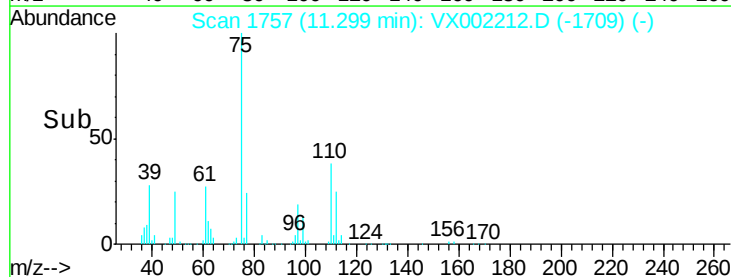
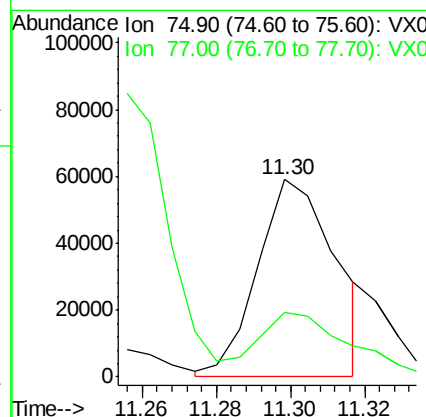
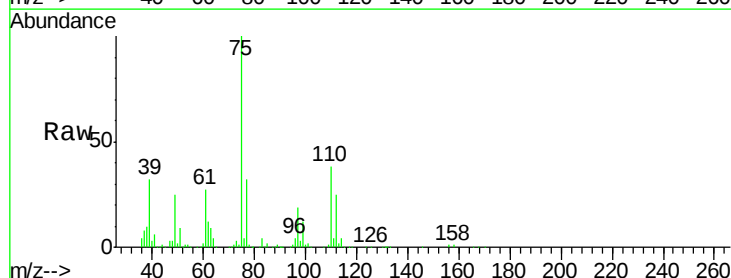
RT: 11.30 min Scan# 1757

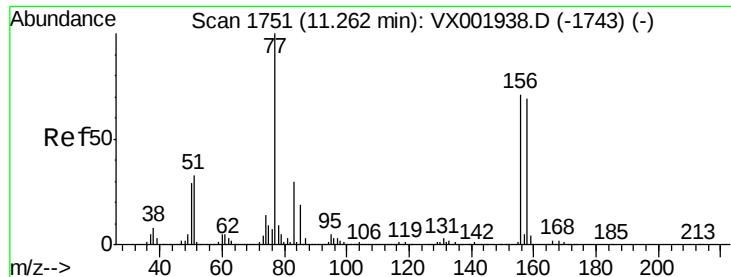
Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion:	75	Resp:	86363
Ion Ratio	Lower	Upper	
75	100		
77	38.4	22.8	68.3





#77

Bromobenzene

Concen: 19.265 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion:156 Resp: 74414

Ion Ratio Lower Upper

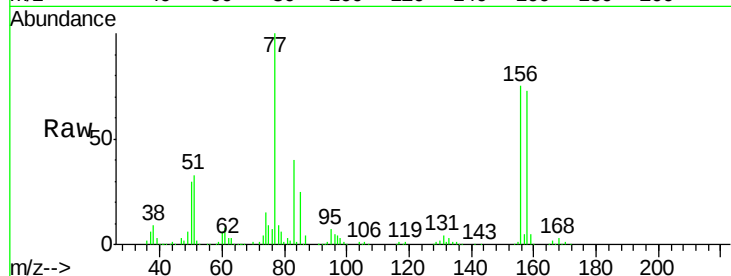
156 100

77 145.2 75.2 225.6

158 98.7 48.6 145.8

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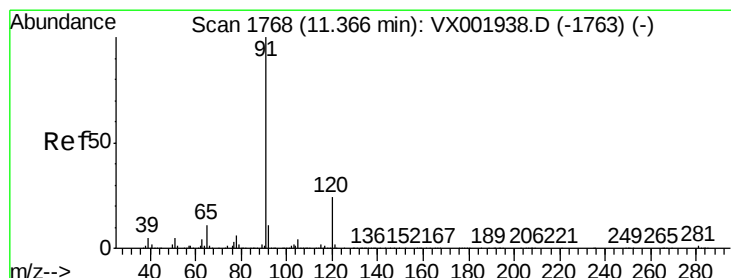
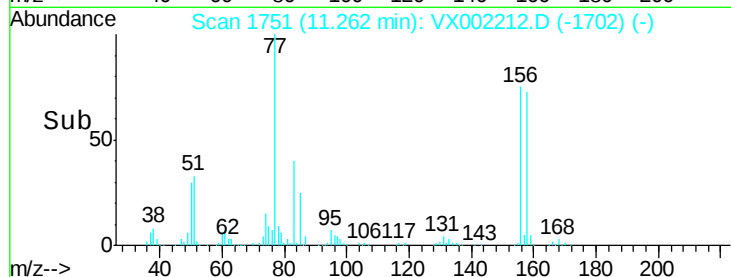
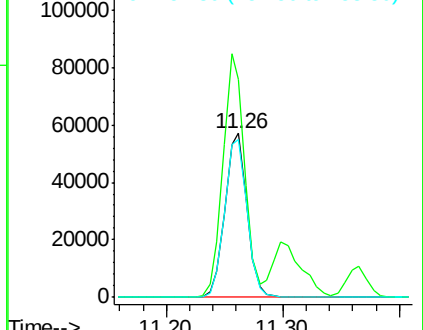
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.009 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002212.D

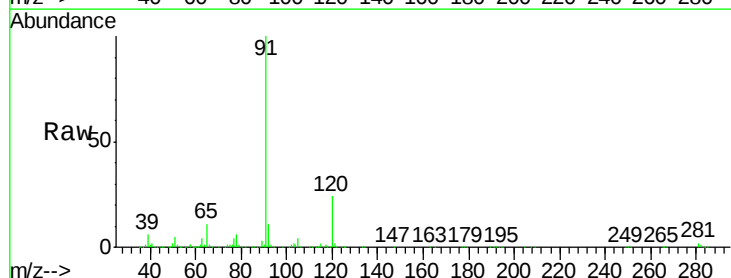
Acq: 01 Jun 2018 11:34

Tgt Ion: 91 Resp: 309954

Ion Ratio Lower Upper

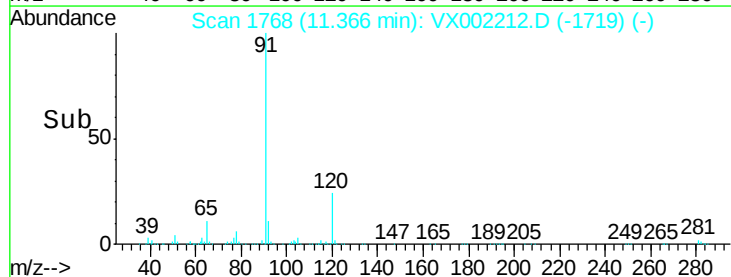
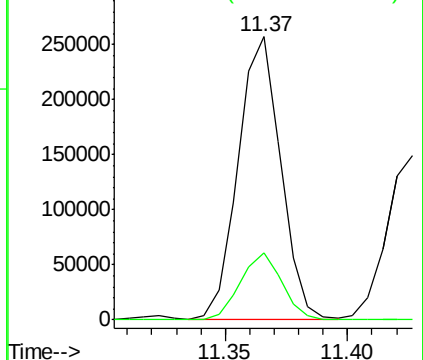
91 100

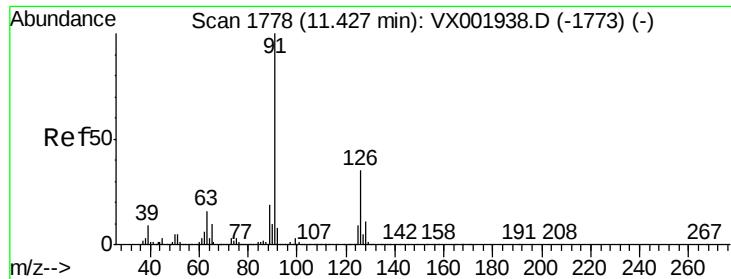
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.535 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD06

Tot Ion: 91 Resp: 187302

Ion Ratio Lower Upper

91 100

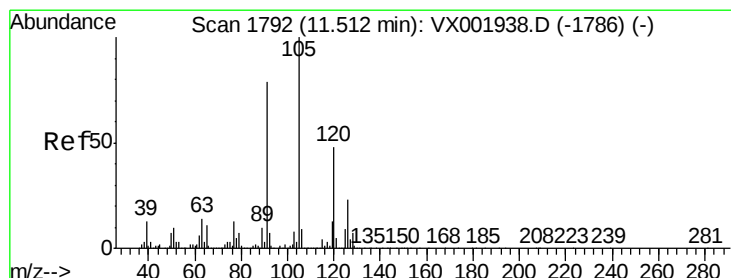
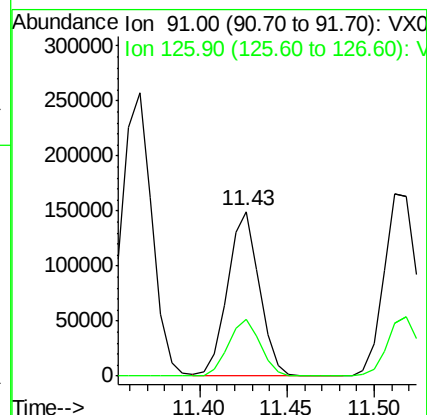
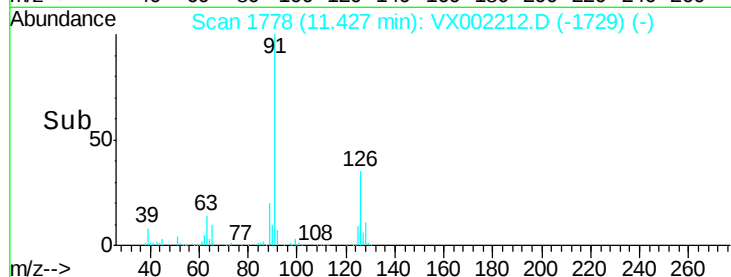
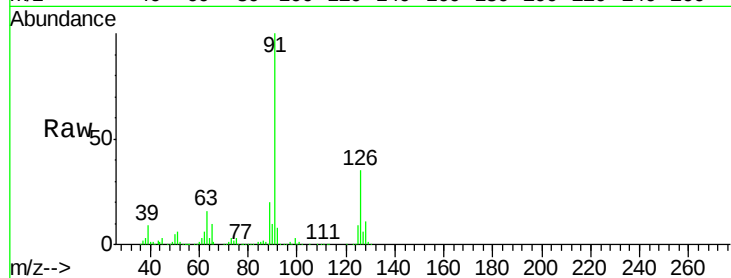
126 35.2 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 18.768 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002212.D

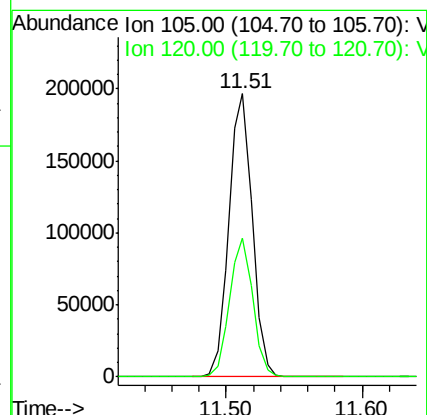
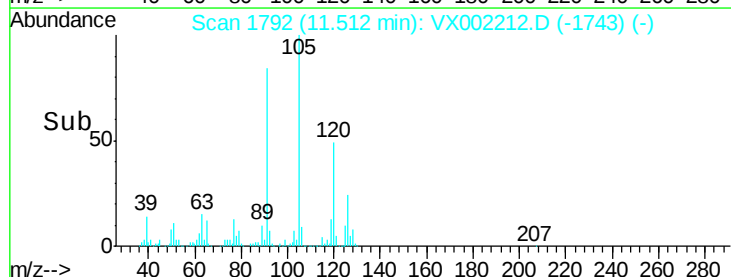
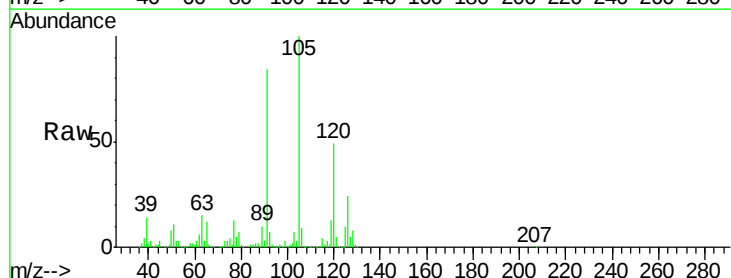
Acq: 01 Jun 2018 11:34

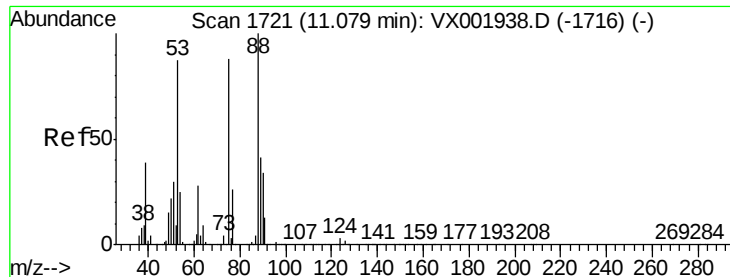
Tgt Ion: 105 Resp: 233515

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





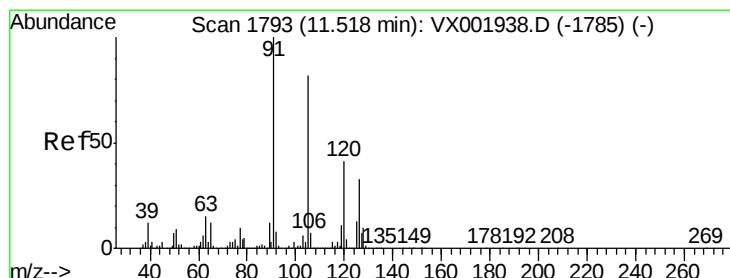
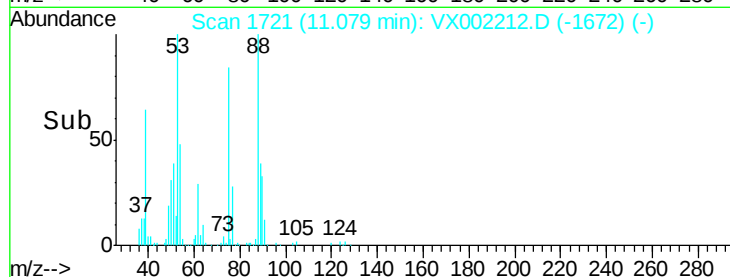
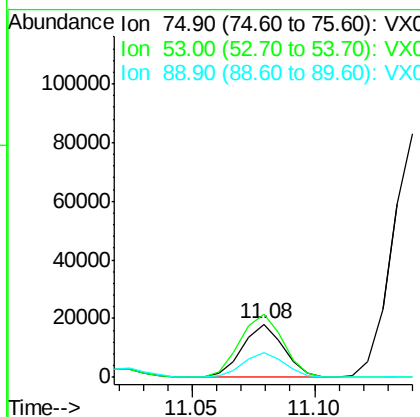
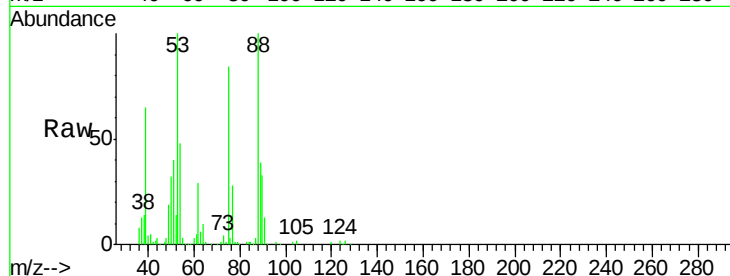
#81
trans-1,4-Dichloro-2-butene
Concen: 12.418 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
75	100		
53	125.1	78.0	117.0#
89	48.2	39.4	59.2

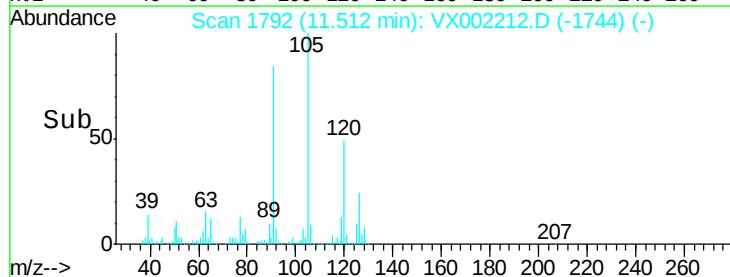
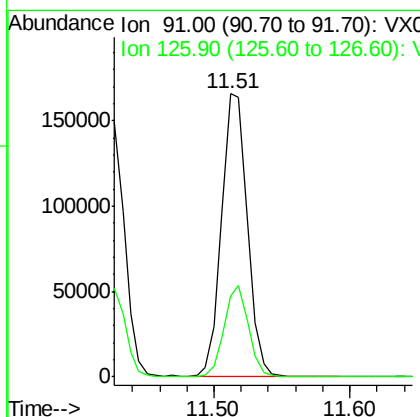
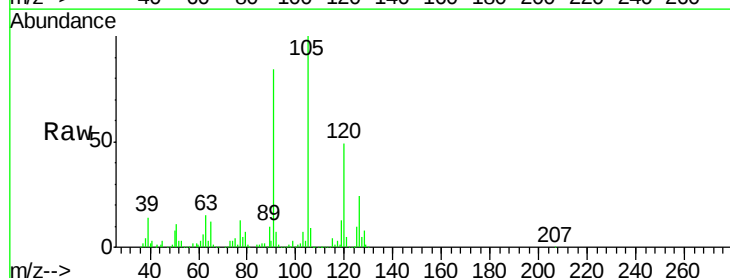
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#82
4-Chlorotoluene
Concen: 18.942 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.8





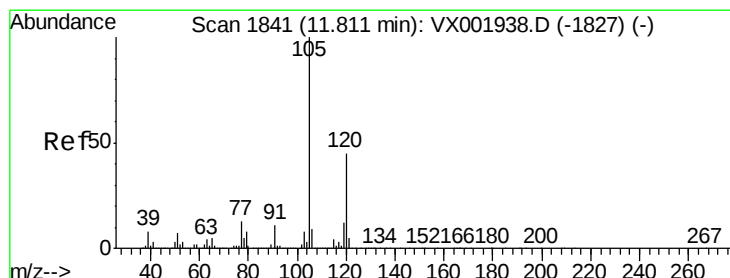
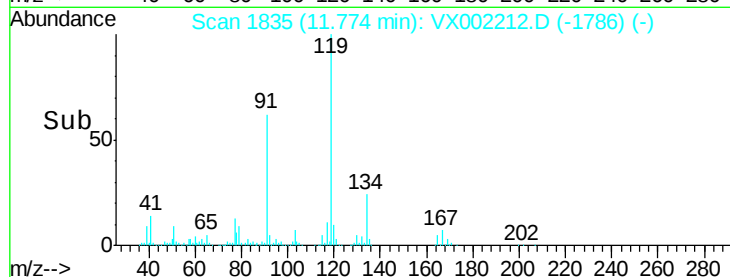
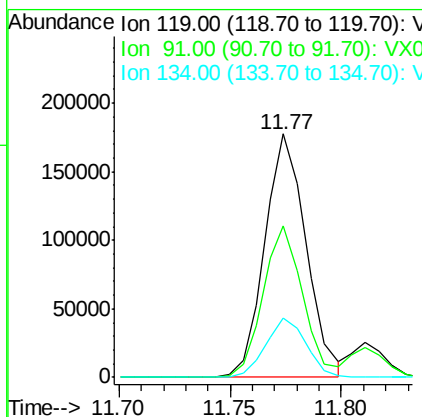
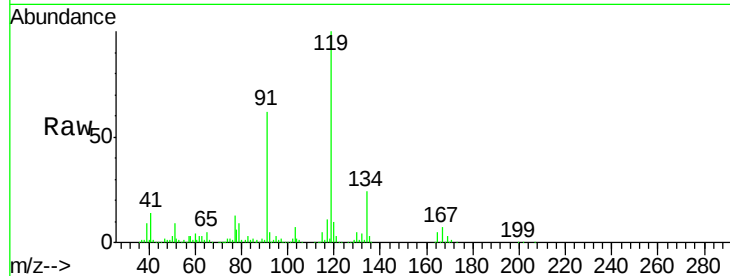
#83
tert-Butylbenzene
Concen: 18.685 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Resp	Lower	Upper
119	100	228128		
91	60.2		30.6	91.8
134	23.9		11.7	35.0

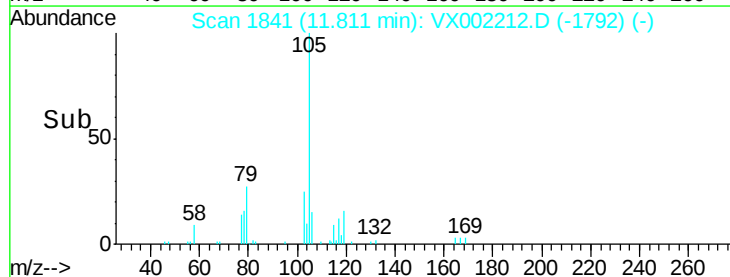
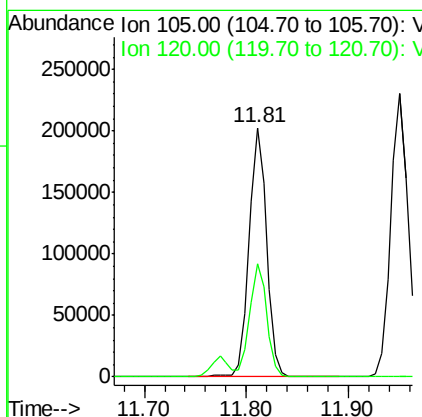
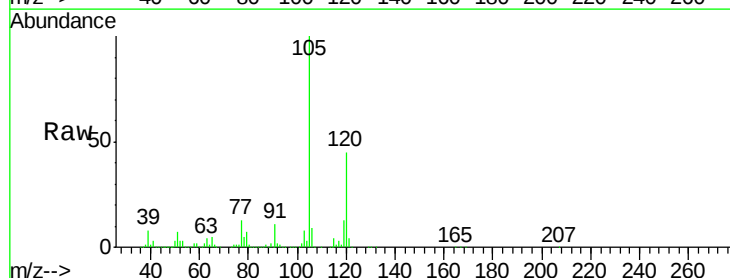
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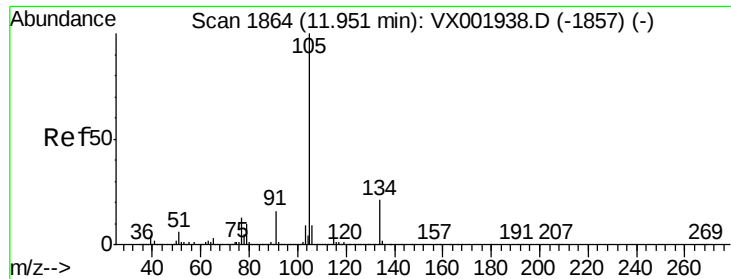
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#84
1,2,4-Trimethylbenzene
Concen: 18.940 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243515		
120	44.0		22.1	66.5





#85

sec-Butylbenzene

Concen: 18.852 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampled :

VX0531WBSD06

Tot Ion:105 Resp: 276679

Ion Ratio Lower Upper

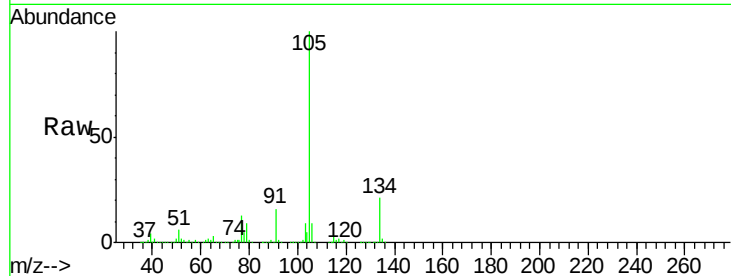
105 100

134 20.7 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

250000

200000

150000

100000

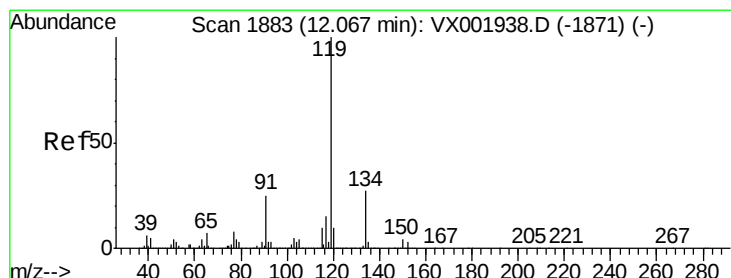
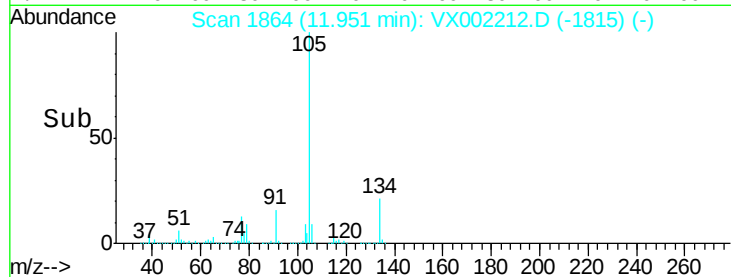
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.901 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

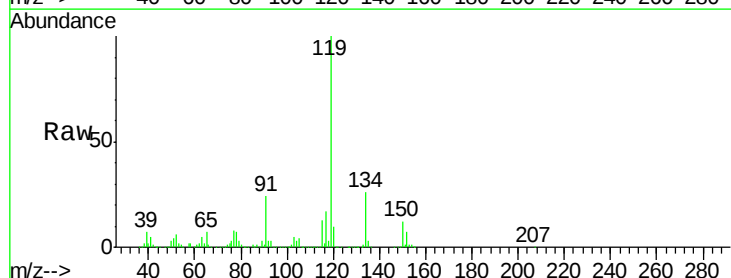
Tgt Ion:119 Resp: 248226

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 24.1 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

250000

200000

150000

100000

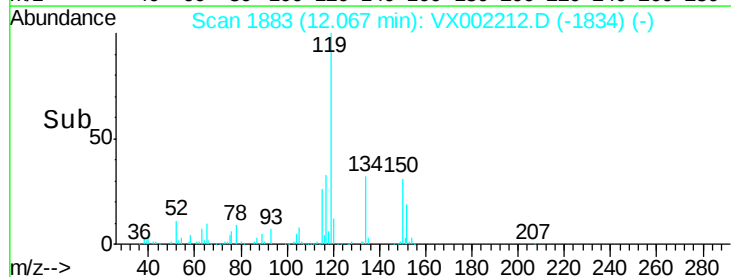
50000

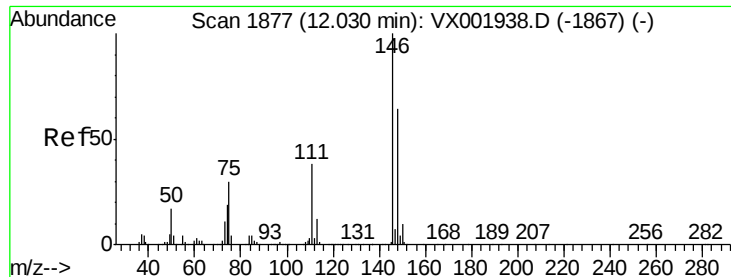
0

12.00

12.10

Time-->





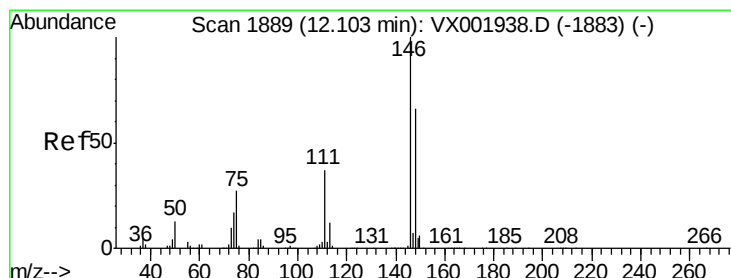
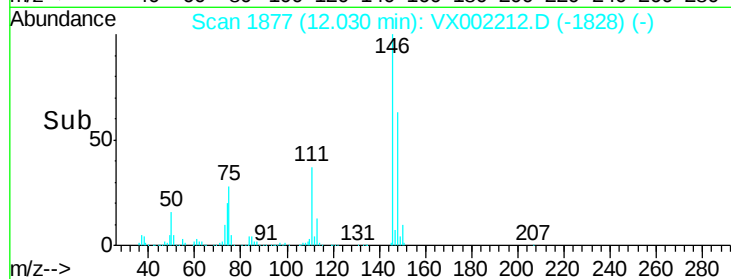
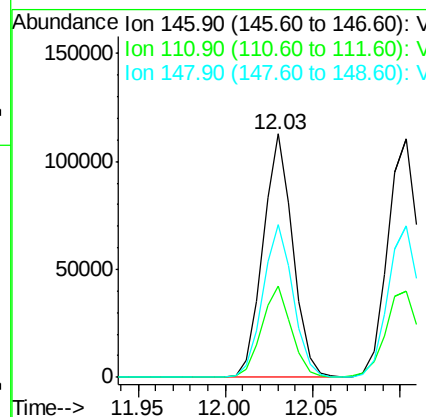
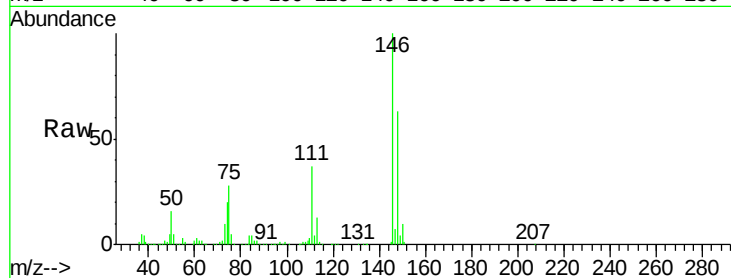
#87
 1,3-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.3	57.8
148	63.5	32.1	96.3

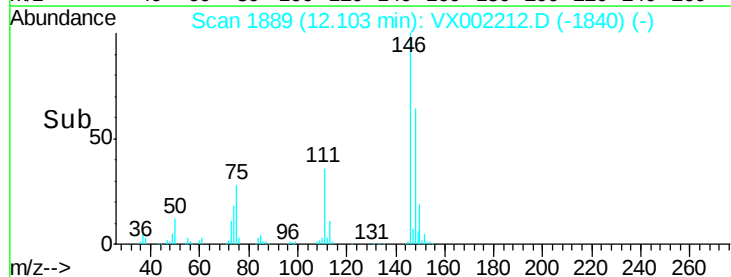
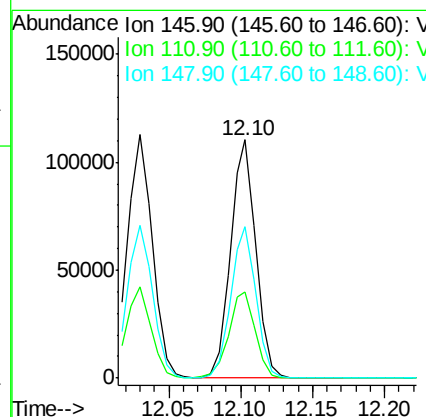
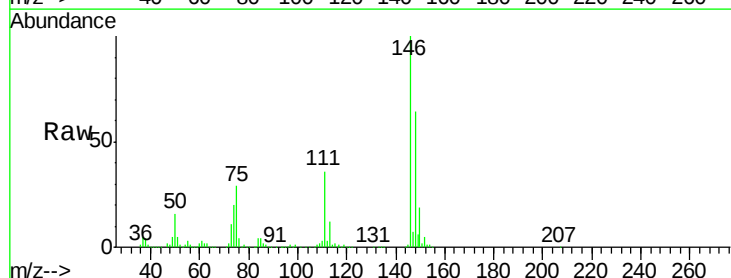
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#88
 1,4-Dichlorobenzene
 Concen: 19.694 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	63.6	32.3	96.8





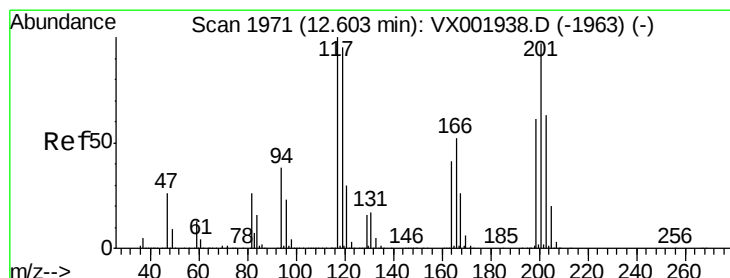
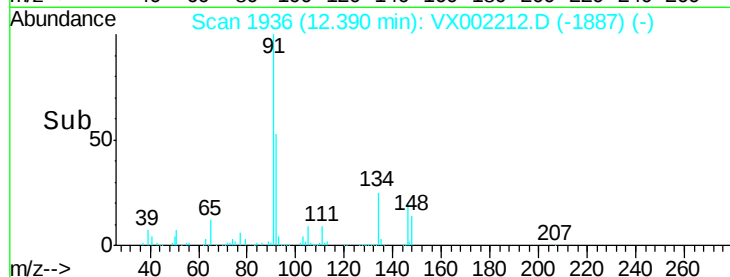
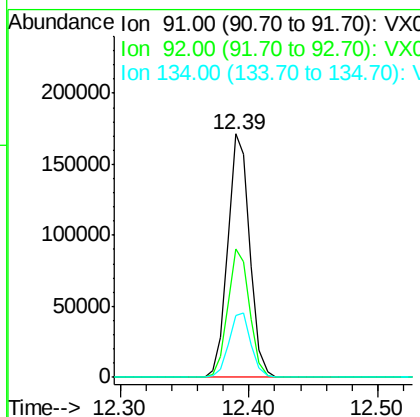
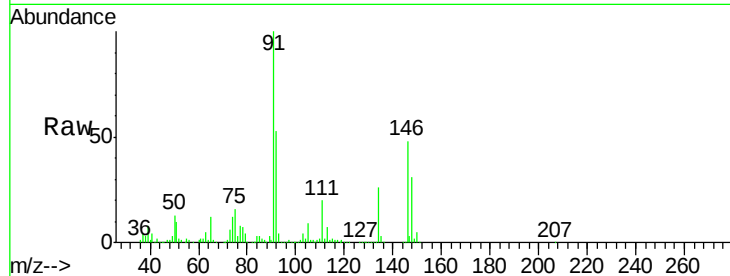
#89
n-Butylbenzene
Concen: 18.460 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.3	78.9
134	26.9	13.6	40.7

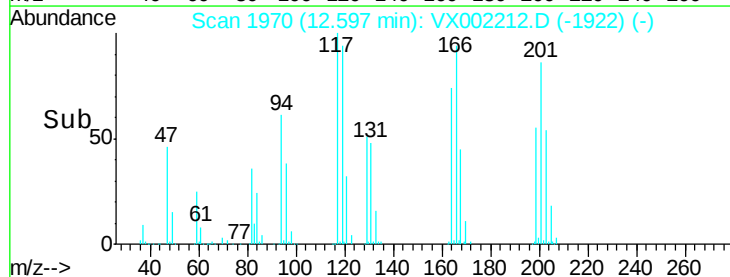
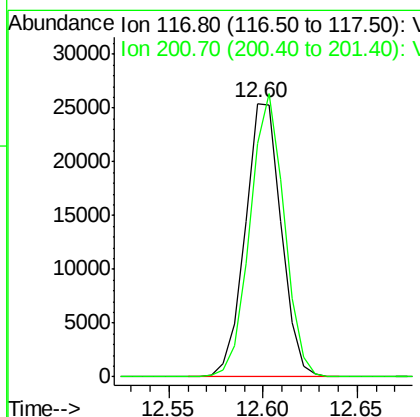
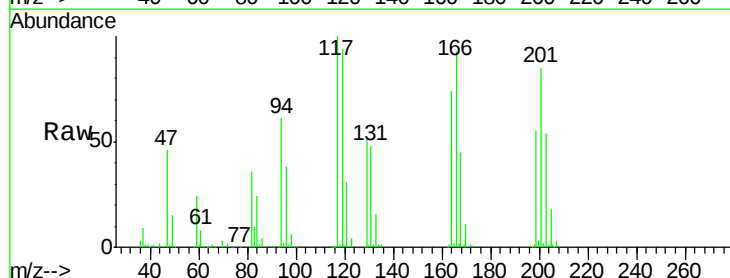
Manual Integrations
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#90
Hexachloroethane
Concen: 13.023 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.7	48.0	144.0





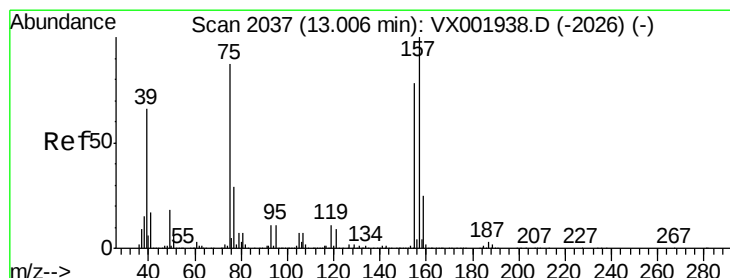
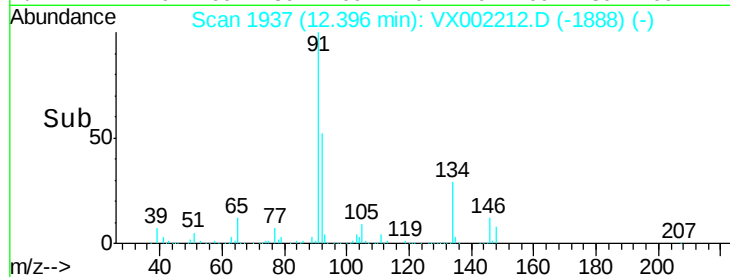
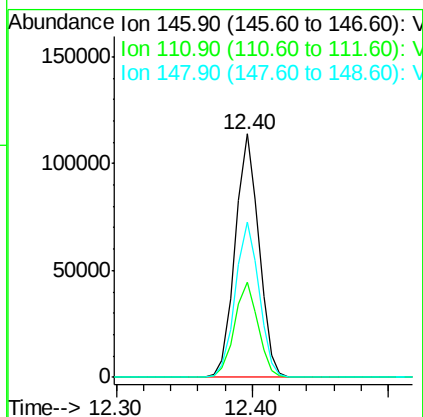
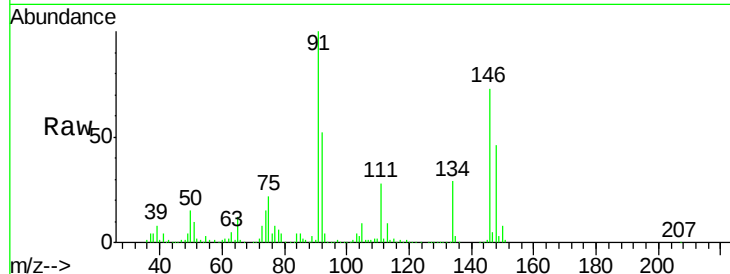
#91
 1,2-Dichlorobenzene
 Concen: 19.606 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.8	59.3
148	64.0	32.1	96.5

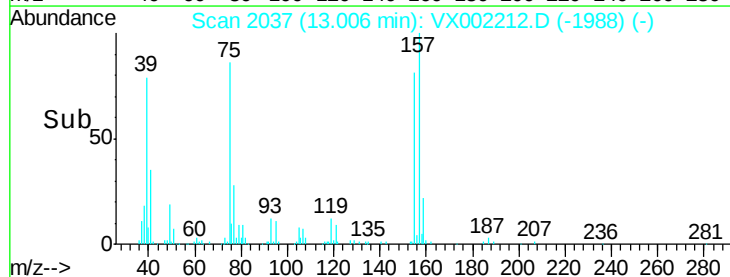
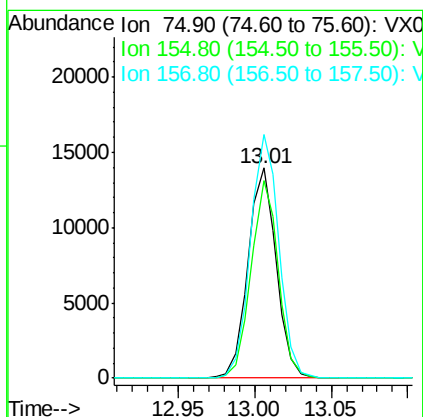
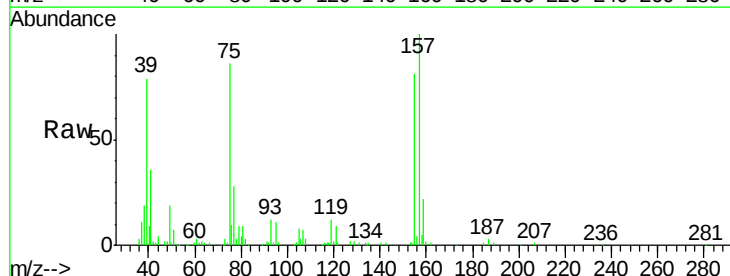
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.813 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	45.1	135.2
157	116.8	58.1	174.2





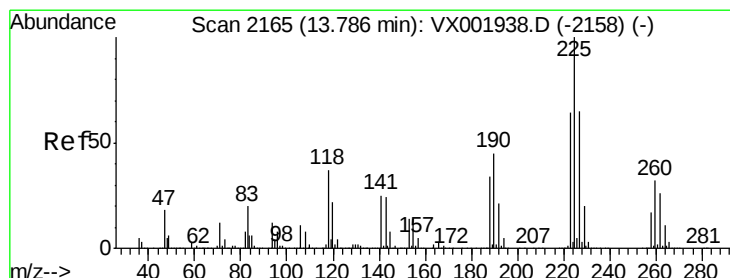
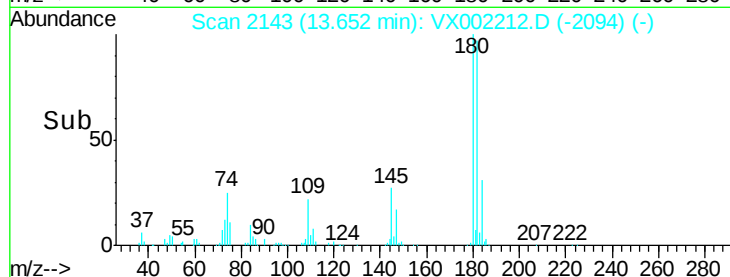
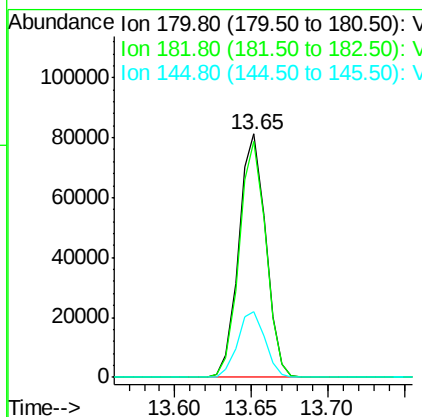
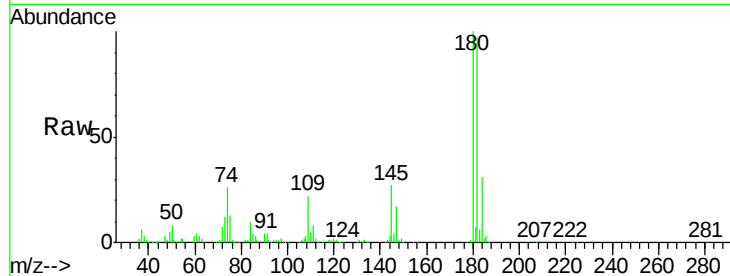
#93
1,2,4-Trichlorobenzene
Concen: 19.621 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD06

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.7	143.1
145	27.6	14.4	43.0

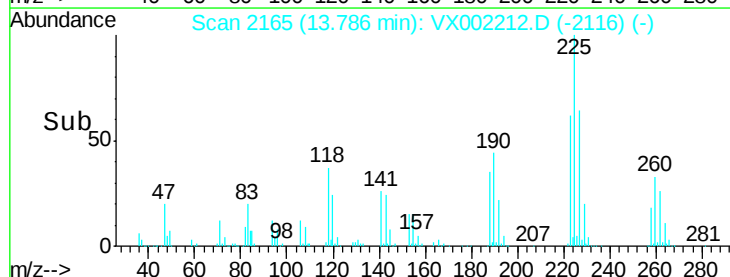
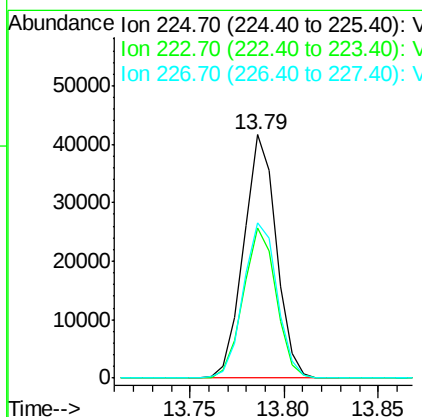
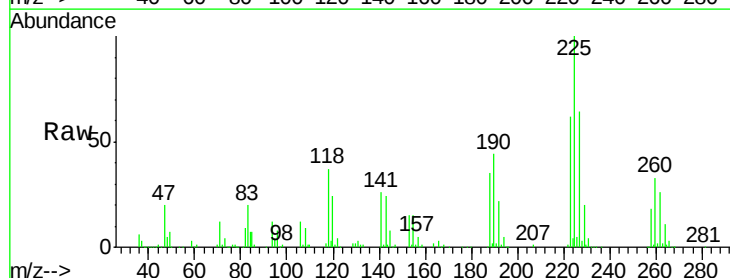
Manual Integrations
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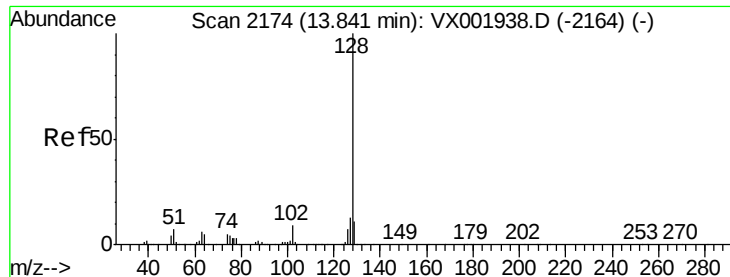
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#94
Hexachlorobutadiene
Concen: 18.393 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.5
227	66.0	32.1	96.5





#95

Naphthalene

Concen: 19.040 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

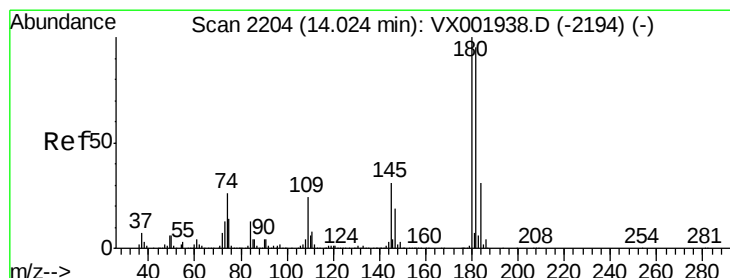
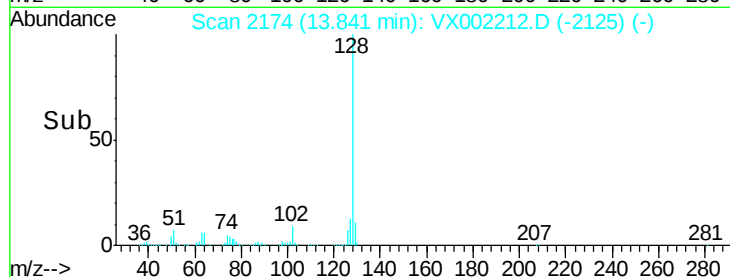
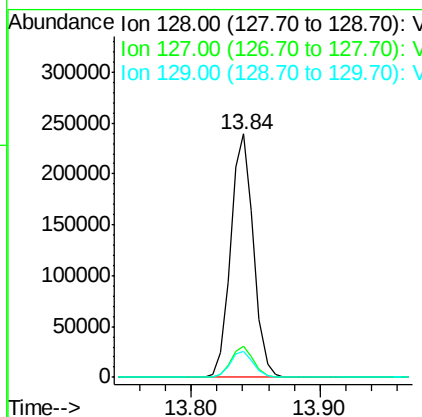
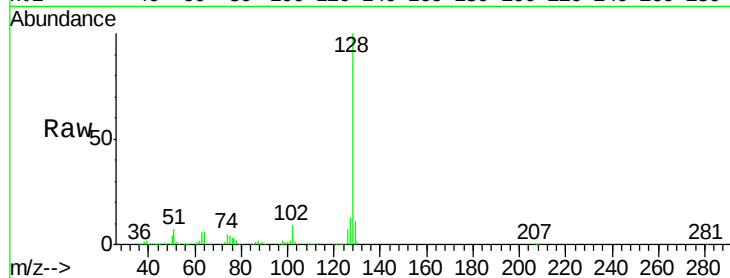
ClientSampleId :

VX0531WBSD06

Tot Ion:	128	Resp:	295653
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.7	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 19.581 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion:	180	Resp:	102117
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.9	143.6
145	30.0	15.1	45.3

