

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070618\
 Data File : VX003214.D
 Acq On : 06 Jul 2018 14:18
 Operator : JC/MD
 Sample : VX0706WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0706WBSD03

Manual Integrations
 APPROVED

apatel
 7/18/2018 11:52:02 AM

Quant Time: Jul 16 01:12:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	53818	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	269135	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	250584	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	115169	28.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.40%
60) 4-Bromofluorobenzene	11.14	95	122689	29.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.80%
63) Toluene-d8	8.72	98	321885	29.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.03%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	42343	16.484	ug/l 98
3) Chloromethane	1.32	50	41833	15.002	ug/l 98
4) Vinyl Chloride	1.40	62	48534	15.620	ug/l 98
5) Bromomethane	1.64	94	19862	10.942	ug/l 96
6) Chloroethane	1.72	64	32161	15.391	ug/l 96
7) Trichlorofluoromethane	1.93	101	82401	14.920	ug/l 90
8) Diethyl Ether	2.19	74	32965	16.741	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50296	15.912	ug/l 97
10) 1,1-Dichloroethene	2.37	96	43707	15.709	ug/l 98
11) Methyl Iodide	2.51	142	40728	12.711	ug/l 98
12) Methyl Acetate	2.78	43	97937	21.691	ug/l 99
13) Acrolein	2.29	56	7853	24.462	ug/l 97
14) Acrylonitrile	3.15	53	154234	90.823	ug/l 98
15) Acetone	2.45	58	40381	85.550	ug/l 92
16) Carbon Disulfide	2.57	76	94020	13.496	ug/l 99
17) Allyl chloride	2.73	41	86314	15.590	ug/l 97
18) Methylene Chloride	2.86	84	68368	21.469	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	46672	15.644	ug/l 96
20) Diisopropyl ether	3.88	45	181949	17.636	ug/l 98
21) 1,1-Dichloroethane	3.70	63	93618	16.876	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	62517	19.495	ug/l # 79
23) tert-Butyl Alcohol	3.08	59	75538	97.973	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	170925	16.454	ug/l 95
25) Chloroform	5.22	83	107976	19.395	ug/l 99
26) Cyclohexane	5.57	56	80267	17.031	ug/l # 94
29) 1,1-Dichloropropene	5.80	75	71766	19.746	ug/l 97
30) 2-Butanone	4.71	43	240447	115.615	ug/l 94
31) 2,2-Dichloropropane	4.59	77	79371	20.433	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	89874	20.470	ug/l 98
33) Carbon Tetrachloride	5.79	117	80579	20.419	ug/l 93
34) Benzene	6.15	78	222722m	20.692	ug/l
35) Methacrylonitrile	5.07	41	51028	22.536	ug/l 94
36) 1,2-Dichloroethane	6.20	62	87516	20.710	ug/l 98
37) Trichloroethene	7.22	130	63442	20.124	ug/l 90
38) Methylcyclohexane	7.46	83	75918	17.169	ug/l 98
39) 1,2-Dichloropropane	7.52	63	58015	20.663	ug/l 93
40) Dibromomethane	7.66	93	40334	20.677	ug/l 94

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 Operator : JC/MD
 Sample : VX0706WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0706WBSD03

Manual Integrations
 APPROVED

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 7/18/2018 11:52:02 AM

Quant Time: Jul 16 01:12:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	74161	20.239	ug/l	98
42) Vinyl Acetate	3.83	43	724057	91.798	ug/l	99
43) Ethyl Acetate	4.87	43	87808	22.075	ug/l	97
44) Isopropyl Acetate	6.47	43	139917	20.994	ug/l	97
45) 1,4-Dioxane	7.76	88	30139	461.616	ug/l #	84
46) Methyl methacrylate	7.78	41	70084	20.580	ug/l	95
47) n-amyl Acetate	10.90	43	111789	17.776	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	85195	19.805	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	77037	19.174	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	62089	21.579	ug/l	97
51) Ethyl methacrylate	9.19	69	86512	19.918	ug/l	87
52) 1,3-Dichloropropane	9.38	76	97763	20.802	ug/l	97
53) Dibromochloromethane	9.59	129	62175	20.355	ug/l	99
54) 1,2-Dibromoethane	9.68	107	64422	21.246	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	212506	103.012	ug/l	98
56) Bromoform	10.86	173	48799	20.012	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	474571	111.545	ug/l	97
59) 2-Hexanone	9.50	43	361495	111.149	ug/l	98
61) Tetrachloroethene	9.34	164	72943	21.210	ug/l	99
62) Toluene	8.79	91	240410	19.904	ug/l	98
64) Chlorobenzene	10.14	112	164263	20.469	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	61172	20.796	ug/l	99
66) Ethyl Benzene	10.26	91	261521	19.225	ug/l	100
67) m/p-Xylenes	10.36	106	205537	38.881	ug/l	97
68) o-Xylene	10.70	106	100252	19.465	ug/l	96
69) Styrene	10.71	104	165896	19.307	ug/l	98
70) Isopropylbenzene	11.02	105	274050	19.297	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	91125	21.464	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	79118m	21.498	ug/l	
73) Bromobenzene	11.26	156	78259	19.815	ug/l	91
74) n-propylbenzene	11.37	91	305135	18.509	ug/l	98
75) 2-Chlorotoluene	11.43	91	186861	19.476	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	227517	18.867	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	21651	18.291	ug/l	85
78) 4-Chlorotoluene	11.51	91	214858	18.903	ug/l	97
79) tert-butylbenzene	12.07	119	241821	18.182	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	232517	18.883	ug/l	98
81) sec-Butylbenzene	11.95	105	269369	18.261	ug/l	99
82) p-Isopropyltoluene	12.07	119	241821	18.182	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	142015	19.540	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	143201	19.508	ug/l	98
85) n-Butylbenzene	12.39	91	195002	16.541	ug/l	99
86) Hexachloroethane	12.60	117	34888	17.306	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	143926	19.609	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	19452	20.510	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	103843	18.744	ug/l	100
90) Hexachlorobutadiene	13.79	225	50994	17.680	ug/l	98
91) Naphthalene	13.84	128	294582	20.060	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	107613	19.523	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

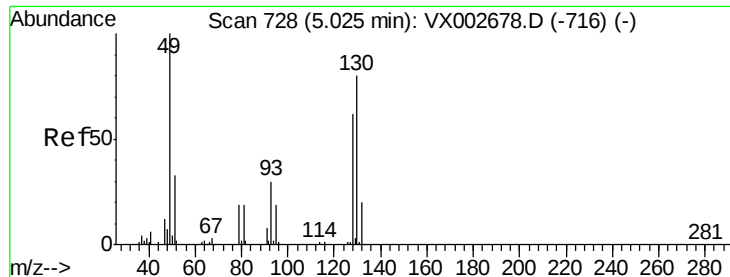
Manual Integrations
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Quant Time: Jul 16 01:12:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

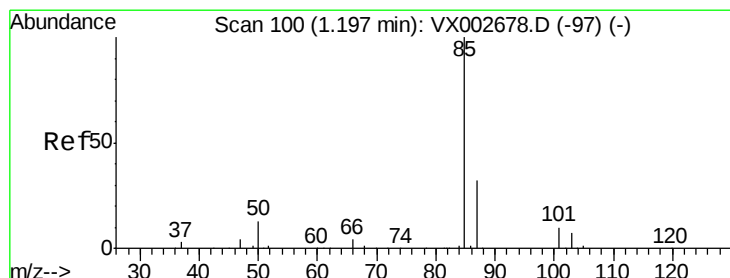
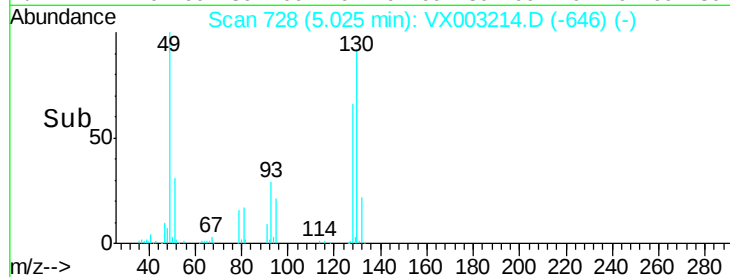
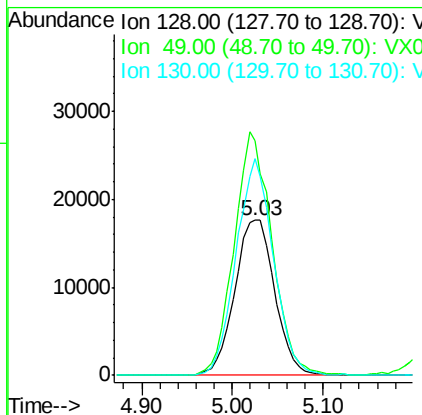
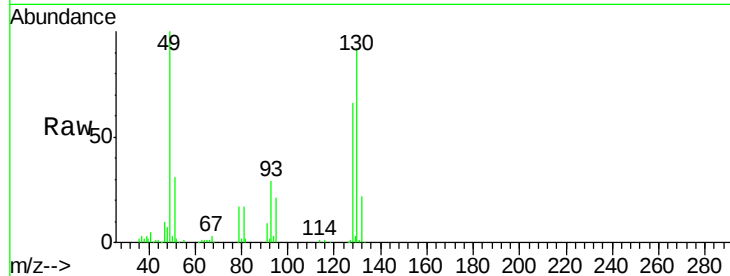
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
128	100		
49	148.1	0.0	423.0
130	130.7	0.0	324.3

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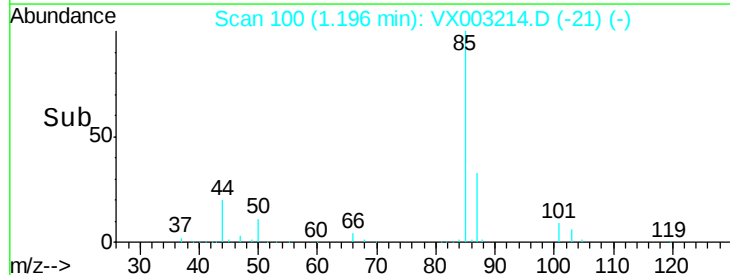
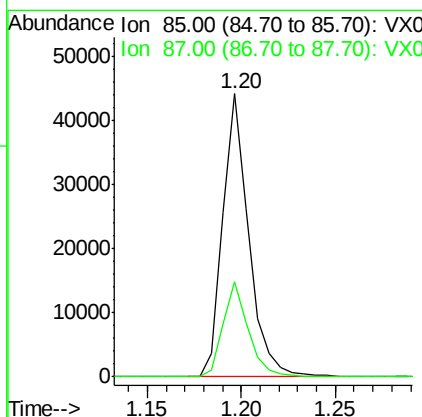
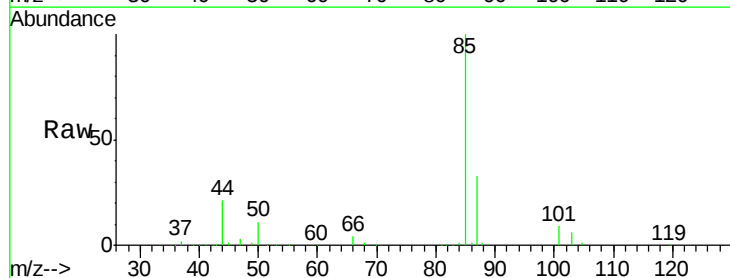
apatel
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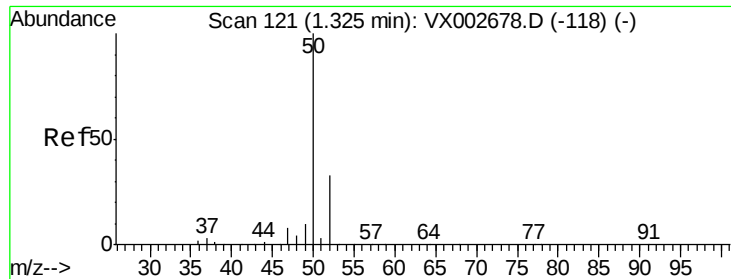


#2

Dichlorodifluoromethane
 Concen: 16.484 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.2	48.5





#3

Chloromethane

Concen: 15.002 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD03

Tgt Ion: 50 Resp: 41833

Ion Ratio Lower Upper

50 100

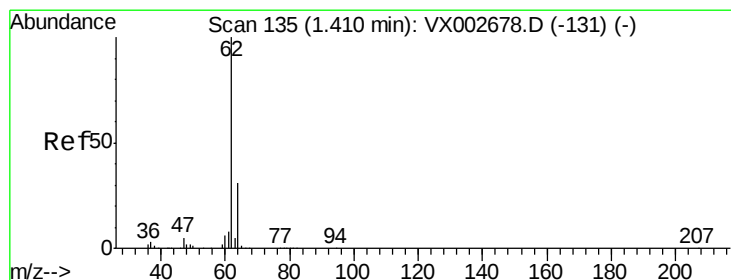
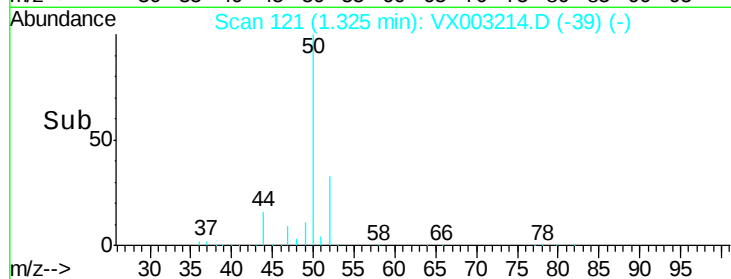
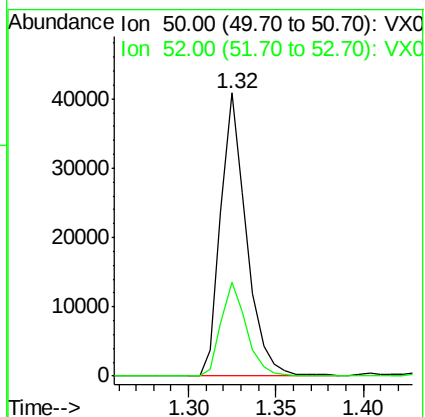
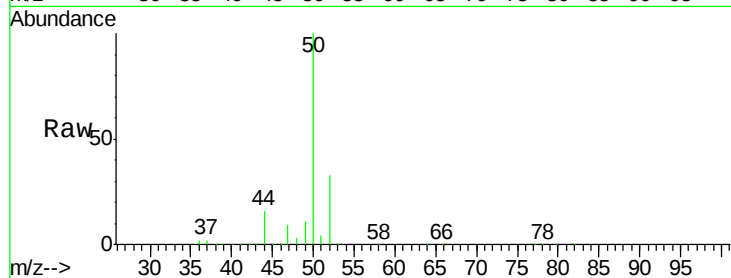
52 33.1 25.6 38.4

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#4

Vinyl Chloride

Concen: 15.620 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003214.D

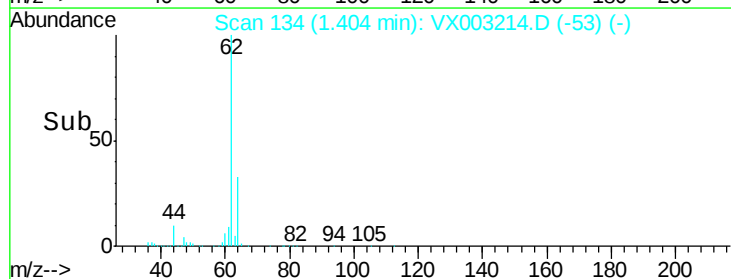
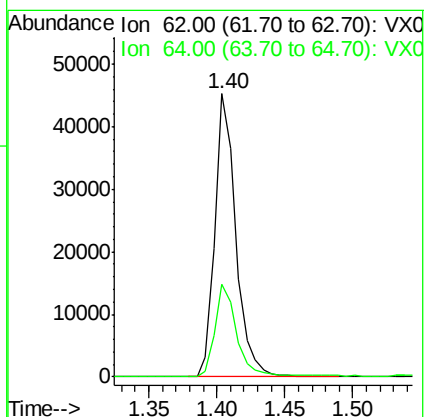
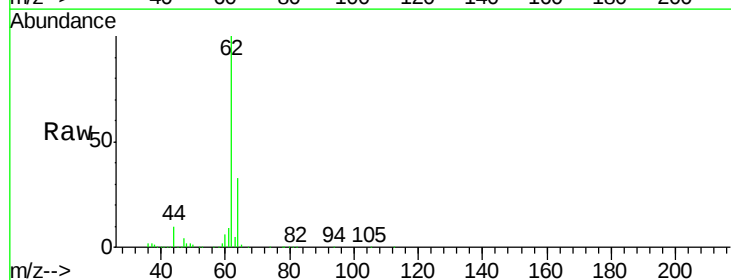
Acq: 06 Jul 2018 14:18

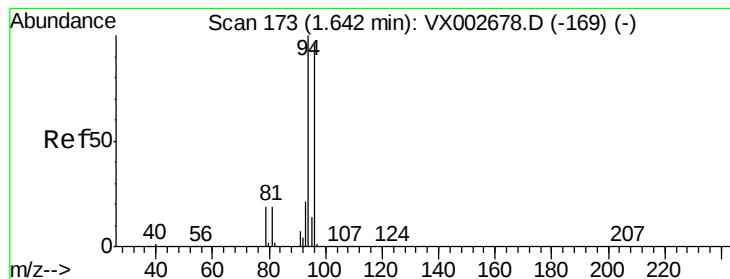
Tgt Ion: 62 Resp: 48534

Ion Ratio Lower Upper

62 100

64 32.7 25.3 37.9





#5

Bromomethane

Concen: 10.942 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD03

Tgt Ion: 94 Resp: 19862

Ion Ratio Lower Upper

94 100

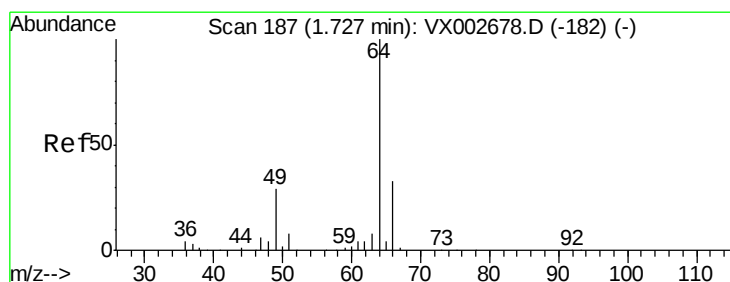
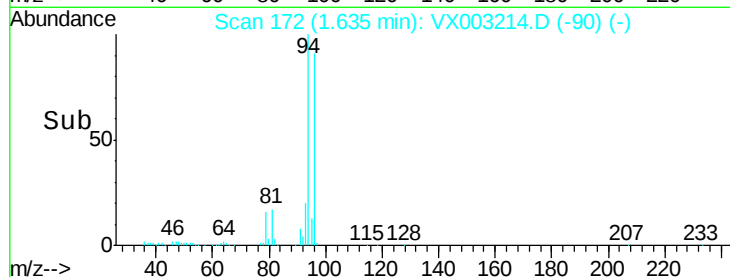
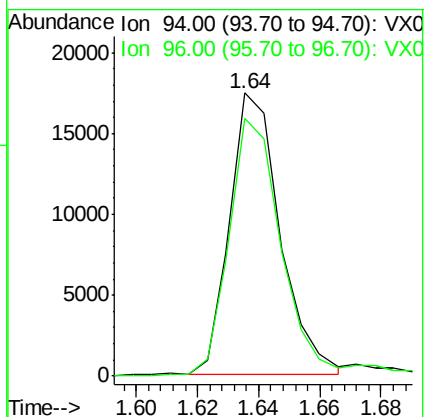
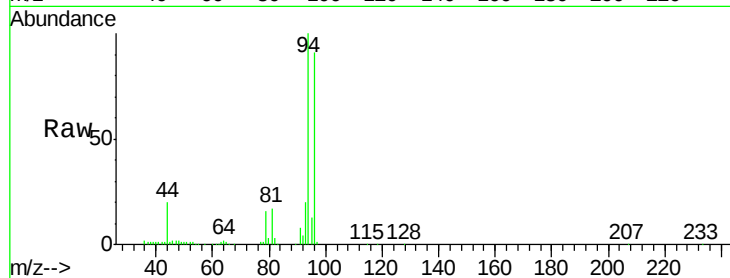
96 91.0 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 15.391 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003214.D

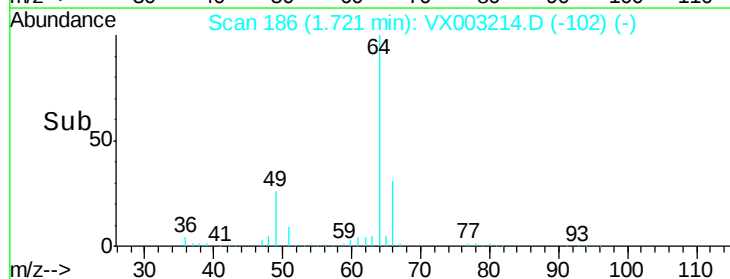
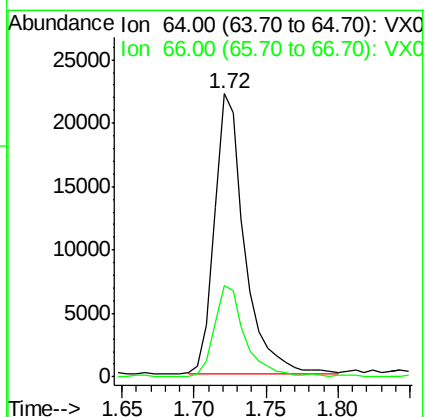
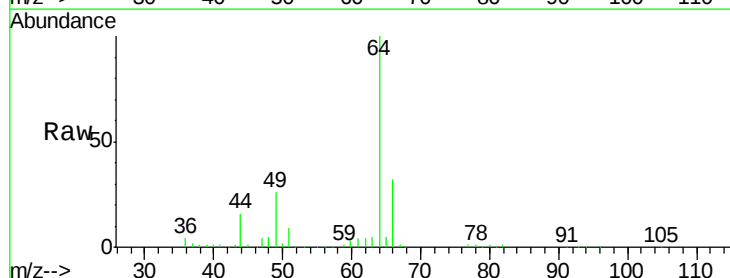
Acq: 06 Jul 2018 14:18

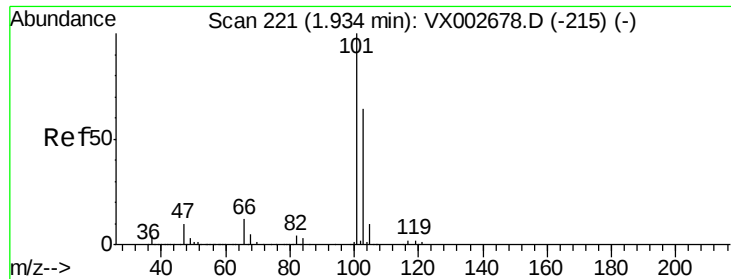
Tgt Ion: 64 Resp: 32161

Ion Ratio Lower Upper

64 100

66 32.6 24.3 36.5





#7

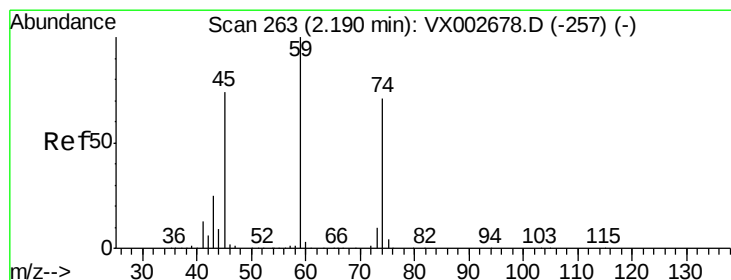
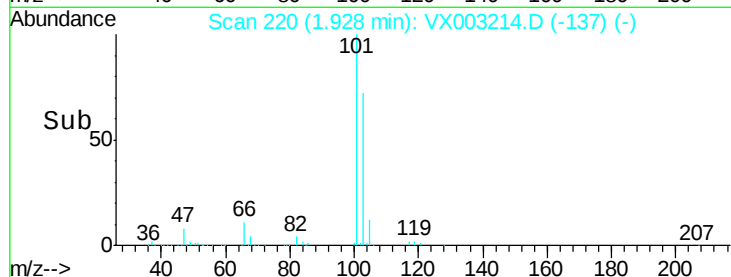
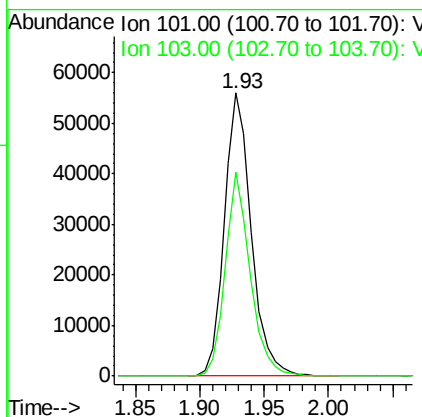
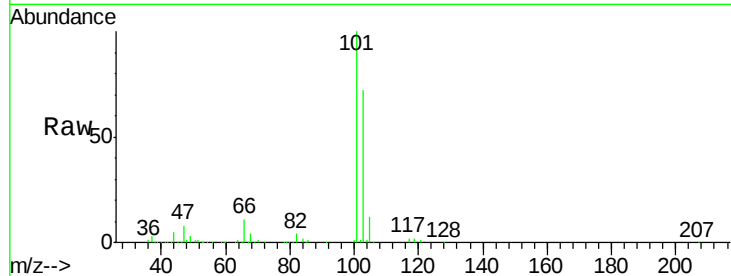
Trichlorofluoromethane
 Concen: 14.920 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
101	100		
103	71.9	51.5	77.3

Manual Integrations
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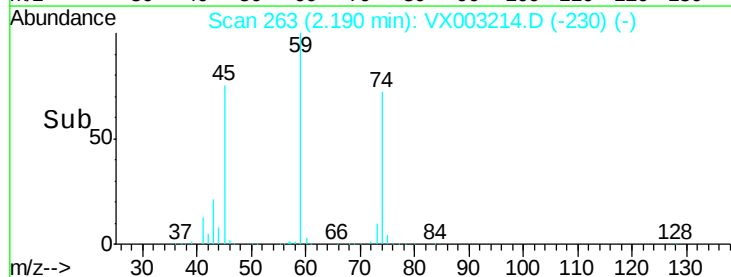
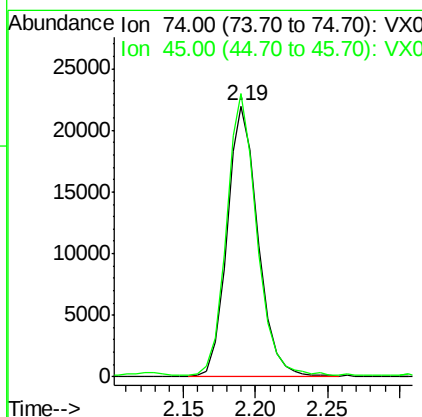
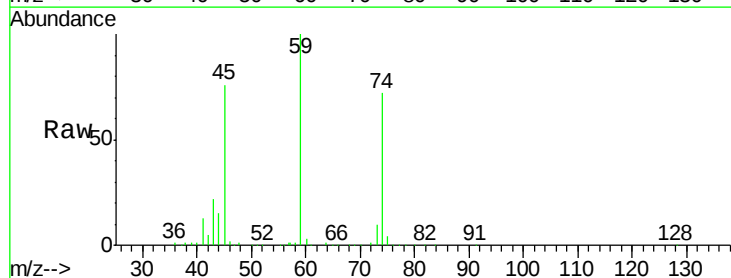
apatel
 7/18/2018 11:52:02 AM

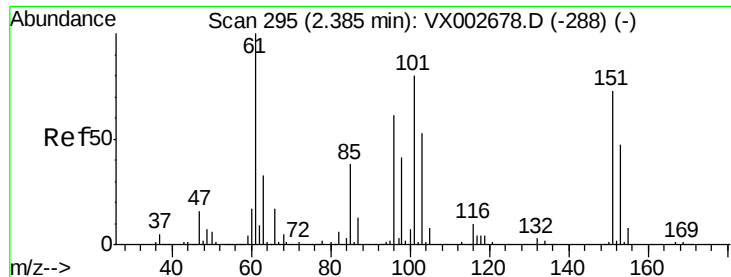


#8

Diethyl Ether
 Concen: 16.741 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	20.5	184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.912 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

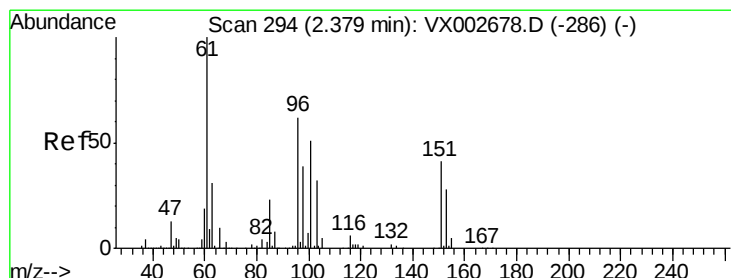
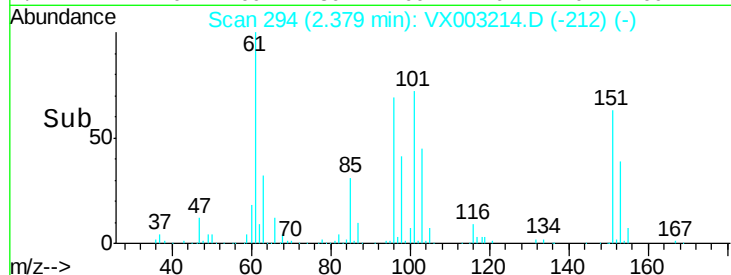
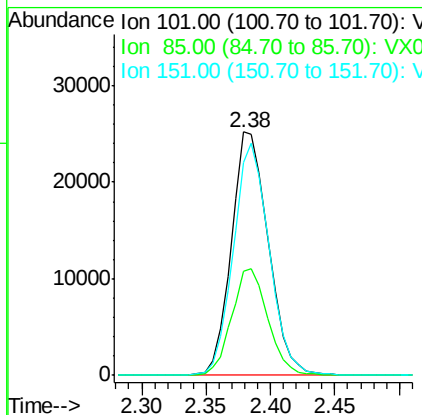
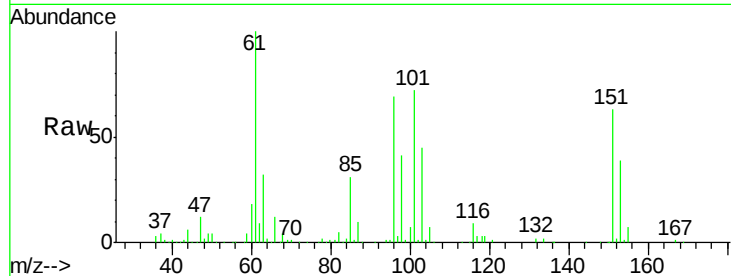
ClientSampleId :

VX0706WBSD03

Tgt Ion:	101	Resp:	50296
Ion Ratio	Lower	Upper	
101	100		
85	42.8	0.0	87.0
151	92.5	0.0	177.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 15.709 ug/l

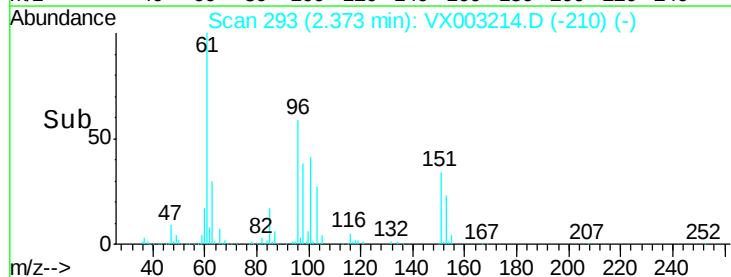
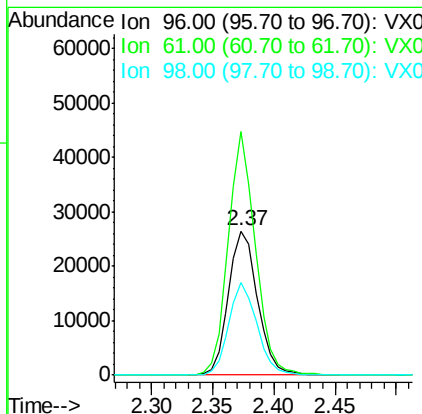
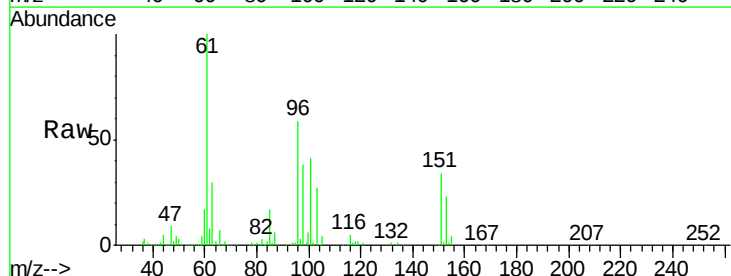
RT: 2.37 min Scan# 293

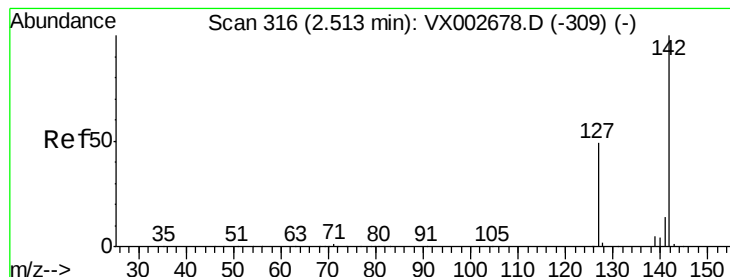
Delta R.T. 0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	96	Resp:	43707
Ion Ratio	Lower	Upper	
96	100		
61	168.9	137.5	206.3
98	64.5	51.4	77.2





#11

Methyl Iodide

Concen: 12.711 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

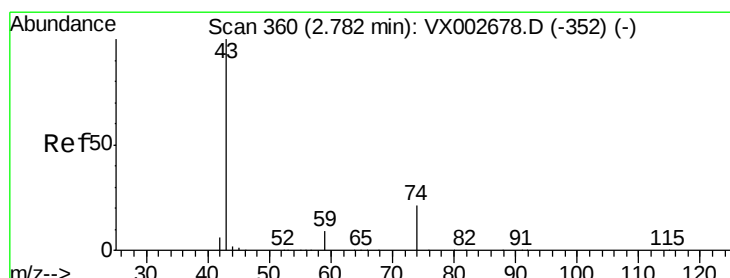
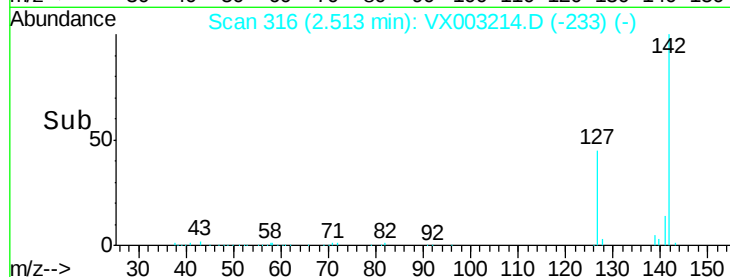
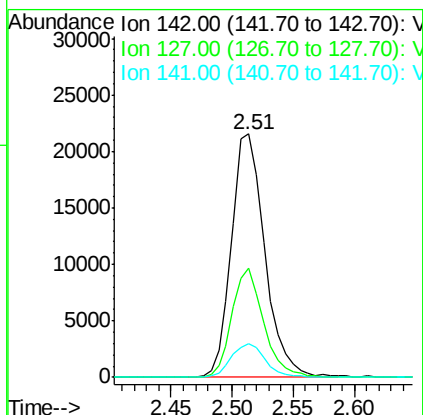
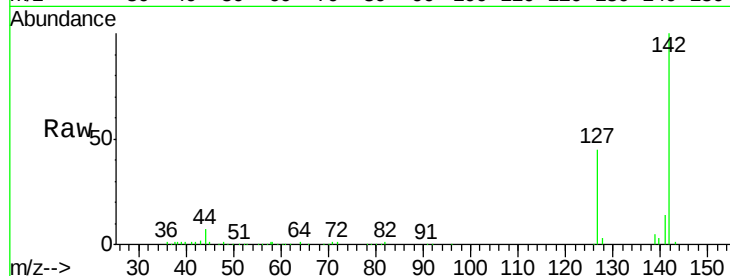
ClientSampleId :

VX0706WBSD03

Tgt Ion:	142	Resp:	40728
Ion Ratio	Lower	Upper	
142	100		
127	44.6	23.2	69.6
141	14.0	7.4	22.2

Manual Integrations
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#12

Methyl Acetate

Concen: 21.691 ug/l

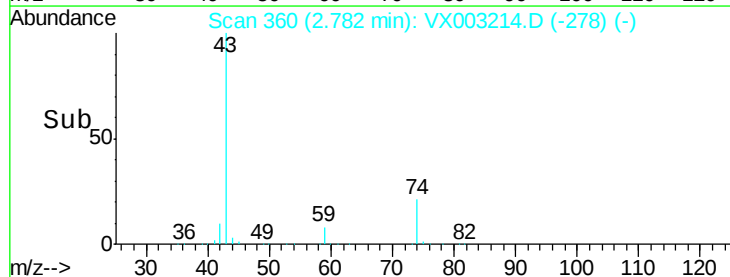
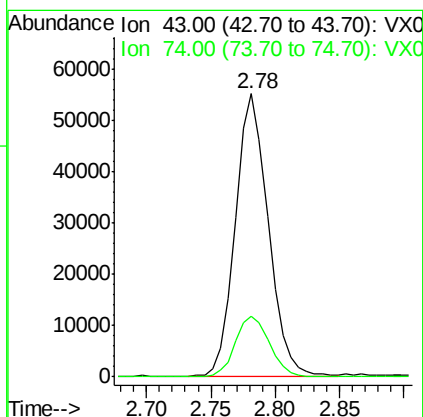
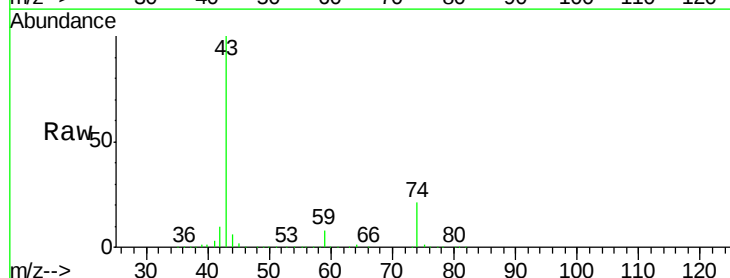
RT: 2.78 min Scan# 360

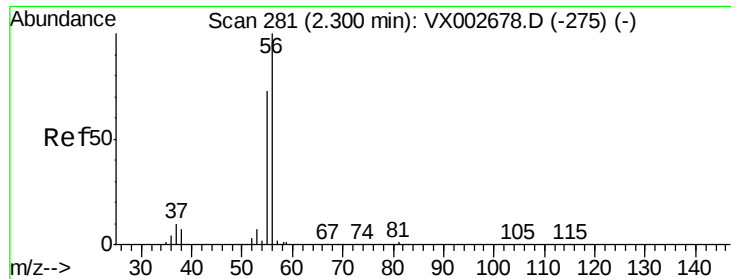
Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	43	Resp:	97937
Ion Ratio	Lower	Upper	
43	100		
74	21.2	16.4	24.6





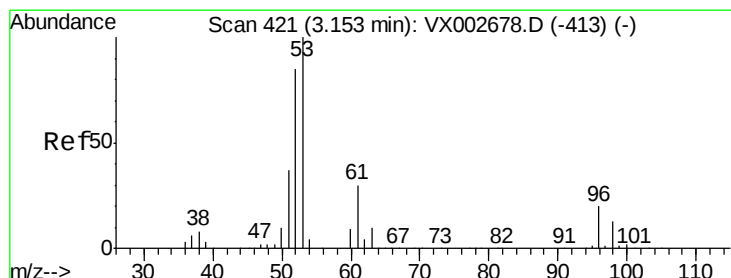
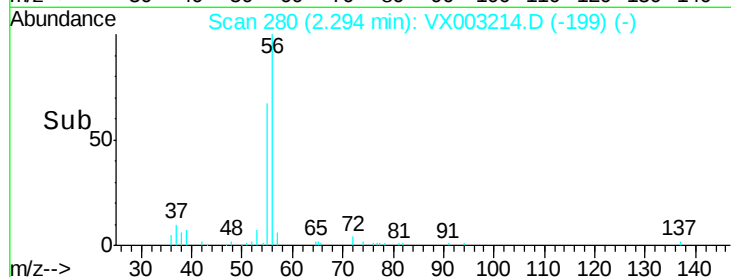
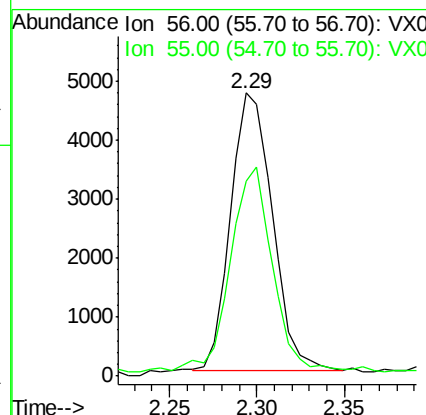
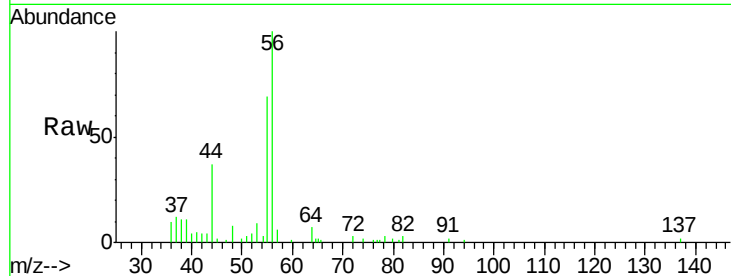
#13
Acrolein
Concen: 24.462 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion: 56 Resp: 7853
Ion Ratio Lower Upper
56 100
55 73.9 57.3 85.9

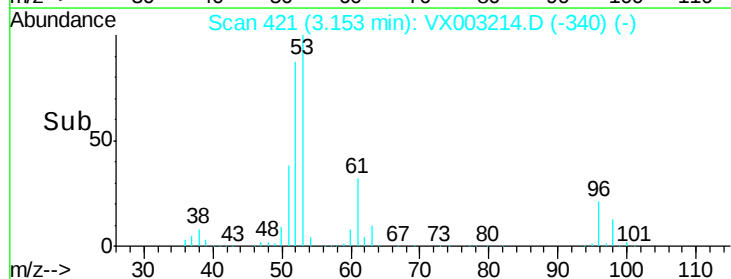
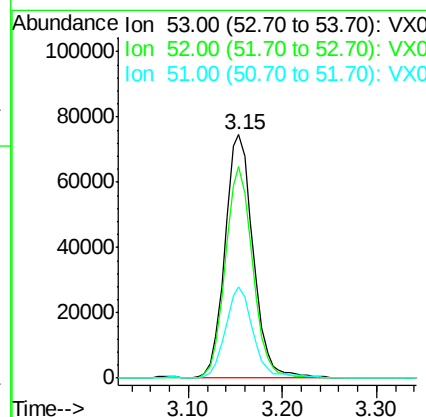
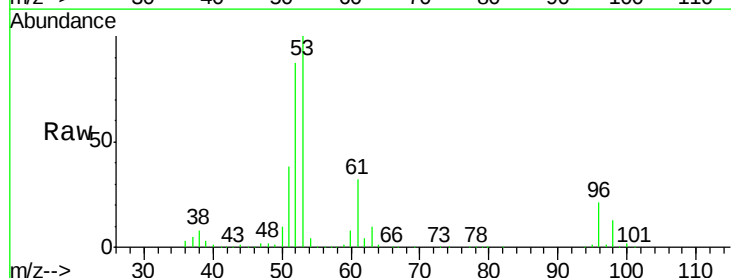
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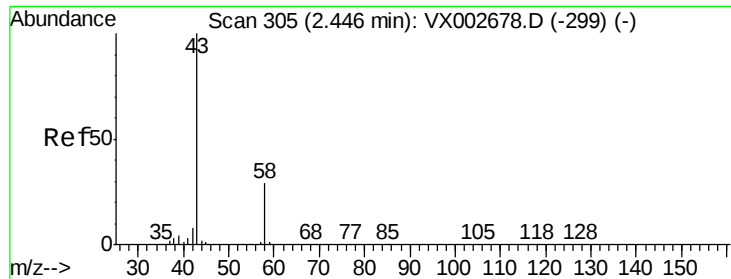
apatel
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#14
Acrylonitrile
Concen: 90.823 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion: 53 Resp: 154234
Ion Ratio Lower Upper
53 100
52 85.0 41.5 124.6
51 36.9 17.9 53.8





#15

Acetone

Concen: 85.550 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD03

Tgt Ion: 58 Resp: 40381

Ion Ratio Lower Upper

58 100

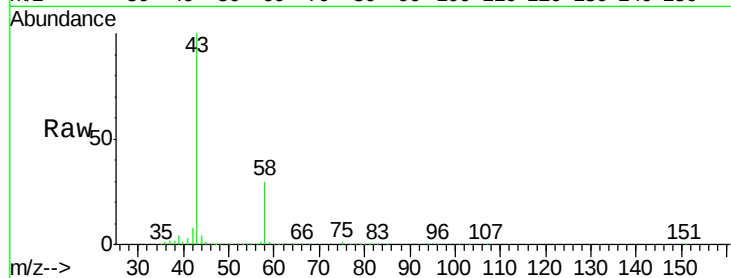
43 331.2 278.8 418.2

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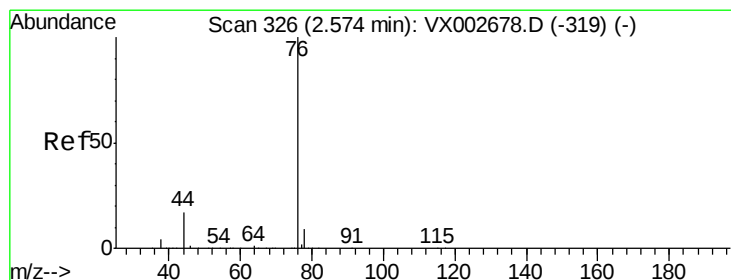
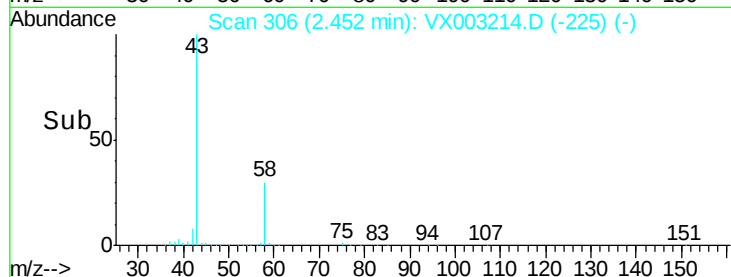
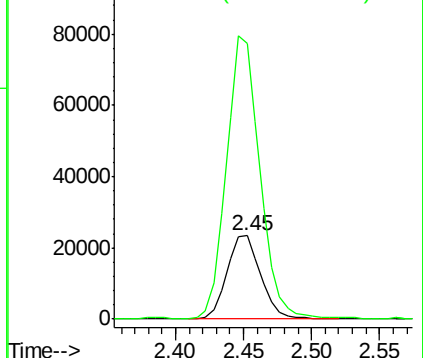
apatel

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 13.496 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003214.D

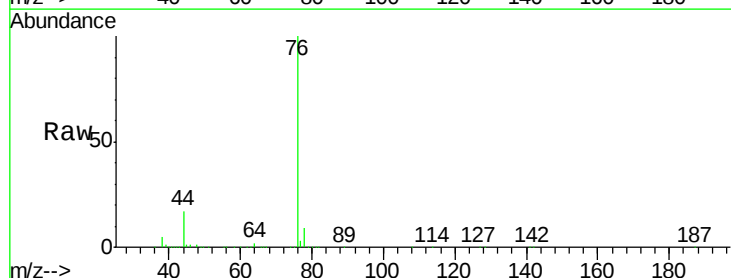
Acq: 06 Jul 2018 14:18

Tgt Ion: 76 Resp: 94020

Ion Ratio Lower Upper

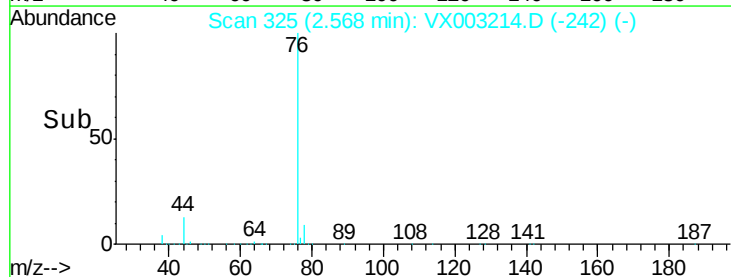
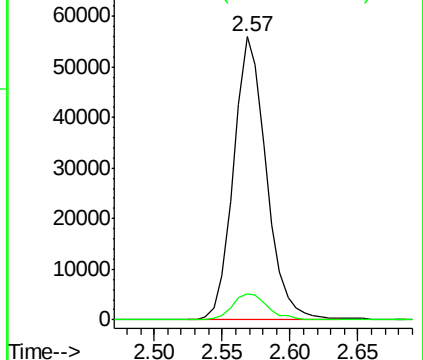
76 100

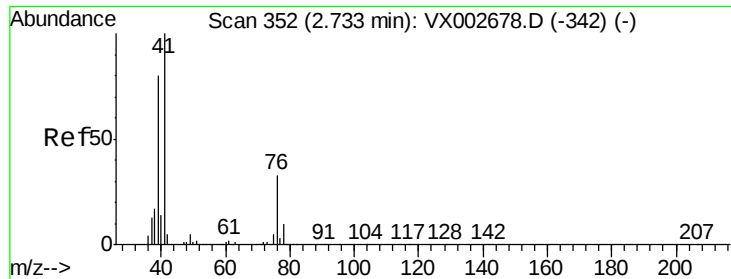
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





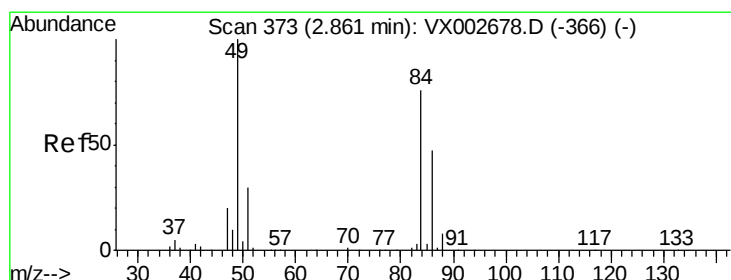
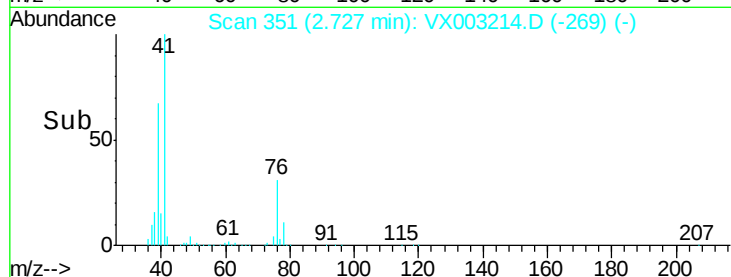
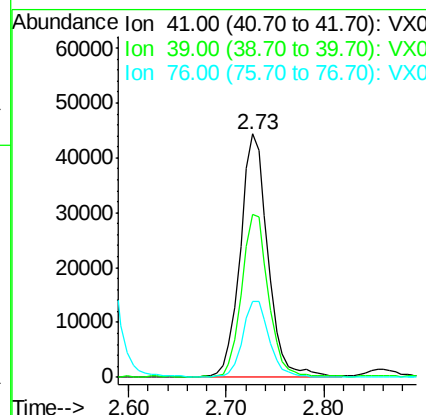
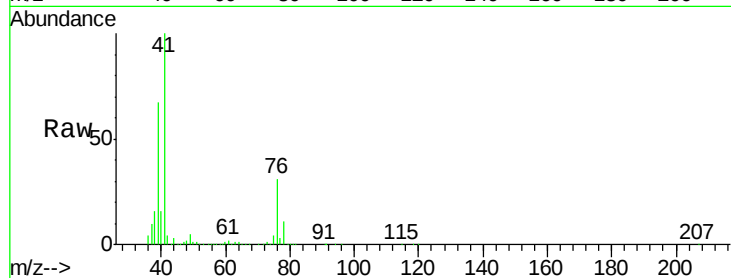
#17
 Allyl chloride
 Concen: 15.590 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.9	34.6	103.8
76	31.1	15.0	45.1

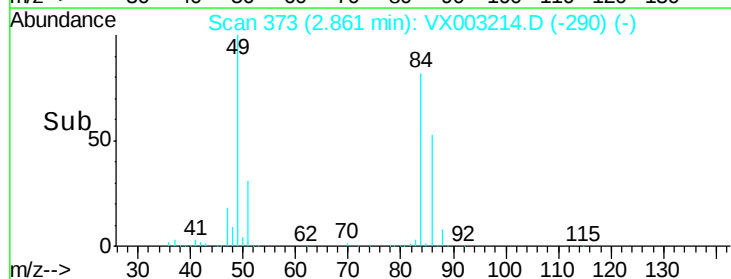
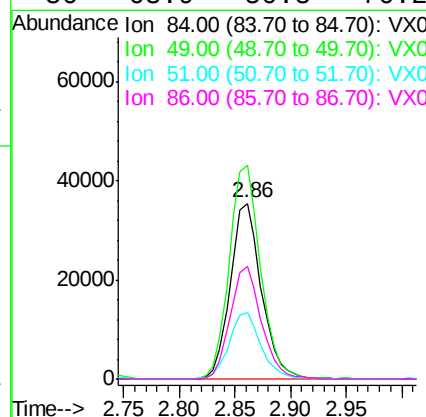
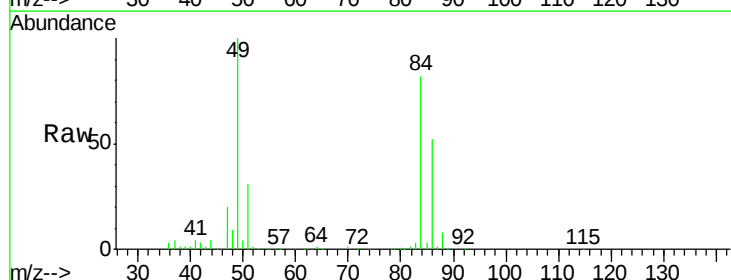
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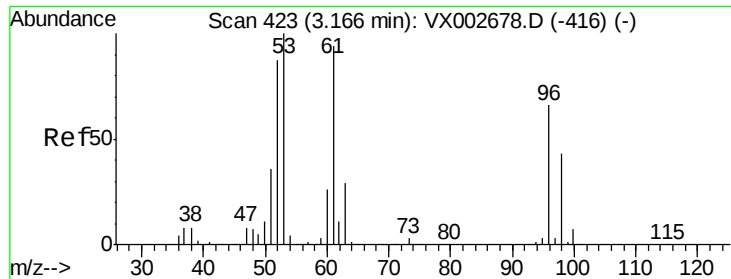
apatel
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#18
 Methylene Chloride
 Concen: 21.469 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.6	104.7	157.1
51	37.4	31.0	46.4
86	63.9	50.8	76.2





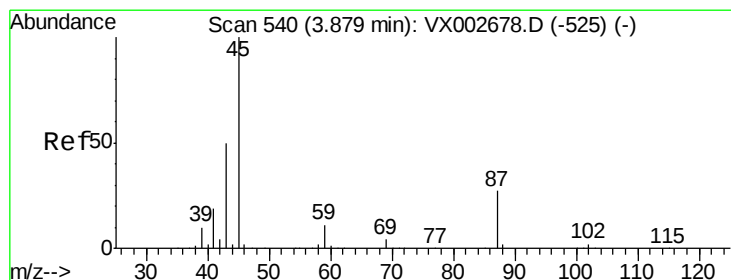
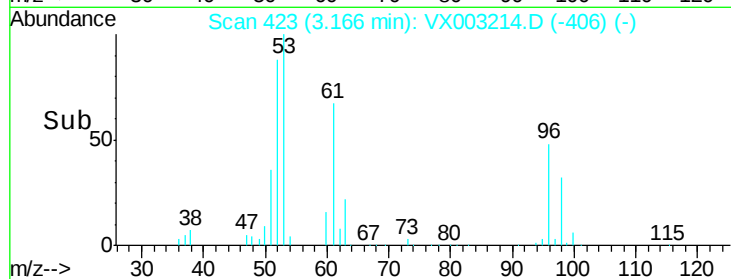
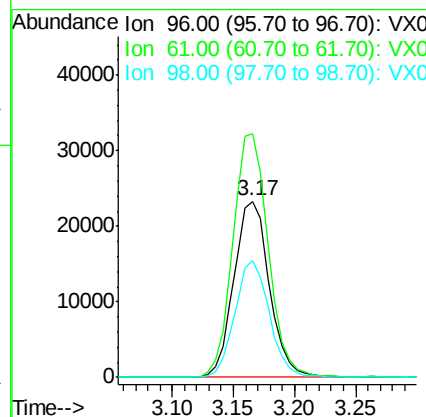
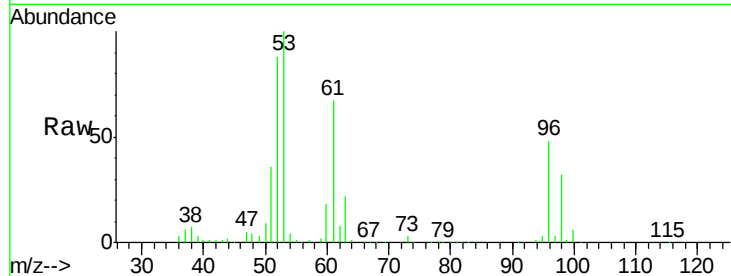
#19
trans-1,2-Dichloroethene
Concen: 15.644 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.2	114.6	172.0
98	66.0	51.3	76.9

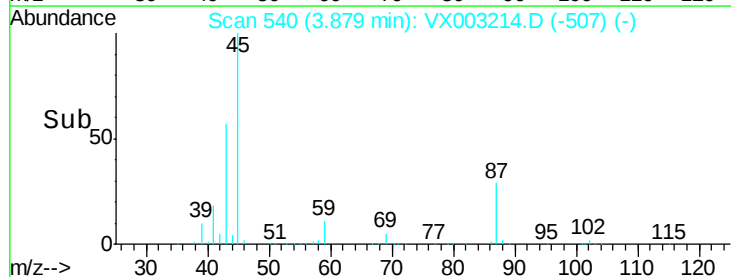
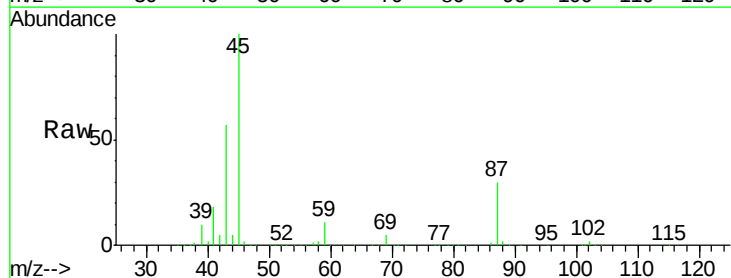
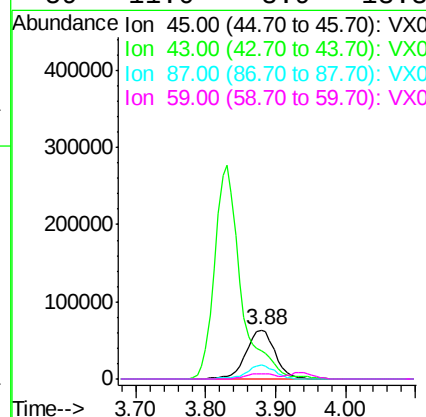
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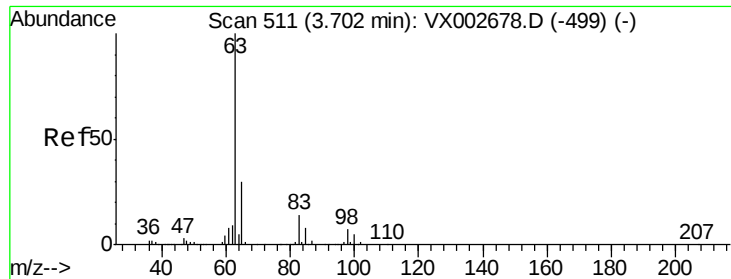
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#20
Diisopropyl ether
Concen: 17.636 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.8	45.6	68.4
87	29.6	20.7	31.1
59	11.0	8.9	13.3





#21

1,1-Dichloroethane

Concen: 16.876 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

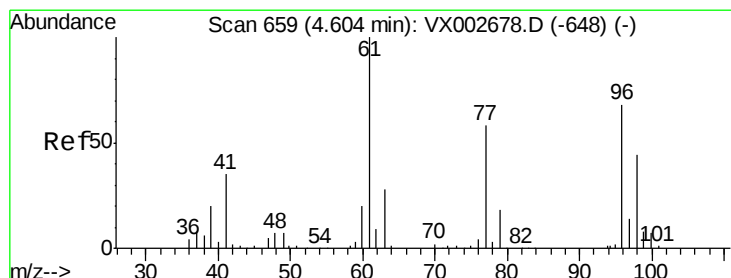
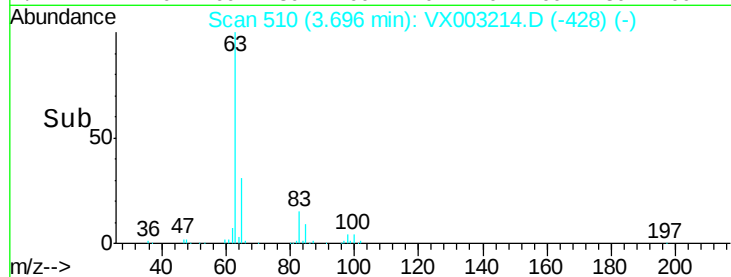
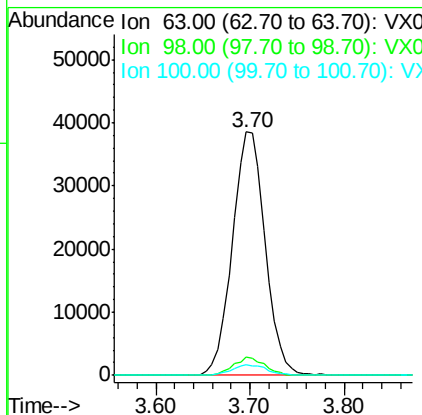
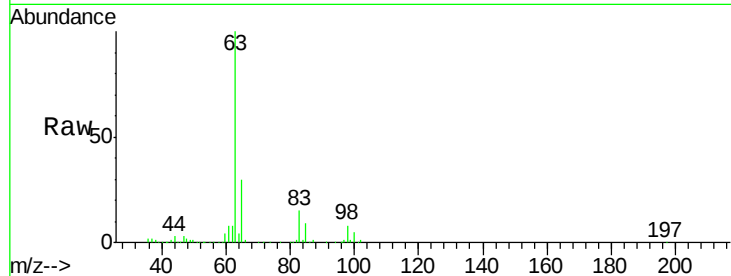
ClientSampleId :

VX0706WBSD03

Tgt Ion:	63	Resp:	93618
Ion Ratio	Lower	Upper	
63	100		
98	7.5	3.1	9.3
100	4.5	2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.495 ug/l

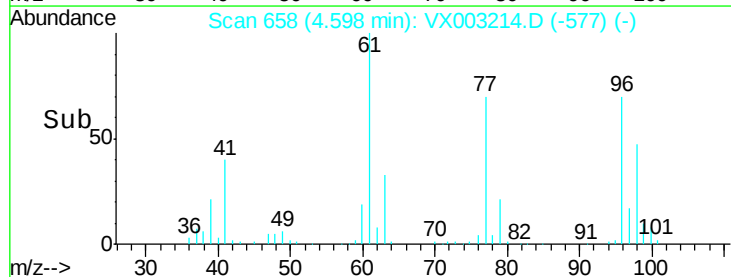
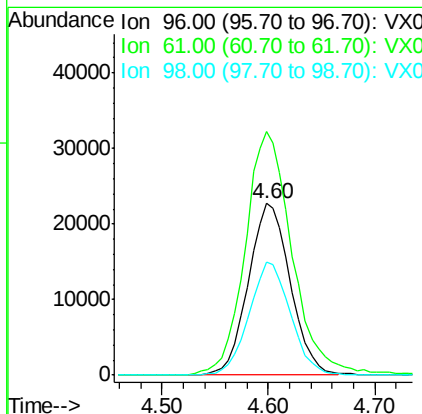
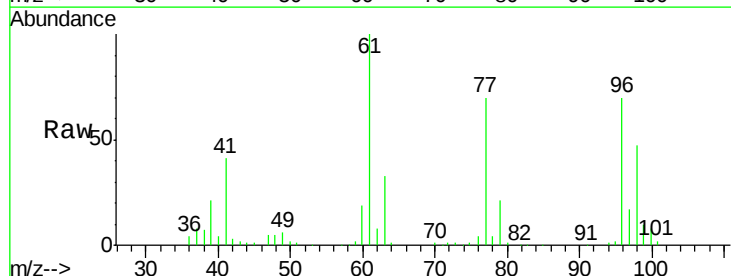
RT: 4.60 min Scan# 658

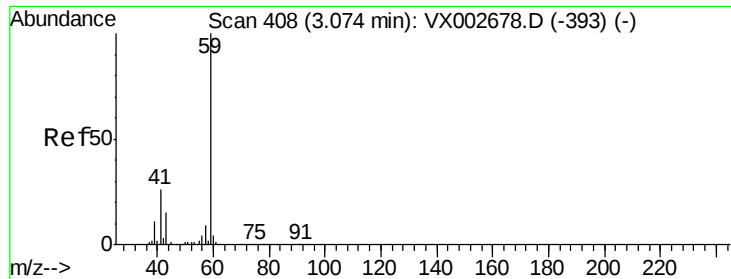
Delta R.T. -0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	96	Resp:	62517
Ion Ratio	Lower	Upper	
96	100		
61	159.2	160.2	240.2#
98	65.2	54.1	81.1





#23

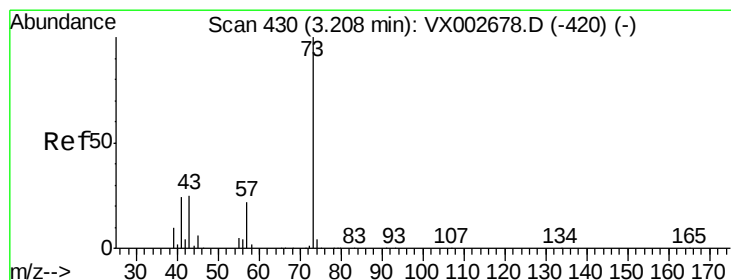
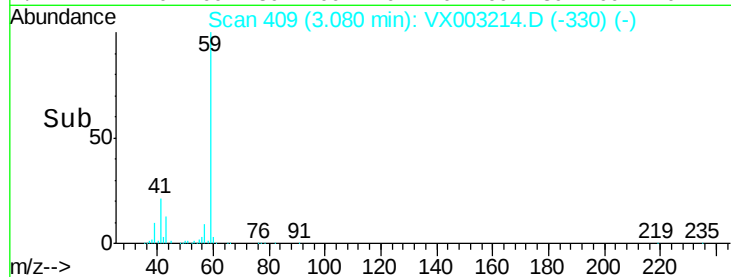
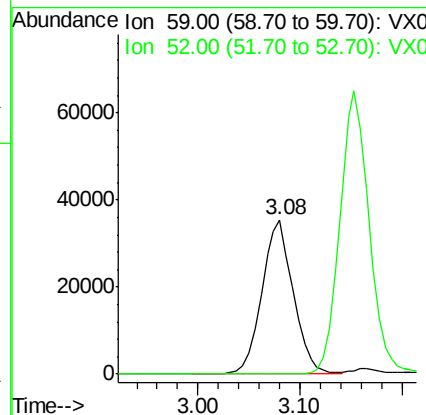
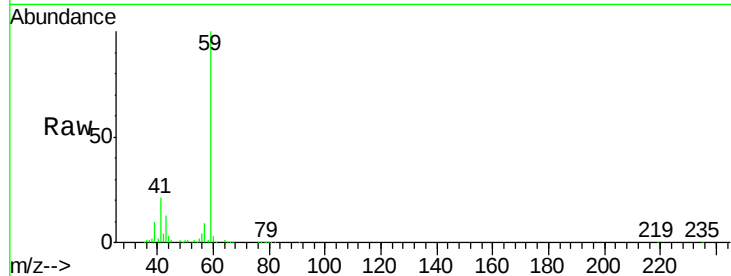
tert-Butyl Alcohol
 Concen: 97.973 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion: 59 Resp: 75538
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.2 0.2#

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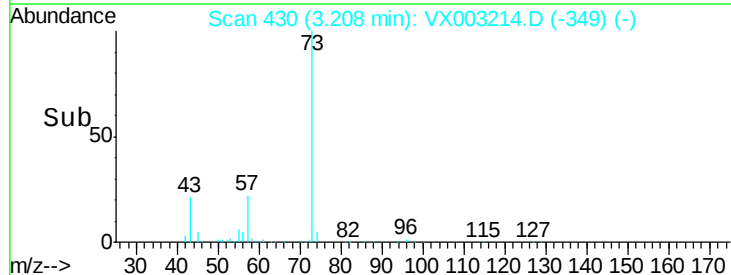
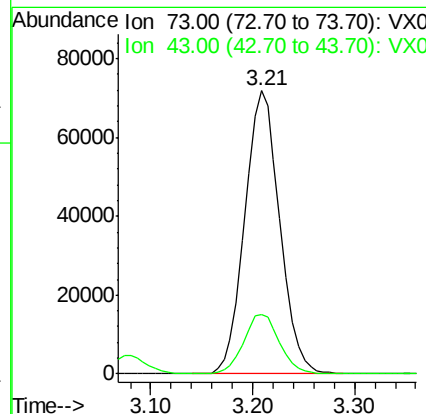
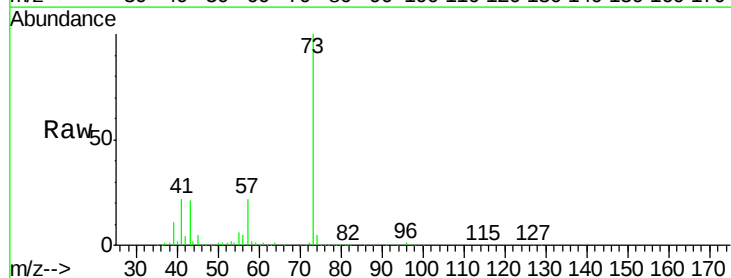
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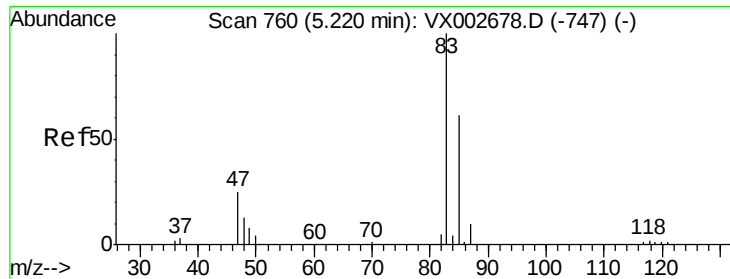


#24

Methyl tert-Butyl Ether
 Concen: 16.454 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion: 73 Resp: 170925
 Ion Ratio Lower Upper
 73 100
 43 21.3 19.0 28.4





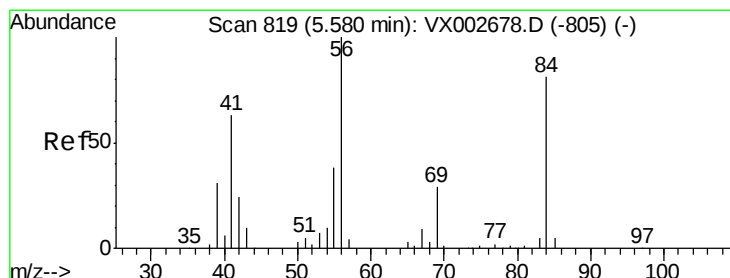
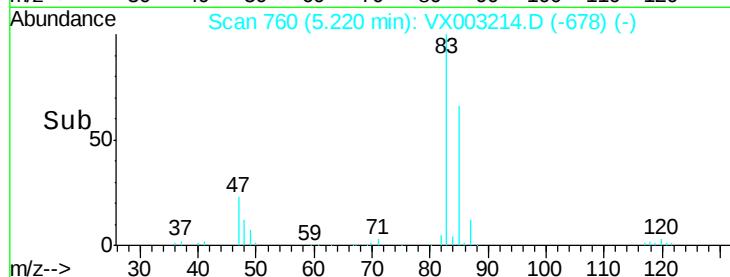
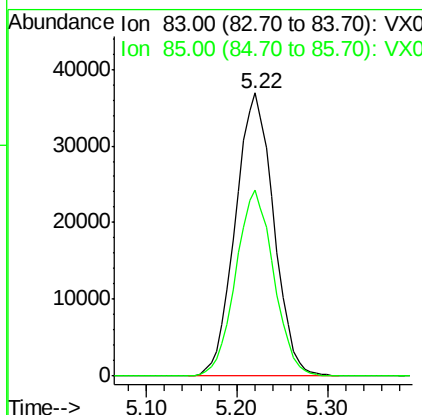
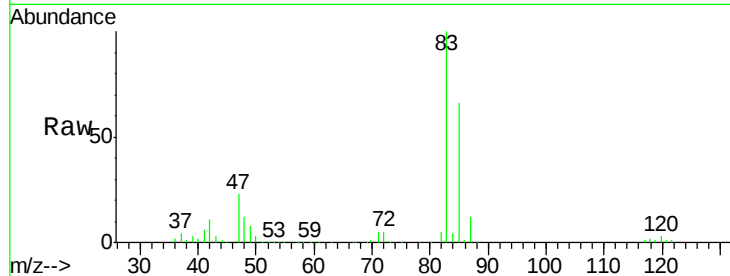
#25
Chloroform
Concen: 19.395 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion: 83 Resp: 107976
Ion Ratio Lower Upper
83 100
85 65.9 51.9 77.9

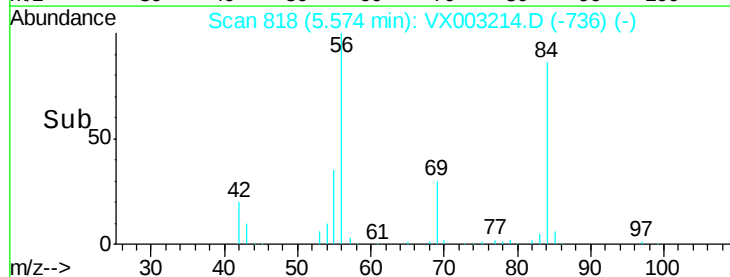
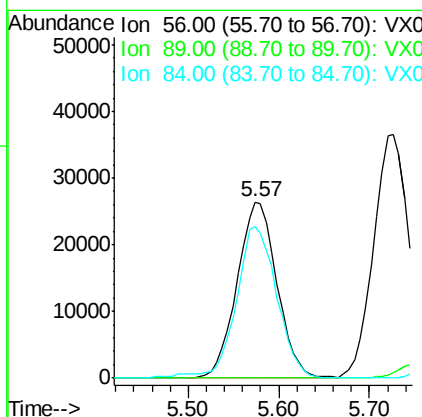
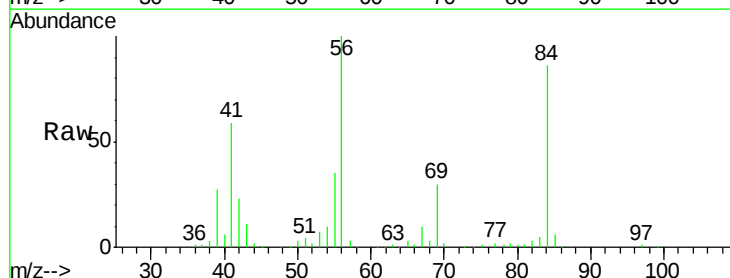
Manual Integrations
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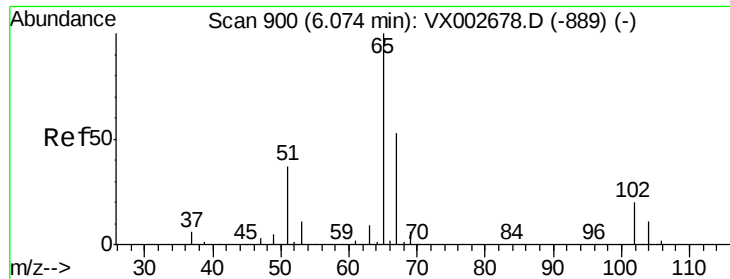
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#26
Cyclohexane
Concen: 17.031 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion: 56 Resp: 80267
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.5 64.9 97.3





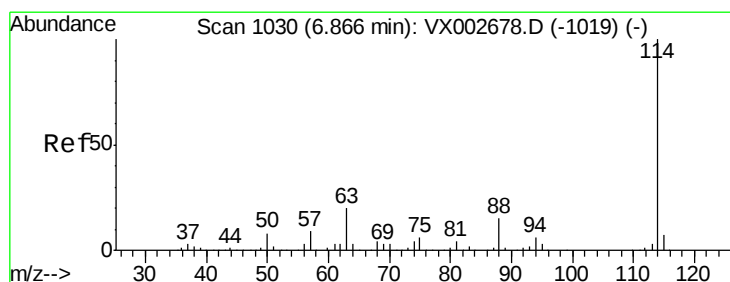
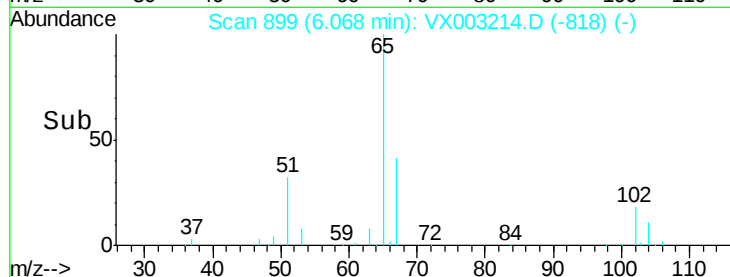
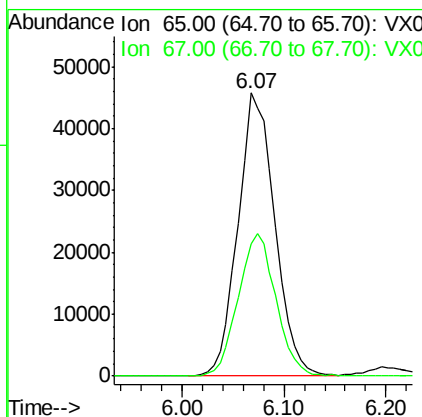
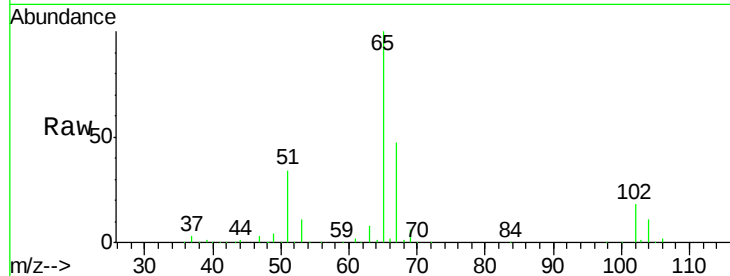
#27
 1,2-Dichloroethane-d4
 Concen: 28.023 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion: 65 Resp: 115169
 Ion Ratio Lower Upper
 65 100
 67 51.4 40.9 61.3

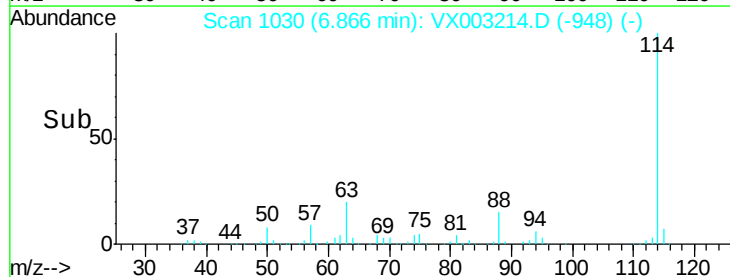
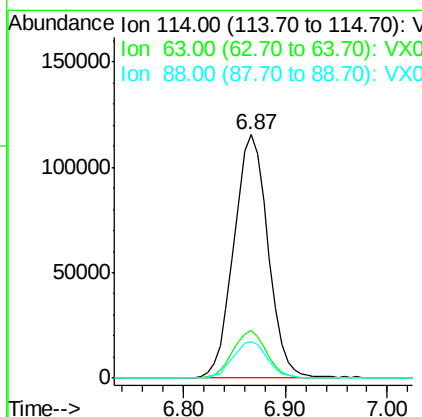
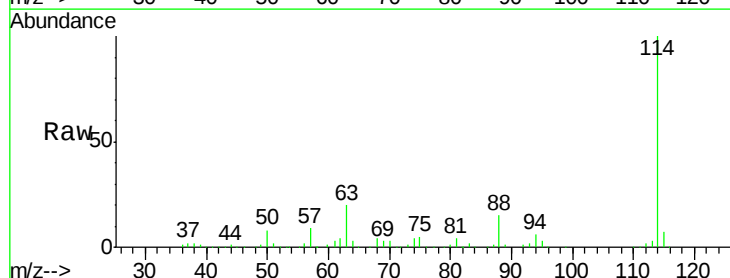
Manual Integrations
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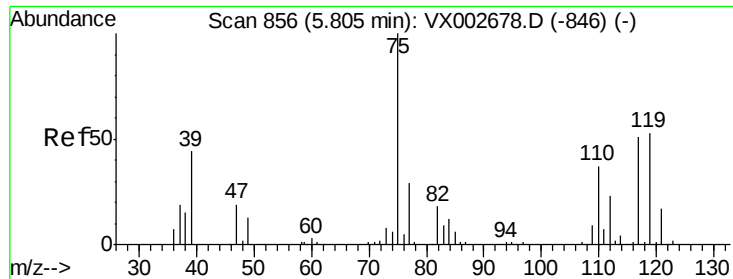
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion: 114 Resp: 269135
 Ion Ratio Lower Upper
 114 100
 63 19.6 17.1 25.7
 88 15.0 12.6 19.0





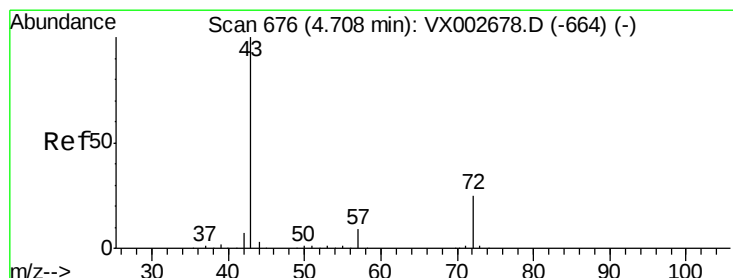
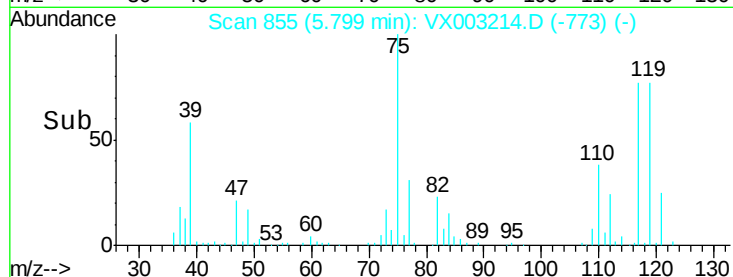
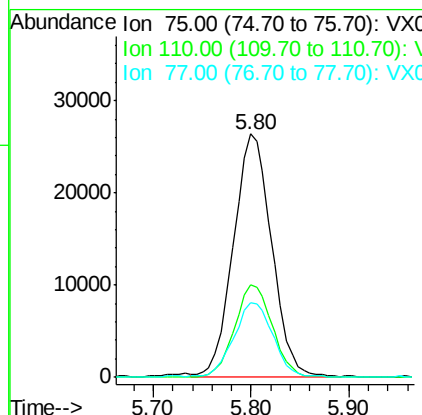
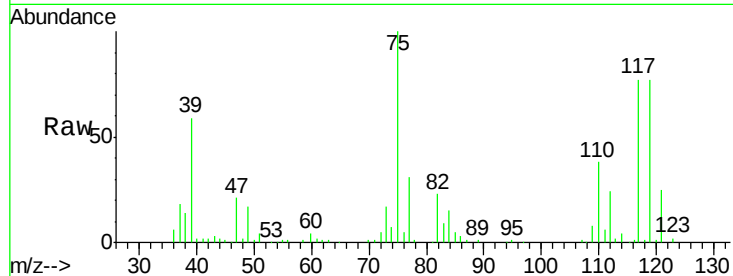
#29
 1,1-Dichloropropene
 Concen: 19.746 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	0.0	71.4
77	31.8	0.0	60.6

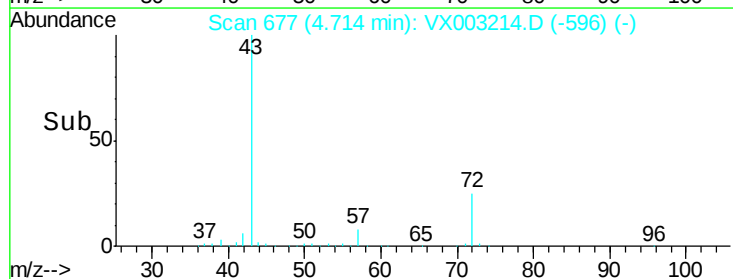
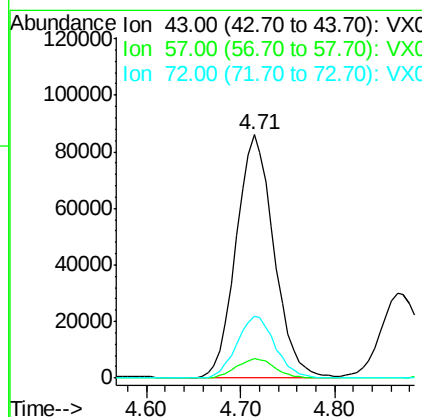
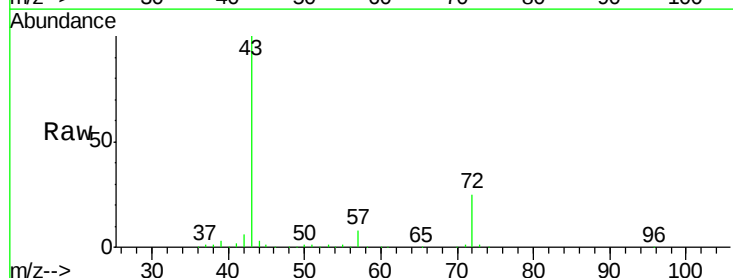
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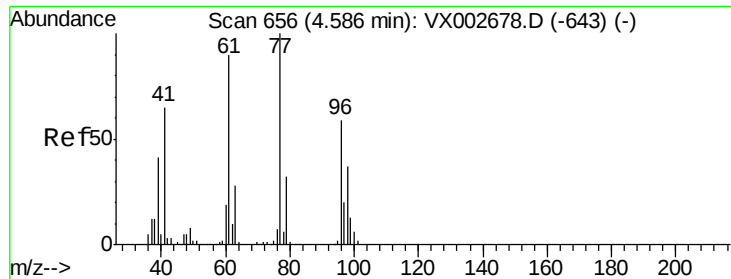
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#30
 2-Butanone
 Concen: 115.615 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.1	9.1
72	26.0	18.1	27.1





#31

2,2-Dichloropropane

Concen: 20.433 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD03

Tgt Ion: 77 Resp: 79371

Ion Ratio Lower Upper

77 100

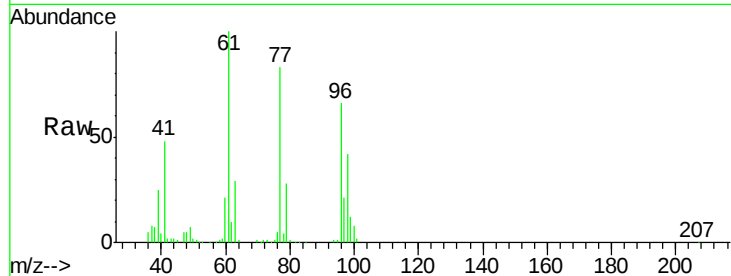
97 24.1 18.7 28.1

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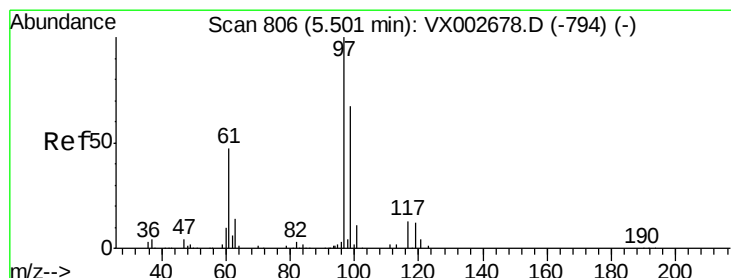
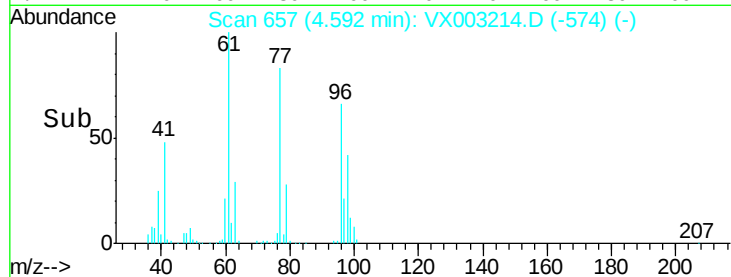
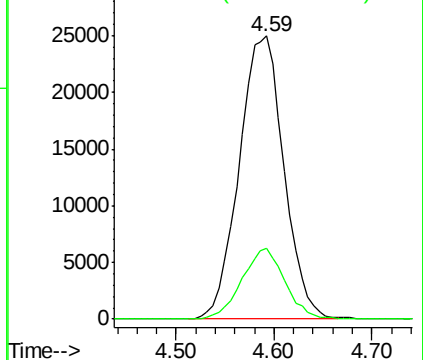
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Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.470 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

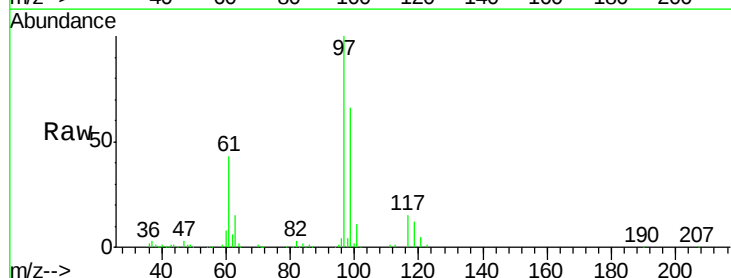
Tgt Ion: 97 Resp: 89874

Ion Ratio Lower Upper

97 100

99 65.4 51.7 77.5

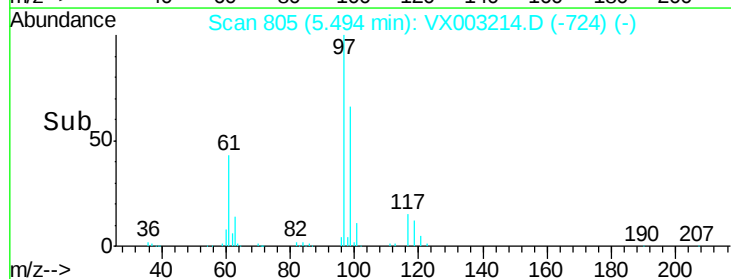
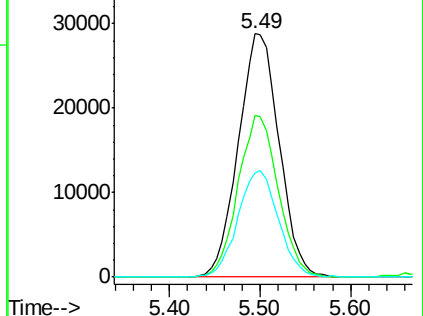
61 43.4 36.4 54.6

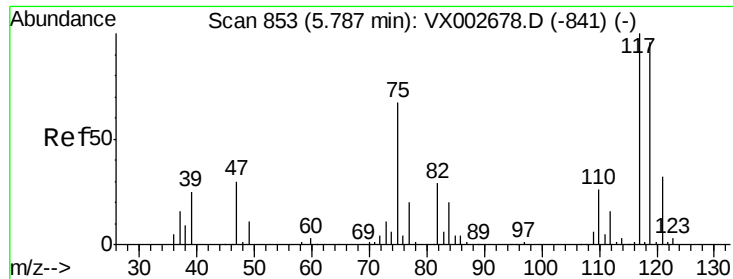


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 20.419 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

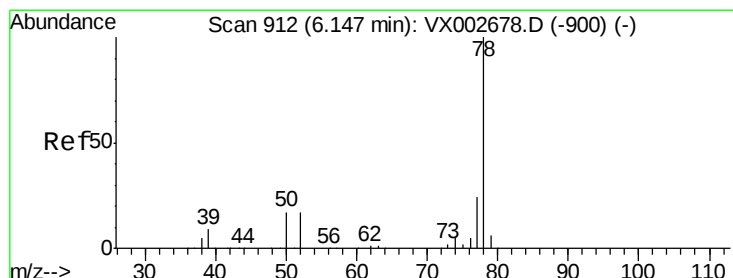
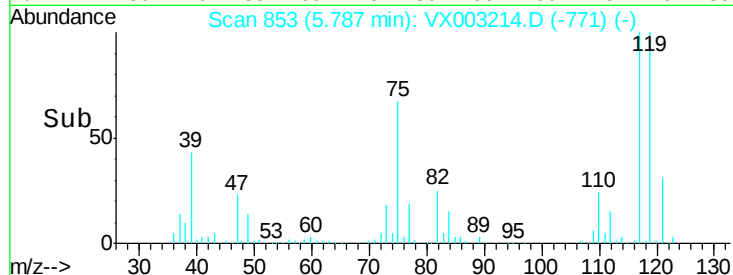
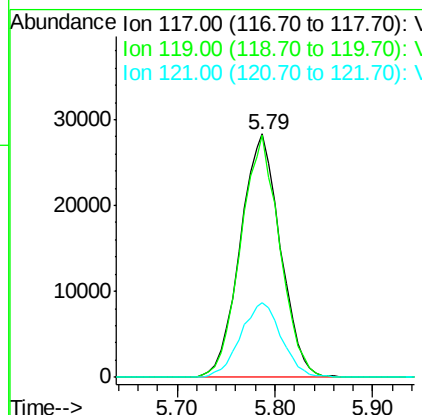
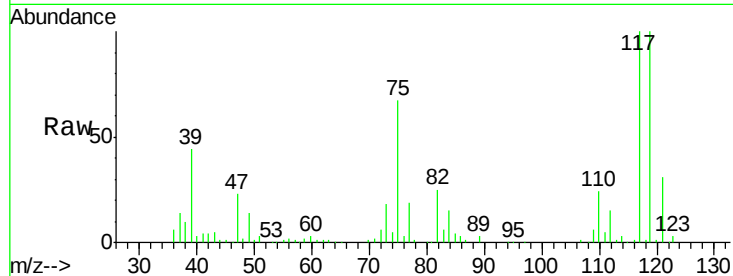
ClientSampleId :

VX0706WBSD03

Tgt Ion:	117	Resp:	80579
Ion	Ratio	Lower	Upper
117	100		
119	99.5	73.3	109.9
121	30.8	23.6	35.4

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#34

Benzene

Concen: 20.692 ug/l m

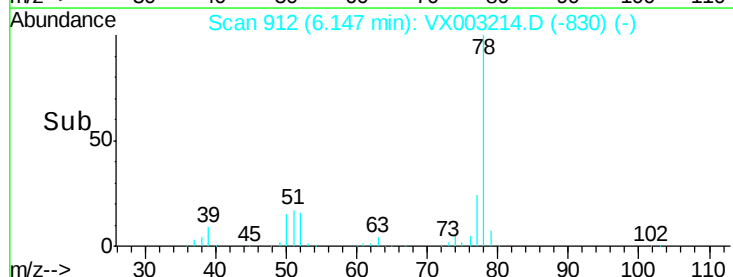
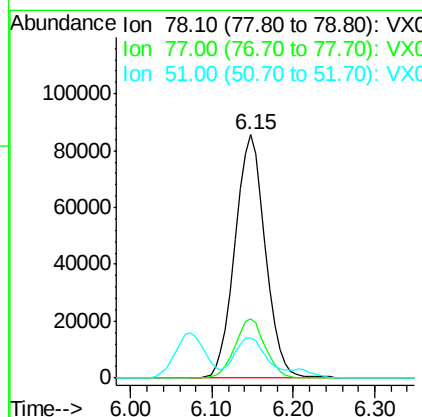
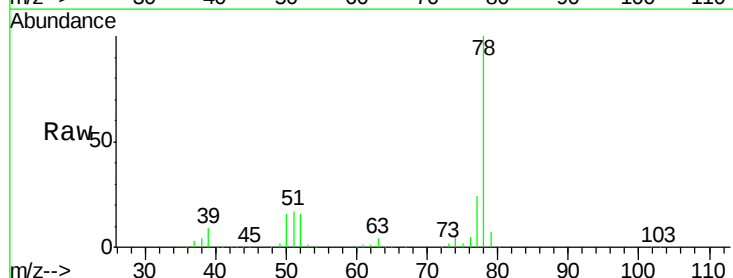
RT: 6.15 min Scan# 912

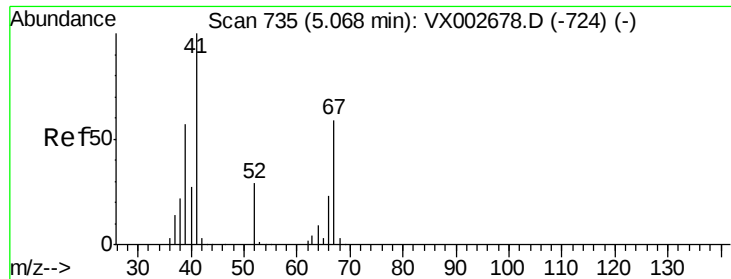
Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	78	Resp:	222722
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0
51	16.6	13.8	20.6





#35

Methacrylonitrile

Concen: 22.536 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

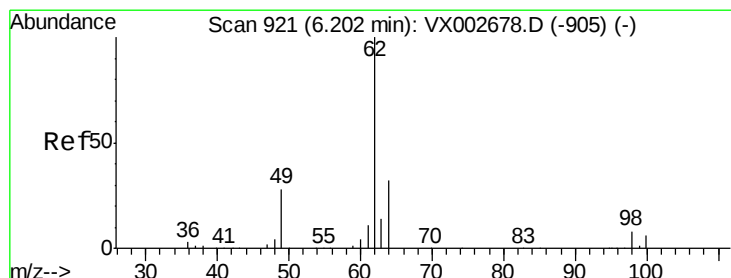
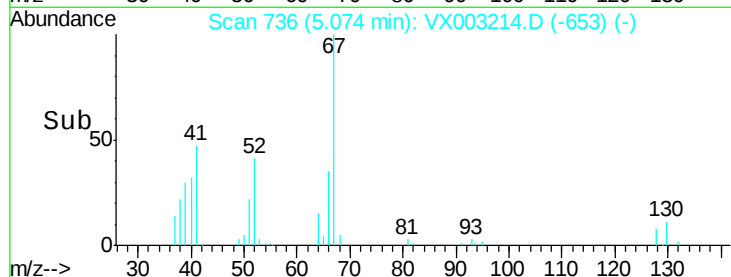
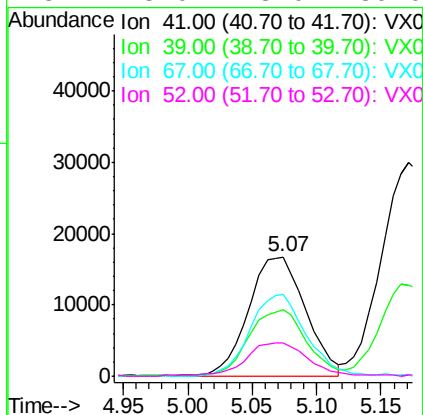
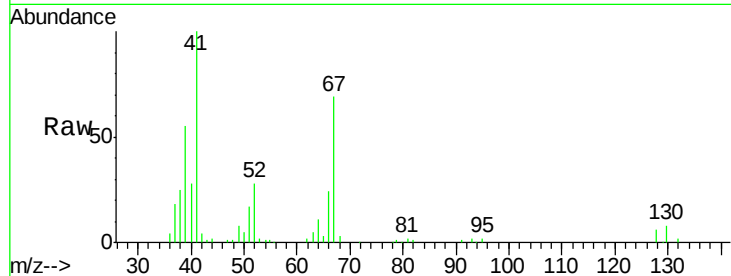
ClientSampleId :

VX0706WBSD03

Tgt Ion:	41	Resp:	51028
Ion Ratio	Lower	Upper	
41	100		
39	55.9	28.8	86.5
67	69.5	30.4	91.2
52	28.0	13.0	39.0

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#36

1,2-Dichloroethane

Concen: 20.710 ug/l

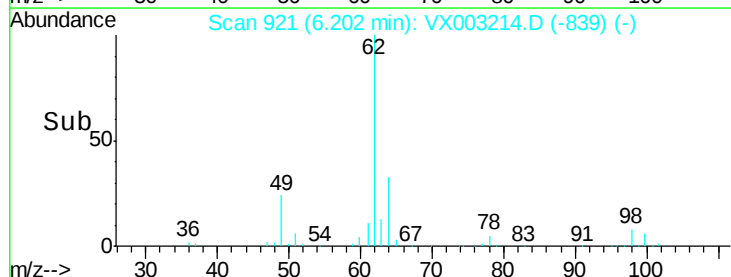
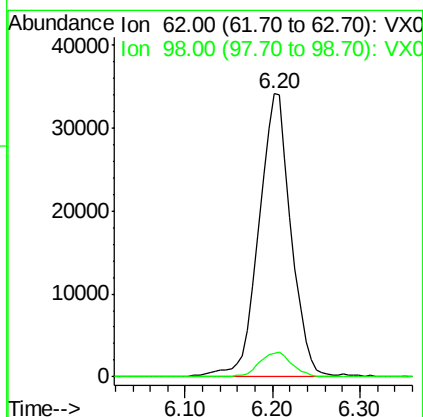
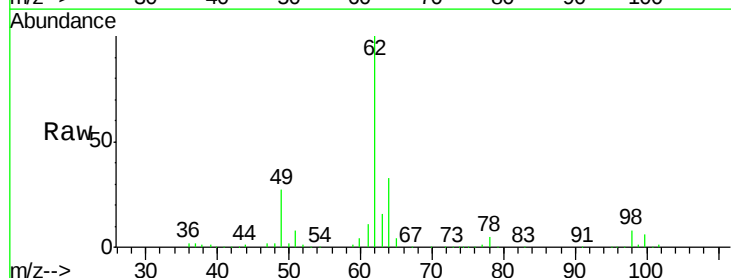
RT: 6.20 min Scan# 921

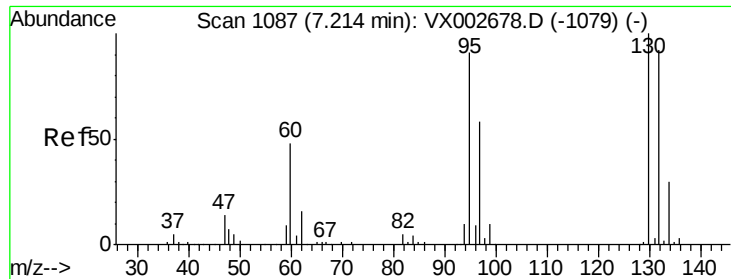
Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	62	Resp:	87516
Ion Ratio	Lower	Upper	
62	100		
98	9.0	6.5	9.7





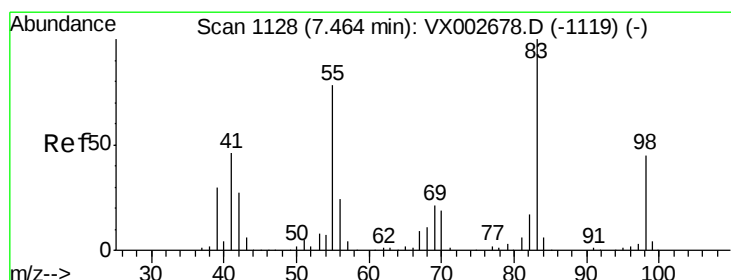
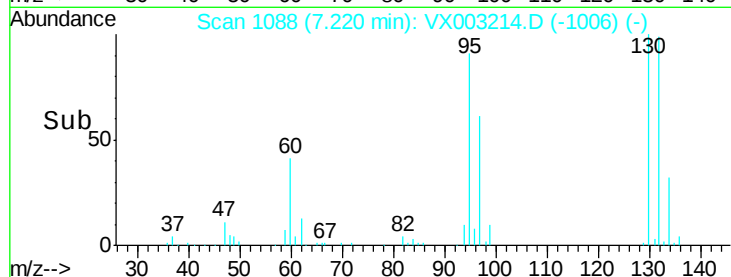
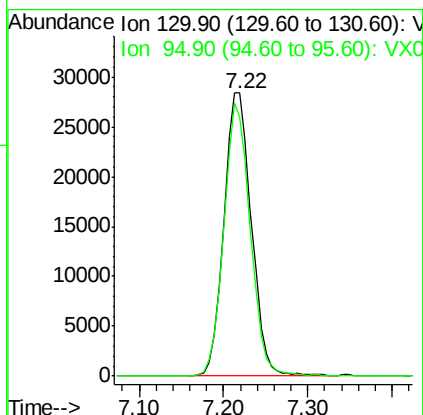
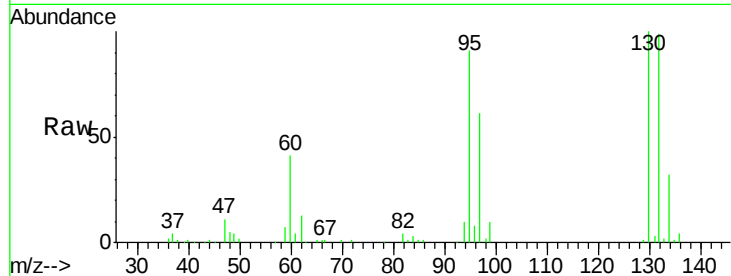
#37
 Trichloroethene
 Concen: 20.124 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion: 130 Resp: 63442
 Ion Ratio Lower Upper
 130 100
 95 91.3 81.5 122.3

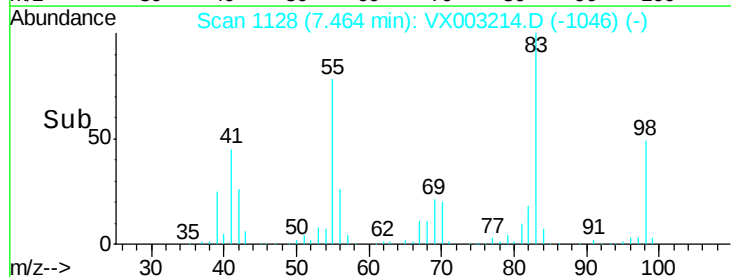
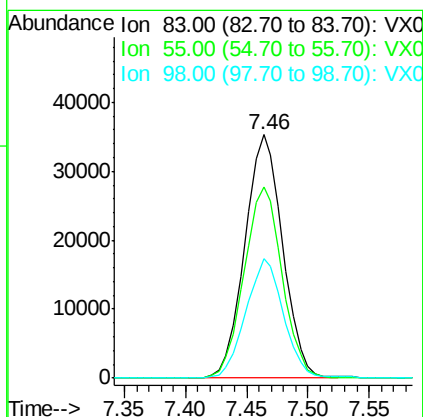
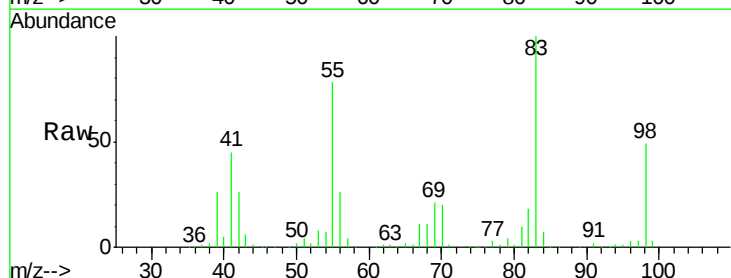
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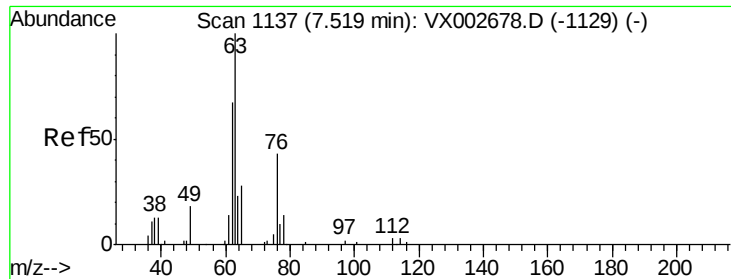
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#38
 Methylcyclohexane
 Concen: 17.169 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion: 83 Resp: 75918
 Ion Ratio Lower Upper
 83 100
 55 79.2 40.6 121.8
 98 48.5 23.5 70.5





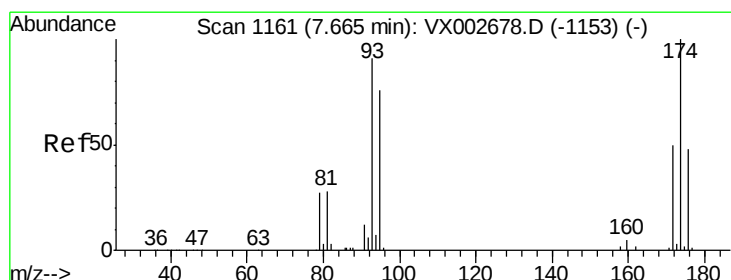
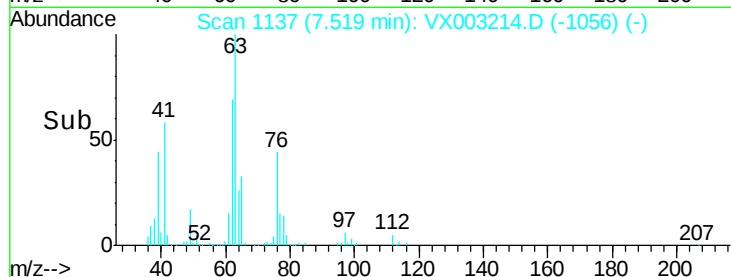
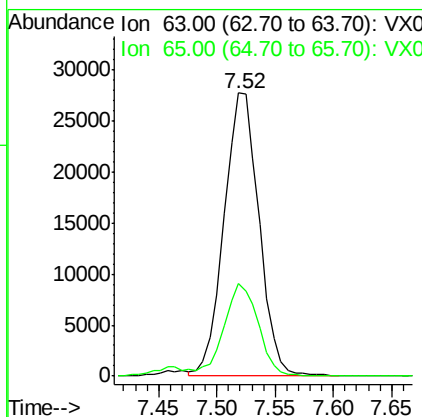
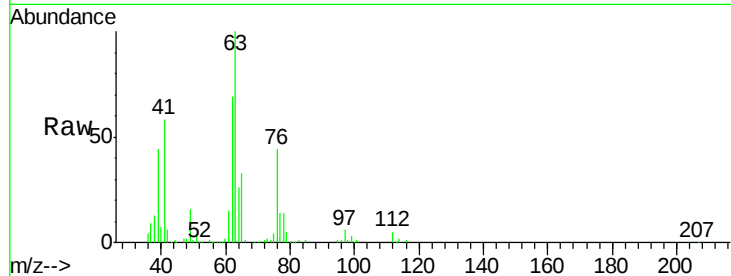
#39
 1,2-Dichloropropane
 Concen: 20.663 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion: 63 Resp: 58015
 Ion Ratio Lower Upper
 63 100
 65 32.7 23.3 34.9

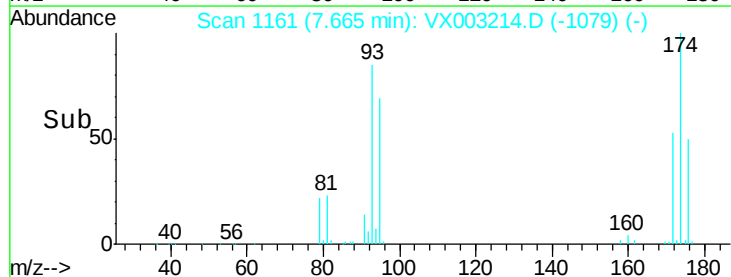
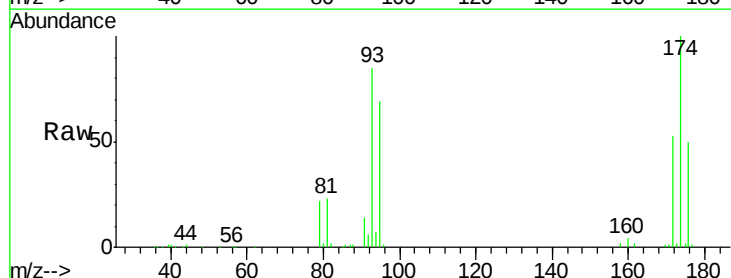
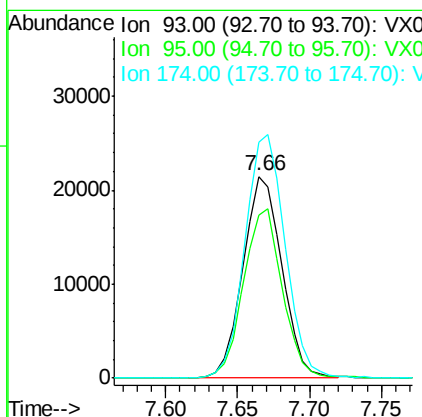
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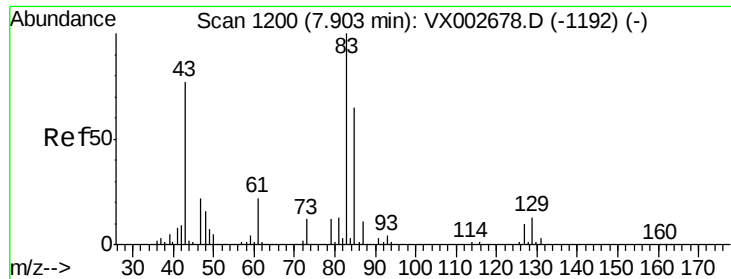
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#40
 Dibromomethane
 Concen: 20.677 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion: 93 Resp: 40334
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 162.6
 174 123.9 0.0 229.4





#41

Bromodichloromethane

Concen: 20.239 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

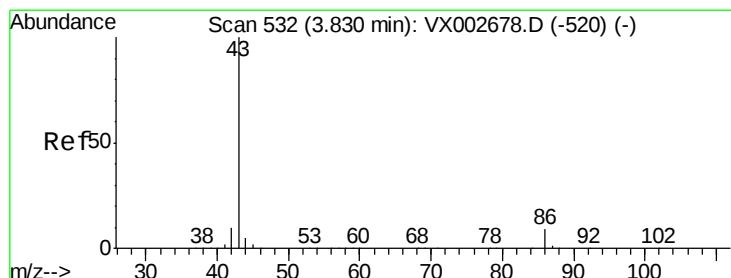
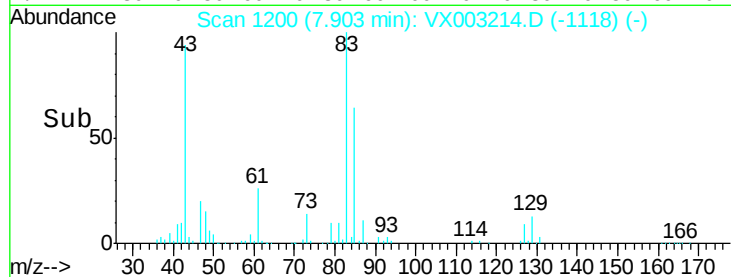
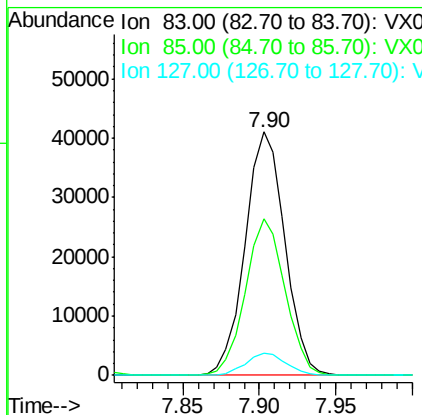
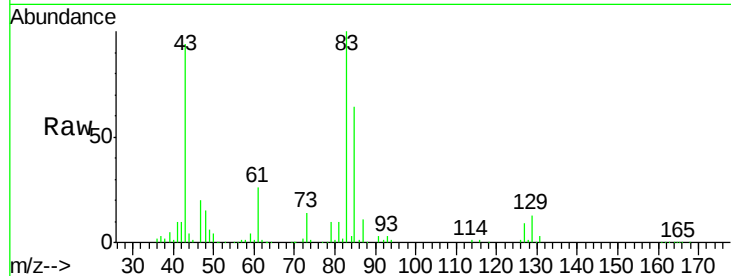
ClientSampleId :

VX0706WBSD03

Tgt Ion:	83	Resp:	74161
Ion Ratio	Lower	Upper	
83	100		
85	64.1	49.8	74.8
127	9.1	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 91.798 ug/l

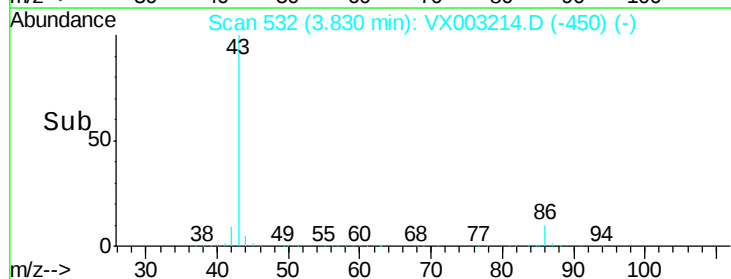
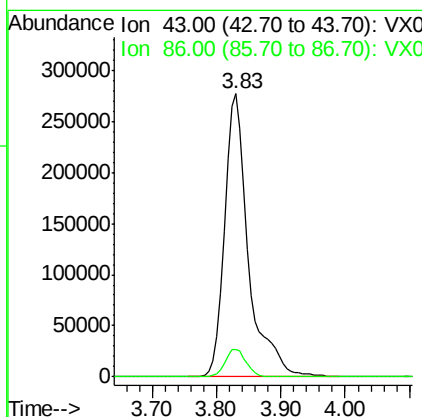
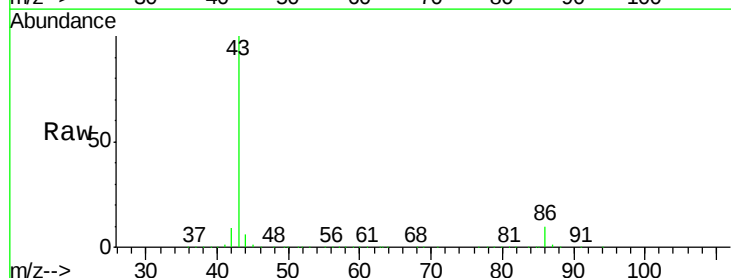
RT: 3.83 min Scan# 532

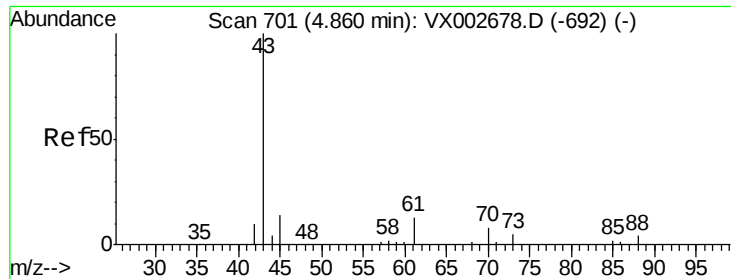
Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	43	Resp:	724057
Ion Ratio	Lower	Upper	
43	100		
86	8.7	6.7	10.1





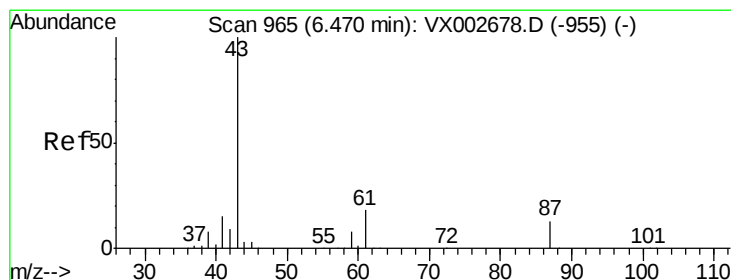
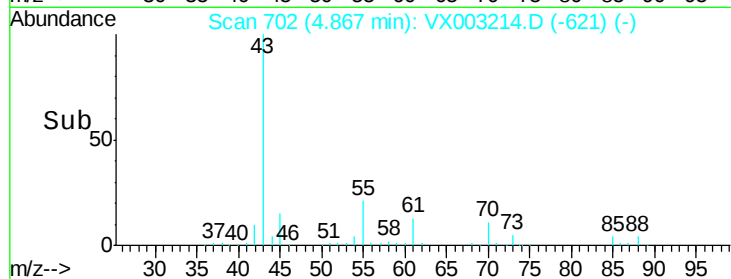
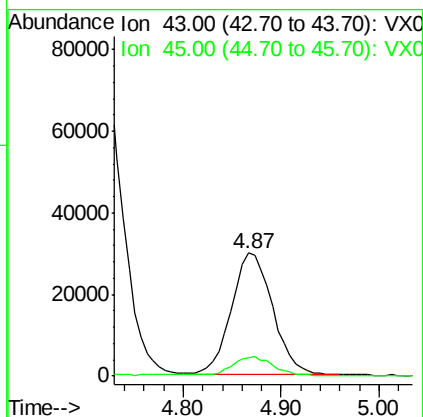
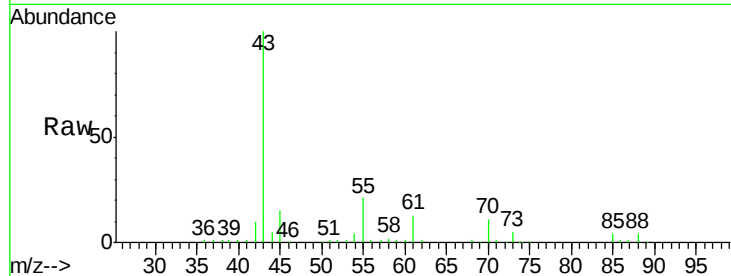
#43
Ethyl Acetate
Concen: 22.075 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion: 43 Resp: 87808
Ion Ratio Lower Upper
43 100
45 15.0 11.0 16.4

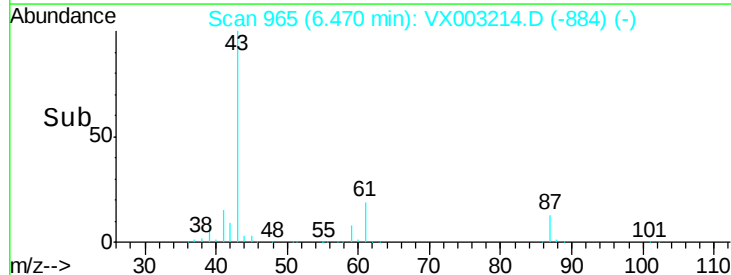
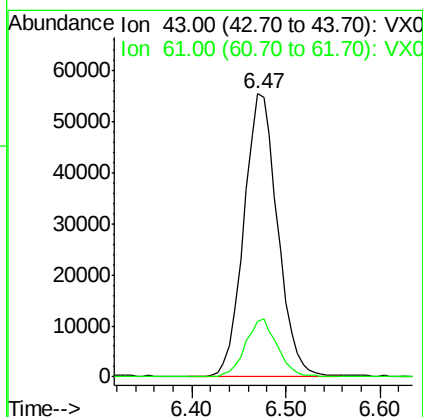
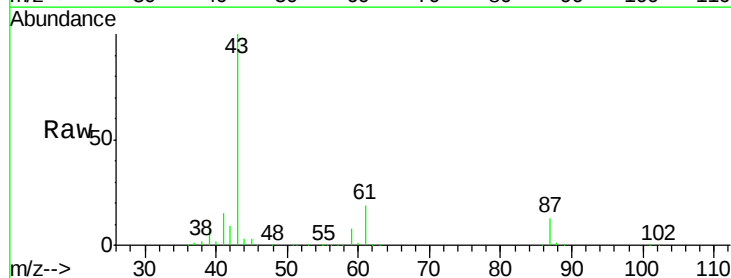
Manual Integrations
APPROVED

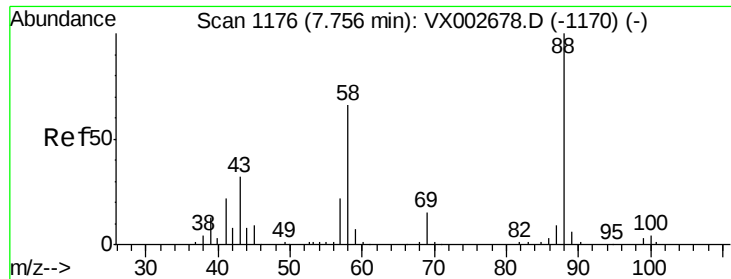
apatel
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#44
Isopropyl Acetate
Concen: 20.994 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion: 43 Resp: 139917
Ion Ratio Lower Upper
43 100
61 19.3 14.5 21.7





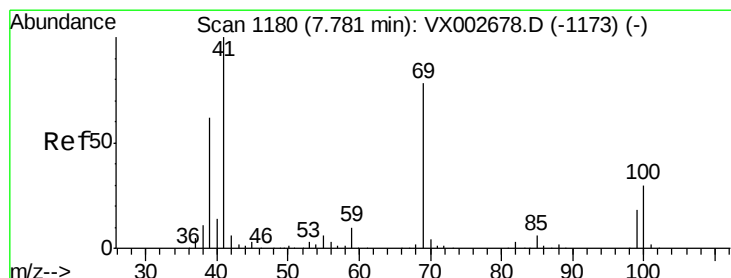
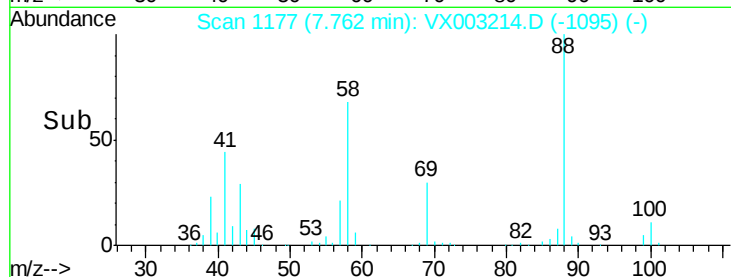
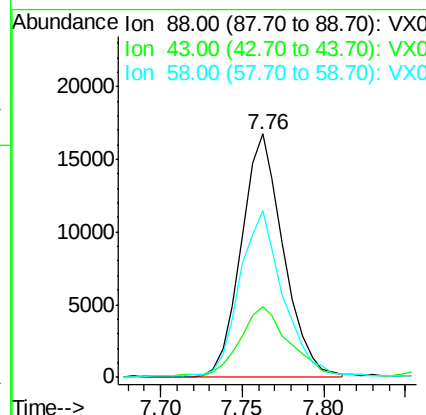
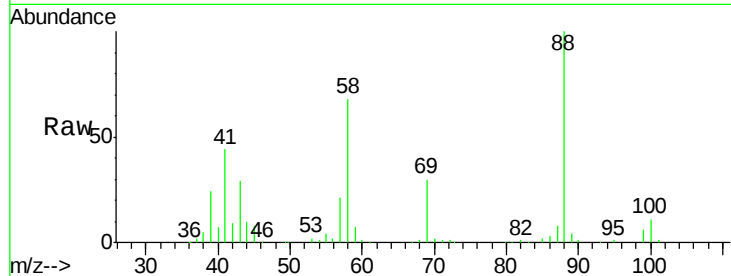
#45
1,4-Dioxane
Concen: 461.616 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.0	43.2	64.8#
58	70.3	60.2	90.2

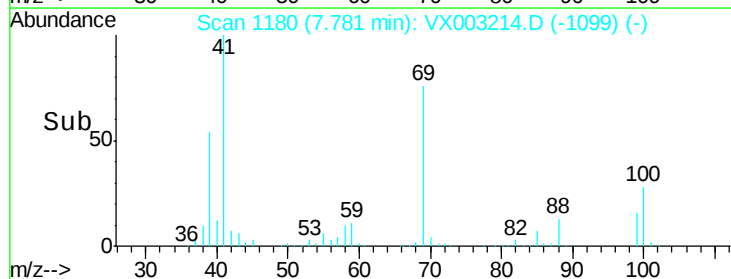
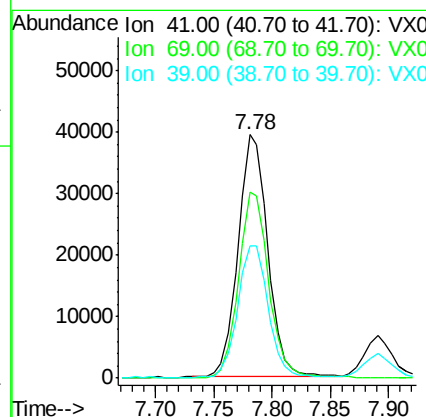
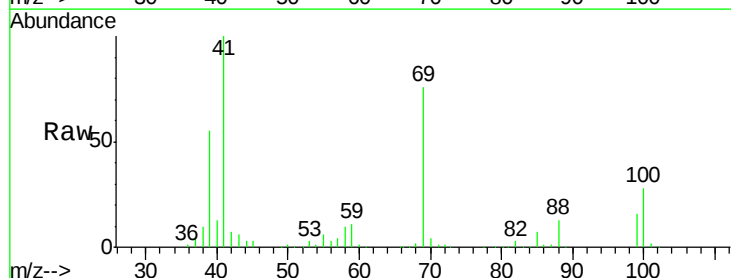
Manual Integrations
APPROVED

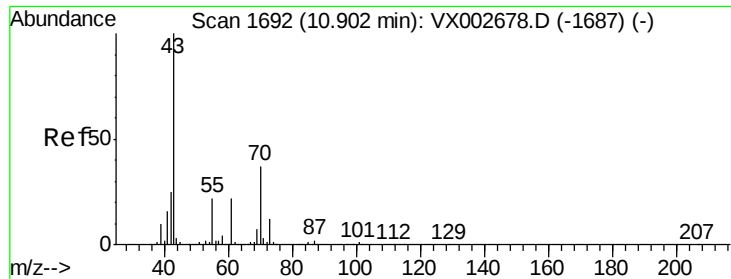
apatel
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#46
Methyl methacrylate
Concen: 20.580 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.6	37.0	110.9
39	54.4	29.6	88.9





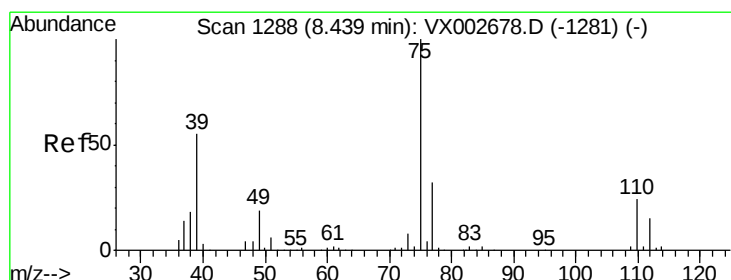
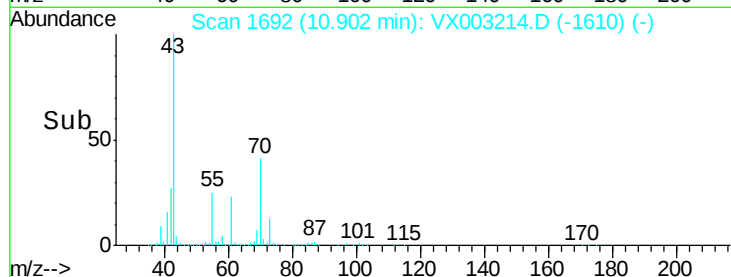
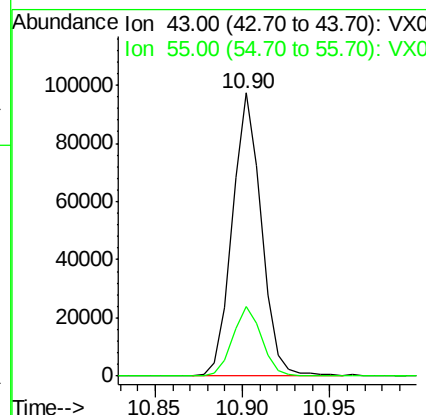
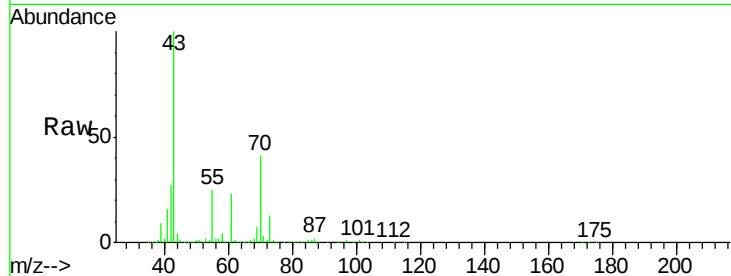
#47
n-amy1 Acetate
Concen: 17.776 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion: 43 Resp: 111789
Ion Ratio Lower Upper
43 100
55 24.8 0.1 0.1#

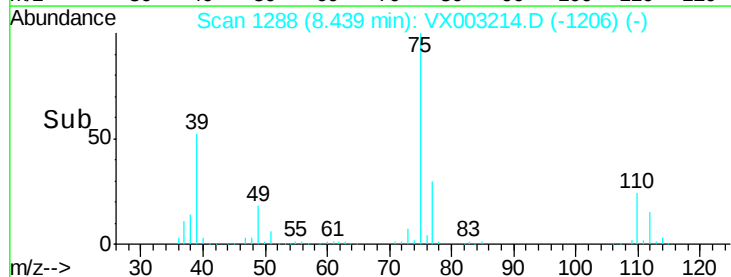
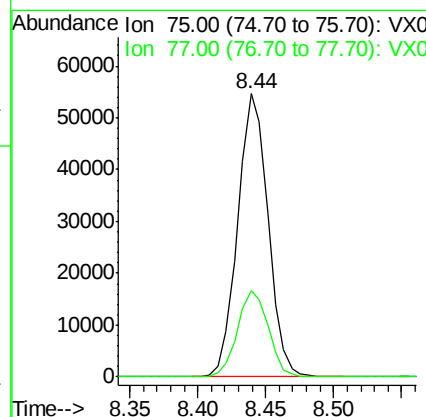
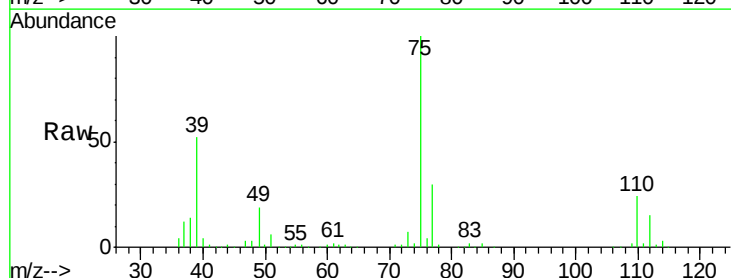
Manual Integrations
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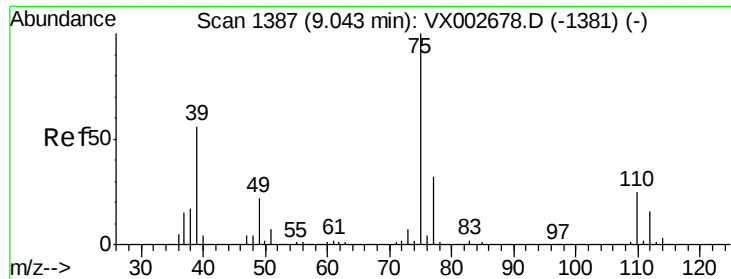
apatel
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#48
t-1,3-Dichloropropene
Concen: 19.805 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion: 75 Resp: 85195
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4





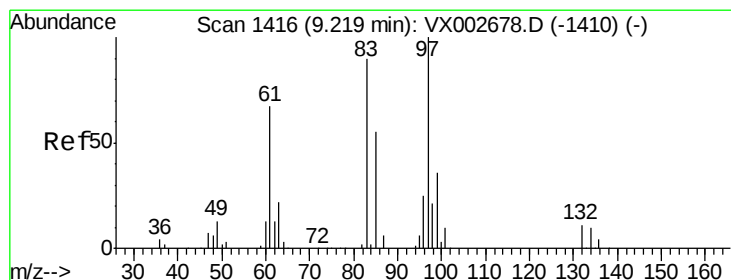
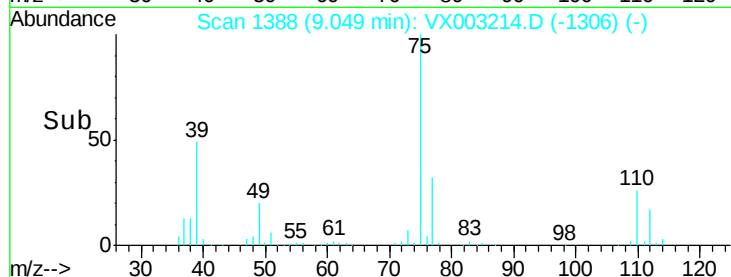
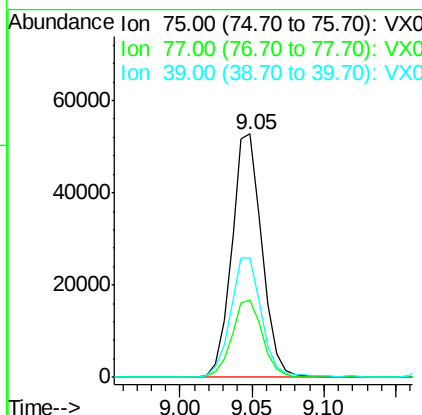
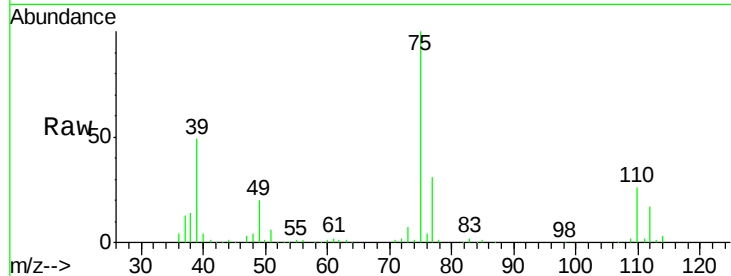
#49
 cis-1,3-Dichloropropene
 Concen: 19.174 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2
39	48.7	42.3	63.5

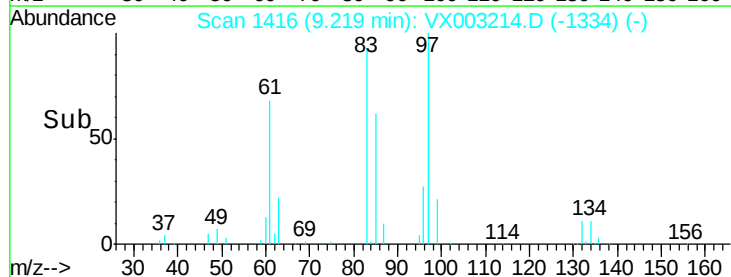
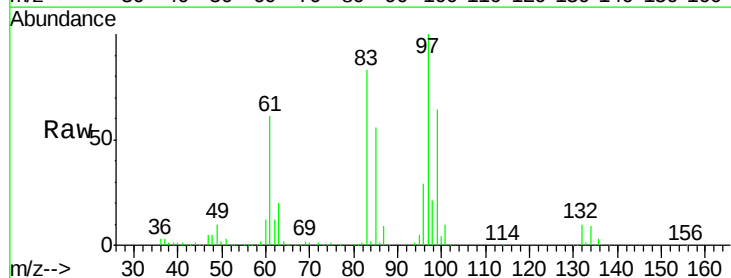
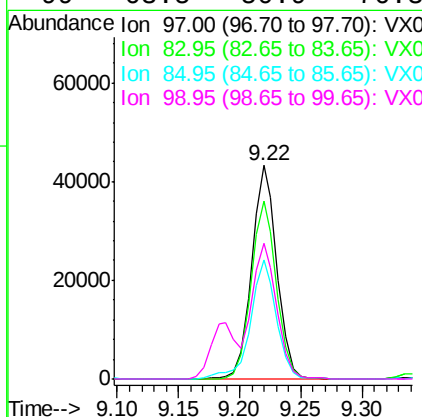
Manual Integrations
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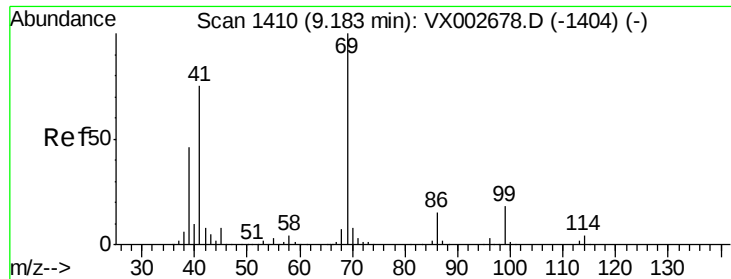
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#50
 1,1,2-Trichloroethane
 Concen: 21.579 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.8	106.2
85	55.5	43.5	65.3
99	63.5	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.918 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

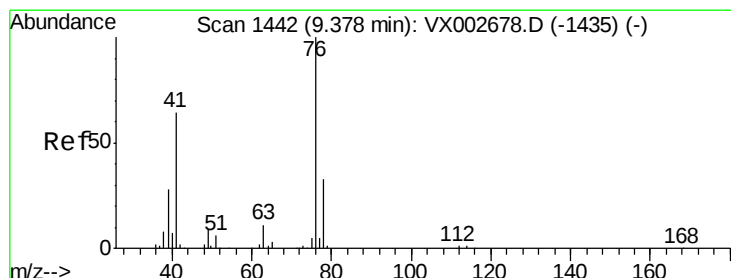
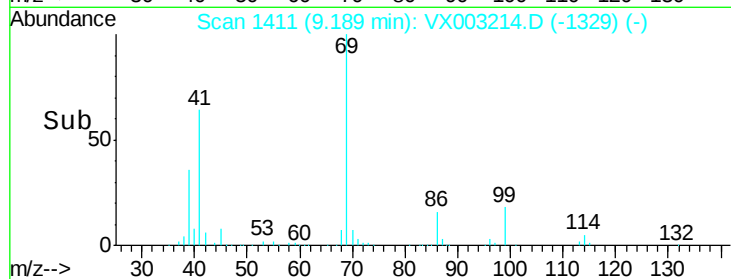
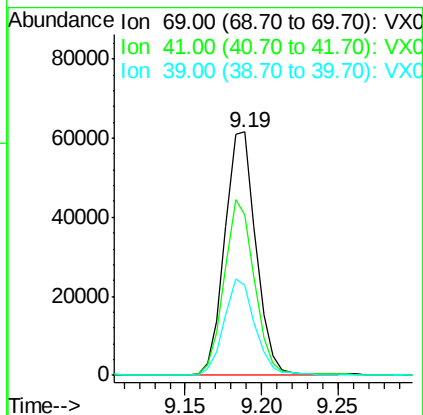
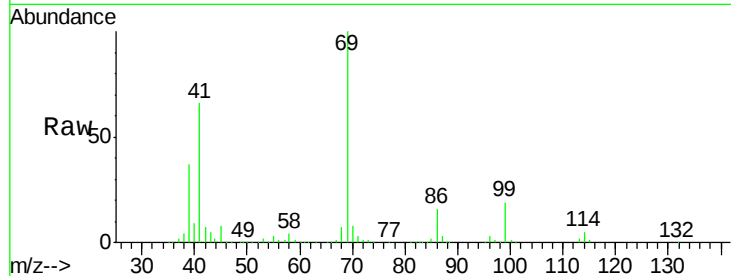
ClientSampleId :

VX0706WBSD03

Tgt Ion:	69	Resp:	86512
Ion Ratio	Lower	Upper	
69	100		
41	65.7	39.1	117.3
39	36.8	21.7	65.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.802 ug/l

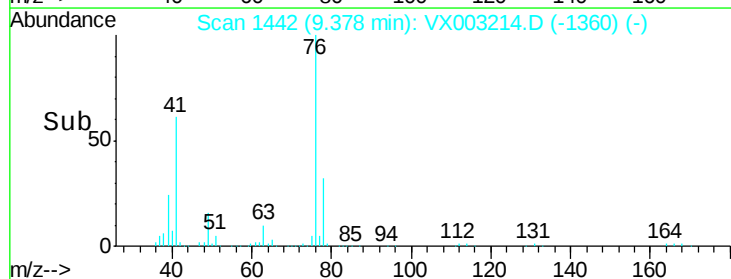
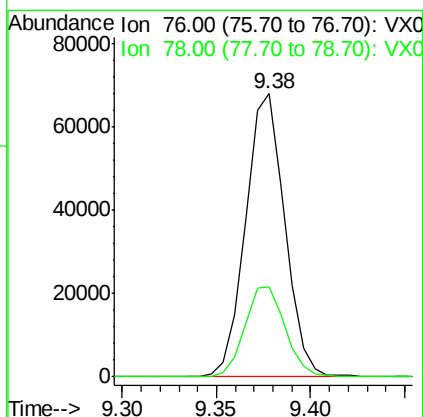
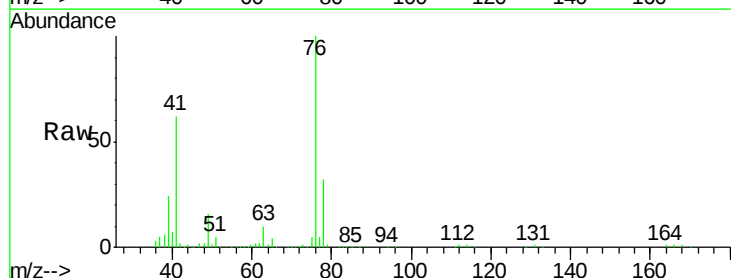
RT: 9.38 min Scan# 1442

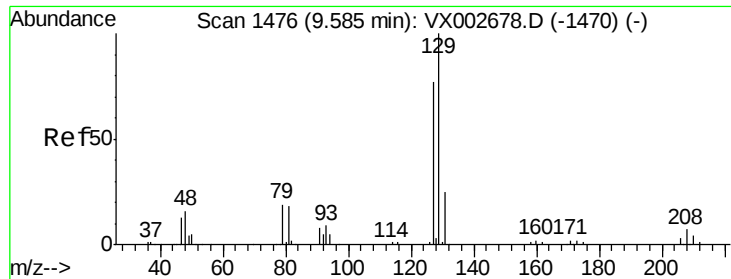
Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	76	Resp:	97763
Ion Ratio	Lower	Upper	
76	100		
78	33.1	0.0	63.4





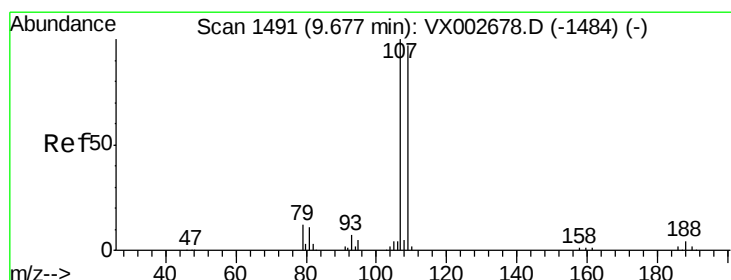
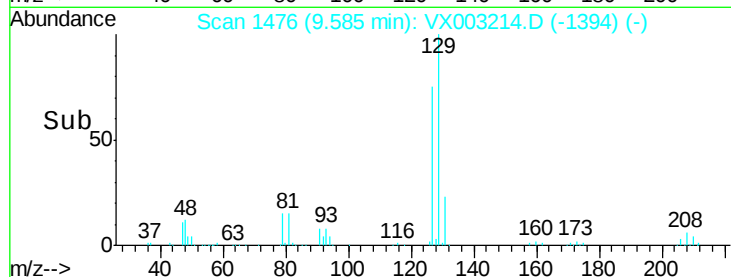
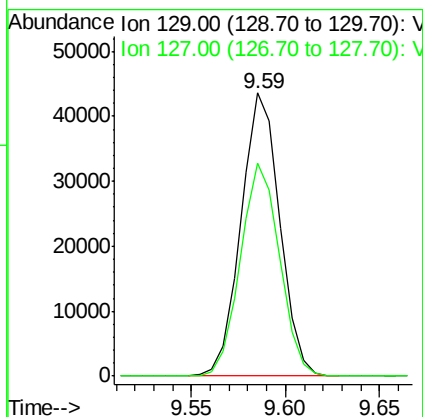
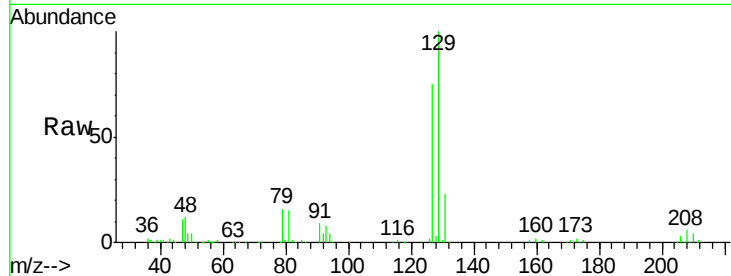
#53
Dibromochloromethane
Concen: 20.355 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion:129 Resp: 62175
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3

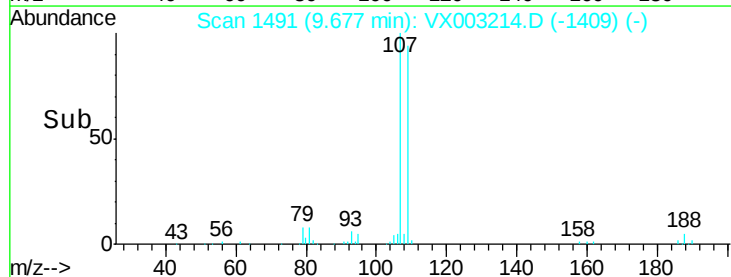
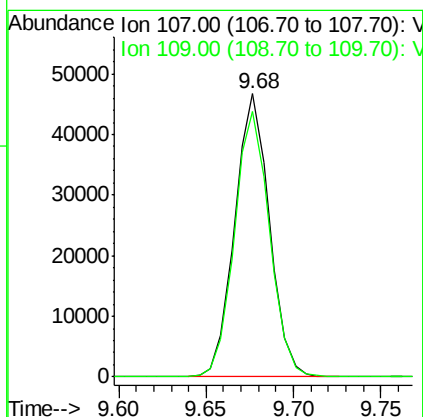
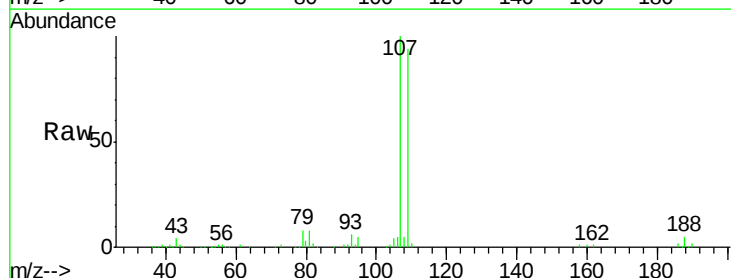
Manual Integrations
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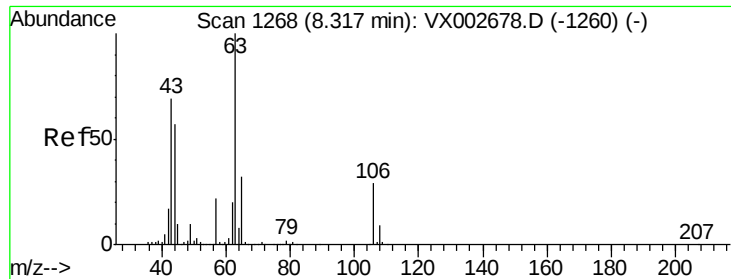
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#54
1,2-Dibromoethane
Concen: 21.246 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion:107 Resp: 64422
Ion Ratio Lower Upper
107 100
109 95.0 75.5 113.3





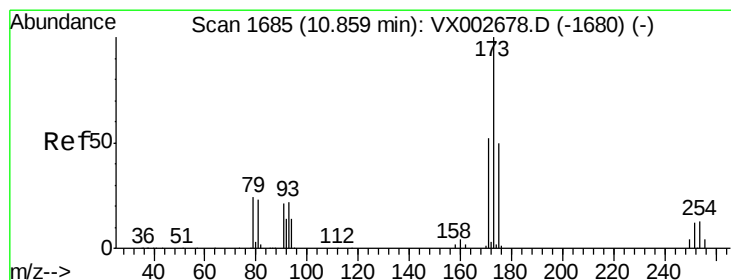
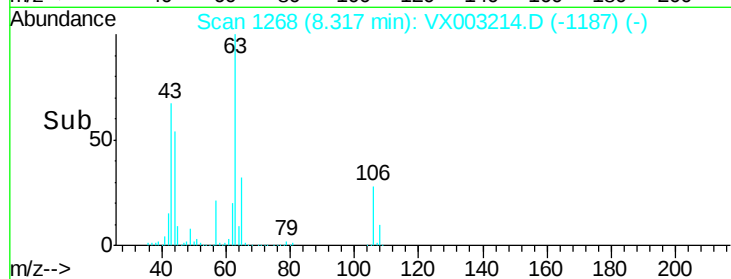
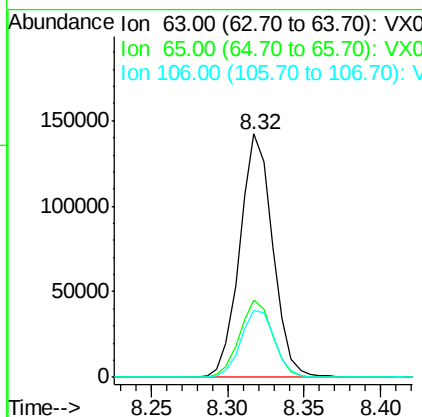
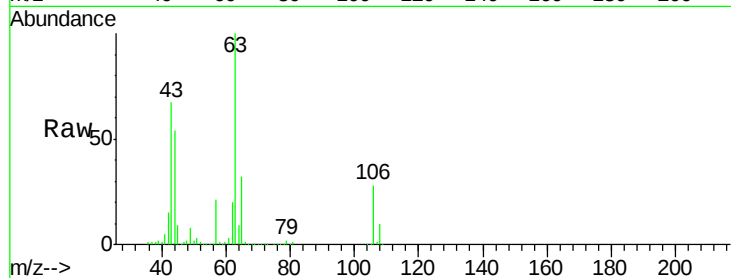
#55
 2-Chloroethyl vinyl ether
 Concen: 103.012 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.6	38.4
106	28.6	21.6	32.4

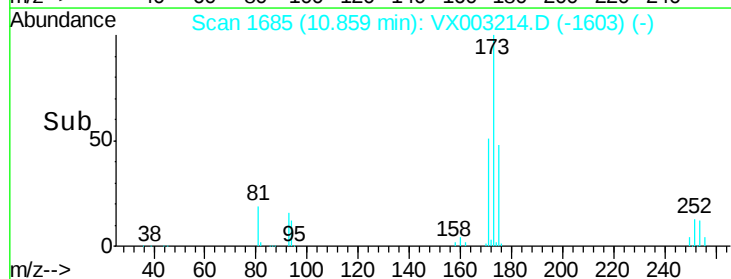
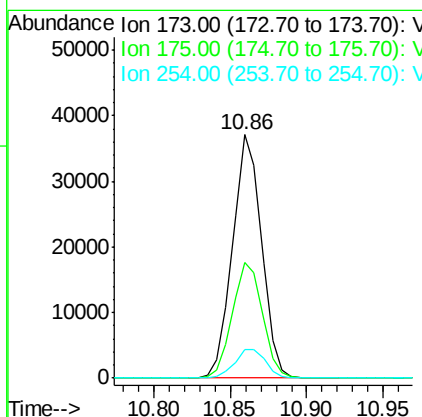
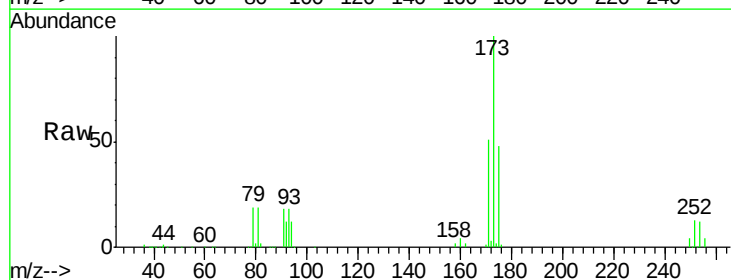
Manual Integrations
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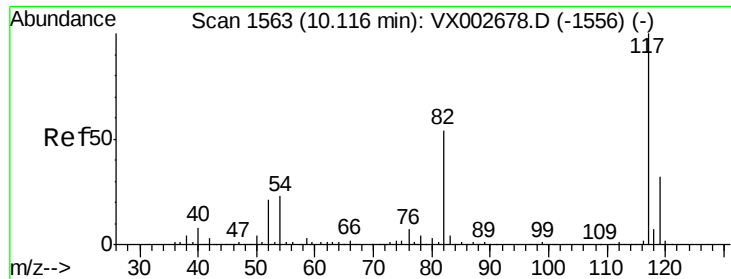
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#56
 Bromoform
 Concen: 20.012 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.0	58.4
254	12.8	9.6	14.4





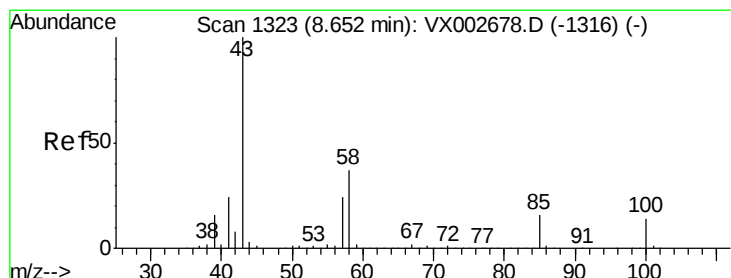
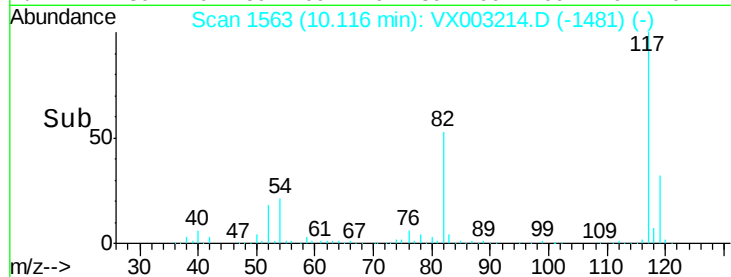
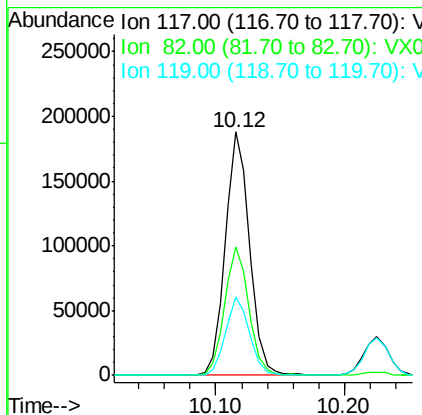
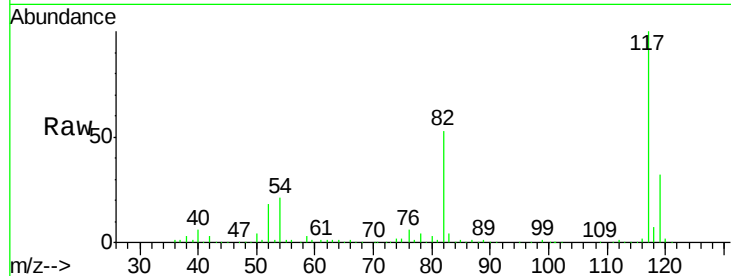
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	44.3	66.5
119	31.9	25.7	38.5

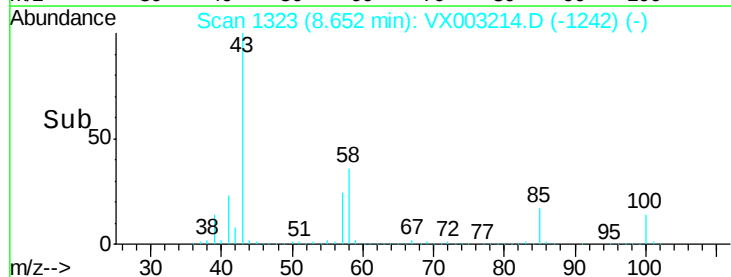
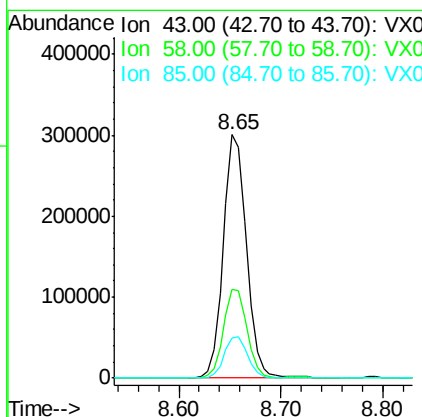
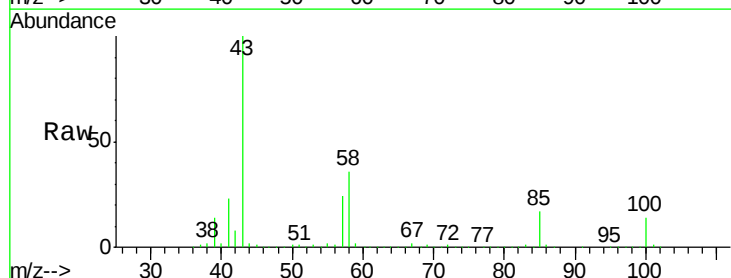
Manual Integrations
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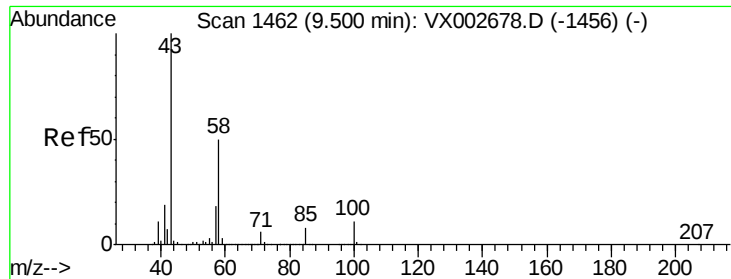
apatel
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#58
4-Methyl-2-Pentanone
Concen: 111.545 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.0	28.2	42.4
85	17.3	12.4	18.6





#59

2-Hexanone

Concen: 111.149 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

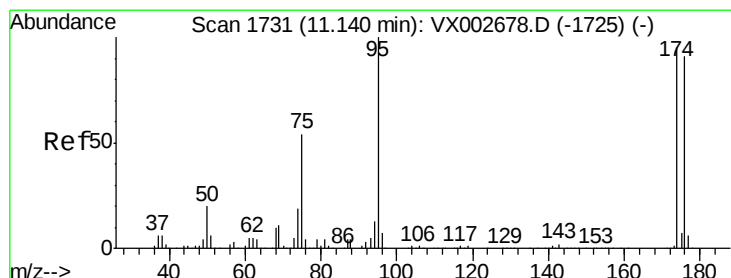
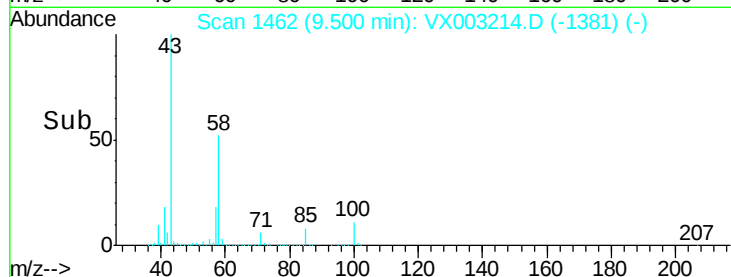
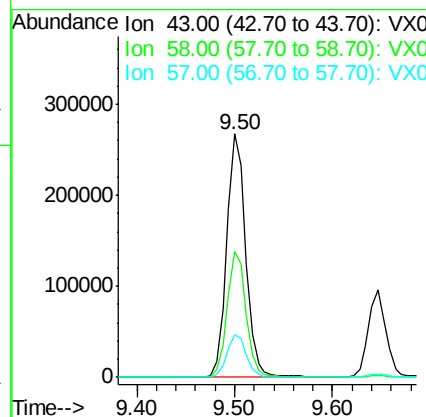
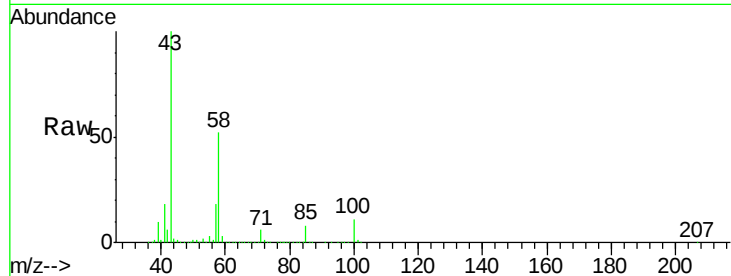
ClientSampled :

VX0706WBSD03

Tgt Ion:	43	Resp:	361495
Ion Ratio		Lower	Upper
43	100		
58	51.1	39.6	59.4
57	18.0	14.1	21.1

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#60

4-Bromofluorobenzene

Concen: 29.645 ug/l

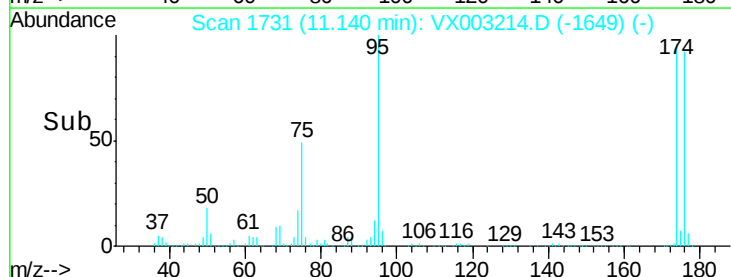
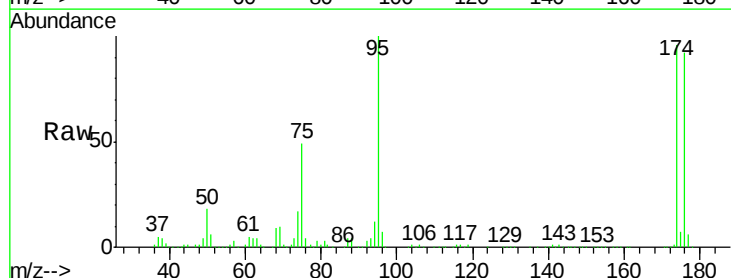
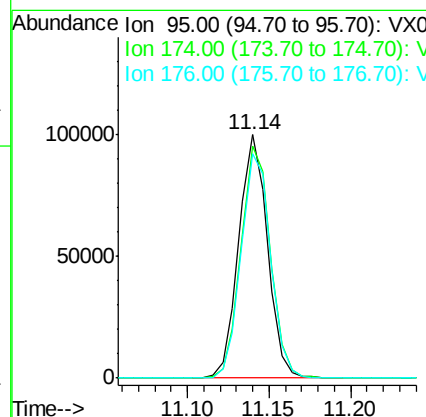
RT: 11.14 min Scan# 1731

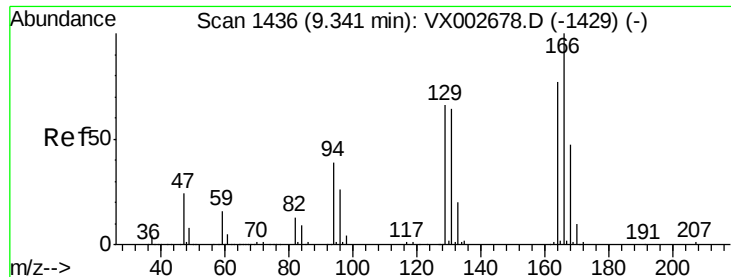
Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	95	Resp:	122689
Ion Ratio		Lower	Upper
95	100		
174	98.0	71.8	107.6
176	94.8	70.1	105.1





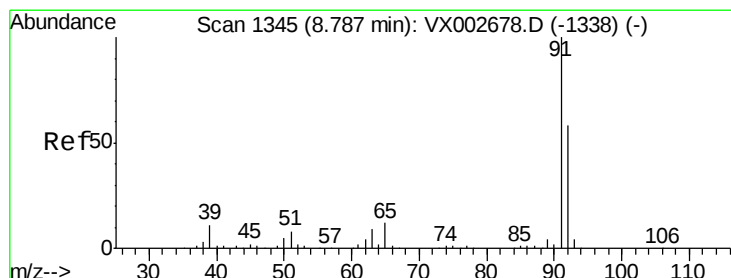
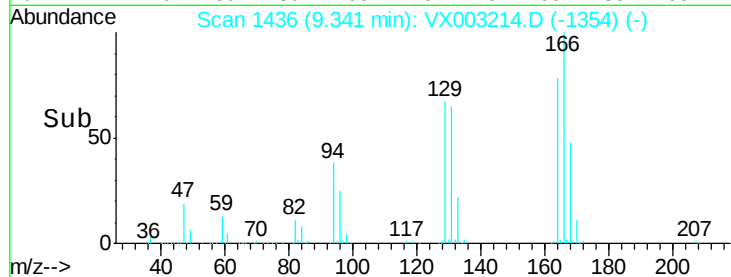
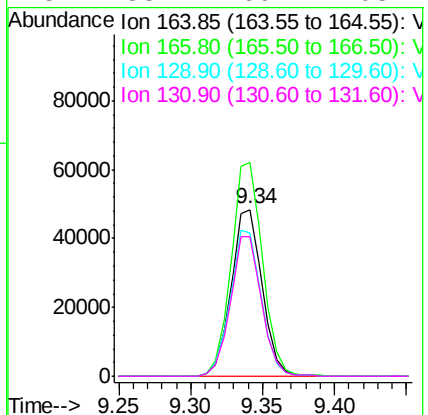
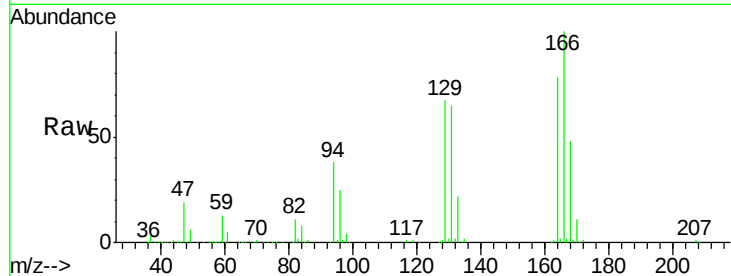
#61
Tetrachloroethene
Concen: 21.210 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion:	164	Resp:	72943
Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.4	153.6
129	86.0	70.1	105.1
131	83.7	69.1	103.7

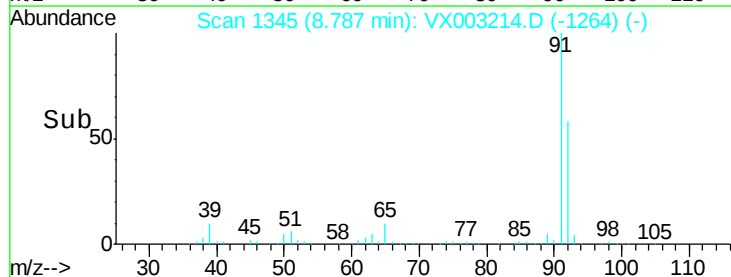
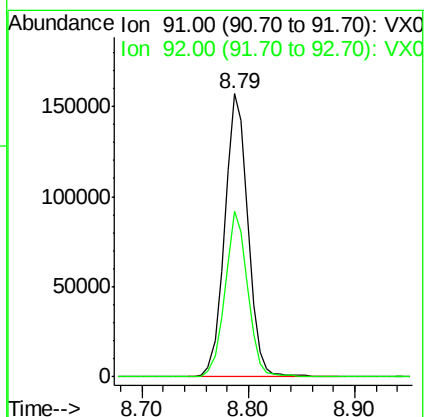
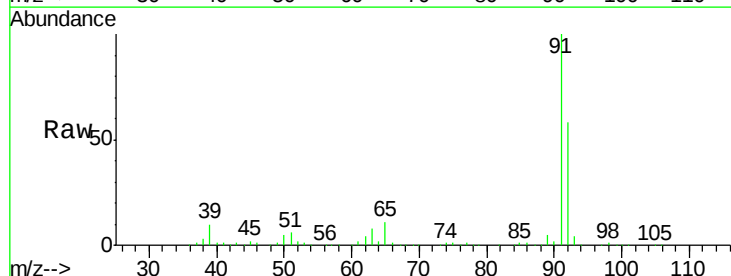
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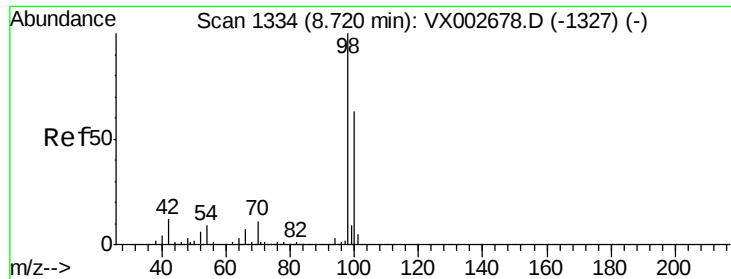
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#62
Toluene
Concen: 19.904 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion:	91	Resp:	240410
Ion	Ratio	Lower	Upper
91	100		
92	56.9	46.5	69.7





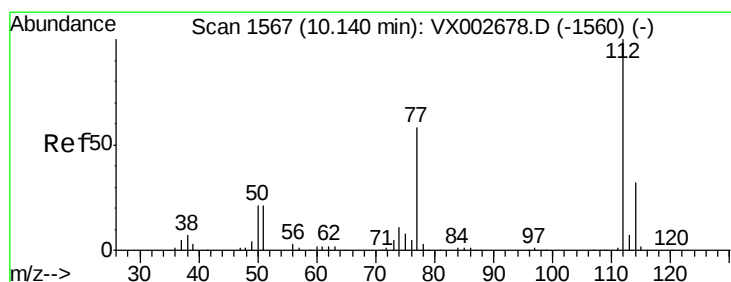
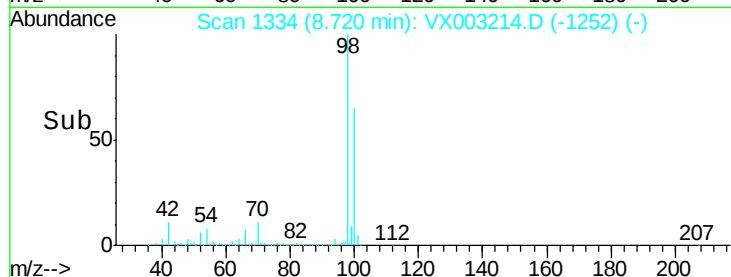
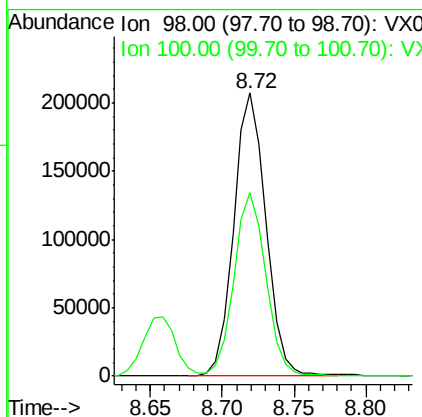
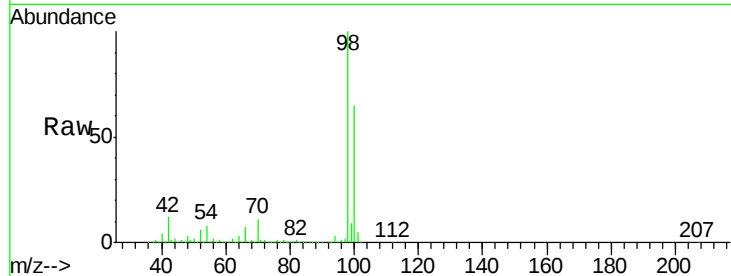
#63
Toluene-d8
Concen: 29.406 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion: 98 Resp: 321885
Ion Ratio Lower Upper
98 100
100 64.7 50.8 76.2

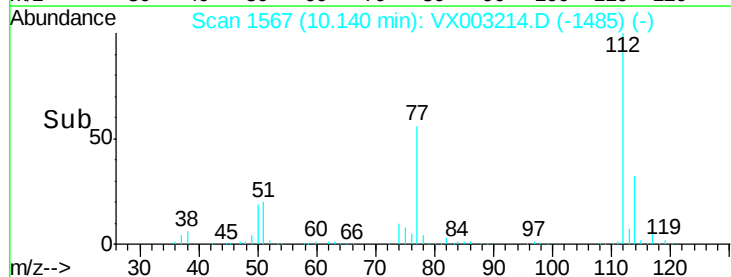
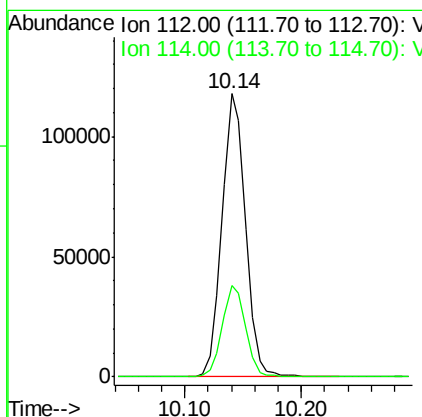
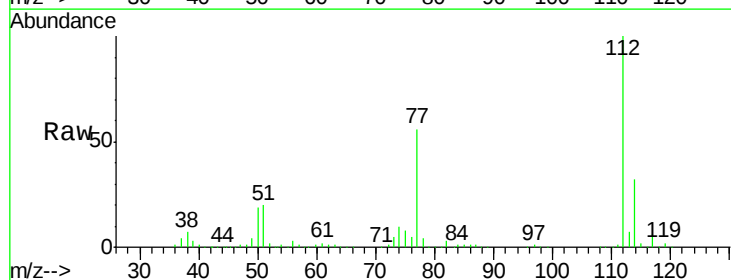
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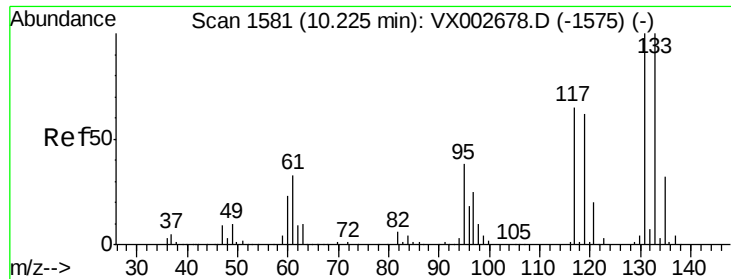
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#64
Chlorobenzene
Concen: 20.469 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion: 112 Resp: 164263
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4





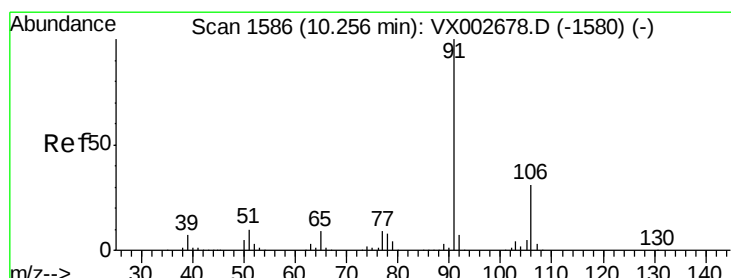
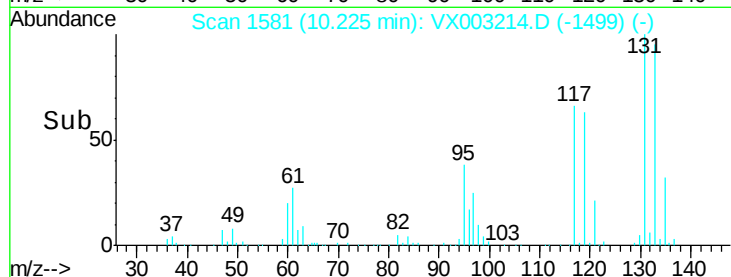
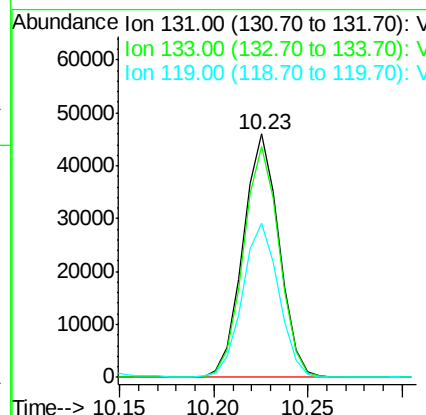
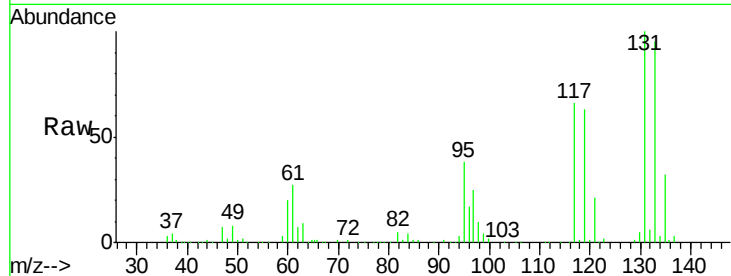
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.796 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion: 131 Resp: 61172
 Ion Ratio Lower Upper
 131 100
 133 94.5 0.0 191.2
 119 63.8 0.0 125.4

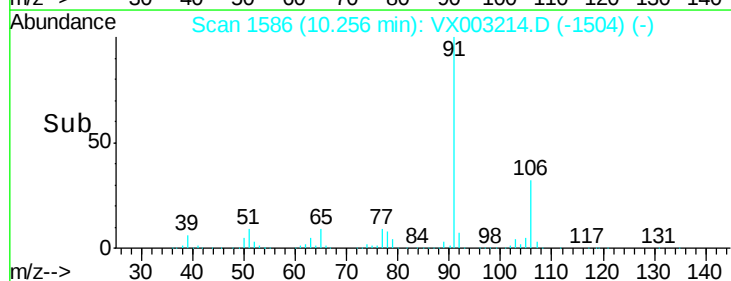
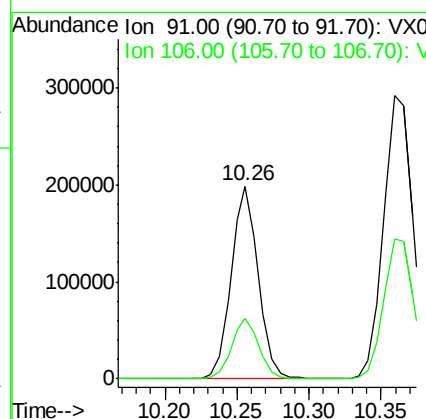
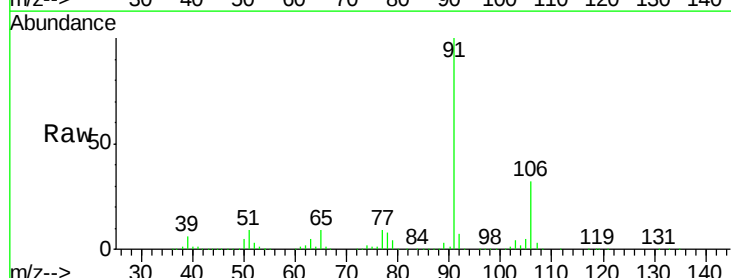
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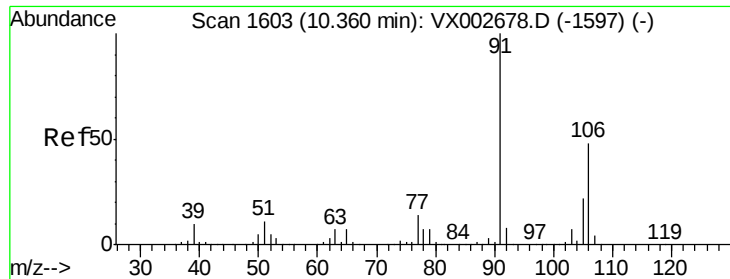
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#66
 Ethyl Benzene
 Concen: 19.225 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion: 91 Resp: 261521
 Ion Ratio Lower Upper
 91 100
 106 31.6 25.2 37.8





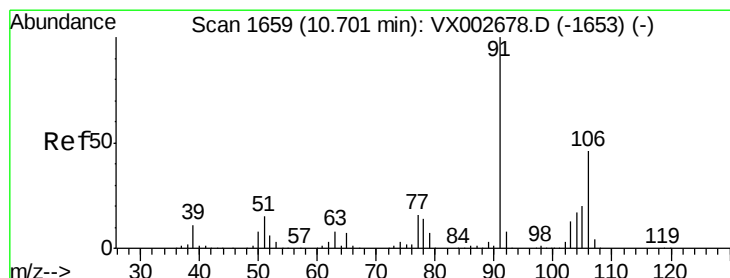
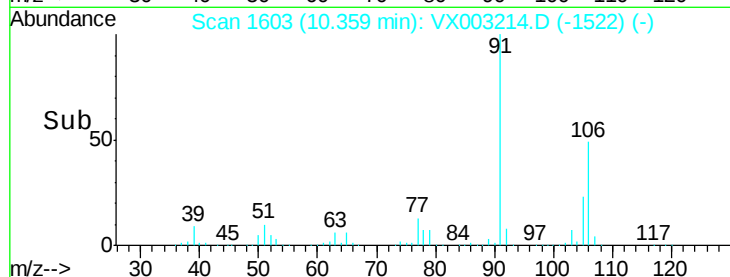
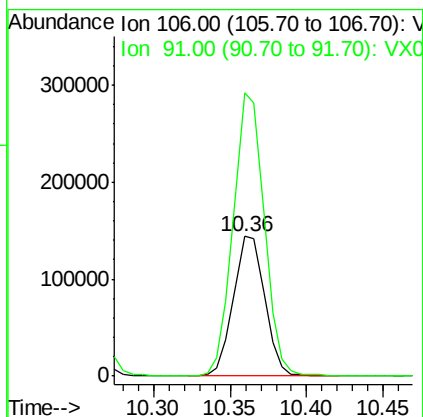
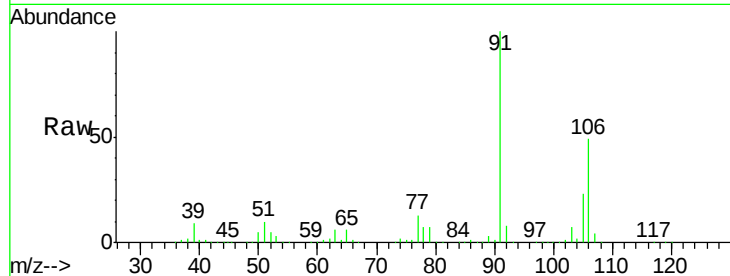
#67
m/p-Xylenes
Concen: 38.881 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion:106 Resp: 205537
Ion Ratio Lower Upper
106 100
91 201.1 164.1 246.1

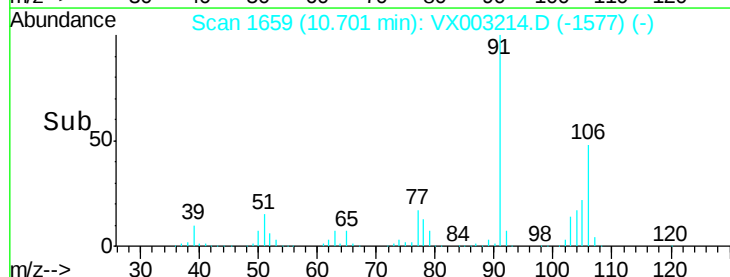
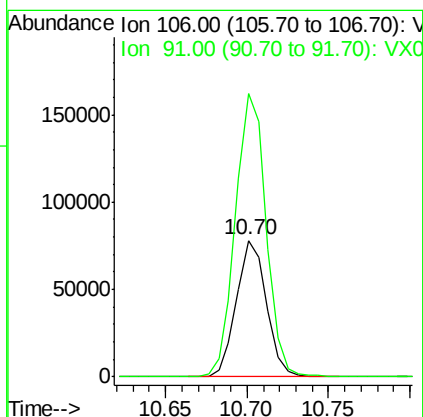
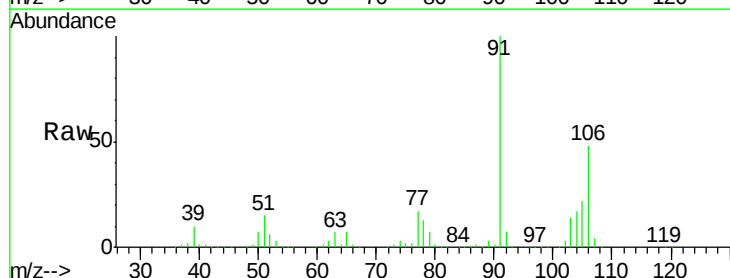
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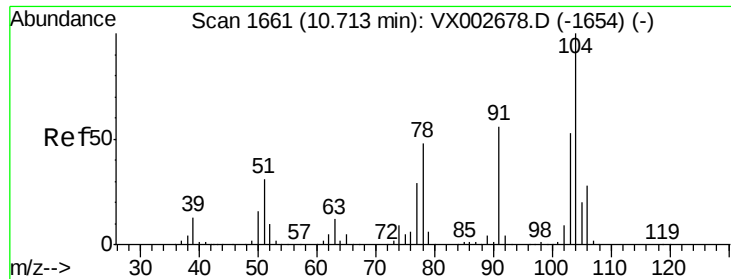
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#68
o-Xylene
Concen: 19.465 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion:106 Resp: 100252
Ion Ratio Lower Upper
106 100
91 212.4 109.1 327.3





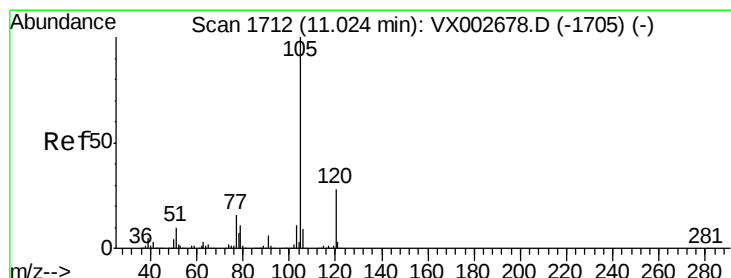
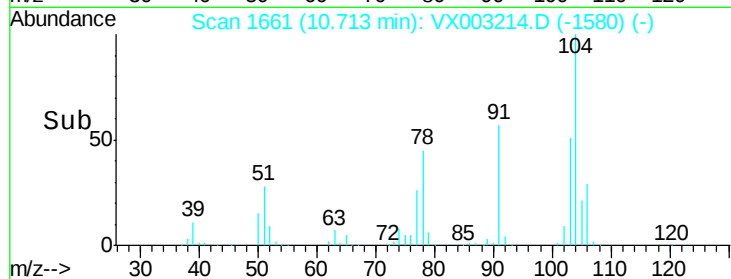
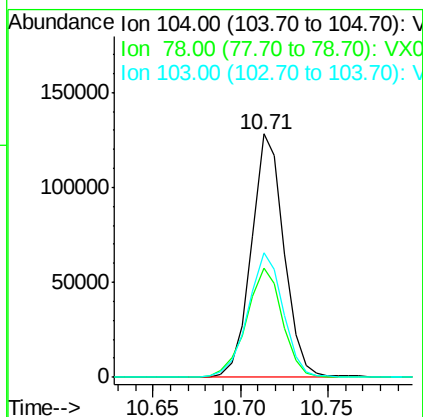
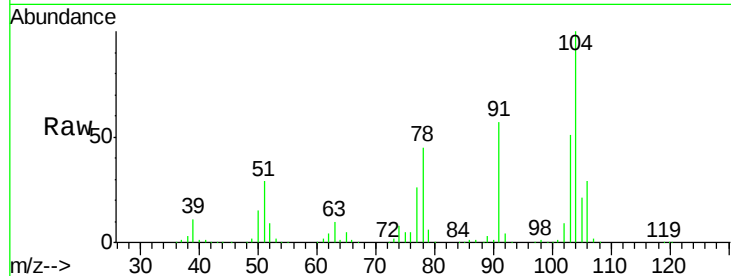
#69
Styrene
Concen: 19.307 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	41.8	62.8
103	56.0	44.9	67.3

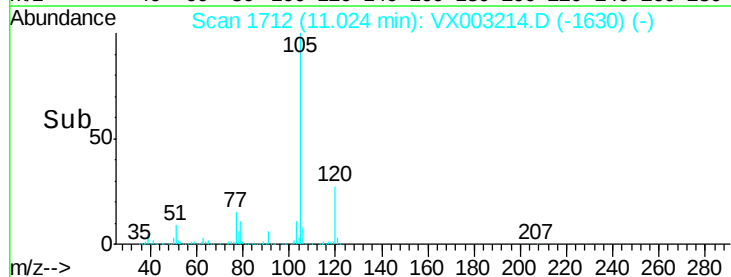
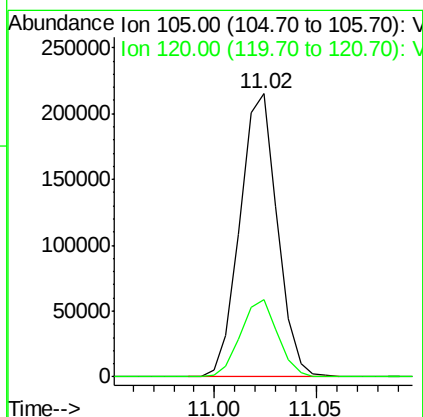
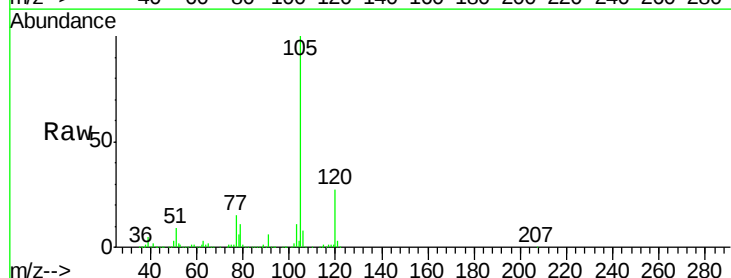
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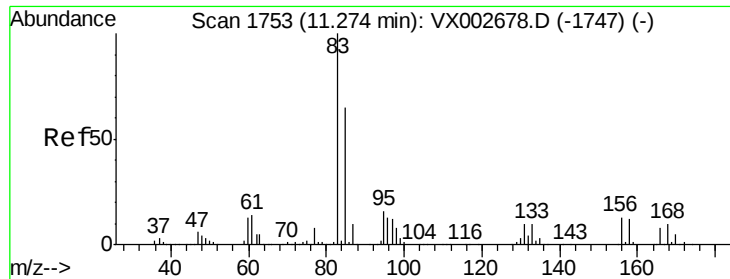
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#70
Isopropylbenzene
Concen: 19.297 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.0	35.2





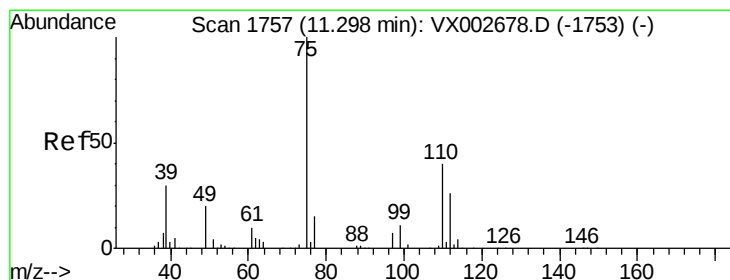
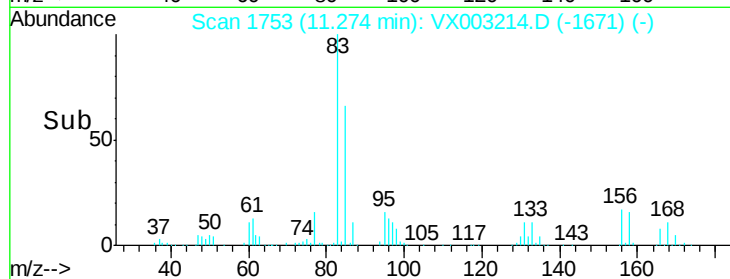
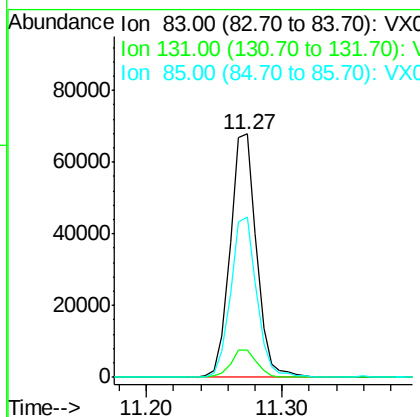
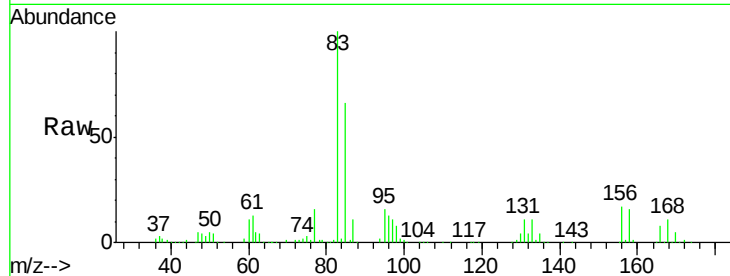
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.464 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.4	16.2
85	65.3	32.4	97.2

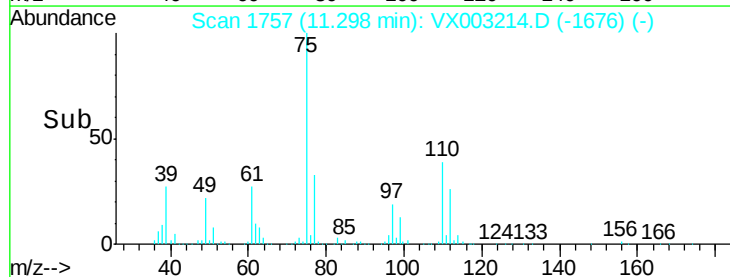
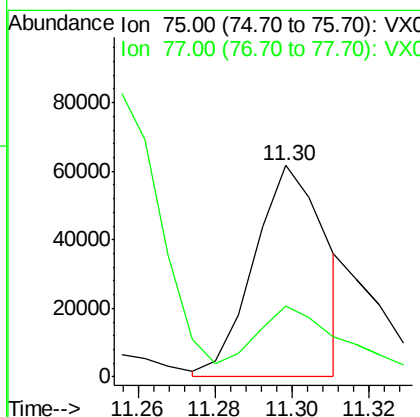
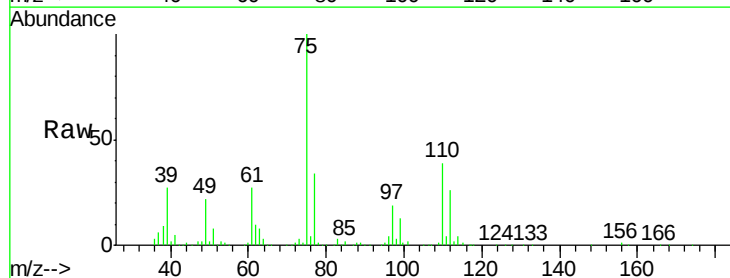
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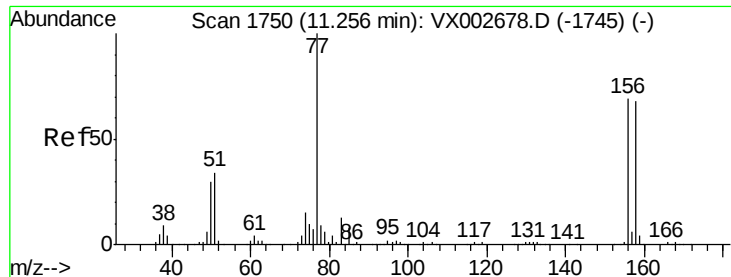
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#72
 1,2,3-Trichloropropane
 Concen: 21.498 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.1	0.0	71.8





#73

Bromobenzene

Concen: 19.815 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

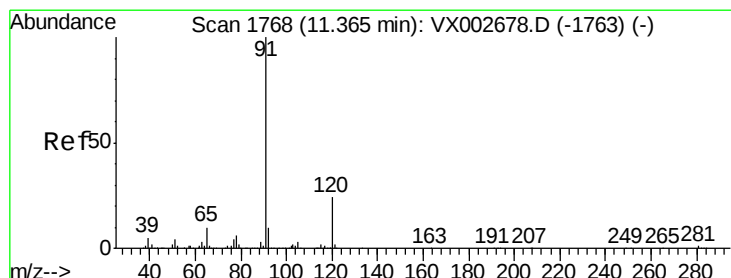
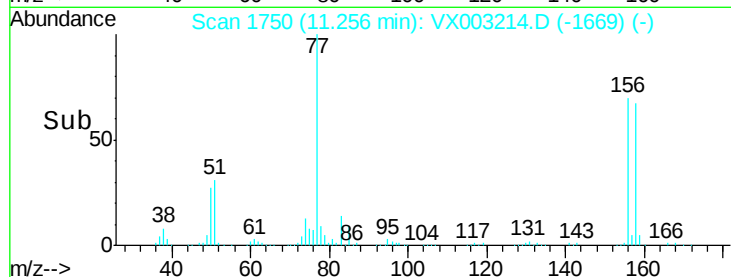
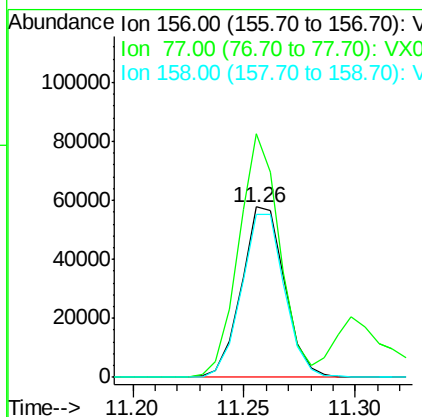
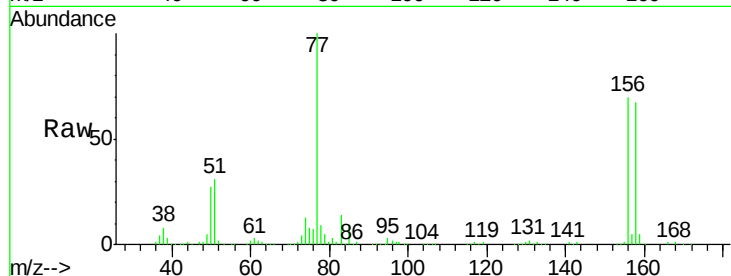
ClientSampleId :

VX0706WBSD03

Tgt Ion:	156	Resp:	78259
Ion Ratio	Lower	Upper	
156	100		
77	134.6	0.0	301.0
158	95.3	0.0	196.2

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#74

n-propylbenzene

Concen: 18.509 ug/l

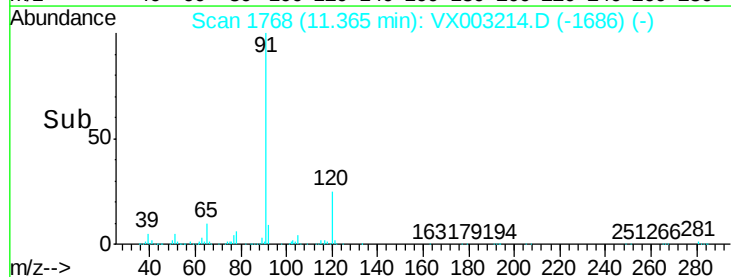
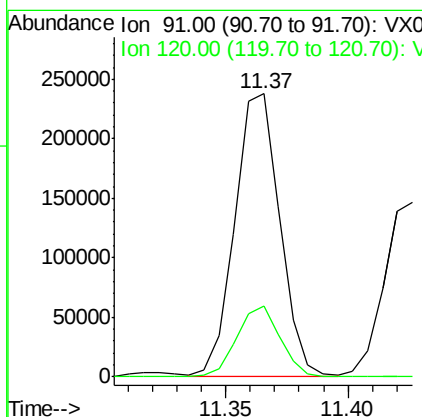
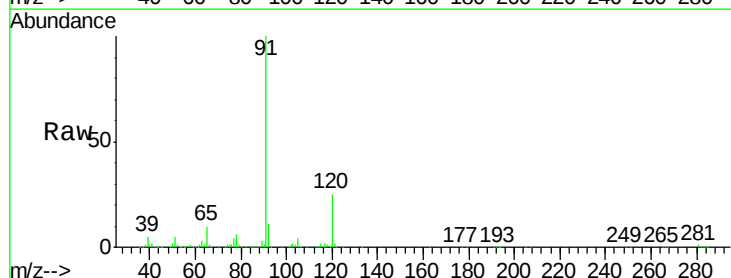
RT: 11.37 min Scan# 1768

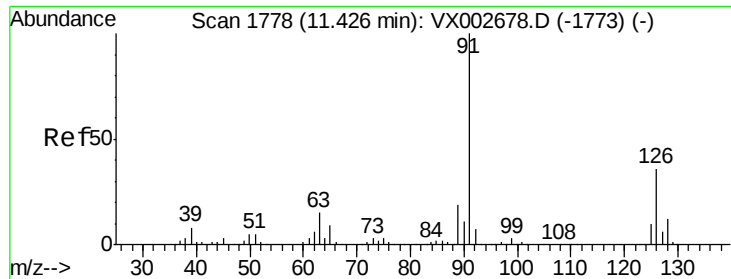
Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	91	Resp:	305135
Ion Ratio	Lower	Upper	
91	100		
120	24.1	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.476 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD03

Tgt Ion: 91 Resp: 186861

Ion Ratio Lower Upper

91 100

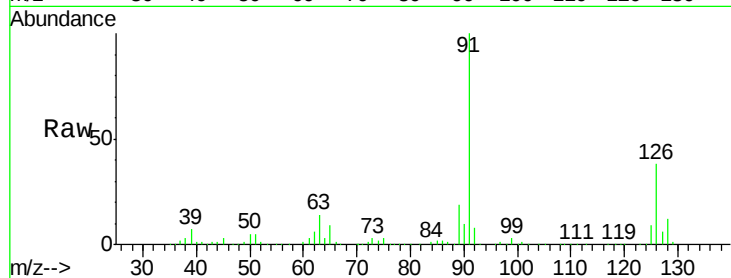
126 36.3 0.0 69.4

Manual Integrations

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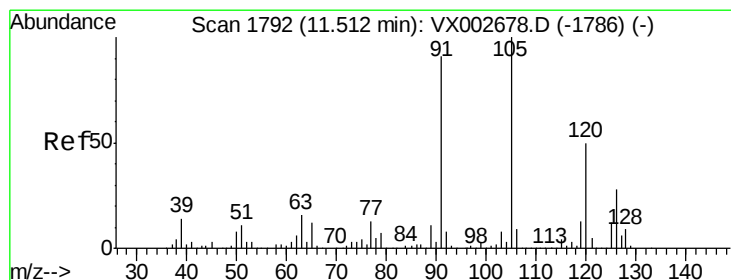
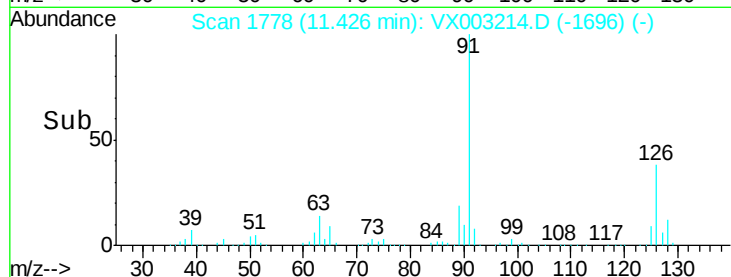
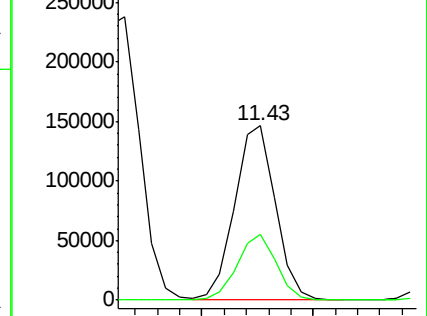
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.867 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003214.D

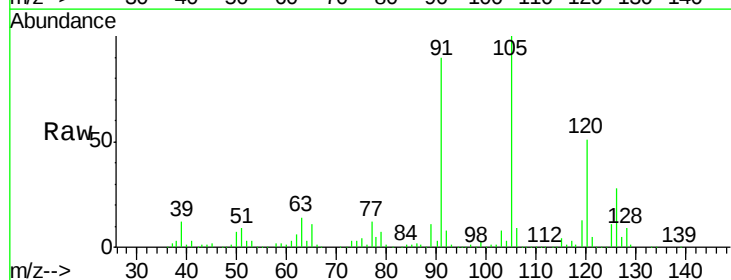
Acq: 06 Jul 2018 14:18

Tgt Ion: 105 Resp: 227517

Ion Ratio Lower Upper

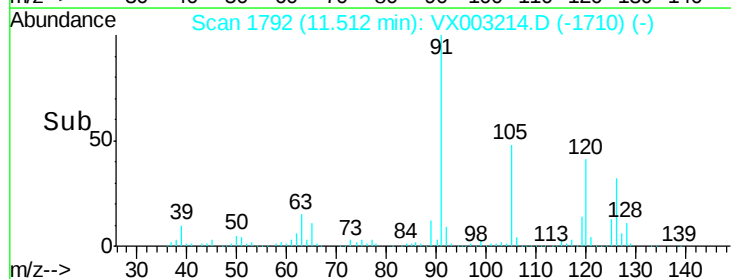
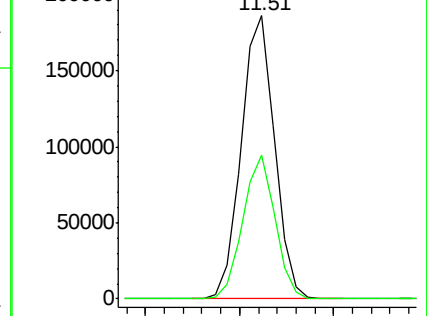
105 100

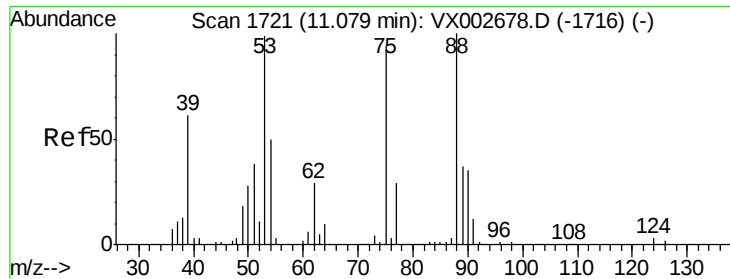
120 49.2 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.291 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

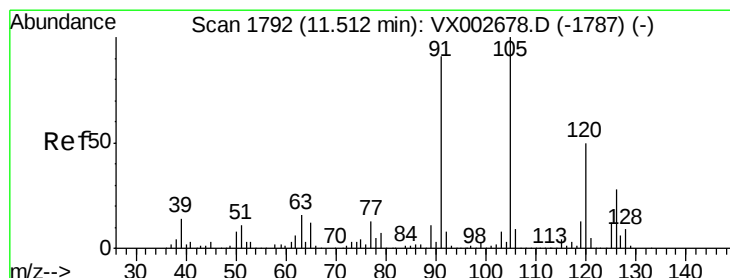
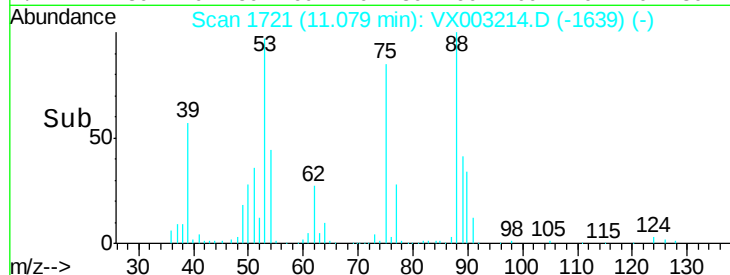
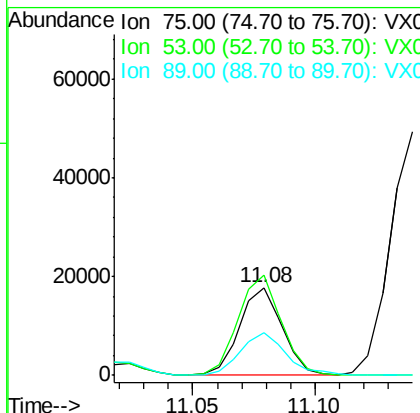
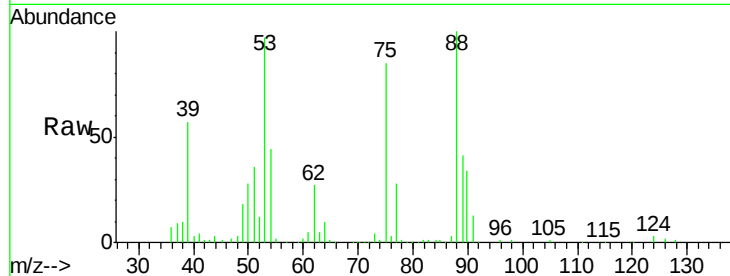
ClientSampleId :

VX0706WBSD03

Tgt Ion:	75	Resp:	21651
Ion Ratio	Lower	Upper	
75	100		
53	114.3	48.3	144.9
89	48.6	21.8	65.4

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#78

4-Chlorotoluene

Concen: 18.903 ug/l

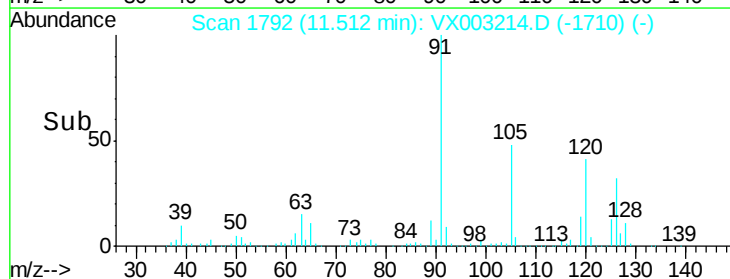
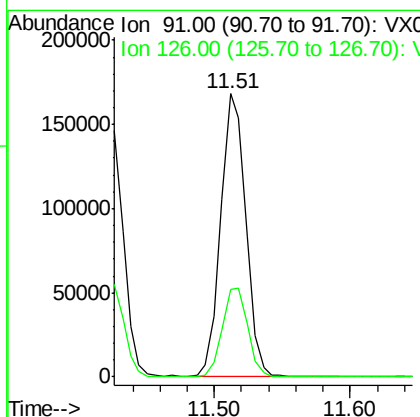
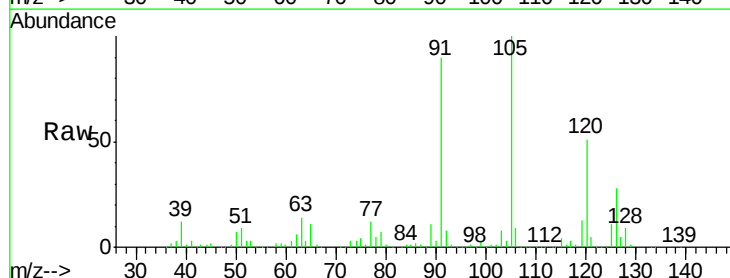
RT: 11.51 min Scan# 1792

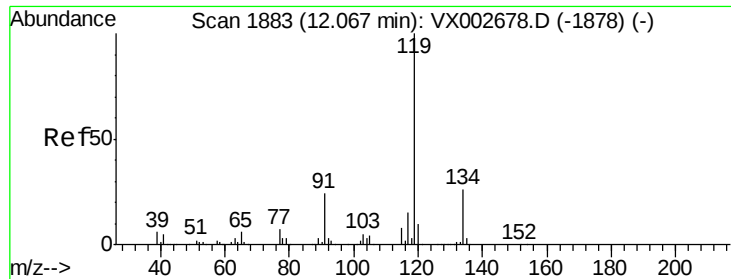
Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	91	Resp:	214858
Ion Ratio	Lower	Upper	
91	100		
126	31.9	0.0	61.0





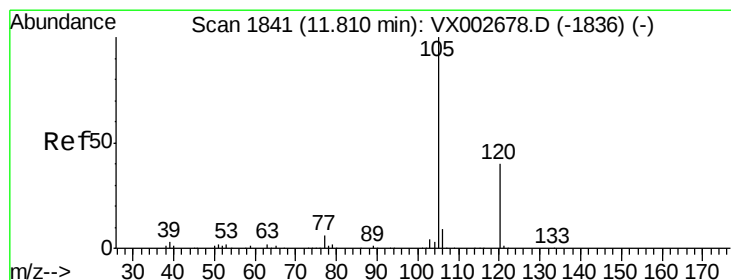
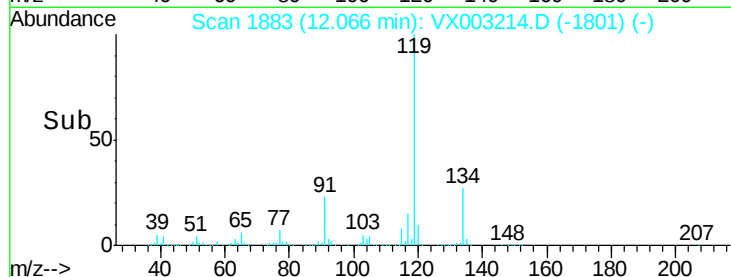
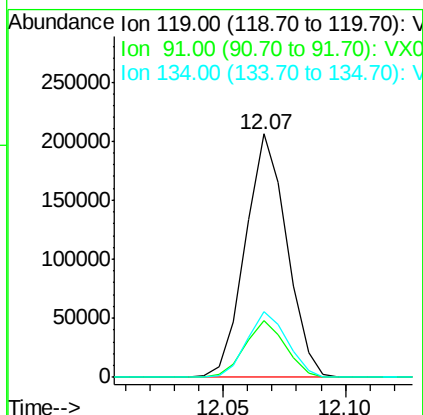
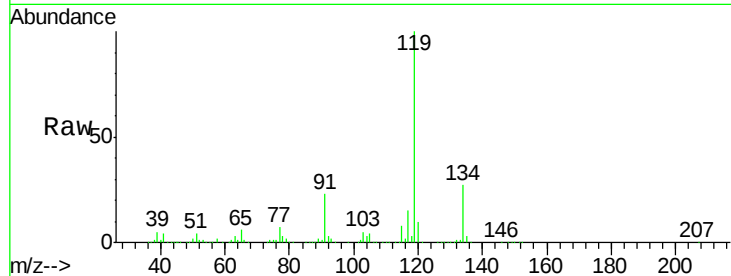
#79
tert-butylbenzene
Concen: 18.182 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	241821		
91	23.0	0.0	48.0	
134	26.8	0.0	52.6	

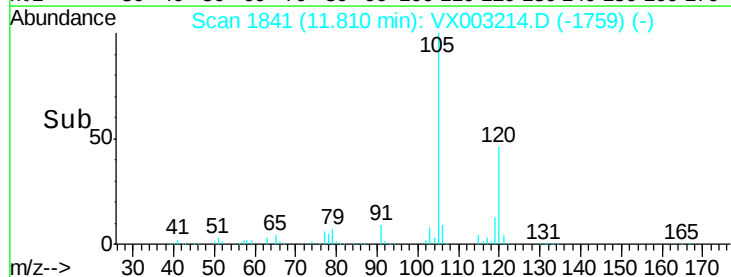
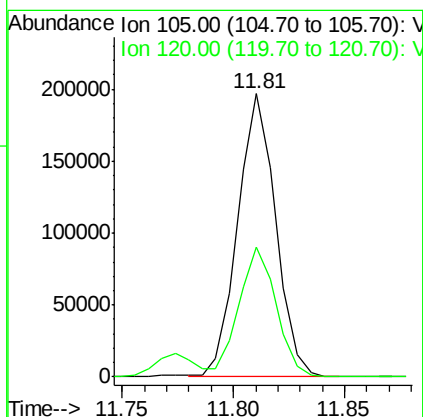
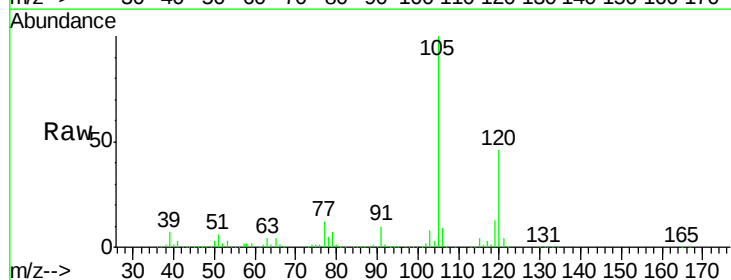
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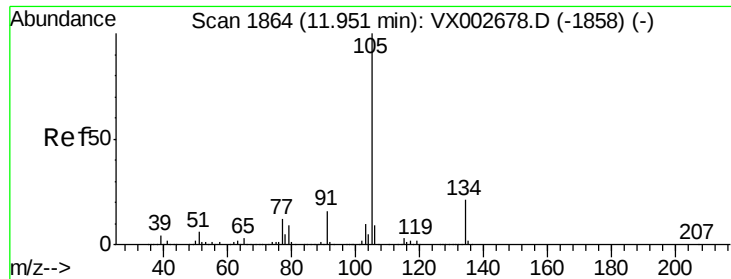
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#80
1,2,4-Trimethylbenzene
Concen: 18.883 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232517		
120	45.8	0.0	89.2	





#81

sec-Butylbenzene

Concen: 18.261 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD03

Tgt Ion:105 Resp: 269369

Ion Ratio Lower Upper

105 100

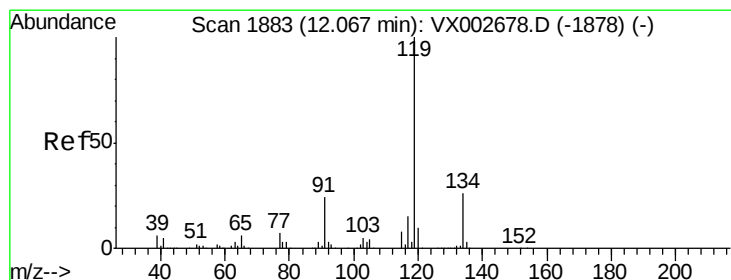
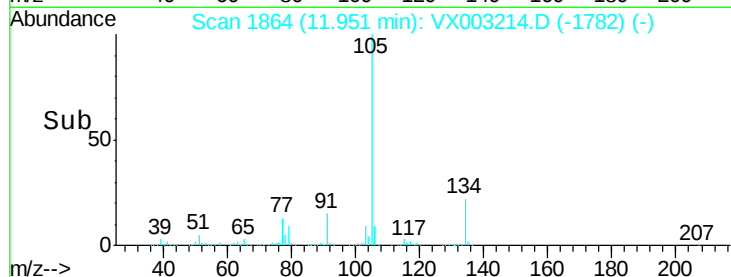
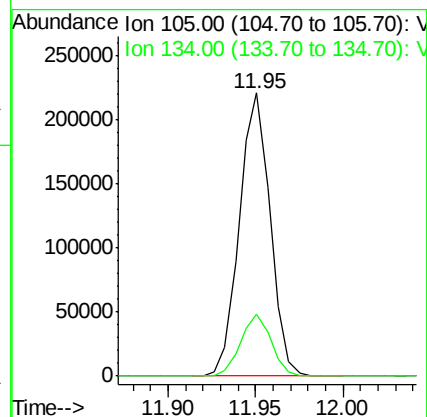
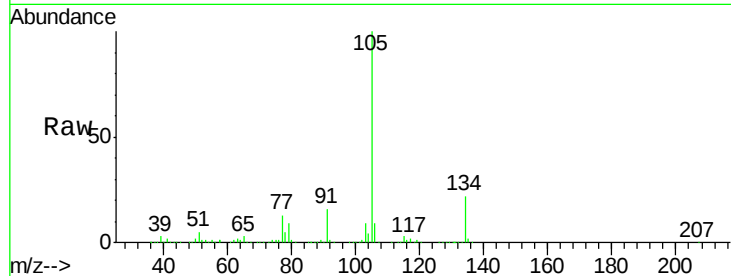
134 21.5 0.0 41.6

Manual Integrations

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#82

p-Isopropyltoluene

Concen: 18.182 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

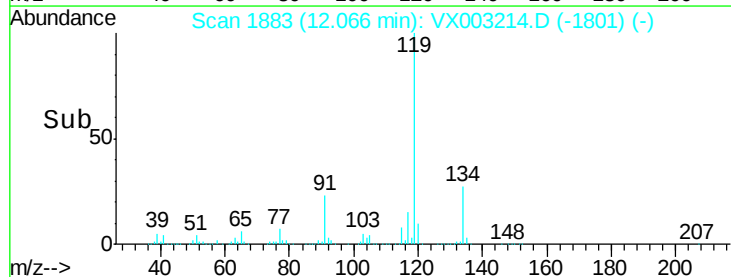
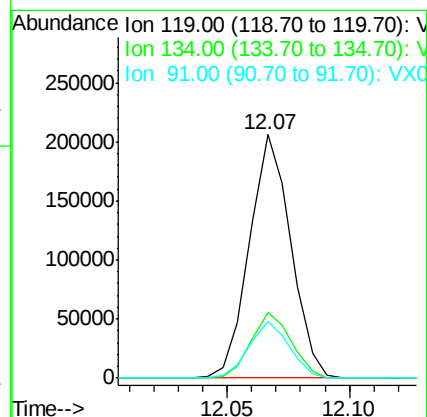
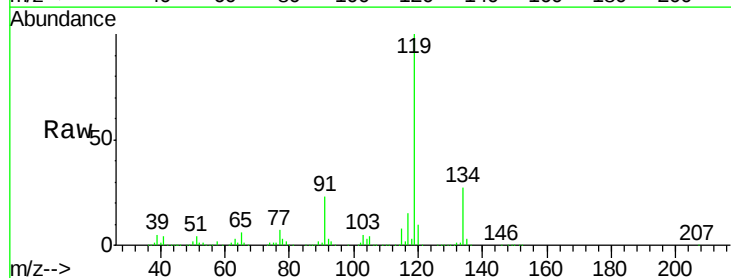
Tgt Ion:119 Resp: 241821

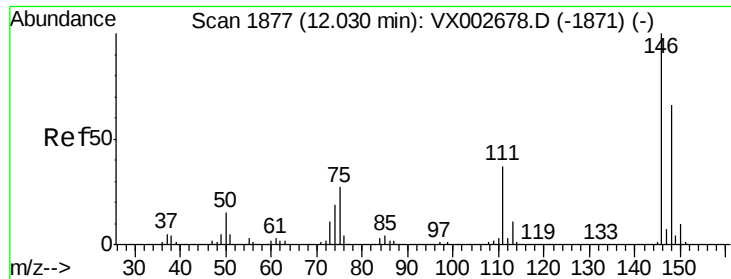
Ion Ratio Lower Upper

119 100

134 26.8 0.0 52.6

91 23.0 0.0 48.0





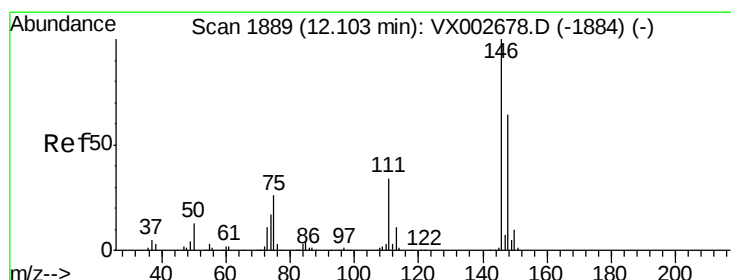
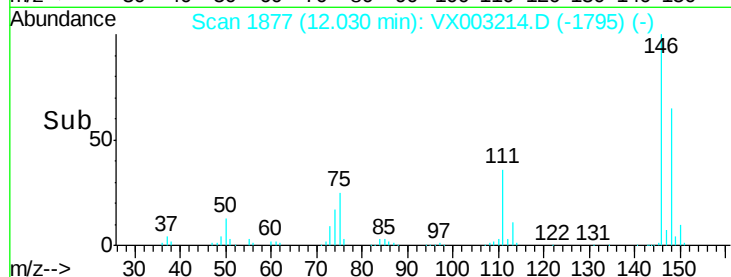
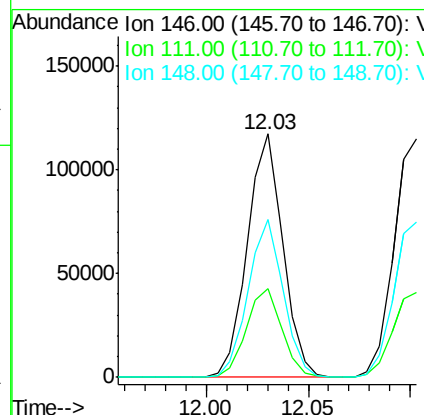
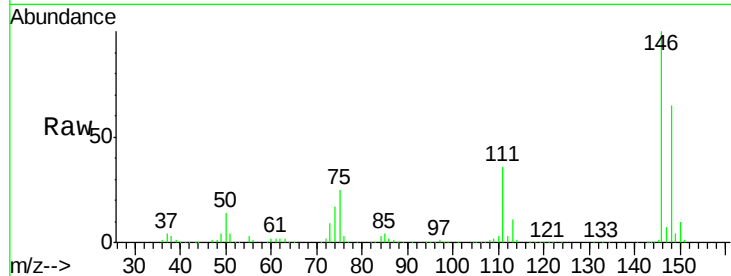
#83
 1,3-Dichlorobenzene
 Concen: 19.540 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	142015		
111	36.7	19.1	57.5	
148	64.1	31.9	95.7	

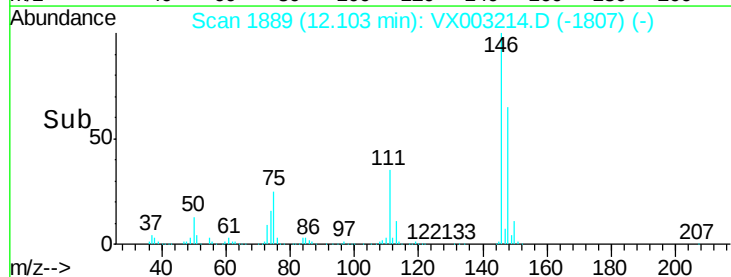
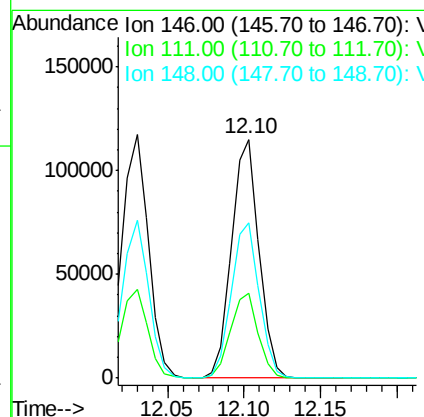
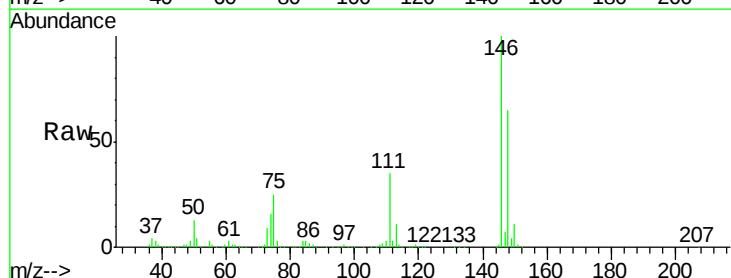
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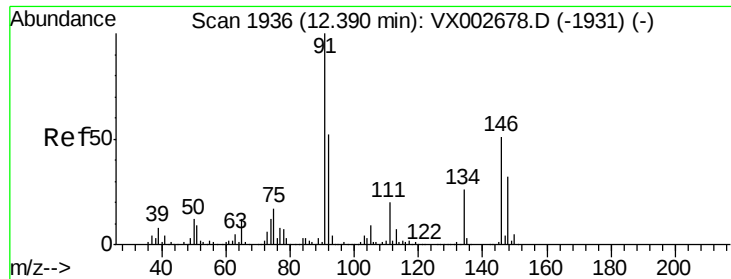
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#84
 1,4-Dichlorobenzene
 Concen: 19.508 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143201		
111	35.6	18.5	55.5	
148	65.9	32.0	96.0	





#85

n-Butylbenzene

Concen: 16.541 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Instrument :

MSVOA_X

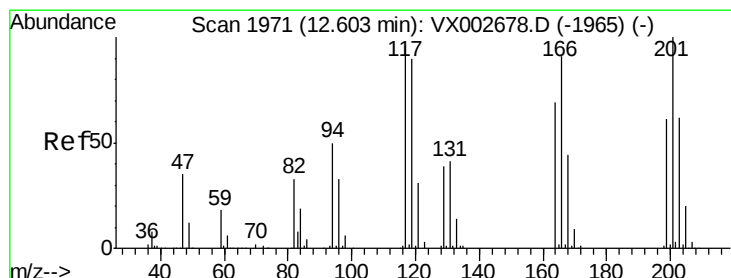
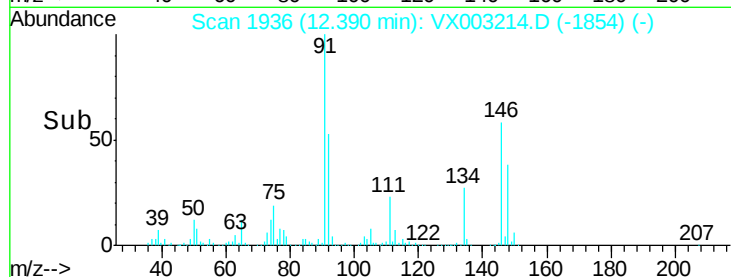
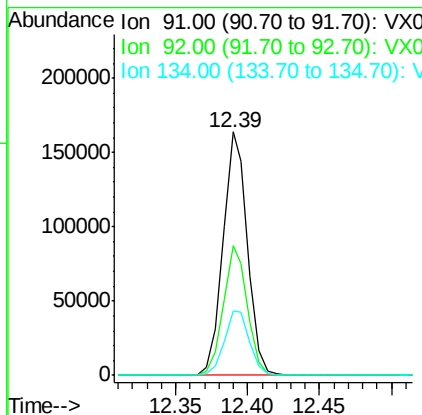
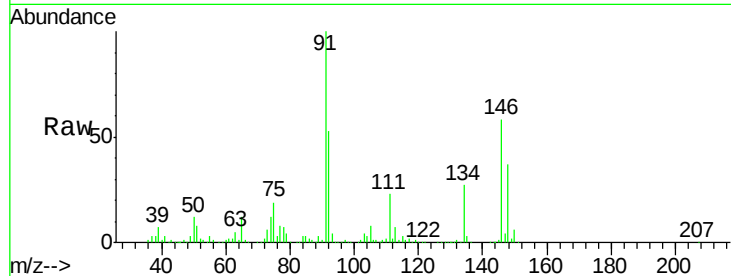
ClientSampleId :

VX0706WBSD03

Tgt Ion:	91	Resp:	195002
Ion	Ratio	Lower	Upper
91	100		
92	52.5	0.0	105.2
134	27.4	0.0	53.2

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#86

Hexachloroethane

Concen: 17.306 ug/l

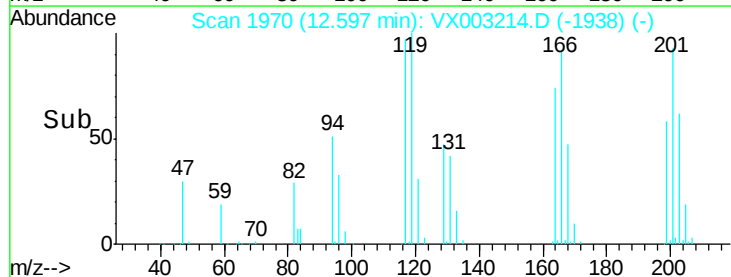
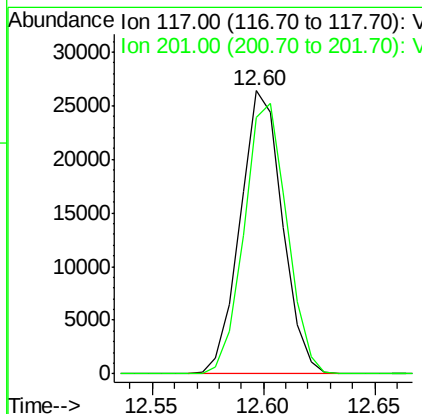
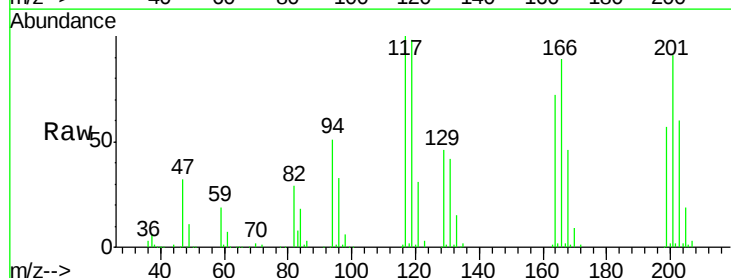
RT: 12.60 min Scan# 1970

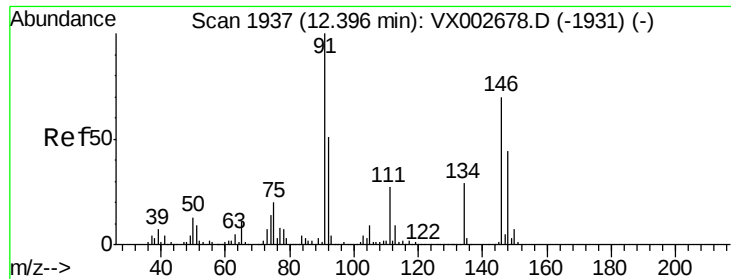
Delta R.T. -0.01 min

Lab File: VX003214.D

Acq: 06 Jul 2018 14:18

Tgt Ion:	117	Resp:	34888
Ion	Ratio	Lower	Upper
117	100		
201	96.7	47.6	142.8





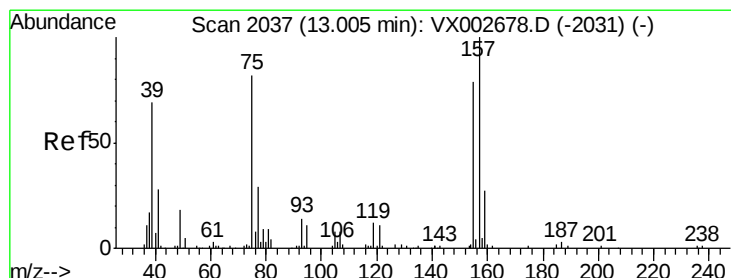
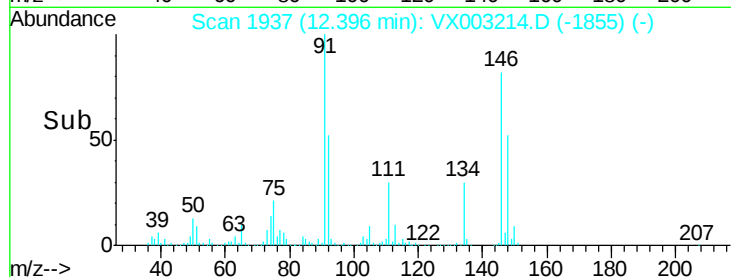
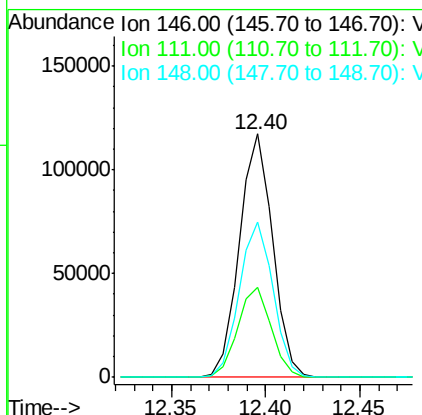
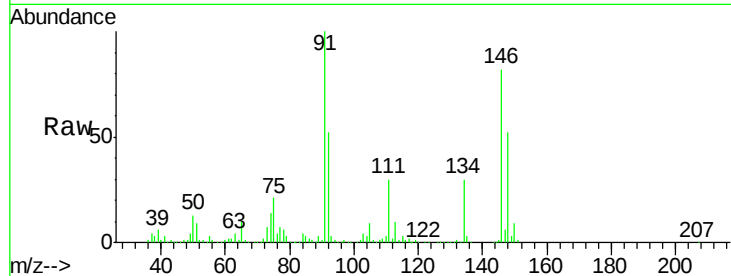
#87
 1,2-Dichlorobenzene
 Concen: 19.609 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143926		
111	37.5	20.0	59.9	
148	64.8	32.8	98.3	

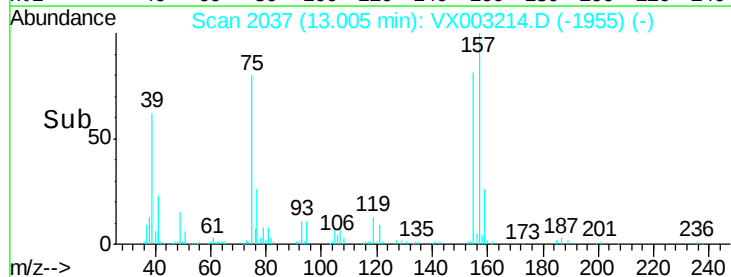
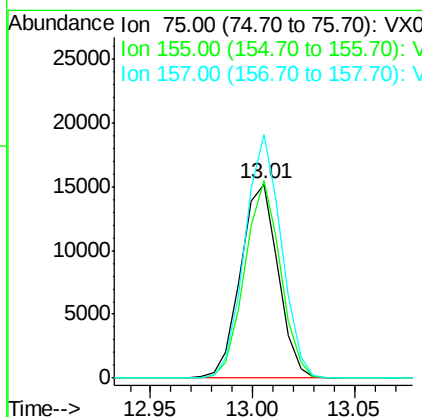
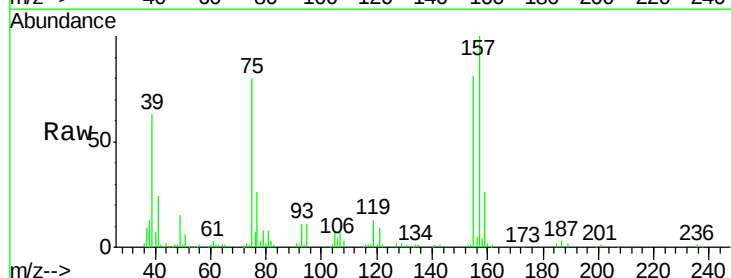
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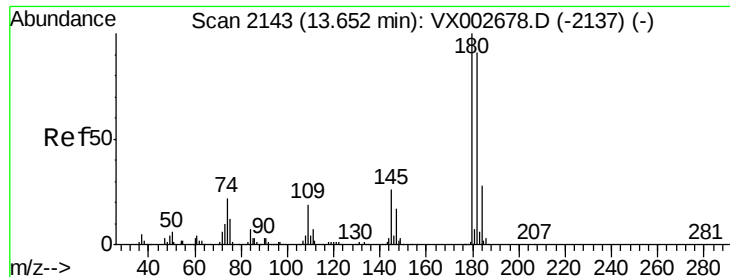
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.510 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003214.D
 Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19452		
155	96.4	73.1	109.7	
157	122.0	93.1	139.7	





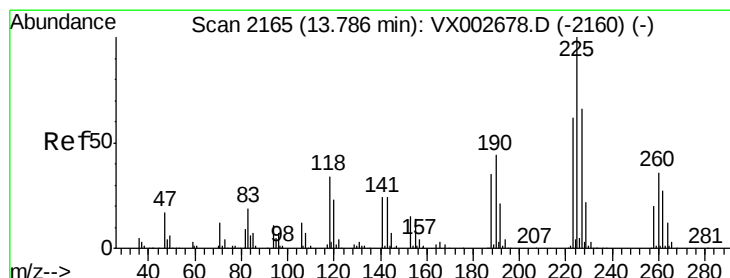
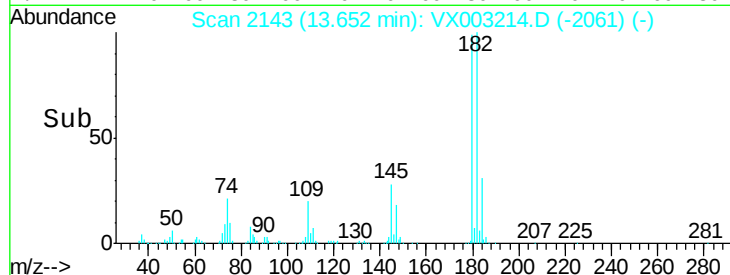
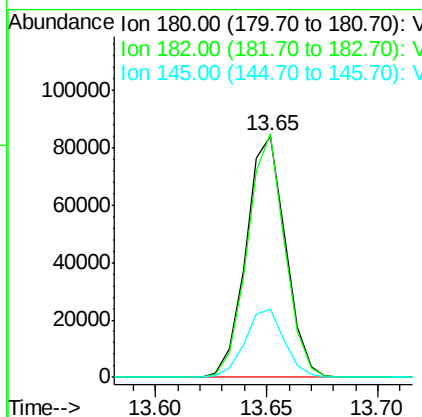
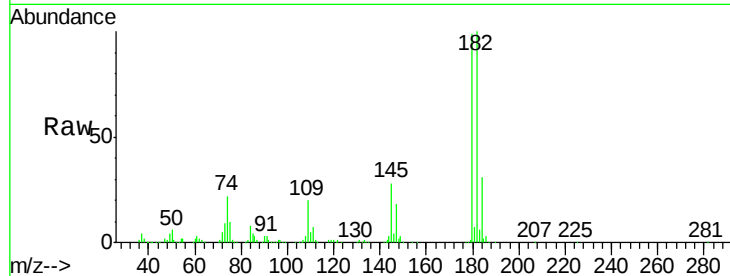
#89
1,2,4-Trichlorobenzene
Concen: 18.744 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	103843		
182	95.8	76.4	114.6	
145	28.2	22.9	34.3	

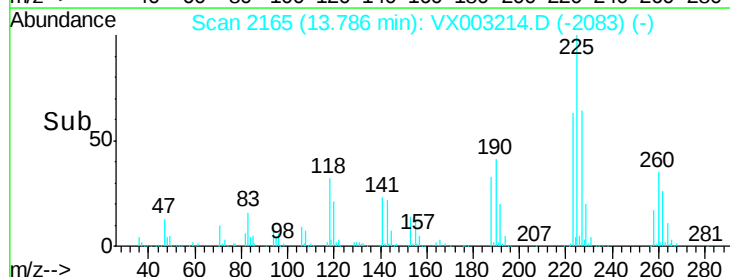
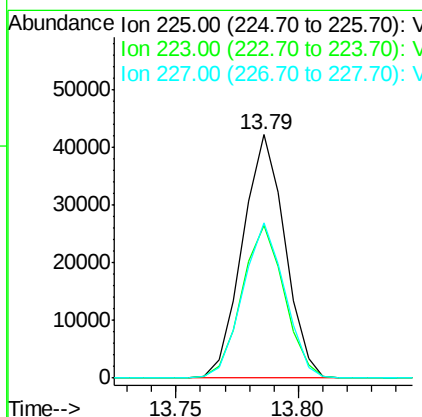
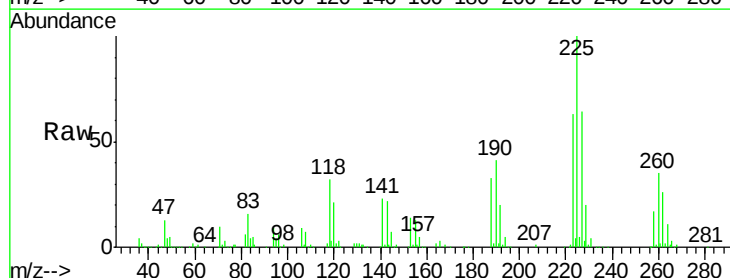
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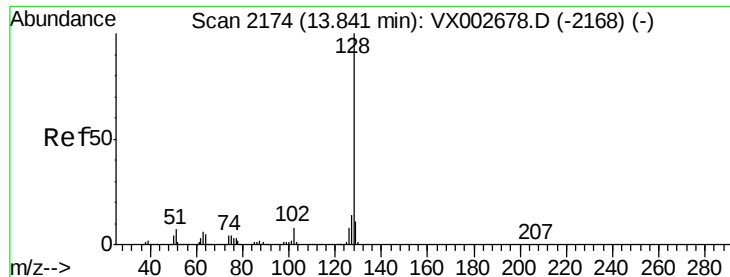
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#90
Hexachlorobutadiene
Concen: 17.680 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50994		
223	62.8	0.0	122.4	
227	63.0	0.0	128.0	





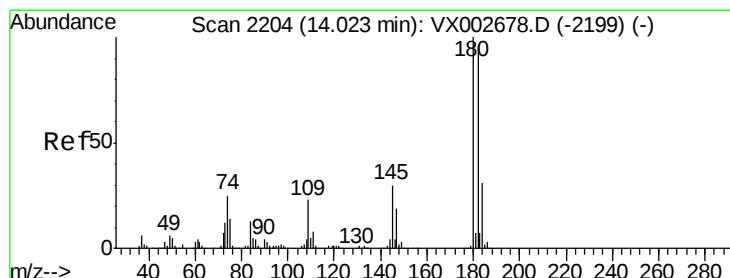
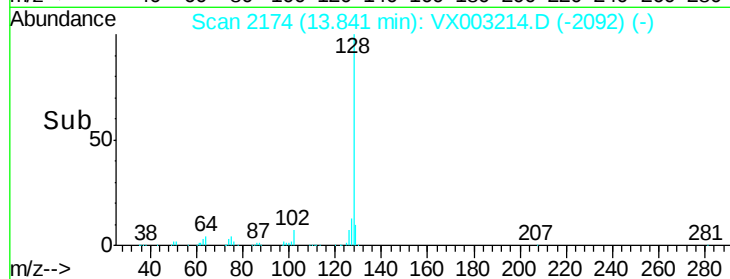
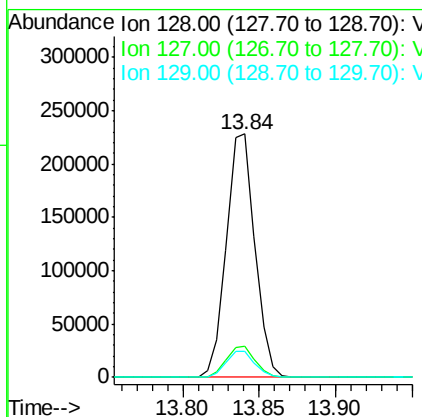
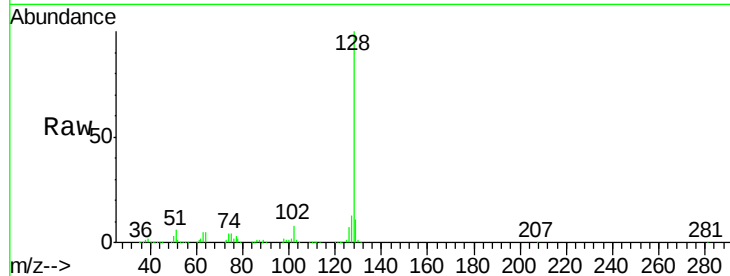
#91
Naphthalene
Concen: 20.060 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	294582		
127	12.9	10.3	15.5	
129	10.7	8.9	13.3	

Manual Integrations
APPROVED

apatel
7/18/2018 11:52:02 AM



#92
1,2,3-Trichlorobenzene
Concen: 19.523 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003214.D
Acq: 06 Jul 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	107613		
182	94.1	0.0	191.0	
145	29.2	0.0	60.6	

