

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007690.D
 Acq On : 26 Feb 2019 02:55
 Operator : JC/SP
 Sample : VX0225WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Manual Integrations
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 2/26/2019 3:05:11 PM

Quant Time: Feb 26 04:50:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	419941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188823	60.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.10%	
35) Dibromofluoromethane	5.50	113	162637	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
50) Toluene-d8	8.71	98	551277	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.13	95	200833	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37307	16.086	ug/l	94
3) Chloromethane	1.33	50	54623	21.254	ug/l	96
4) Vinyl Chloride	1.41	62	48593	18.430	ug/l	96
5) Bromomethane	1.64	94	41626	24.263	ug/l	94
6) Chloroethane	1.73	64	34536	20.502	ug/l	98
7) Trichlorofluoromethane	1.93	101	65221	16.136	ug/l	99
8) Diethyl Ether	2.19	74	39515	23.820	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38193	15.633	ug/l	92
10) Methyl Iodide	2.51	142	69007	22.684	ug/l	95
11) Tert butyl alcohol	3.07	59	80040	135.275	ug/l	97
12) 1,1-Dichloroethene	2.38	96	41899	19.026	ug/l	94
13) Acrolein	2.30	56	57945	110.208	ug/l	98
14) Allyl chloride	2.73	41	87074	21.384	ug/l	99
15) Acrylonitrile	3.15	53	177204	127.264	ug/l	99
16) Acetone	2.45	43	158673	114.417	ug/l	99
17) Carbon Disulfide	2.57	76	111799	18.248	ug/l	100
18) Methyl Acetate	2.78	43	78210	25.845	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	191151	24.926	ug/l	98
20) Methylene Chloride	2.86	84	59025	23.050	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	49375	20.624	ug/l	93
22) Diisopropyl ether	3.87	45	197857	23.342	ug/l	95
23) Vinyl Acetate	3.82	43	865856	116.427	ug/l	100
24) 1,1-Dichloroethane	3.70	63	105067	22.807	ug/l	99
25) 2-Butanone	4.70	43	255274	120.843	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50102	13.625	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	69345	22.764	ug/l	95
28) Bromochloromethane	5.02	49	55305	24.660	ug/l	94
29) Tetrahydrofuran	5.15	42	167442	120.248	ug/l	98
30) Chloroform	5.21	83	111746	22.645	ug/l	99
31) Cyclohexane	5.58	56	63736	14.708	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	77998	19.112	ug/l	97
36) 1,1-Dichloropropene	5.80	75	63241	15.669	ug/l	100
37) Ethyl Acetate	4.85	43	97019	21.639	ug/l	98
38) Carbon Tetrachloride	5.79	117	60881	15.016	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65352	12.811	ug/l	98
40) Benzene	6.14	78	244738	19.643	ug/l	95
41) Methacrylonitrile	5.06	41	51095	21.342	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88742	21.191	ug/l	96
43) Isopropyl Acetate	6.46	43	147726	21.409	ug/l	99
44) Trichloroethene	7.21	130	62888	18.349	ug/l	93
45) 1,2-Dichloropropane	7.52	63	63965	19.819	ug/l	98
46) Dibromomethane	7.66	93	46165	20.503	ug/l	93
47) Bromodichloromethane	7.90	83	79575	20.394	ug/l	98
48) Methyl methacrylate	7.77	41	74518	20.602	ug/l	98
49) 1,4-Dioxane	7.75	88	35460	453.908	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	503937	109.103	ug/l	100
52) Toluene	8.78	92	146023	18.586	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81883	18.736	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	92480	19.531	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	71670	21.876	ug/l	98
56) Ethyl methacrylate	9.18	69	100003	21.464	ug/l	98
57) 1,3-Dichloropropane	9.37	76	113041	21.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	266452	103.709	ug/l	99
59) 2-Hexanone	9.49	43	382693	105.534	ug/l	100
60) Dibromochloromethane	9.58	129	67612	21.447	ug/l	99
61) 1,2-Dibromoethane	9.67	107	75645	22.238	ug/l	98
64) Tetrachloroethene	9.34	164	61121	17.929	ug/l	97
65) Chlorobenzene	10.14	112	169456	18.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62679	19.784	ug/l	98
67) Ethyl Benzene	10.25	91	257173	17.093	ug/l	100
68) m/p-Xylenes	10.36	106	199699	34.118	ug/l	97
69) o-Xylene	10.69	106	104096	18.489	ug/l	98
70) Styrene	10.71	104	170028	18.373	ug/l	99
71) Bromoform	10.85	173	46058	19.387	ug/l #	99
73) Isopropylbenzene	11.02	105	243694	17.160	ug/l	100
74) N-amyl acetate	10.90	43	128132	20.777	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	106215	21.624	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	89475m	21.125	ug/l	
77) Bromobenzene	11.26	156	75842	21.292	ug/l	93
78) n-propylbenzene	11.36	91	268349	16.722	ug/l	99
79) 2-Chlorotoluene	11.42	91	175461	18.158	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	209630	17.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24521	17.590	ug/l	94
82) 4-Chlorotoluene	11.51	91	203284	17.984	ug/l	100
83) tert-Butylbenzene	11.77	119	193015	17.209	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	220320	18.438	ug/l	100
85) sec-Butylbenzene	11.94	105	225823	16.067	ug/l	99
86) p-Isopropyltoluene	12.06	119	204000	16.574	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126248	19.107	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	129058	19.072	ug/l	97
89) n-Butylbenzene	12.38	91	164639	14.998	ug/l	98
90) Hexachloroethane	12.60	117	33999	16.394	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	132513	20.044	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20346	19.011	ug/l	95

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ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

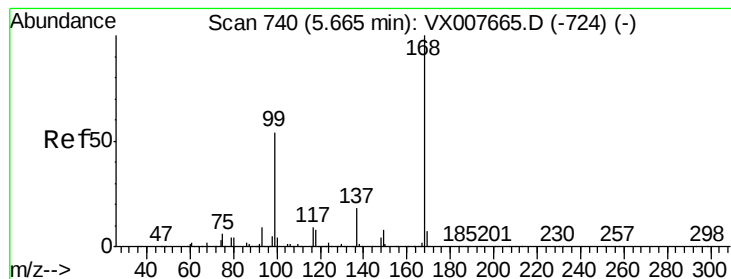
Manual Integrations
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Quant Time: Feb 26 04:50:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79198	19.626	ug/l	98
94) Hexachlorobutadiene	13.78	225	28488	15.432	ug/l	97
95) Naphthalene	13.83	128	285818	21.861	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83244	20.544	ug/l	98

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



#1

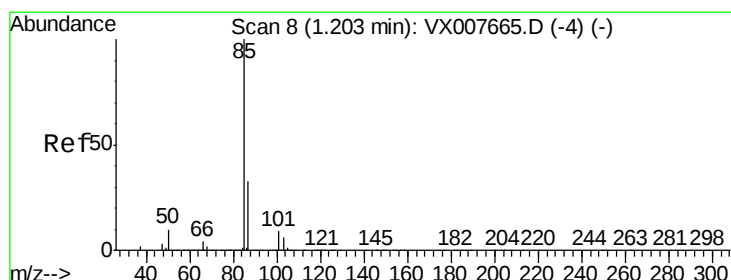
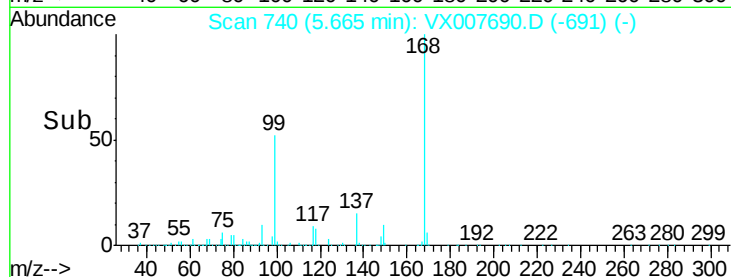
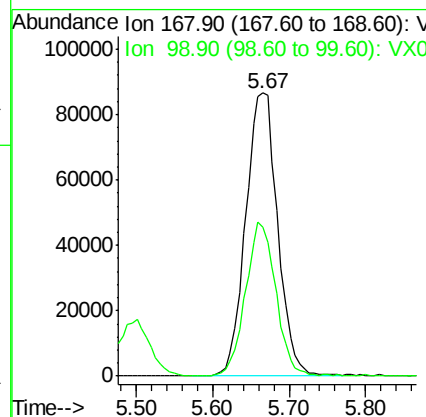
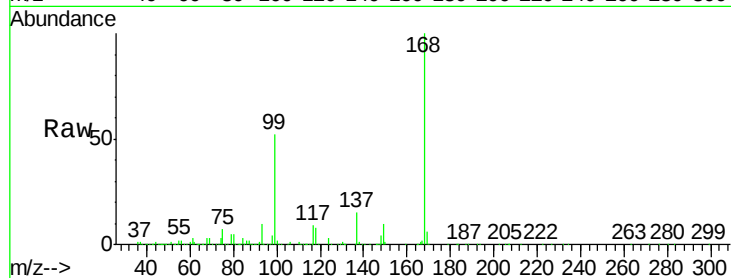
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.2	37.9	56.9

Manual Integrations
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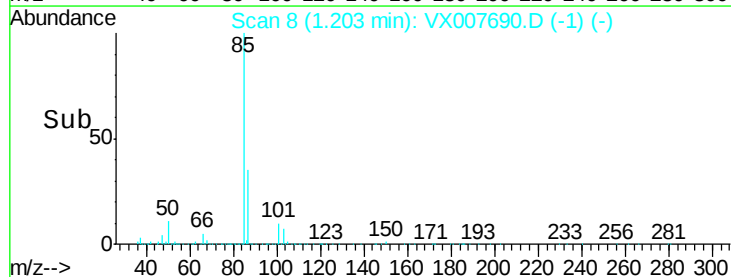
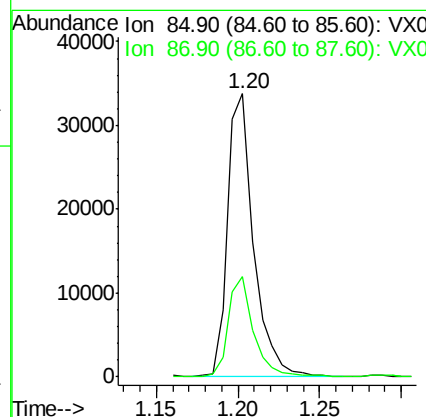
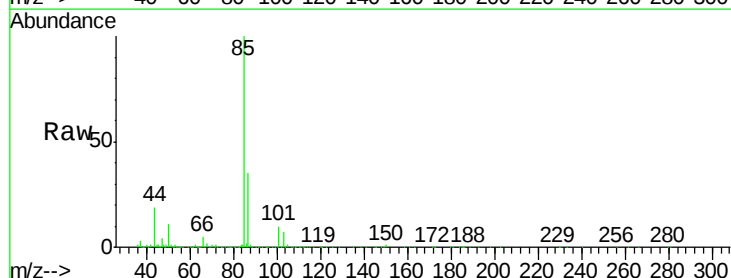
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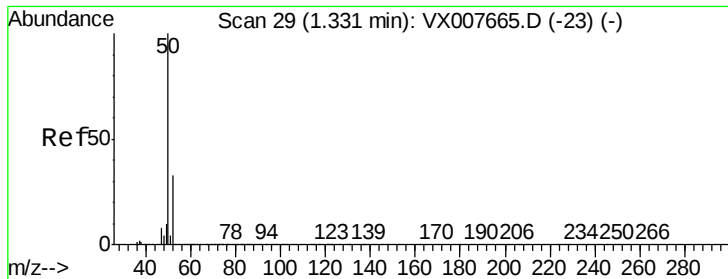


#2

Dichlorodifluoromethane
 Concen: 16.086 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.2	15.8	47.4





#3

Chloromethane

Concen: 21.254 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 50 Resp: 54623

Ion Ratio Lower Upper

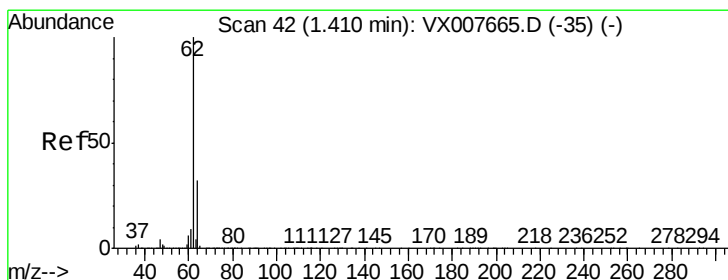
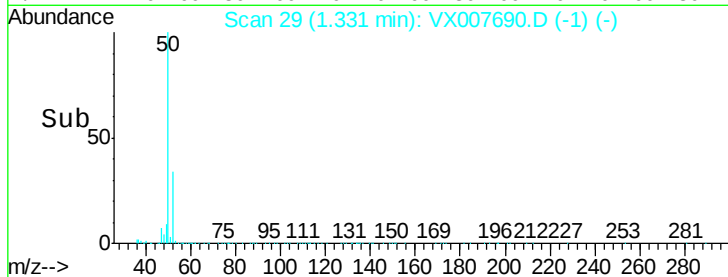
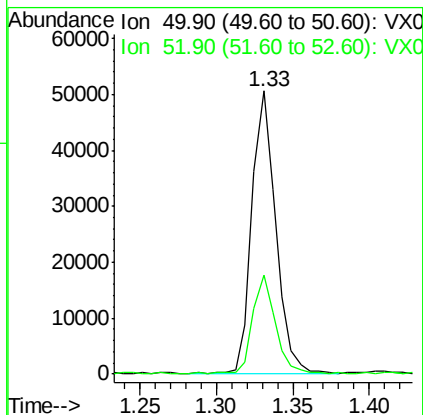
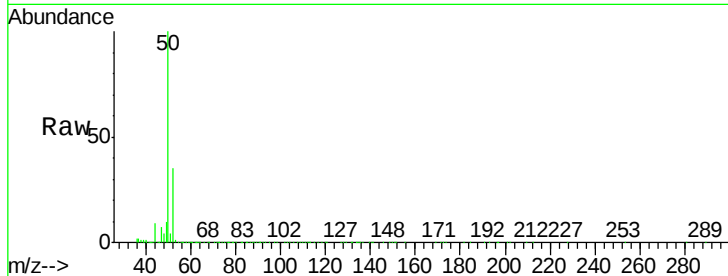
50 100

52 34.7 26.1 39.1

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#4

Vinyl Chloride

Concen: 18.430 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007690.D

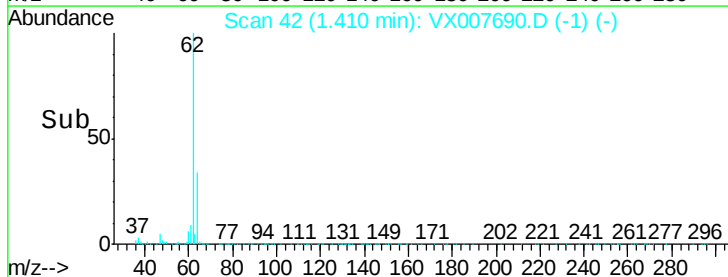
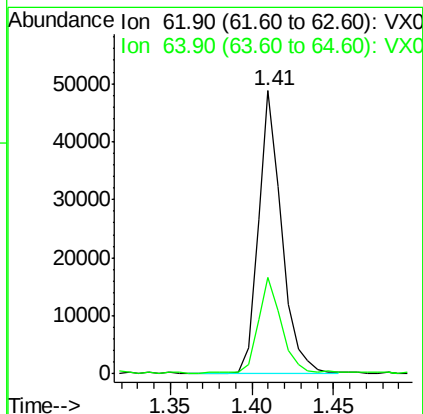
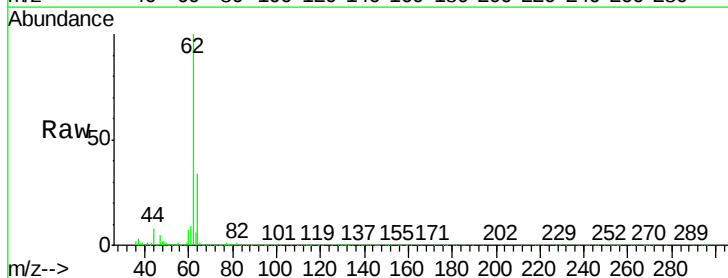
Acq: 26 Feb 2019 02:55

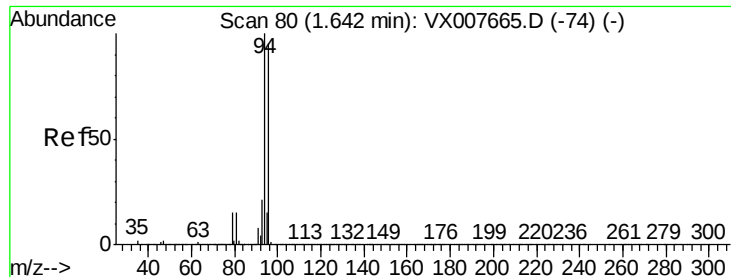
Tgt Ion: 62 Resp: 48593

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.0





#5

Bromomethane

Concen: 24.263 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 94 Resp: 41626

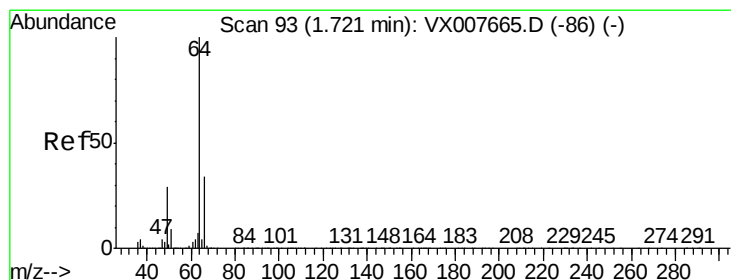
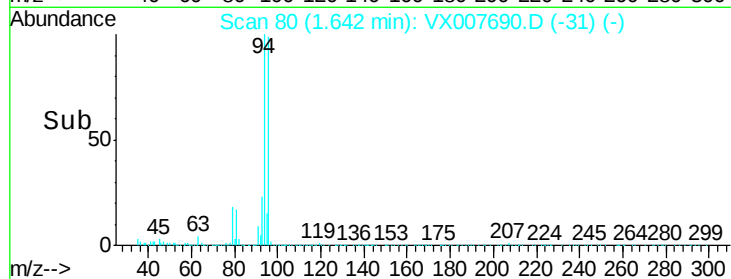
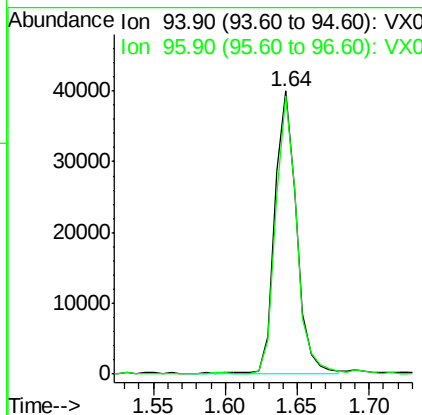
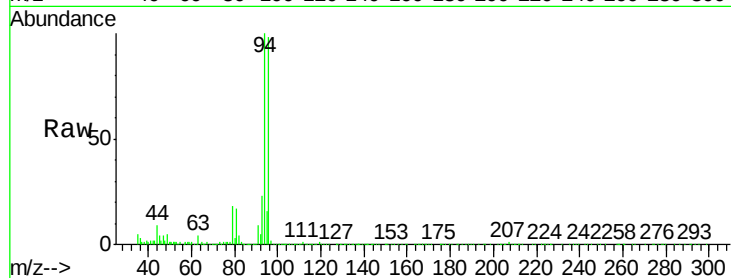
Ion Ratio Lower Upper

94 100

96 98.6 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 20.502 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007690.D

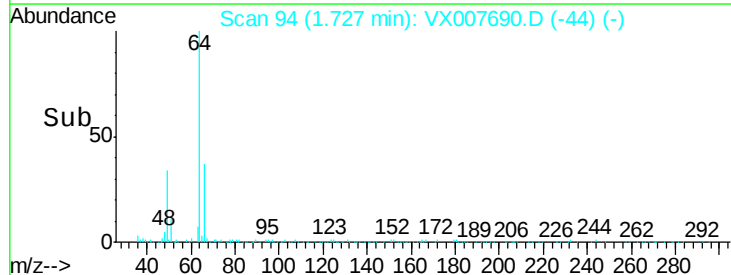
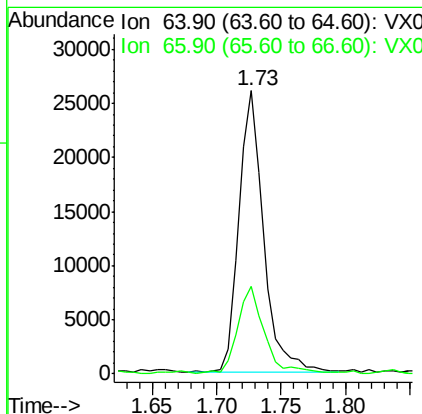
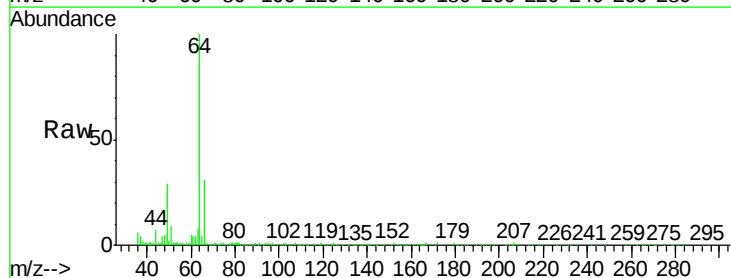
Acq: 26 Feb 2019 02:55

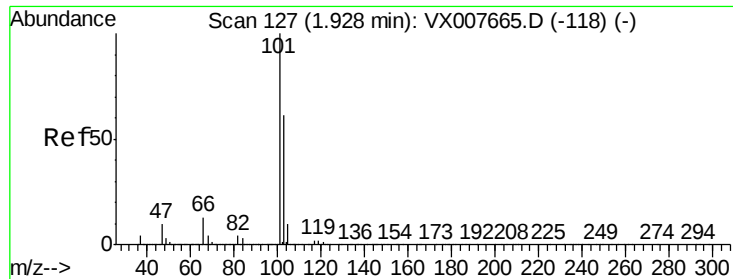
Tgt Ion: 64 Resp: 34536

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3





#7

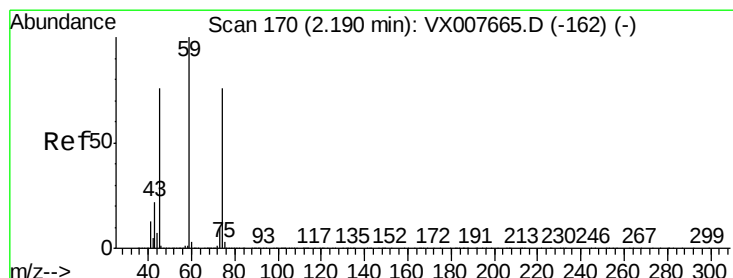
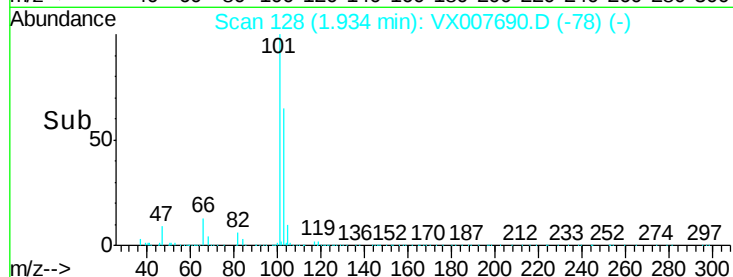
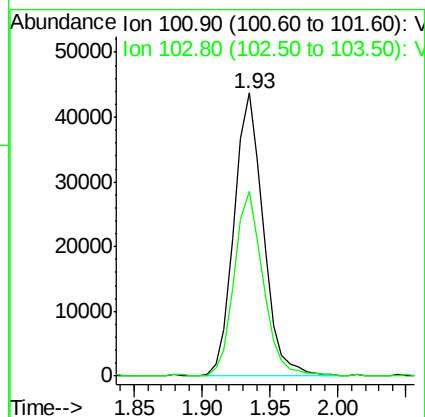
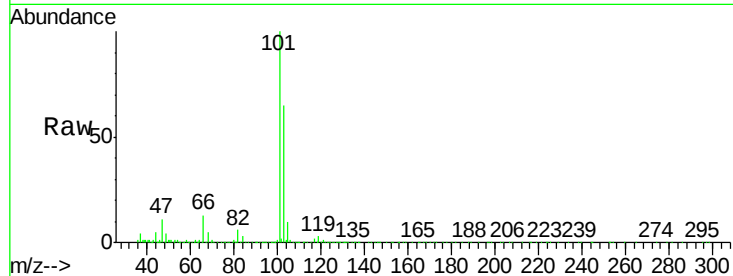
Trichlorofluoromethane
Concen: 16.136 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.6	79.0

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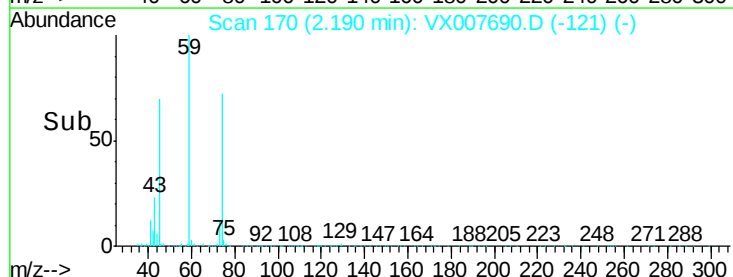
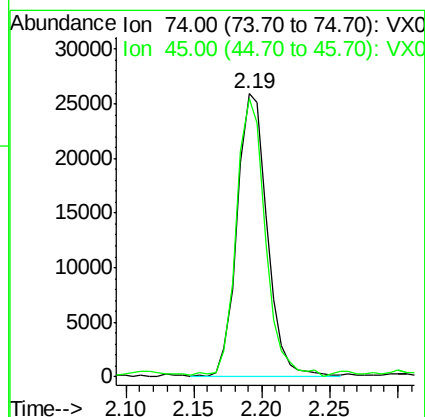
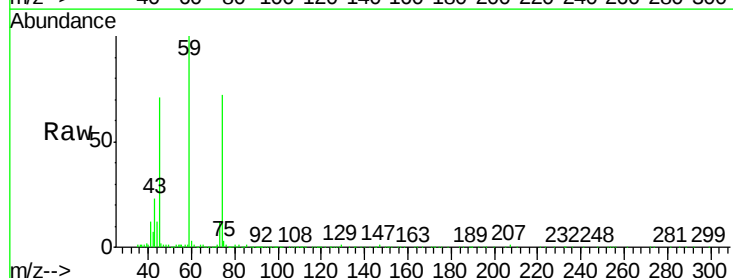
MMDadoda
2/26/2019 3:05:11 PM

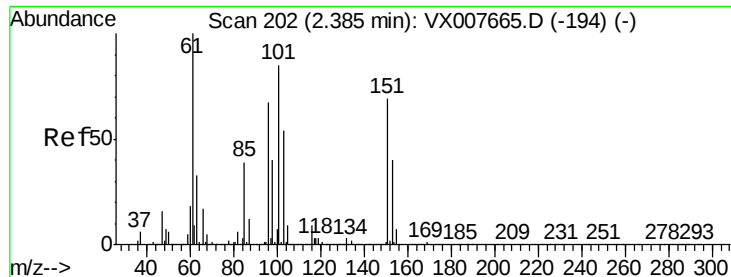


#8

Diethyl Ether
Concen: 23.820 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.633 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

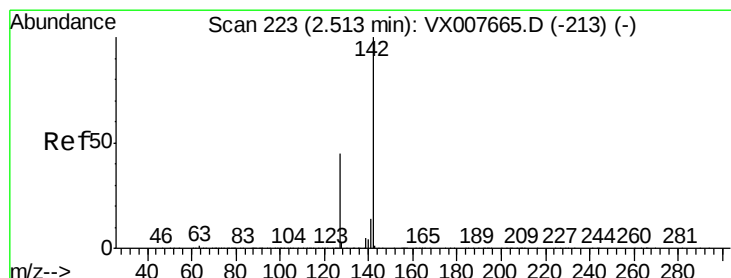
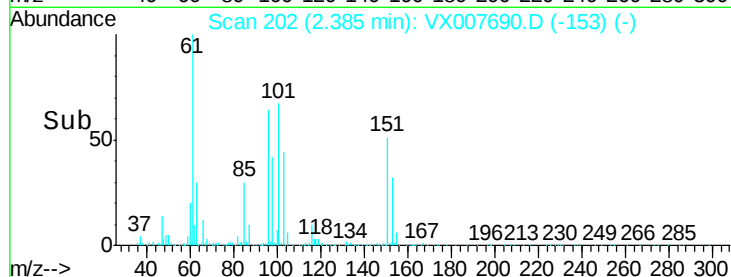
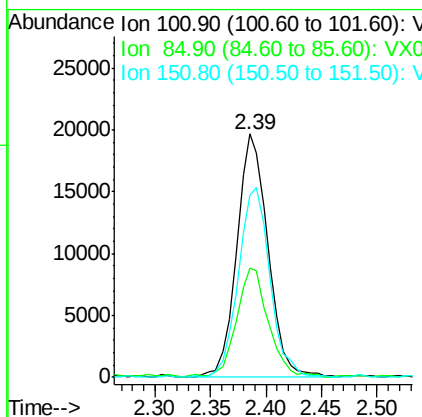
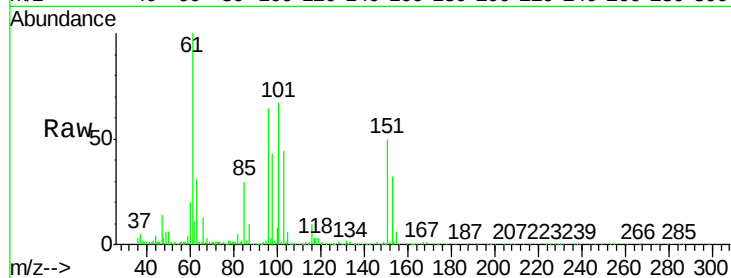
ClientSampleId :

VX0225WBSD02

Tot Ion:	101	Resp:	38193
Ion Ratio	Lower	Upper	
101	100		
85	46.4	34.1	51.1
151	79.4	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 22.684 ug/l

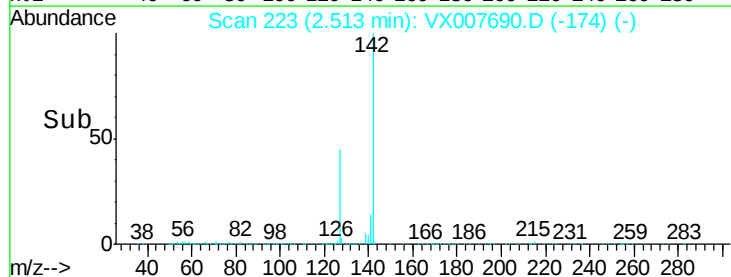
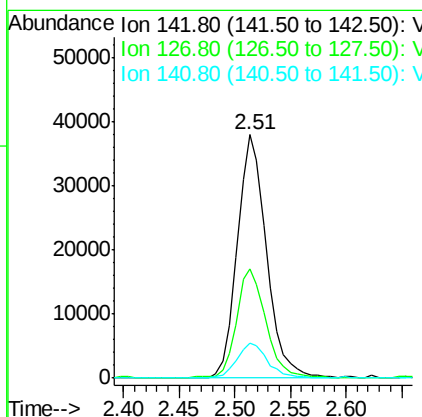
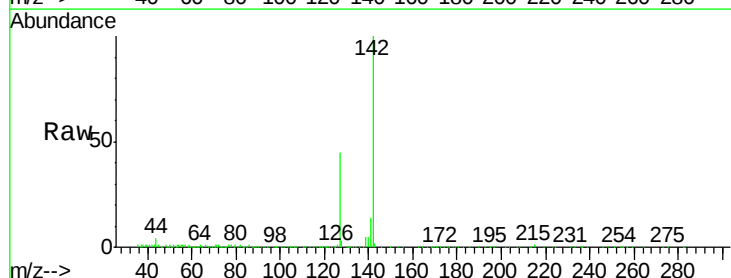
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	142	Resp:	69007
Ion Ratio	Lower	Upper	
142	100		
127	45.8	33.7	50.5
141	15.2	11.3	16.9





#11

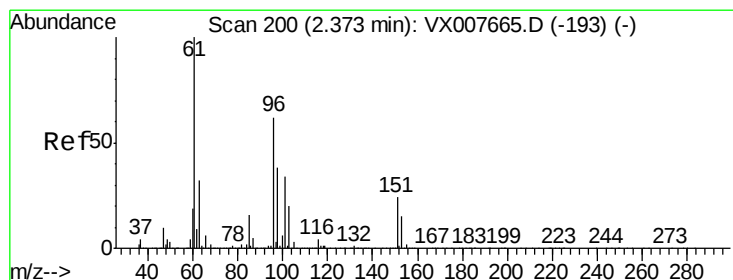
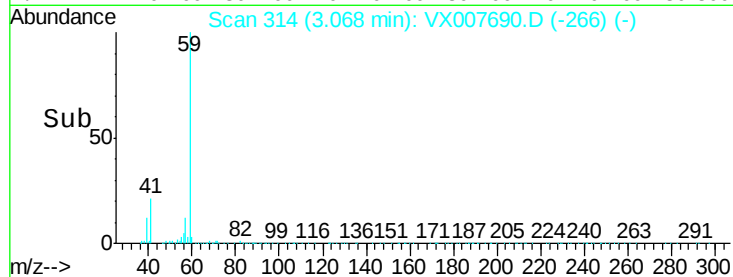
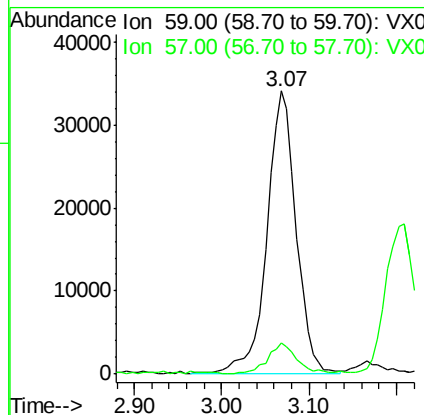
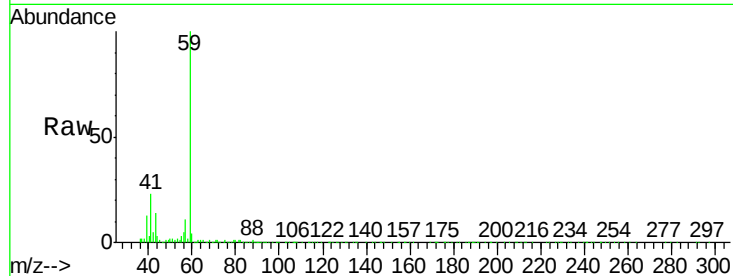
Tert butyl alcohol
Concen: 135.275 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.1	12.1

Manual Integrations
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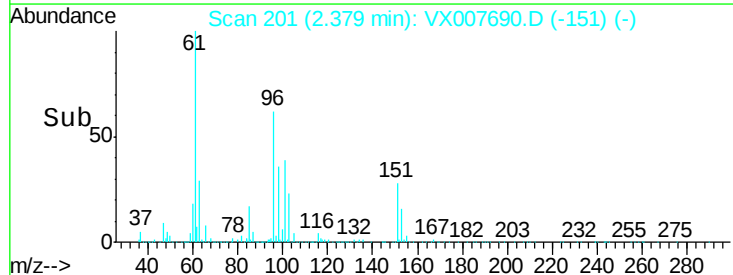
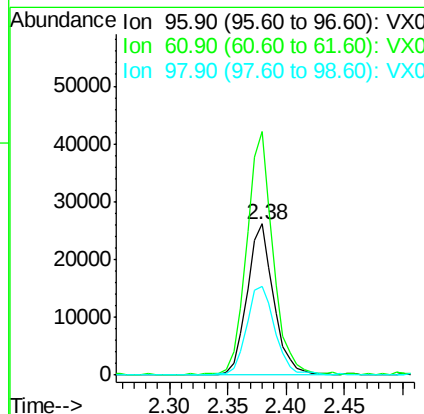
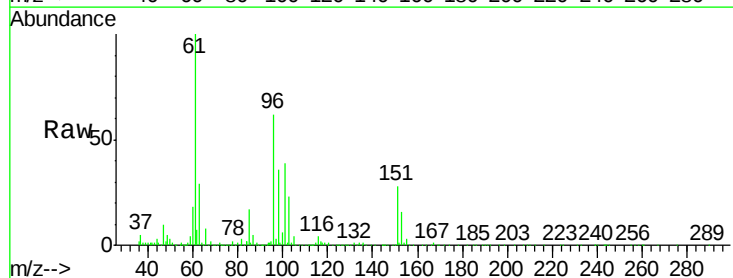
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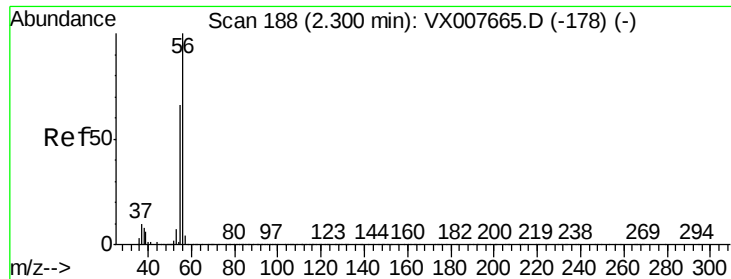


#12

1,1-Dichloroethene
Concen: 19.026 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	123.0	184.4
98	58.5	50.9	76.3





#13

Acrolein

Concen: 110.208 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 56 Resp: 57945

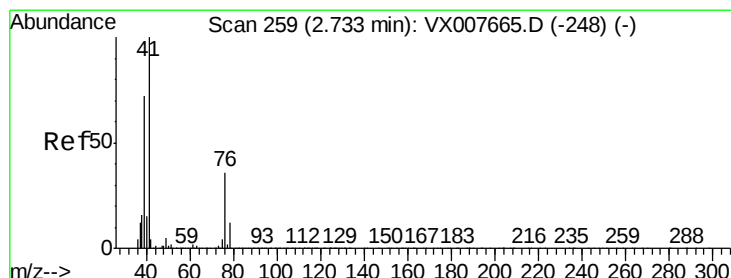
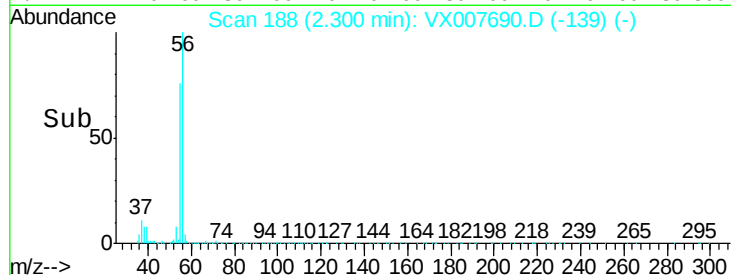
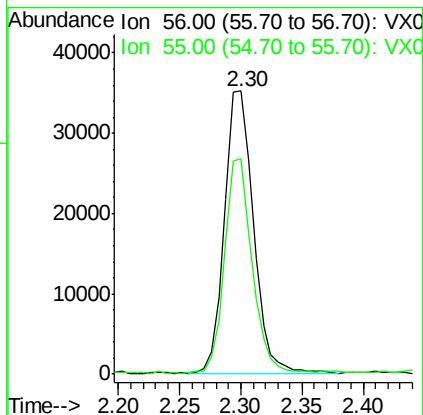
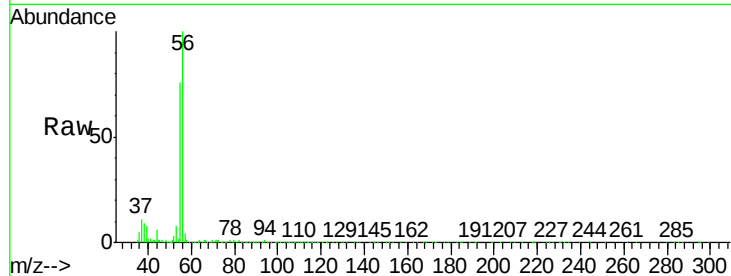
Ion Ratio Lower Upper

56 100

55 73.1 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 21.384 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

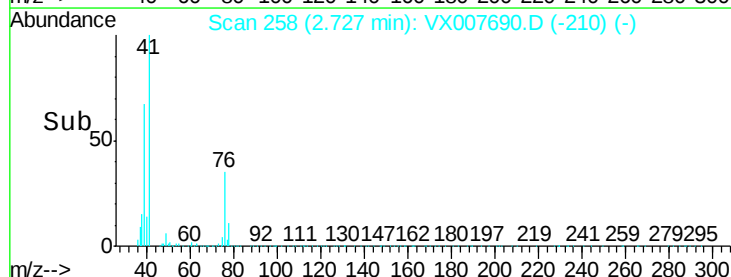
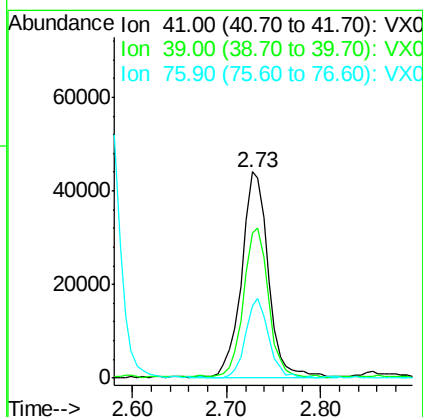
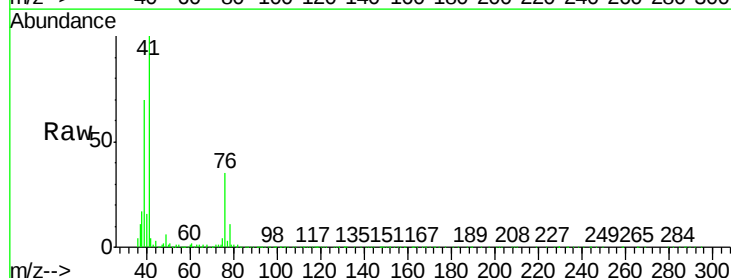
Tgt Ion: 41 Resp: 87074

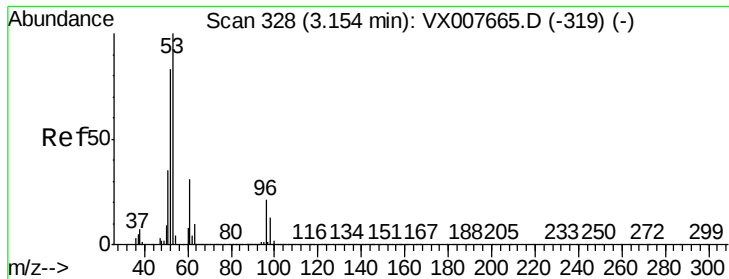
Ion Ratio Lower Upper

41 100

39 67.5 54.1 81.1

76 32.9 27.8 41.8





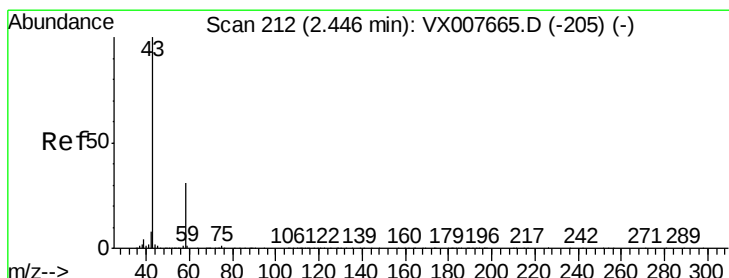
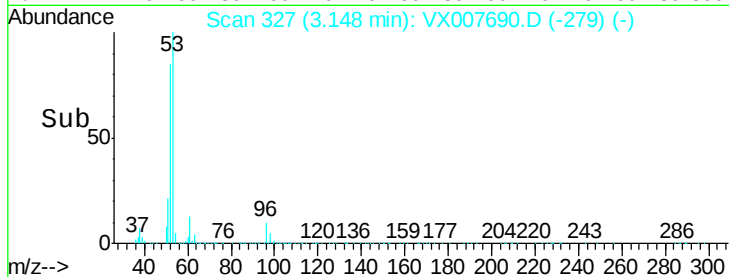
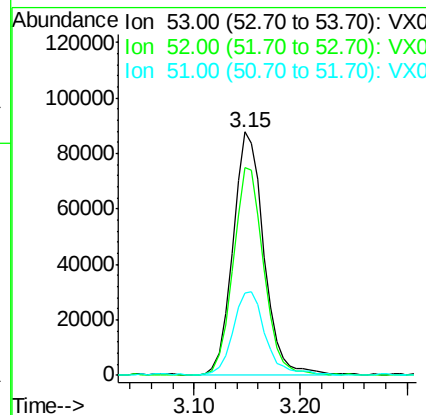
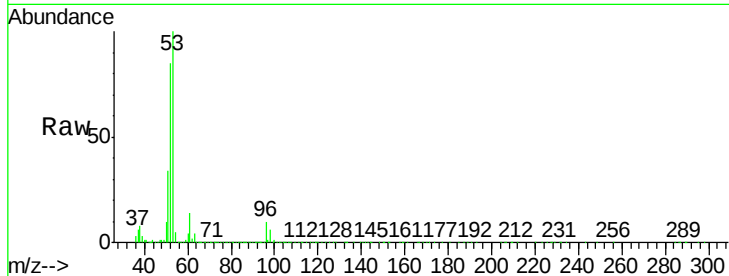
#15
 Acrylonitrile
 Concen: 127.264 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion:	53	Resp:	177204
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.4	99.6
51	35.7	28.4	42.6

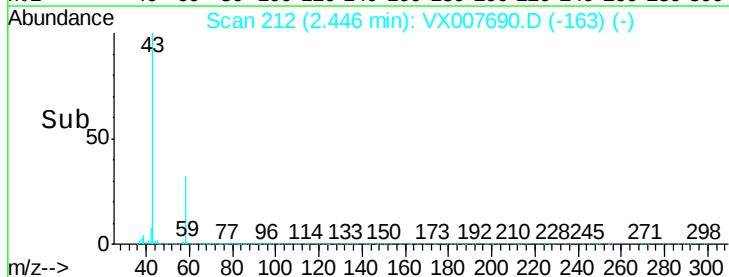
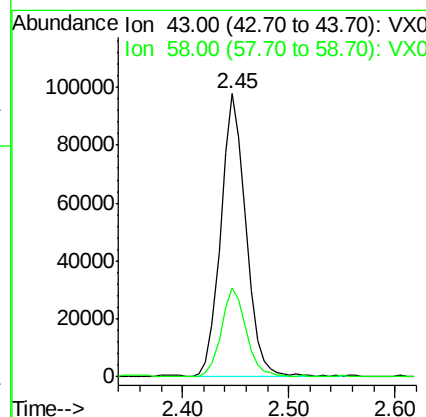
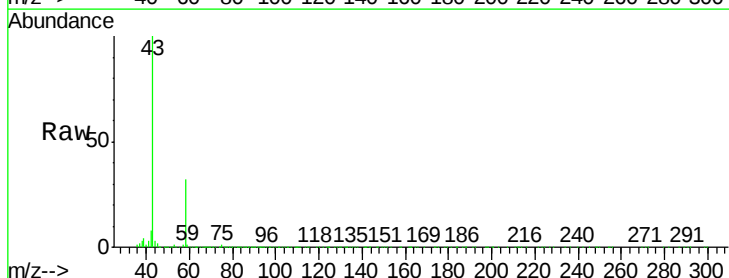
Manual Integrations
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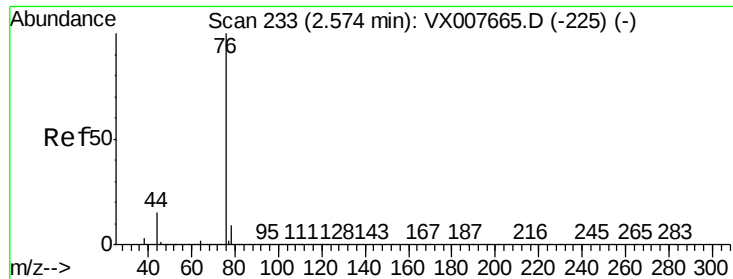
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#16
 Acetone
 Concen: 114.417 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion:	43	Resp:	158673
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.9	37.3





#17

Carbon Disulfide

Concen: 18.248 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 76 Resp: 111799

Ion Ratio Lower Upper

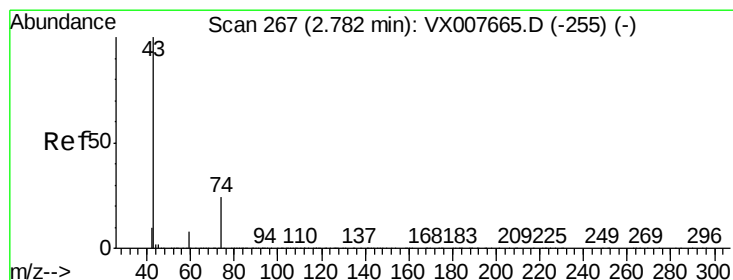
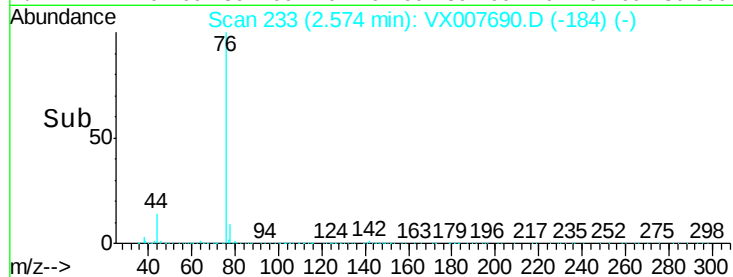
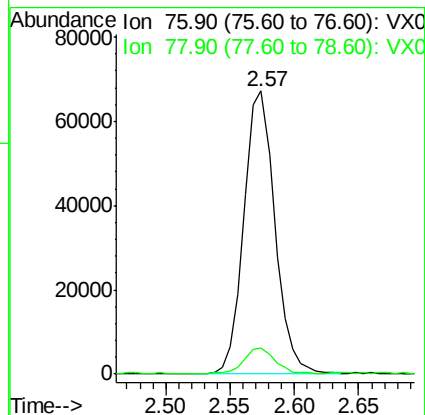
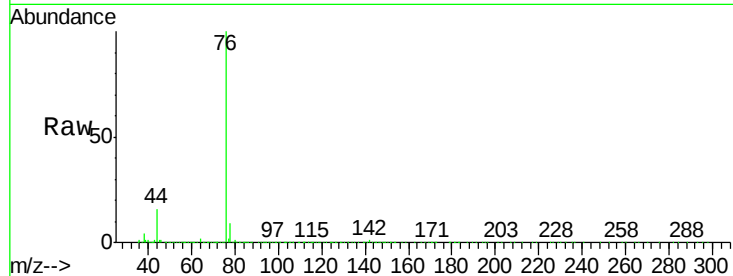
76 100

78 8.8 7.1 10.7

Manual Integrations
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#18

Methyl Acetate

Concen: 25.845 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007690.D

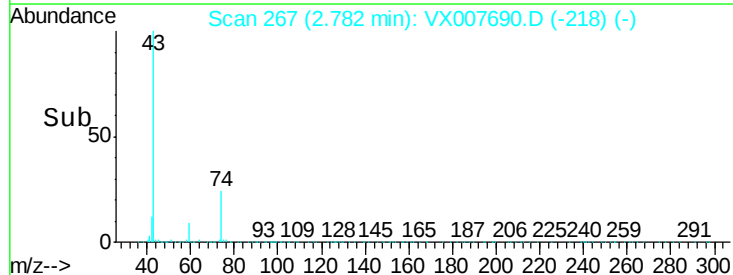
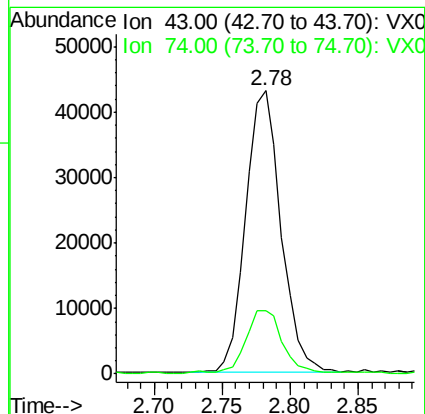
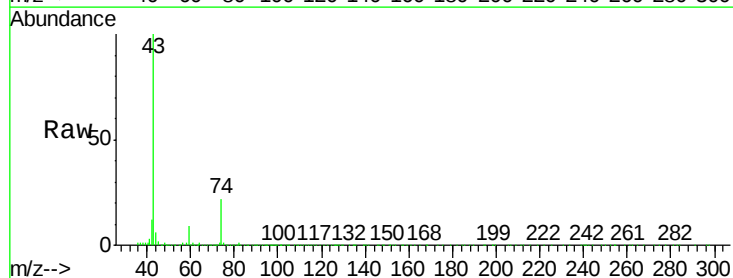
Acq: 26 Feb 2019 02:55

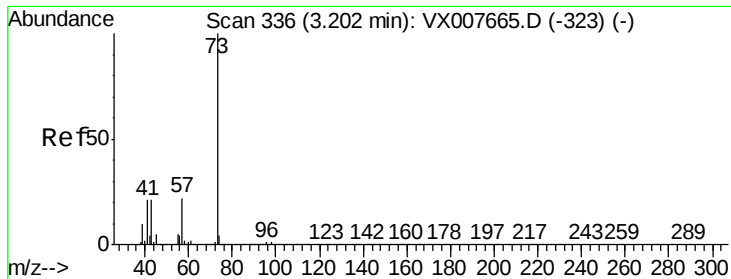
Tgt Ion: 43 Resp: 78210

Ion Ratio Lower Upper

43 100

74 22.8 19.4 29.2





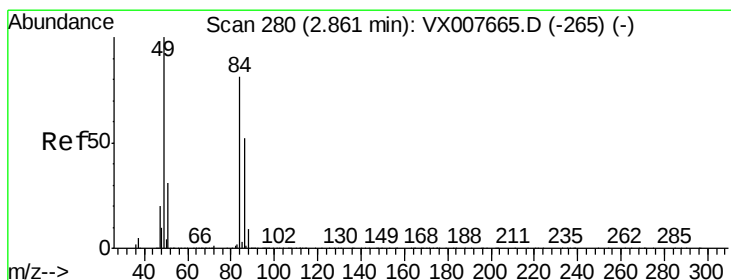
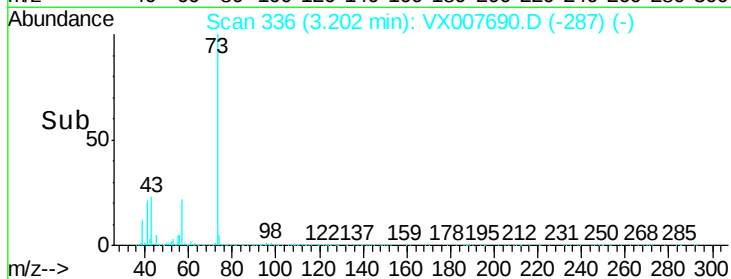
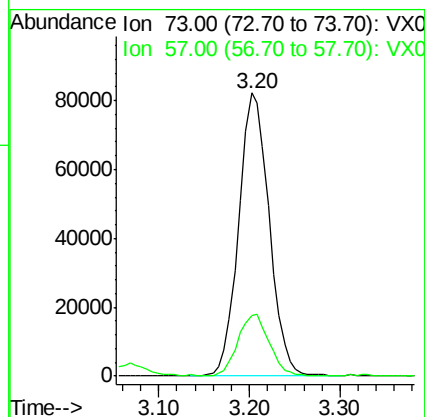
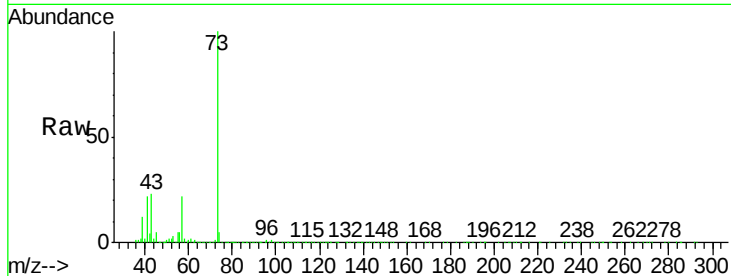
#19
Methvl tert-butvl Ether
Concen: 24.926 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

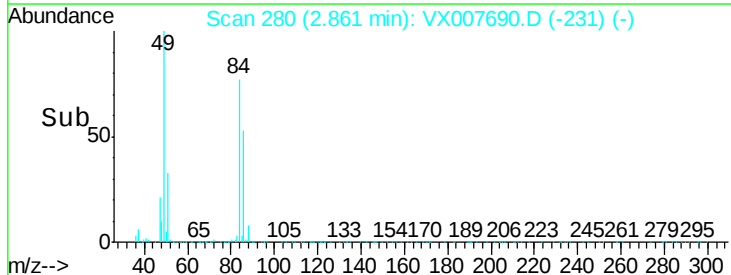
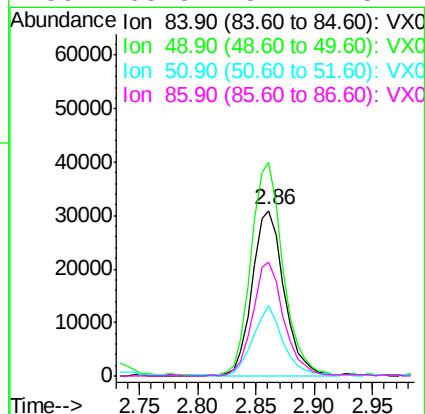
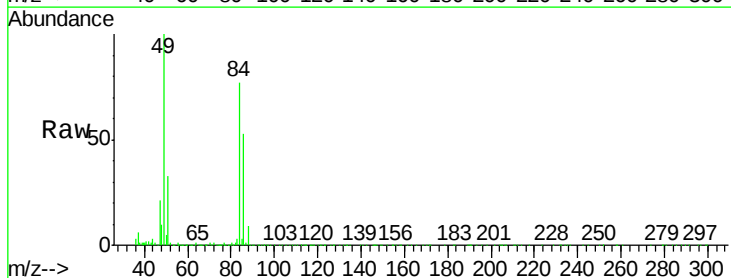
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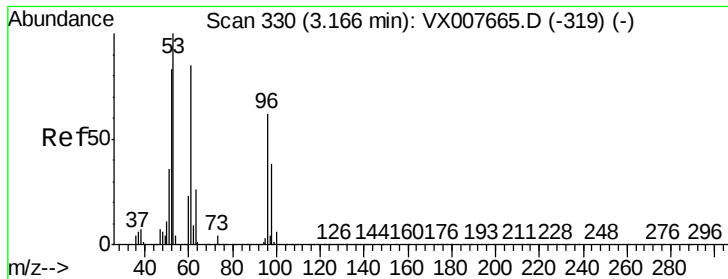
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#20
Methylene Chloride
Concen: 23.050 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.6	94.8	142.2
51	42.4	29.8	44.8
86	68.8	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 20.624 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

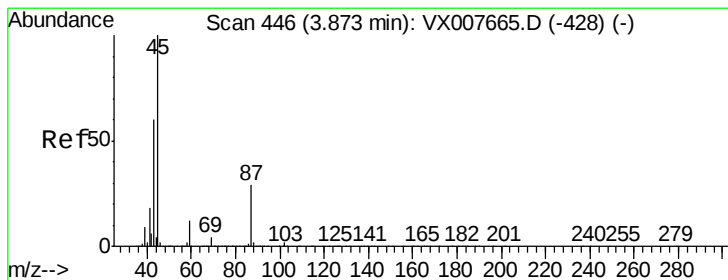
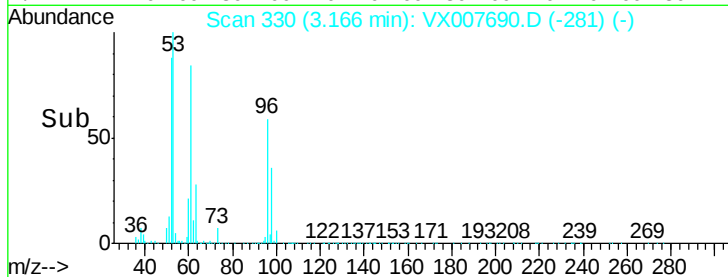
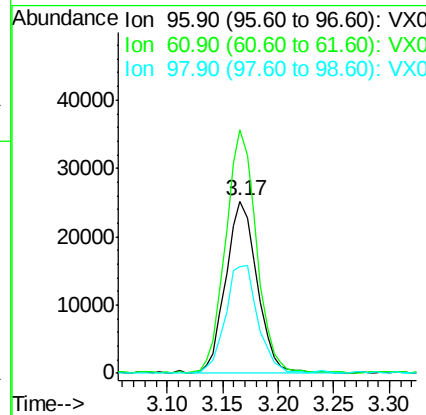
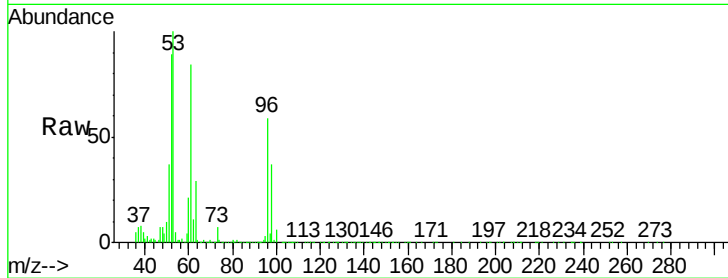
ClientSampleId :

VX0225WBSD02

Tot Ion:	96	Resp:	49375
Ion	Ratio	Lower	Upper
96	100		
61	140.5	104.6	156.8
98	61.3	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.342 ug/l

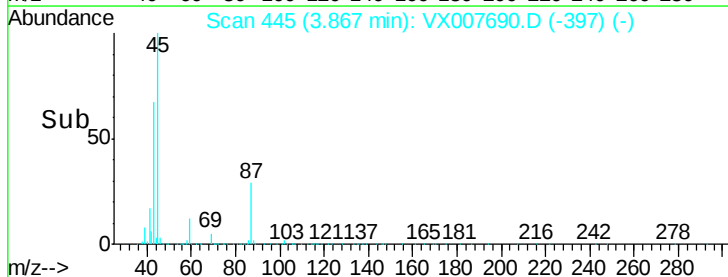
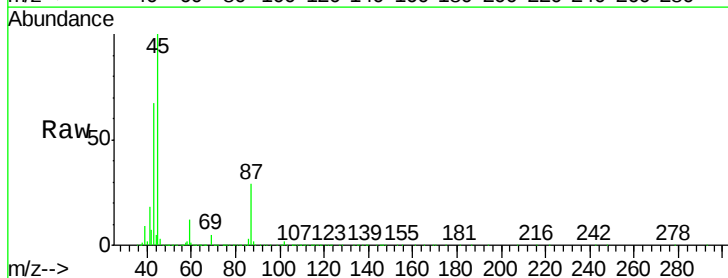
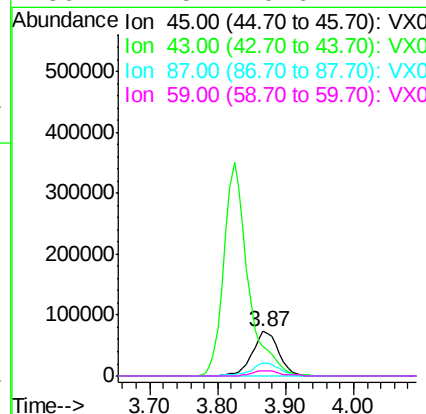
RT: 3.87 min Scan# 445

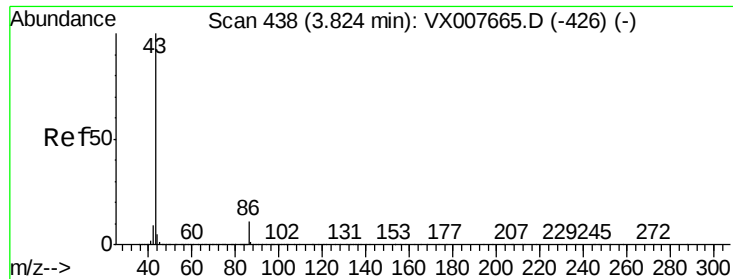
Delta R.T. -0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	45	Resp:	197857
Ion	Ratio	Lower	Upper
45	100		
43	66.4	48.9	73.3
87	28.9	23.9	35.9
59	11.5	9.6	14.4





#23

Vinyl Acetate

Concen: 116.427 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 43 Resp: 865856

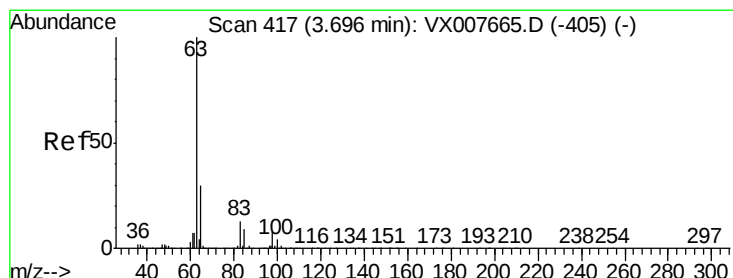
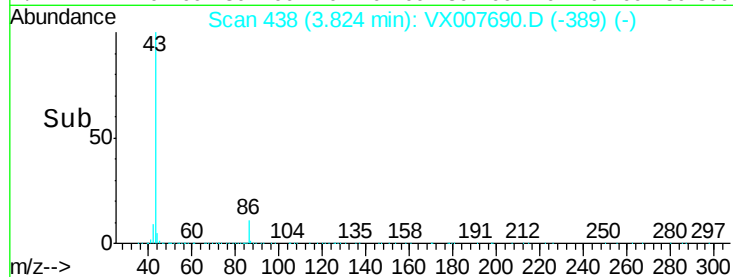
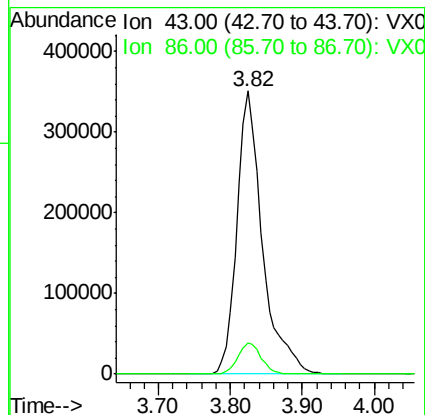
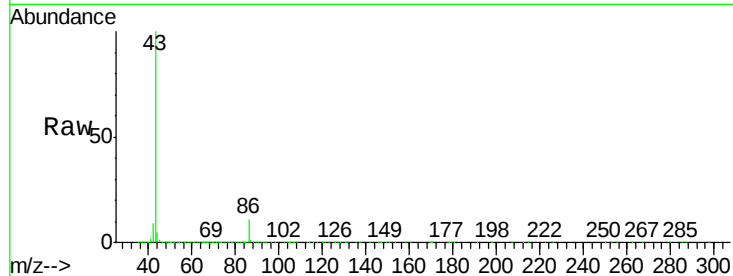
Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 22.807 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

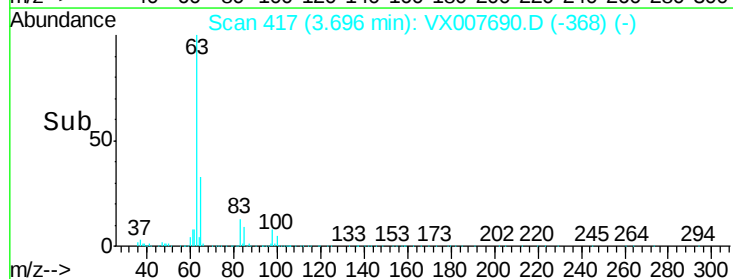
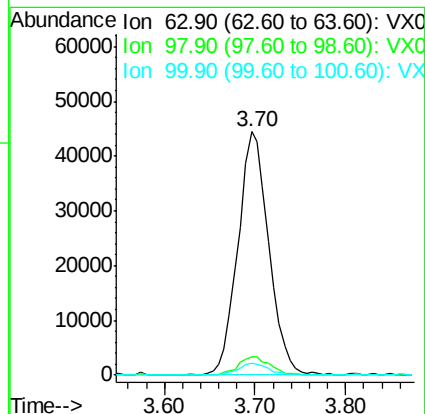
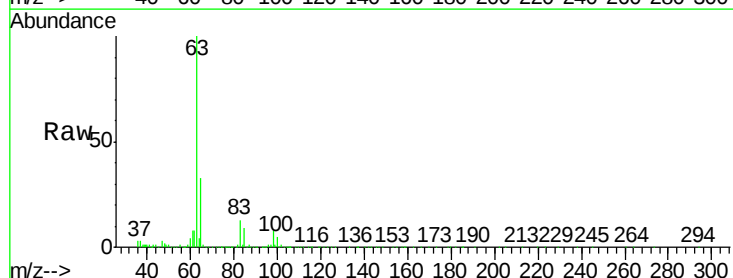
Tgt Ion: 63 Resp: 105067

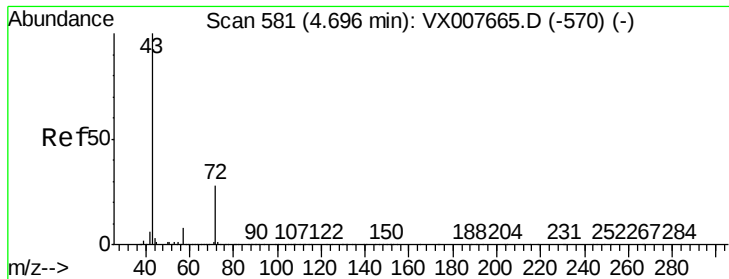
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 120.843 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 43 Resp: 255274

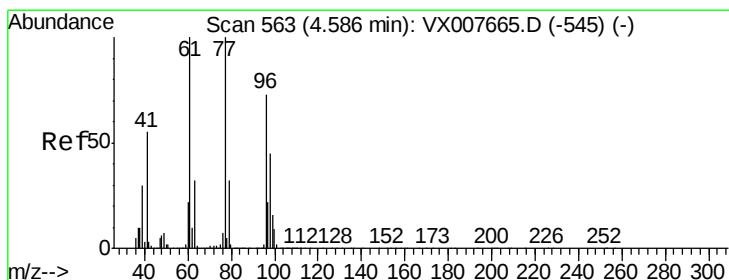
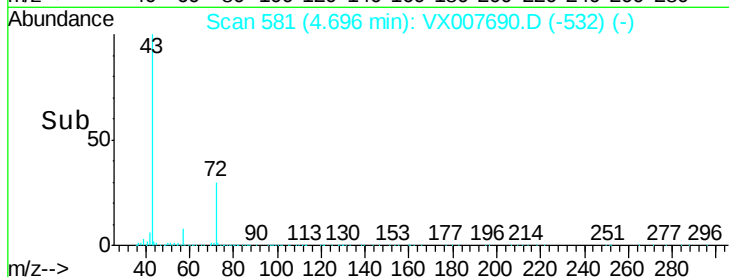
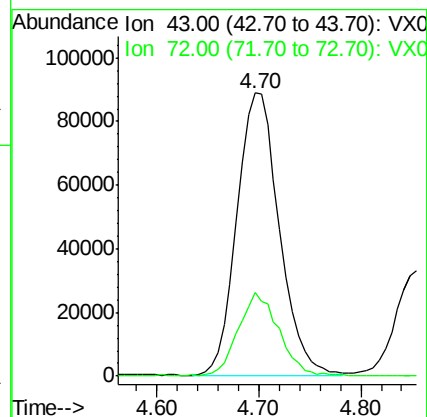
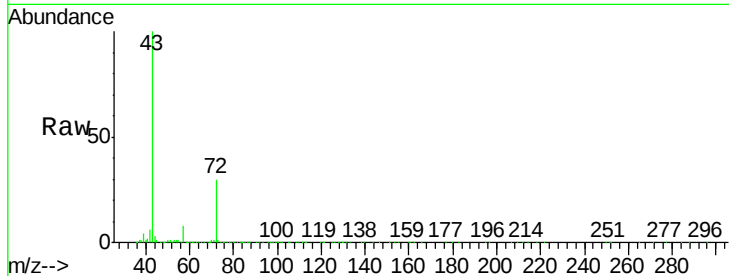
Ion Ratio Lower Upper

43 100

72 29.3 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 13.625 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007690.D

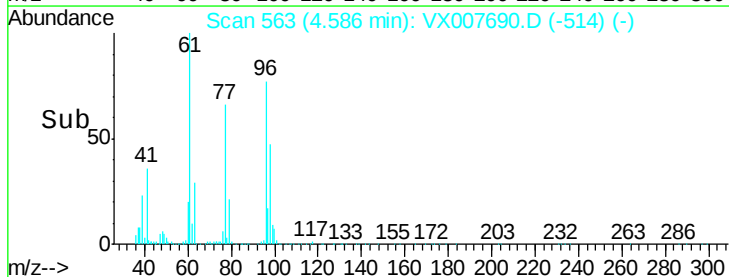
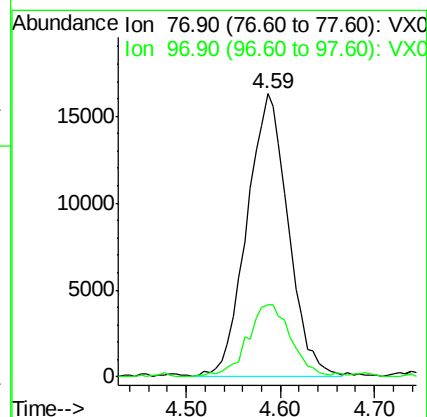
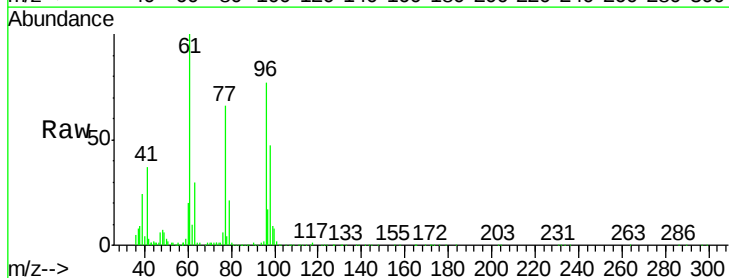
Acq: 26 Feb 2019 02:55

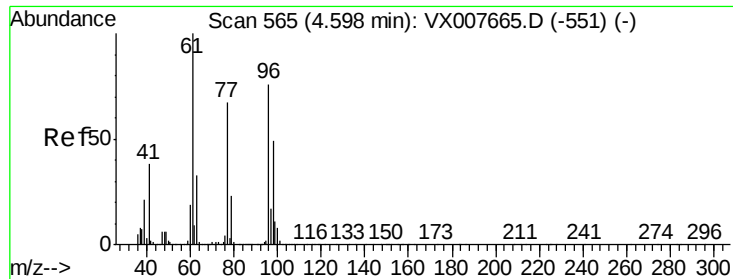
Tgt Ion: 77 Resp: 50102

Ion Ratio Lower Upper

77 100

97 27.0 12.1 36.3





#27

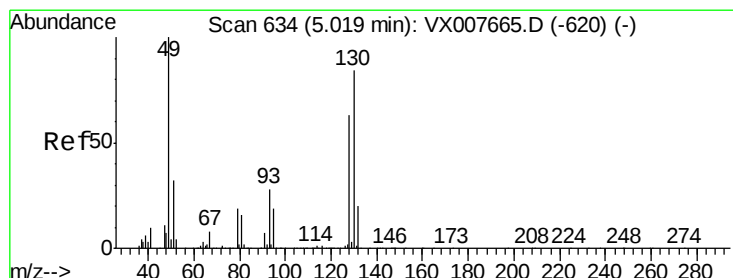
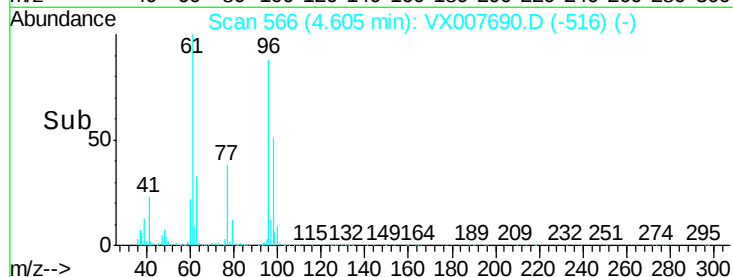
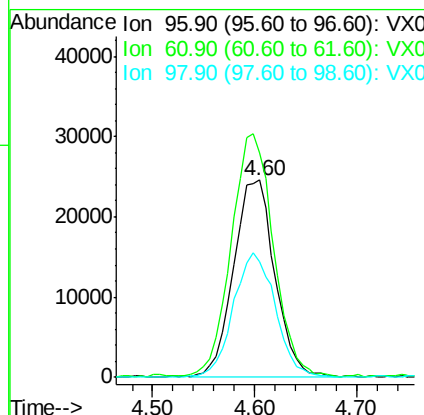
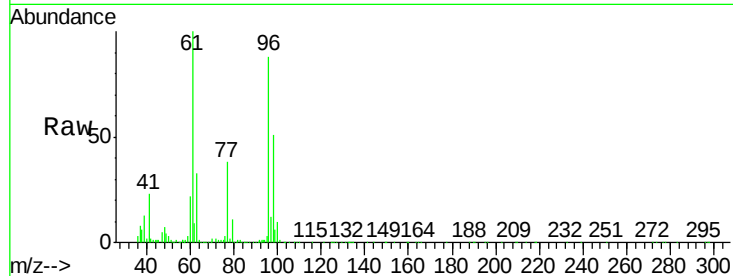
cis-1,2-Dichloroethene
Concen: 22.764 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69345		
61	125.0		0.0	265.6
98	64.1		0.0	131.6

Manual Integrations
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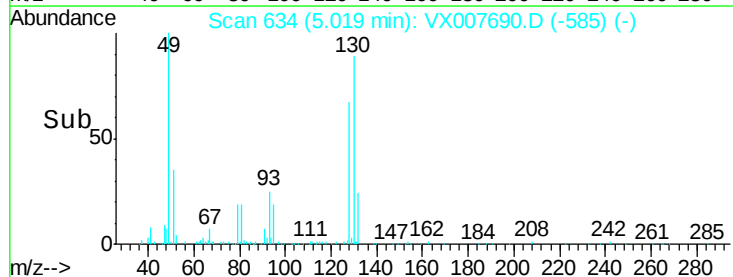
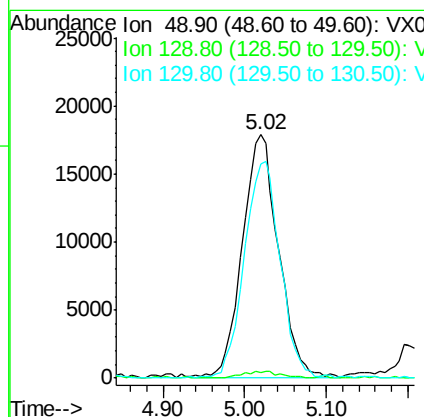
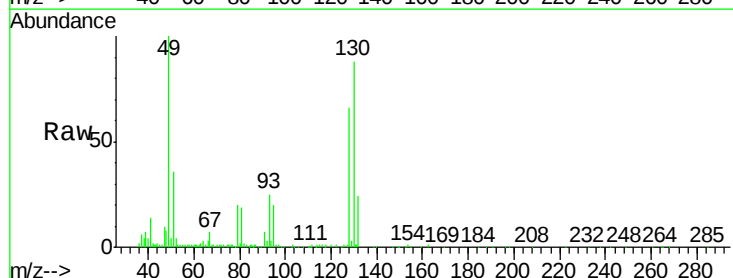
MMDadoda
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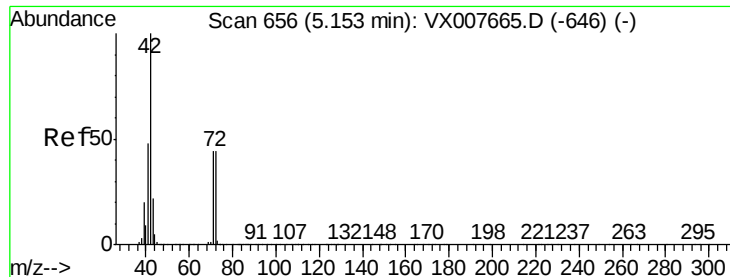


#28

Bromochloromethane
Concen: 24.660 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	55305		
129	3.0		0.0	5.6
130	88.1		75.6	113.4





#29

Tetrahydrofuran

Concen: 120.248 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

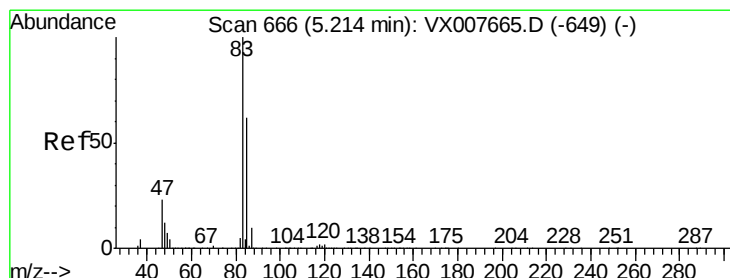
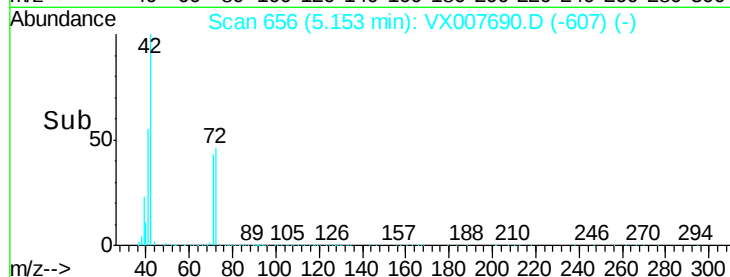
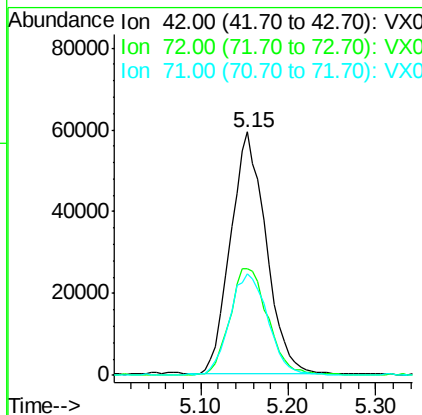
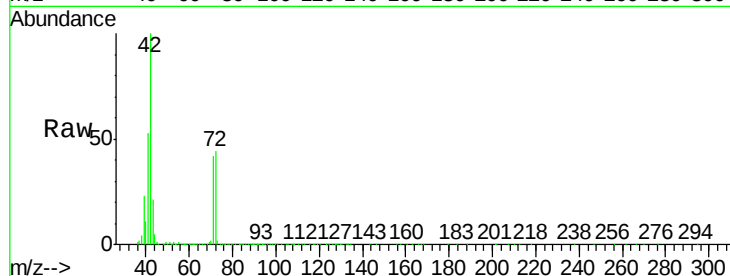
ClientSampleId :

VX0225WBSD02

Tot Ion:	42	Resp:	167442
Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.6	56.4
71	45.3	34.6	51.8

Manual Integrations
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#30

Chloroform

Concen: 22.645 ug/l

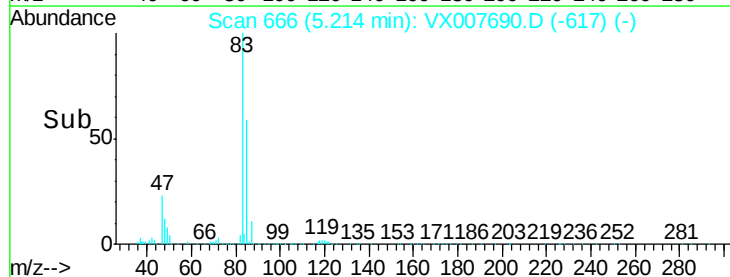
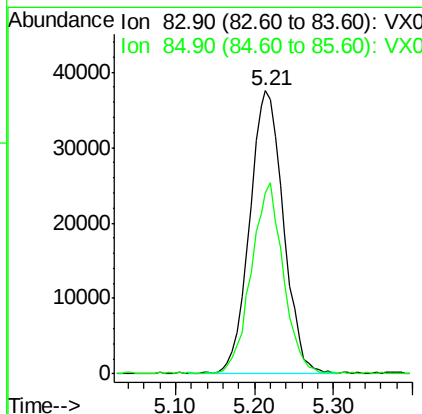
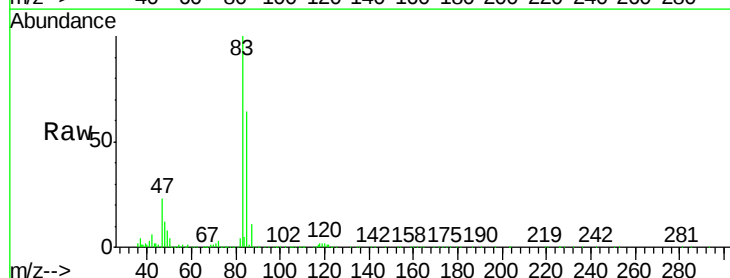
RT: 5.21 min Scan# 666

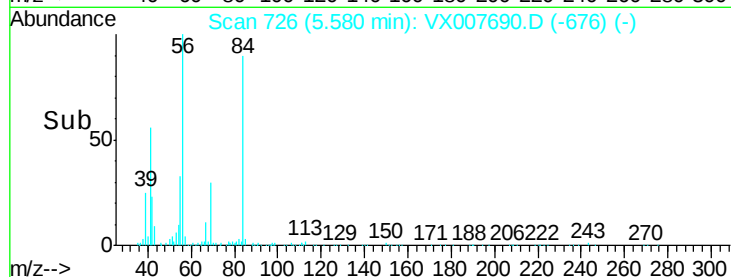
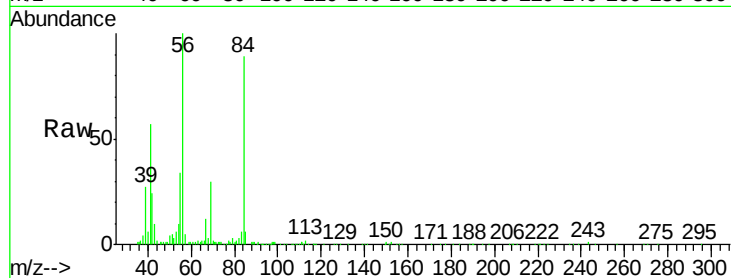
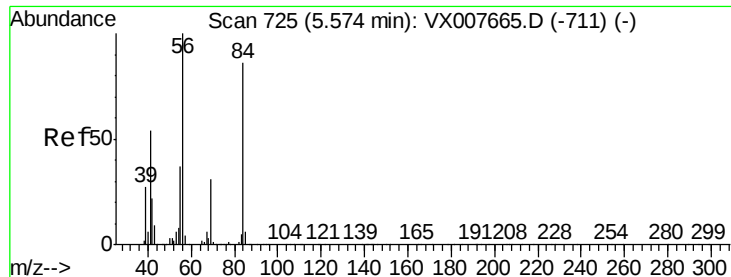
Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	83	Resp:	111746
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4





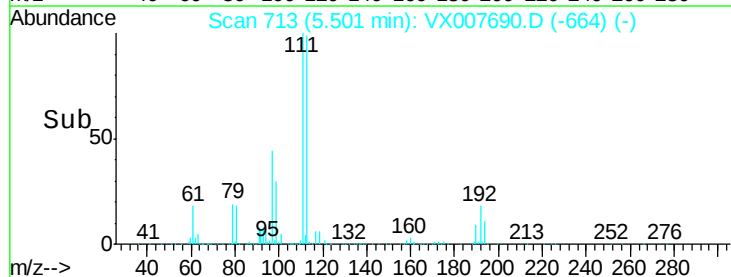
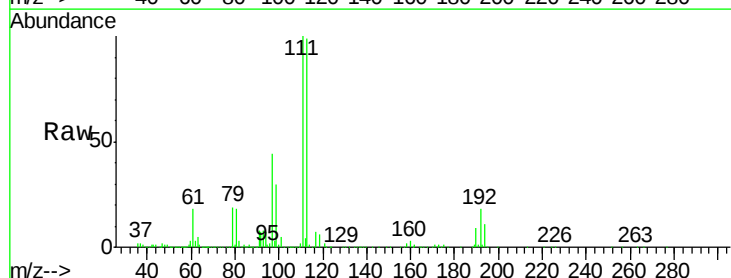
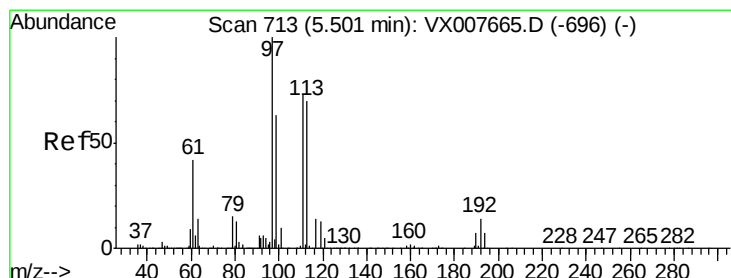
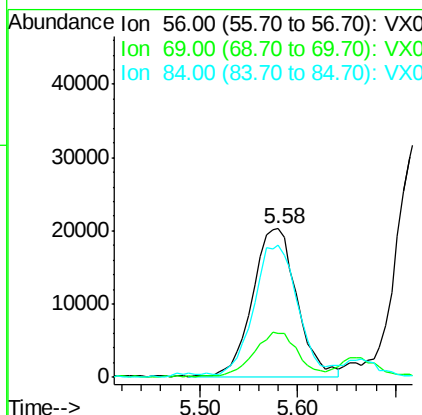
#31
Cyclohexane
Concen: 14.708 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.0	34.6
84	87.2	69.8	104.6

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

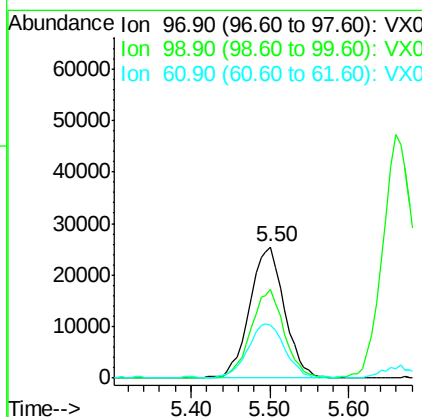
Manual Integrations
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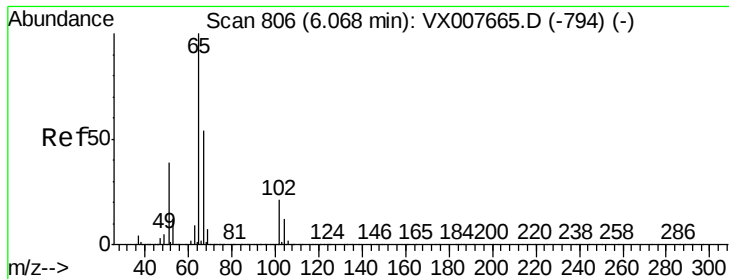
MMDadoda
2/26/2019 3:05:11 PM



#32
1,1,1-Trichloroethane
Concen: 19.112 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.2	78.2
61	44.0	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 60.550 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 65 Resp: 188823

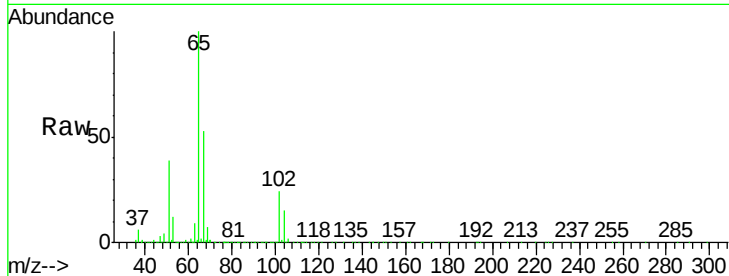
Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8

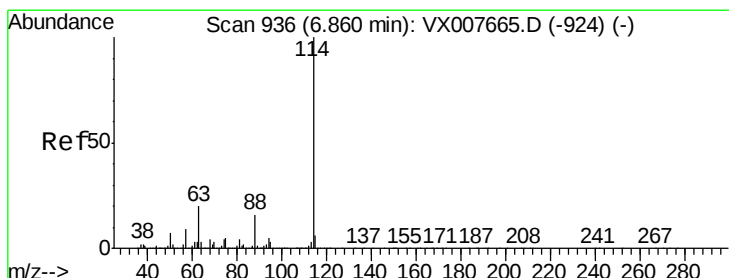
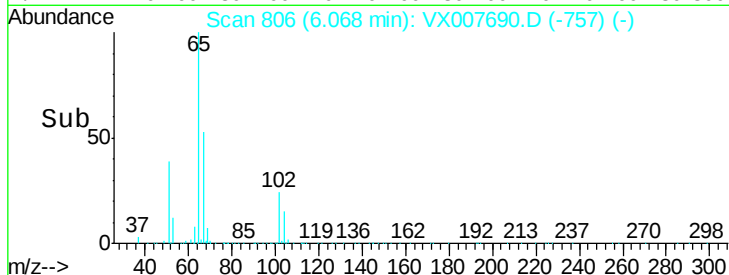
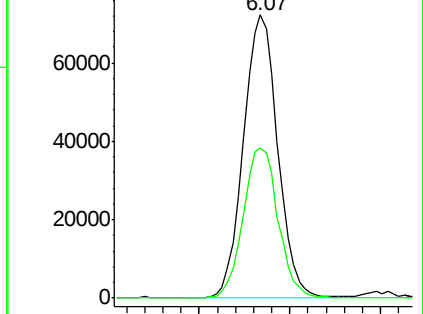
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

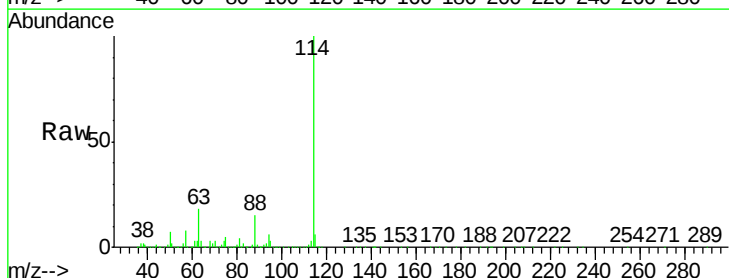
Tgt Ion: 114 Resp: 448938

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

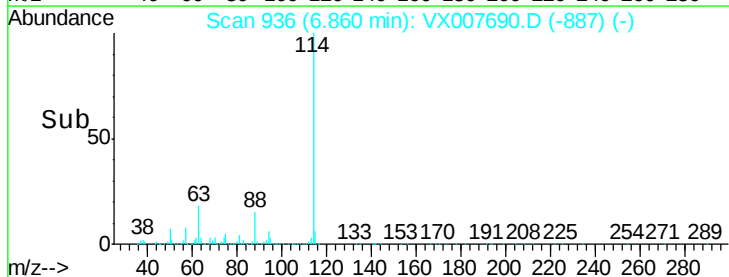
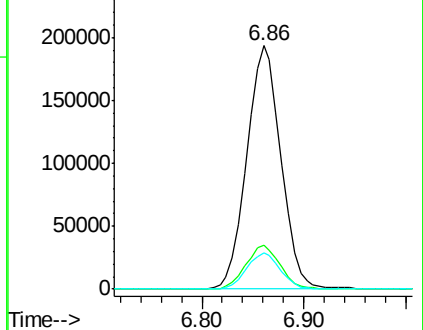
88 14.9 0.0 29.6

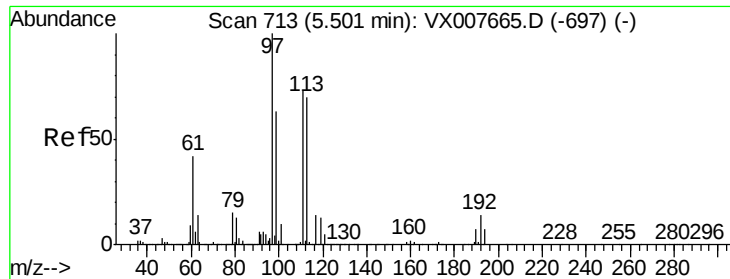


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.194 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

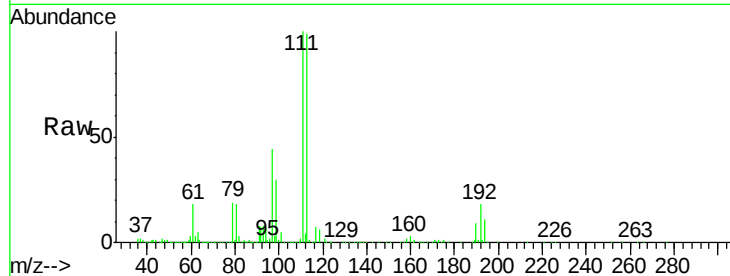
ClientSampleId :

VX0225WBSD02

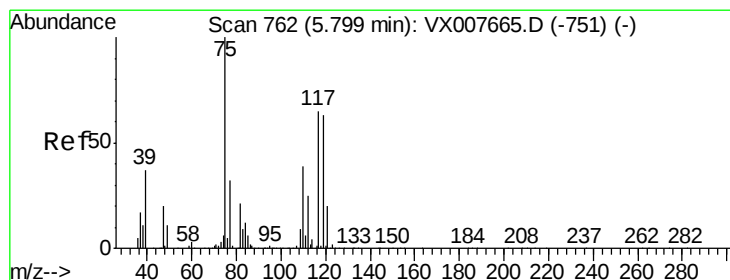
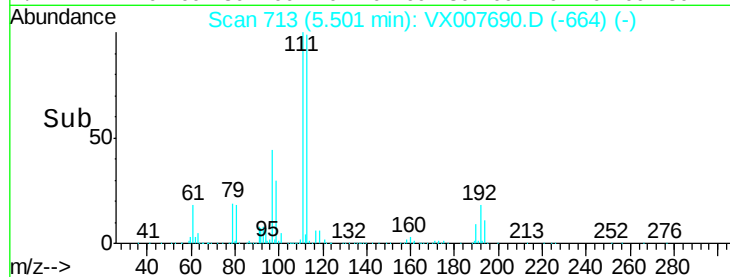
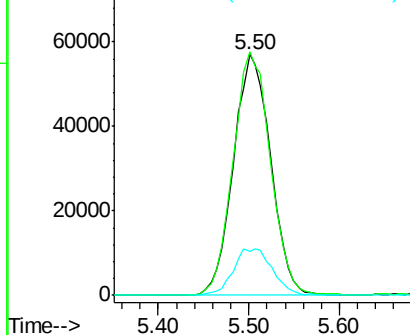
Tot Ion:	113	Resp:	162637
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.8	122.8
192	20.5	18.5	27.7

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.669 ug/l

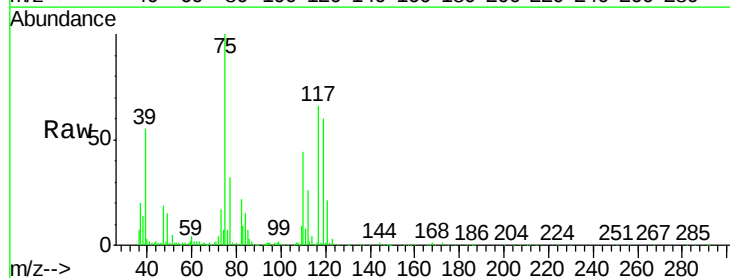
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

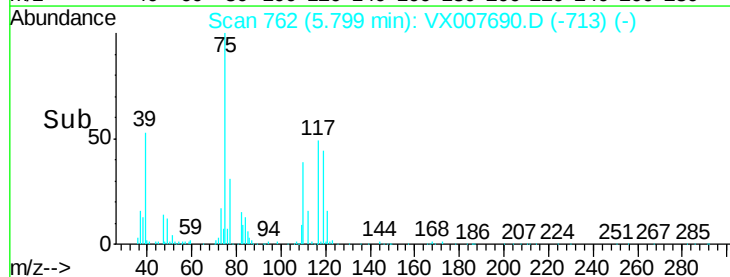
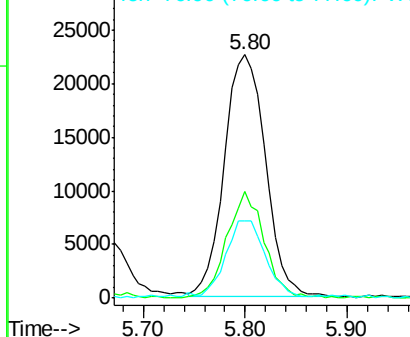
Lab File: VX007690.D

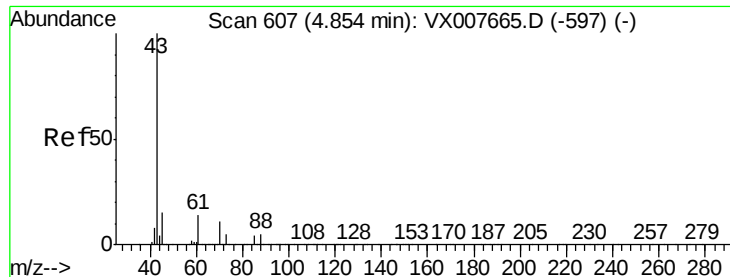
Acq: 26 Feb 2019 02:55

Tgt Ion:	75	Resp:	63241
Ion Ratio	Lower	Upper	
75	100		
110	39.9	20.0	59.9
77	30.9	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





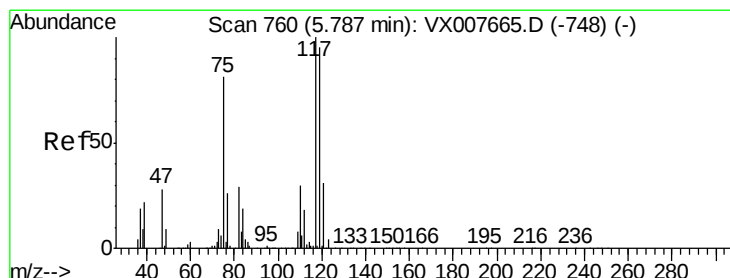
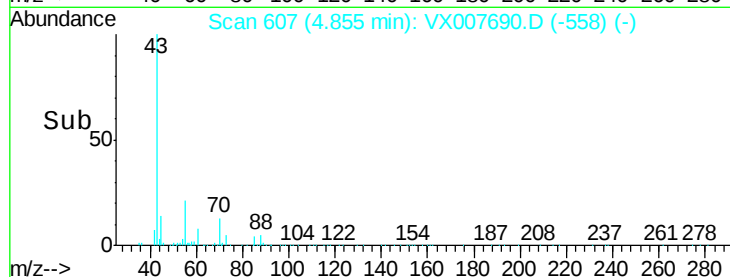
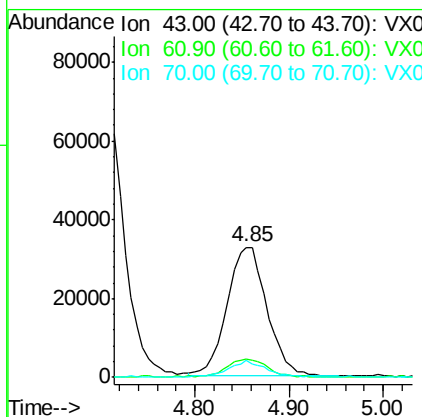
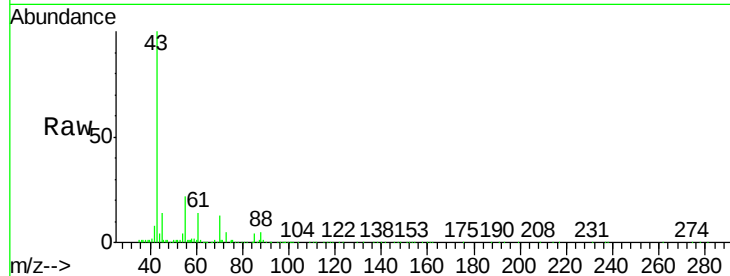
#37
Ethyl Acetate
Concen: 21.639 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	12.1	8.6	13.0

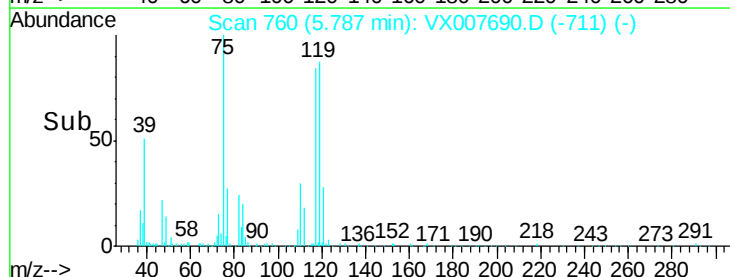
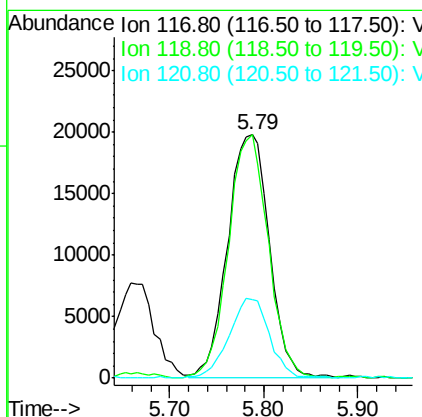
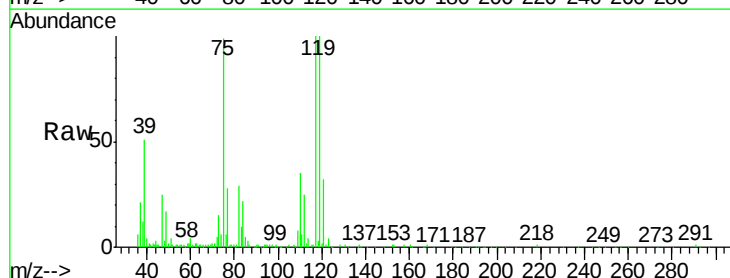
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 15.016 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	75.3	112.9
121	31.9	25.0	37.4





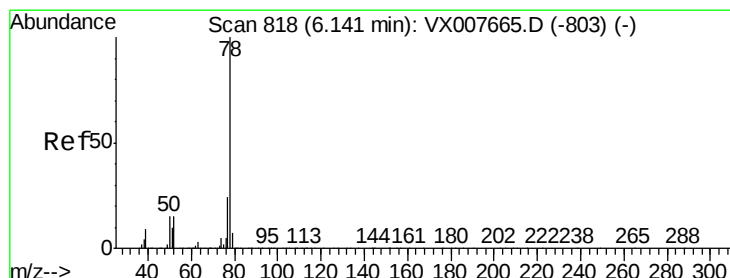
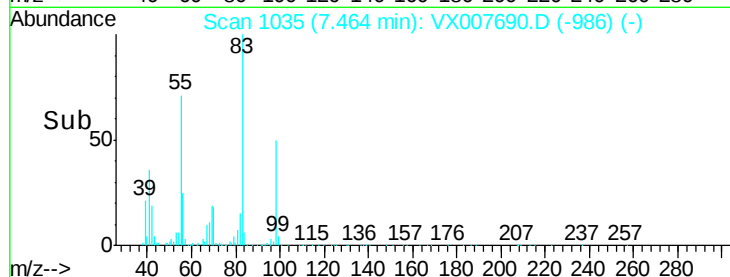
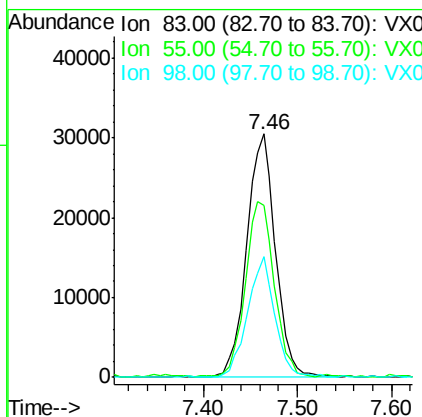
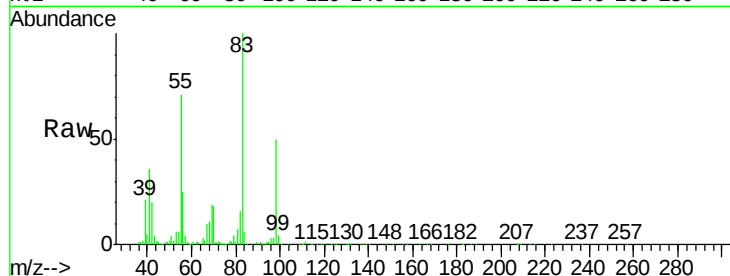
#39
Methvlcvclohexane
Concen: 12.811 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.2	56.2	84.2
98	49.3	36.8	55.2

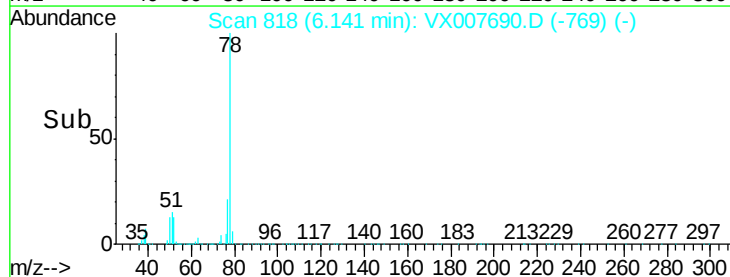
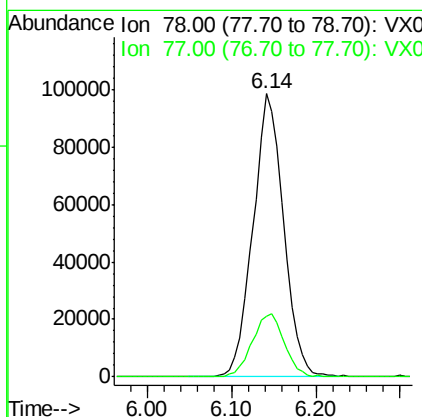
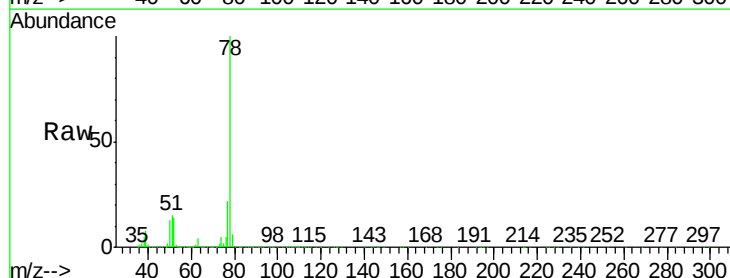
Manual Integrations
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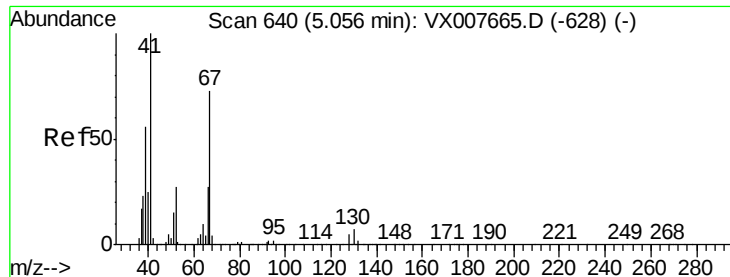
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#40
Benzene
Concen: 19.643 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.4	19.3	28.9





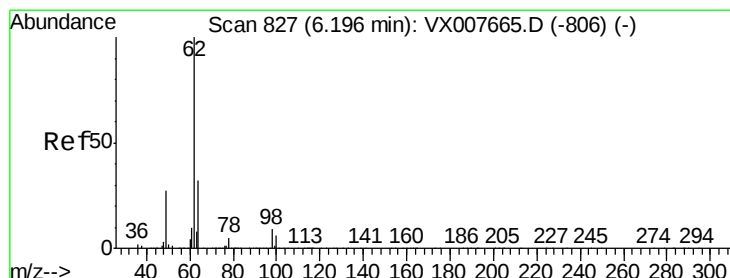
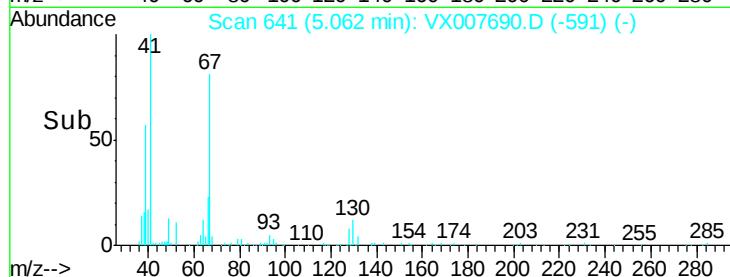
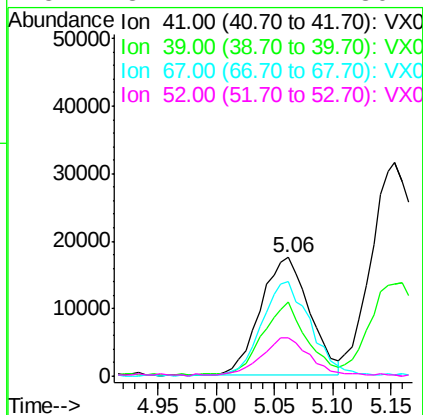
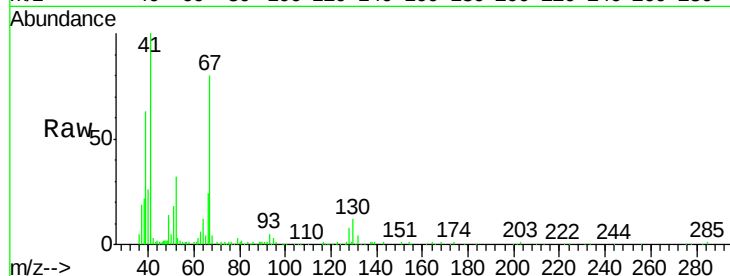
#41
Methacrylonitrile
Concen: 21.342 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.5	66.7
67	78.0	60.4	90.6
52	31.2	24.1	36.1

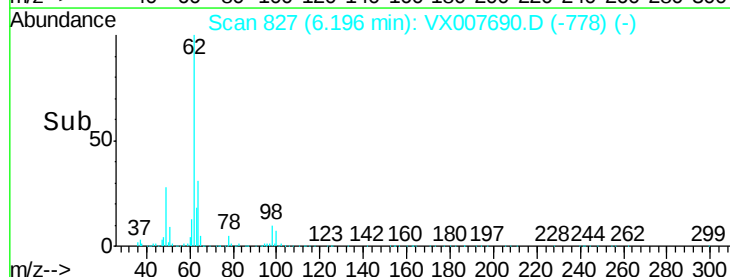
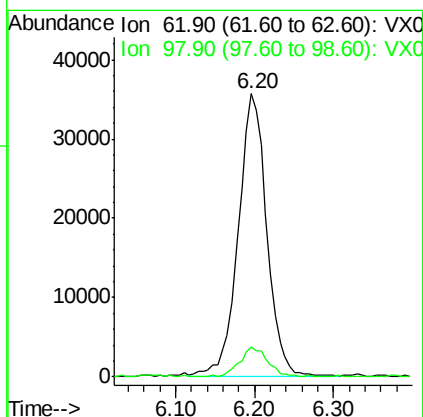
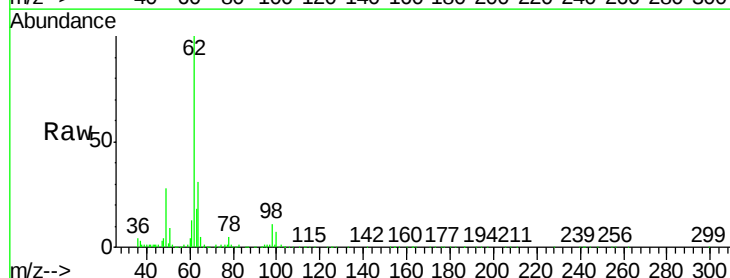
Manual Integrations
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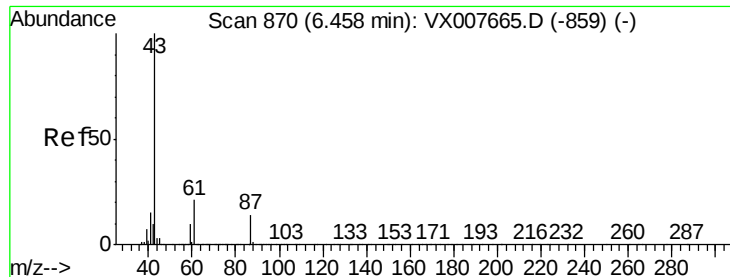
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.191 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.0





#43

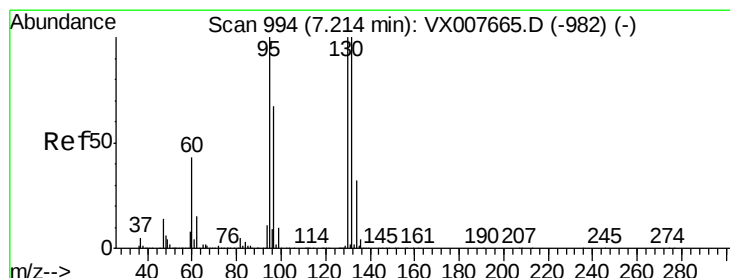
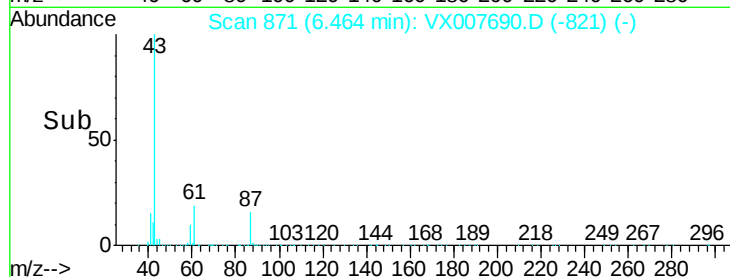
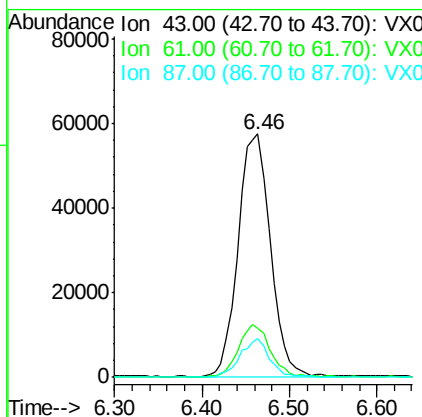
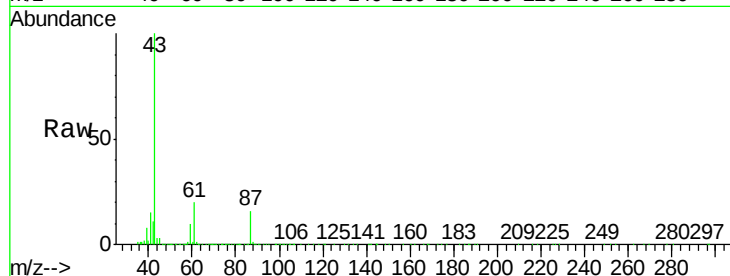
Isopropyl Acetate
 Concen: 21.409 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.1	24.1
87	14.3	11.5	17.3

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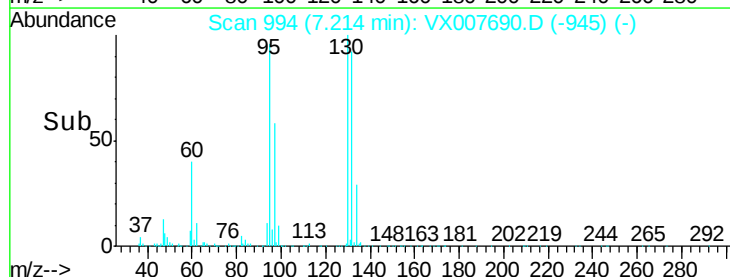
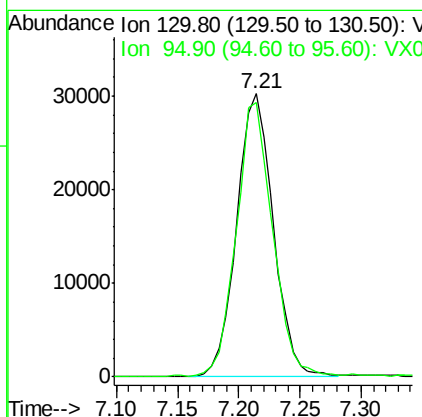
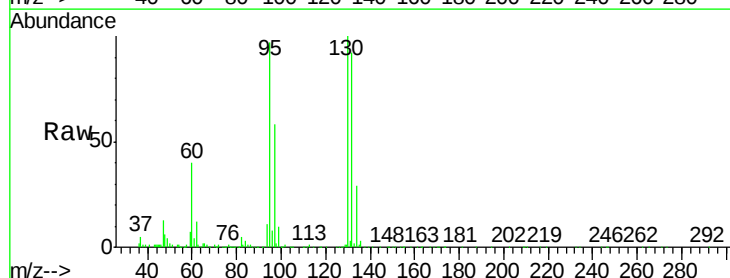
MMDadoda
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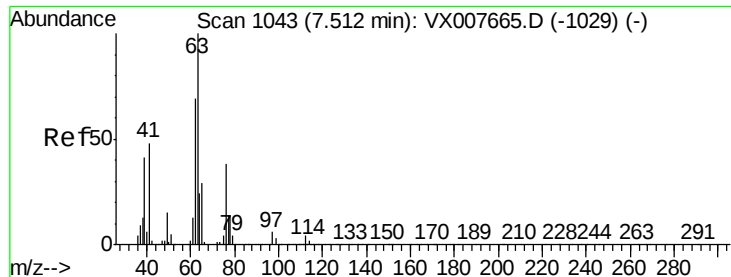


#44

Trichloroethene
 Concen: 18.349 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.819 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 63 Resp: 63965

Ion Ratio Lower Upper

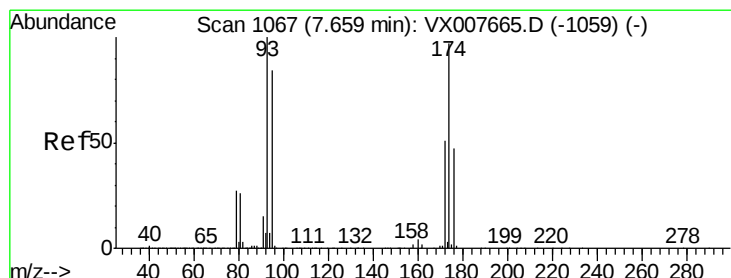
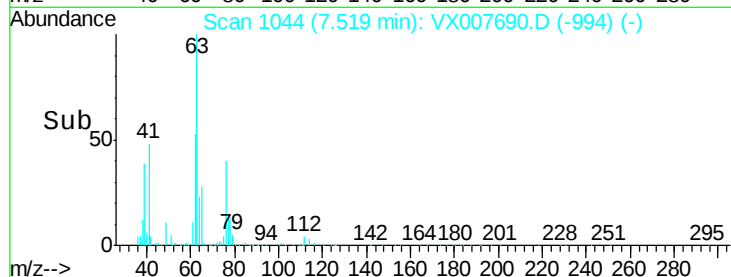
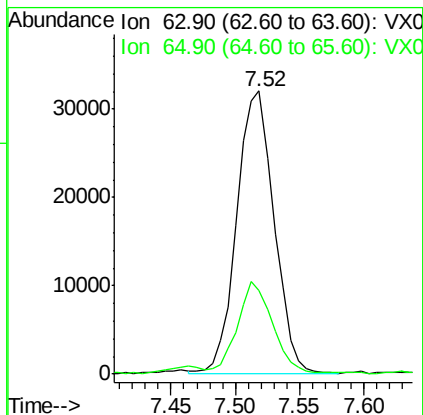
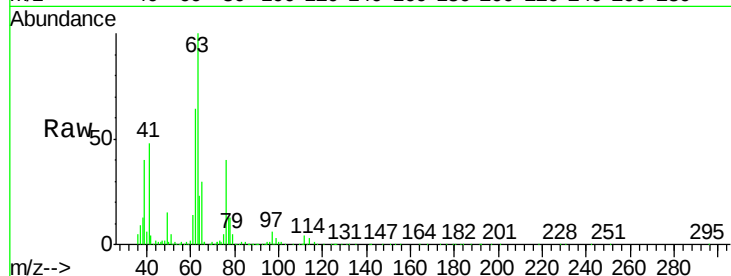
63 100

65 29.4 24.2 36.2

Manual Integrations
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#46

Dibromomethane

Concen: 20.503 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

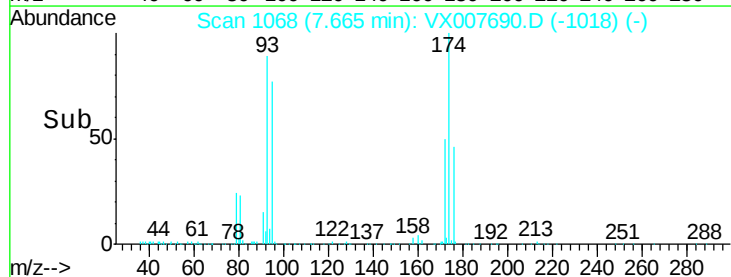
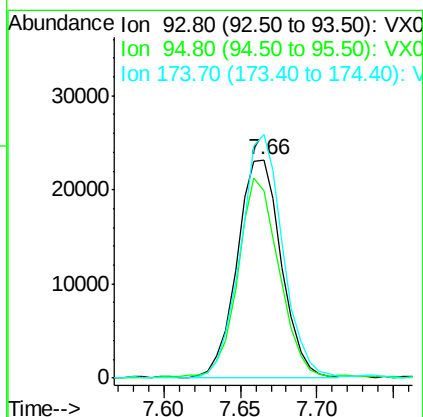
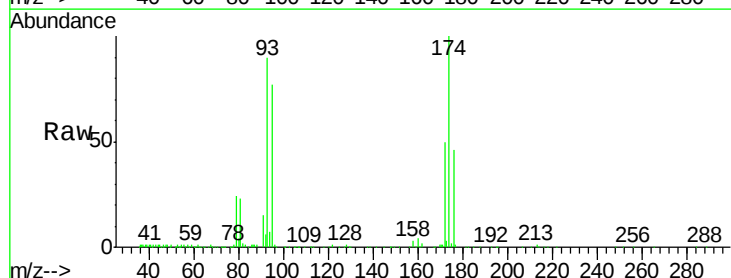
Tgt Ion: 93 Resp: 46165

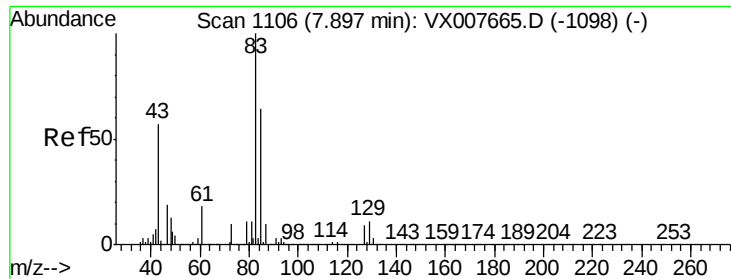
Ion Ratio Lower Upper

93 100

95 87.2 67.6 101.4

174 107.8 94.2 141.4





#47

Bromodichloromethane

Concen: 20.394 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

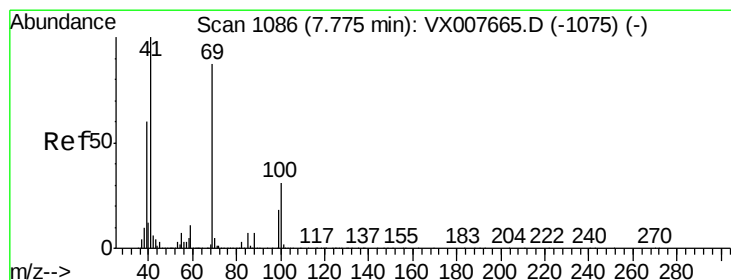
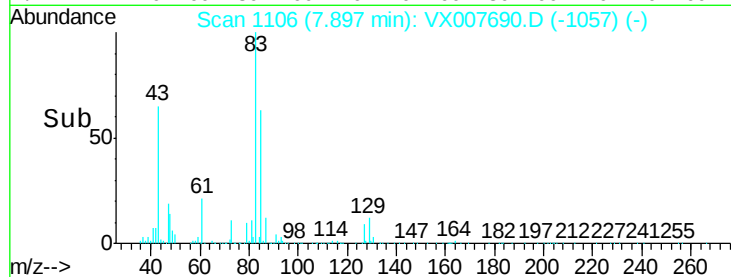
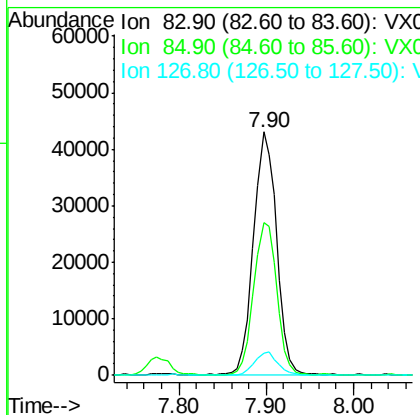
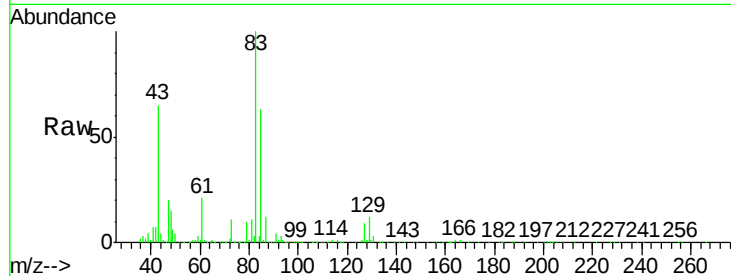
ClientSampleId :

VX0225WBSD02

Tot Ion:	83	Resp:	79575
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.4	77.0
127	8.9	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.602 ug/l

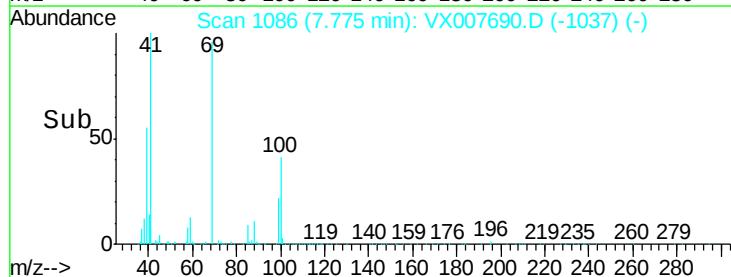
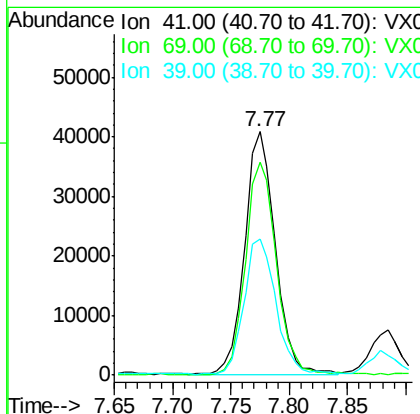
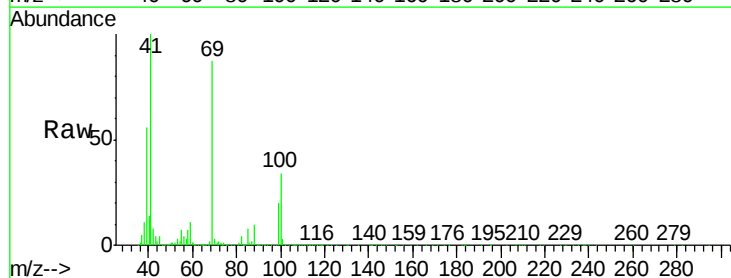
RT: 7.77 min Scan# 1086

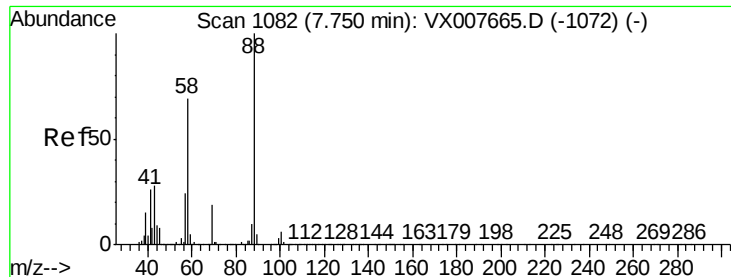
Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	41	Resp:	74518
Ion Ratio	Lower	Upper	
41	100		
69	89.9	70.2	105.4
39	58.5	47.4	71.0





#49

1,4-Dioxane

Concen: 453.908 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

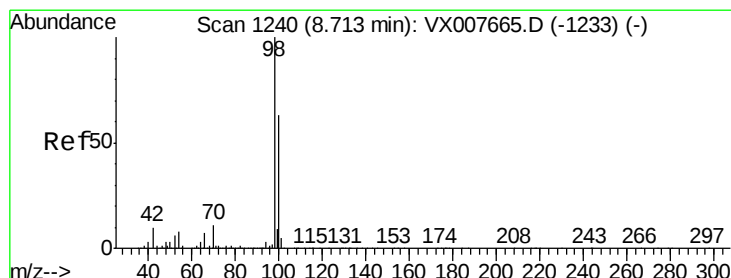
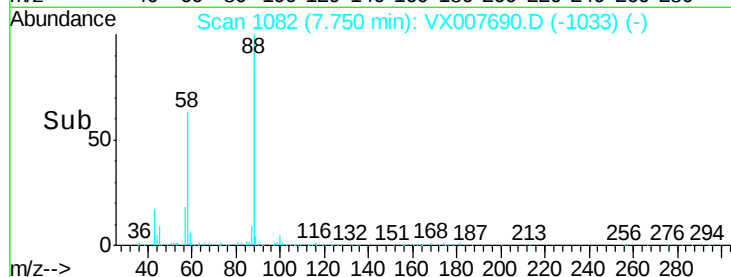
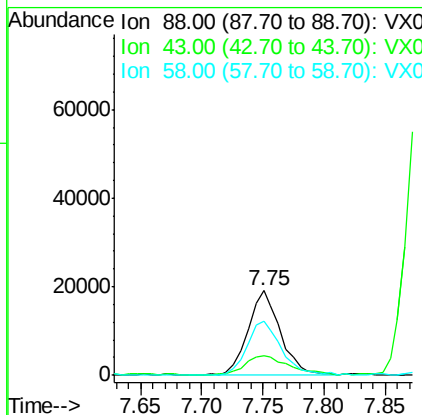
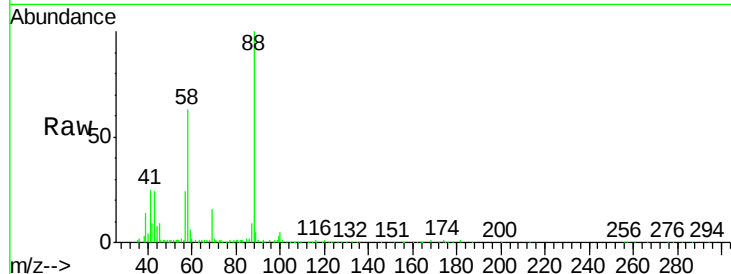
ClientSampleId :

VX0225WBSD02

Tot Ion:	88	Resp:	35460
Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.2	36.4
58	66.1	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 47.983 ug/l

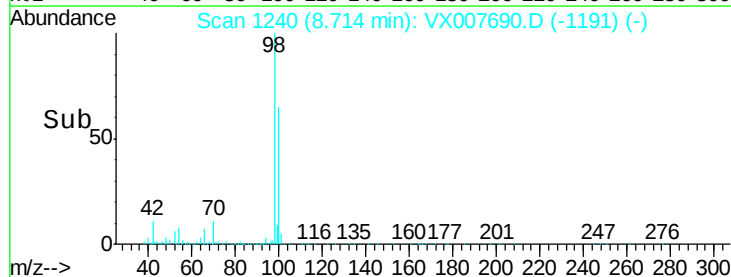
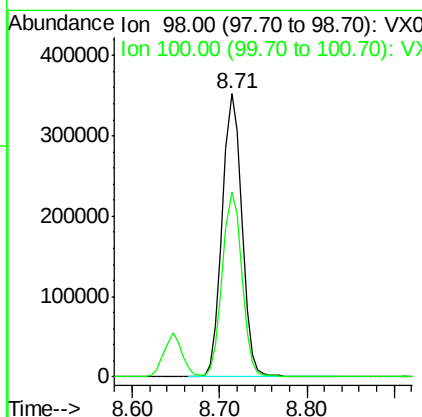
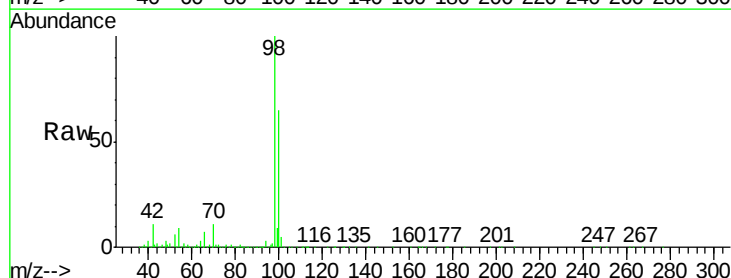
RT: 8.71 min Scan# 1240

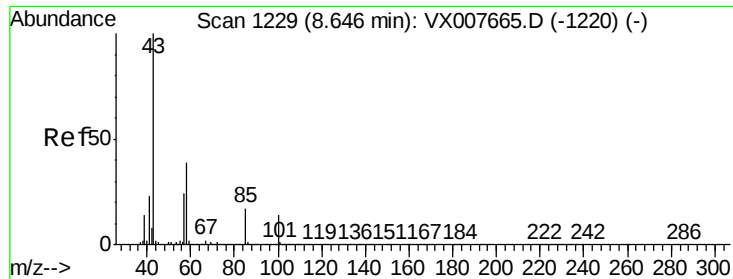
Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	98	Resp:	551277
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.6	77.4





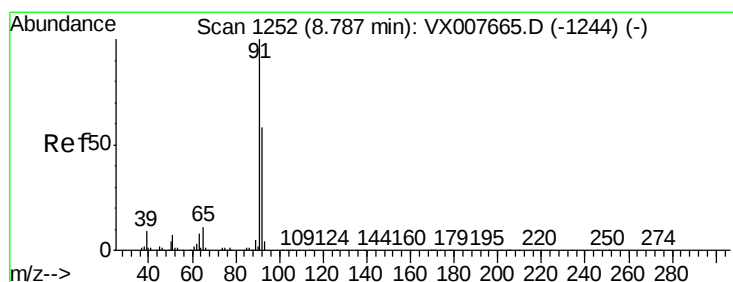
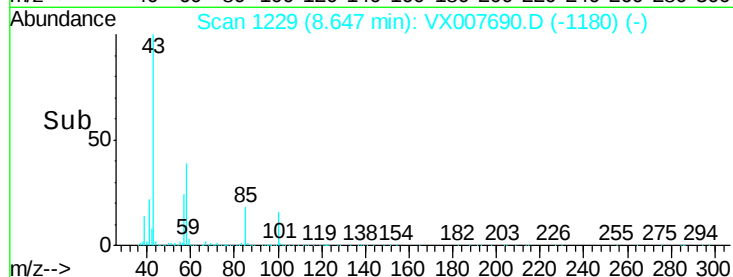
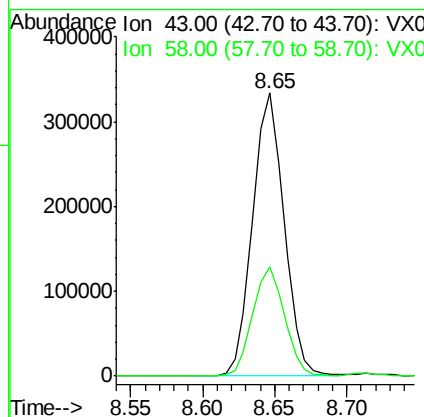
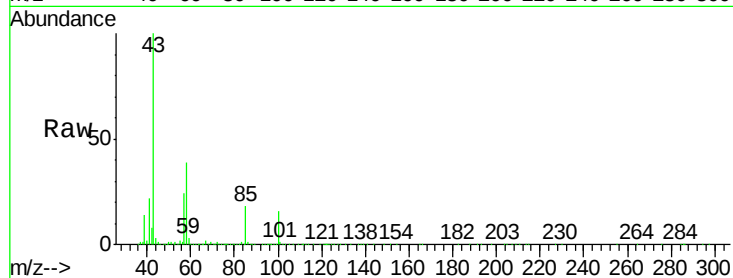
#51
4-Methyl-2-Pentanone
Concen: 109.103 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.2	46.8

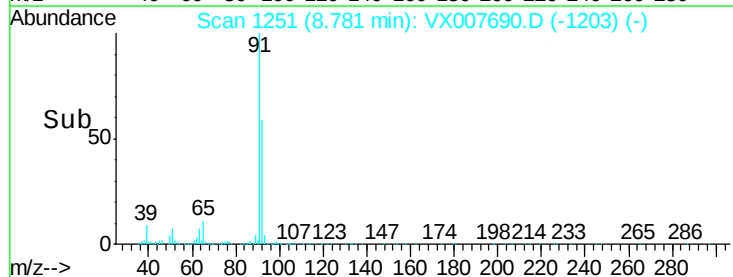
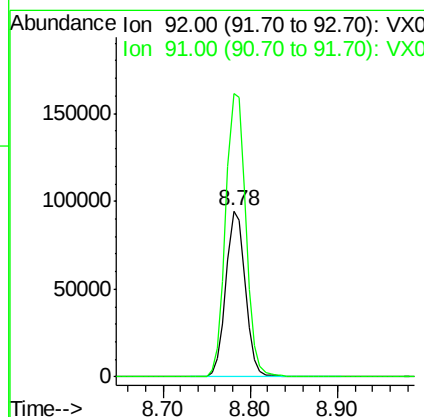
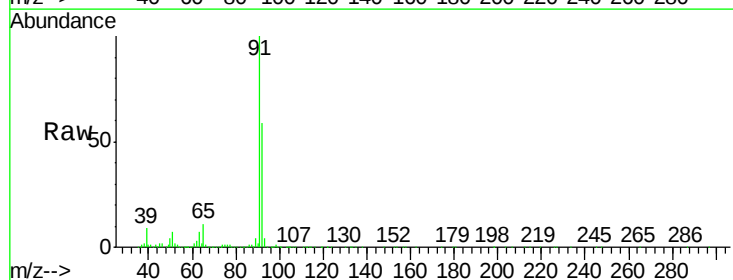
Manual Integrations
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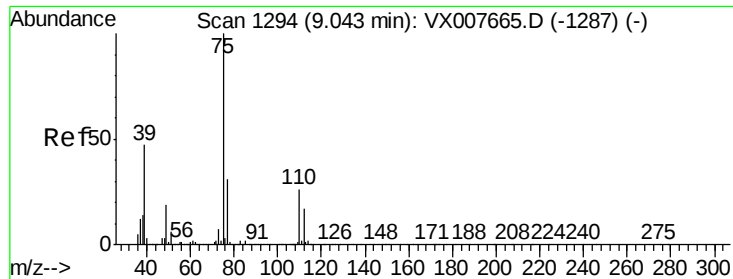
MMDadoda
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#52
Toluene
Concen: 18.586 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.0	139.1	208.7





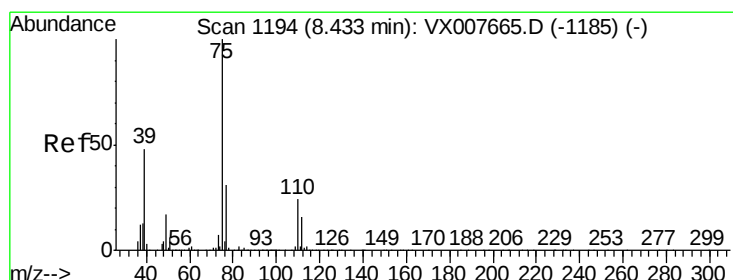
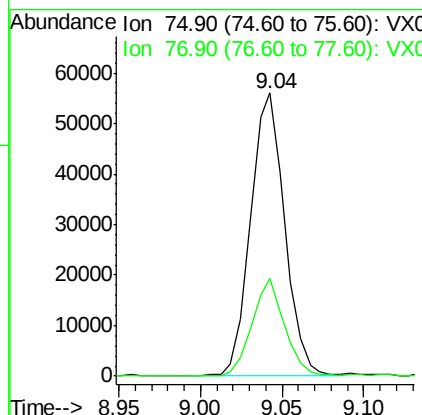
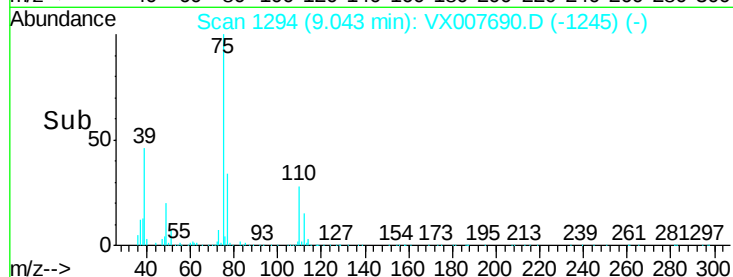
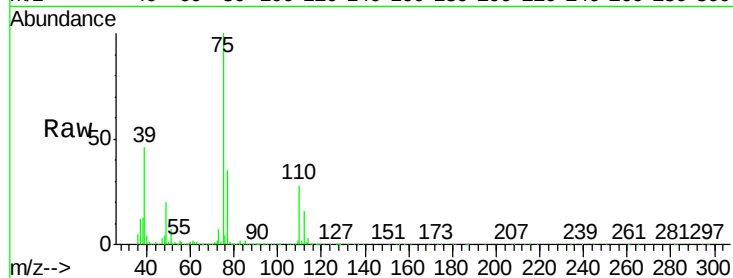
#53
t-1,3-Dichloropropene
Concen: 18.736 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.2	37.8

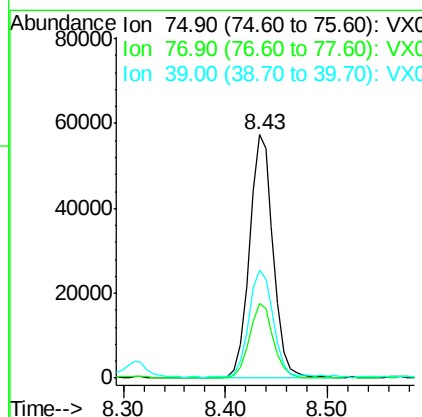
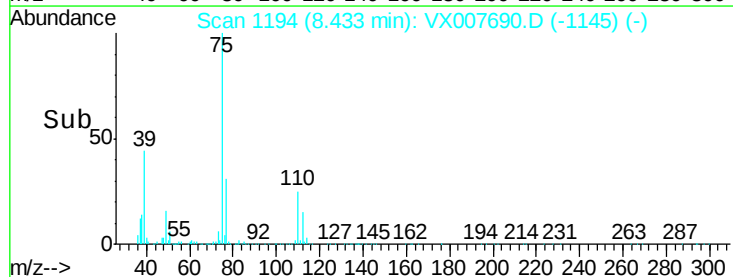
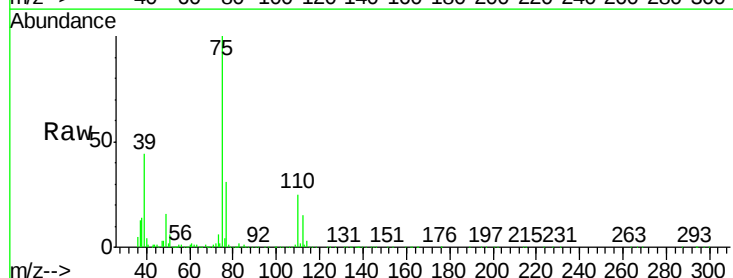
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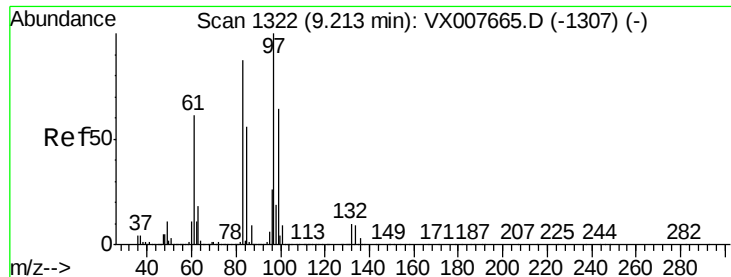
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#54
cis-1,3-Dichloropropene
Concen: 19.531 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.2	39.4
39	43.6	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 21.876 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

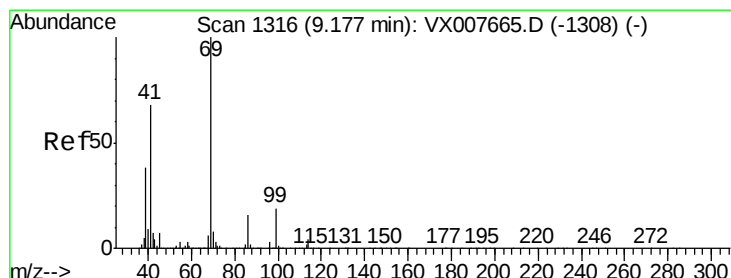
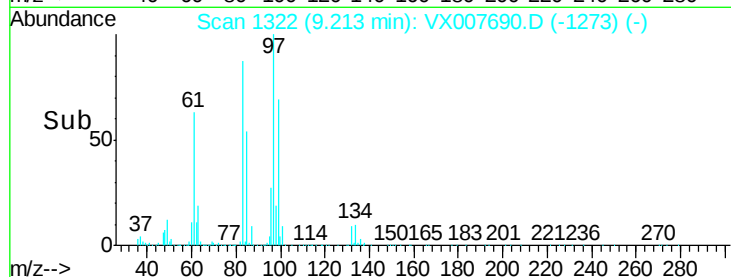
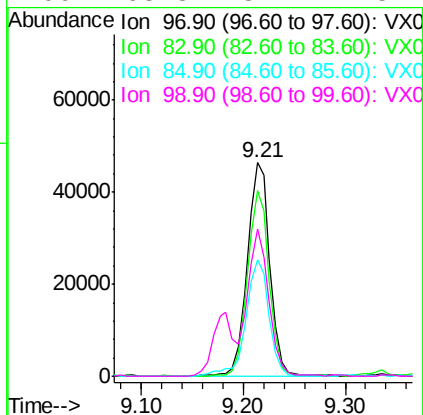
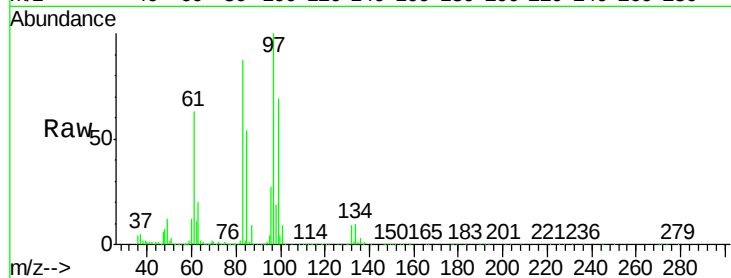
ClientSampleId :

VX0225WBSD02

Tot Ion:	97	Resp:	71670
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.6	102.8
85	54.1	44.5	66.7
99	68.8	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 21.464 ug/l

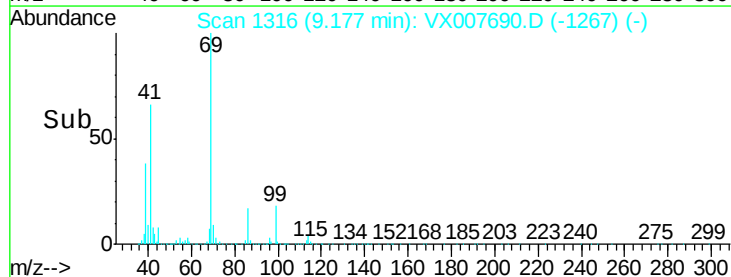
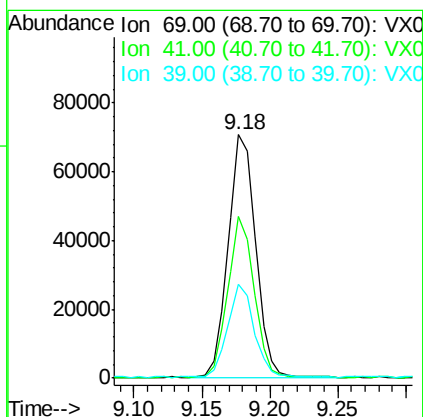
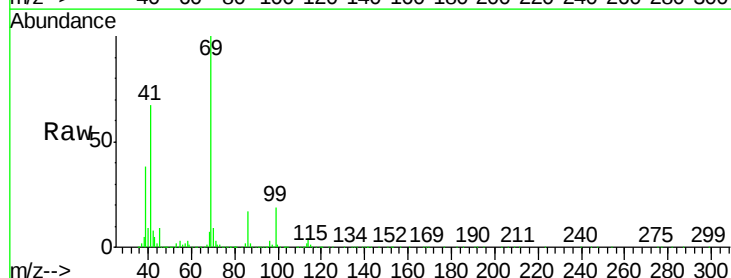
RT: 9.18 min Scan# 1316

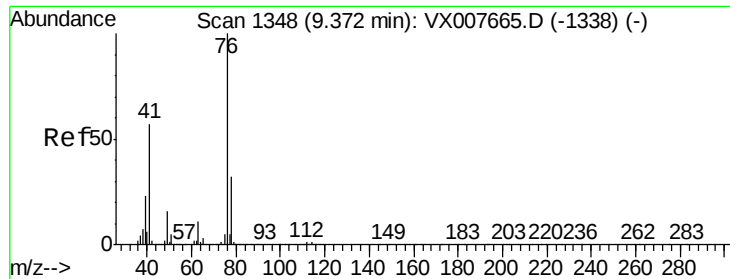
Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	69	Resp:	100003
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.1	78.1
39	36.5	30.1	45.1





#57

1,3-Dichloropropane

Concen: 21.554 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 76 Resp: 113041

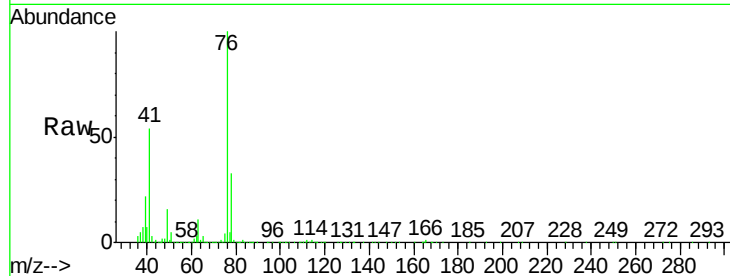
Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8

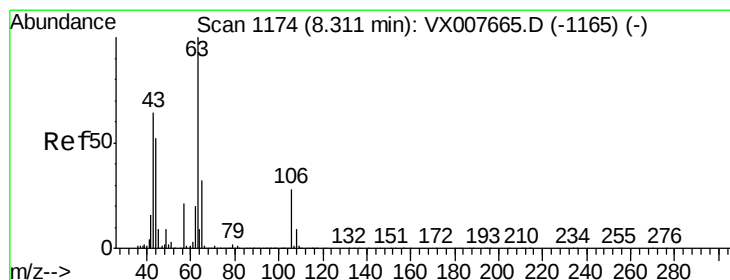
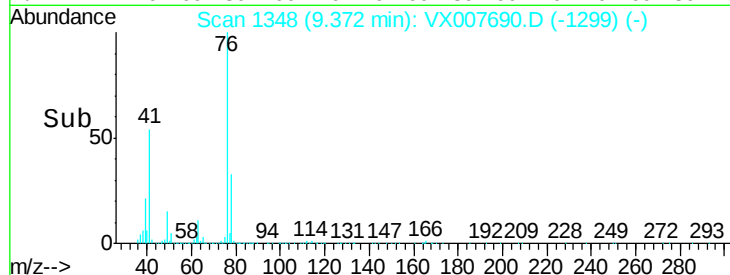
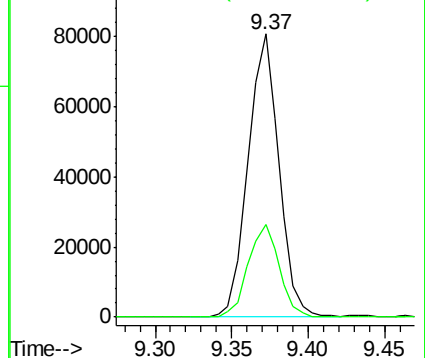
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.709 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007690.D

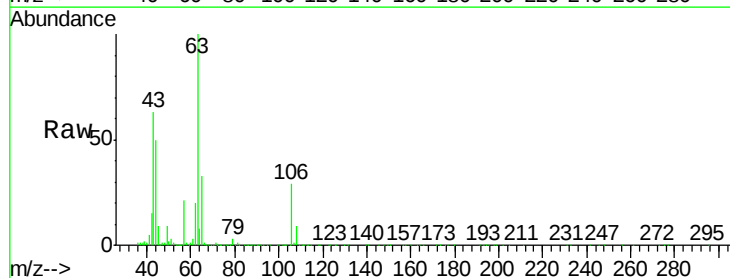
Acq: 26 Feb 2019 02:55

Tgt Ion: 63 Resp: 266452

Ion Ratio Lower Upper

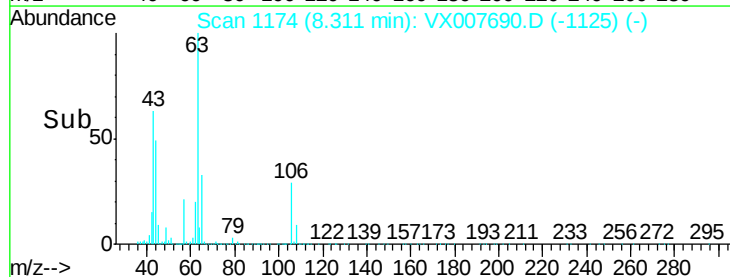
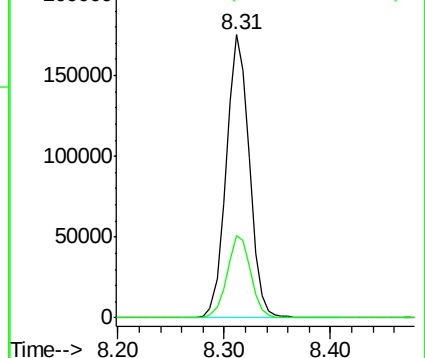
63 100

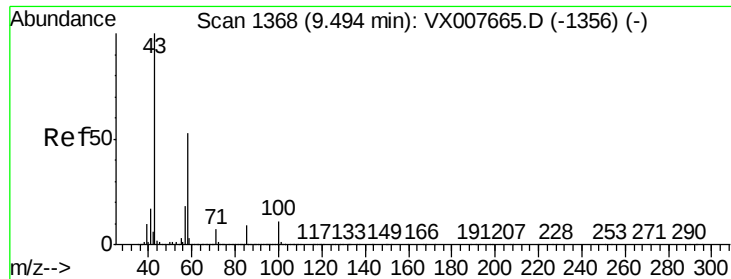
106 29.8 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





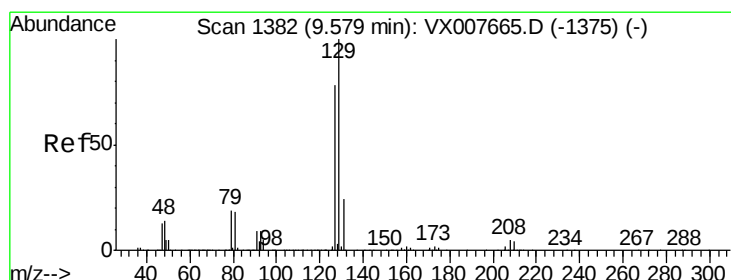
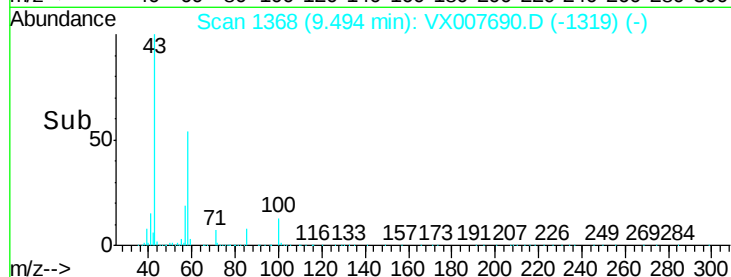
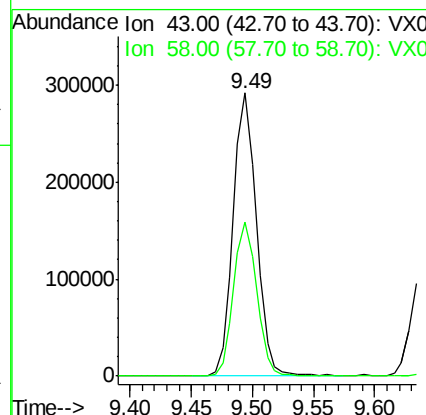
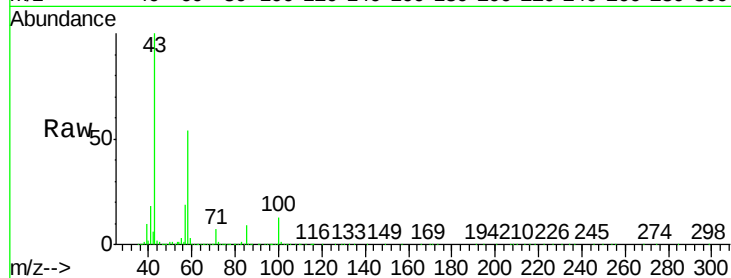
#59
2-Hexanone
Concen: 105.534 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion: 43 Resp: 382693
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3

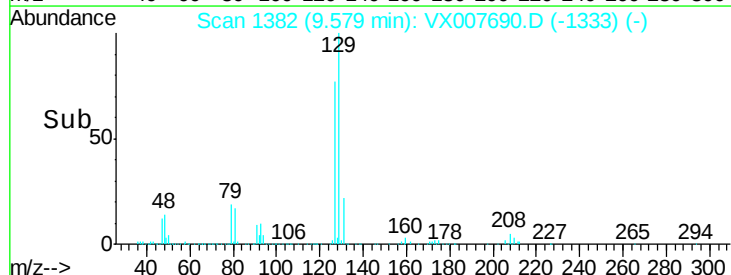
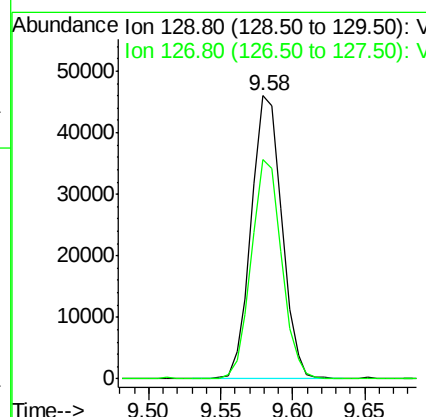
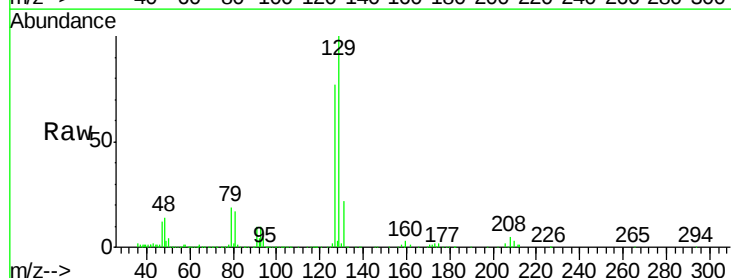
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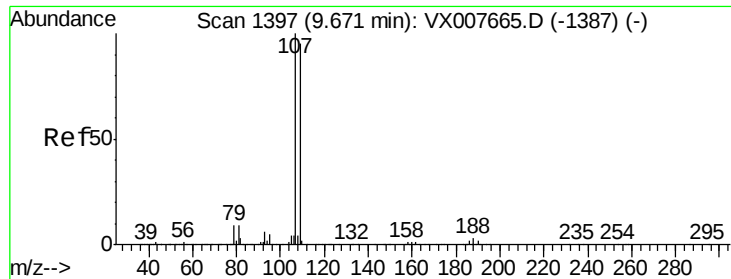
MMDadoda
2/26/2019 3:05:11 PM



#60
Dibromochloromethane
Concen: 21.447 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion: 129 Resp: 67612
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 22.238 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion:107 Resp: 75645

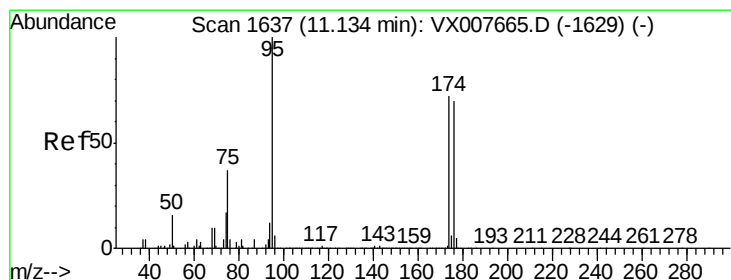
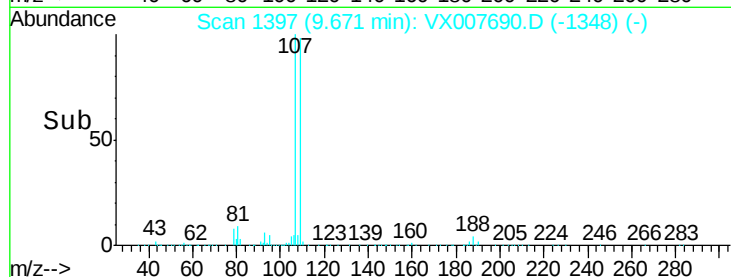
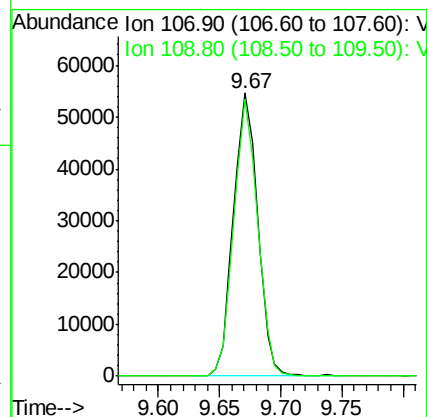
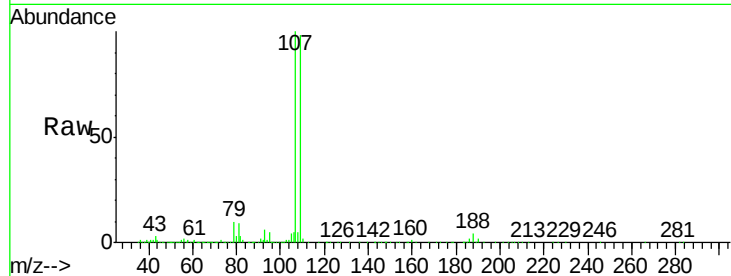
Ion Ratio Lower Upper

107 100

109 95.8 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 47.626 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

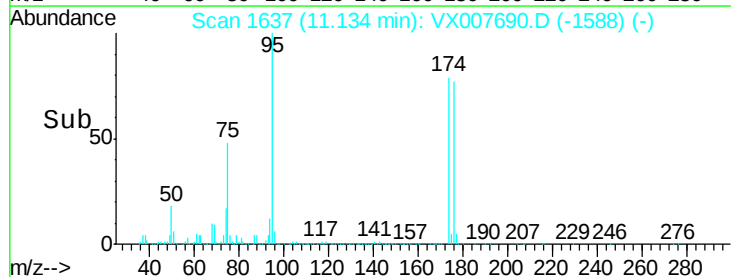
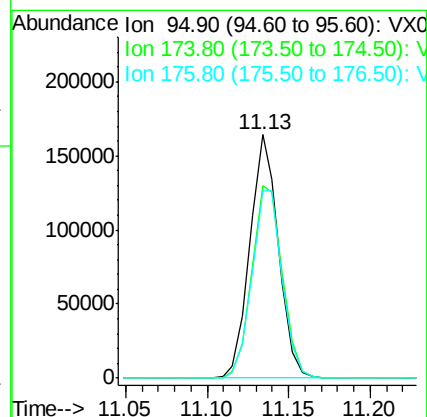
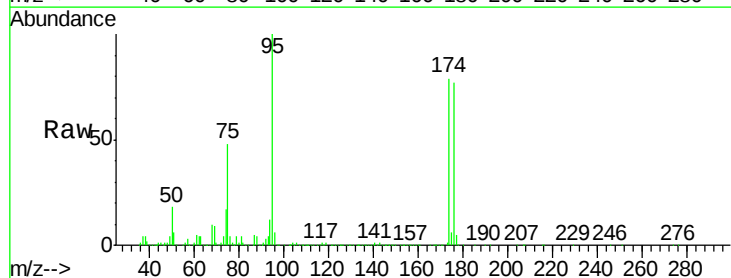
Tgt Ion: 95 Resp: 200833

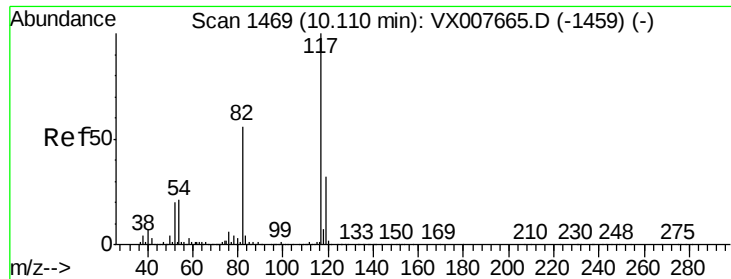
Ion Ratio Lower Upper

95 100

174 84.6 0.0 189.2

176 82.1 0.0 186.2





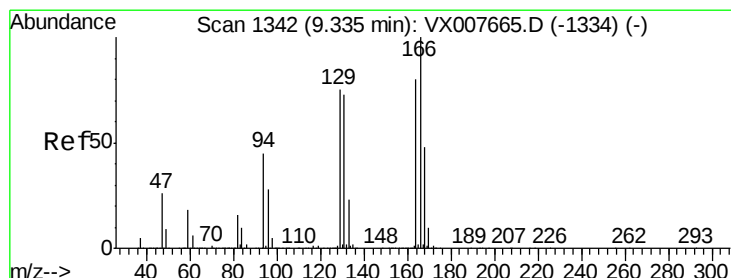
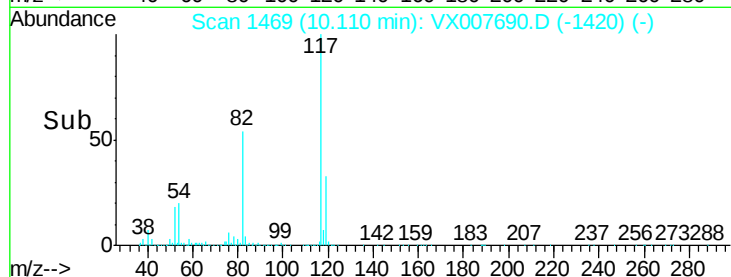
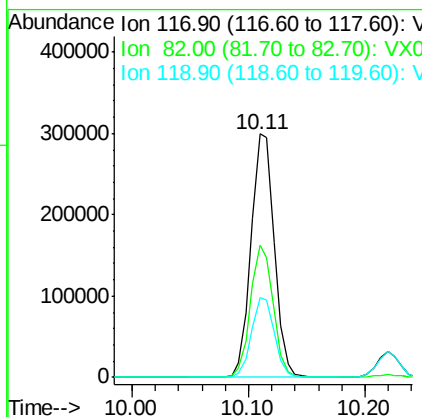
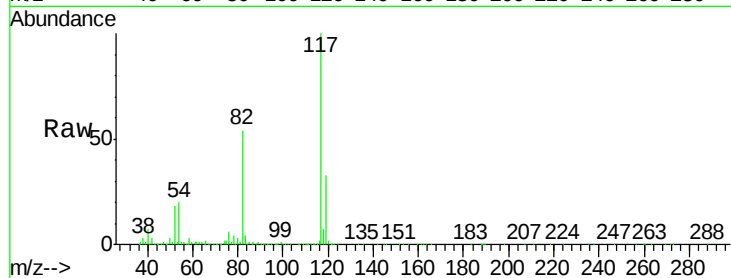
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	419941		
82	54.3	42.1	63.1	
119	32.8	26.5	39.7	

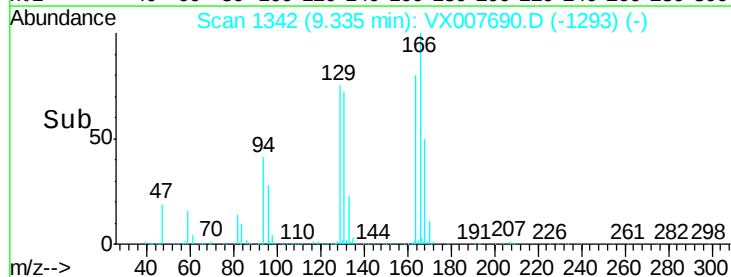
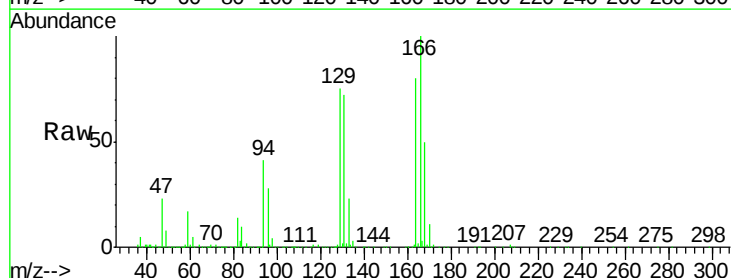
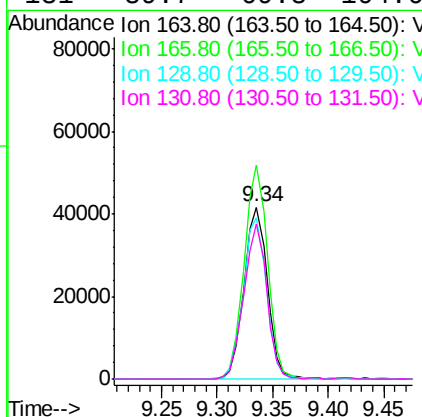
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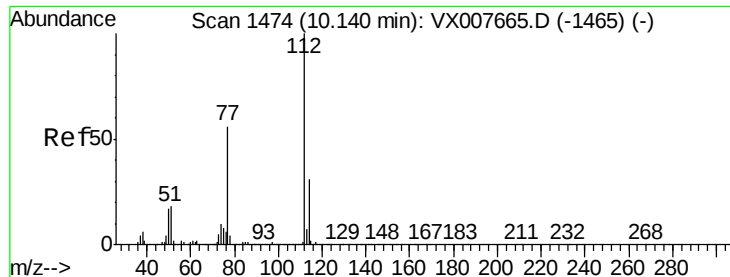
MMDadoda
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#64
Tetrachloroethene
Concen: 17.929 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61121		
166	124.3	101.0	151.4	
129	93.7	70.5	105.7	
131	89.7	69.8	104.6	





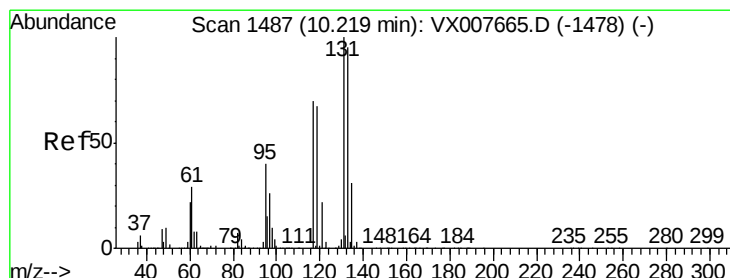
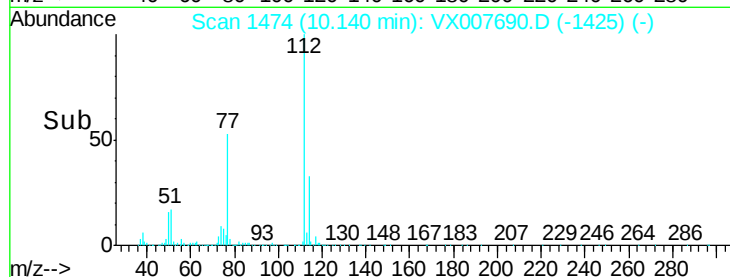
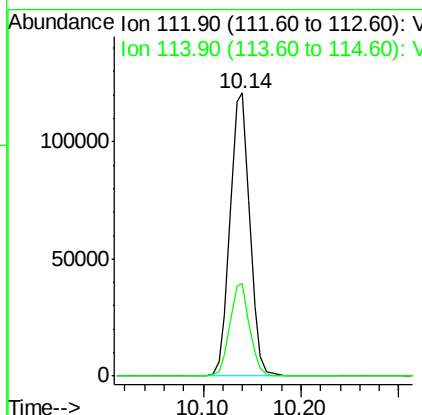
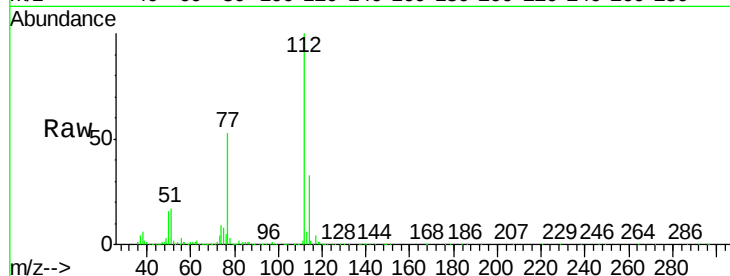
#65
Chlorobenzene
Concen: 18.657 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.8	38.6

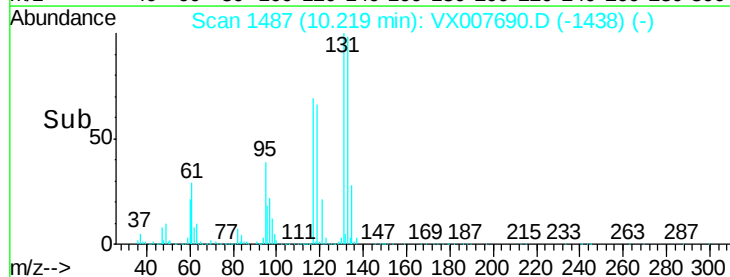
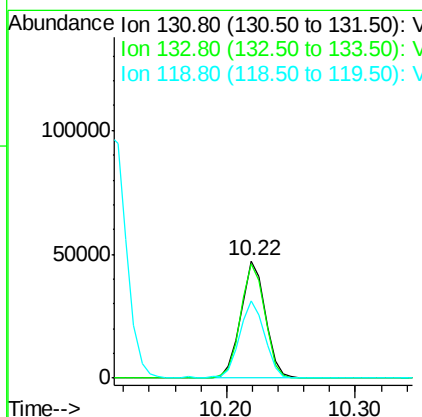
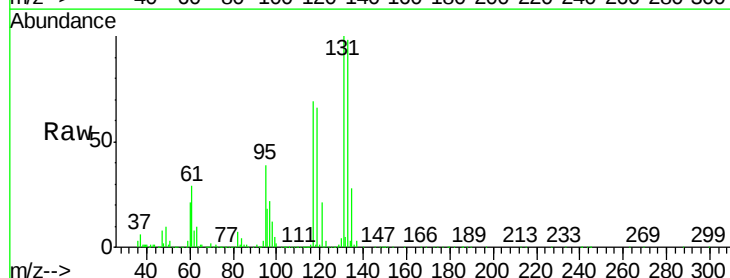
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.784 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.0	144.2
119	67.0	32.0	96.0





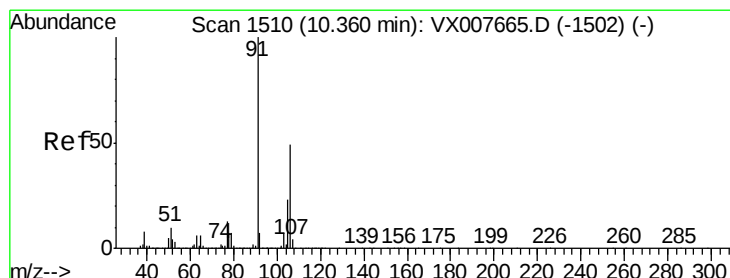
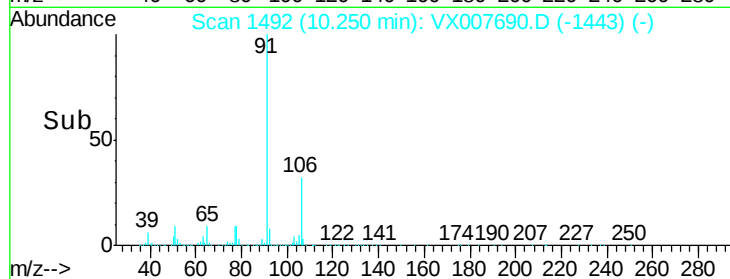
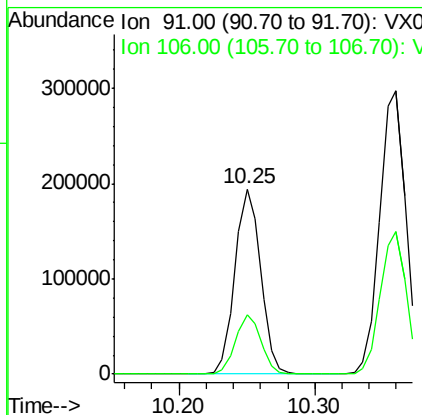
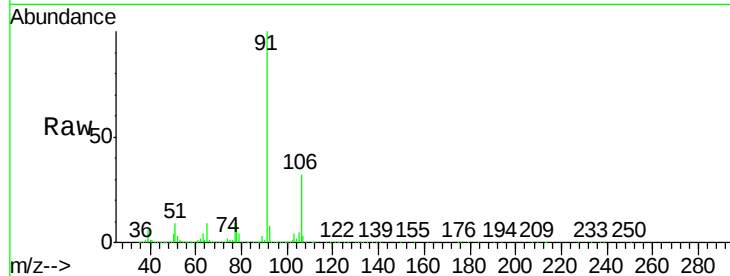
#67
Ethyl Benzene
Concen: 17.093 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion: 91 Resp: 257173
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

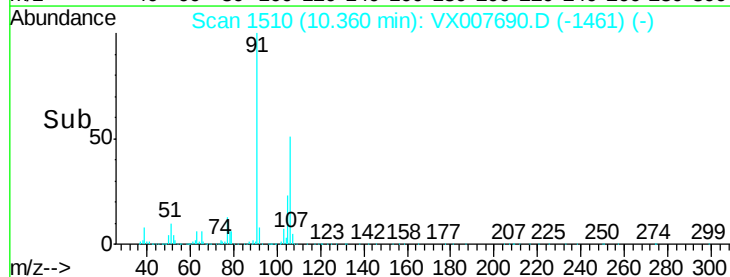
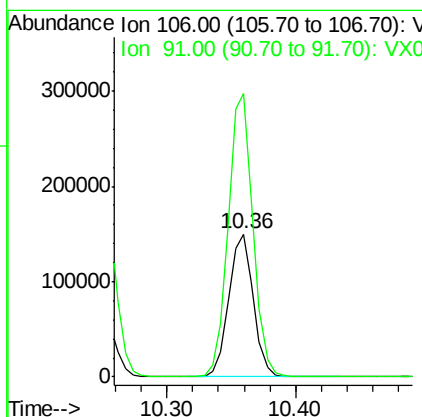
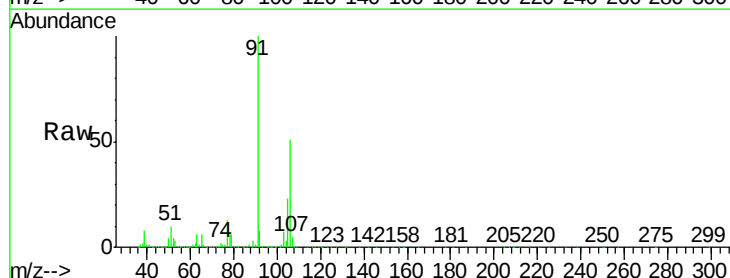
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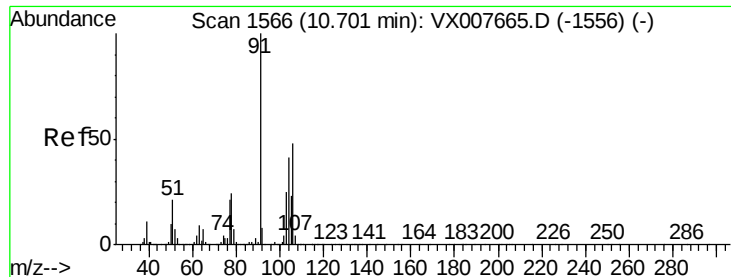
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#68
m/p-Xylenes
Concen: 34.118 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion: 106 Resp: 199699
Ion Ratio Lower Upper
106 100
91 200.0 156.6 234.8





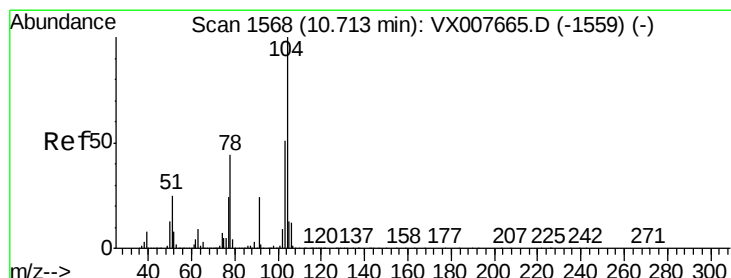
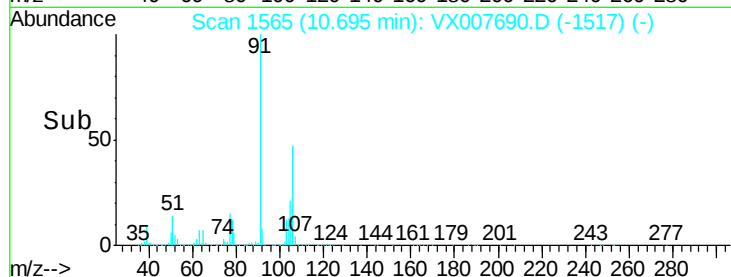
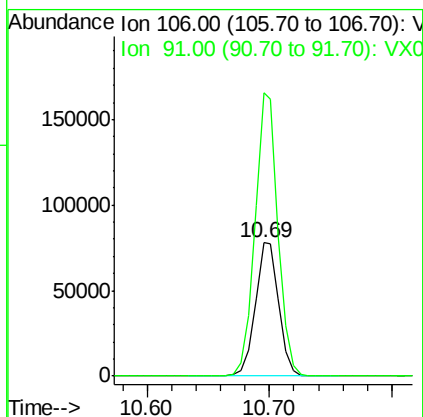
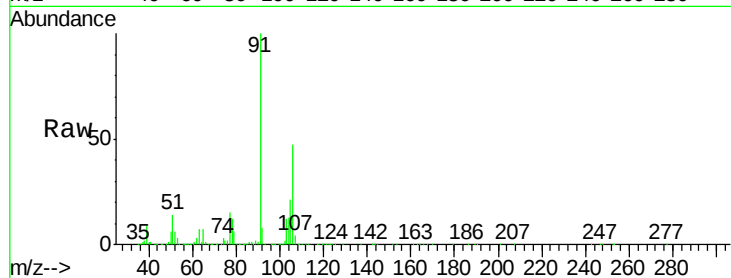
#69
o-Xylene
Concen: 18.489 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.4	102.9	308.7

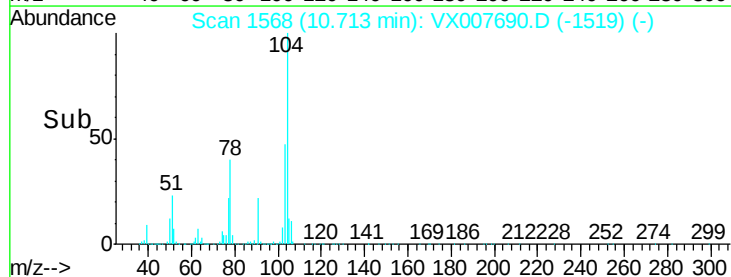
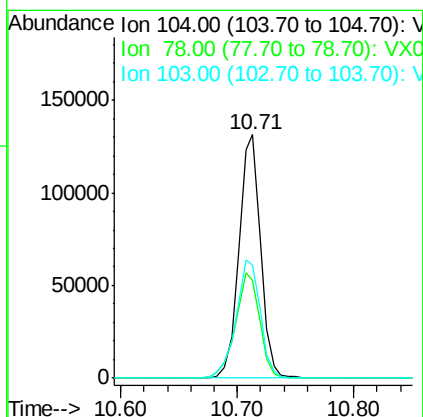
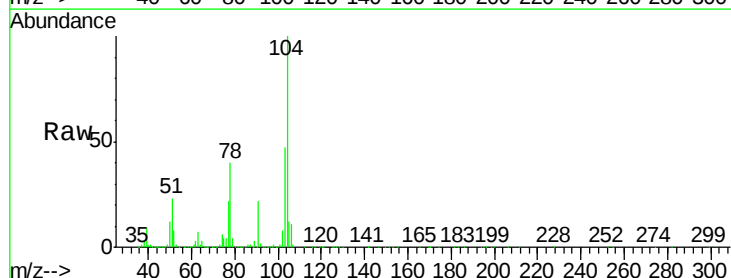
Manual Integrations
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#70
Styrene
Concen: 18.373 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.3	57.5
103	54.4	44.6	67.0





#71

Bromoform

Concen: 19.387 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion:173 Resp: 46058

Ion Ratio Lower Upper

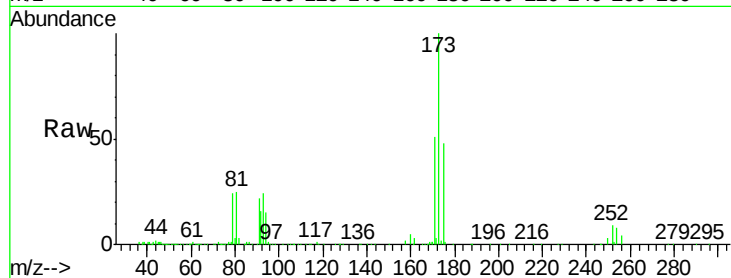
173 100

175 49.4 24.2 72.6

254 0.0 0.2 0.2#

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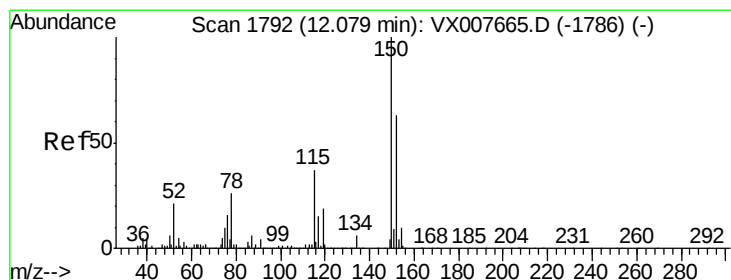
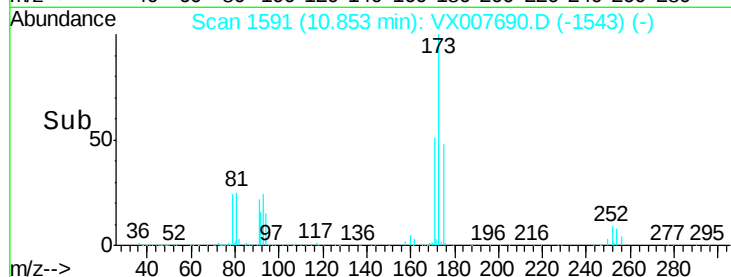
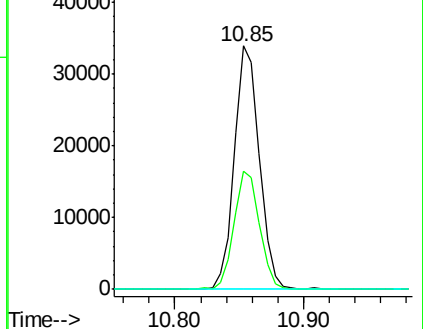
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:152 Resp: 198703

Ion Ratio Lower Upper

152 100

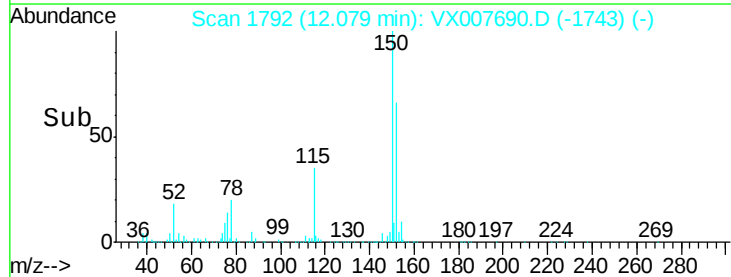
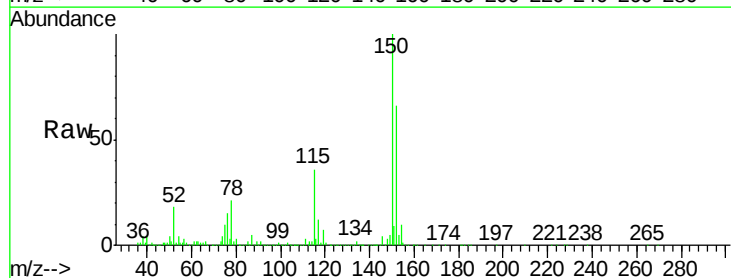
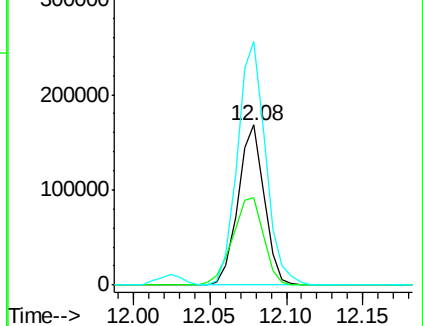
115 65.1 38.0 114.0

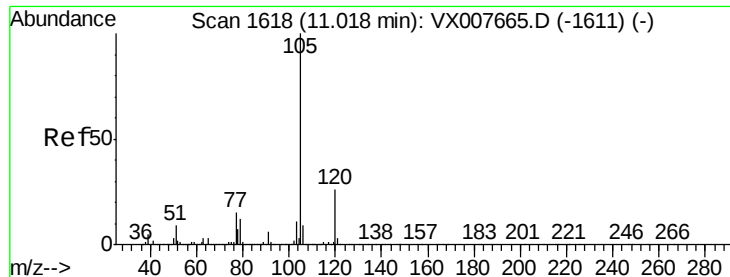
150 163.3 0.0 346.4

Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.160 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion:105 Resp: 243694

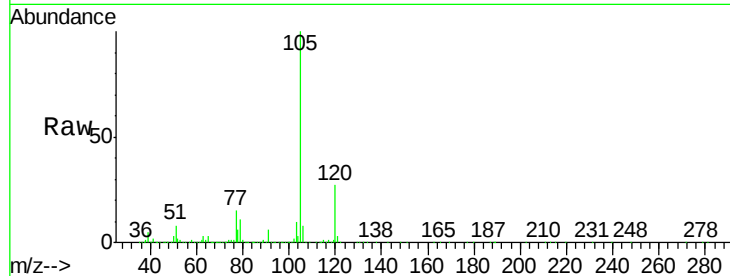
Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7

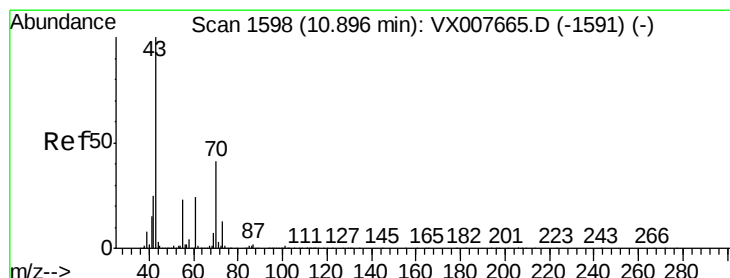
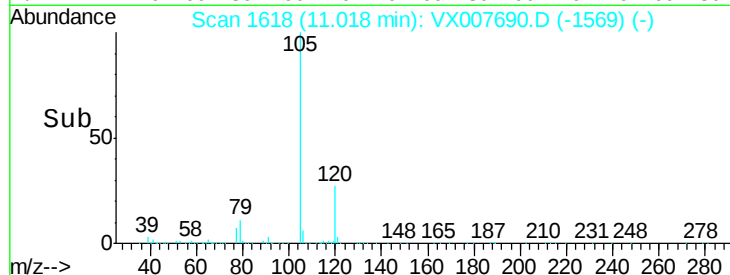
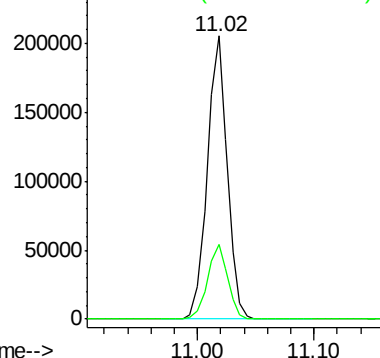
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.777 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion: 43 Resp: 128132

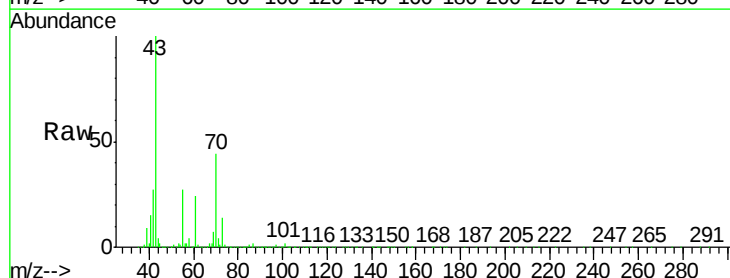
Ion Ratio Lower Upper

43 100

70 43.6 33.8 50.6

55 27.2 19.5 29.3

61 24.5 19.4 29.2

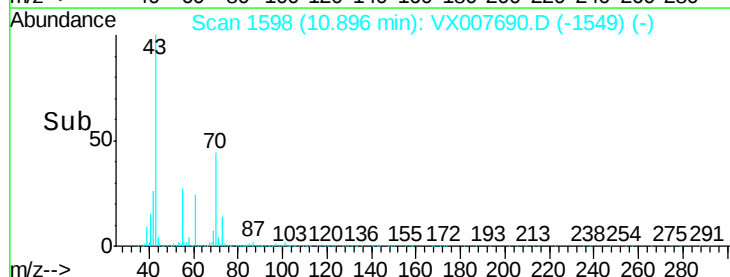
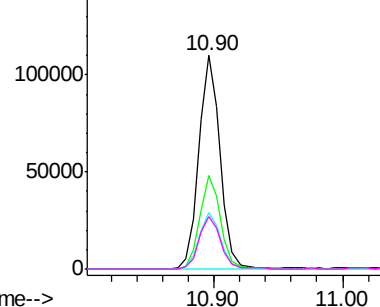


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.624 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

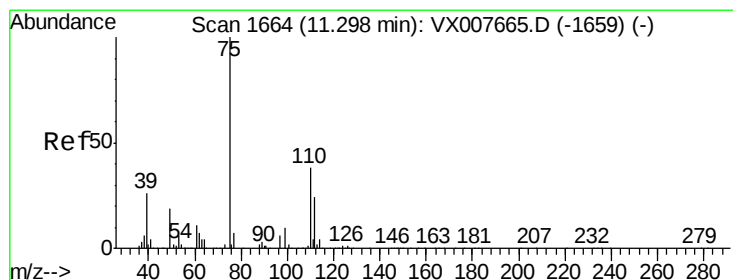
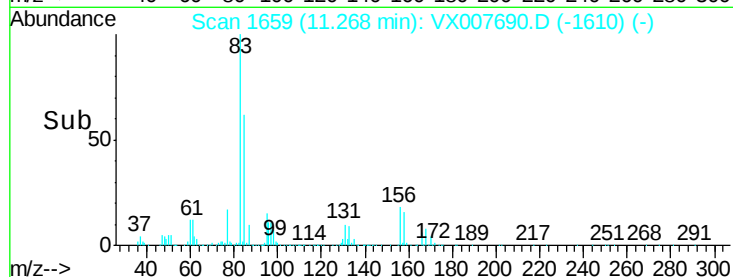
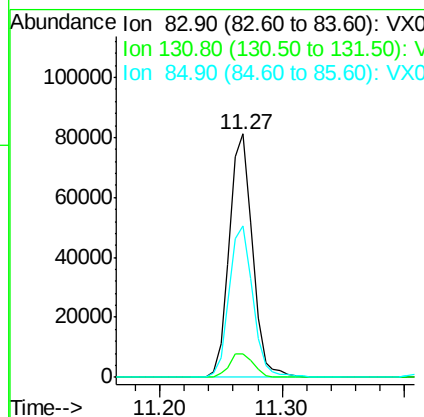
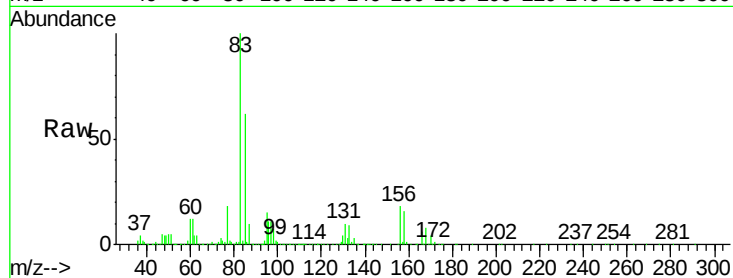
ClientSampleId :

VX0225WBSD02

Tot Ion:	83	Resp:	106215
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.7	17.0
85	63.4	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 21.125 ug/l m

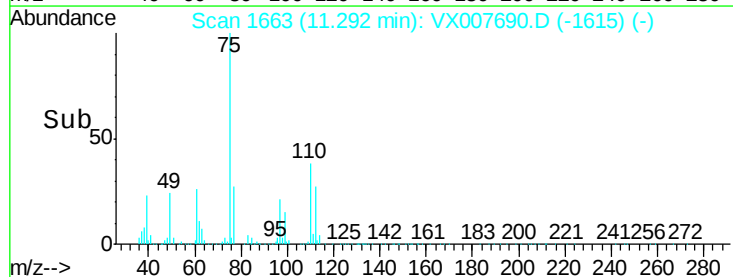
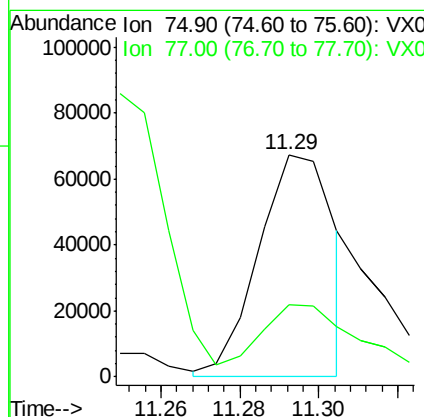
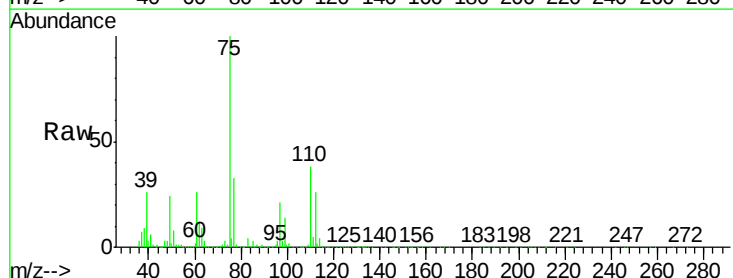
RT: 11.29 min Scan# 1663

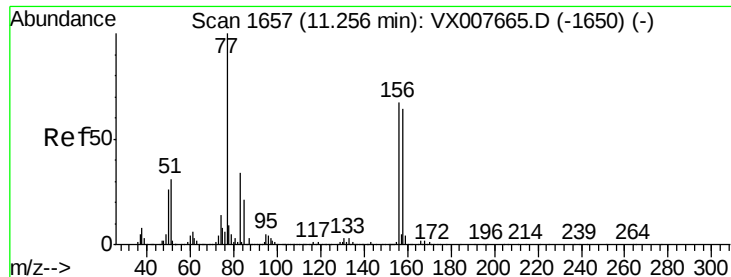
Delta R.T. -0.01 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	75	Resp:	89475
Ion Ratio	Lower	Upper	
75	100		
77	43.2	23.0	69.0





#77

Bromobenzene

Concen: 21.292 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

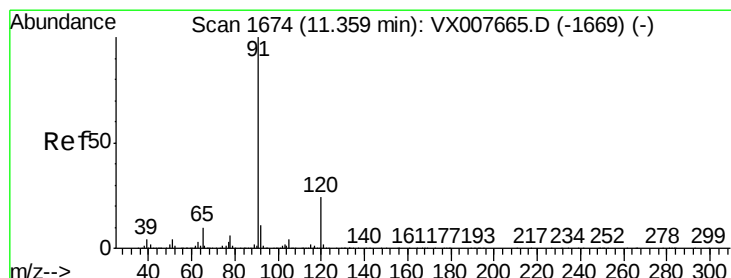
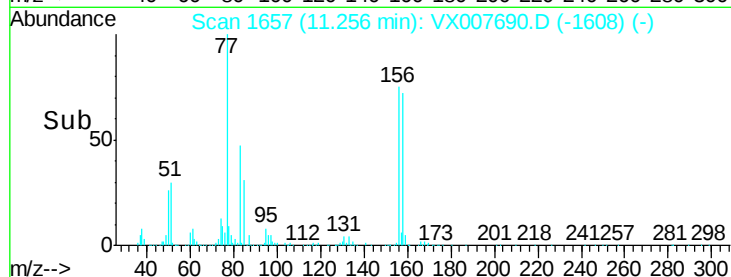
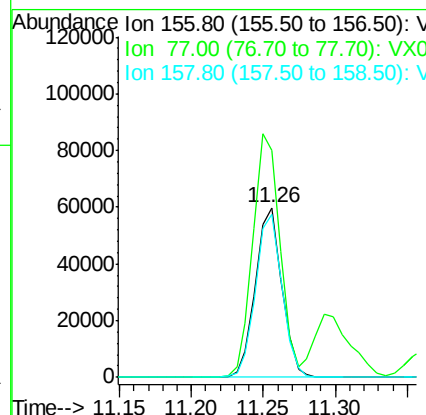
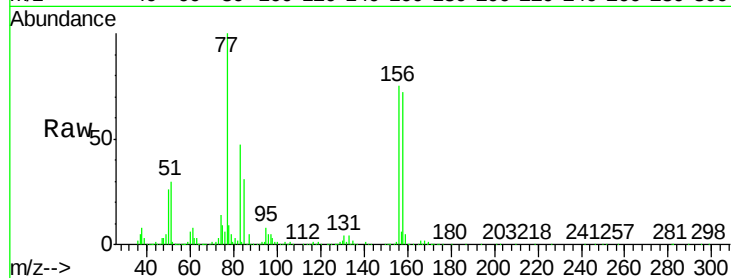
ClientSampleId :

VX0225WBSD02

Tot Ion:	156	Resp:	75842
Ion Ratio	Lower	Upper	
156	100		
77	146.8	66.8	200.6
158	96.3	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 16.722 ug/l

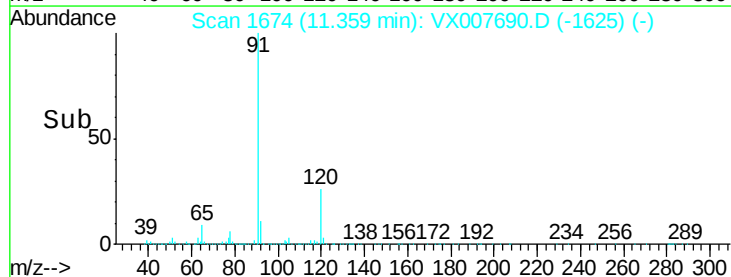
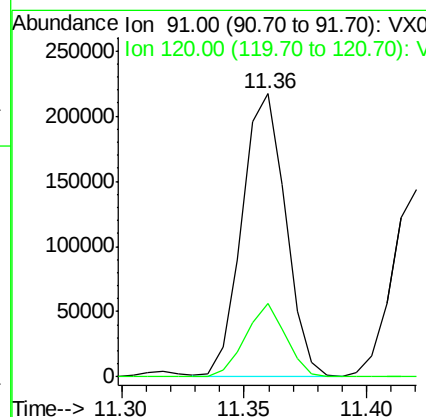
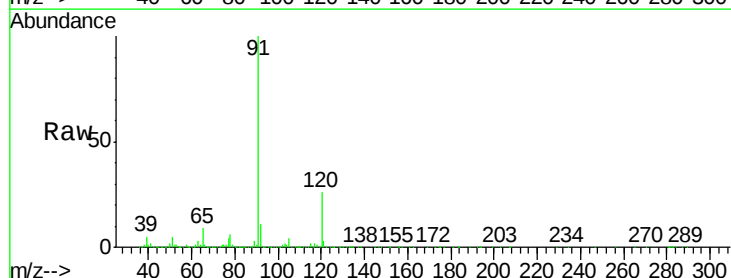
RT: 11.36 min Scan# 1674

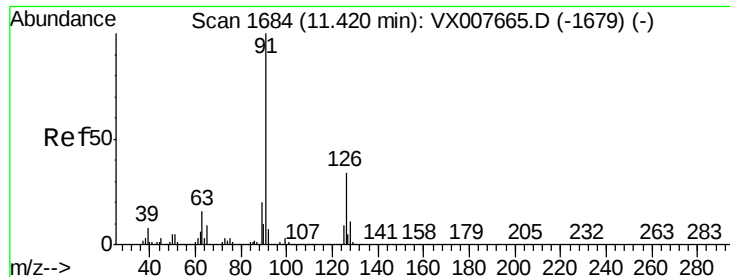
Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	91	Resp:	268349
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.4	37.2





#79

2-Chlorotoluene

Concen: 18.158 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 91 Resp: 175461

Ion Ratio Lower Upper

91 100

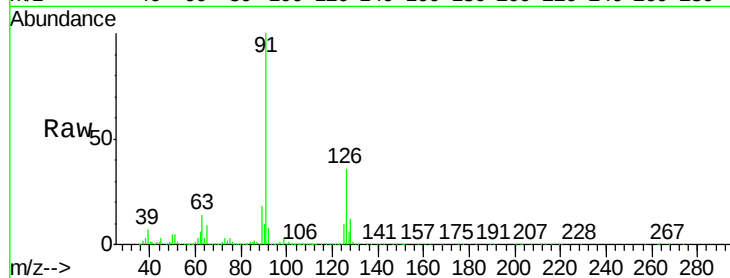
126 36.3 18.7 56.1

Manual Integrations

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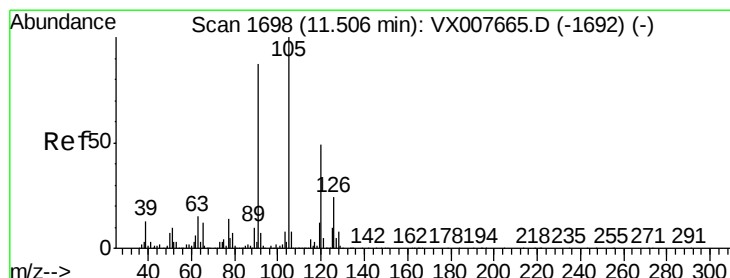
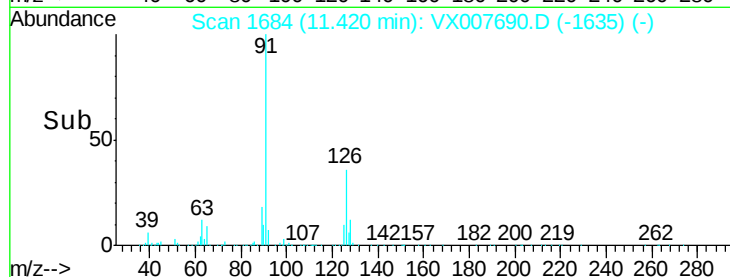
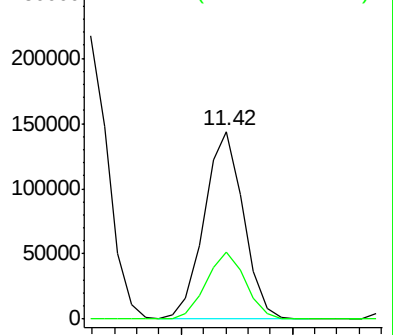
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.945 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007690.D

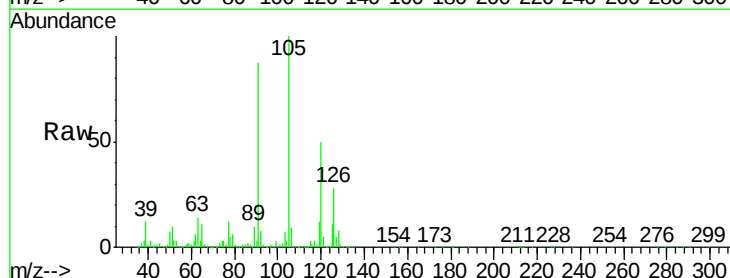
Acq: 26 Feb 2019 02:55

Tgt Ion: 105 Resp: 209630

Ion Ratio Lower Upper

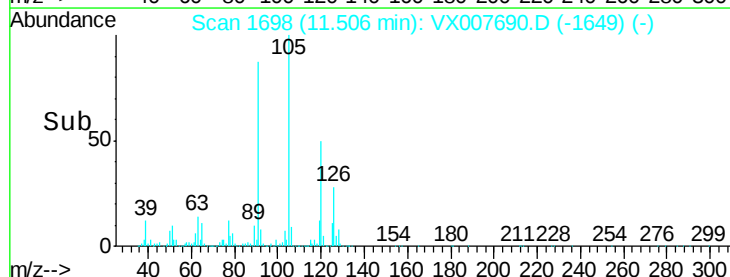
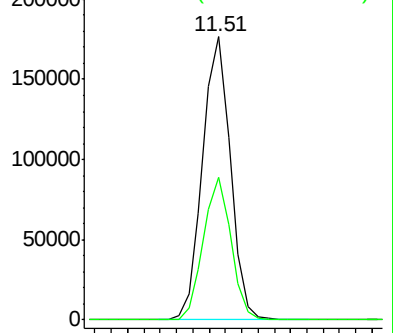
105 100

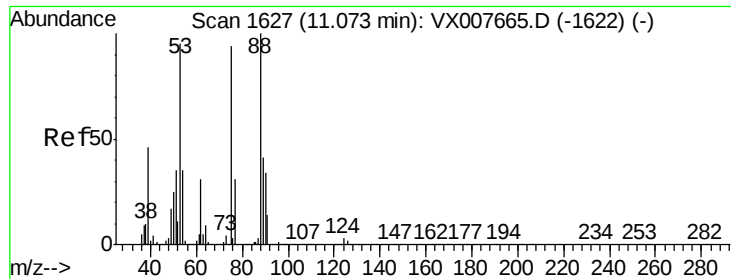
120 49.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.590 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

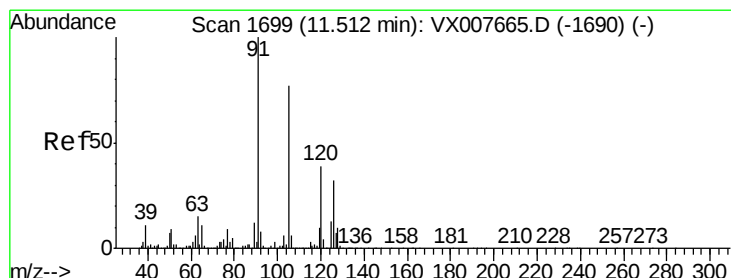
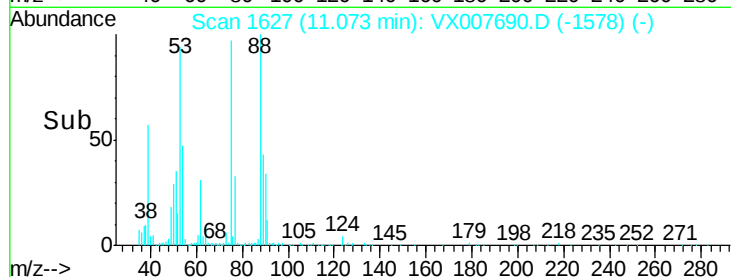
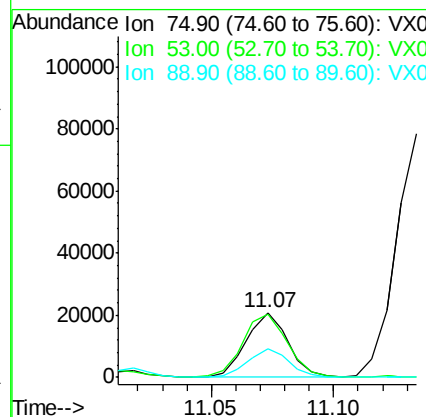
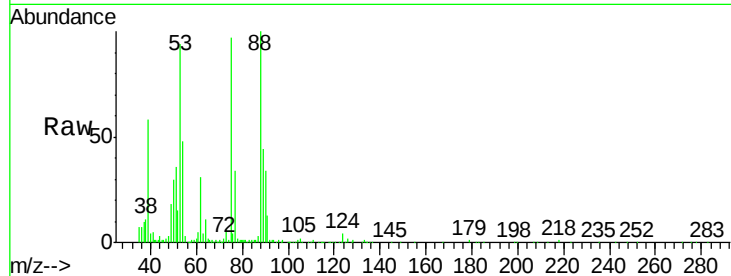
ClientSampleId :

VX0225WBSD02

Tot Ion:	75	Resp:	24521
Ion Ratio	Lower	Upper	
75	100		
53	105.2	81.0	121.6
89	44.6	41.4	62.0

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#82

4-Chlorotoluene

Concen: 17.984 ug/l

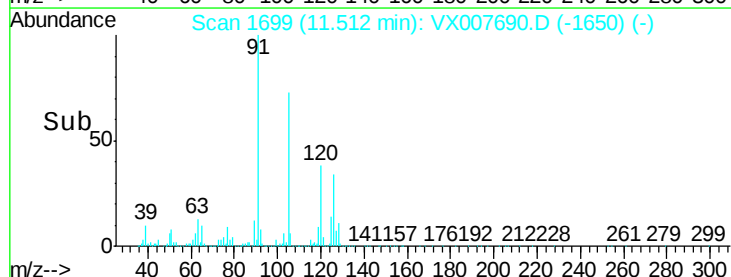
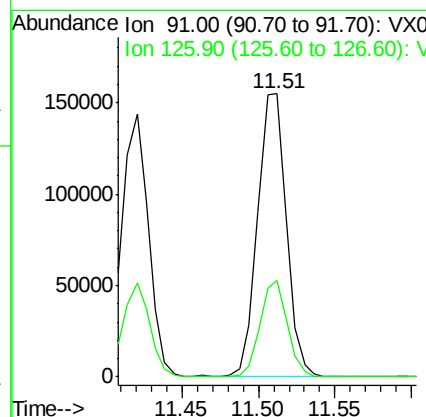
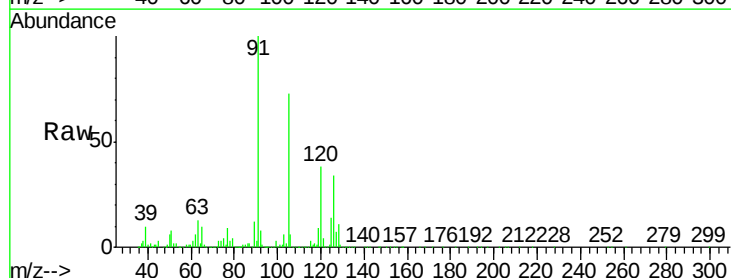
RT: 11.51 min Scan# 1699

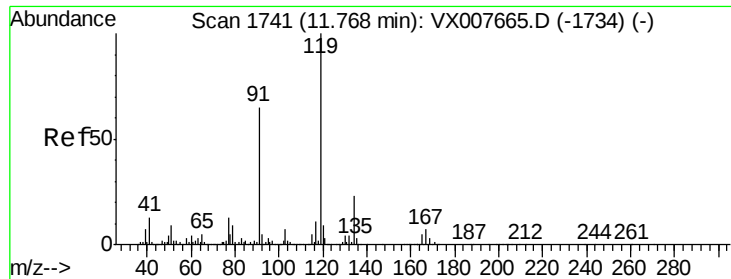
Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	91	Resp:	203284
Ion Ratio	Lower	Upper	
91	100		
126	32.2	16.2	48.5





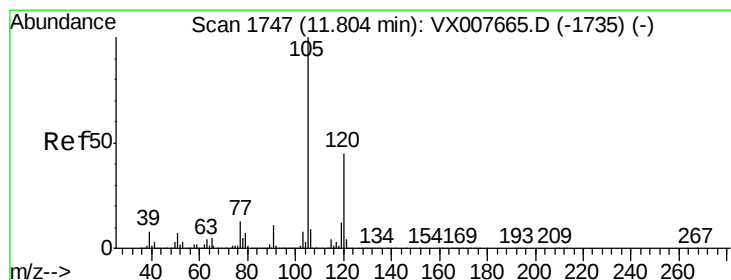
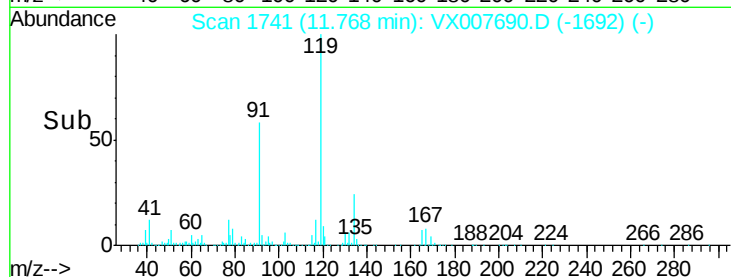
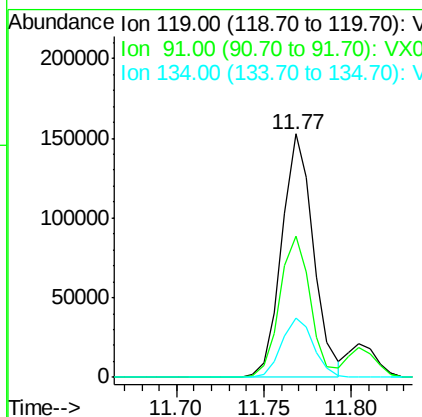
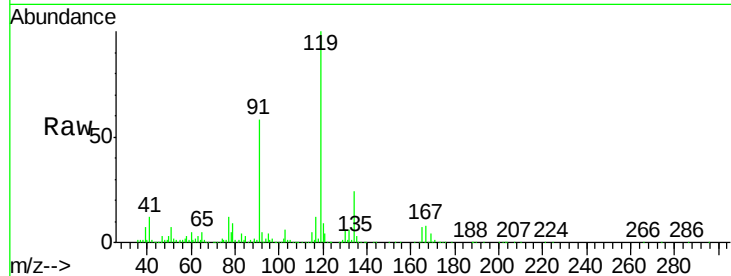
#83
 tert-Butylbenzene
 Concen: 17.209 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	193015		
91	56.8	28.5	85.6	
134	24.9	12.0	36.0	

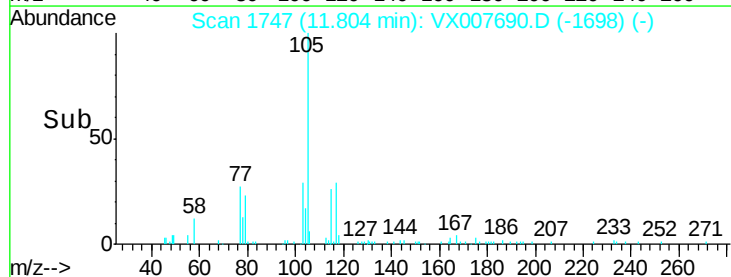
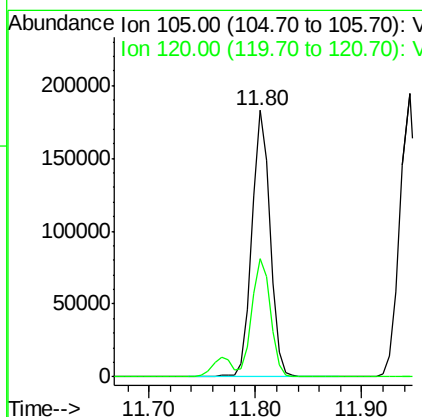
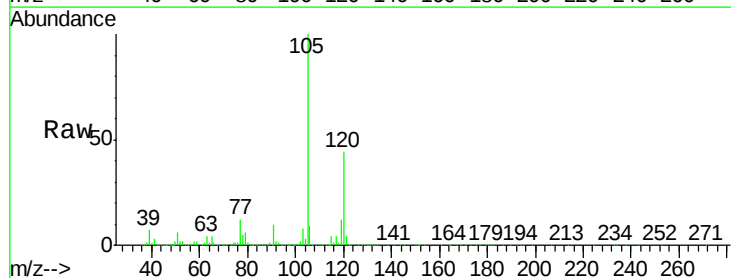
Manual Integrations
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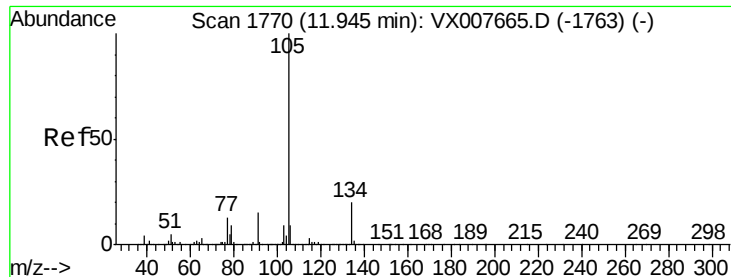
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.438 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220320		
120	46.0	23.1	69.3	





#85

sec-Butylbenzene

Concen: 16.067 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion:105 Resp: 225823

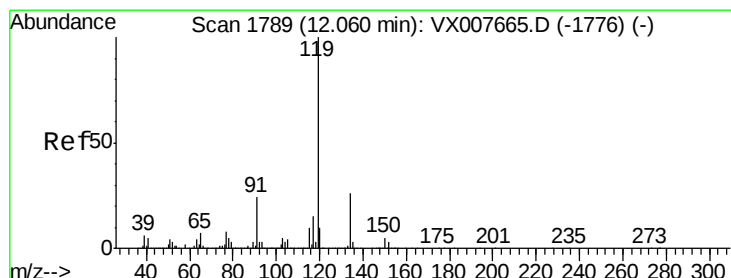
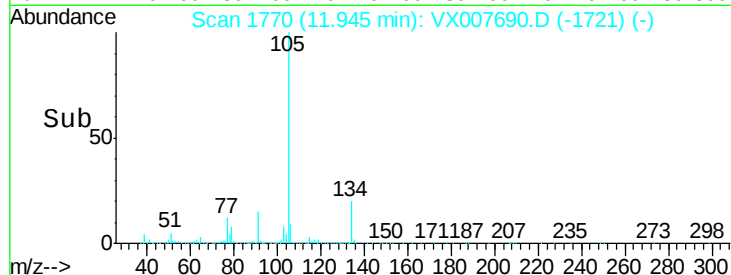
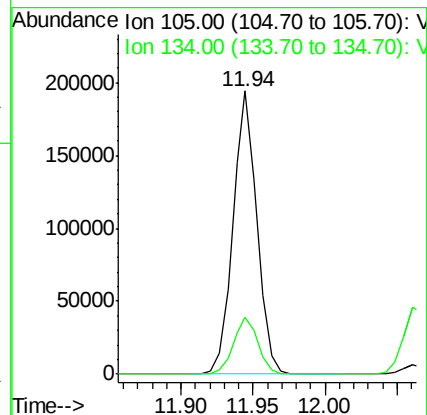
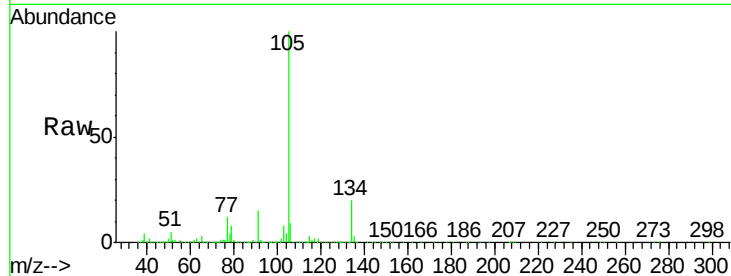
Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 16.574 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

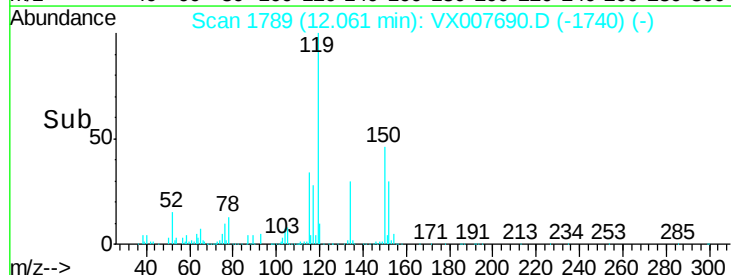
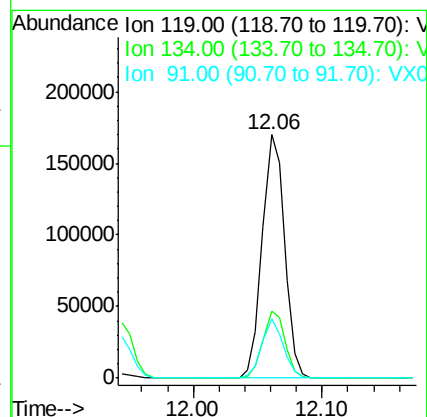
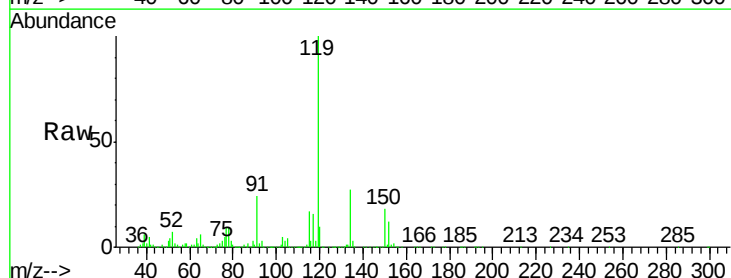
Tgt Ion:119 Resp: 204000

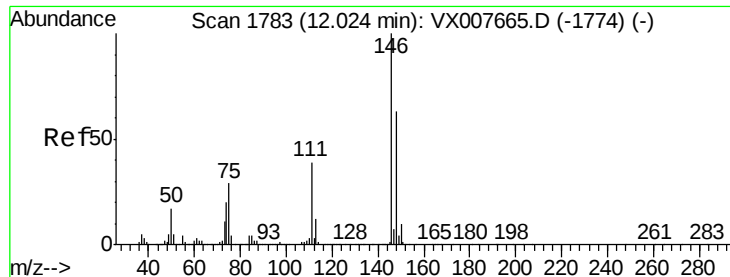
Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

91 23.3 11.2 33.5





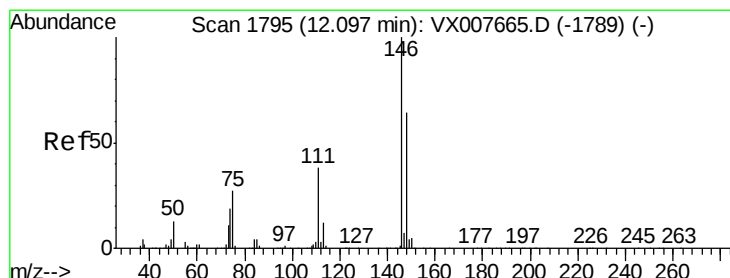
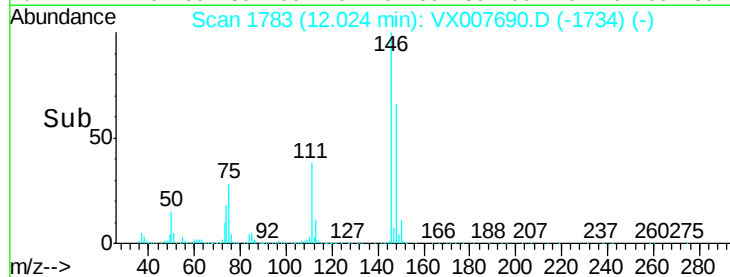
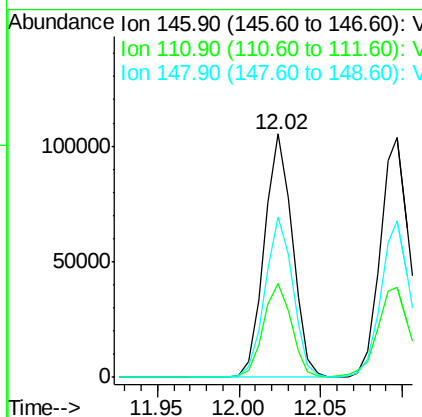
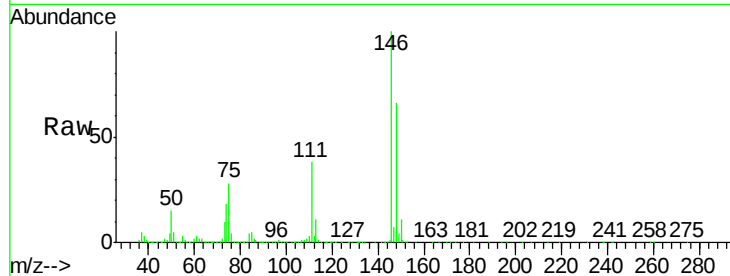
#87
 1,3-Dichlorobenzene
 Concen: 19.107 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.1
148	65.2	32.0	96.2

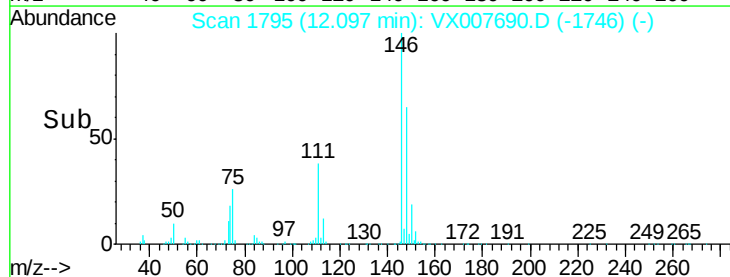
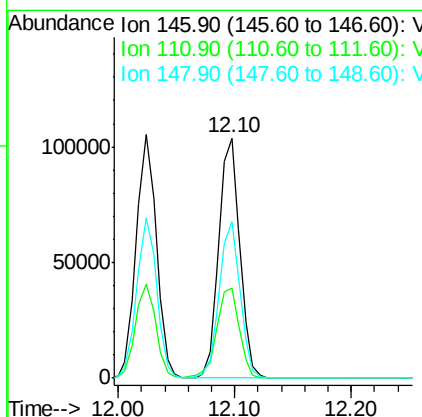
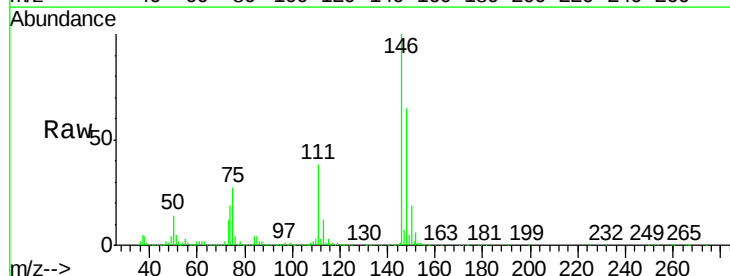
Manual Integrations
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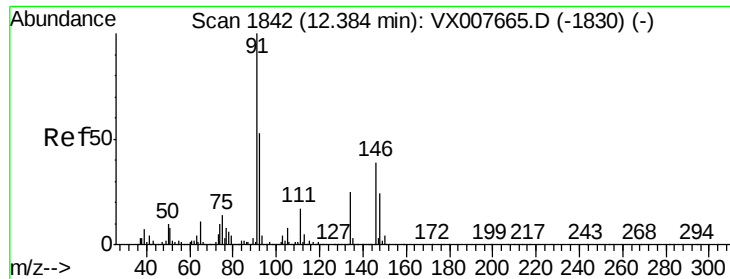
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#88
 1,4-Dichlorobenzene
 Concen: 19.072 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.1	54.1
148	64.4	32.3	96.9





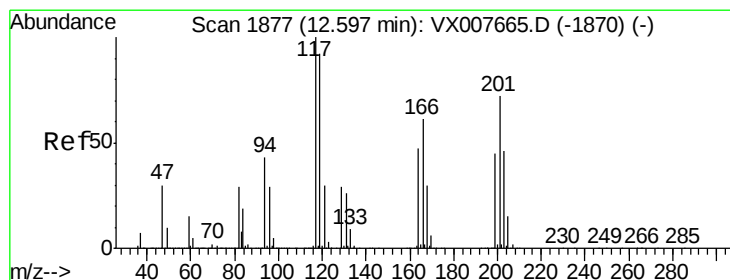
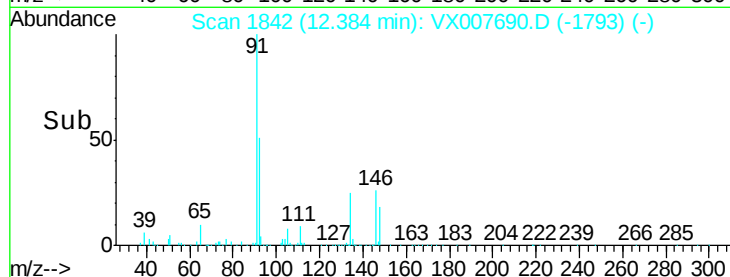
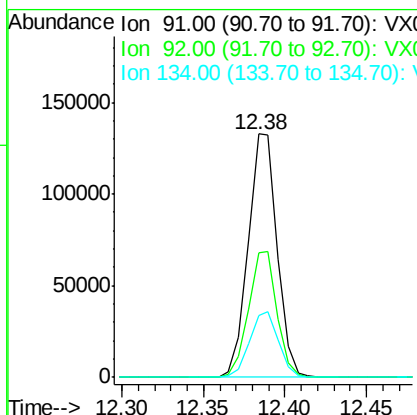
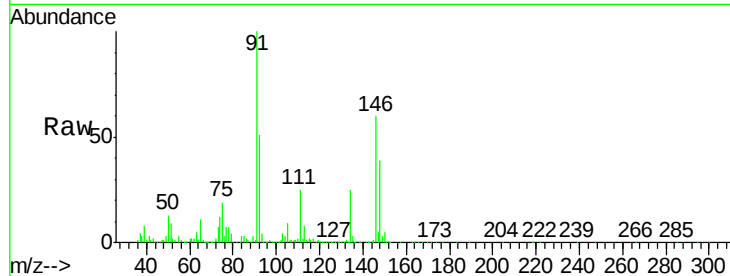
#89
n-Butylbenzene
Concen: 14.998 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.3	78.9
134	27.0	13.9	41.6

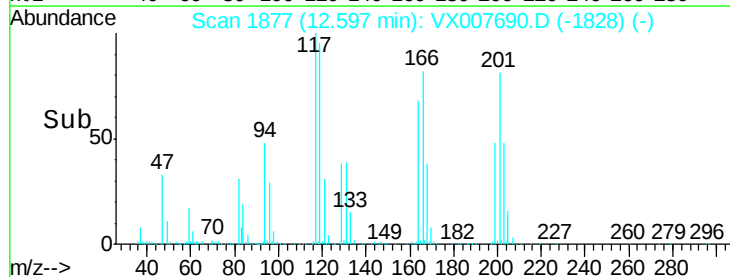
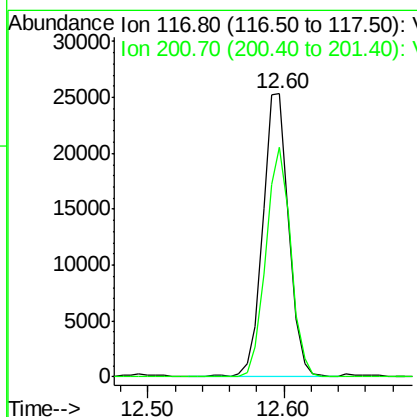
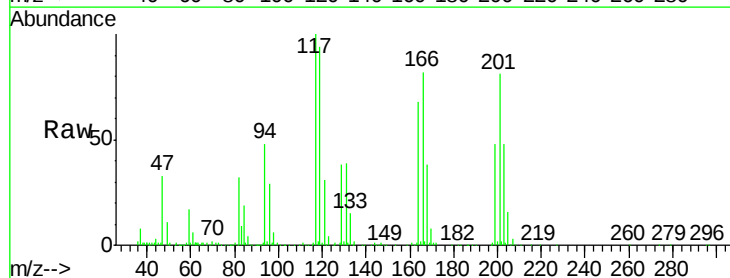
Manual Integrations
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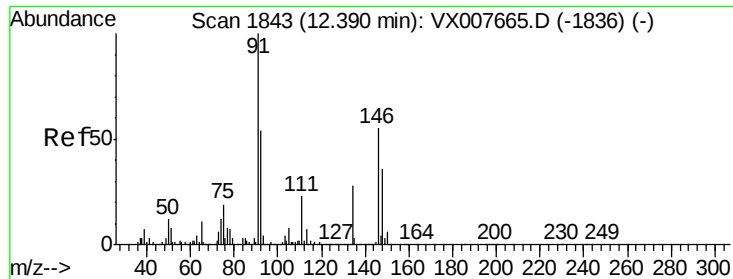
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#90
Hexachloroethane
Concen: 16.394 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007690.D
Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 20.044 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

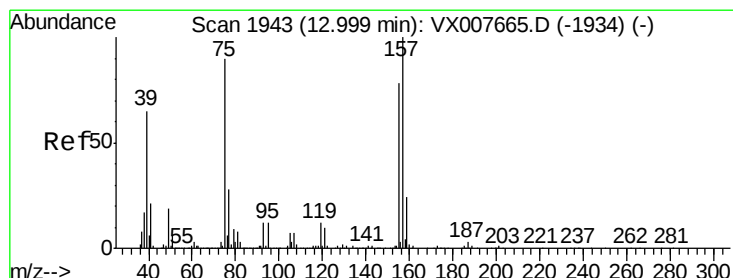
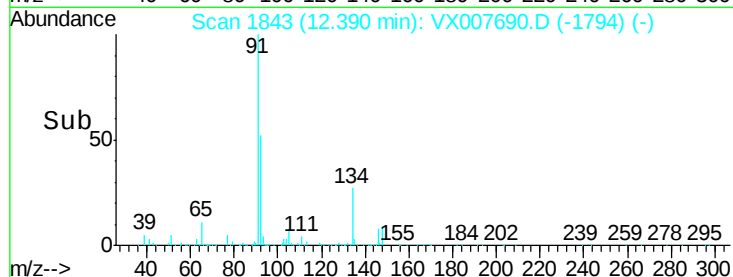
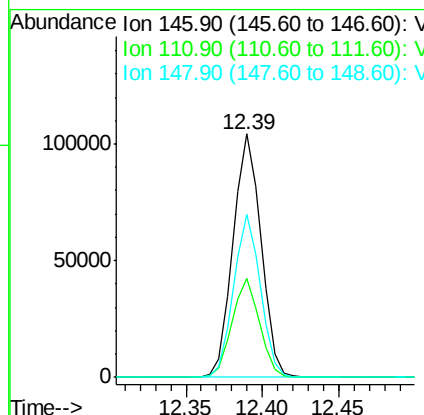
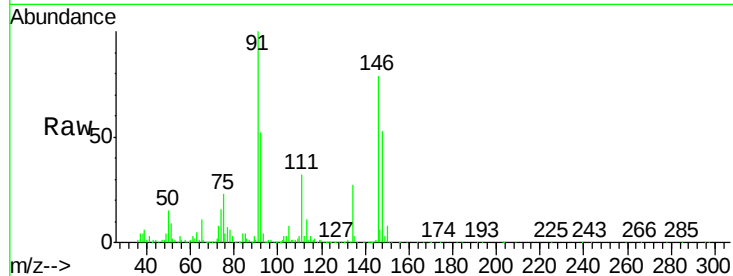
ClientSampleId :

VX0225WBSD02

Tot Ion:	146	Resp:	132513
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.1	57.3
148	64.2	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.011 ug/l

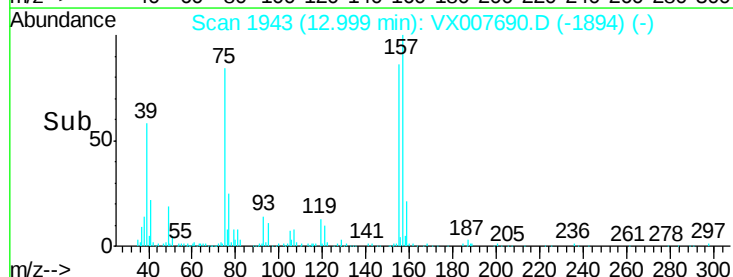
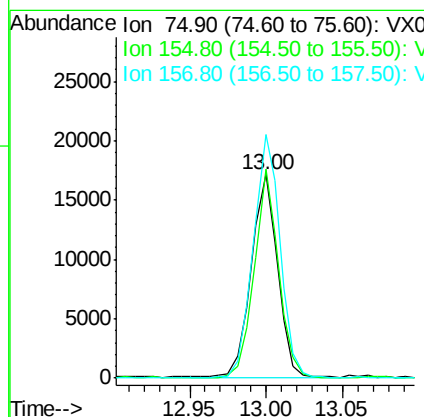
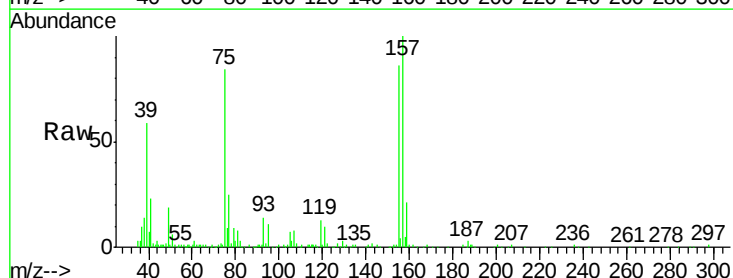
RT: 13.00 min Scan# 1943

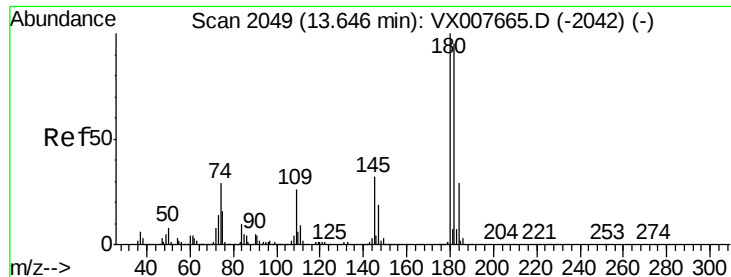
Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	75	Resp:	20346
Ion Ratio	Lower	Upper	
75	100		
155	95.4	49.6	149.0
157	124.1	65.1	195.3





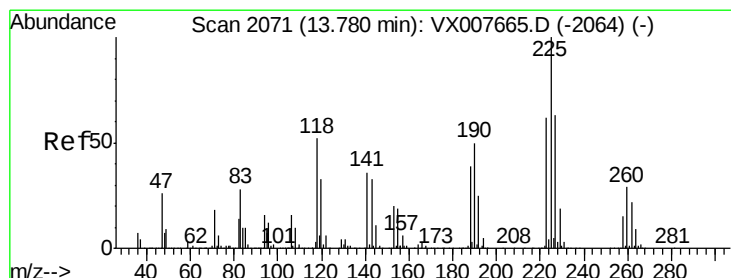
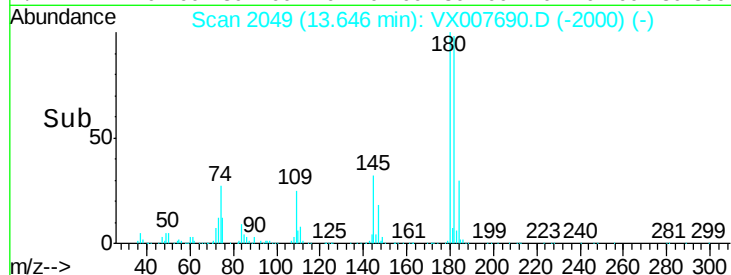
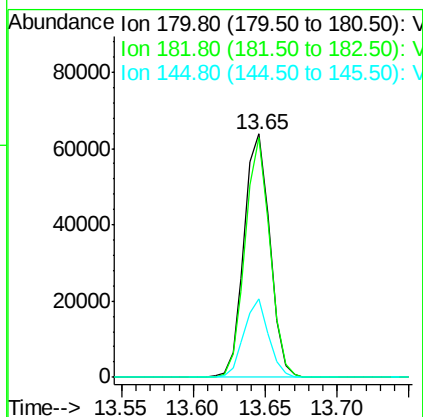
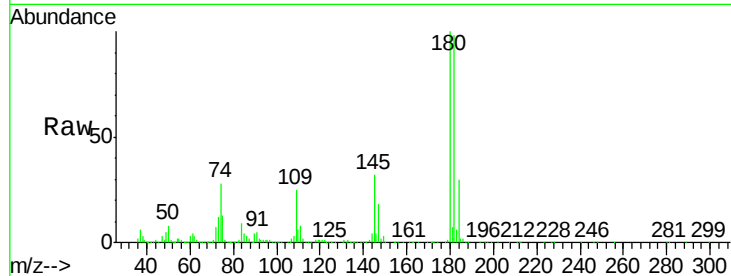
#93
 1,2,4-Trichlorobenzene
 Concen: 19.626 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	79198		
182	94.5	47.8	143.3	
145	30.7	14.1	42.2	

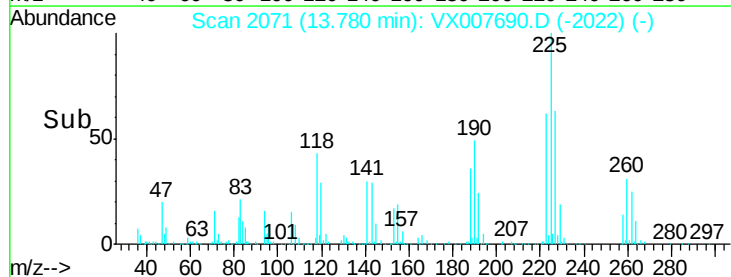
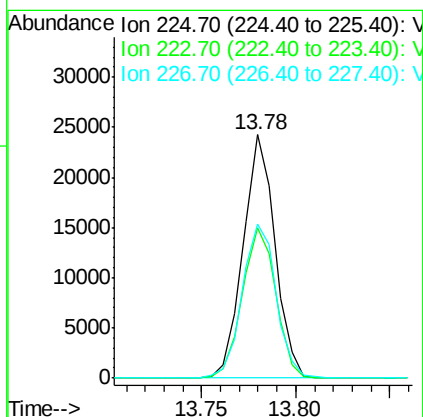
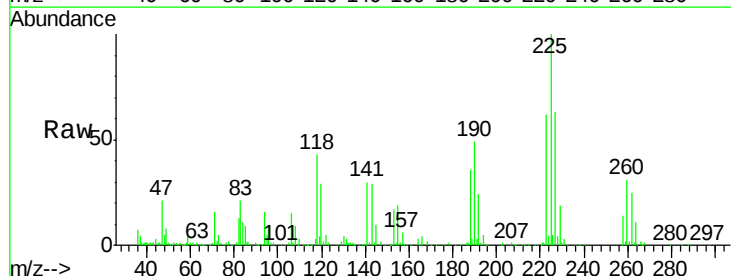
Manual Integrations
 APPROVED

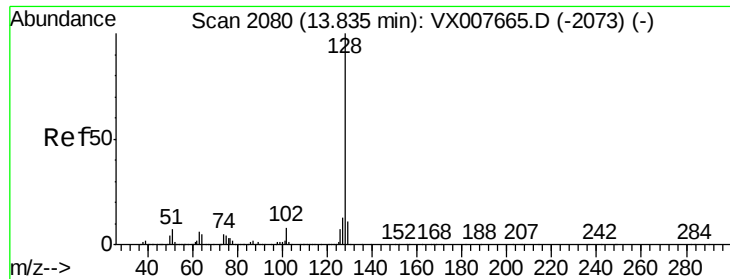
MMDadoda
 2/26/2019 3:05:11 PM



#94
 Hexachlorobutadiene
 Concen: 15.432 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007690.D
 Acq: 26 Feb 2019 02:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28488		
223	64.6	31.6	94.8	
227	67.0	32.1	96.3	





#95

Naphthalene

Concen: 21.861 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Instrument :

MSVOA_X

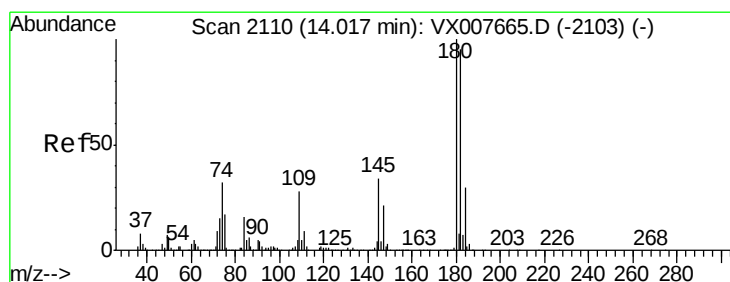
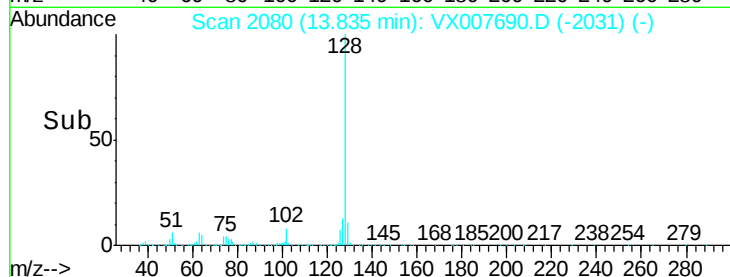
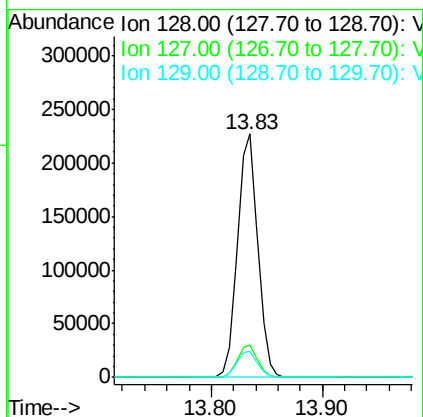
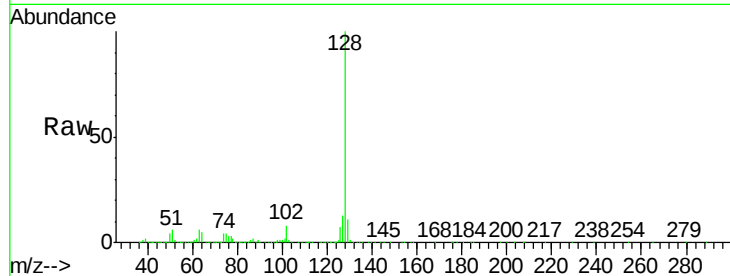
ClientSampleId :

VX0225WBSD02

Tot Ion:	128	Resp:	285818
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/26/2019 3:05:11 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.544 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007690.D

Acq: 26 Feb 2019 02:55

Tgt Ion:	180	Resp:	83244
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.5	142.6
145	31.7	14.9	44.5

