

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007790.D
 Acq On : 01 Mar 2019 15:27
 Operator : JC/SP
 Sample : VX0301WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:36:23 PM

Quant Time: Mar 01 22:54:54 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	302249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	391762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197416	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173523	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.51	113	147534	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	8.71	98	554313	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	197888	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	46918	16.851	ug/l	99
3) Chloromethane	1.33	50	56158	18.201	ug/l	99
4) Vinyl Chloride	1.41	62	57000	18.007	ug/l	100
5) Bromomethane	1.64	94	34606	16.308	ug/l	98
6) Chloroethane	1.73	64	37454	18.520	ug/l	99
7) Trichlorofluoromethane	1.93	101	80631	16.616	ug/l	98
8) Diethyl Ether	2.19	74	35138	17.643	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49004	16.708	ug/l	98
10) Methyl Iodide	2.51	142	68314	18.705	ug/l	100
11) Tert butyl alcohol	3.07	59	69125	97.311	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46104	17.438	ug/l	92
13) Acrolein	2.30	56	75452	119.532	ug/l	98
14) Allyl chloride	2.73	41	96644	19.770	ug/l	92
15) Acrylonitrile	3.15	53	164925	98.659	ug/l	100
16) Acetone	2.45	43	152010	91.302	ug/l	99
17) Carbon Disulfide	2.57	76	121577	16.529	ug/l	99
18) Methyl Acetate	2.78	43	78435	21.589	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	169594	18.421	ug/l	99
20) Methylene Chloride	2.86	84	53740	17.480	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	50220	17.473	ug/l	89
22) Diisopropyl ether	3.87	45	195099	19.172	ug/l	94
23) Vinyl Acetate	3.82	43	834280	93.441	ug/l	98
24) 1,1-Dichloroethane	3.70	63	102775	18.583	ug/l	98
25) 2-Butanone	4.70	43	247640	97.646	ug/l	96
26) 2,2-Dichloropropane	4.59	77	72059	16.322	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	61995	16.952	ug/l	93
28) Bromochloromethane	5.02	49	50027	18.580	ug/l	85
29) Tetrahydrofuran	5.15	42	161736	96.748	ug/l	93
30) Chloroform	5.21	83	101772	17.179	ug/l	99
31) Cyclohexane	5.57	56	91414	17.572	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	84243	17.194	ug/l	97
36) 1,1-Dichloropropene	5.80	75	73450	18.666	ug/l	97
37) Ethyl Acetate	4.85	43	90608	20.729	ug/l	100
38) Carbon Tetrachloride	5.79	117	71406	18.065	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Manual Integrations
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Quant Time: Mar 01 22:54:54 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)
39) Methylcyclohexane	7.46	83	89034	17.903	ug/l	94
40) Benzene	6.14	78	234892	19.338	ug/l	99
41) Methacrylonitrile	5.06	41	52384	22.443	ug/l	93
42) 1,2-Dichloroethane	6.20	62	79068	19.367	ug/l	99
43) Isopropyl Acetate	6.46	43	138479	20.584	ug/l	99
44) Trichloroethene	7.21	130	62880	18.818	ug/l	99
45) 1,2-Dichloropropane	7.52	63	62697	19.926	ug/l	98
46) Dibromomethane	7.66	93	39053	17.791	ug/l	99
47) Bromodichloromethane	7.90	83	70258	18.469	ug/l	99
48) Methyl methacrylate	7.77	41	73104	20.731	ug/l	92
49) 1,4-Dioxane	7.75	88	29317	384.922	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	466551	103.606	ug/l	99
52) Toluene	8.79	92	144000	18.800	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	78068	18.385	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86844	18.812	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	59857	18.740	ug/l	98
56) Ethyl methacrylate	9.18	69	89396	19.681	ug/l	95
57) 1,3-Dichloropropane	9.37	76	100533	19.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	245333	97.944	ug/l	97
59) 2-Hexanone	9.49	43	355060	100.431	ug/l	99
60) Dibromochloromethane	9.58	129	56775	18.472	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61967	18.685	ug/l	99
64) Tetrachloroethene	9.34	164	65412	20.567	ug/l	98
65) Chlorobenzene	10.13	112	159172	18.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56829	19.228	ug/l	99
67) Ethyl Benzene	10.25	91	263434	18.768	ug/l	100
68) m/p-Xylenes	10.36	106	202142	37.019	ug/l	97
69) o-Xylene	10.70	106	98804	18.812	ug/l	96
70) Styrene	10.71	104	162172	18.785	ug/l	100
71) Bromoform	10.86	173	43917	19.815	ug/l #	100
73) Isopropylbenzene	11.02	105	265066	18.786	ug/l	100
74) N-amyl acetate	10.90	43	117287	19.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90139	18.471	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	86728m	20.610	ug/l	
77) Bromobenzene	11.26	156	71886	20.313	ug/l	95
78) n-propylbenzene	11.36	91	292549	18.349	ug/l	98
79) 2-Chlorotoluene	11.42	91	178518	18.595	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	217434	18.735	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23758	17.228	ug/l	93
82) 4-Chlorotoluene	11.51	91	203345	18.106	ug/l	98
83) tert-Butylbenzene	11.77	119	211797	19.007	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	222261	18.722	ug/l	99
85) sec-Butylbenzene	11.94	105	260051	18.623	ug/l	99
86) p-Isopropyltoluene	12.06	119	230291	18.832	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	123718	18.847	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125500	18.667	ug/l	99
89) n-Butylbenzene	12.38	91	189717	17.396	ug/l	99
90) Hexachloroethane	12.60	117	35017	16.994	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	125050	19.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18123	17.044	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Manual Integrations
APPROVED

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3/4/2019 1:36:23 PM

Quant Time: Mar 01 22:54:54 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)
93) 1,2,4-Trichlorobenzene	13.65	180	85412	21.304	ug/l	99
94) Hexachlorobutadiene	13.78	225	46286	25.236	ug/l	98
95) Naphthalene	13.83	128	257157	19.797	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86143	21.398	ug/l	99

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

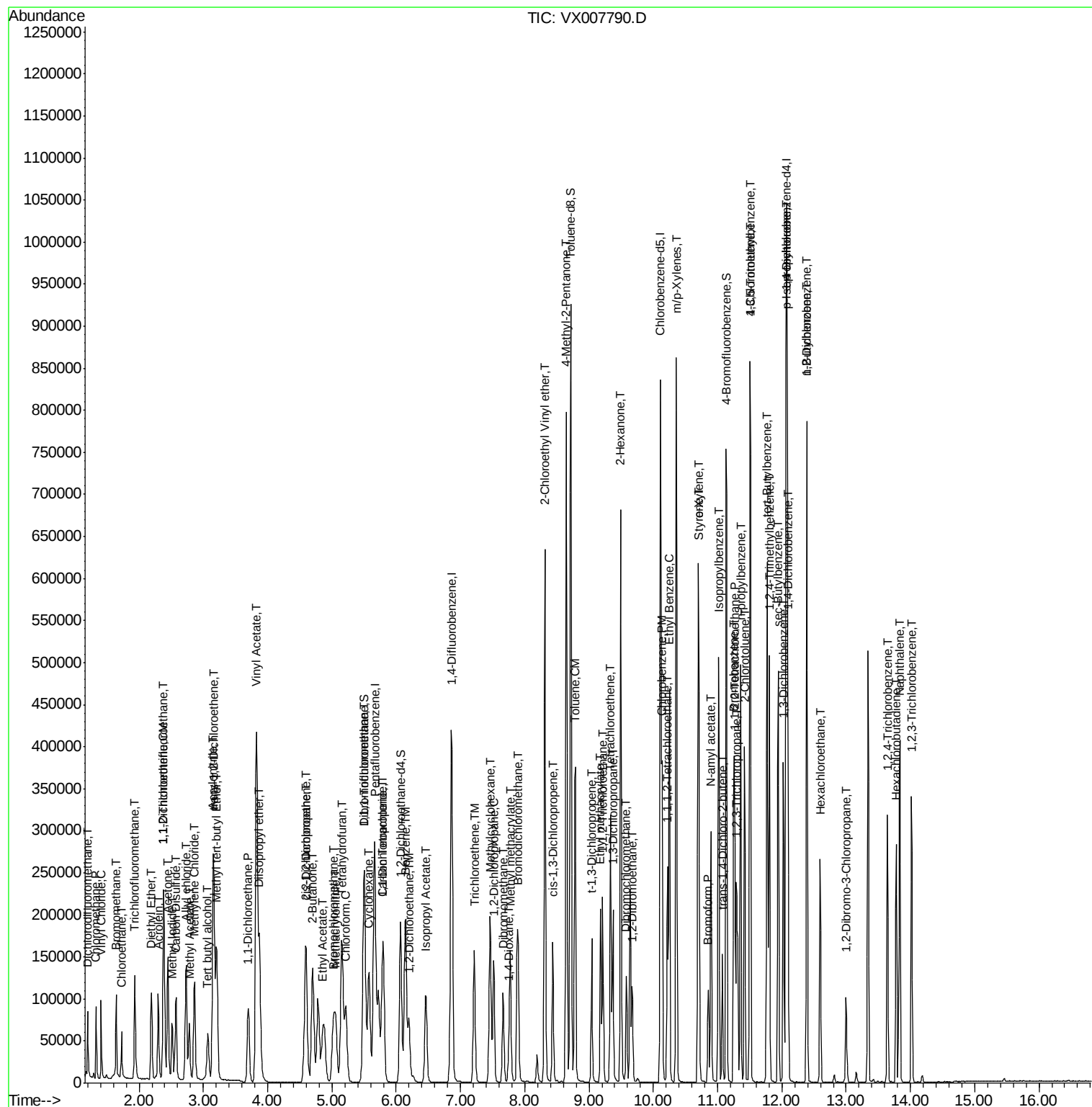
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007790.D
 Acq On : 01 Mar 2019 15:27
 Operator : JC/SP
 Sample : VX0301WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

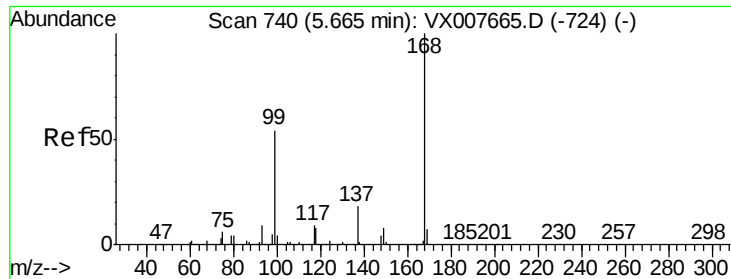
Instrument :
 MSVOA_X
 Client Sampled :
 VX0301WBSD01

Manual Integrations
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Quant Time: Mar 01 22:54:54 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

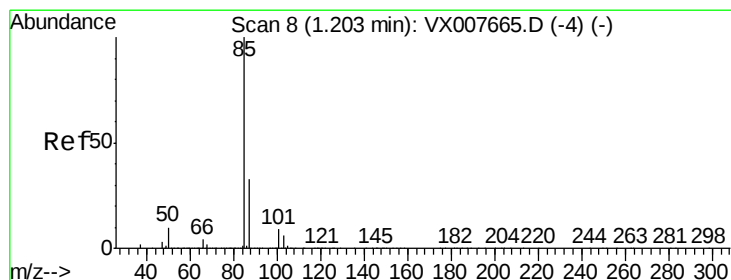
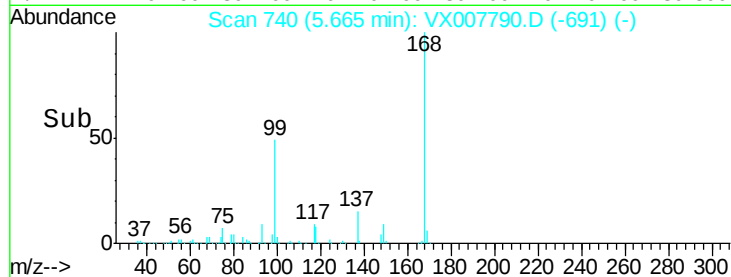
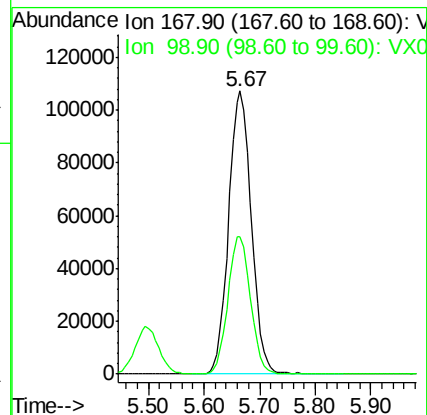
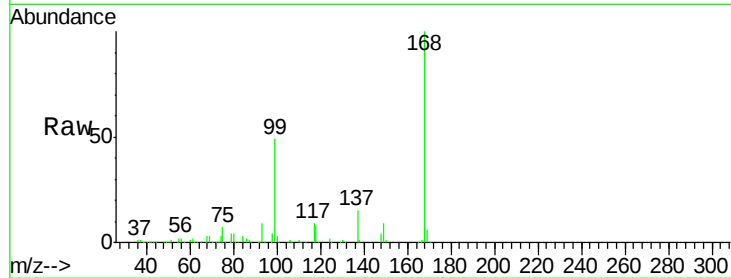
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	37.9	56.9

Manual Integrations
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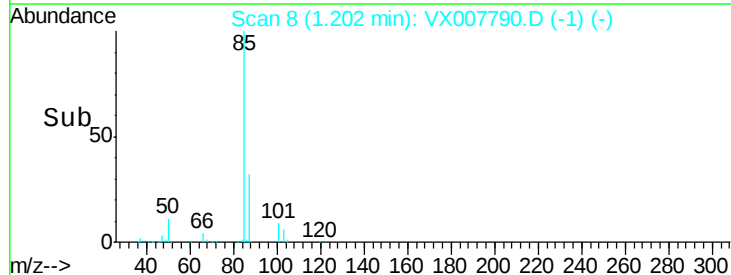
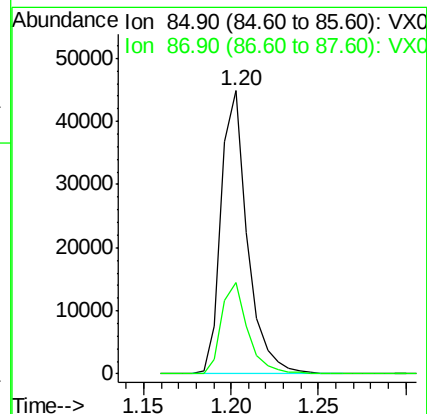
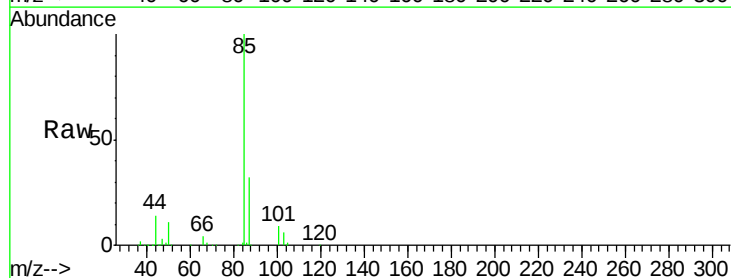
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 3/4/2019 1:36:23 PM



#2

Dichlorodifluoromethane
 Concen: 16.851 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.4





#3

Chloromethane

Concen: 18.201 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 50 Resp: 56158

Ion Ratio Lower Upper

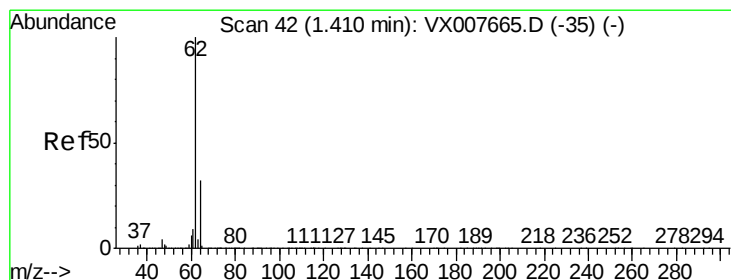
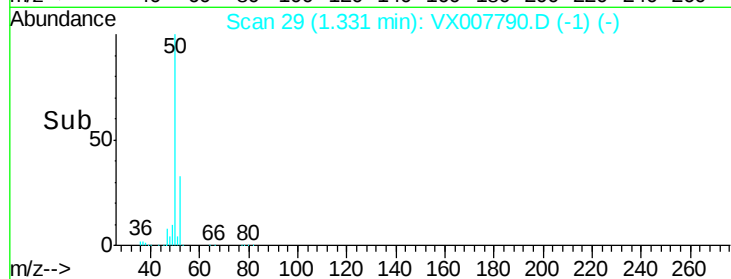
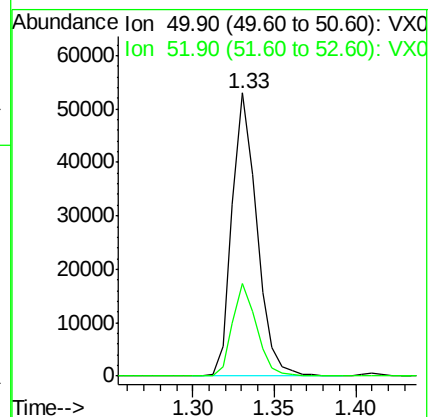
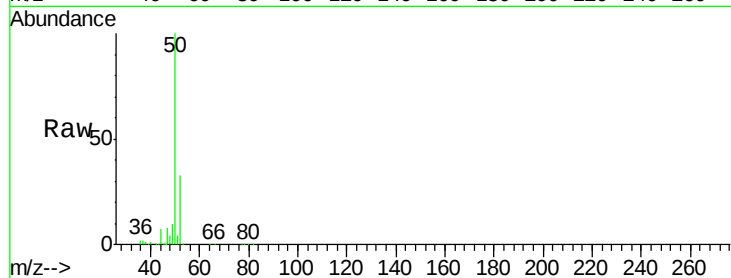
50 100

52 33.0 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.007 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007790.D

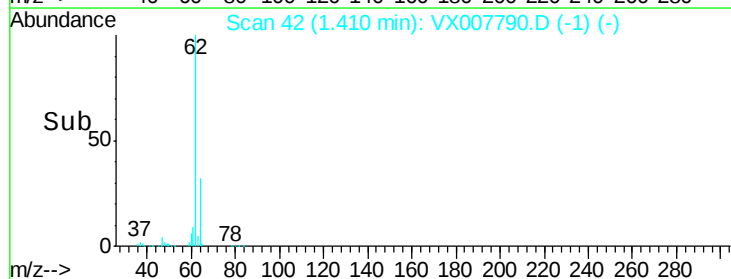
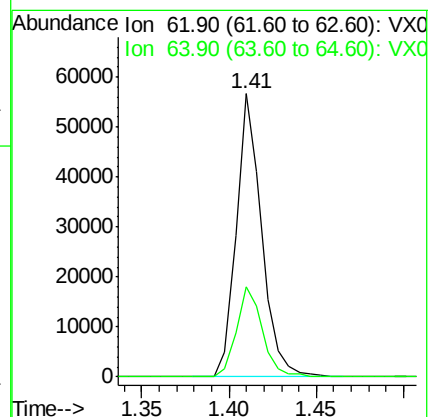
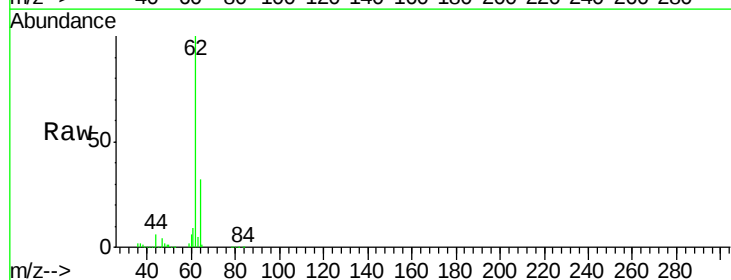
Acq: 01 Mar 2019 15:27

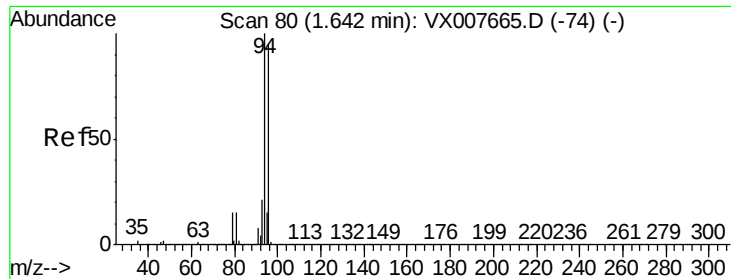
Tgt Ion: 62 Resp: 57000

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 16.308 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 94 Resp: 34606

Ion Ratio Lower Upper

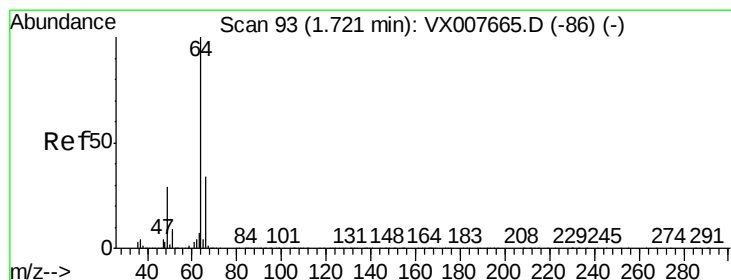
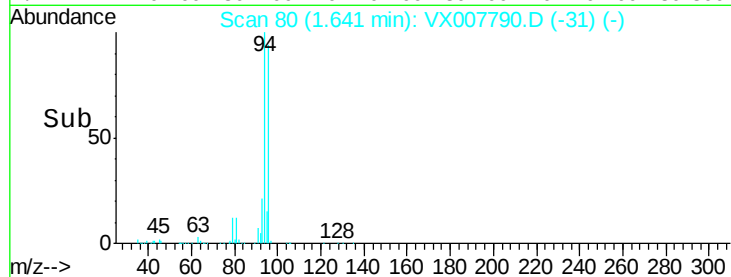
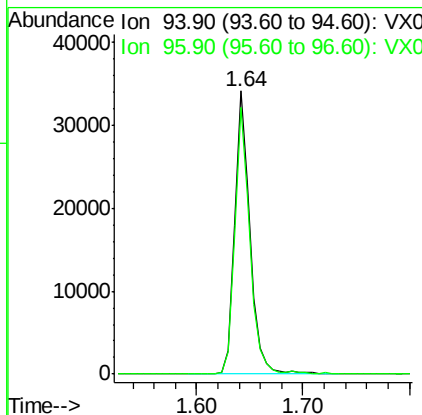
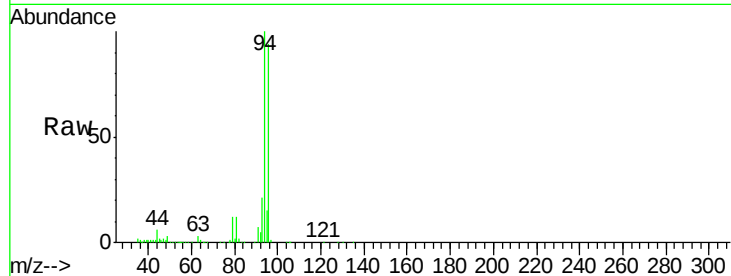
94 100

96 94.1 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 18.520 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007790.D

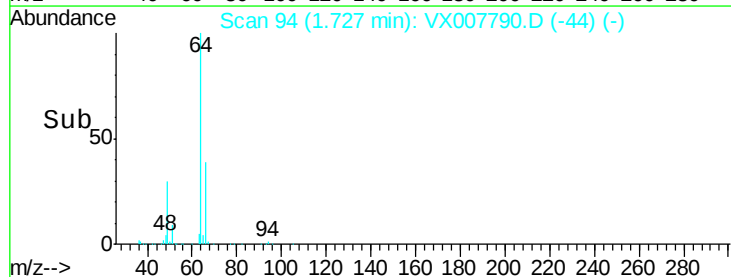
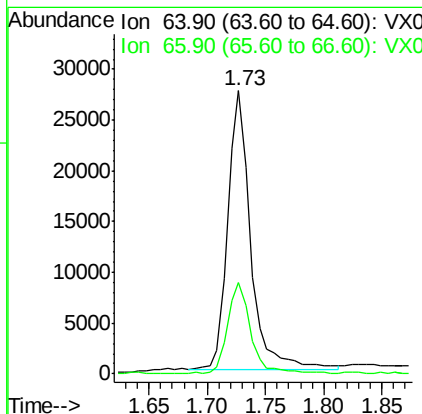
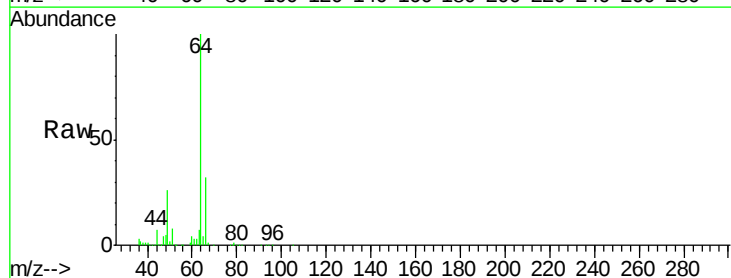
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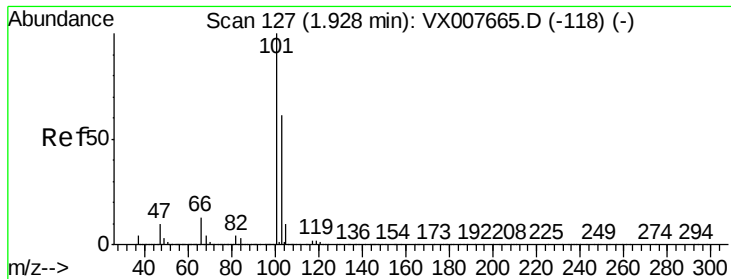
Tgt Ion: 64 Resp: 37454

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

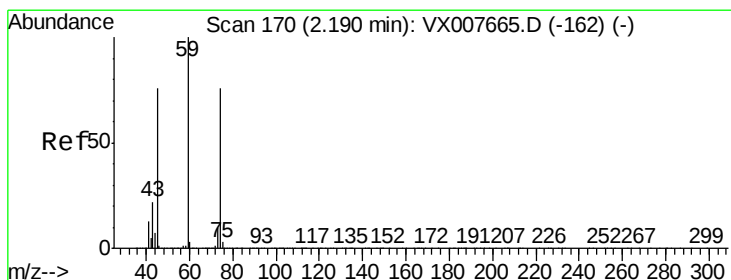
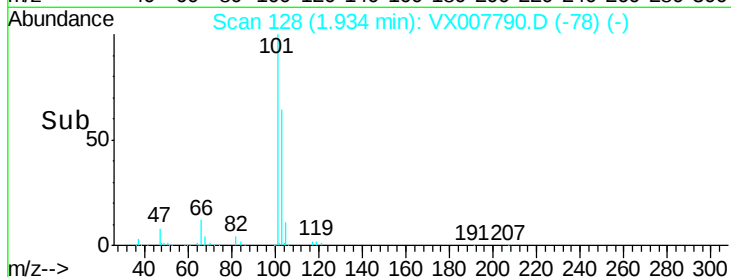
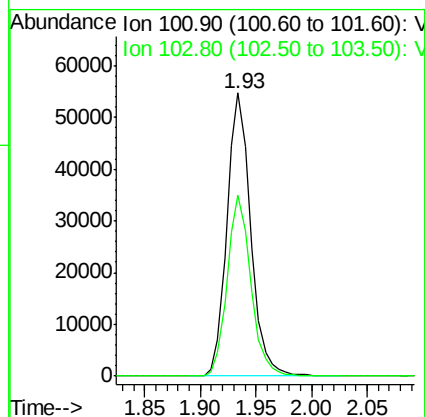
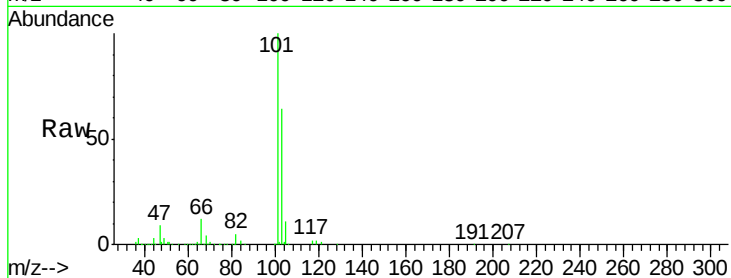
Trichlorofluoromethane
Concen: 16.616 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.6	79.0

Manual Integrations
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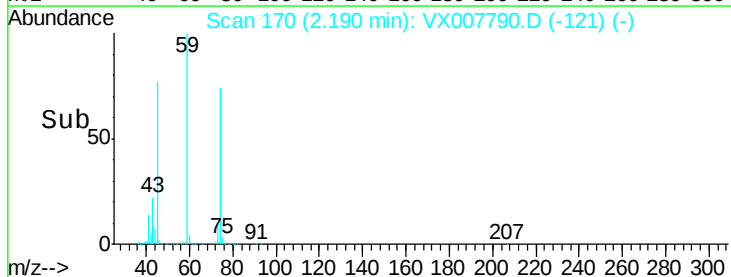
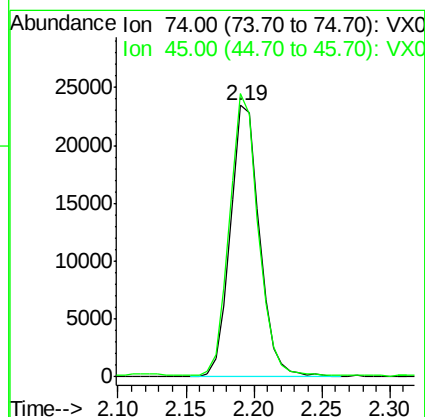
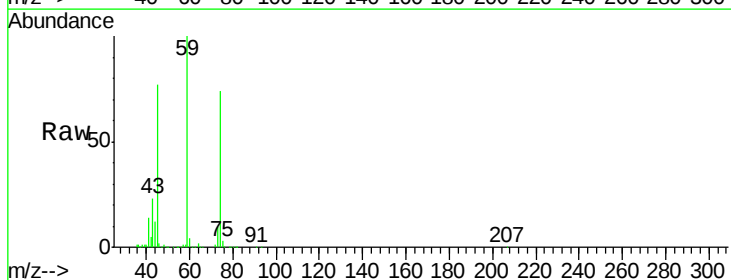
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3/4/2019 1:36:23 PM



#8

Diethyl Ether
Concen: 17.643 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.708 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

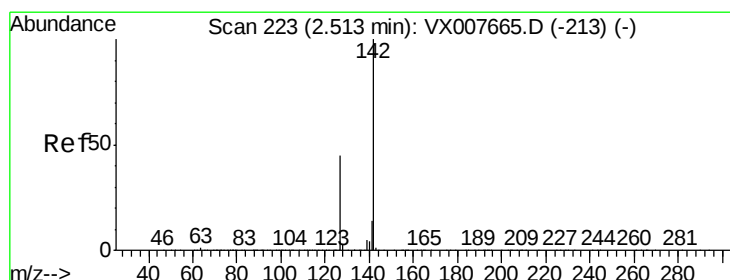
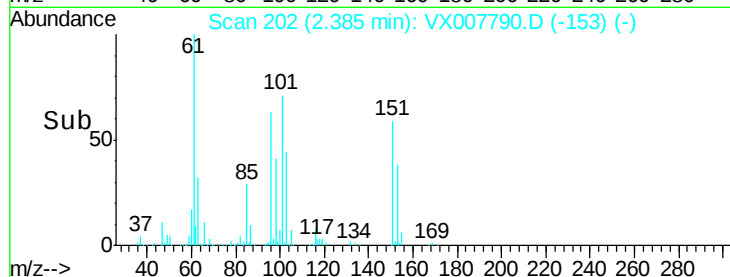
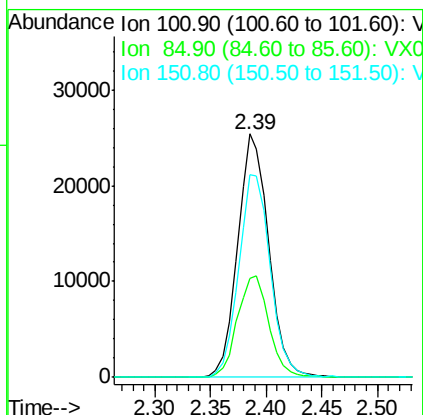
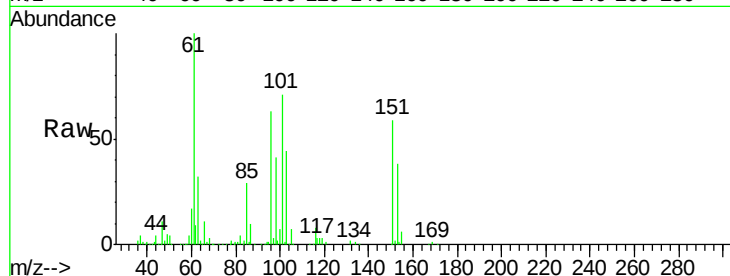
ClientSampleId :

VX0301WBSD01

Tot Ion:	101	Resp:	49004
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.1	51.1
151	85.3	69.9	104.9

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#10

Methyl Iodide

Concen: 18.705 ug/l

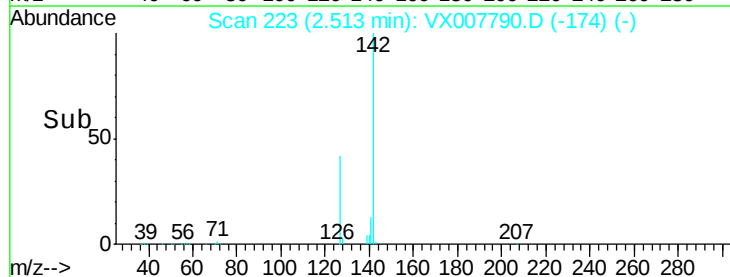
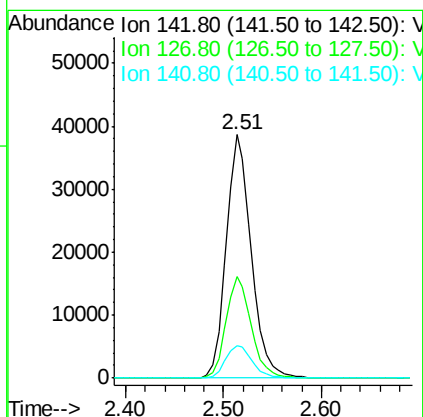
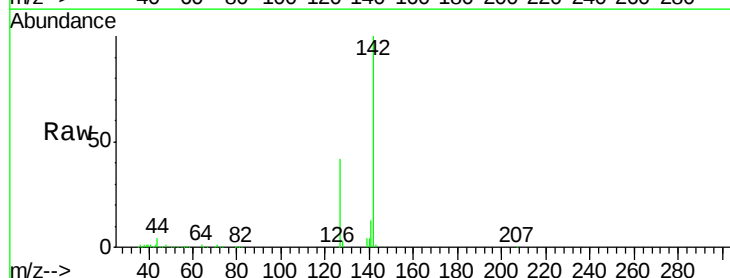
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	142	Resp:	68314
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.7	50.5
141	14.3	11.3	16.9





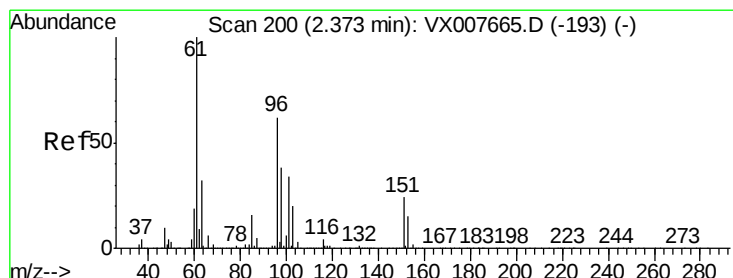
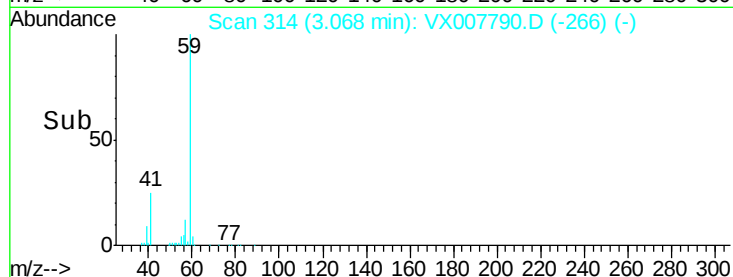
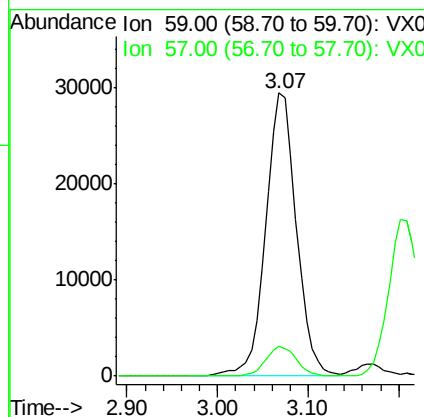
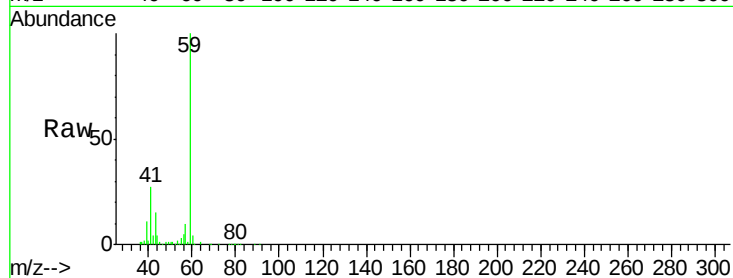
#11
Tert butyl alcohol
Concen: 97.311 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	69125		
57	57	10.6		8.1	12.1

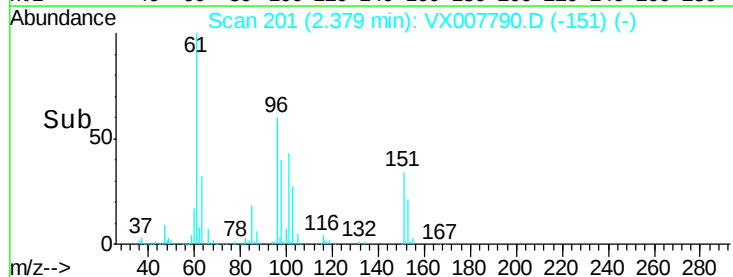
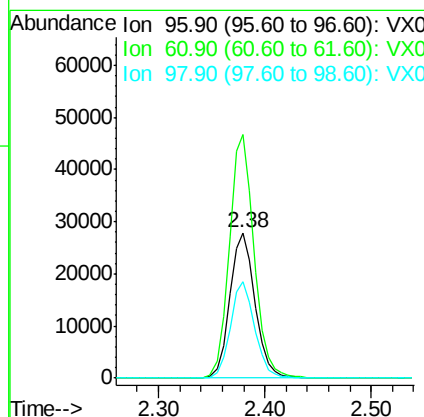
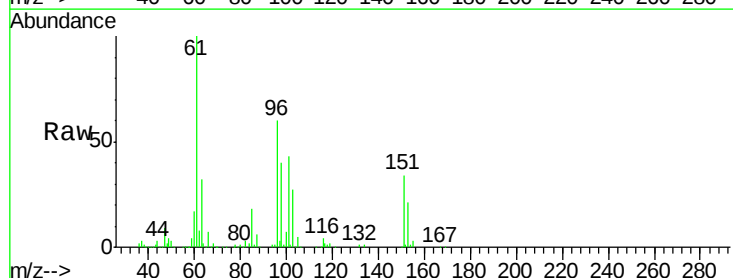
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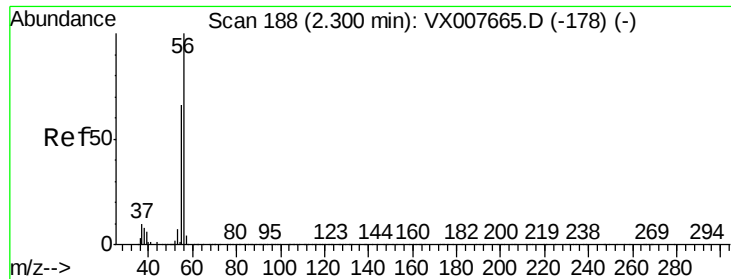
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#12
1,1-Dichloroethene
Concen: 17.438 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	46104		
61	61	167.2		123.0	184.4
98	98	66.3		50.9	76.3





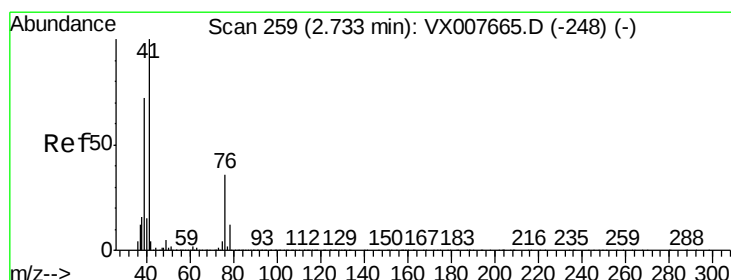
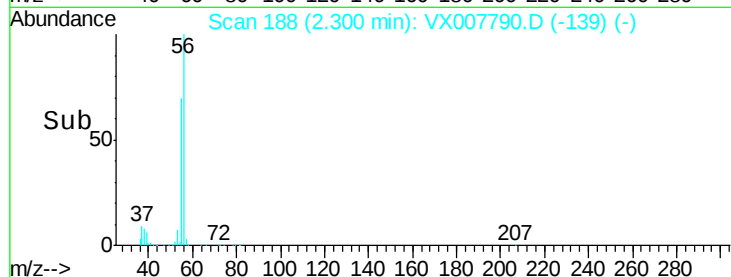
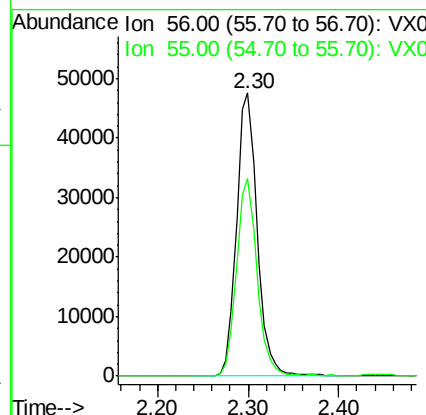
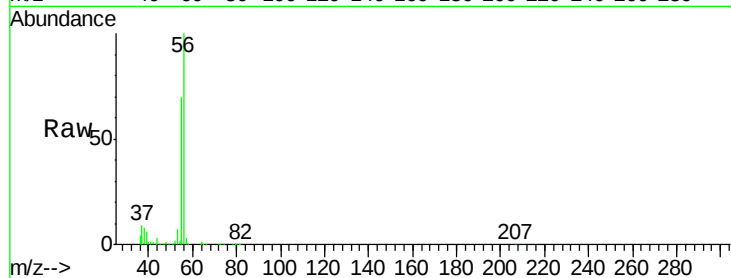
#13
Acrolein
Concen: 119.532 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	56	Resp	75452
Ion Ratio	100	Lower	Upper
55	69.5	56.9	85.3

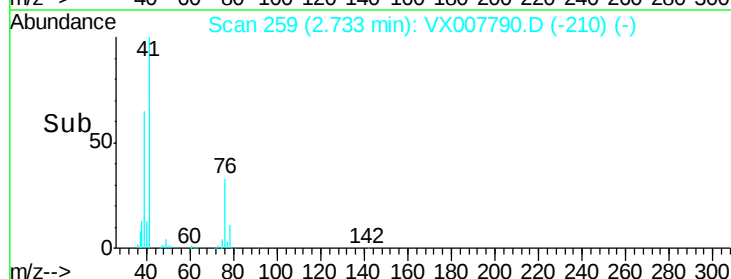
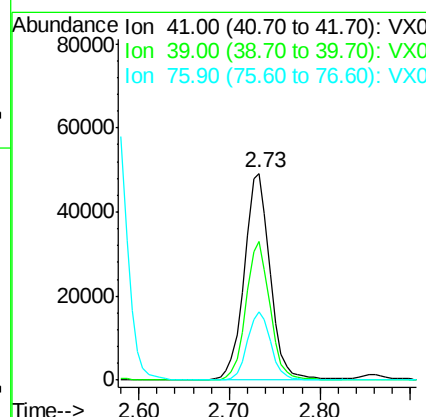
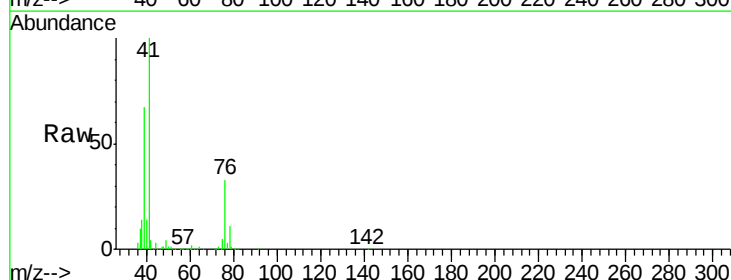
Manual Integrations
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#14
Allyl chloride
Concen: 19.770 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	41	Resp	96644
Ion Ratio	100	Lower	Upper
39	61.8	54.1	81.1
76	30.0	27.8	41.8





#15

Acrylonitrile

Concen: 98.659 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

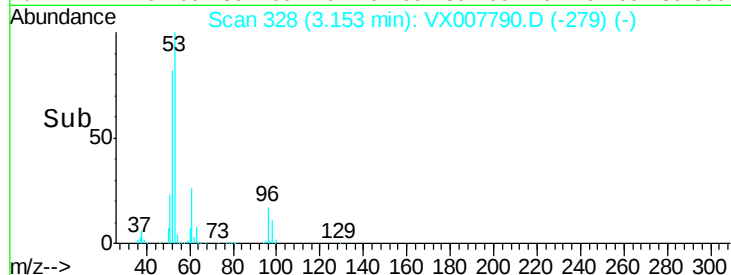
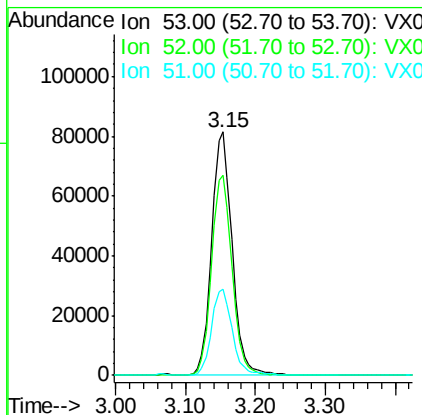
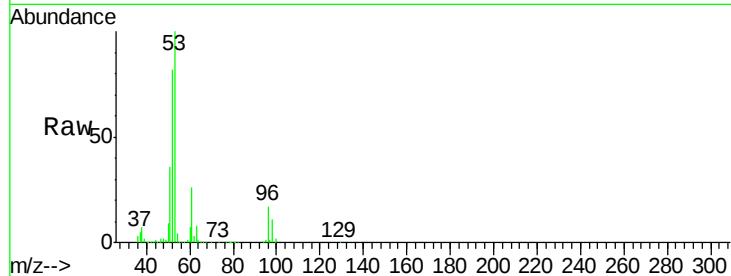
ClientSampleId :

VX0301WBSD01

Tot Ion:	53	Resp:	164925
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 91.302 ug/l

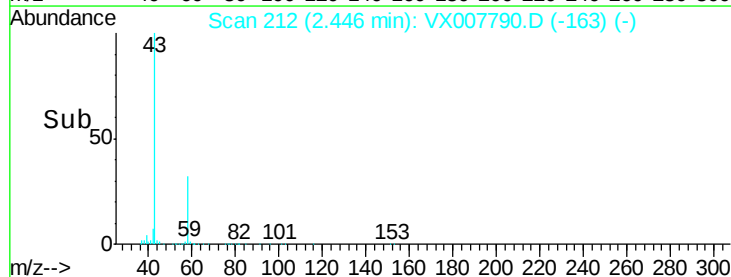
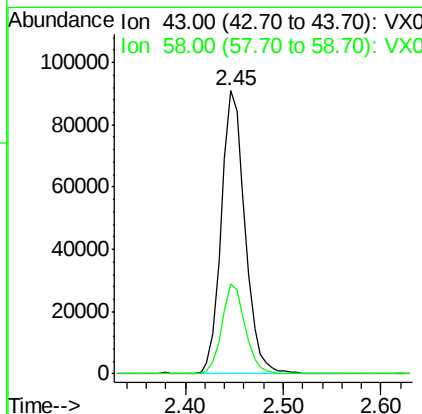
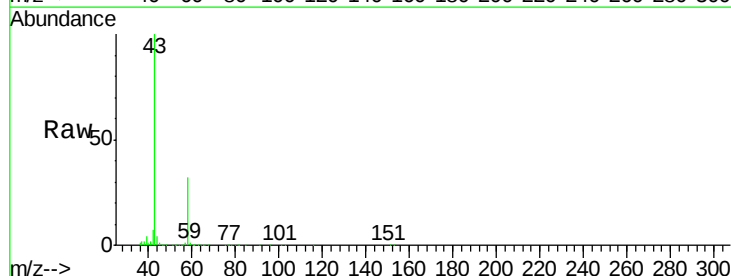
RT: 2.45 min Scan# 212

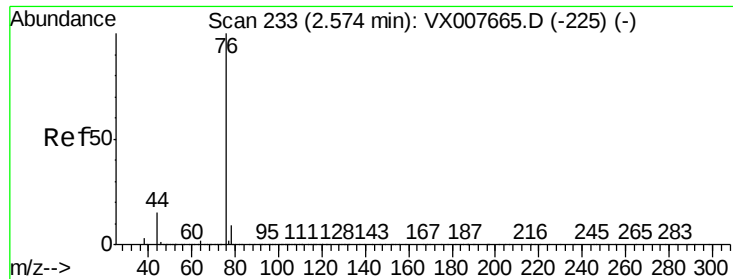
Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	43	Resp:	152010
Ion Ratio		Lower	Upper
43	100		
58	31.7	24.9	37.3





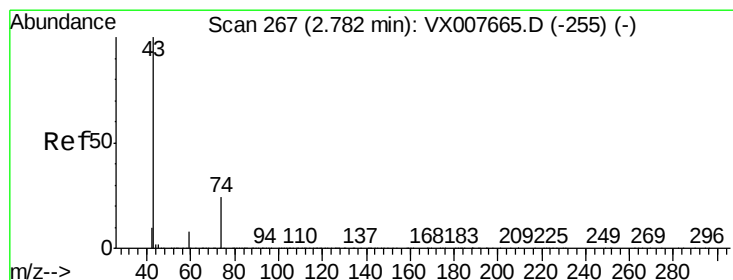
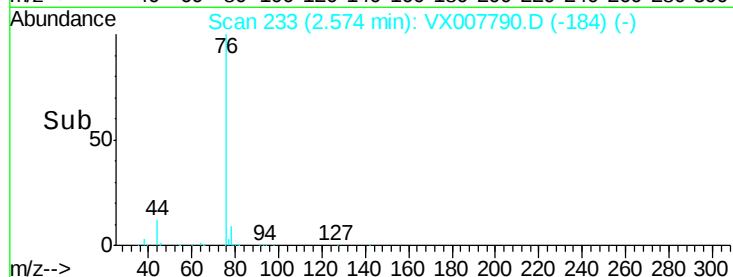
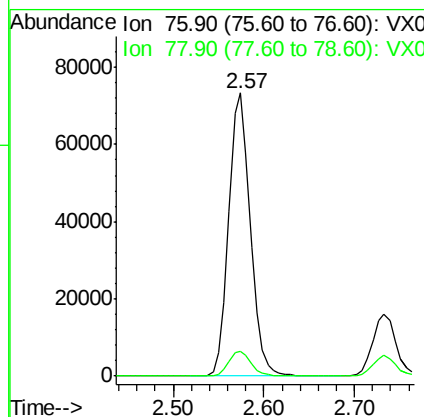
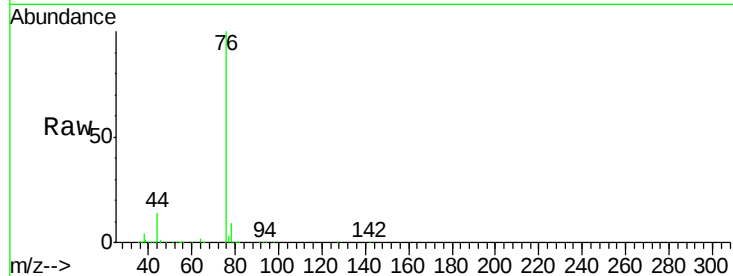
#17
Carbon Disulfide
Concen: 16.529 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

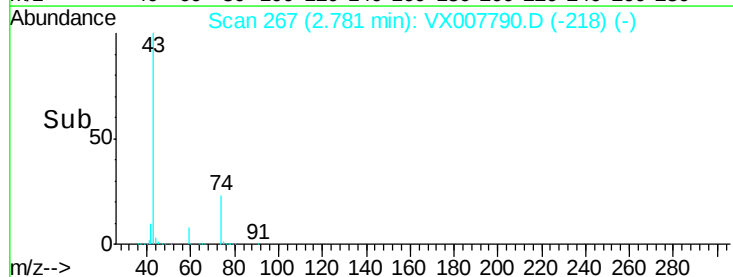
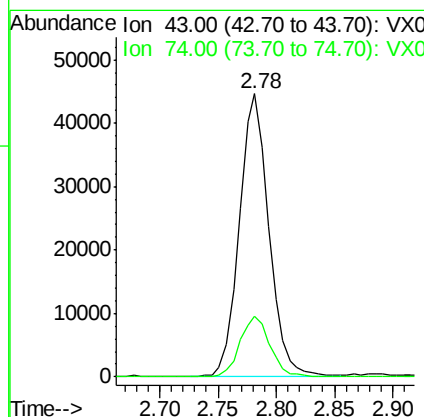
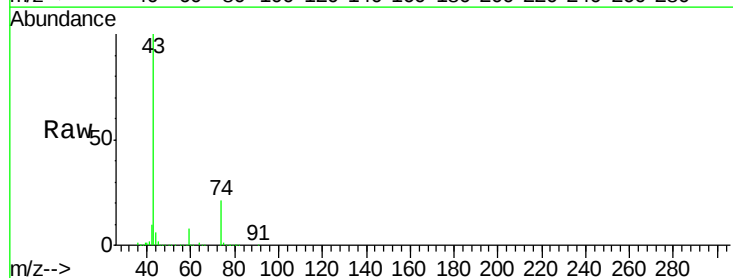
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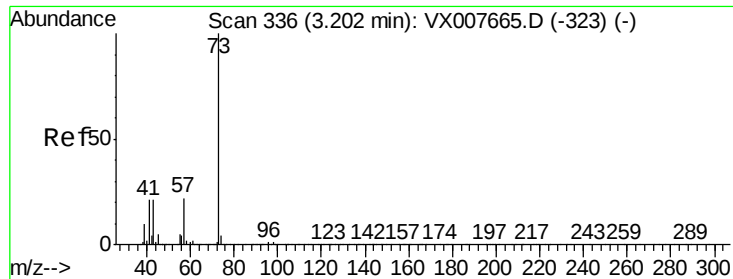
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#18
Methyl Acetate
Concen: 21.589 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	19.4	29.2





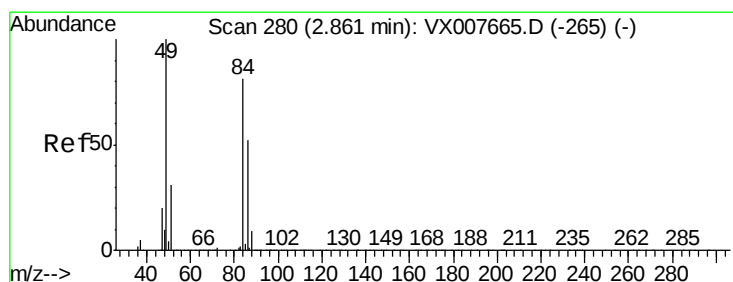
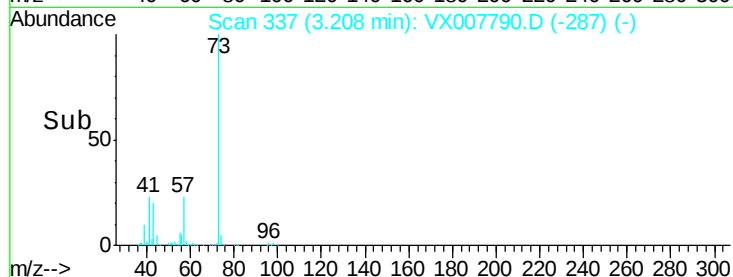
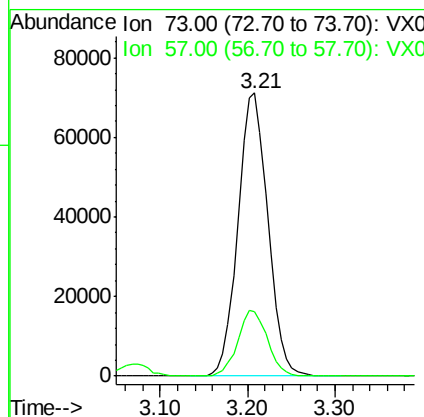
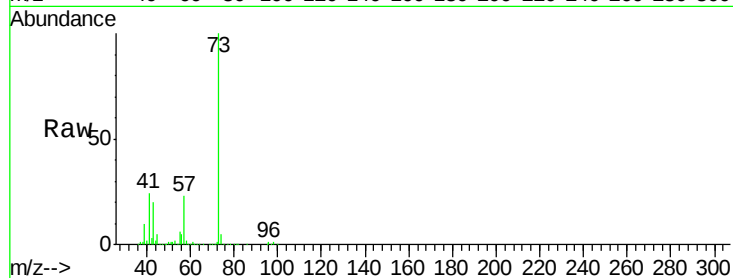
#19
Methvl tert-butvl Ether
Concen: 18.421 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion: 73 Resp: 169594
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.8

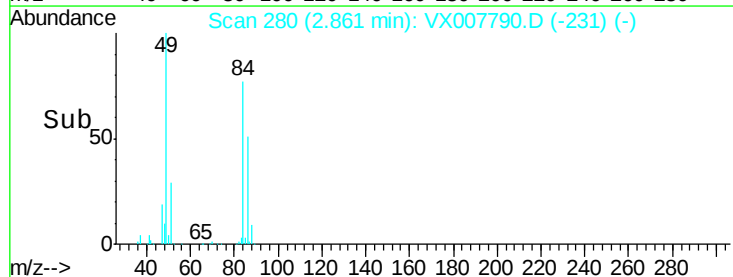
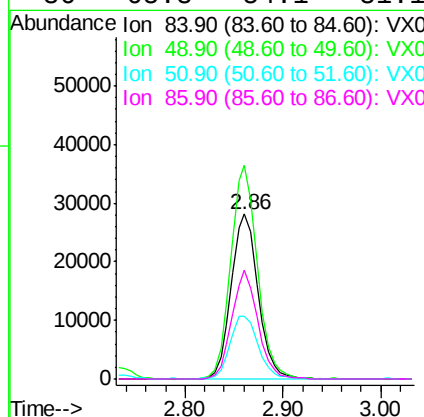
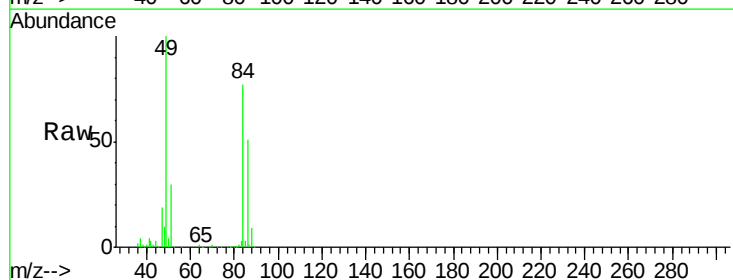
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#20
Methylene Chloride
Concen: 17.480 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion: 84 Resp: 53740
Ion Ratio Lower Upper
84 100
49 129.4 94.8 142.2
51 38.2 29.8 44.8
86 65.8 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.473 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

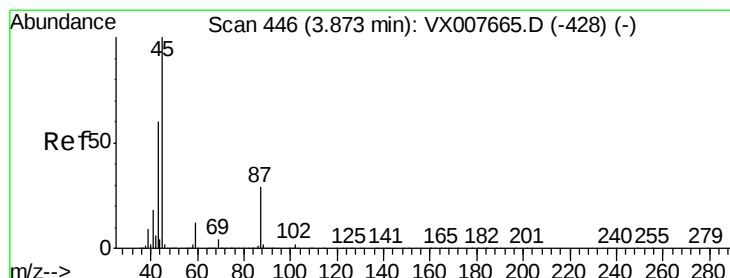
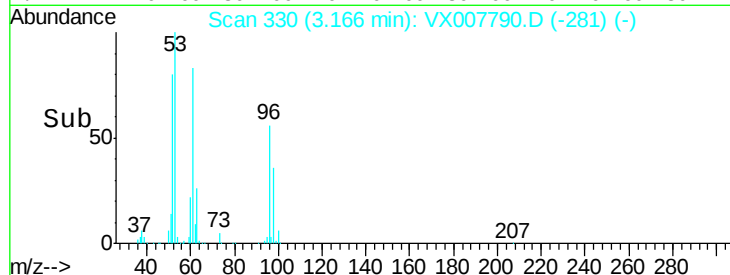
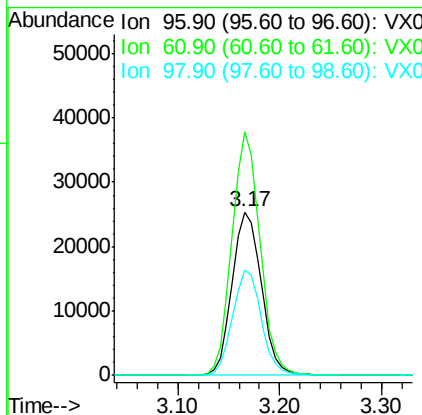
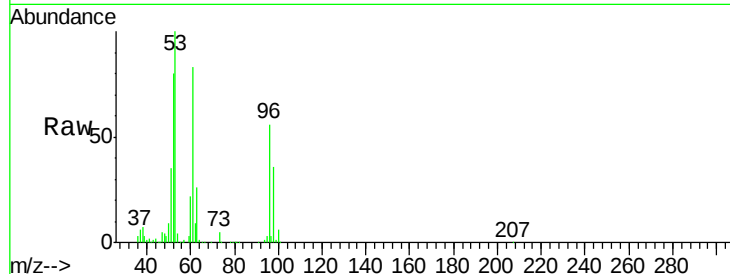
ClientSampleId :

VX0301WBSD01

Tot Ion:	96	Resp:	50220
Ion	Ratio	Lower	Upper
96	100		
61	149.0	104.6	156.8
98	64.7	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.172 ug/l

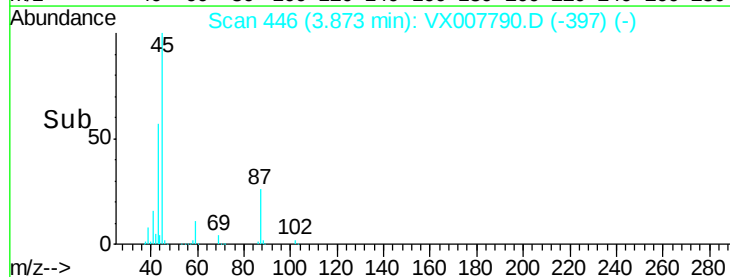
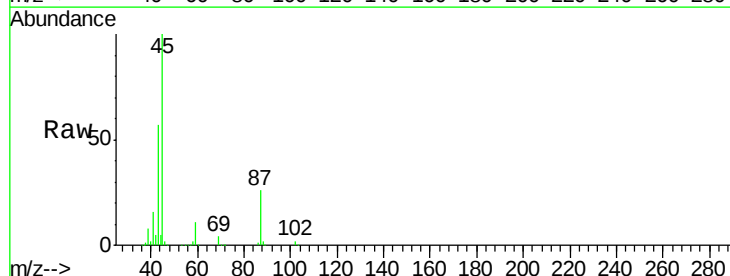
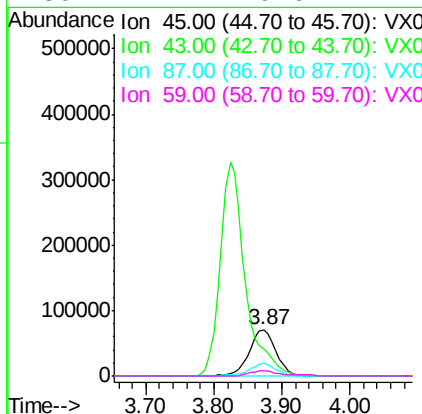
RT: 3.87 min Scan# 446

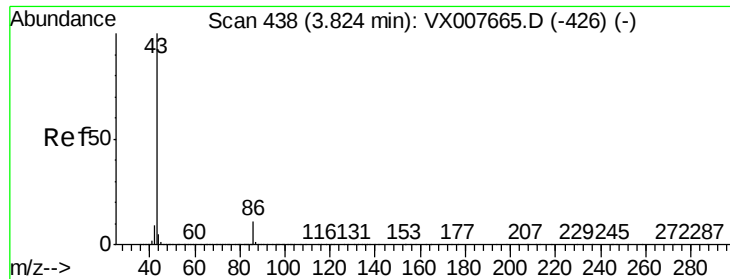
Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	45	Resp:	195099
Ion	Ratio	Lower	Upper
45	100		
43	56.6	48.9	73.3
87	26.4	23.9	35.9
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 93.441 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tot Ion: 43 Resp: 834280

Ion Ratio Lower Upper

43 100

86 10.1 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

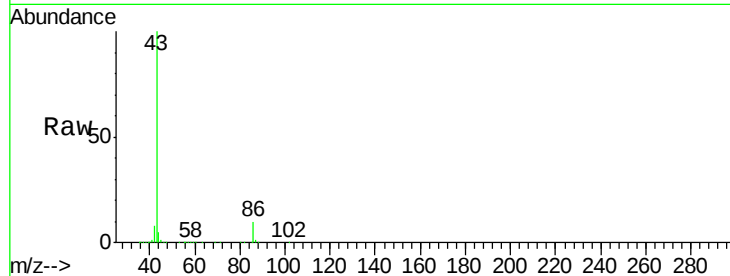
VX0301WBSD01

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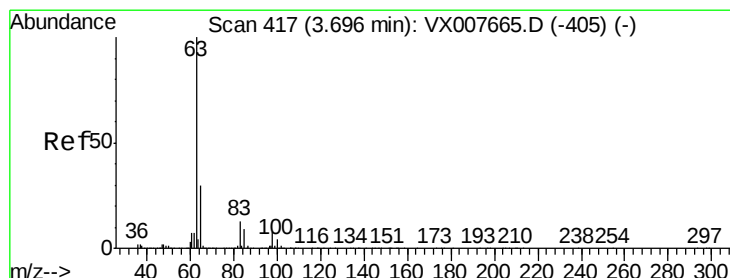
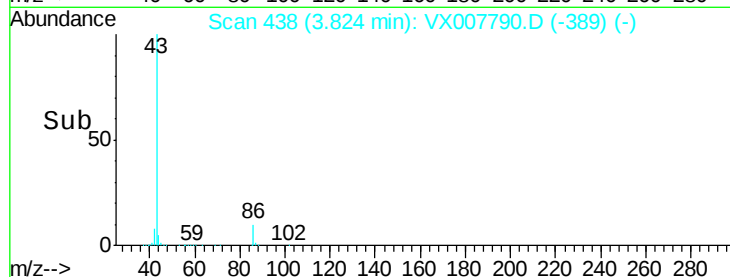
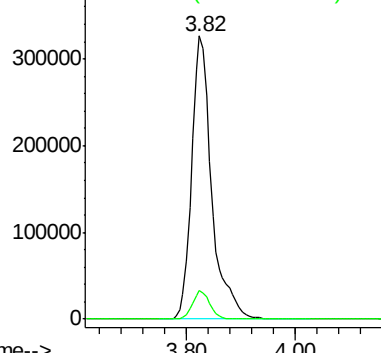
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.583 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

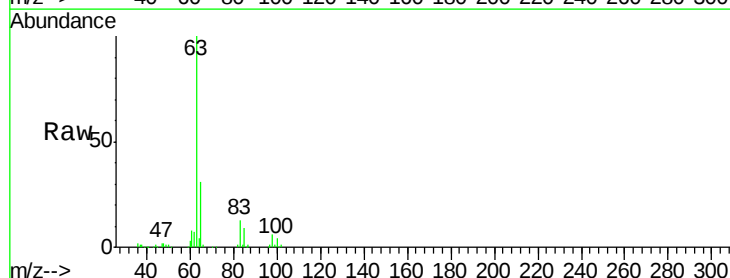
Tgt Ion: 63 Resp: 102775

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

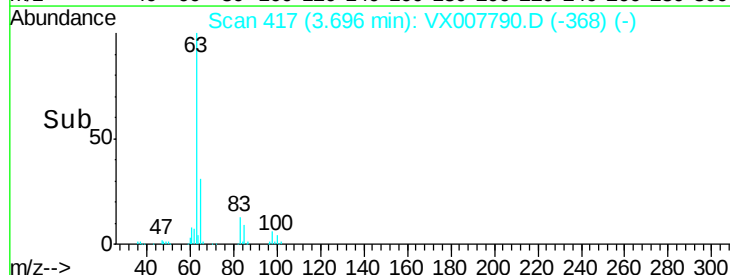
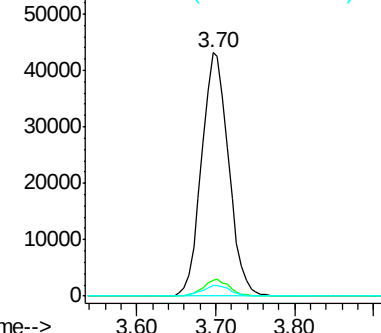
100 4.1 2.5 7.4

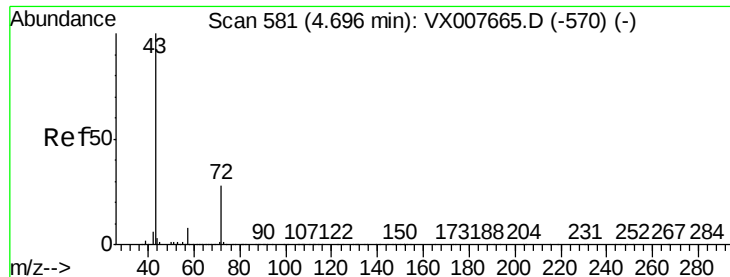


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.646 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 43 Resp: 247640

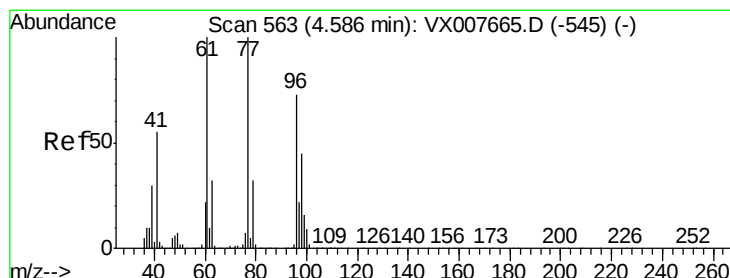
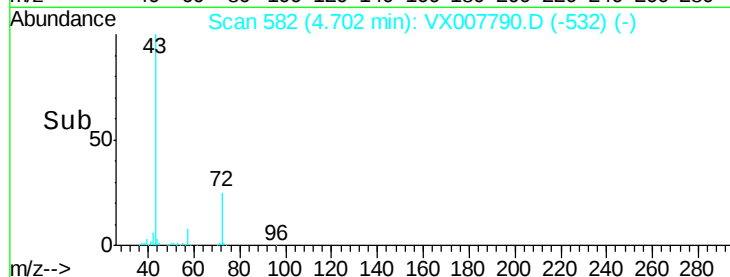
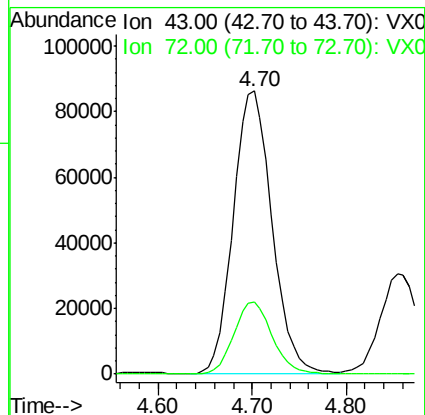
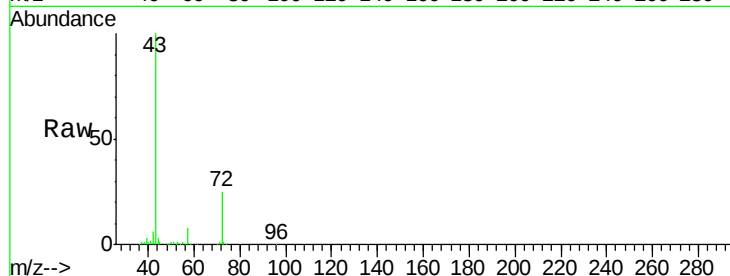
Ion Ratio Lower Upper

43 100

72 25.4 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 16.322 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007790.D

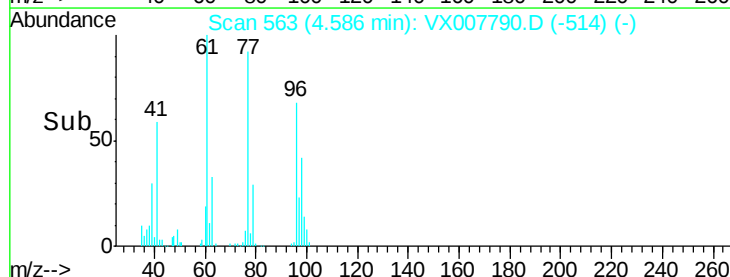
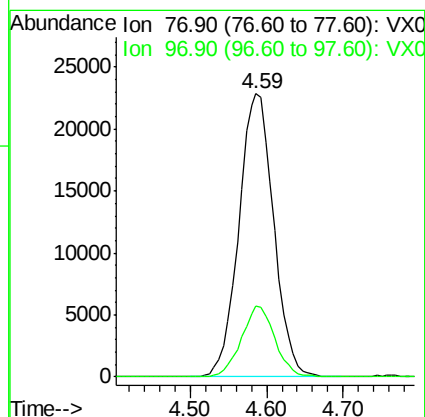
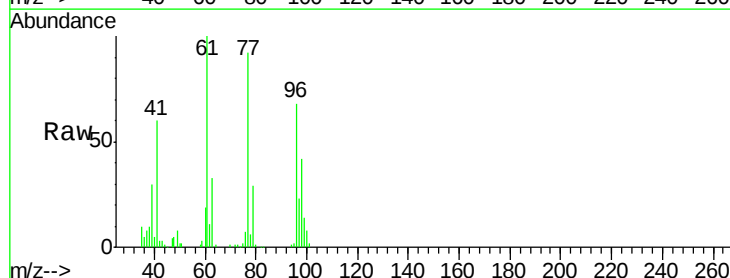
Acq: 01 Mar 2019 15:27

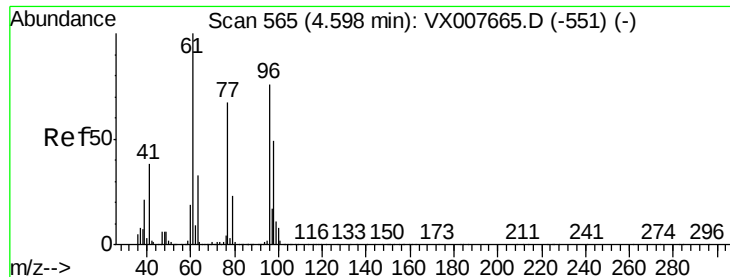
Tgt Ion: 77 Resp: 72059

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3





#27

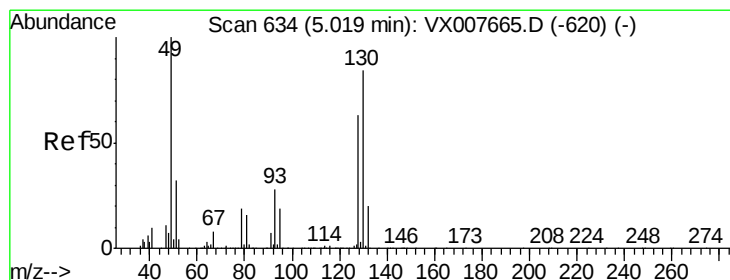
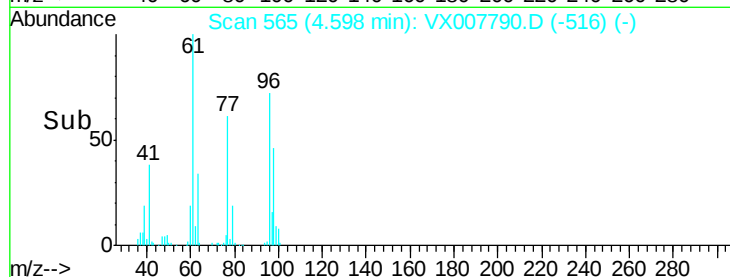
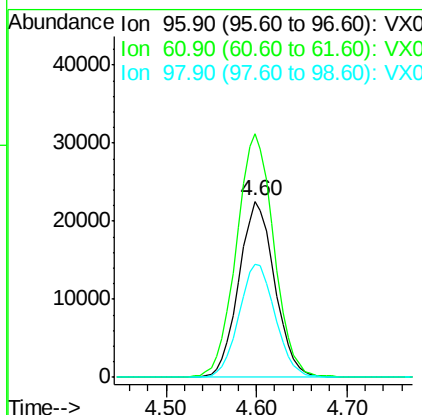
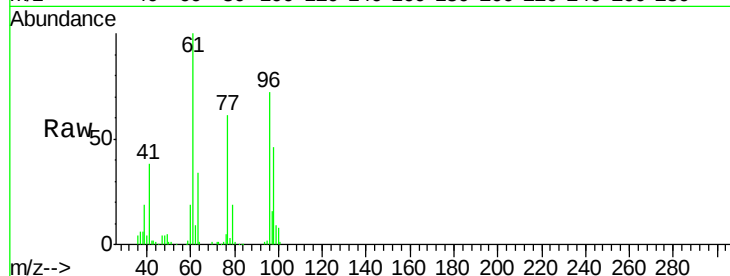
cis-1,2-Dichloroethene
Concen: 16.952 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	265.6
98	65.0	0.0	131.6

Manual Integrations
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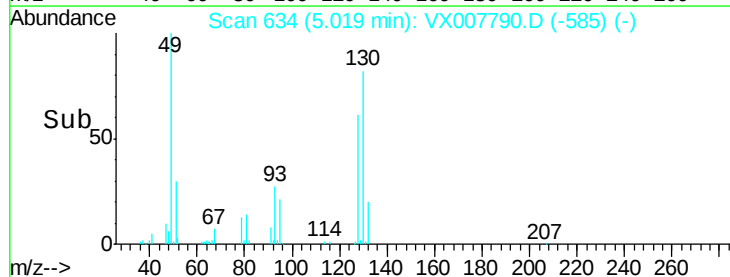
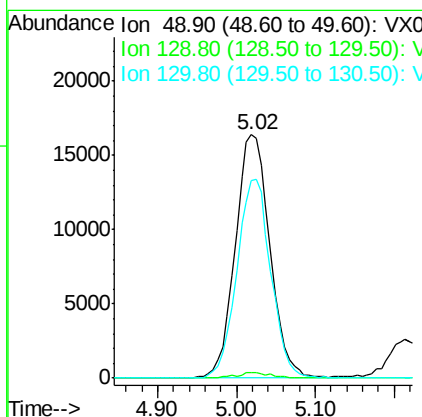
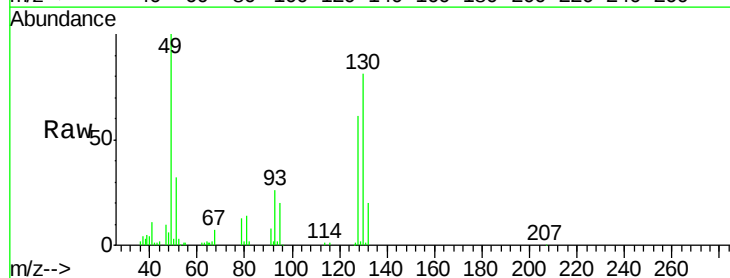
MMDadoda
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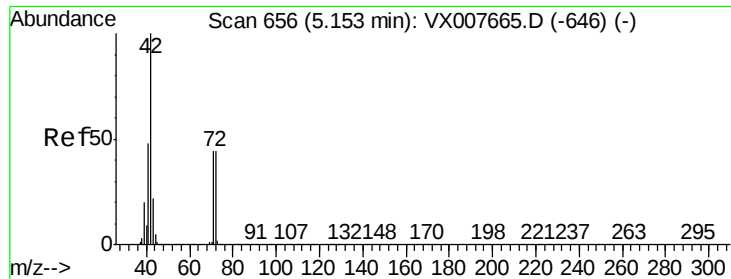


#28

Bromochloromethane
Concen: 18.580 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.6
130	79.9	75.6	113.4





#29

Tetrahydrofuran

Concen: 96.748 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

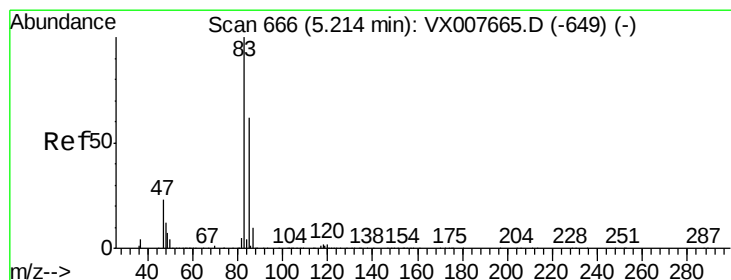
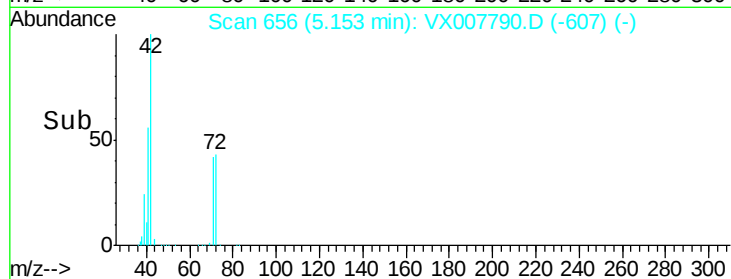
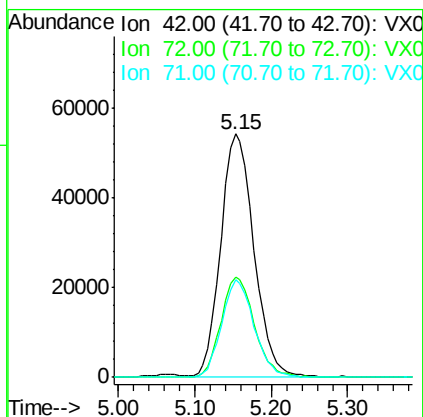
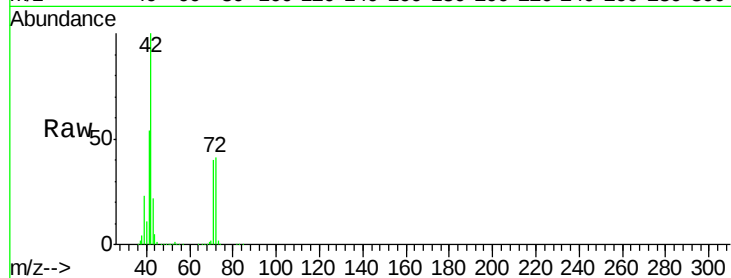
ClientSampleId :

VX0301WBSD01

Tot Ion:	42	Resp:	161736
Ion Ratio		Lower	Upper
42	100		
72	41.9	37.6	56.4
71	39.4	34.6	51.8

Manual Integrations
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#30

Chloroform

Concen: 17.179 ug/l

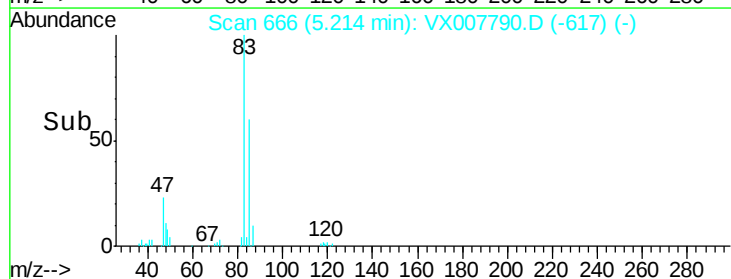
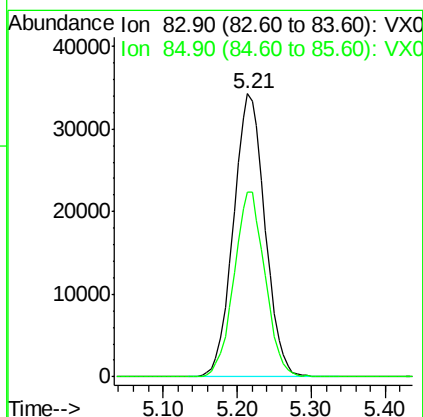
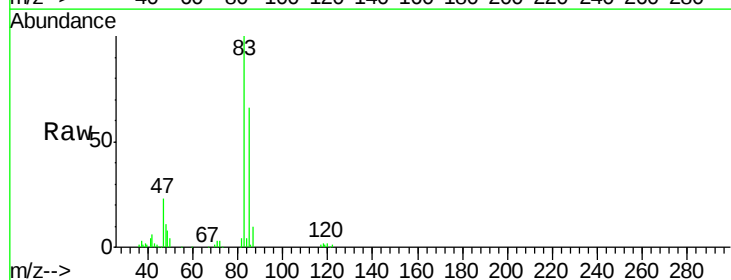
RT: 5.21 min Scan# 666

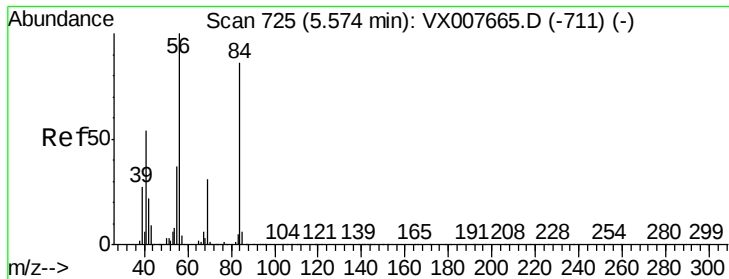
Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	83	Resp:	101772
Ion Ratio		Lower	Upper
83	100		
85	65.5	51.6	77.4





#31

Cyclohexane

Concen: 17.572 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

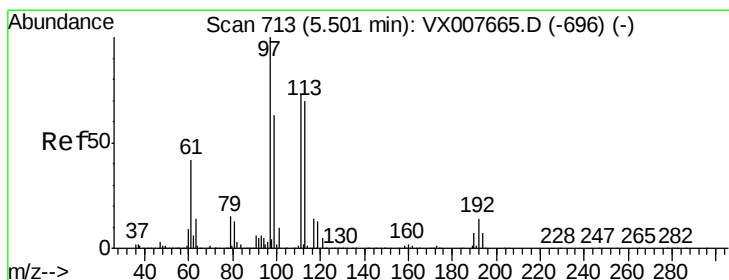
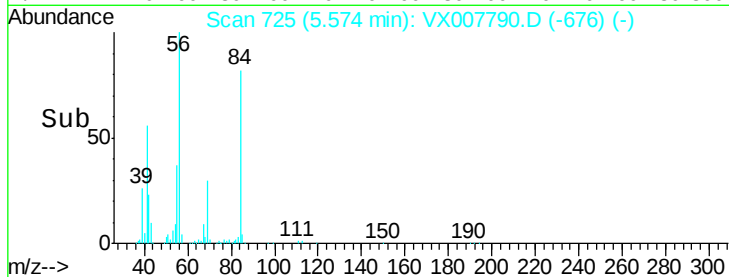
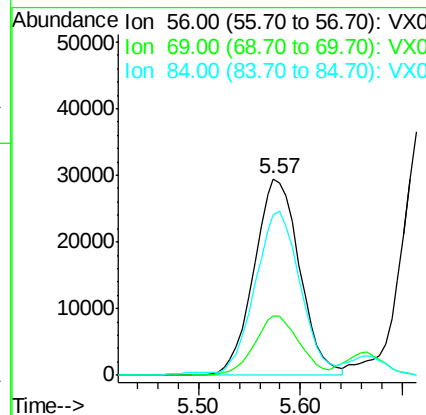
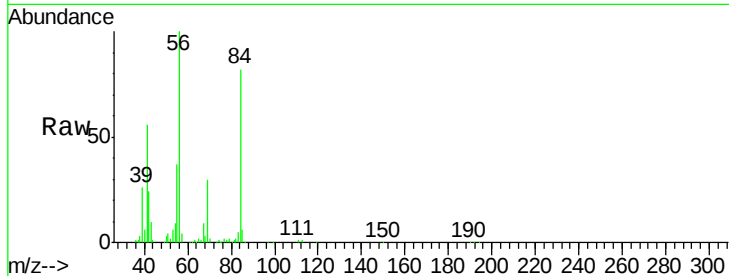
ClientSampleId :

VX0301WBSD01

Tot Ion:	56	Resp:	91414
Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.0	34.6
84	80.3	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.194 ug/l

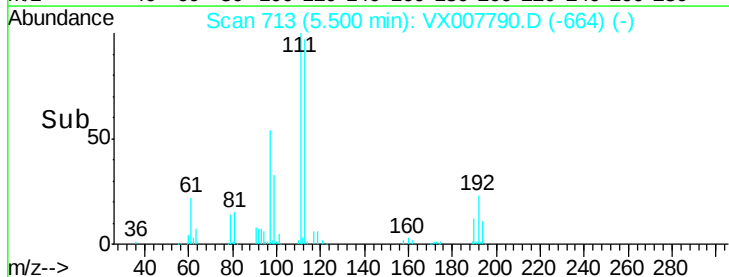
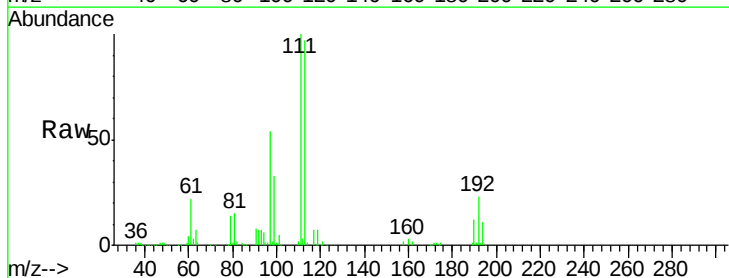
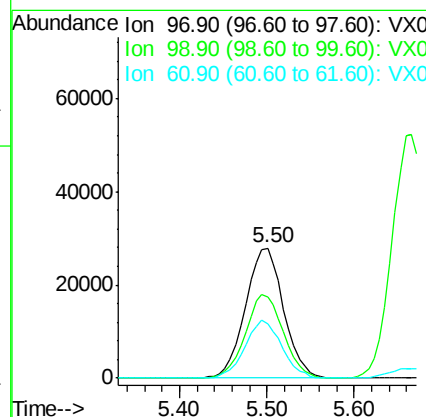
RT: 5.50 min Scan# 713

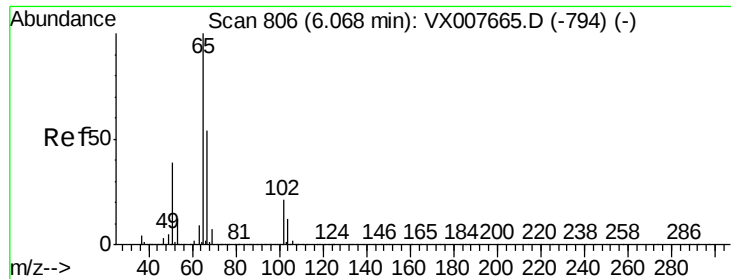
Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	97	Resp:	84243
Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.2	78.2
61	43.4	32.7	49.1





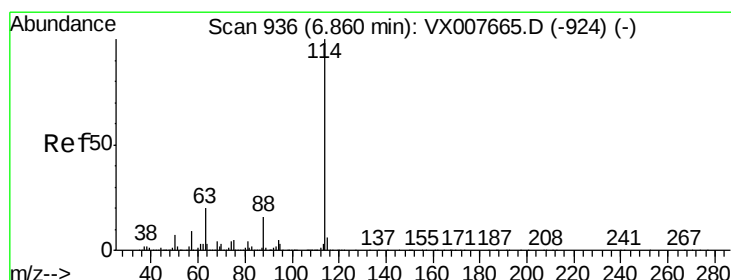
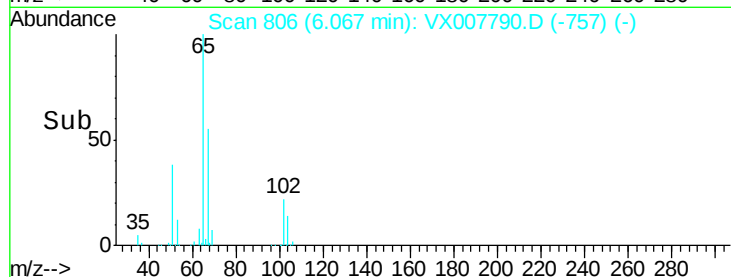
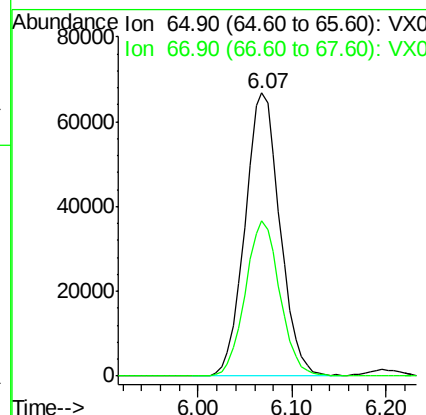
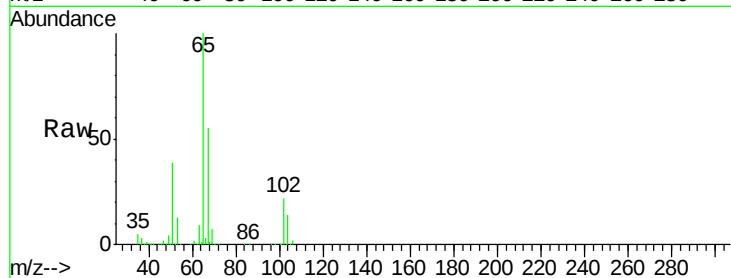
#33
 1,2-Dichloroethane-d4
 Concen: 46.348 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173523		
67	54.3	0.0	108.8	

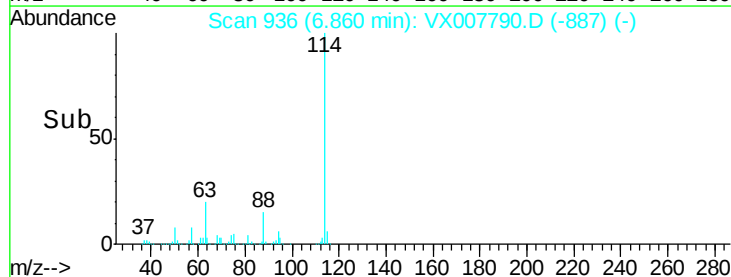
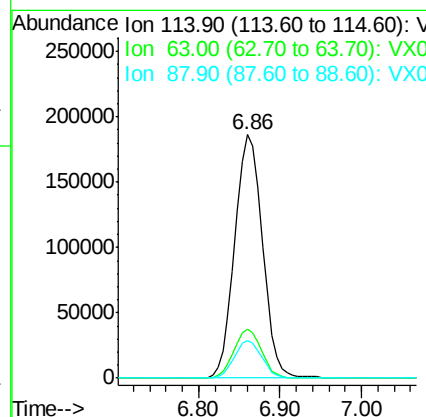
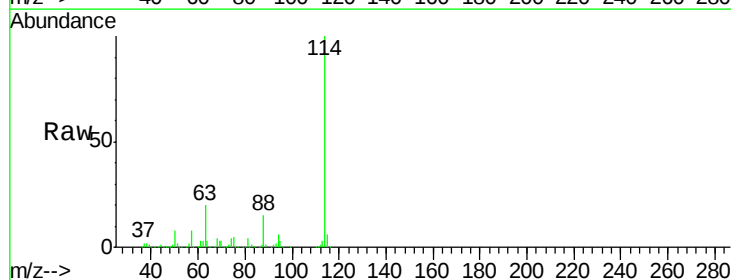
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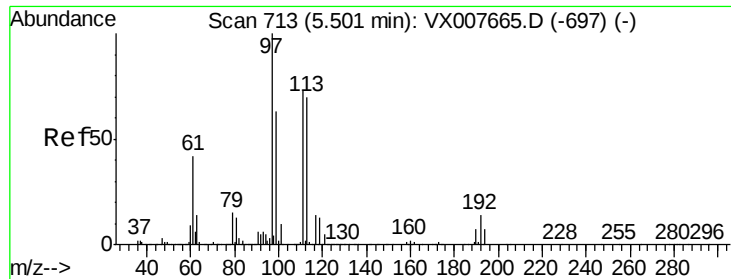
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	437686		
63	20.1	0.0	35.6	
88	15.4	0.0	29.6	





#35

Dibromofluoromethane

Concen: 50.425 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

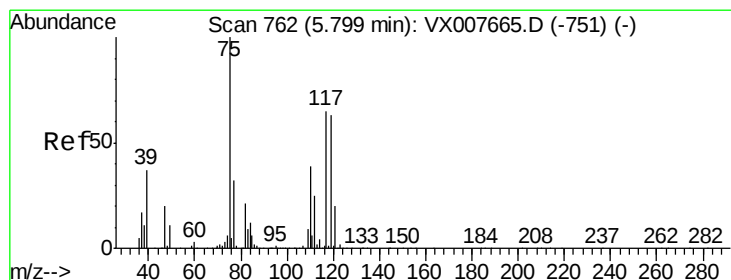
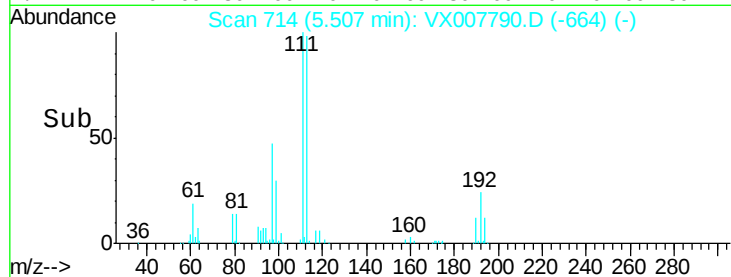
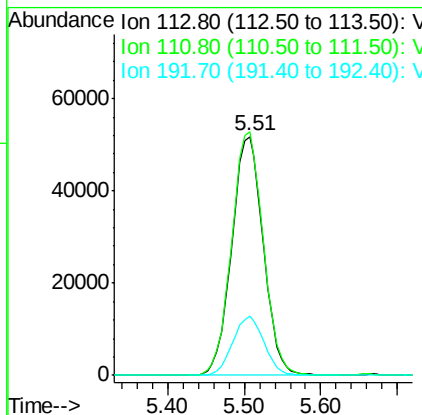
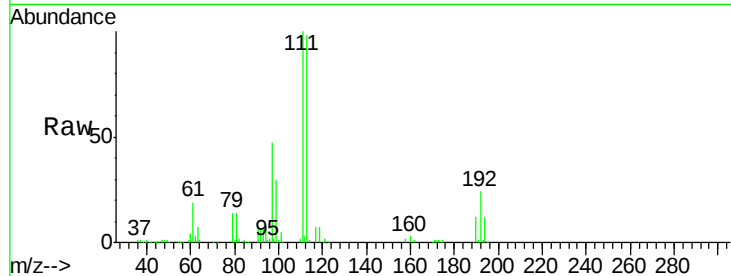
ClientSampled :

VX0301WBSD01

Tot Ion:	113	Resp:	147534
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.8	122.8
192	24.5	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.666 ug/l

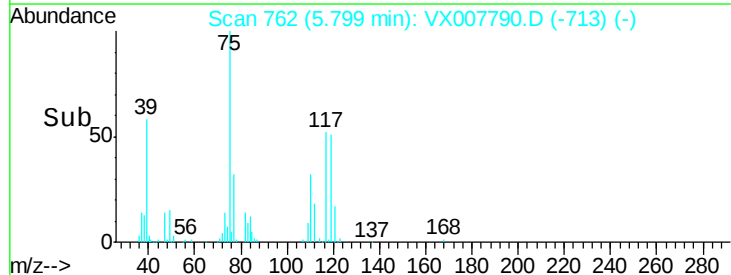
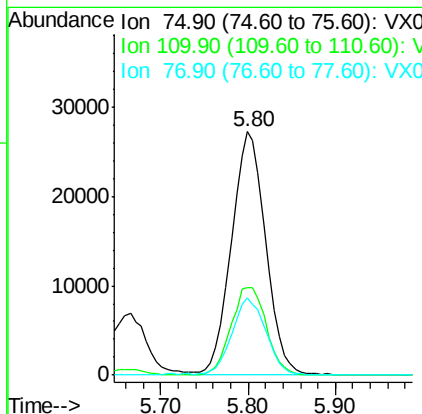
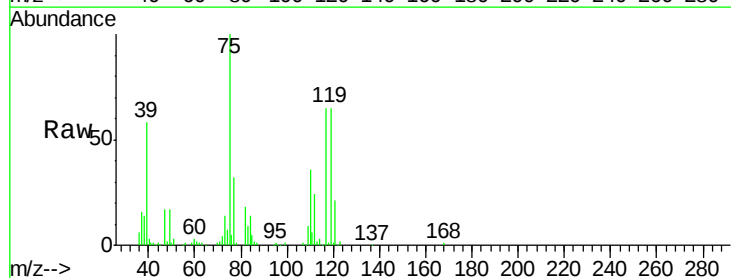
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	75	Resp:	73450
Ion Ratio	Lower	Upper	
75	100		
110	37.6	20.0	59.9
77	31.7	24.7	37.1





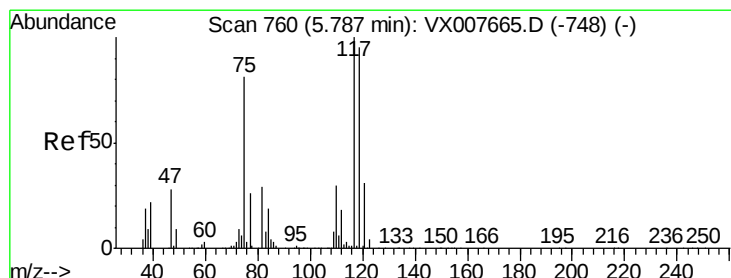
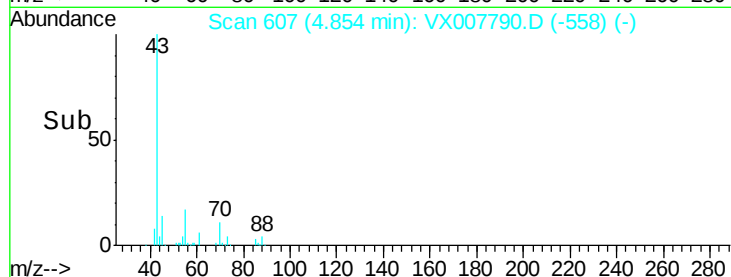
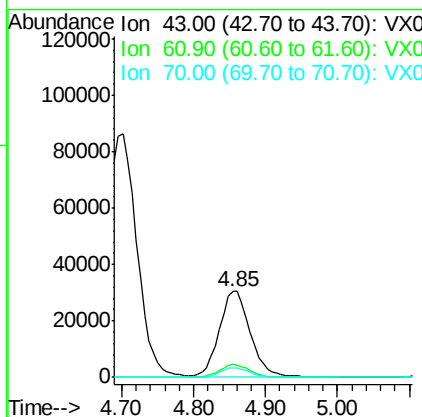
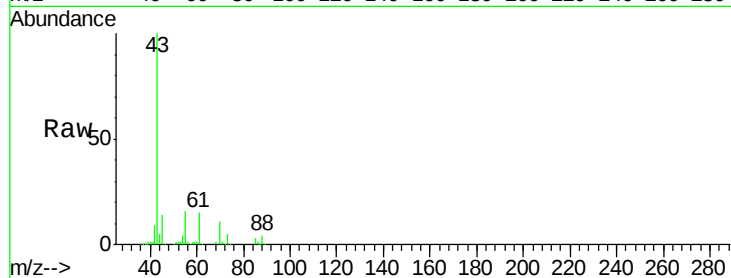
#37
Ethyl Acetate
Concen: 20.729 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion:	43	Resp:	90608
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	10.6	8.6	13.0

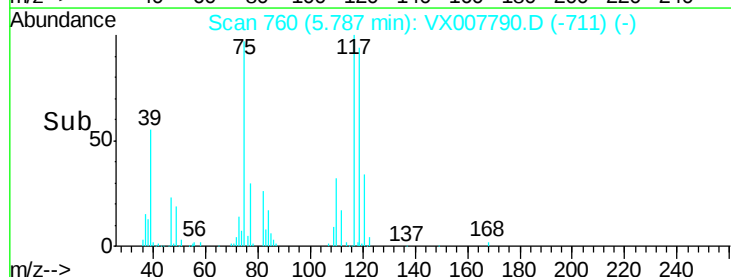
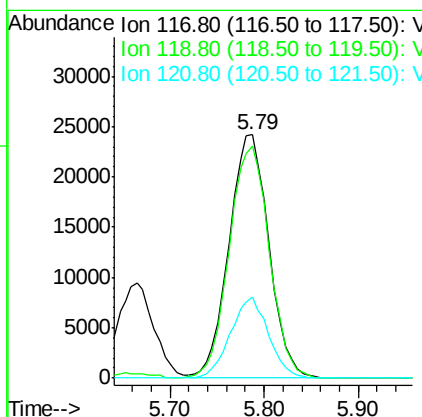
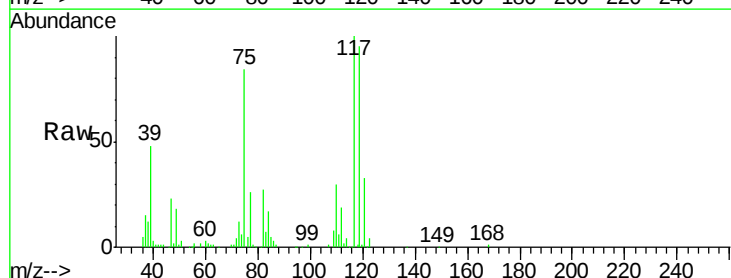
Manual Integrations
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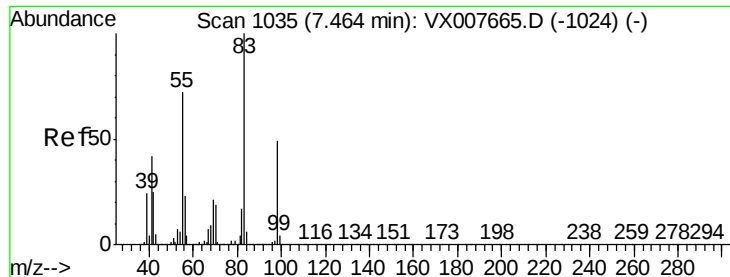
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#38
Carbon Tetrachloride
Concen: 18.065 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion:	117	Resp:	71406
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.3	112.9
121	33.2	25.0	37.4





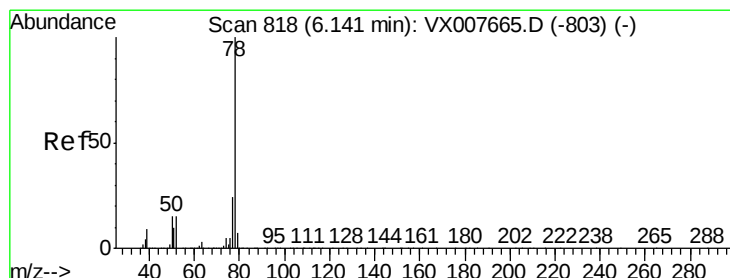
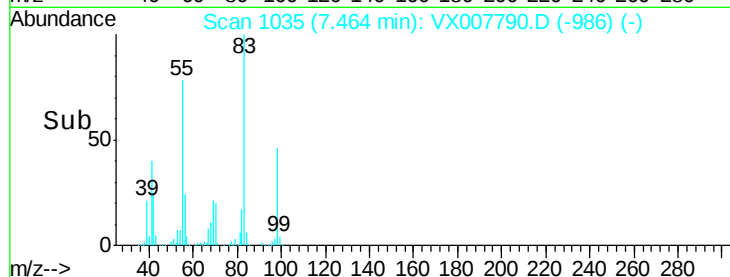
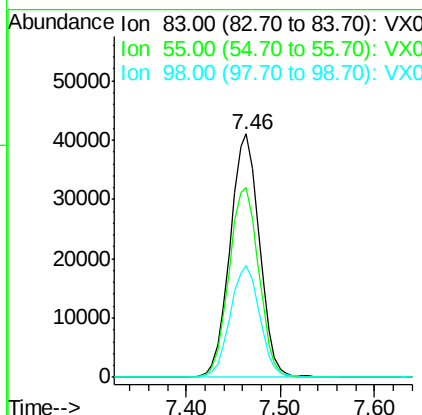
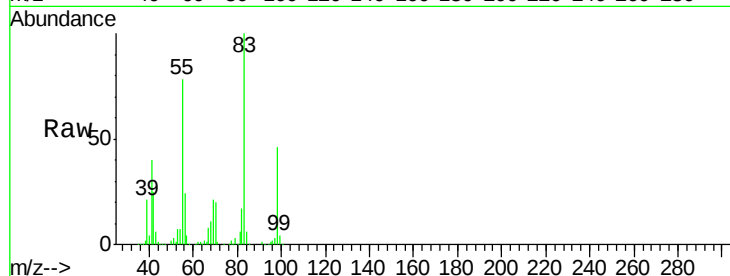
#39
Methvlcvclohexane
Concen: 17.903 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	56.2	84.2
98	45.9	36.8	55.2

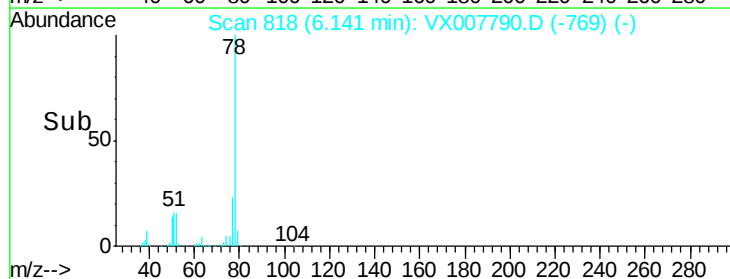
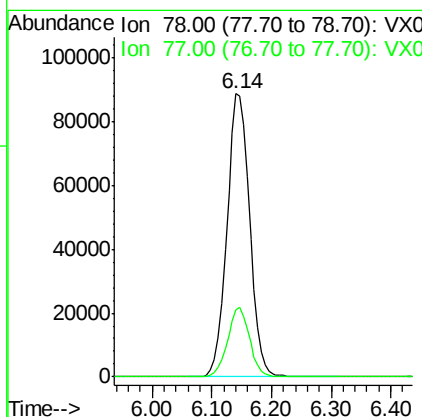
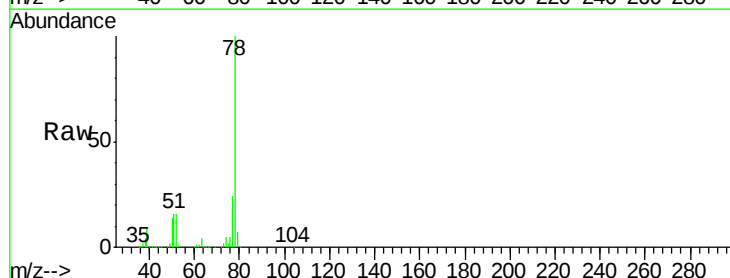
Manual Integrations
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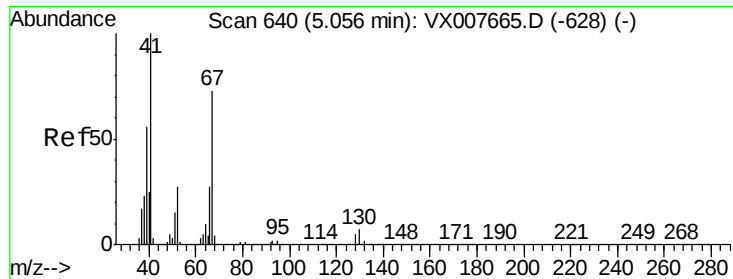
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#40
Benzene
Concen: 19.338 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





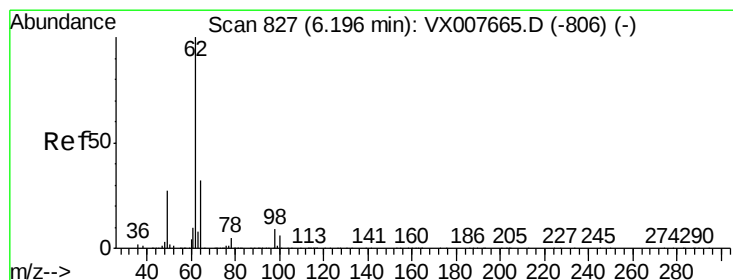
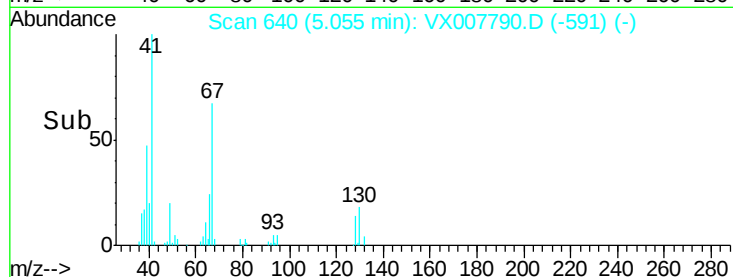
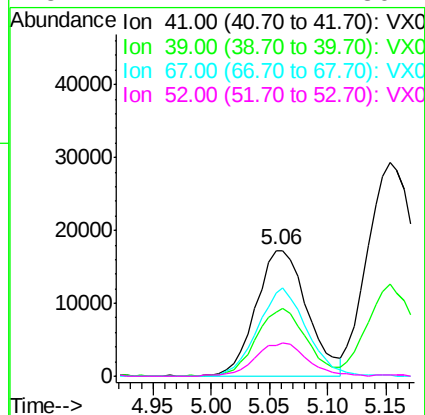
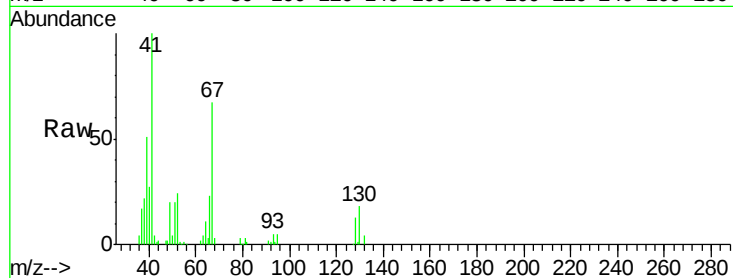
#41
Methacrylonitrile
Concen: 22.443 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	44.5	66.7	
67	67.3	60.4	90.6	
52	27.4	24.1	36.1	

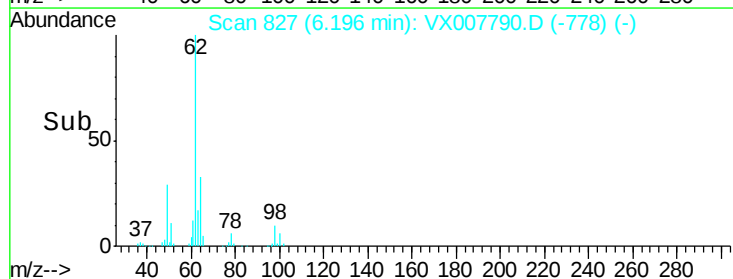
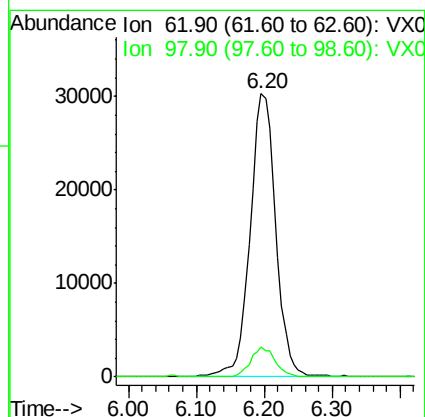
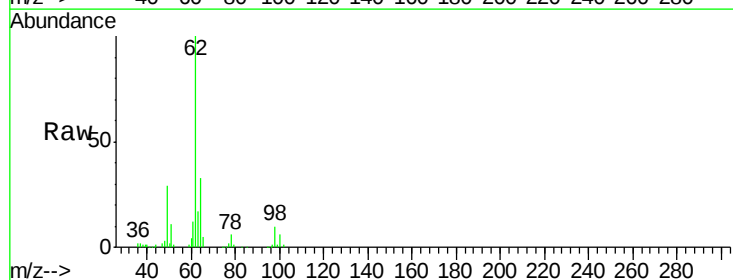
Manual Integrations
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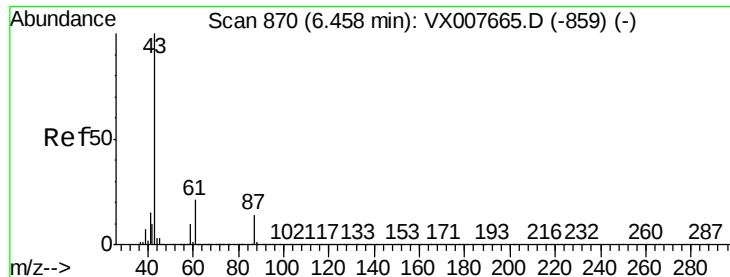
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#42
1,2-Dichloroethane
Concen: 19.367 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.0	





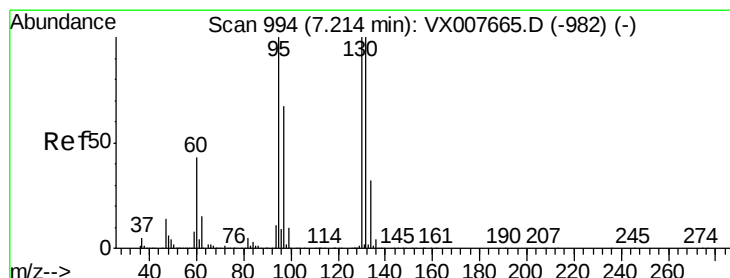
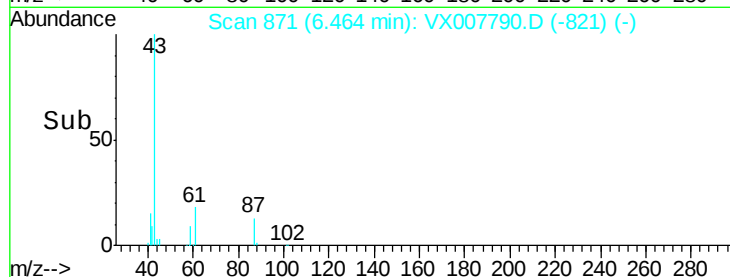
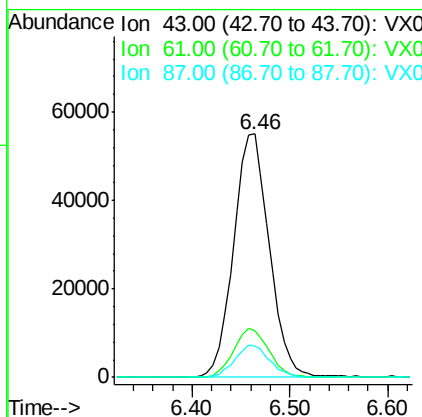
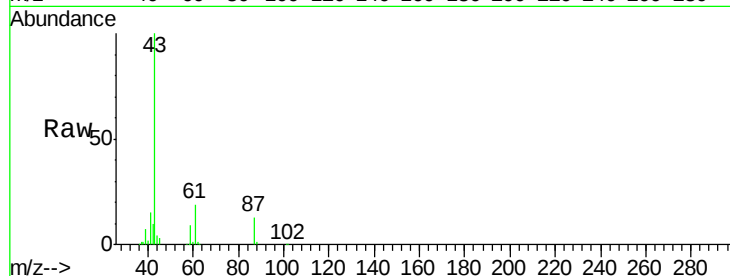
#43
Isopropyl Acetate
Concen: 20.584 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion:	43	Resp:	138479
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	12.9	11.5	17.3

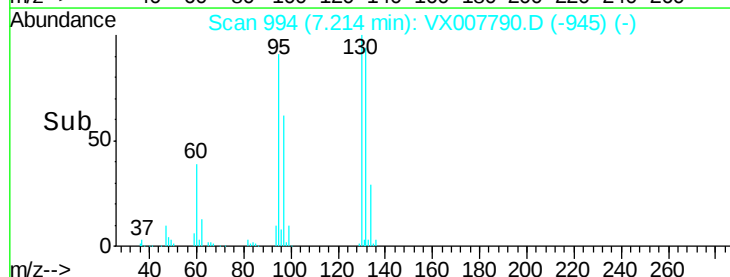
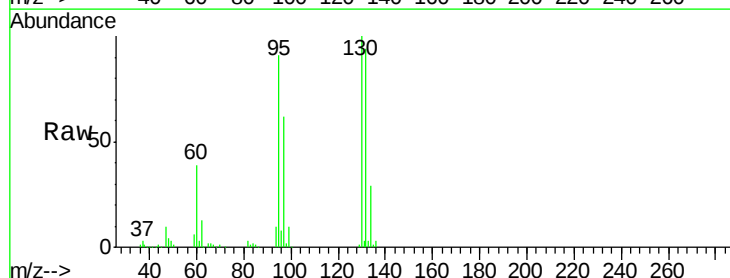
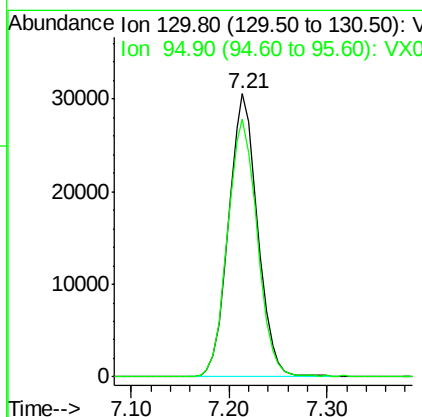
Manual Integrations
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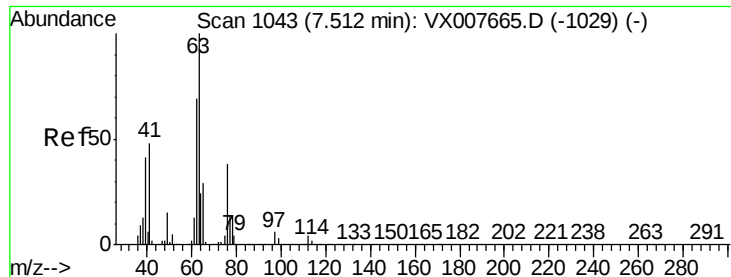
MMDadoda
3/4/2019 1:36:23 PM



#44
Trichloroethene
Concen: 18.818 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion:	130	Resp:	62880
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.926 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 63 Resp: 62697

Ion Ratio Lower Upper

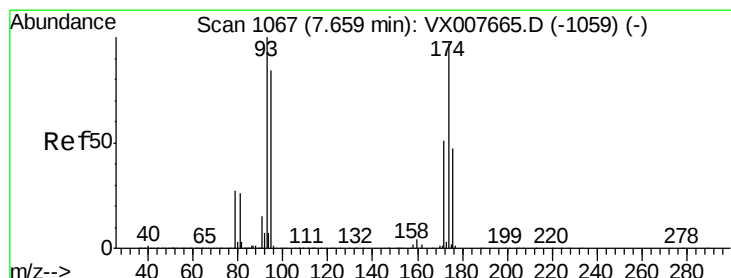
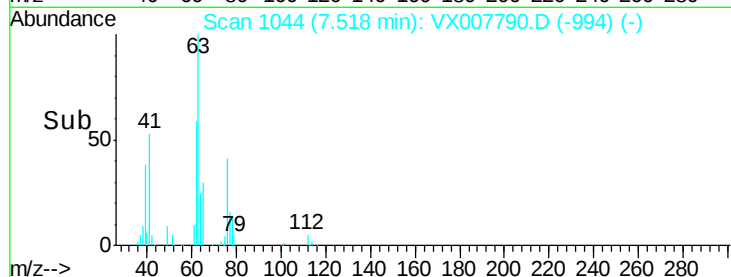
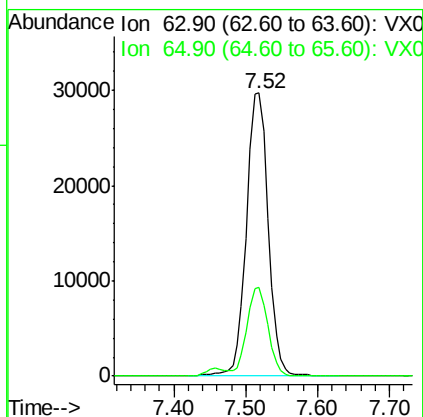
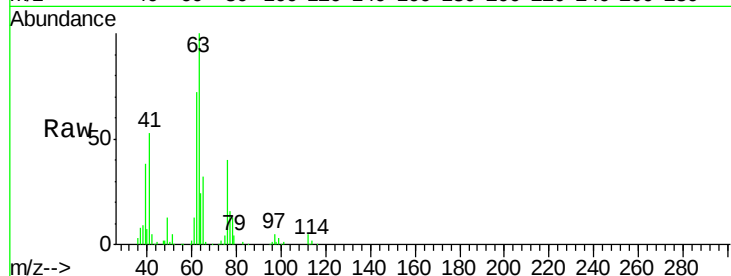
63 100

65 31.6 24.2 36.2

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#46

Dibromomethane

Concen: 17.791 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

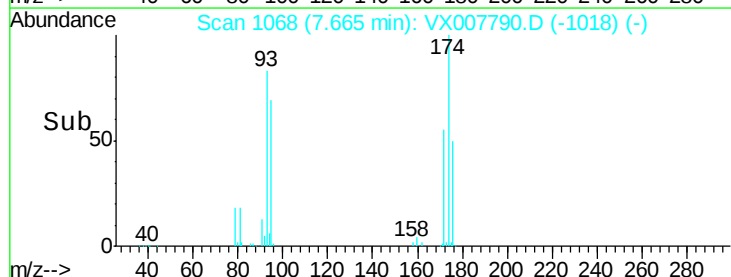
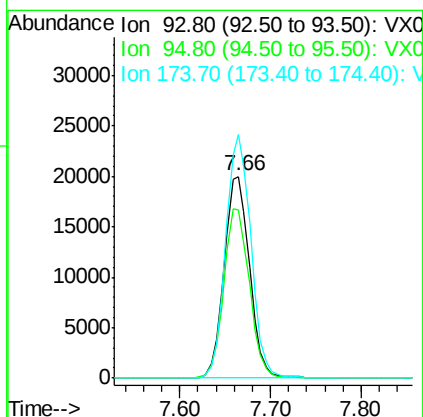
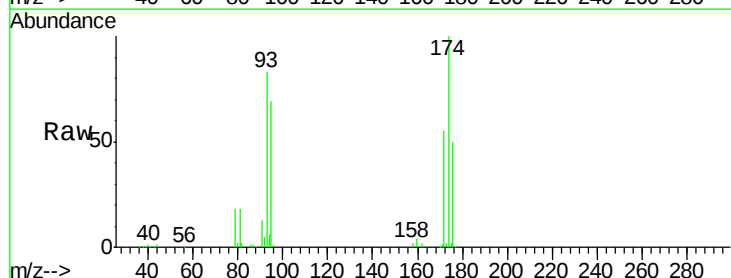
Tgt Ion: 93 Resp: 39053

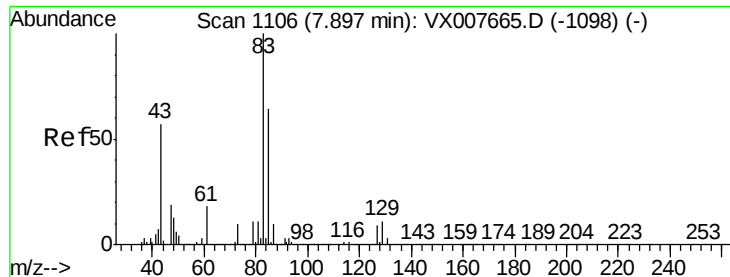
Ion Ratio Lower Upper

93 100

95 84.6 67.6 101.4

174 119.1 94.2 141.4





#47

Bromodichloromethane

Concen: 18.469 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

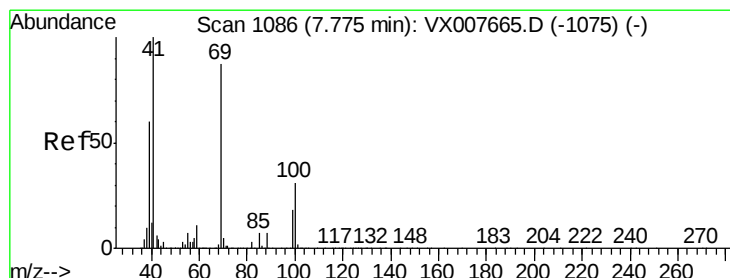
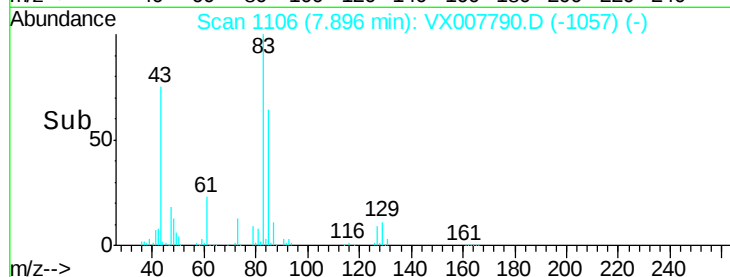
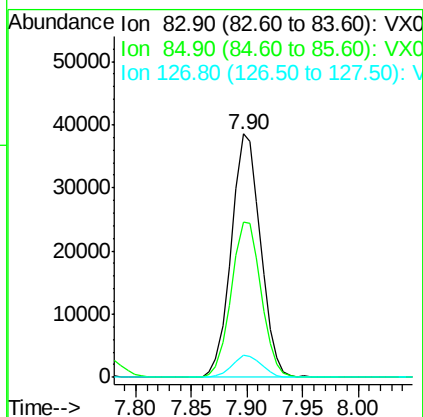
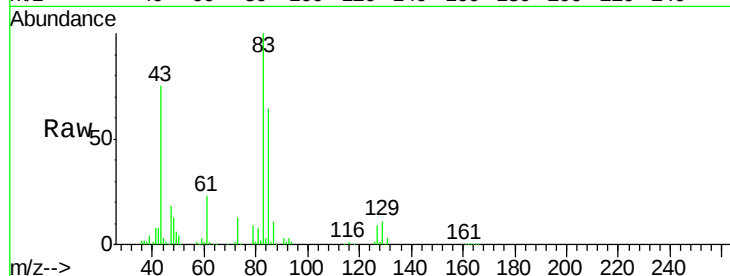
ClientSampleId :

VX0301WBSD01

Tot Ion:	83	Resp:	70258
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.4	77.0
127	9.0	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.731 ug/l

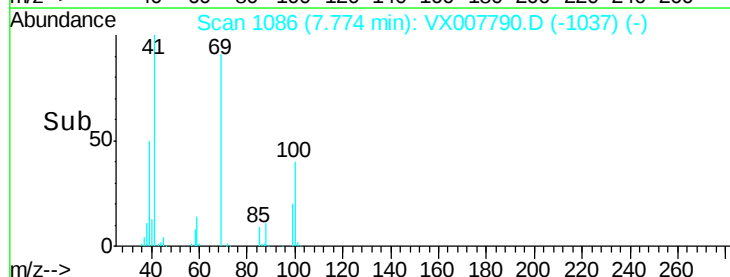
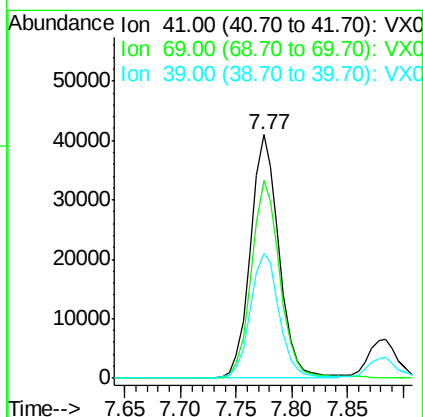
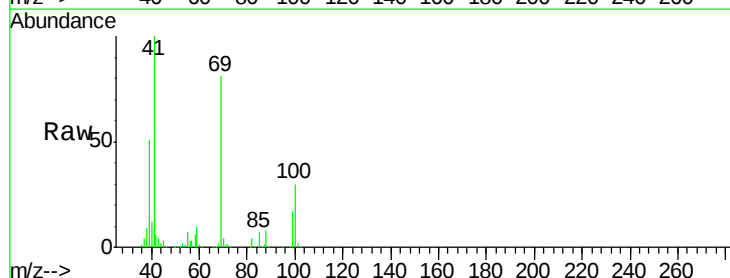
RT: 7.77 min Scan# 1086

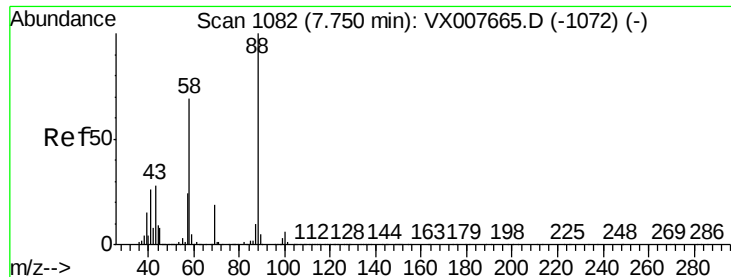
Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	41	Resp:	73104
Ion Ratio	Lower	Upper	
41	100		
69	81.2	70.2	105.4
39	51.5	47.4	71.0





#49

1,4-Dioxane

Concen: 384.922 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

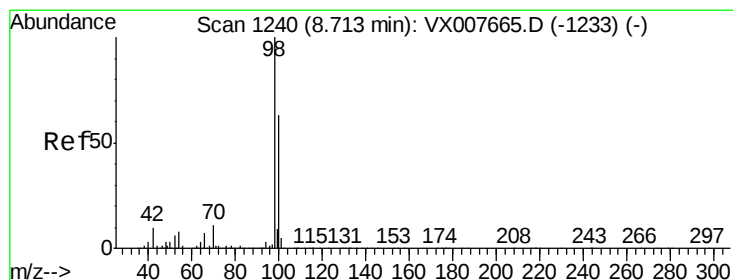
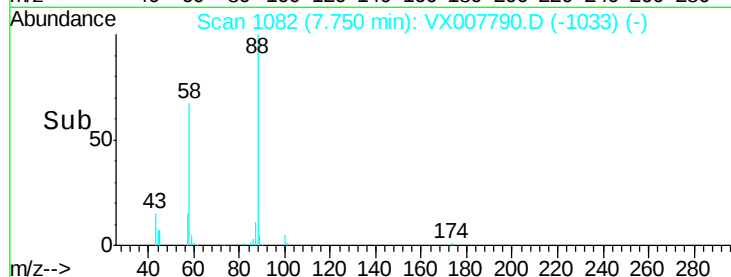
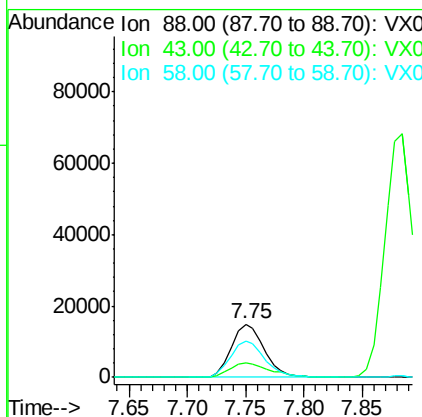
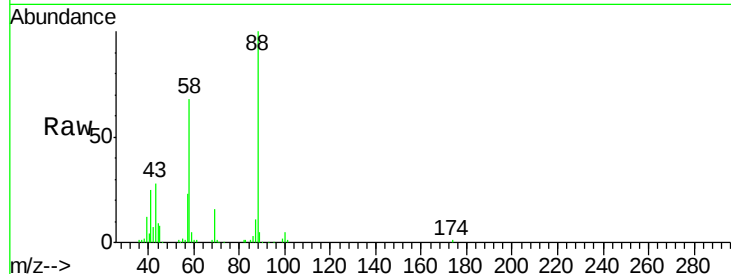
ClientSampleId :

VX0301WBSD01

Tot Ion:	88	Resp:	29317
Ion Ratio	Lower	Upper	
88	100		
43	34.5	24.2	36.4
58	72.3	53.0	79.4

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#50

Toluene-d8

Concen: 49.488 ug/l

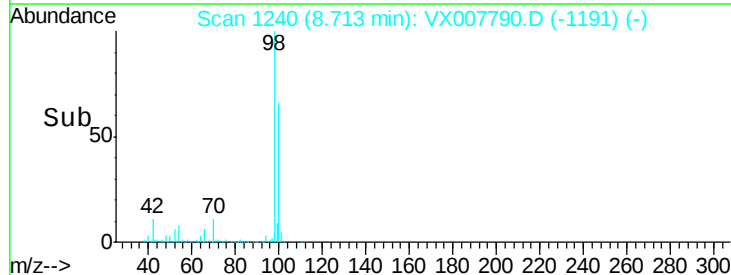
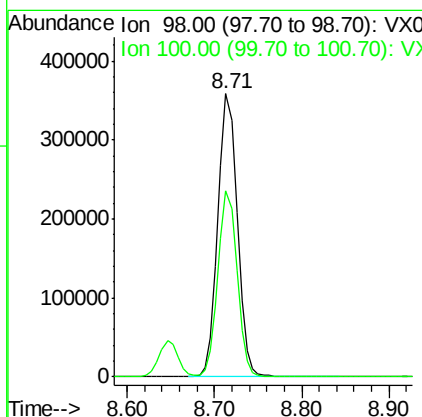
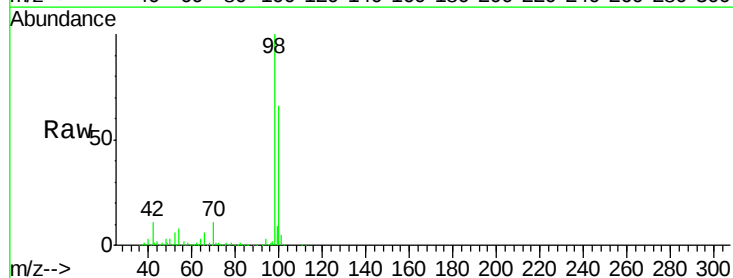
RT: 8.71 min Scan# 1240

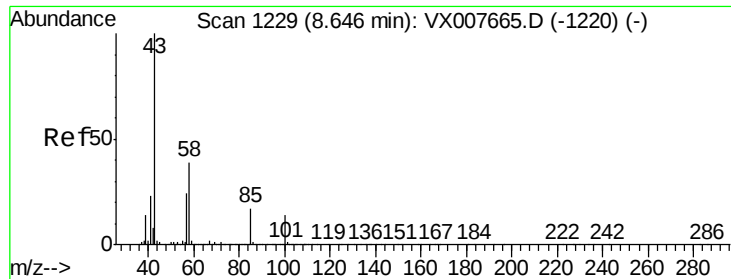
Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	98	Resp:	554313
Ion Ratio	Lower	Upper	
98	100		
100	65.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 103.606 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 43 Resp: 466551

Ion Ratio Lower Upper

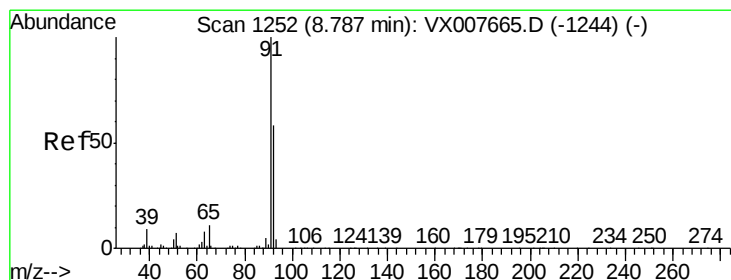
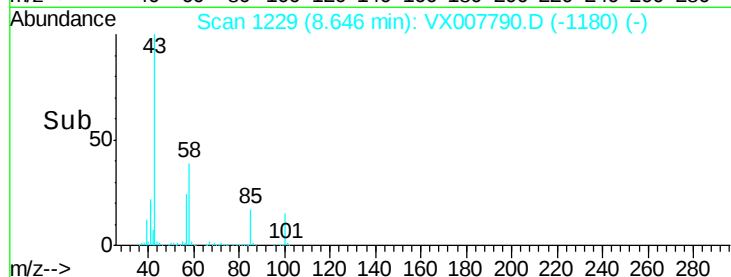
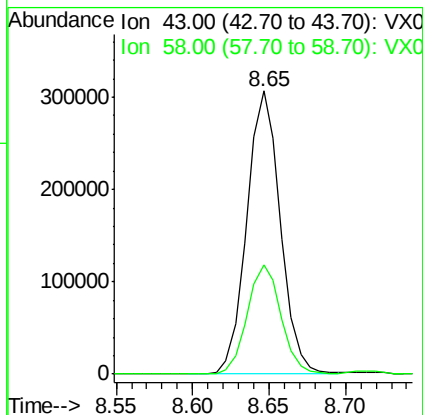
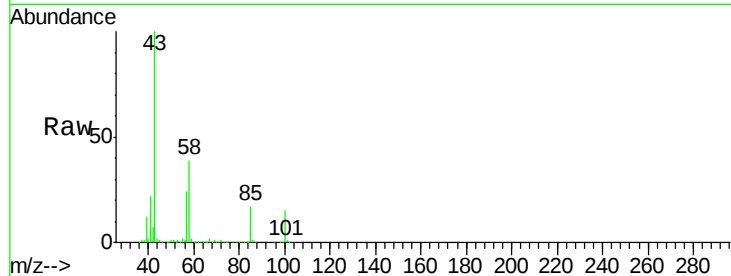
43 100

58 38.7 31.2 46.8

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#52

Toluene

Concen: 18.800 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007790.D

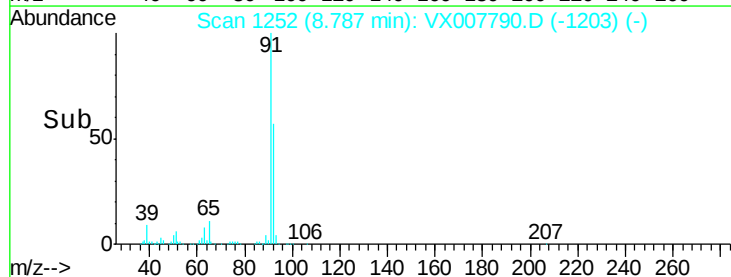
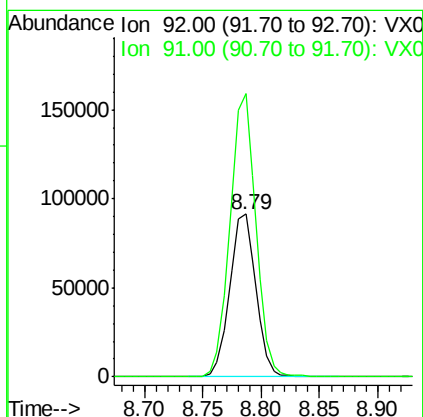
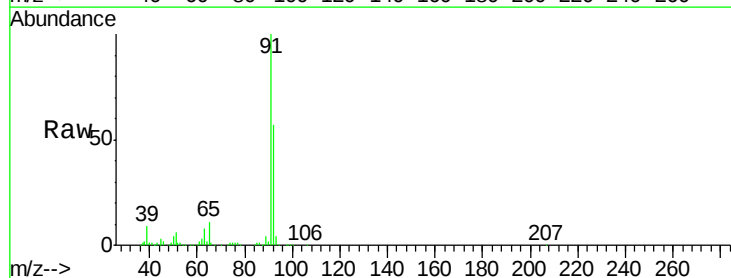
Acq: 01 Mar 2019 15:27

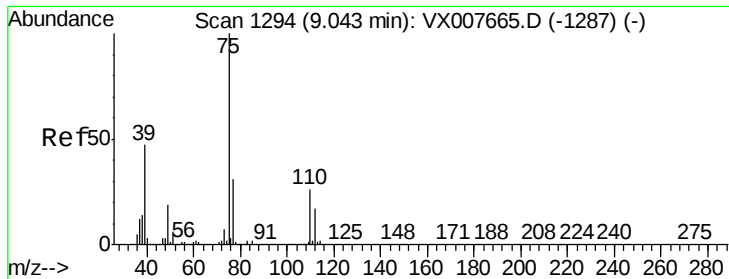
Tgt Ion: 92 Resp: 144000

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.385 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 75 Resp: 78068

Ion Ratio Lower Upper

75 100

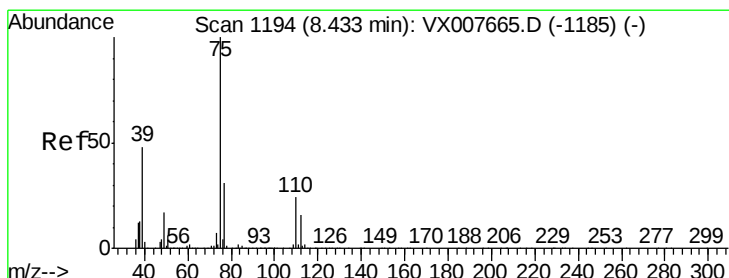
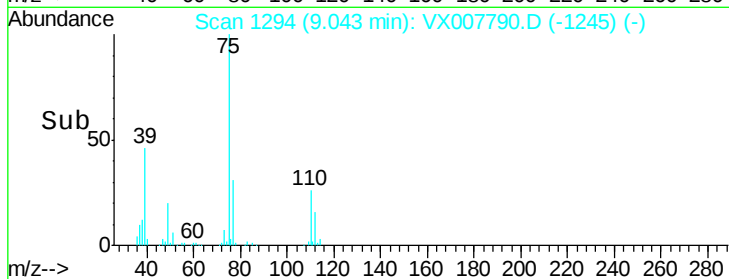
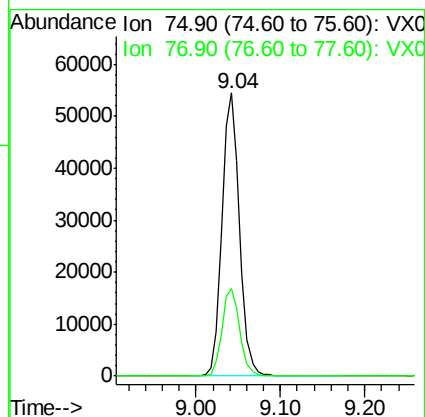
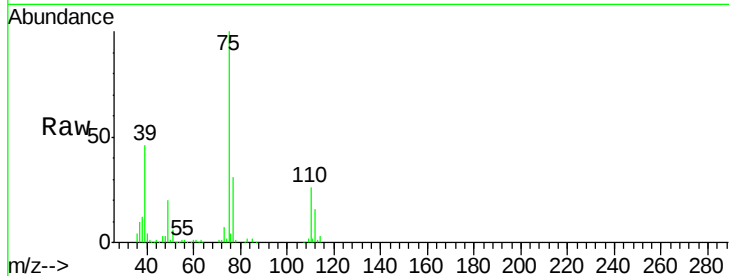
77 30.8 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 18.812 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

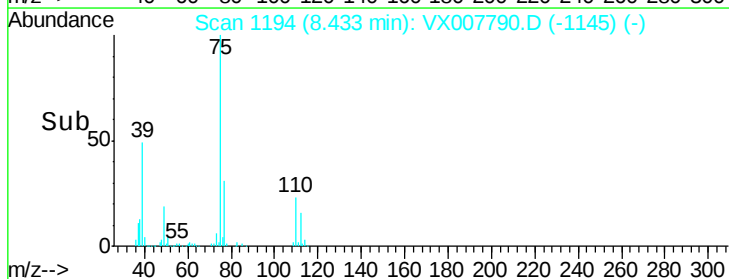
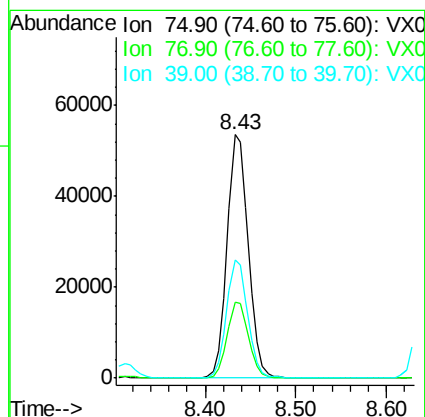
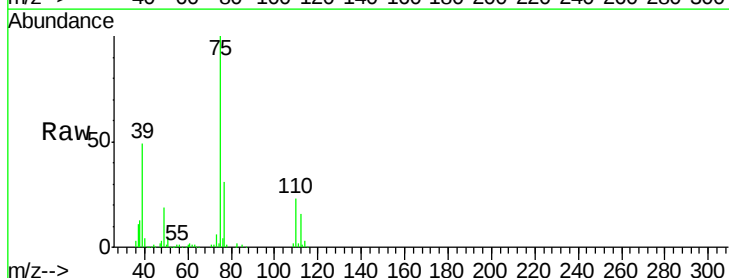
Tgt Ion: 75 Resp: 86844

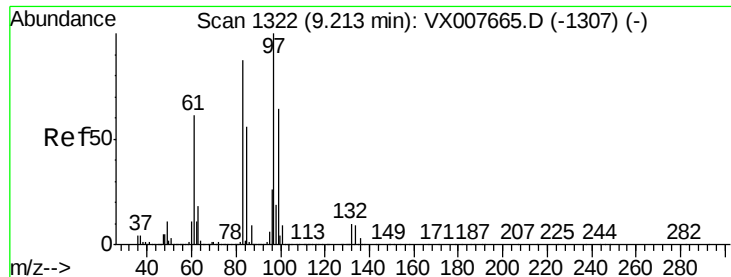
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4

39 48.5 37.1 55.7





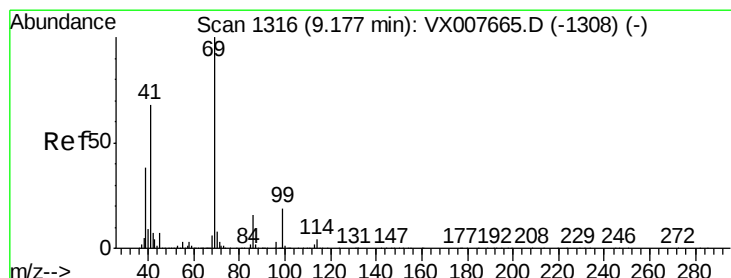
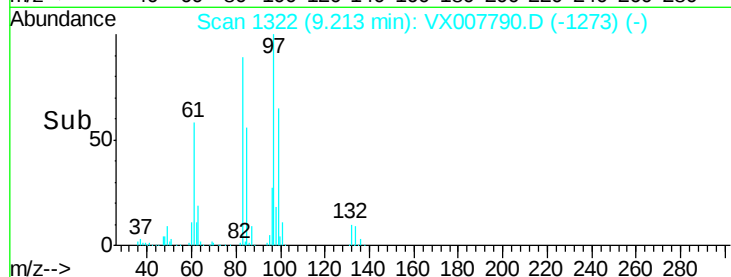
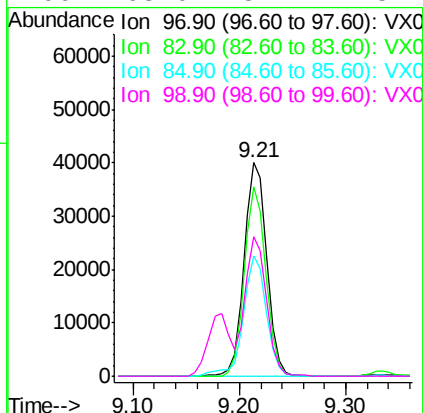
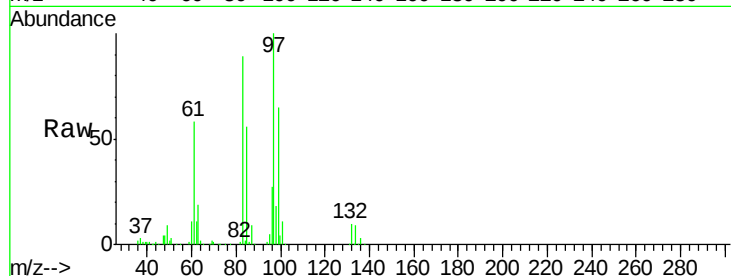
#55
 1,1,2-Trichloroethane
 Concen: 18.740 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		59857		
83	88.7	68.6	102.8		
85	56.1	44.5	66.7		
99	65.0	52.2	78.4		

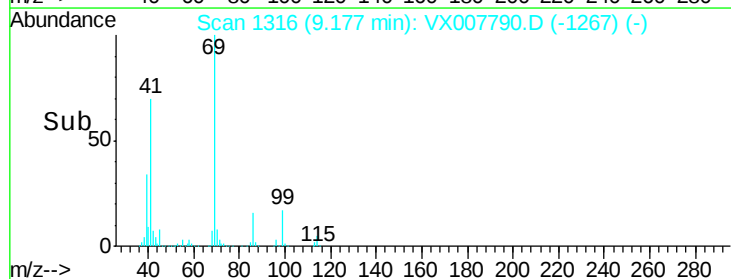
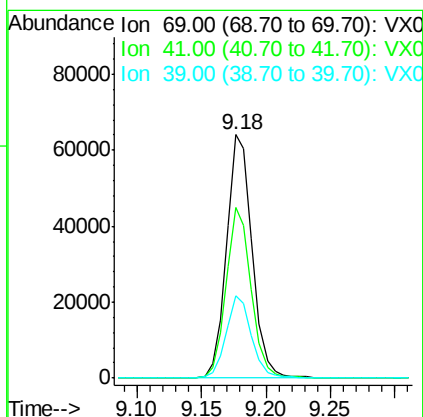
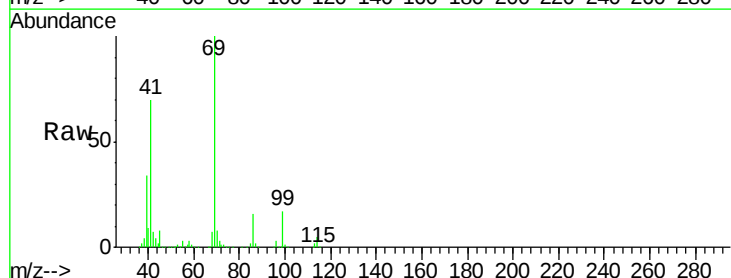
Manual Integrations
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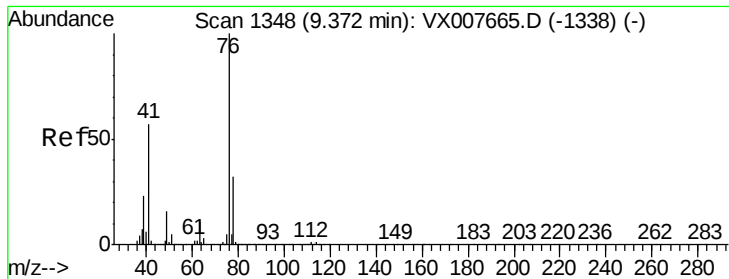
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#56
 Ethyl methacrylate
 Concen: 19.681 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		89396		
41	68.4	52.1	78.1		
39	33.3	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 19.662 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 76 Resp: 100533

Ion Ratio Lower Upper

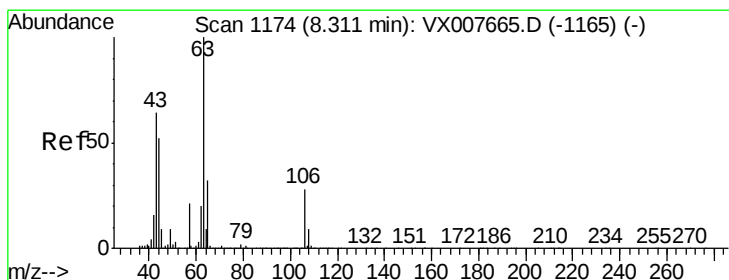
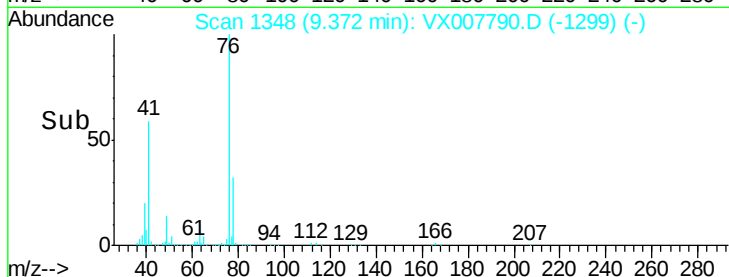
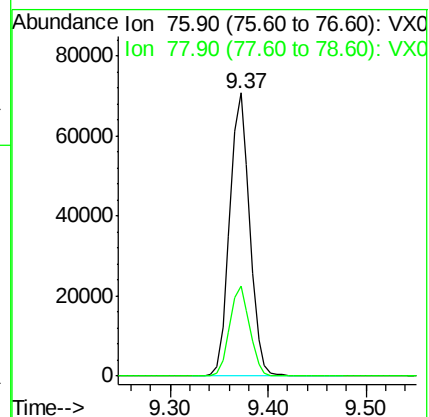
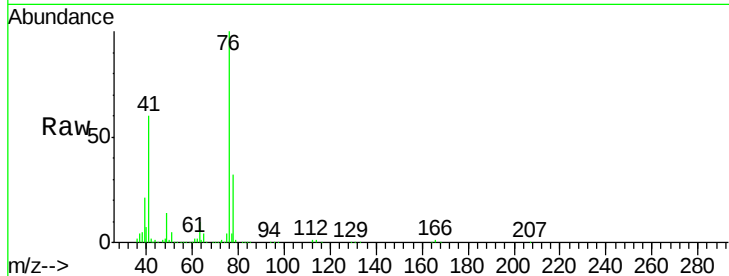
76 100

78 32.0 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 97.944 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007790.D

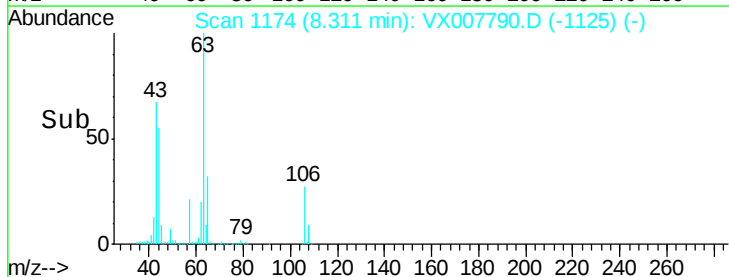
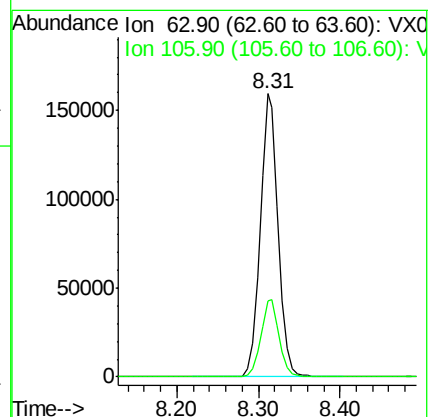
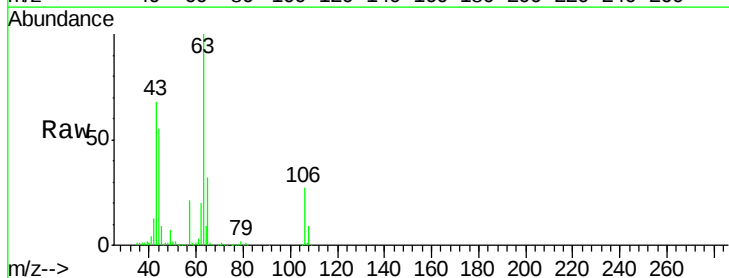
Acq: 01 Mar 2019 15:27

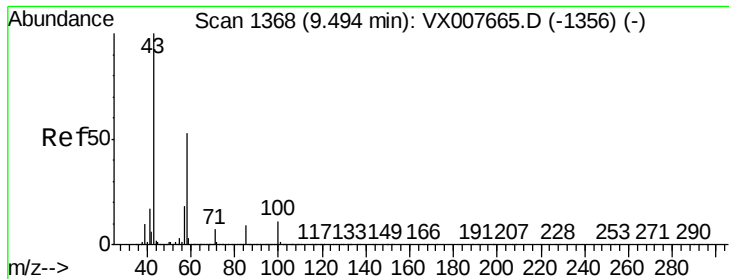
Tgt Ion: 63 Resp: 245333

Ion Ratio Lower Upper

63 100

106 27.7 23.6 35.4





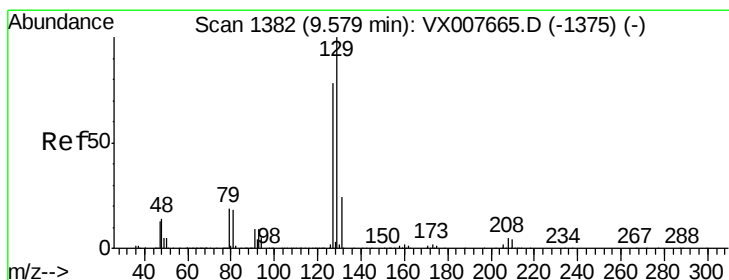
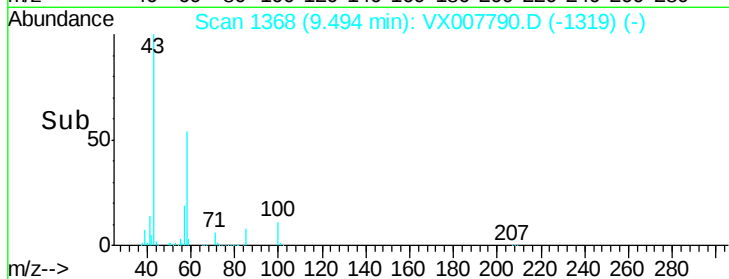
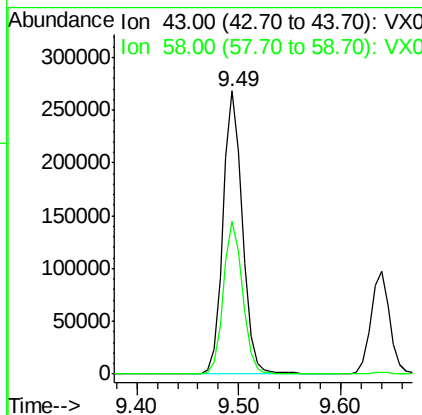
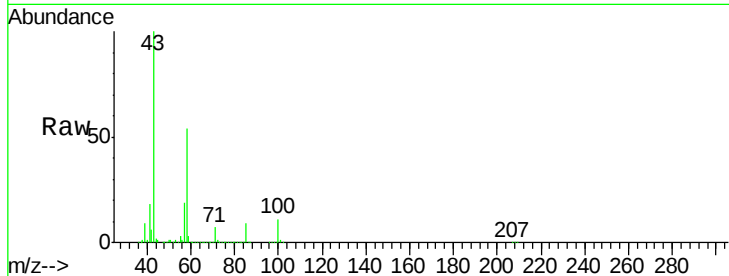
#59
2-Hexanone
Concen: 100.431 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	43	Resp	355060
Ion Ratio	100	Lower	Upper
43	100		
58	53.8	27.1	81.3

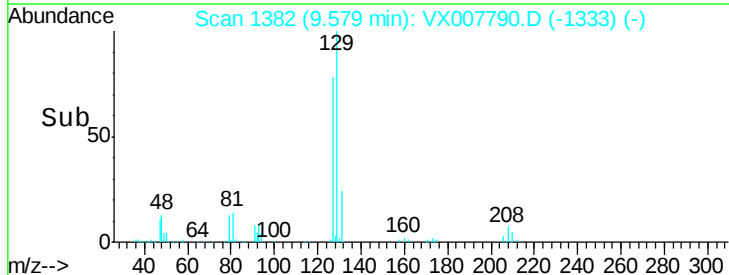
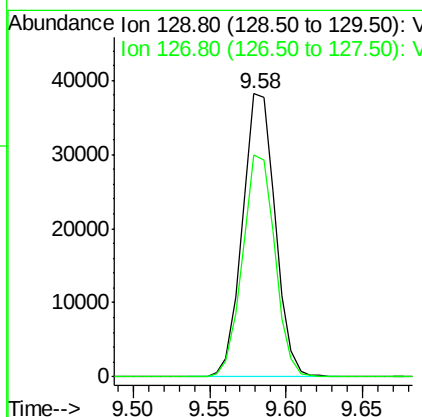
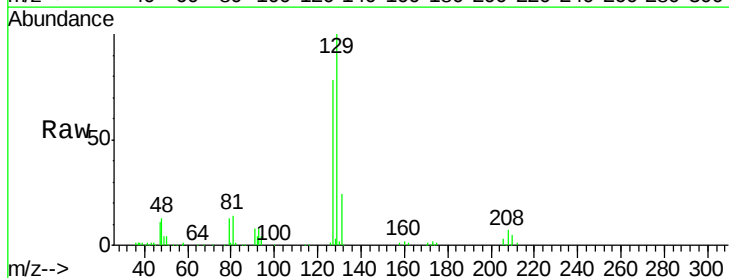
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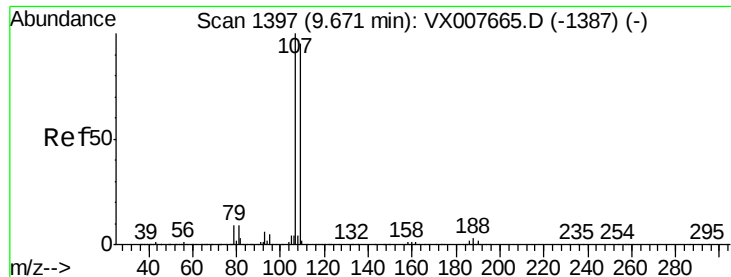
MMDadoda
3/4/2019 1:36:23 PM



#60
Dibromochloromethane
Concen: 18.472 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	129	Resp	56775	
Ion Ratio <th>129</th> <th>100</th> <th>Lower</th> <th>Upper</th>	129	100	Lower	Upper
129	100			
127	77.5	37.8	113.4	





#61

1,2-Dibromoethane

Concen: 18.685 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion: 107 Resp: 61967

Ion Ratio Lower Upper

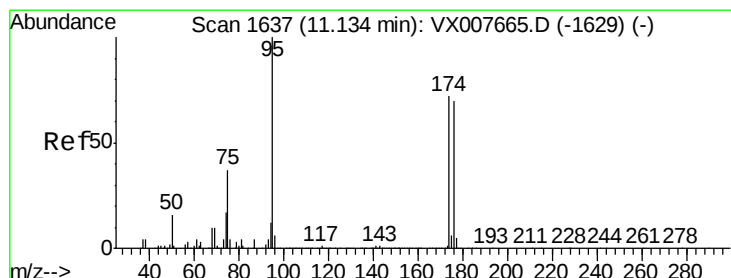
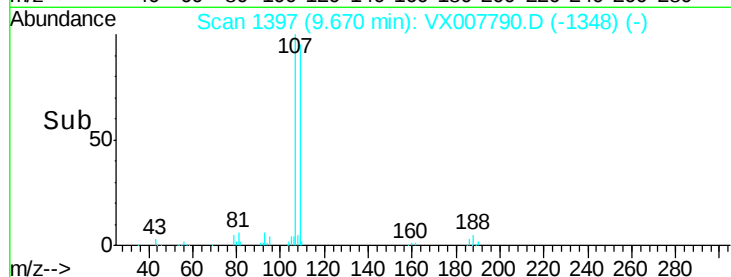
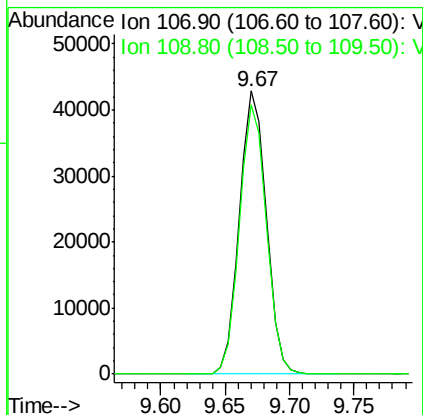
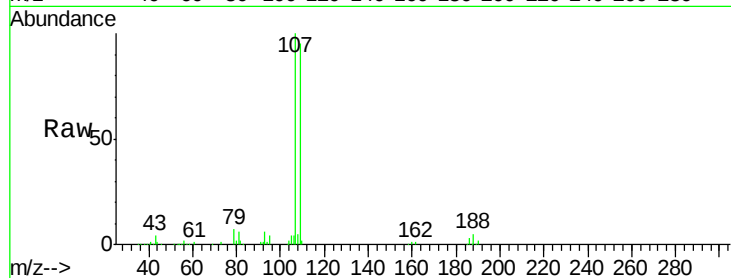
107 100

109 95.1 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 48.134 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

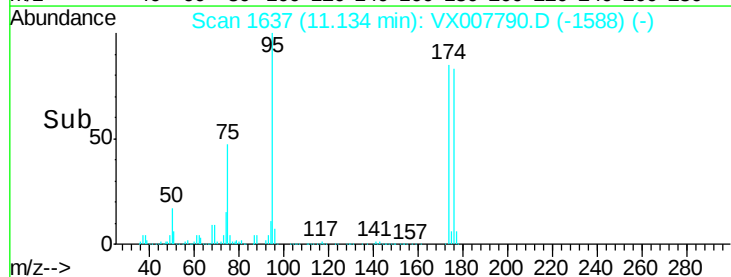
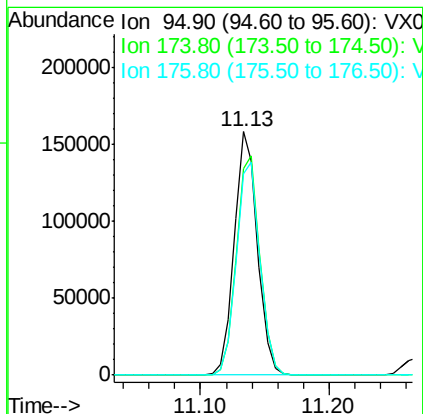
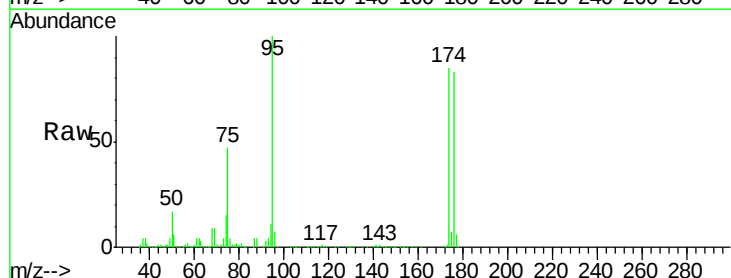
Tgt Ion: 95 Resp: 197888

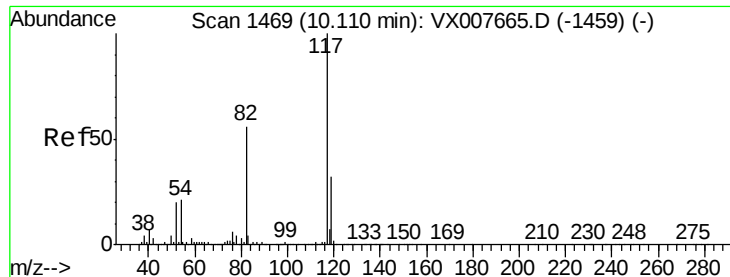
Ion Ratio Lower Upper

95 100

174 91.9 0.0 189.2

176 89.5 0.0 186.2





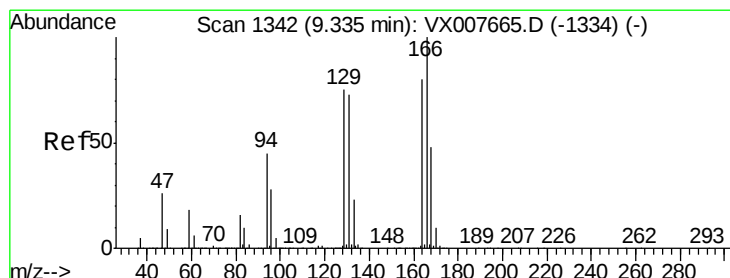
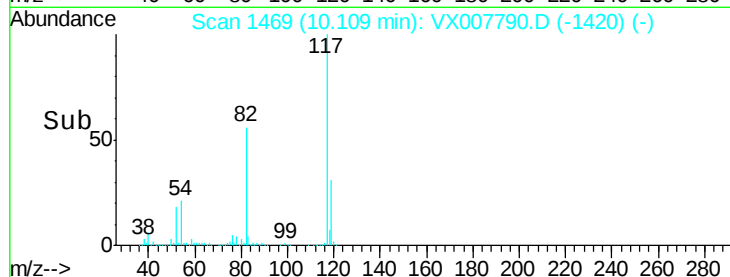
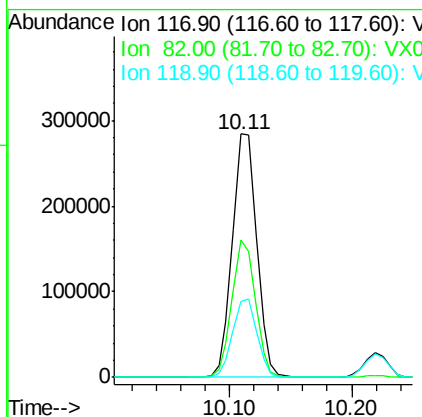
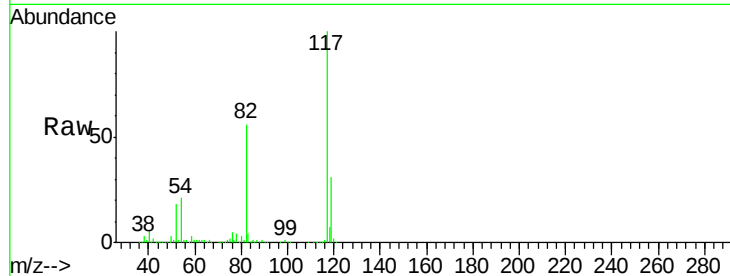
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	42.1	63.1
119	31.4	26.5	39.7

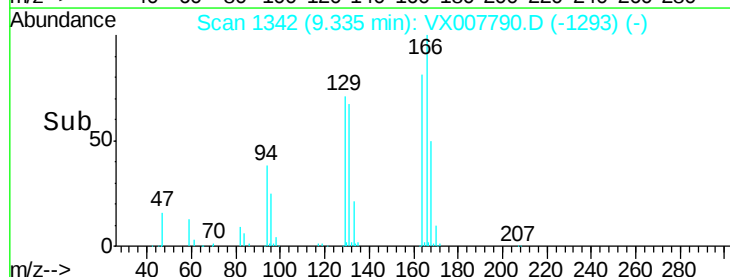
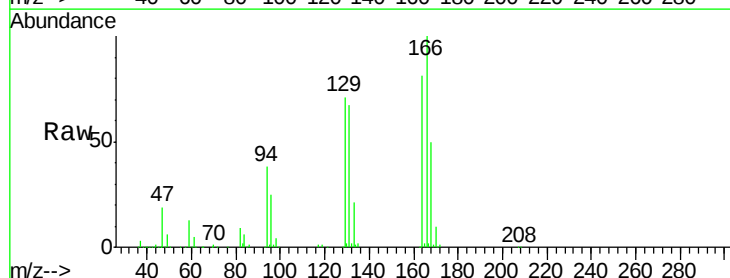
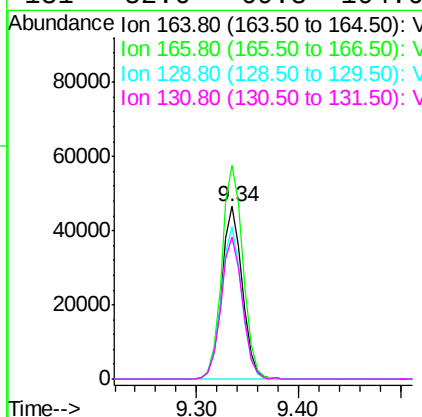
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#64
Tetrachloroethene
Concen: 20.567 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.0	151.4
129	88.0	70.5	105.7
131	82.6	69.8	104.6





#65

Chlorobenzene

Concen: 18.786 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion:112 Resp: 159172

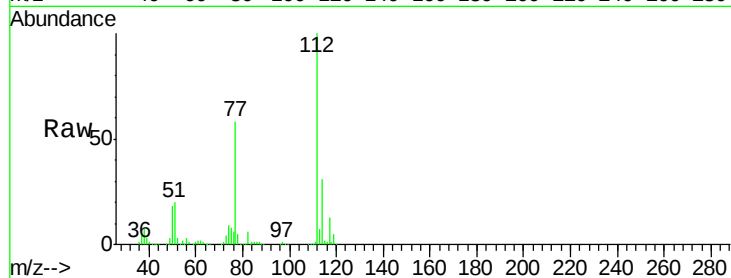
Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6

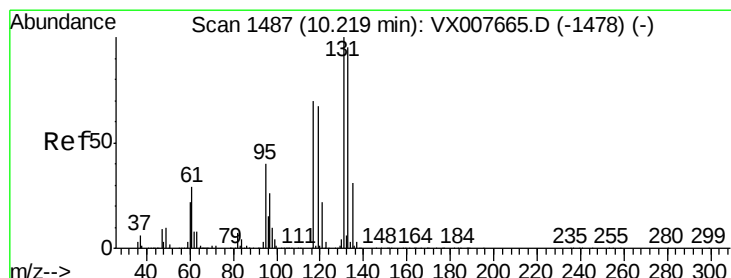
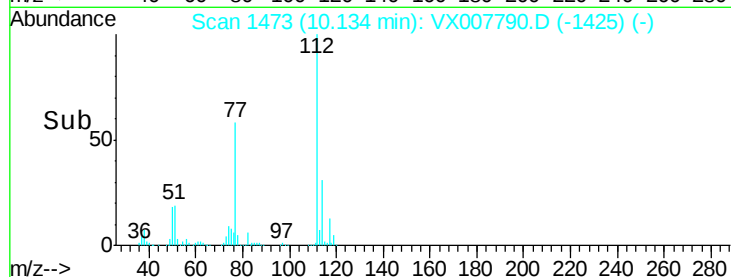
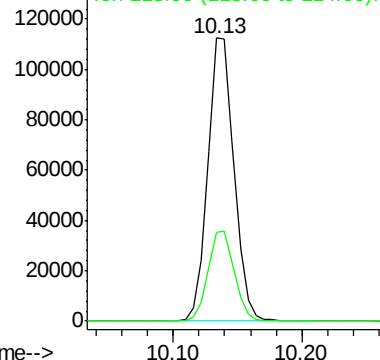
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.228 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

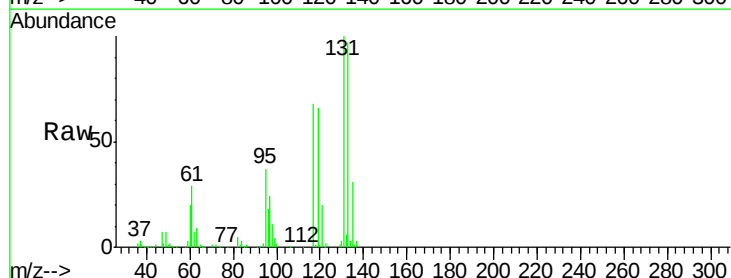
Tgt Ion:131 Resp: 56829

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

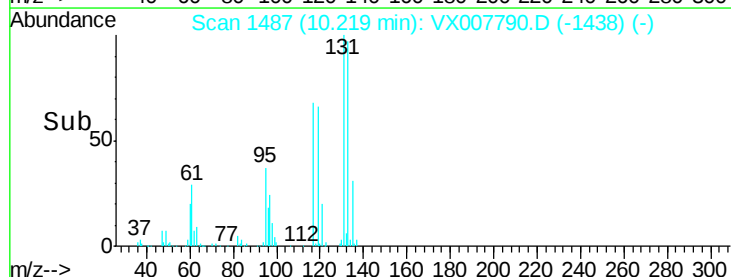
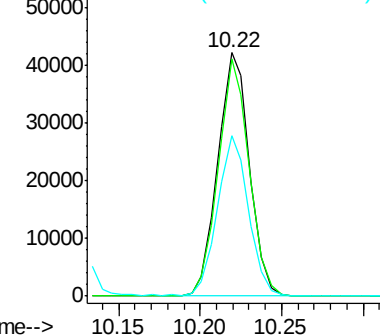
119 65.3 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.768 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampled :

VX0301WBSD01

Tot Ion: 91 Resp: 263434

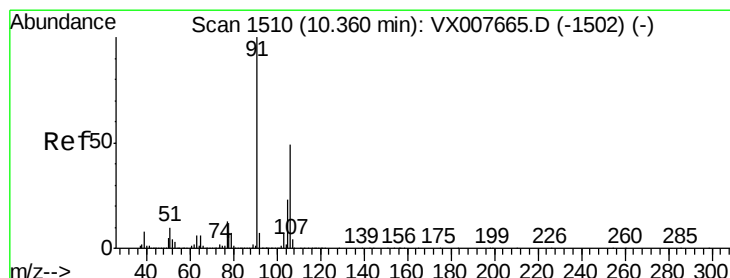
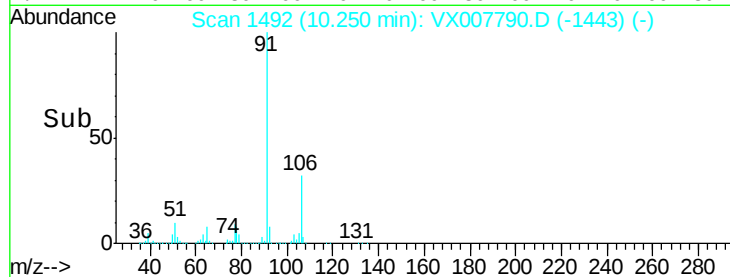
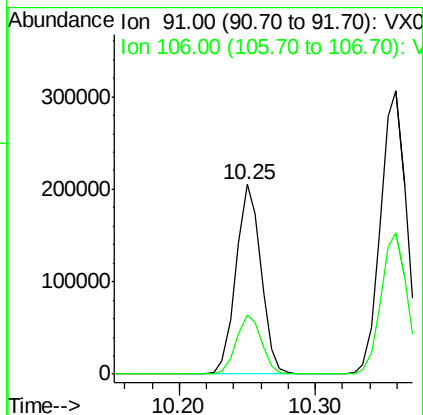
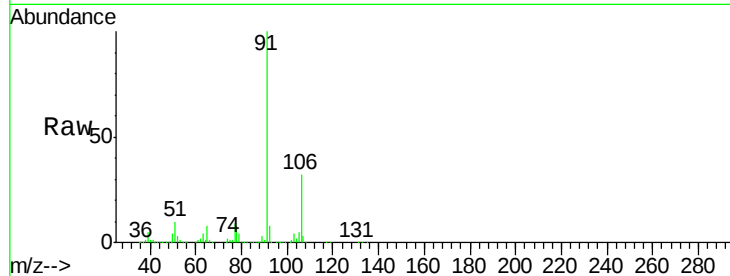
Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0

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#68

m/p-Xylenes

Concen: 37.019 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007790.D

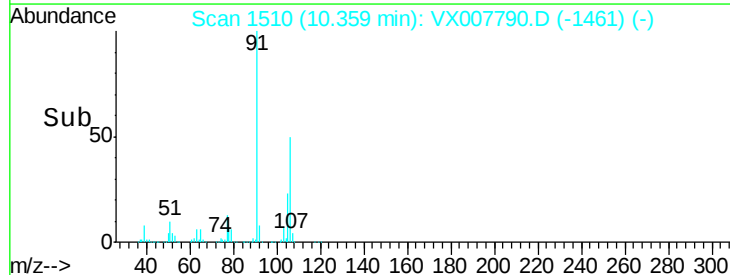
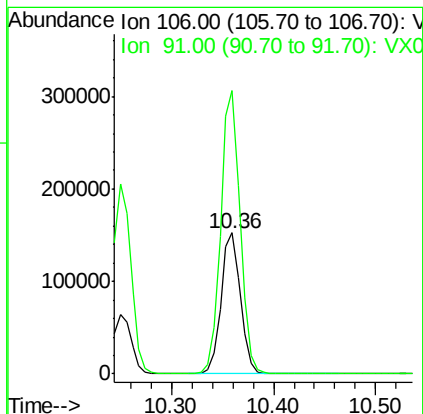
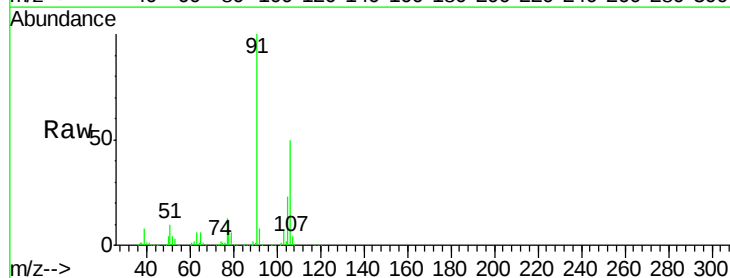
Acq: 01 Mar 2019 15:27

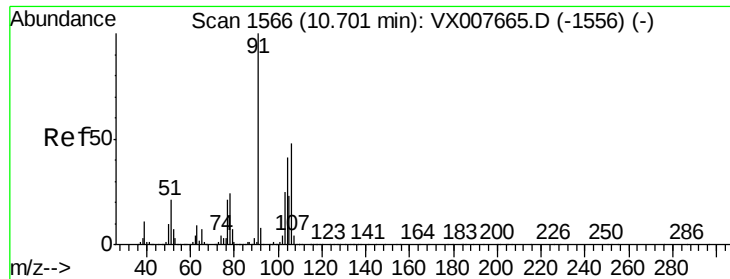
Tgt Ion: 106 Resp: 202142

Ion Ratio Lower Upper

106 100

91 200.9 156.6 234.8





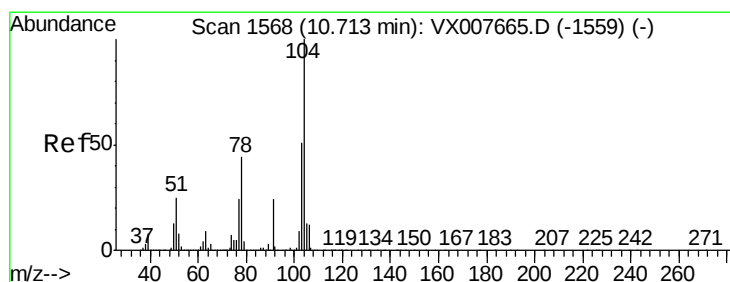
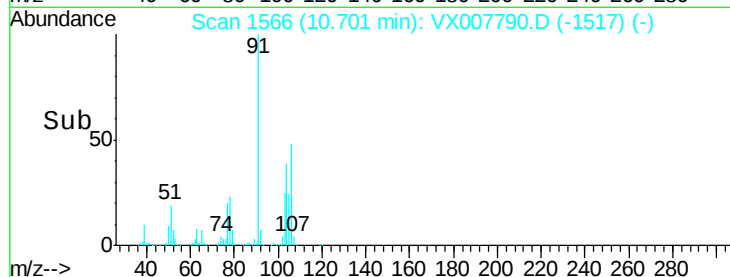
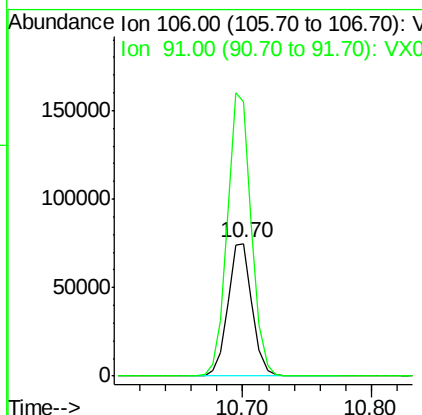
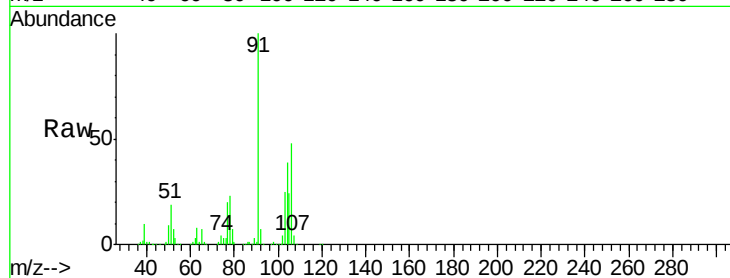
#69
o-Xylene
Concen: 18.812 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampled :
VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.4	102.9	308.7

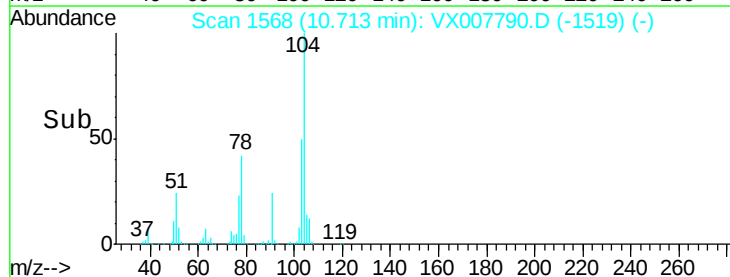
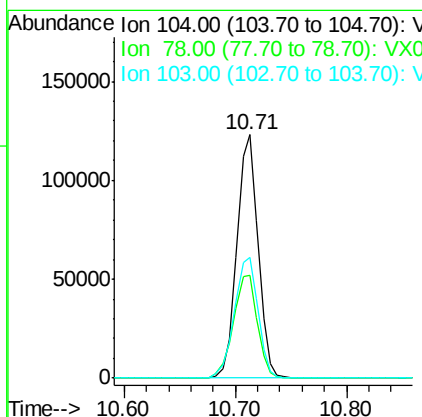
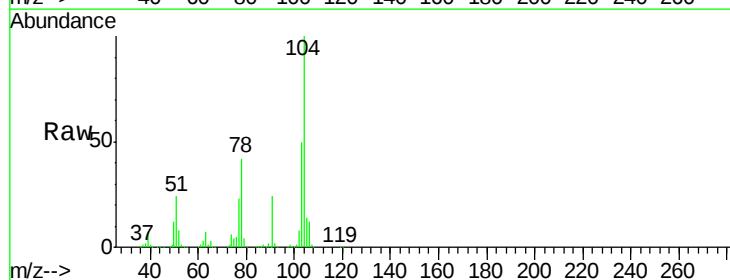
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#70
Styrene
Concen: 18.785 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.3	57.5
103	55.6	44.6	67.0





#71

Bromoform

Concen: 19.815 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

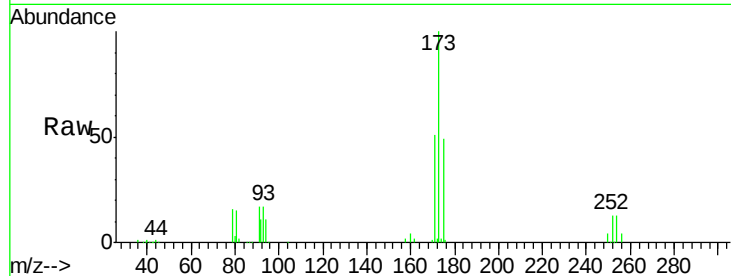
ClientSampleId :

VX0301WBSD01

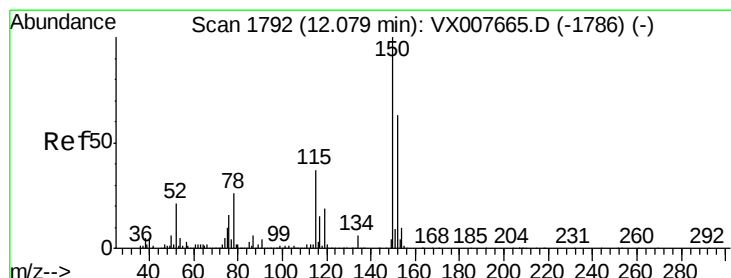
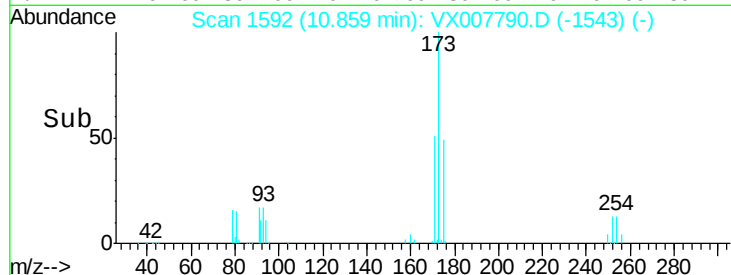
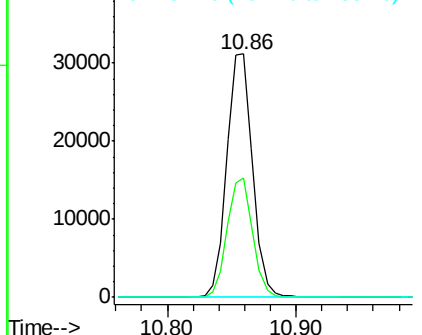
Tot Ion:	173	Resp:	43917
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.2	72.6
254	0.0	0.2	0.2#

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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

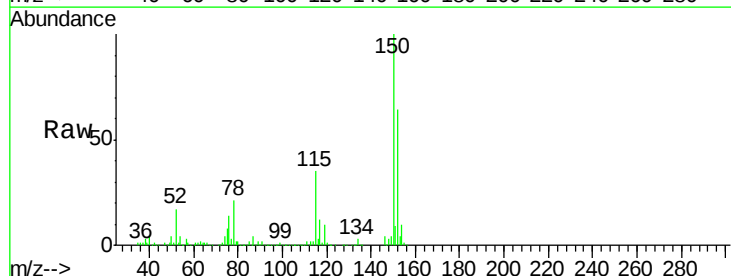
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

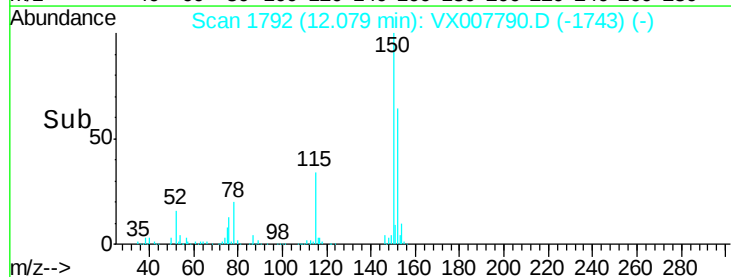
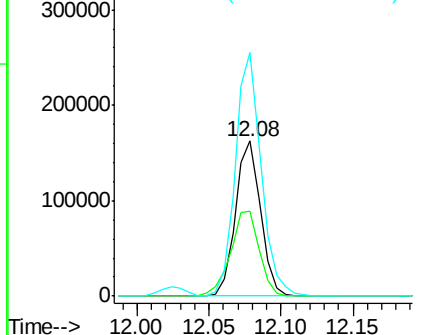
Lab File: VX007790.D

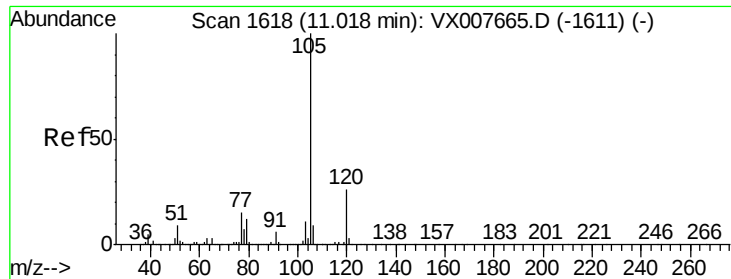
Acq: 01 Mar 2019 15:27

Tgt Ion:	152	Resp:	197416
Ion Ratio	Lower	Upper	
152	100		
115	63.2	38.0	114.0
150	161.9	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: 18.786 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion:105 Resp: 265066

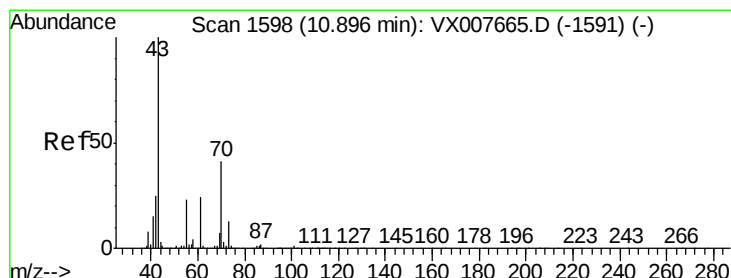
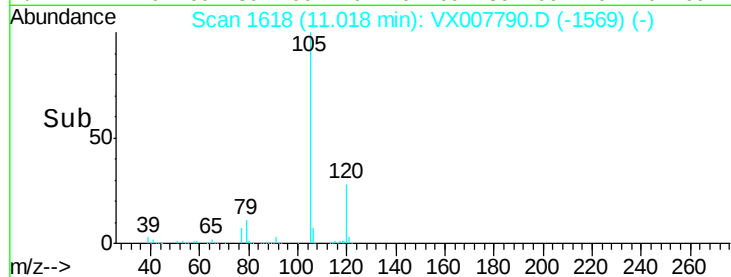
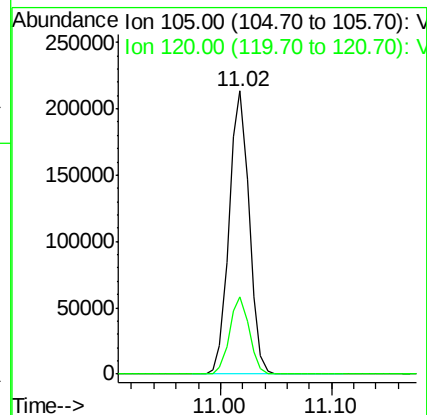
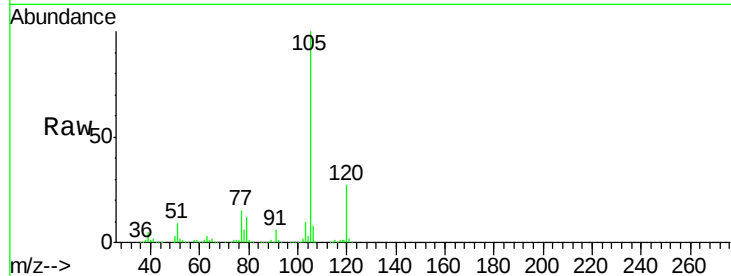
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.142 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion: 43 Resp: 117287

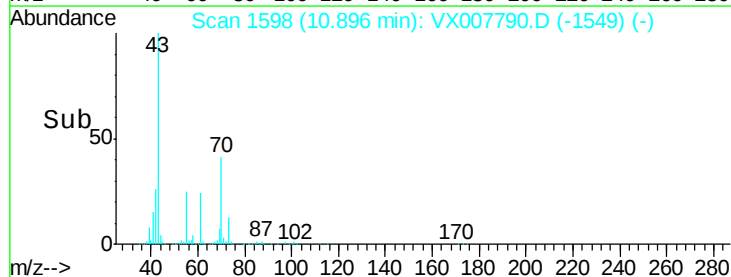
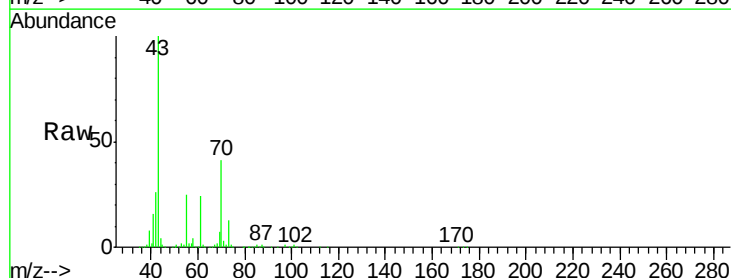
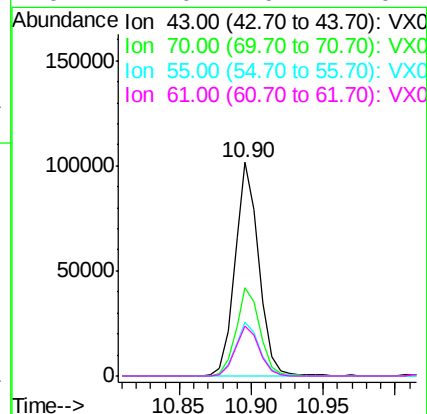
Ion Ratio Lower Upper

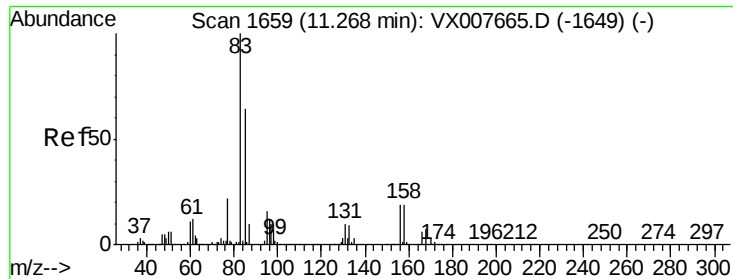
43 100

70 41.9 33.8 50.6

55 25.9 19.5 29.3

61 24.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.471 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

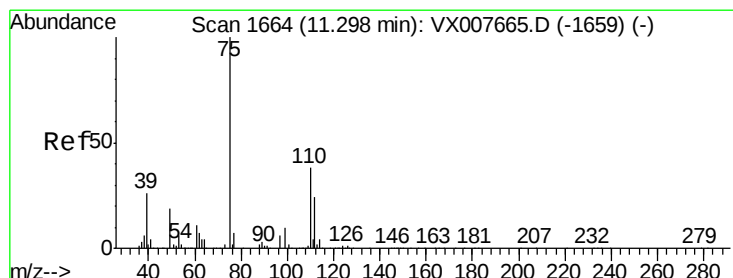
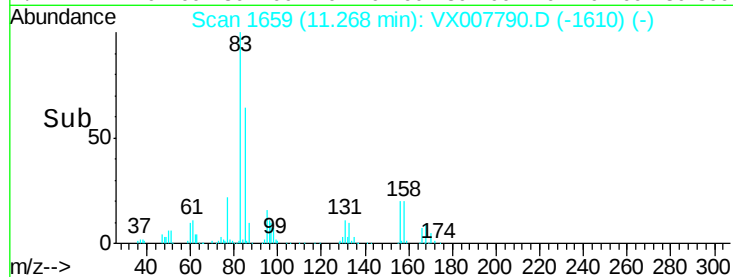
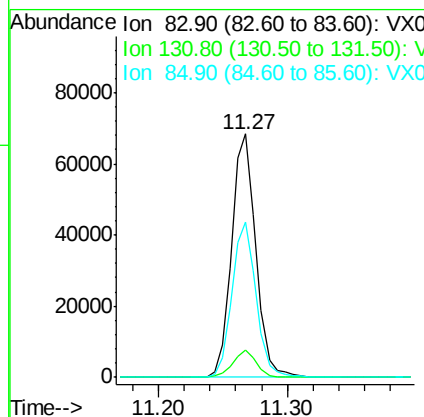
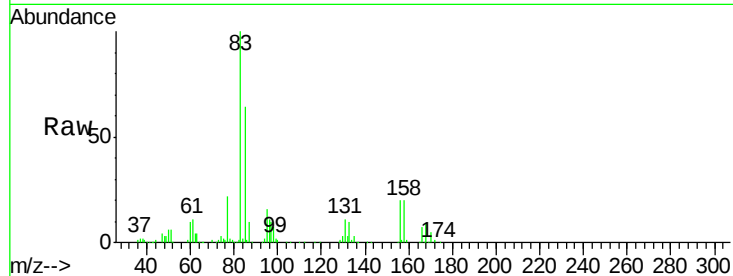
ClientSampleId :

VX0301WBSD01

Tot Ion:	83	Resp:	90139
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	63.7	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.610 ug/l m

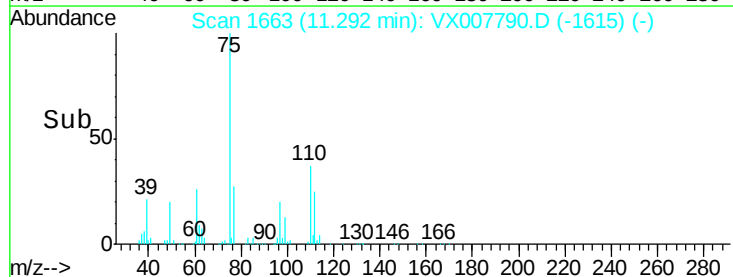
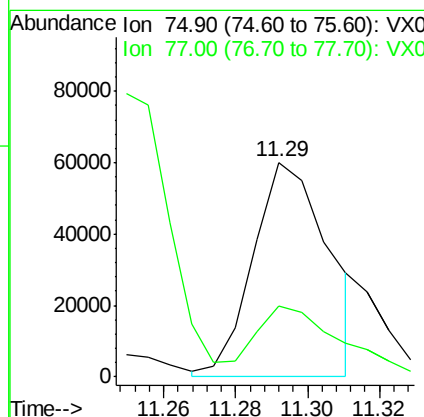
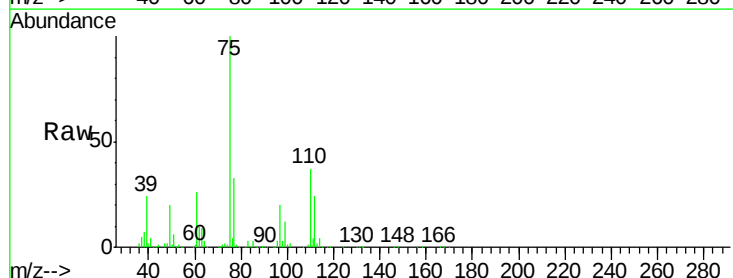
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	75	Resp:	86728
Ion Ratio	Lower	Upper	
75	100		
77	38.4	23.0	69.0





#77

Bromobenzene

Concen: 20.313 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBSD01

Tot Ion:156 Resp: 71886

Ion Ratio Lower Upper

156 100

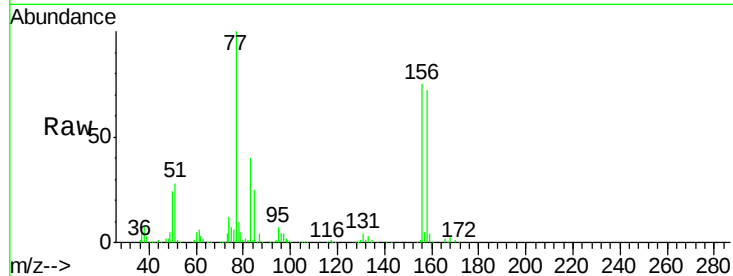
77 143.6 66.8 200.6

158 97.2 47.9 143.8

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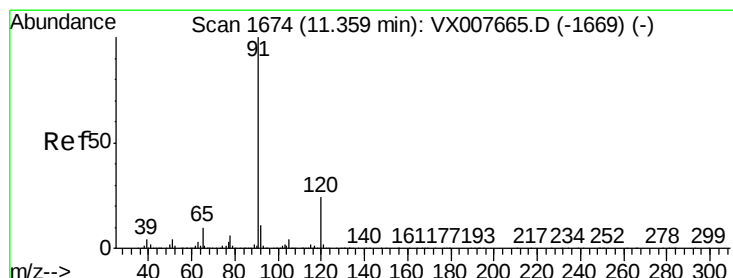
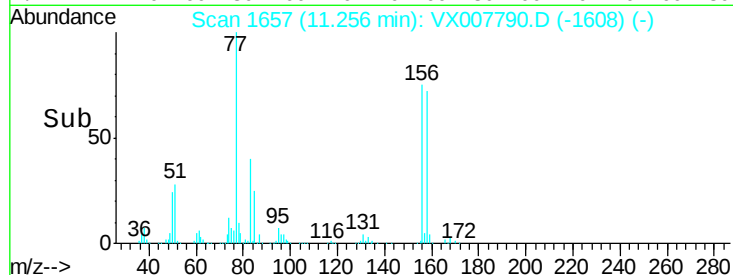
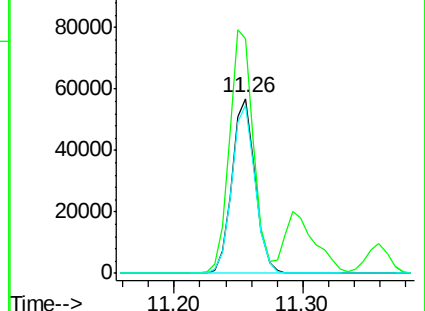
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.349 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007790.D

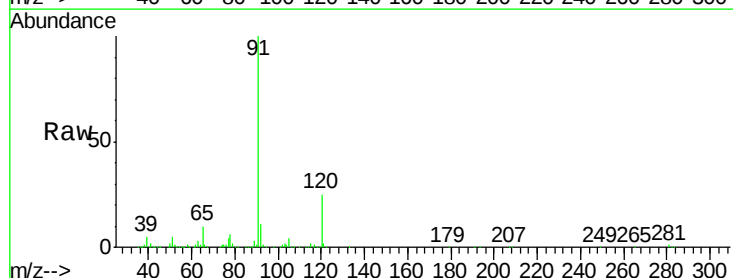
Acq: 01 Mar 2019 15:27

Tgt Ion: 91 Resp: 292549

Ion Ratio Lower Upper

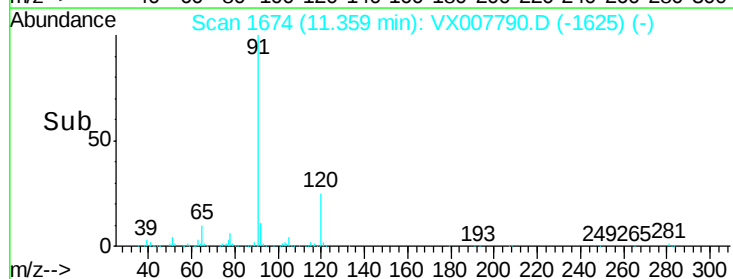
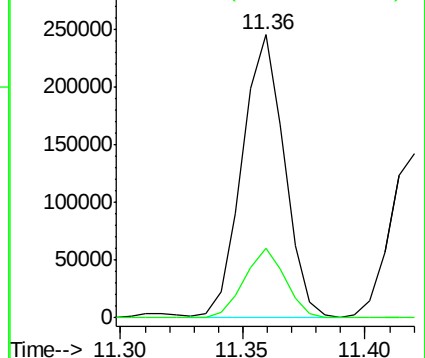
91 100

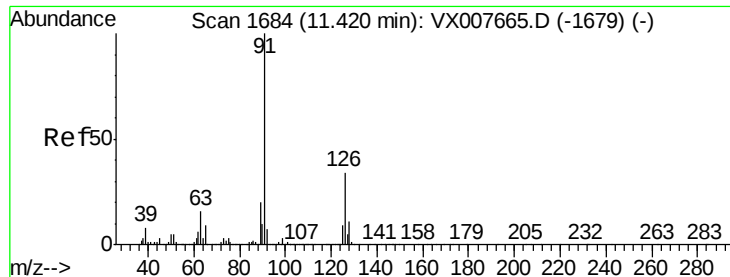
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





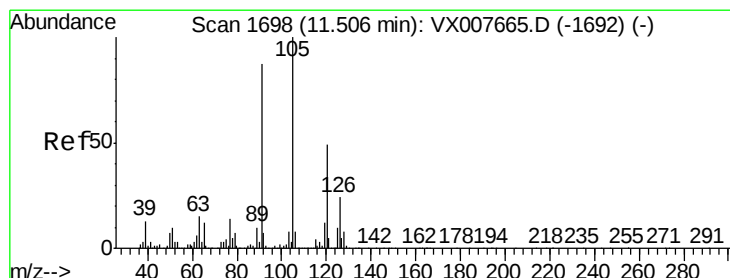
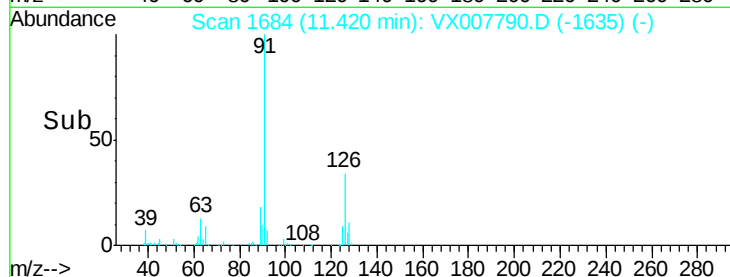
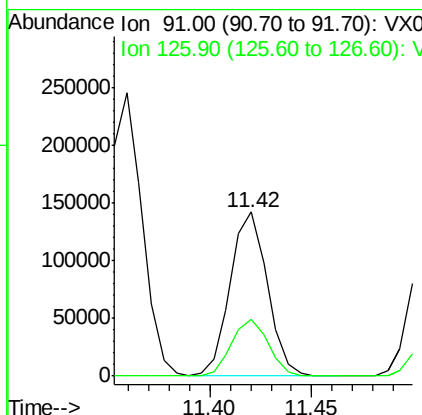
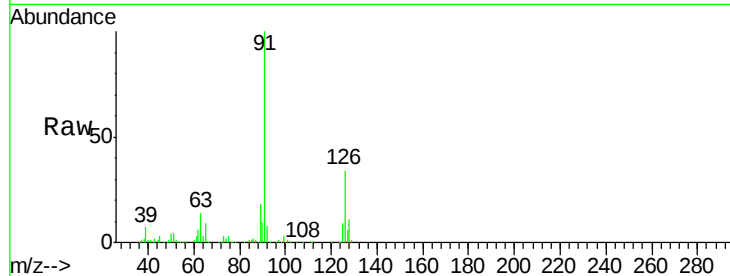
#79
 2-Chlorotoluene
 Concen: 18.595 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Tot Ion: 91 Resp: 178518
 Ion Ratio Lower Upper
 91 100
 126 34.7 18.7 56.1

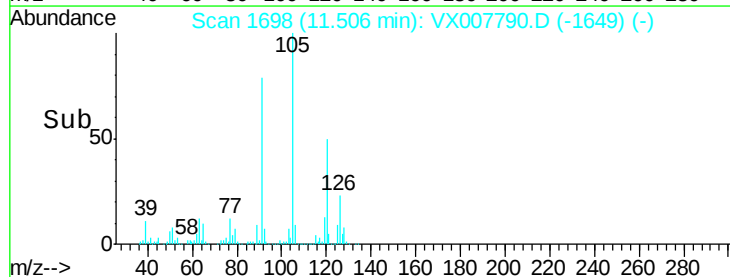
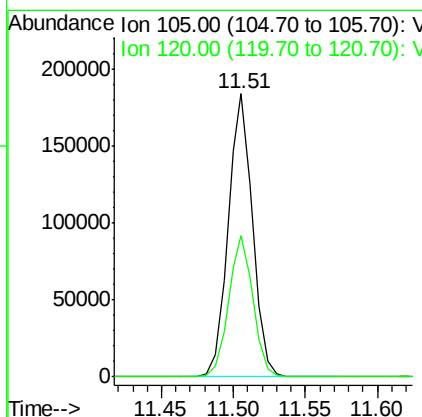
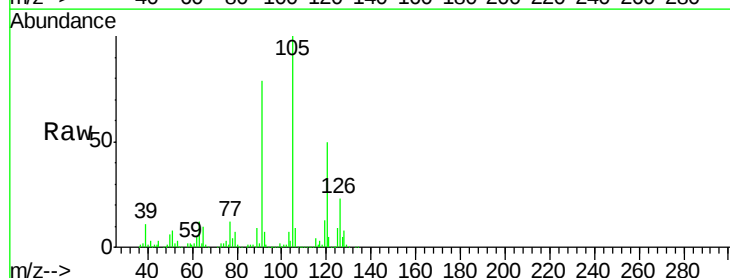
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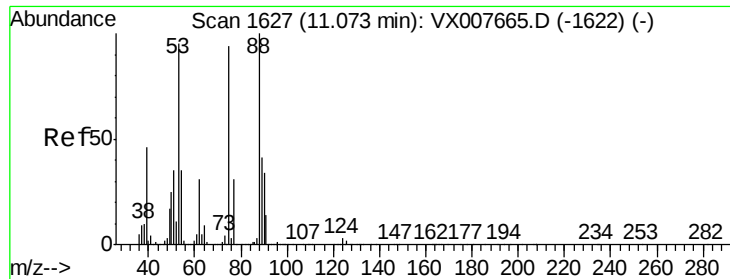
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.735 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion: 105 Resp: 217434
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.8





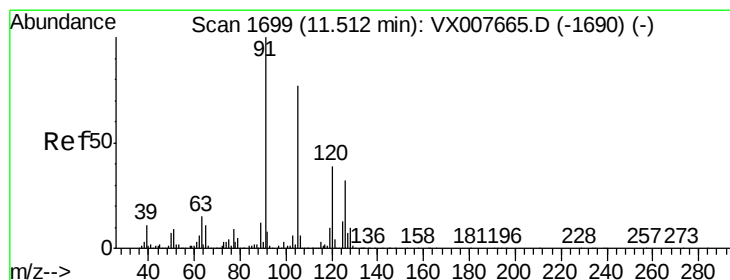
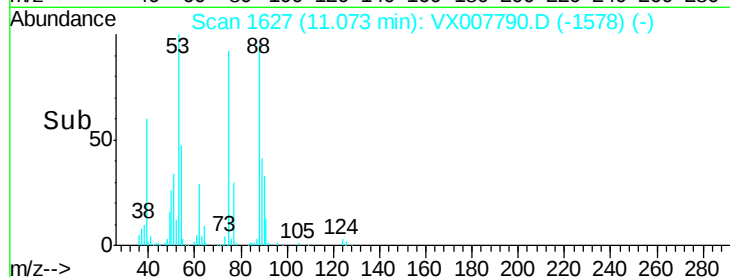
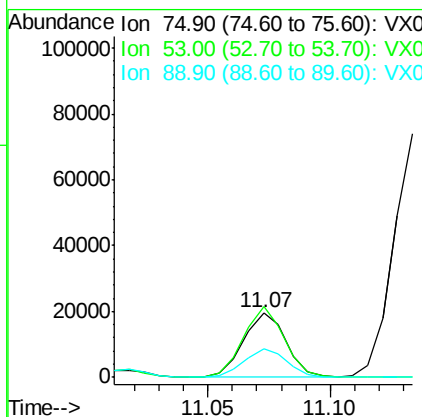
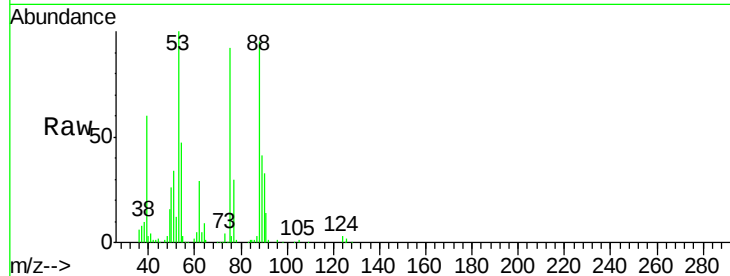
#81
trans-1,4-Dichloro-2-butene
Concen: 17.228 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.0	81.0	121.6
89	44.9	41.4	62.0

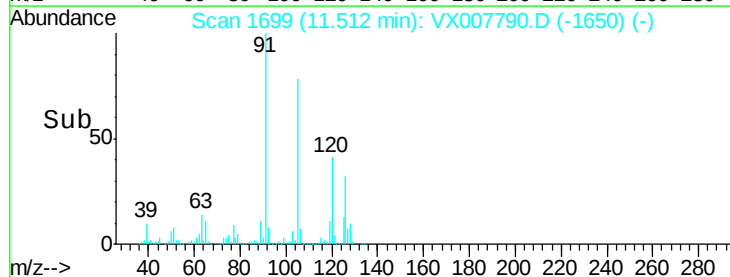
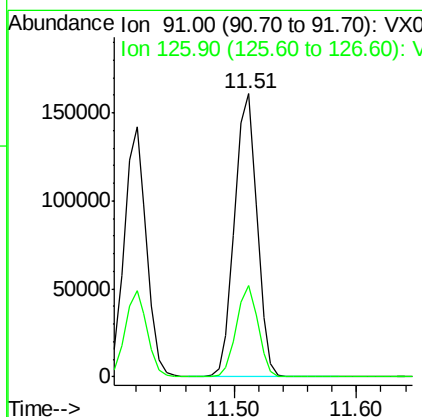
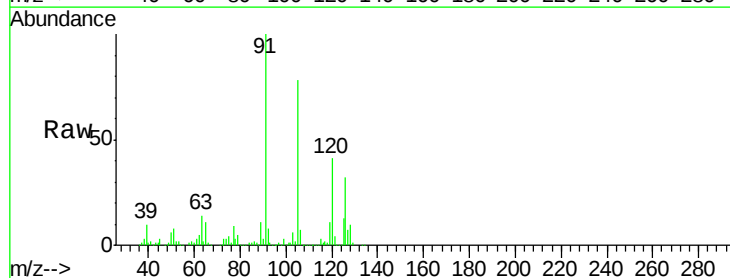
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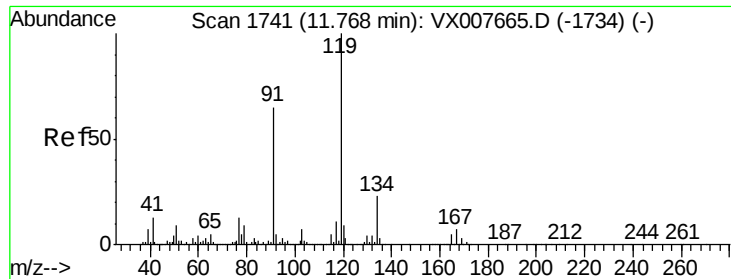
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#82
4-Chlorotoluene
Concen: 18.106 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.2	48.5





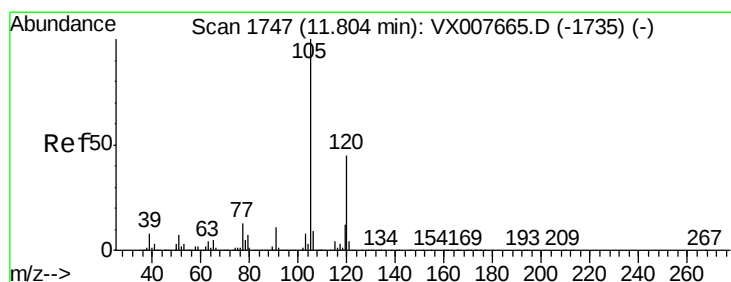
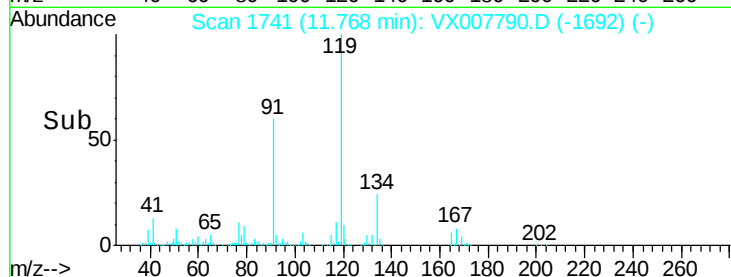
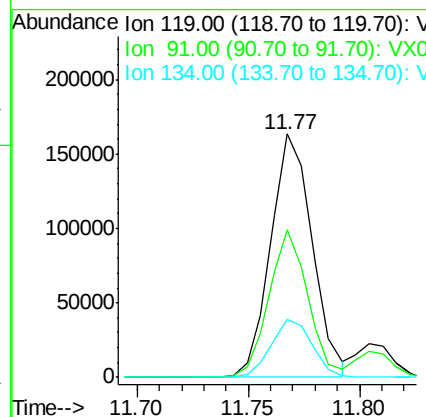
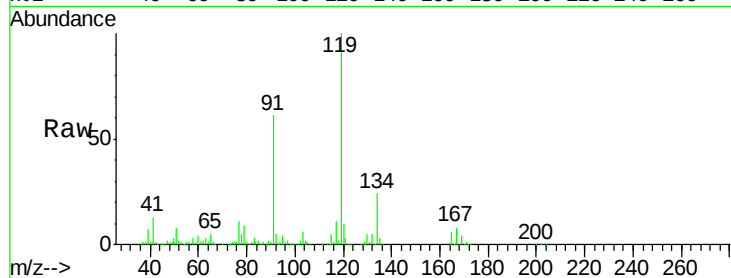
#83
 tert-Butylbenzene
 Concen: 19.007 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	211797		
91	57.1	28.5	85.6	
134	23.8	12.0	36.0	

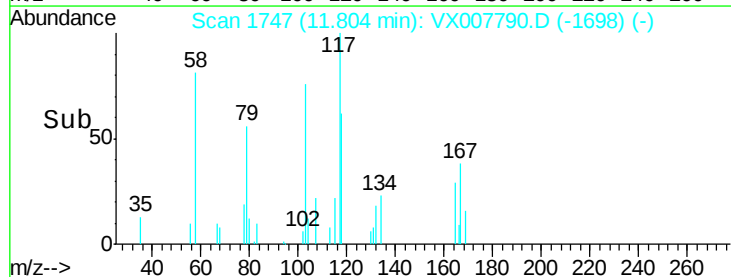
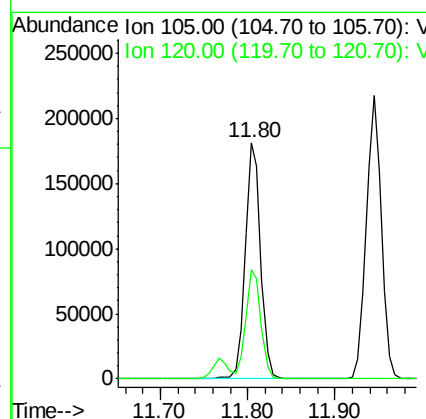
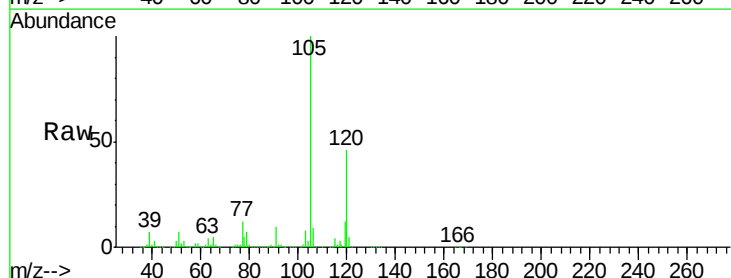
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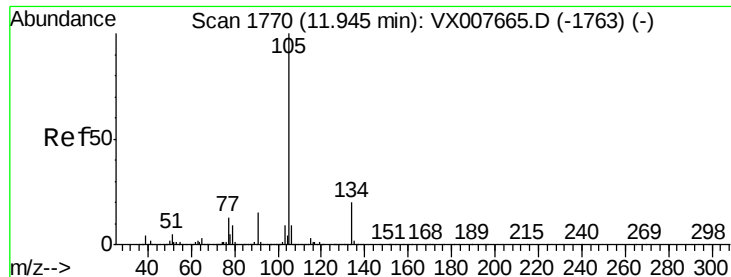
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.722 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222261		
120	45.6	23.1	69.3	





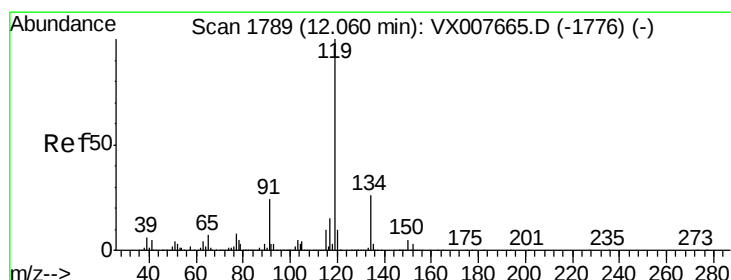
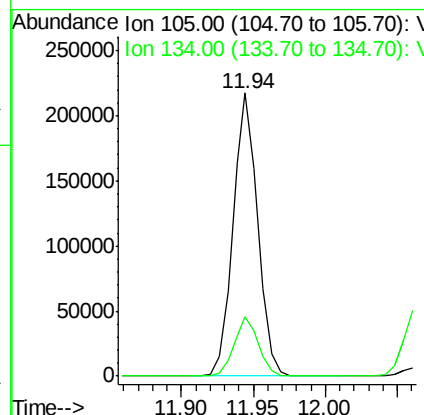
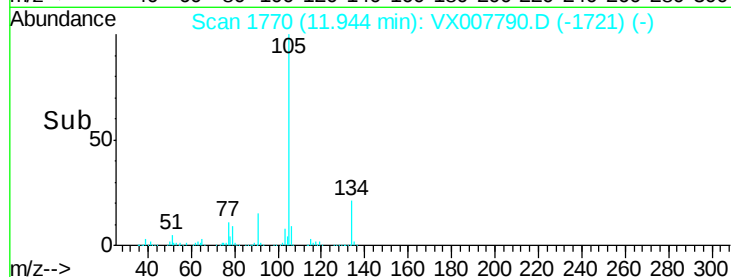
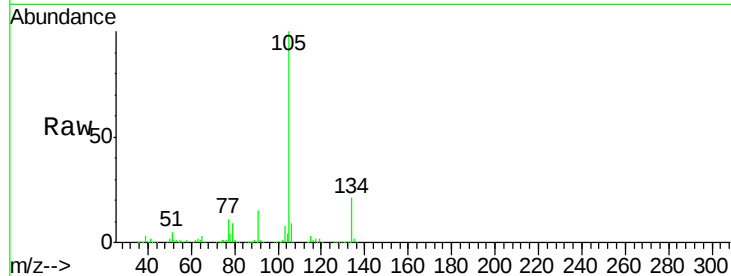
#85
 sec-Butylbenzene
 Concen: 18.623 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.6	31.8

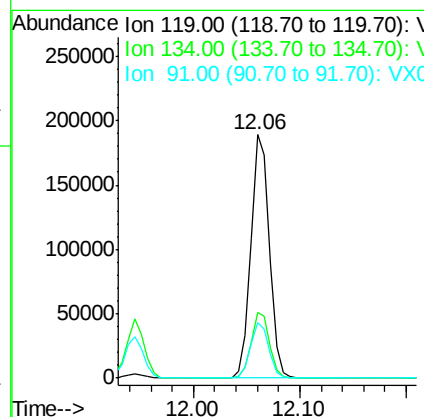
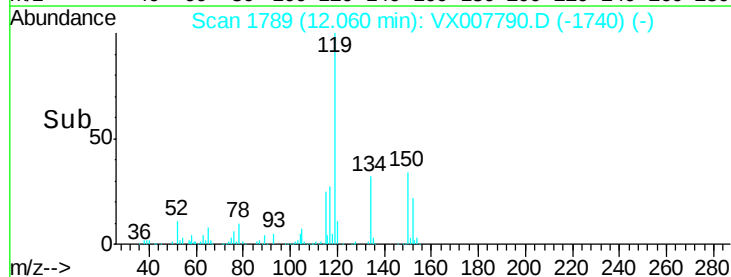
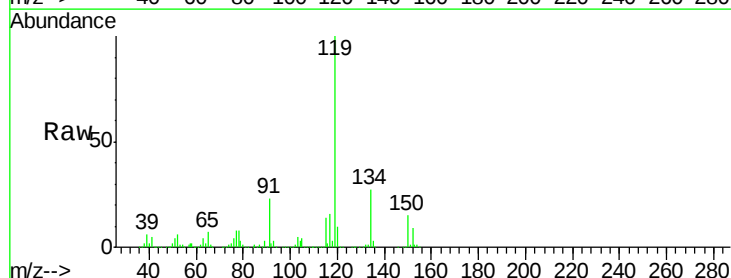
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#86
 p-Isopropyltoluene
 Concen: 18.832 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.7	41.1
91	22.5	11.2	33.5





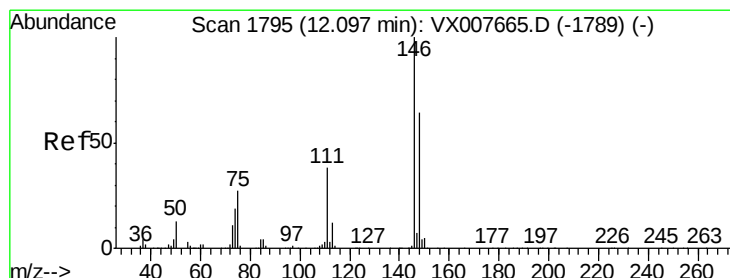
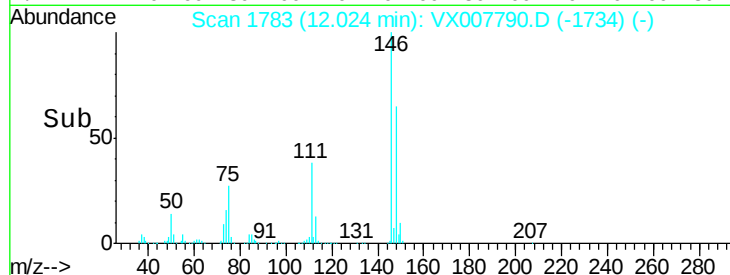
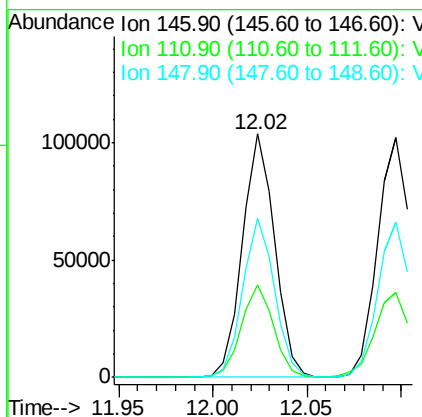
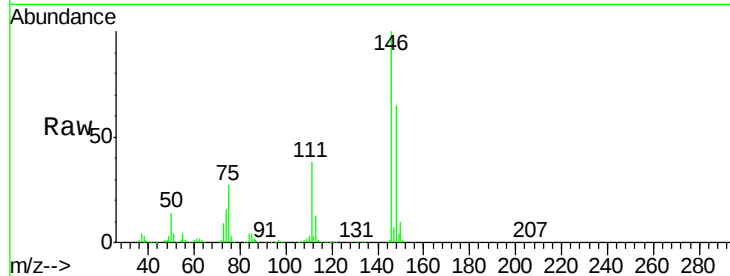
#87
 1,3-Dichlorobenzene
 Concen: 18.847 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	64.4	32.0	96.2

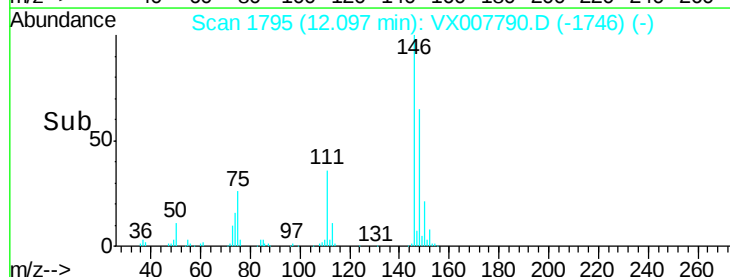
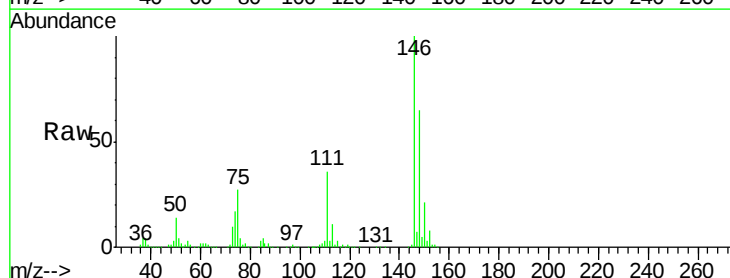
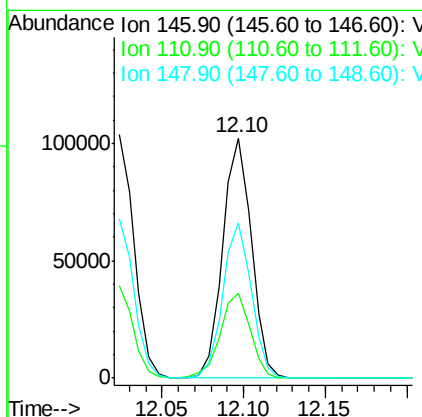
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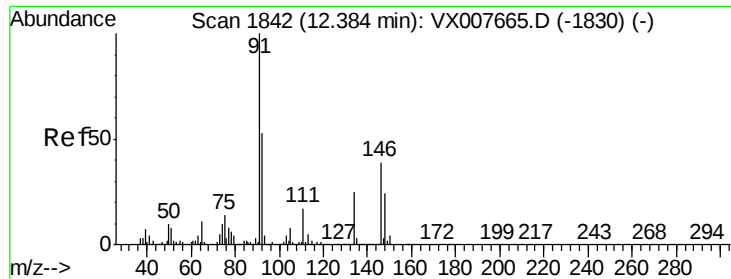
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#88
 1,4-Dichlorobenzene
 Concen: 18.667 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.3	32.3	96.9





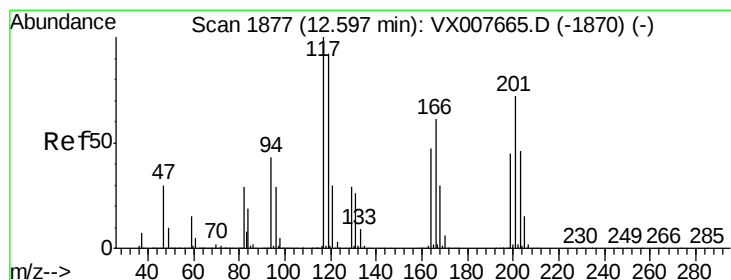
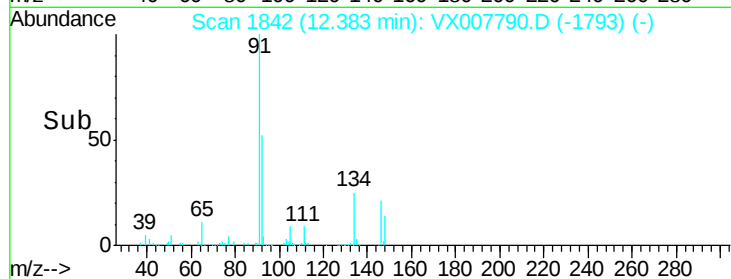
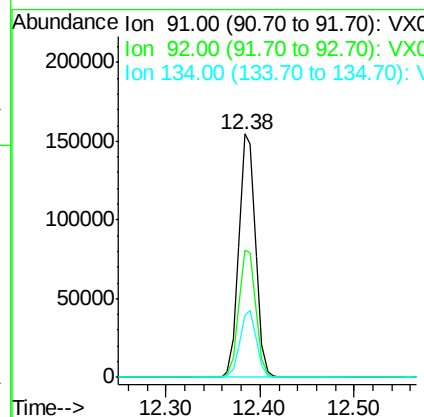
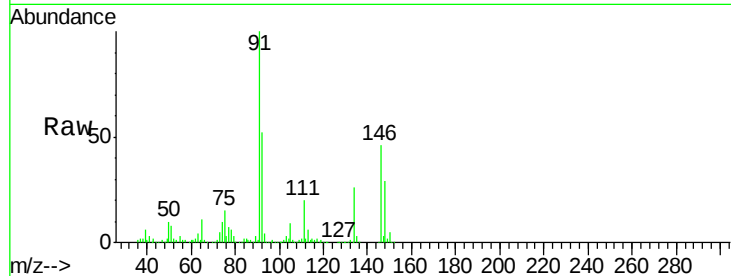
#89
n-Butylbenzene
Concen: 17.396 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	189717		
92	52.9	26.3	78.9	
134	26.9	13.9	41.6	

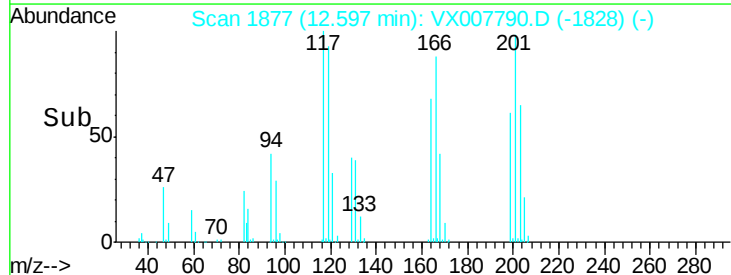
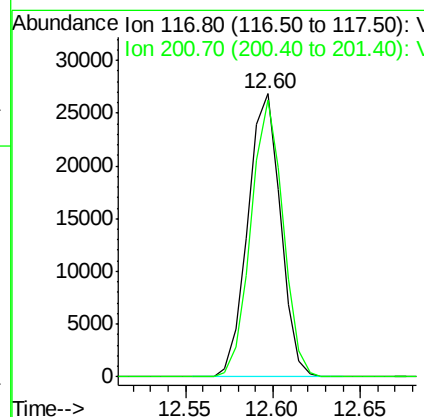
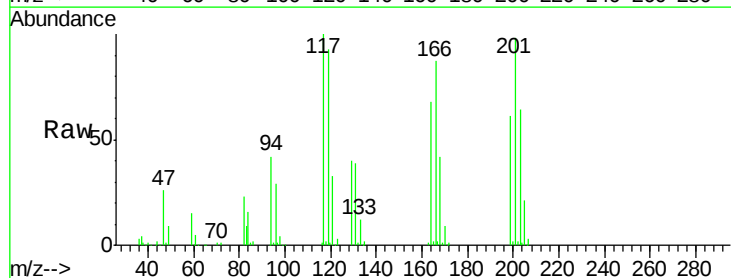
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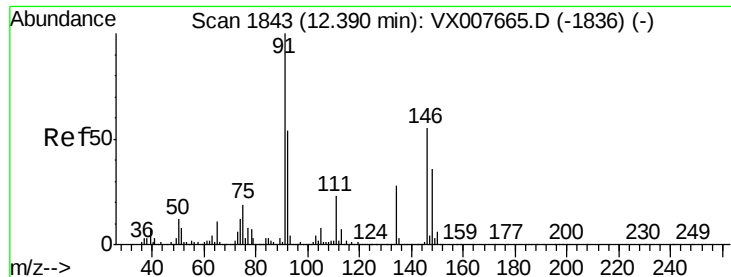
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#90
Hexachloroethane
Concen: 16.994 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007790.D
Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35017		
201	95.8	44.9	134.7	





#91

1,2-Dichlorobenzene

Concen: 19.039 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

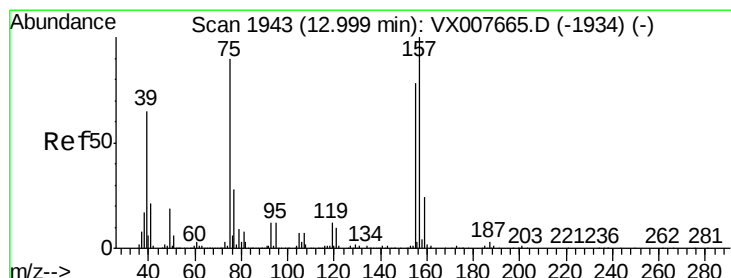
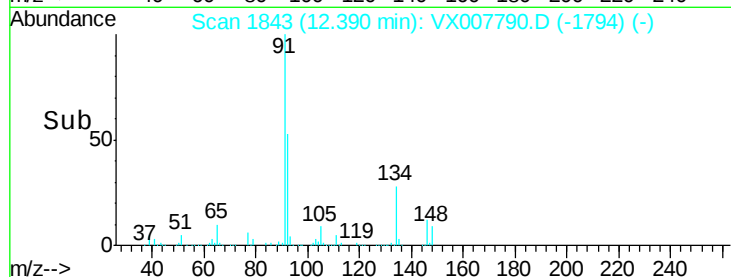
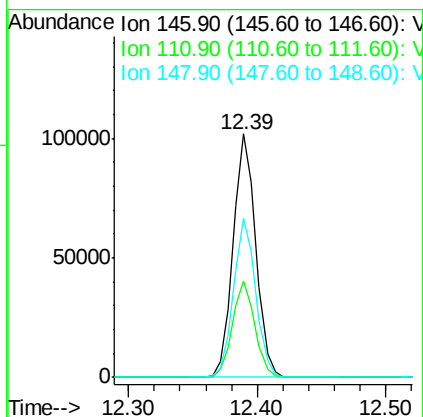
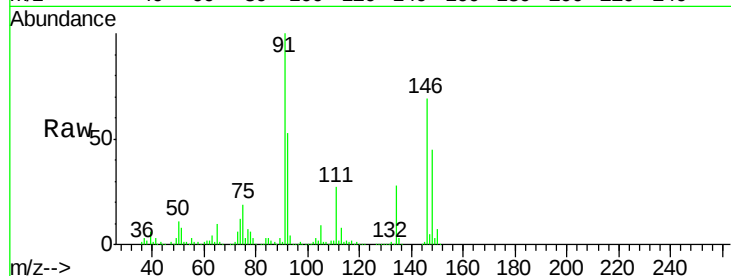
ClientSampleId :

VX0301WBSD01

Tot Ion:	146	Resp:	125050
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.1	57.3
148	64.4	32.1	96.3

Manual Integrations
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3/4/2019 1:36:23 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.044 ug/l

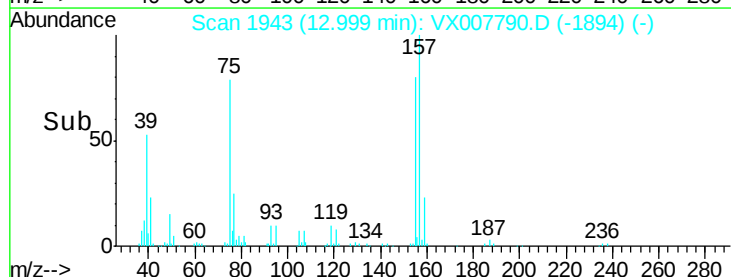
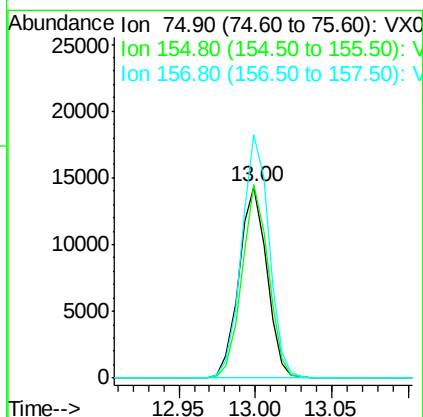
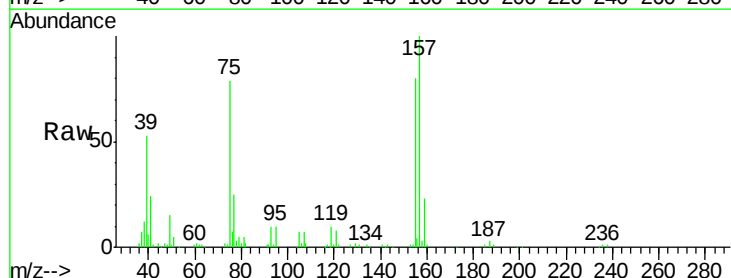
RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	75	Resp:	18123
Ion Ratio	Lower	Upper	
75	100		
155	95.7	49.6	149.0
157	125.0	65.1	195.3





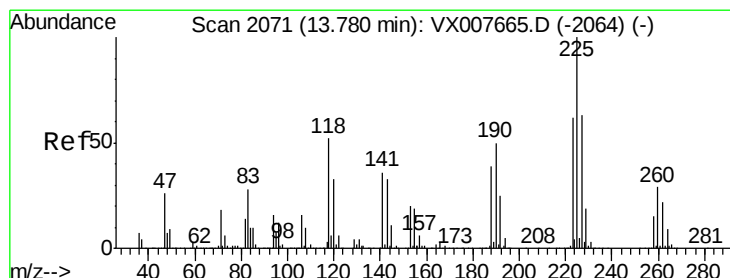
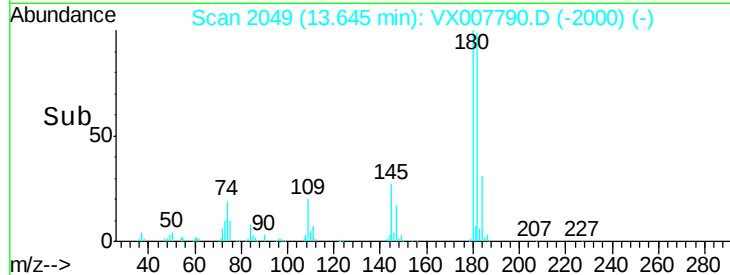
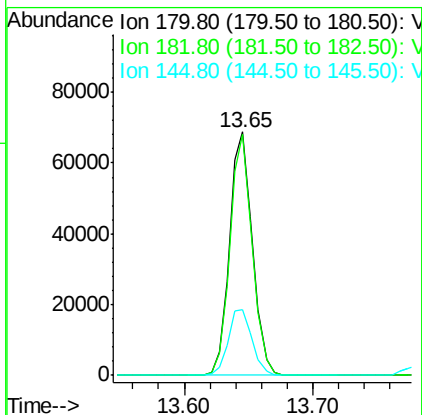
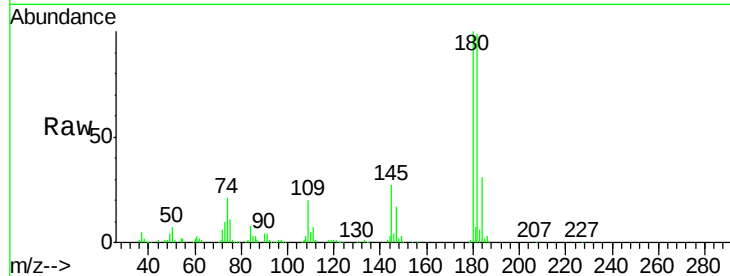
#93
 1,2,4-Trichlorobenzene
 Concen: 21.304 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.8	143.3
145	28.4	14.1	42.2

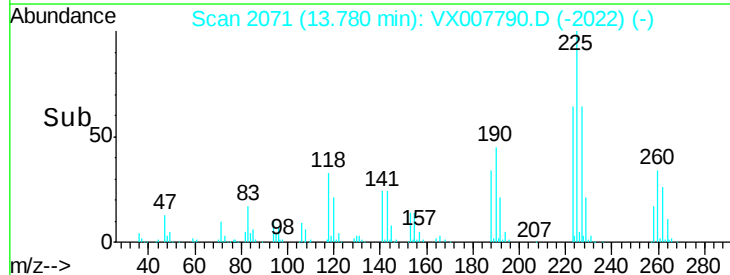
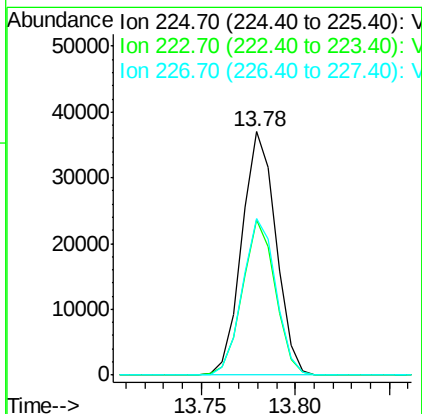
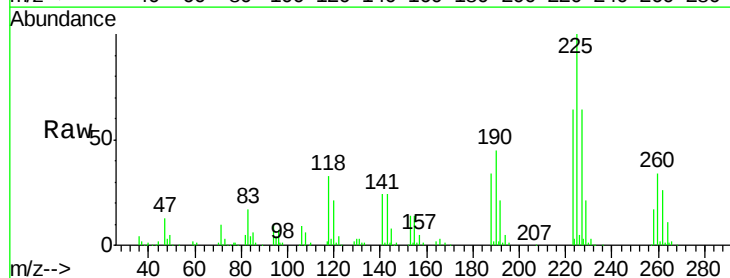
Manual Integrations
 APPROVED

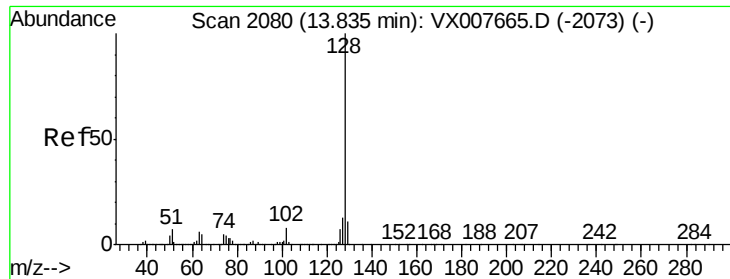
MMDadoda
 3/4/2019 1:36:23 PM



#94
 Hexachlorobutadiene
 Concen: 25.236 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007790.D
 Acq: 01 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.6	94.8
227	63.2	32.1	96.3





#95

Naphthalene

Concen: 19.797 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Instrument :

MSVOA_X

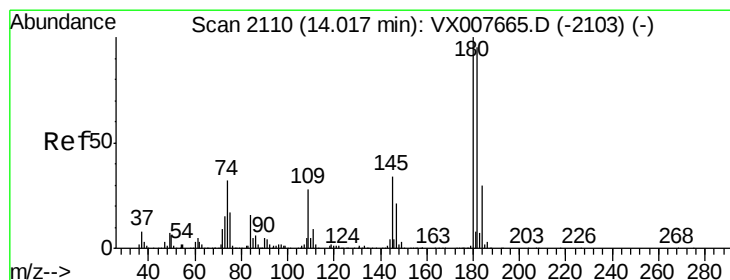
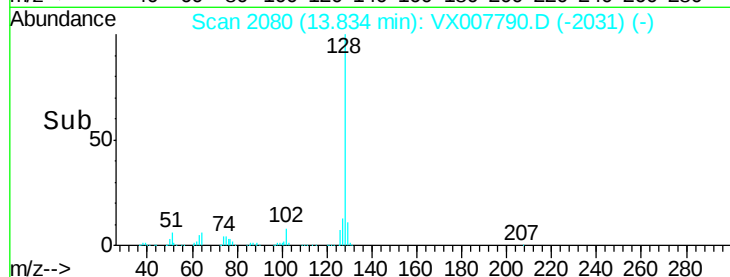
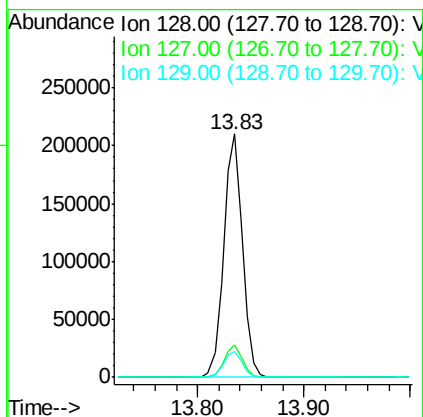
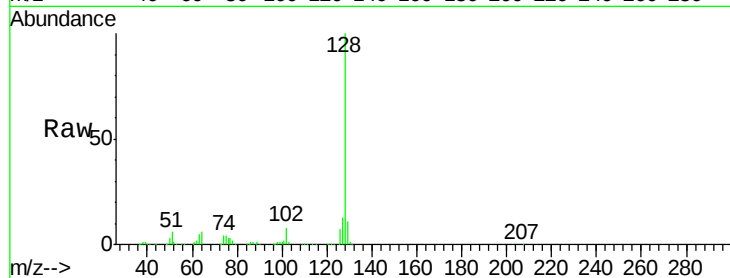
ClientSampleId :

VX0301WBSD01

Tot Ion:	128	Resp:	257157
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/4/2019 1:36:23 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.398 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007790.D

Acq: 01 Mar 2019 15:27

Tgt Ion:	180	Resp:	86143
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.5	142.6
145	30.1	14.9	44.5

