

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071118\
 Data File : VX003339.D
 Acq On : 11 Jul 2018 23:56
 Operator : JC/MD
 Sample : VX0711WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/12/2018 10:59:28 AM

Quant Time: Jul 12 01:53:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188531	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	5.51	113	162479	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.72	98	601124	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	216068	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76541	22.267	ug/l	99
3) Chloromethane	1.32	50	76376	24.438	ug/l	99
4) Vinyl Chloride	1.40	62	85477	26.646	ug/l	99
5) Bromomethane	1.64	94	37028	39.786	ug/l	98
6) Chloroethane	1.72	64	51224	28.822	ug/l	99
7) Trichlorofluoromethane	1.93	101	115402	24.202	ug/l	99
8) Diethyl Ether	2.19	74	46808	27.156	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68661	24.593	ug/l	96
10) Methyl Iodide	2.51	142	61443	23.330	ug/l	95
11) Tert butyl alcohol	3.08	59	91677	142.109	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66180	26.045	ug/l	89
13) Acrolein	2.29	56	63207	121.587	ug/l	99
14) Allyl chloride	2.73	41	123129	26.163	ug/l	89
15) Acrylonitrile	3.15	53	201163	139.647	ug/l	99
16) Acetone	2.45	43	174091	137.805	ug/l	90
17) Carbon Disulfide	2.57	76	173266	24.539	ug/l	98
18) Methyl Acetate	2.78	43	112726	31.630	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	218408	25.735	ug/l	99
20) Methylene Chloride	2.86	84	77075	29.483	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	69084	25.506	ug/l	98
22) Diisopropyl ether	3.88	45	209559	21.886	ug/l	97
23) Vinyl Acetate	3.82	43	870748	107.115	ug/l	100
24) 1,1-Dichloroethane	3.70	63	134881	27.066	ug/l	99
25) 2-Butanone	4.71	43	248369	111.107	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67941	15.587	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	72301	21.720	ug/l	92
28) Bromochloromethane	5.02	49	62352	24.833	ug/l	95
29) Tetrahydrofuran	5.17	42	156723	108.018	ug/l	94
30) Chloroform	5.22	83	120291	21.943	ug/l	98
31) Cyclohexane	5.57	56	97094	20.806	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	97590	20.180	ug/l	99
36) 1,1-Dichloropropene	5.81	75	85244	19.305	ug/l	100
37) Ethyl Acetate	4.87	43	93063	19.225	ug/l	96
38) Carbon Tetrachloride	5.79	117	85184	17.635	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93680	18.008	ug/l	98
40) Benzene	6.15	78	261997	20.022	ug/l	99
41) Methacrylonitrile	5.06	41	52567	19.835	ug/l	94
42) 1,2-Dichloroethane	6.20	62	91647	18.746	ug/l	98
43) Isopropyl Acetate	6.47	43	141570	18.624	ug/l	96
44) Trichloroethene	7.21	130	72447	18.722	ug/l	99
45) 1,2-Dichloropropane	7.52	63	67813	19.933	ug/l	100
46) Dibromomethane	7.67	93	43919	18.940	ug/l	98
47) Bromodichloromethane	7.90	83	80977	18.926	ug/l	100
48) Methyl methacrylate	7.78	41	73456	18.841	ug/l	89
49) 1,4-Dioxane	7.76	88	31583	387.444	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	481970	101.844	ug/l	93
52) Toluene	8.79	92	163484	19.764	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	92966	18.466	ug/l	95
54) cis-1,3-Dichloropropene	9.04	75	82587	18.024	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	66831	19.475	ug/l	97
56) Ethyl methacrylate	9.18	69	93814	19.960	ug/l #	88
57) 1,3-Dichloropropane	9.37	76	111510	20.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	258907	114.193	ug/l	100
59) 2-Hexanone	9.50	43	361569	100.590	ug/l	93
60) Dibromochloromethane	9.59	129	62922	17.561	ug/l	96
61) 1,2-Dibromoethane	9.68	107	68619	19.080	ug/l	100
64) Tetrachloroethene	9.34	164	87470	19.974	ug/l	96
65) Chlorobenzene	10.14	112	183842	18.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63835	17.975	ug/l	98
67) Ethyl Benzene	10.26	91	307034	19.289	ug/l	98
68) m/p-Xylenes	10.36	106	237845	38.410	ug/l	98
69) o-Xylene	10.70	106	114924	19.157	ug/l	97
70) Styrene	10.71	104	186183	19.140	ug/l	98
71) Bromoform	10.86	173	46498	15.913	ug/l #	100
73) Isopropylbenzene	11.02	105	305733	20.141	ug/l	100
74) N-amyl acetate	6.47	43	141570	19.550	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	96795	20.558	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95611m	23.011	ug/l	
77) Bromobenzene	11.26	156	83842	19.130	ug/l	99
78) n-propylbenzene	11.36	91	348303	20.637	ug/l	99
79) 2-Chlorotoluene	11.43	91	208388	20.267	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	252957	20.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21656	17.034	ug/l	99
82) 4-Chlorotoluene	11.51	91	241996	20.158	ug/l	99
83) tert-Butylbenzene	11.77	119	236384	18.722	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	260342	20.114	ug/l	99
85) sec-Butylbenzene	11.95	105	296668	19.880	ug/l	100
86) p-Isopropyltoluene	12.07	119	262848	19.332	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	149462	18.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150855	18.534	ug/l	99
89) n-Butylbenzene	12.39	91	218167	19.205	ug/l	99
90) Hexachloroethane	12.60	117	35442	17.074	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	152002	18.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19085	18.893	ug/l	97

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ClientSampleId :
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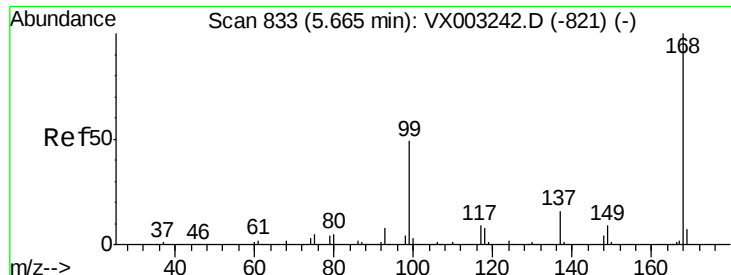
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111043	18.900	ug/l	99
94) Hexachlorobutadiene	13.79	225	51498	17.606	ug/l	100
95) Naphthalene	13.83	128	327354	21.296	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108394	18.498	ug/l	99

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



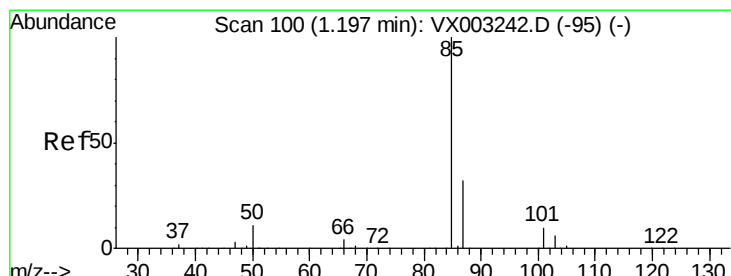
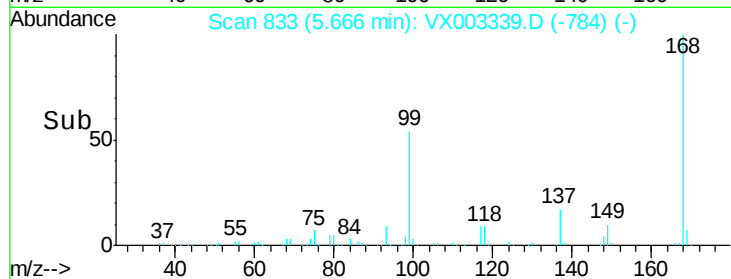
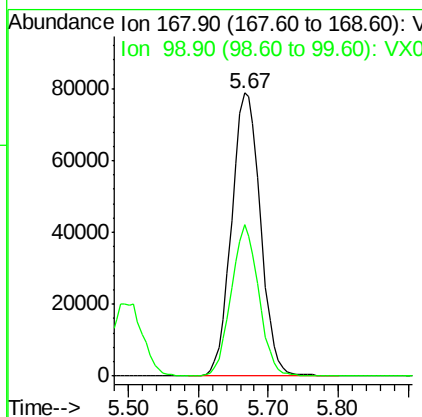
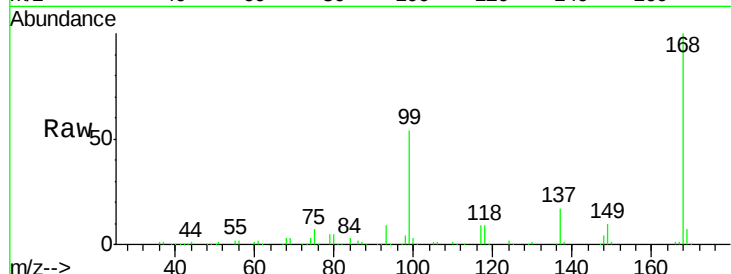
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.5	39.3	58.9

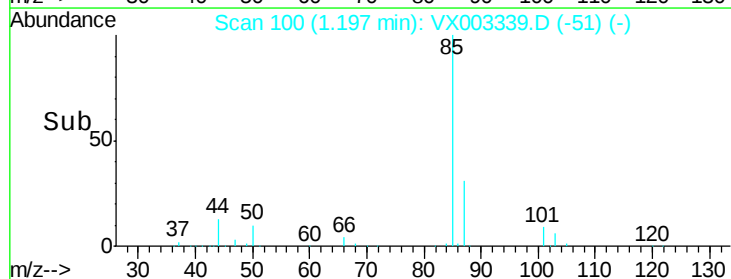
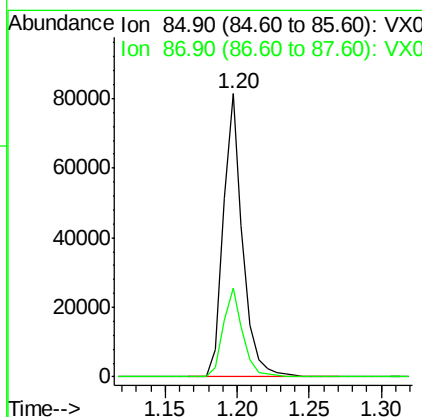
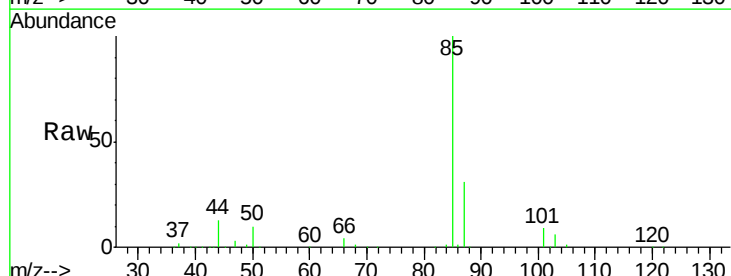
Manual Integrations
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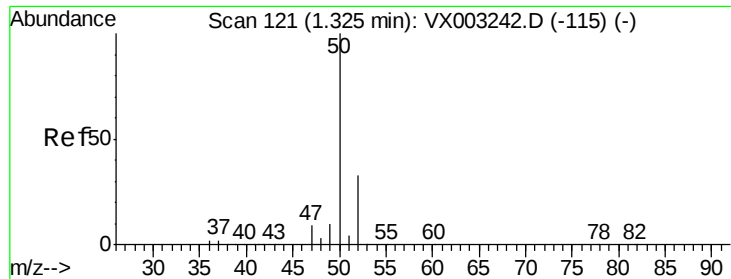
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#2
Dichlorodifluoromethane
Concen: 22.267 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.0	47.9





#3

Chloromethane

Concen: 24.438 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion: 50 Resp: 76376

Ion Ratio Lower Upper

50 100

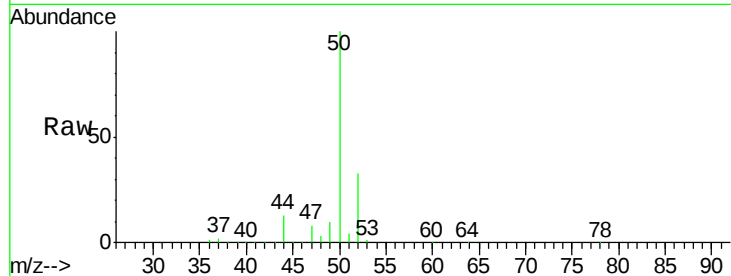
52 32.9 25.7 38.5

Manual Integrations

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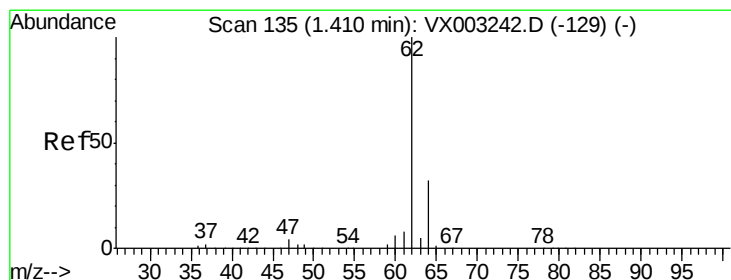
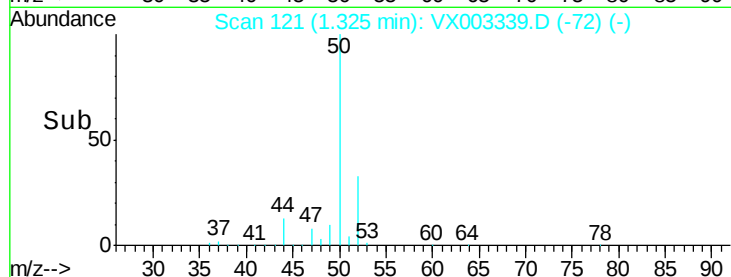
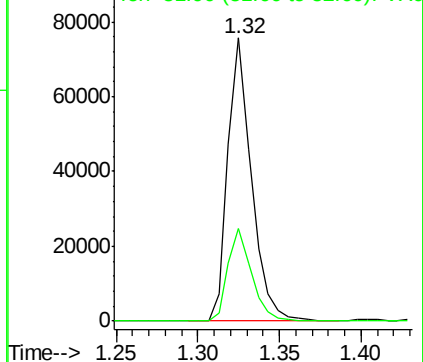
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 26.646 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003339.D

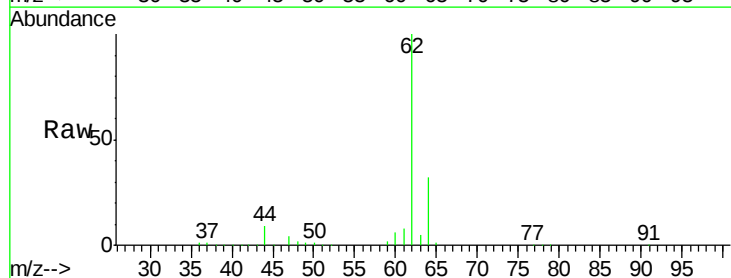
Acq: 11 Jul 2018 23:56

Tgt Ion: 62 Resp: 85477

Ion Ratio Lower Upper

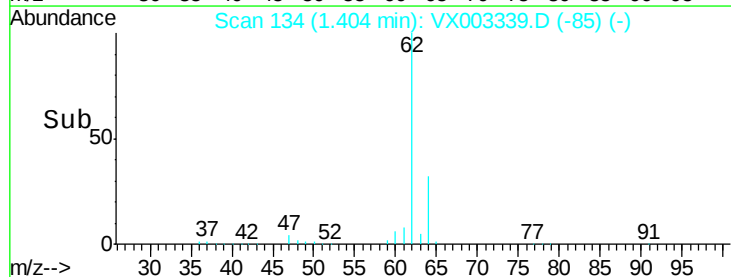
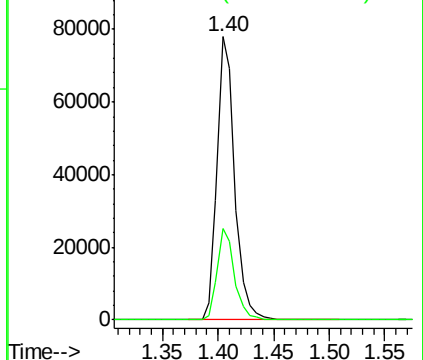
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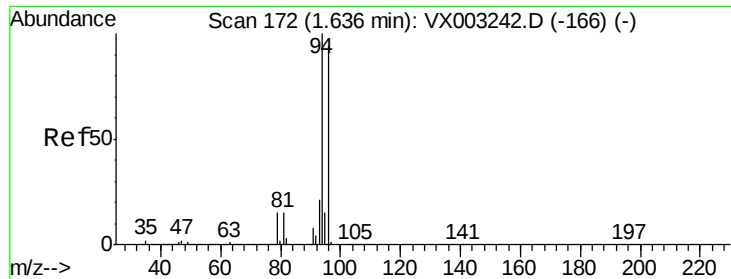
64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.786 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion: 94 Resp: 37028

Ion Ratio Lower Upper

94 100

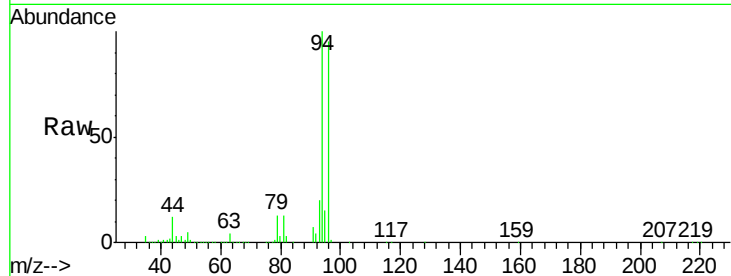
96 95.1 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

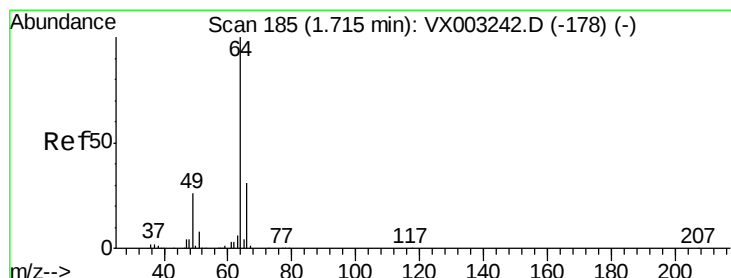
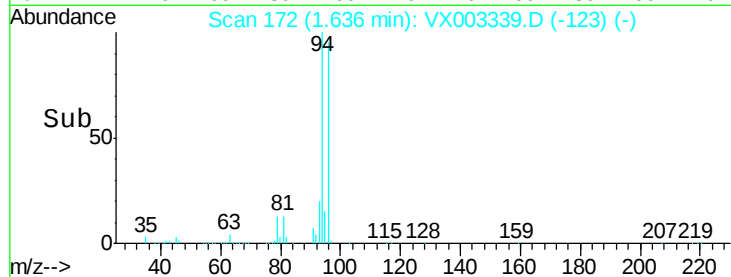
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10000

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Time-->

1.60 1.70



#6

Chloroethane

Concen: 28.822 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003339.D

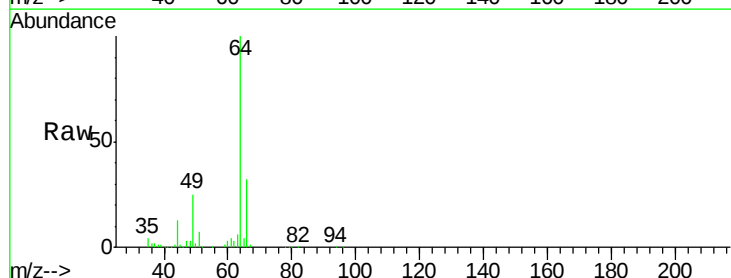
Acq: 11 Jul 2018 23:56

Tgt Ion: 64 Resp: 51224

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

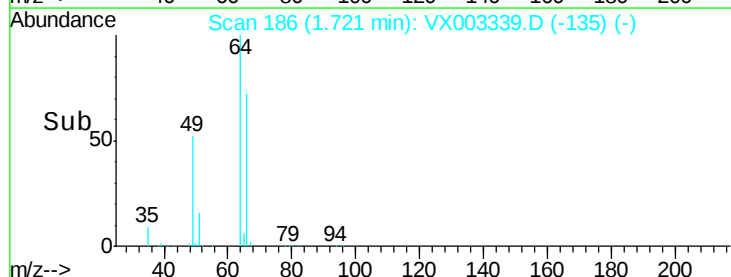
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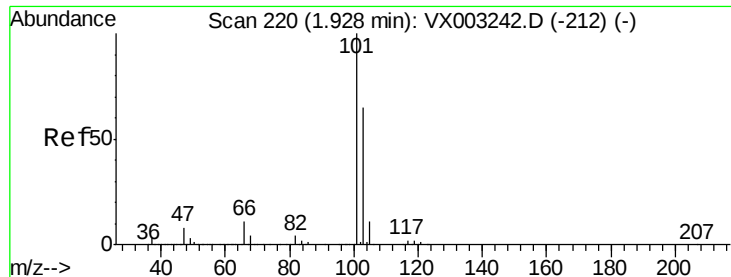
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Time-->

1.65 1.70 1.75 1.80





#7

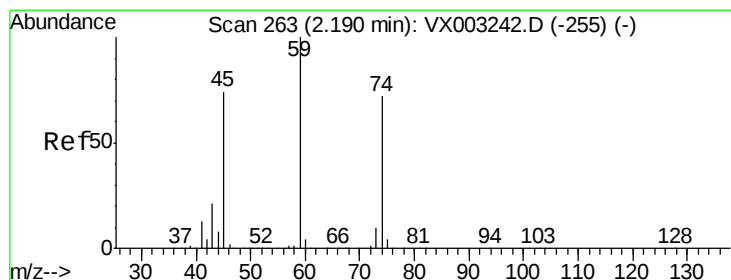
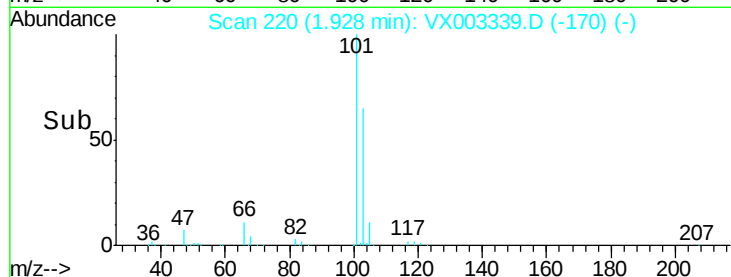
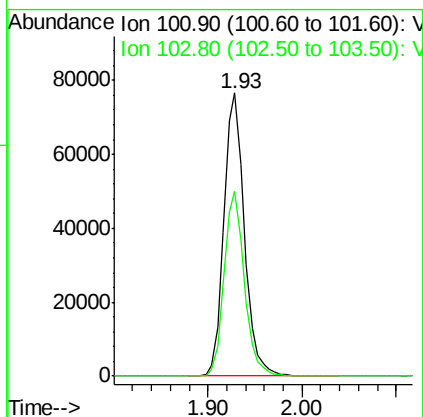
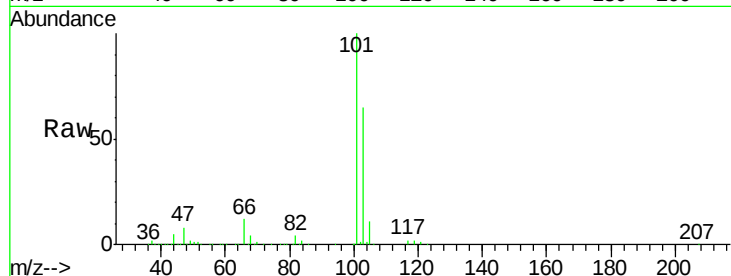
Trichlorofluoromethane
Concen: 24.202 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.8	79.2

Manual Integrations
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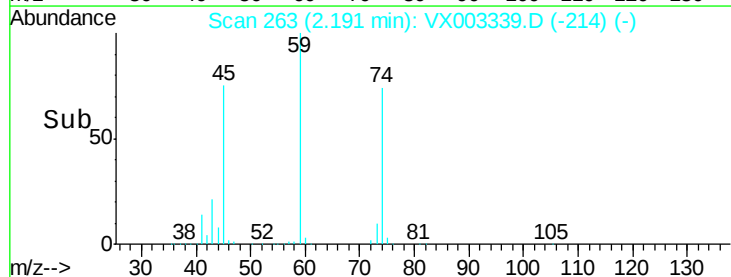
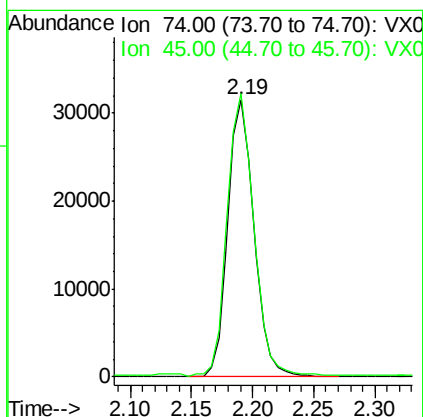
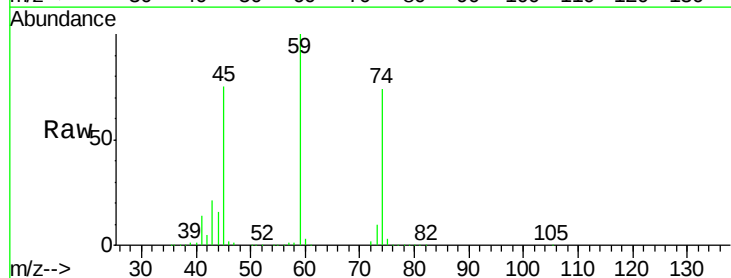
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7/12/2018 10:59:28 AM

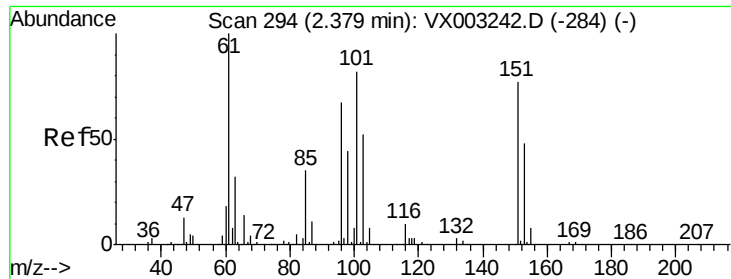


#8

Diethyl Ether
Concen: 27.156 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.593 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

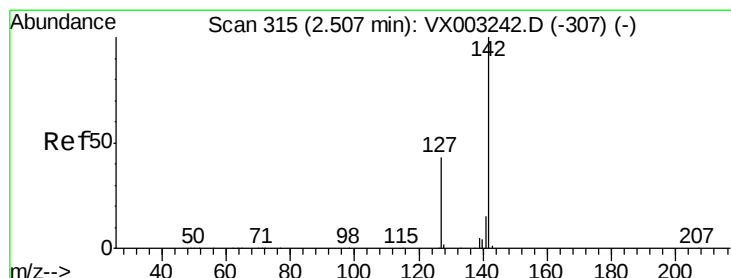
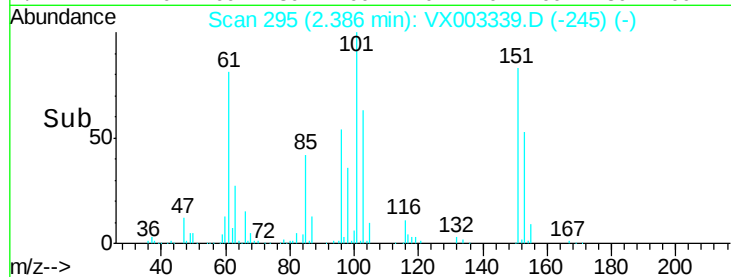
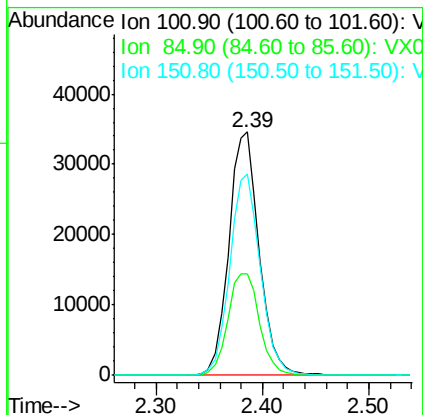
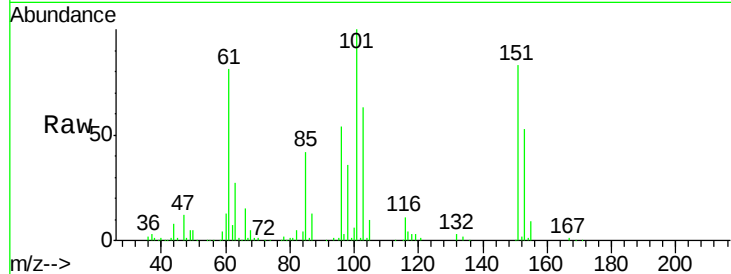
ClientSampleId :

VX0711WBS02

Tot Ion:	101	Resp:	68661
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	83.7	70.9	106.3

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#10

Methyl Iodide

Concen: 23.330 ug/l

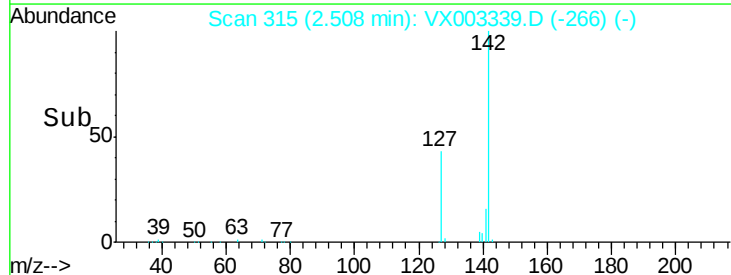
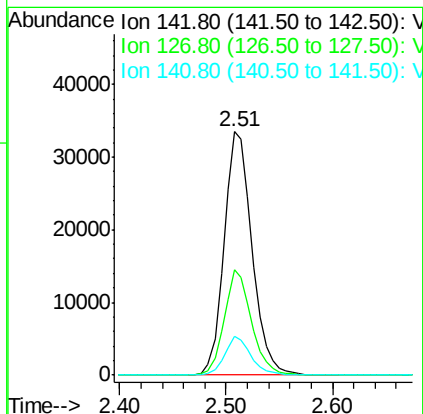
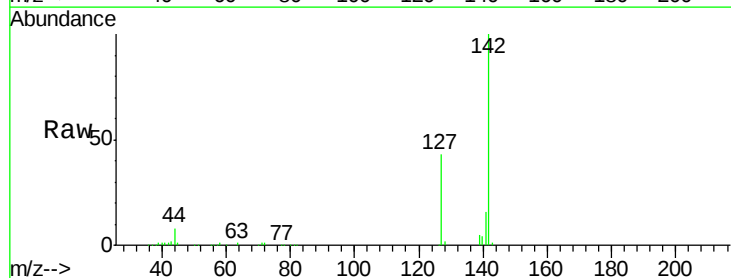
RT: 2.51 min Scan# 315

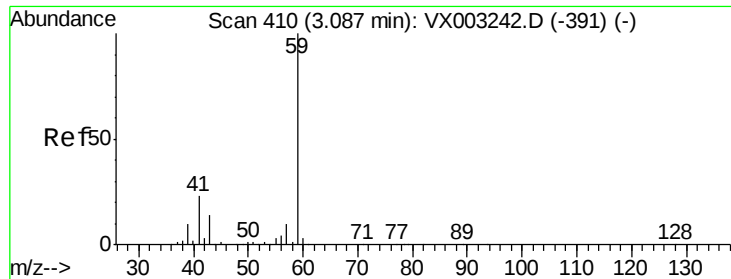
Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion:	142	Resp:	61443
Ion Ratio	Lower	Upper	
142	100		
127	42.2	36.6	55.0
141	14.9	11.3	16.9





#11

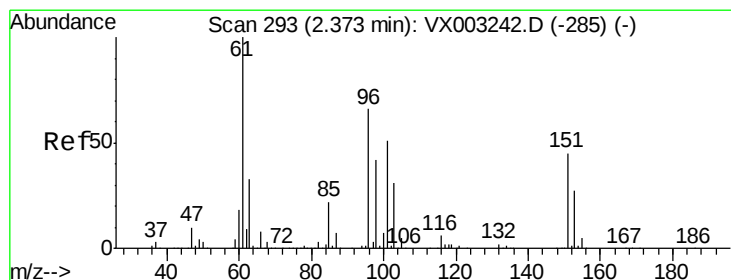
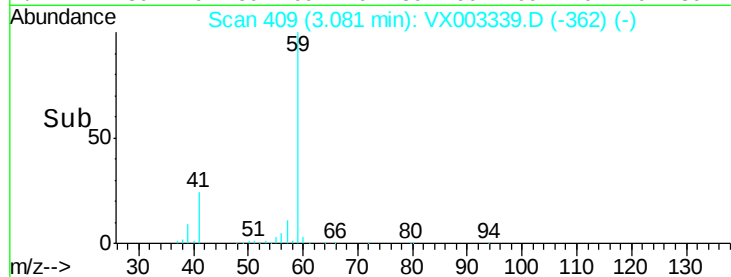
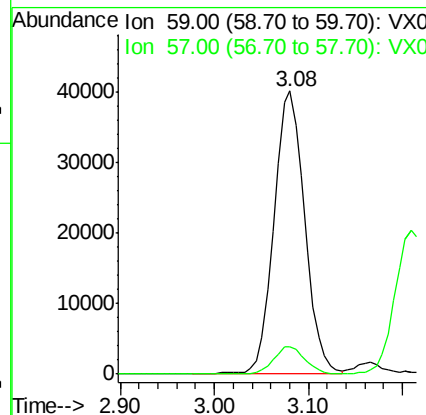
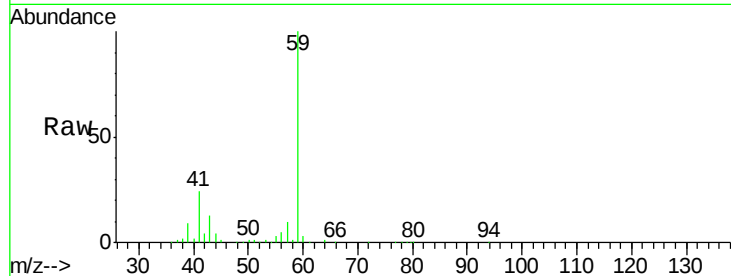
Tert butyl alcohol
Concen: 142.109 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	59	57	Ratio	100	9.8	Resp	91677	Lower	Upper

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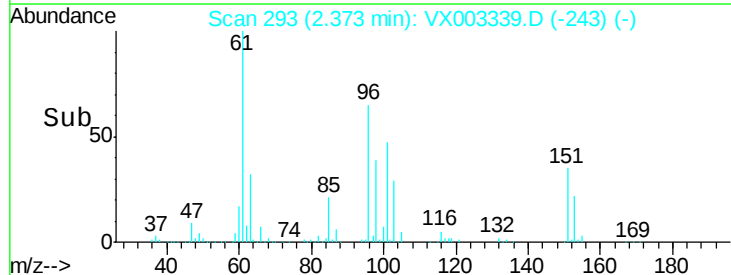
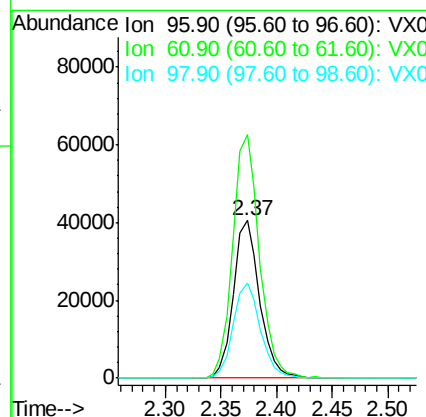
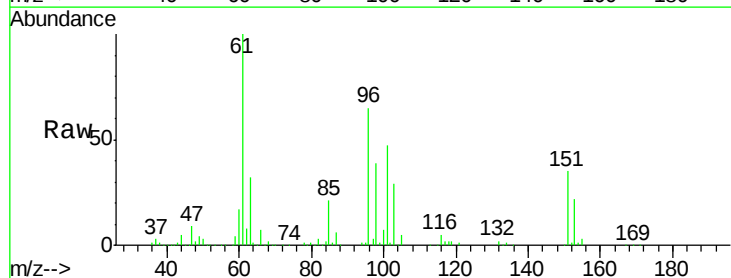
MMDadoda
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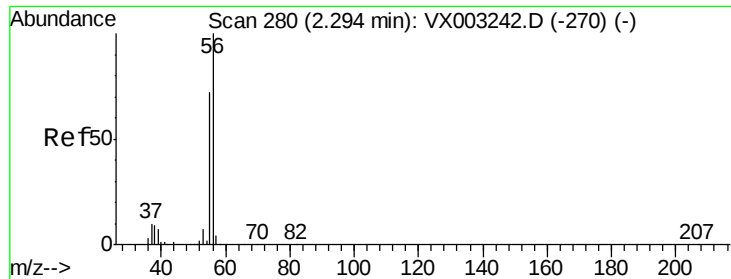


#12

1,1-Dichloroethene
Concen: 26.045 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	96	61	98	Ratio	100	154.5	60.4	Resp	66180	Lower	Upper





#13

Acrolein

Concen: 121.587 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion: 56 Resp: 63207

Ion Ratio Lower Upper

56 100

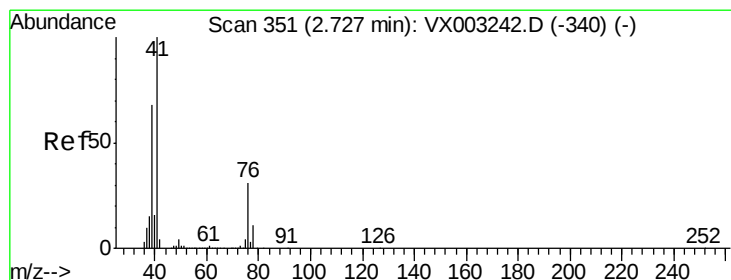
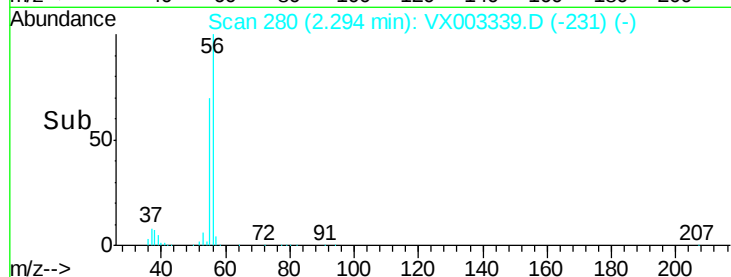
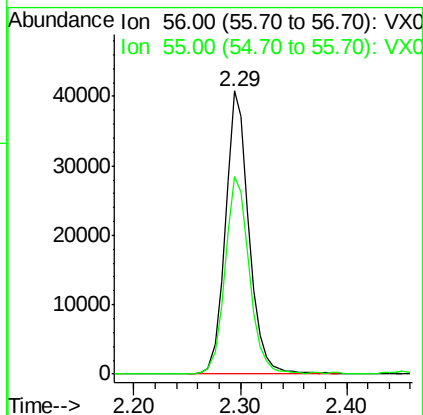
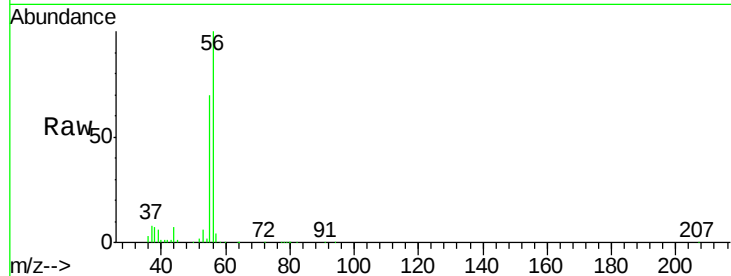
55 72.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 26.163 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

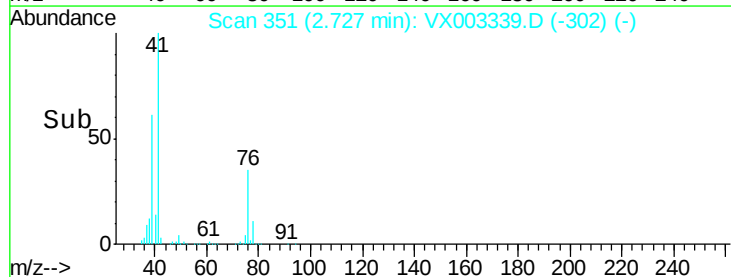
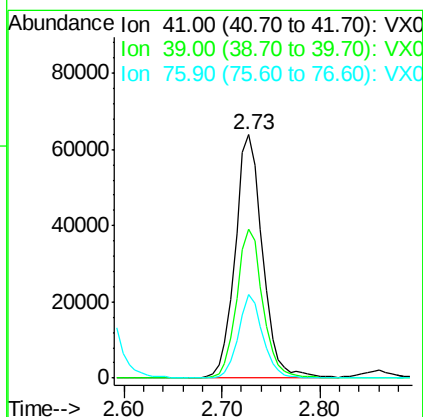
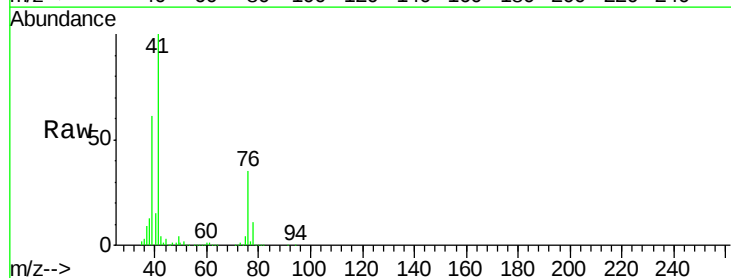
Tgt Ion: 41 Resp: 123129

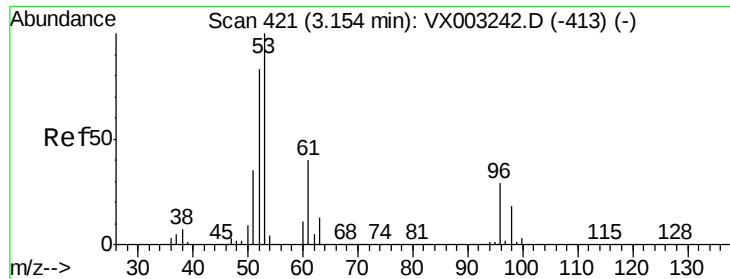
Ion Ratio Lower Upper

41 100

39 58.9 56.8 85.2

76 31.2 23.8 35.8





#15

Acrylonitrile

Concen: 139.647 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003339.D

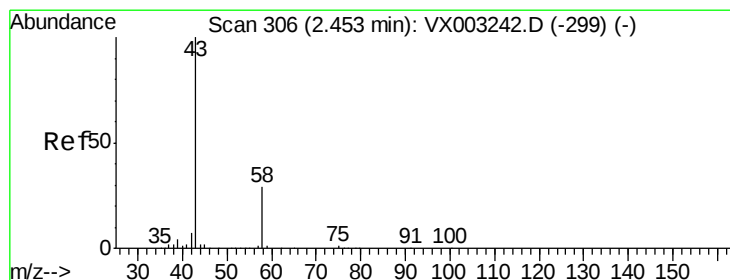
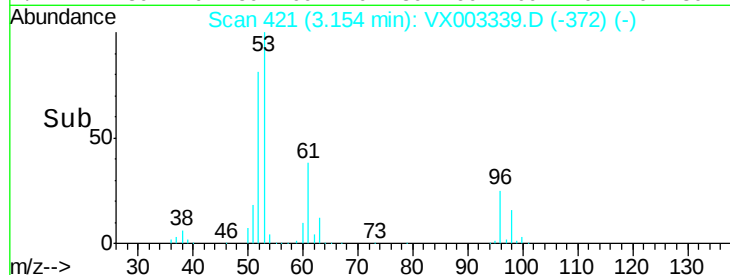
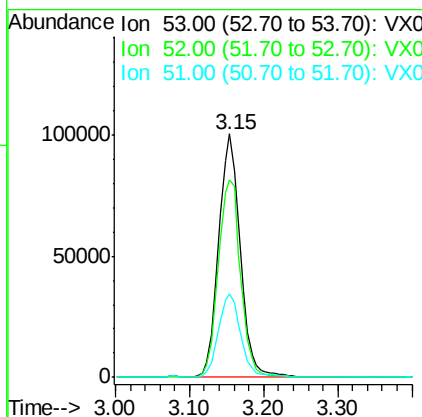
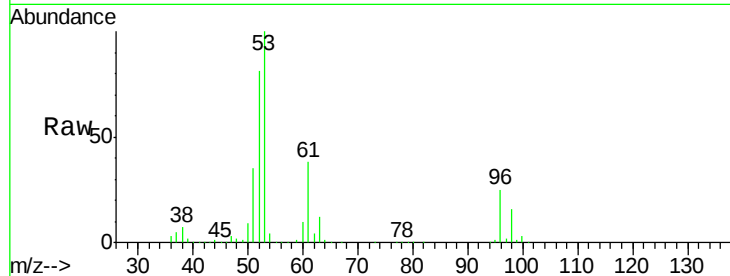
Acq: 11 Jul 2018 23:56

Tot Ion:	53	Resp:	201163
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.7	100.1
51	35.7	29.9	44.9

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

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#16

Acetone

Concen: 137.805 ug/l

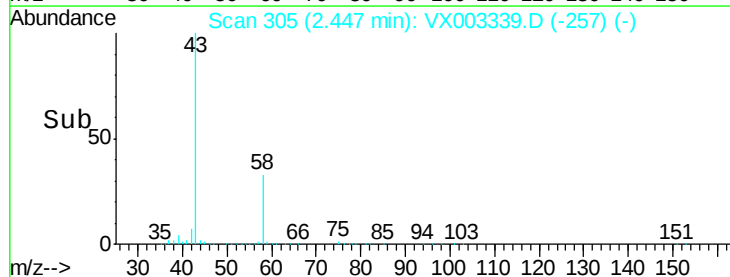
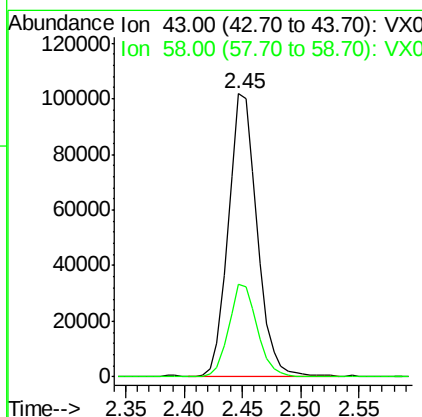
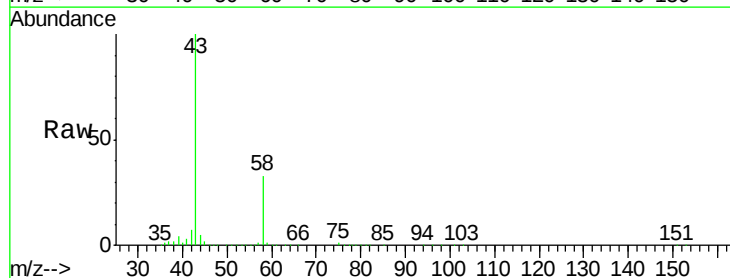
RT: 2.45 min Scan# 305

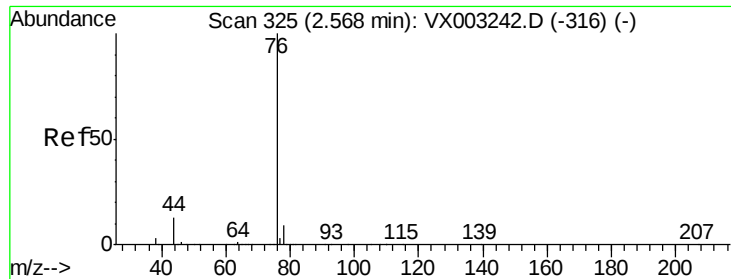
Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion:	43	Resp:	174091
Ion Ratio	Lower	Upper	
43	100		
58	32.6	22.1	33.1





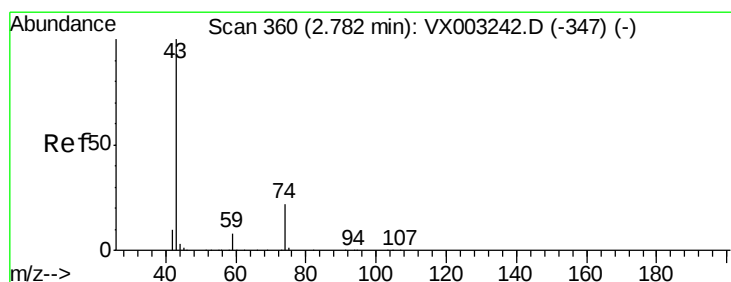
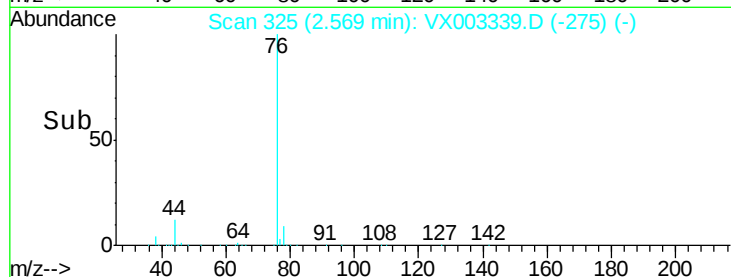
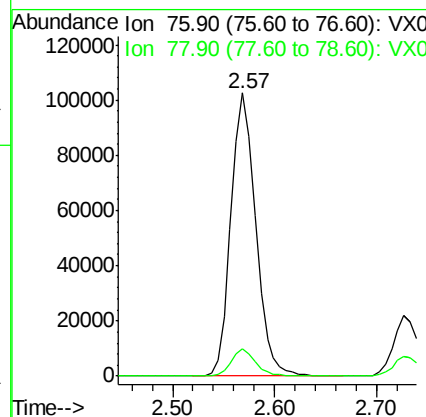
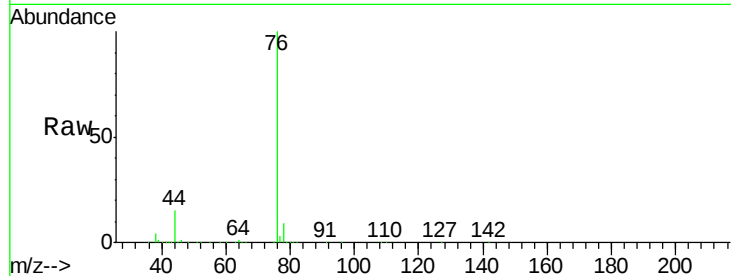
#17
Carbon Disulfide
Concen: 24.539 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.9	10.3

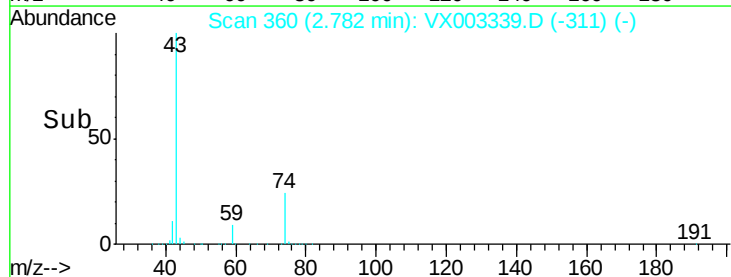
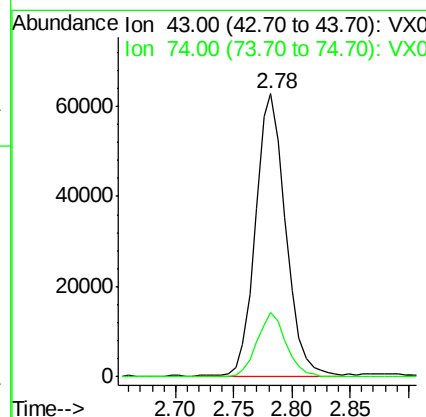
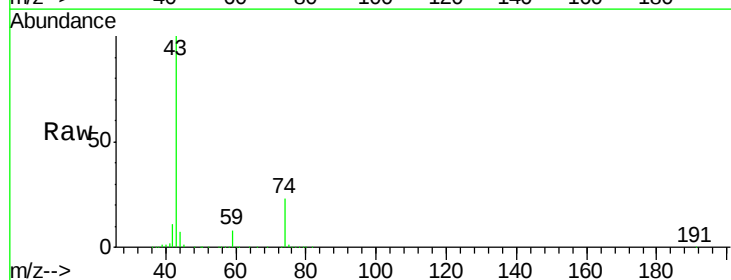
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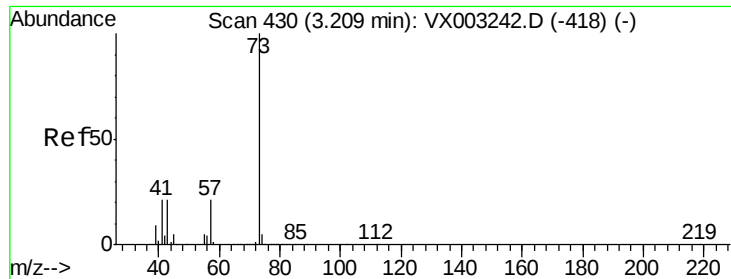
MMDadoda
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#18
Methyl Acetate
Concen: 31.630 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	16.7	25.1





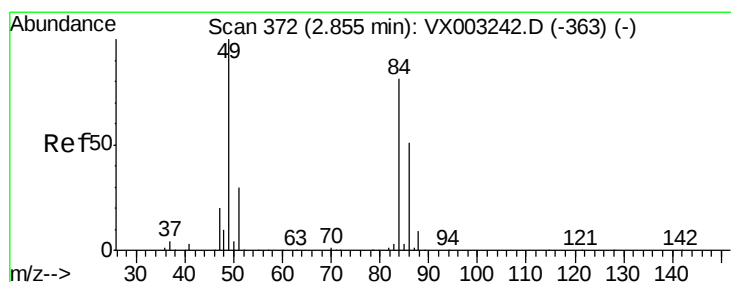
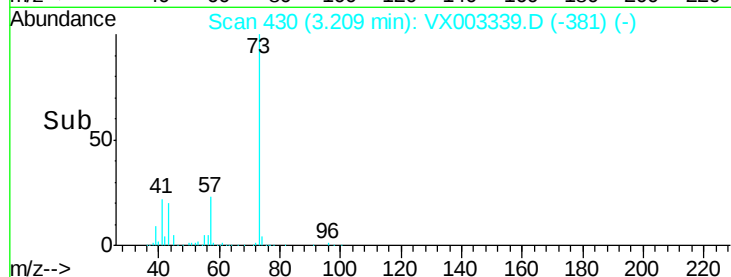
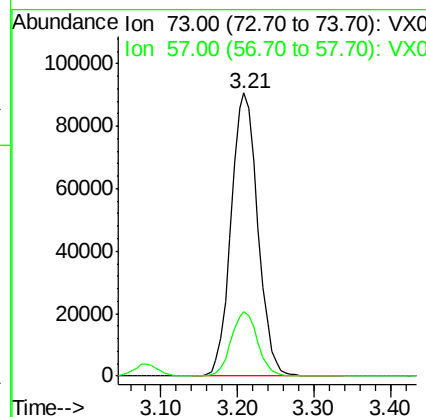
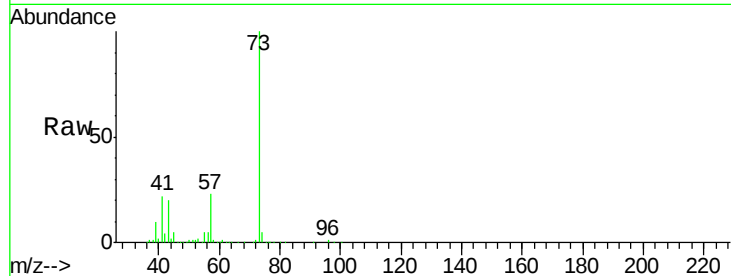
#19
Methvl tert-butvl Ether
Concen: 25.735 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 73 Resp: 218408
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

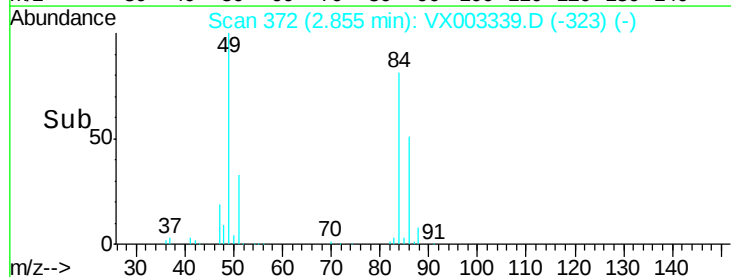
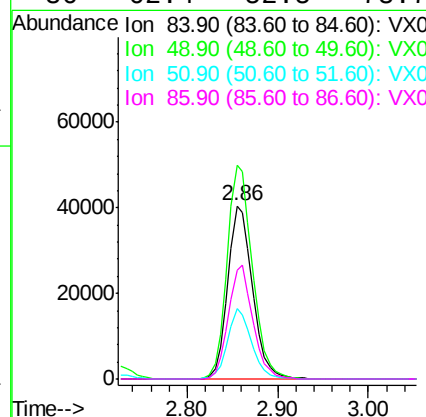
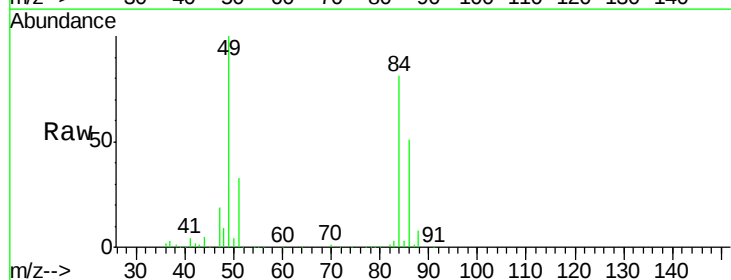
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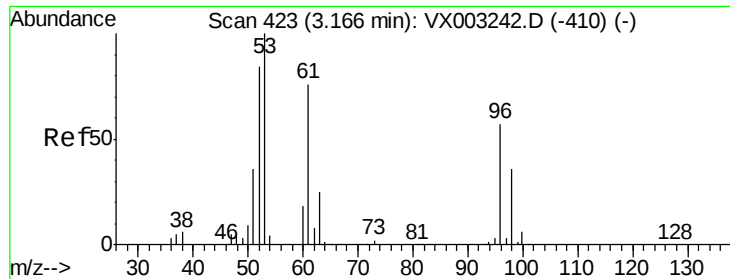
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#20
Methylene Chloride
Concen: 29.483 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 84 Resp: 77075
Ion Ratio Lower Upper
84 100
49 123.1 107.8 161.6
51 40.2 32.8 49.2
86 62.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 25.506 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

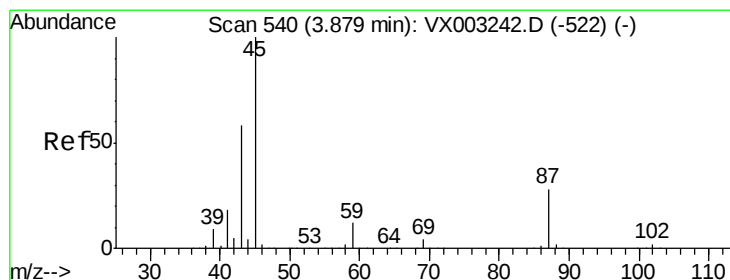
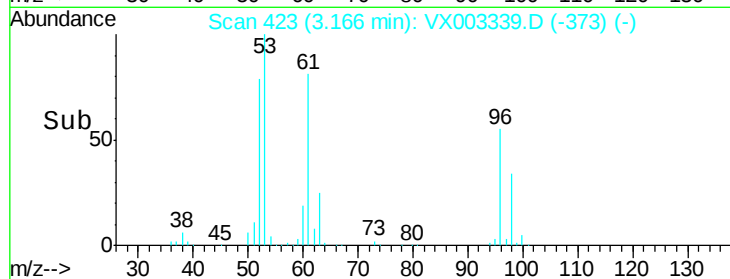
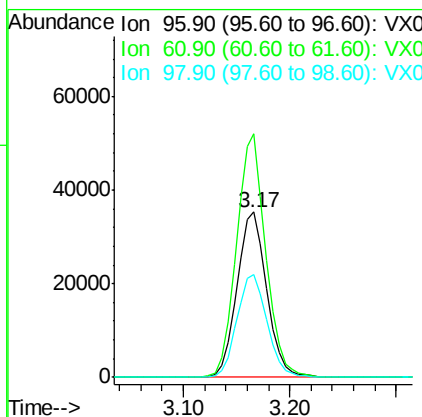
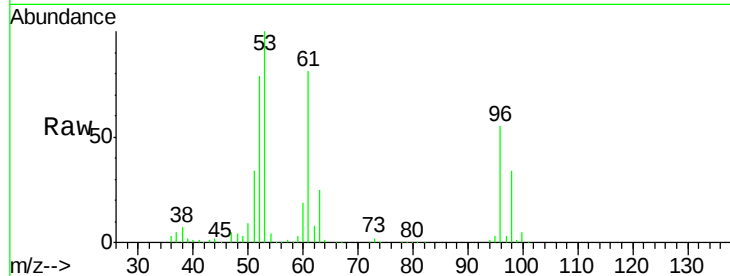
ClientSampleId :

VX0711WBS02

Tot Ion:	96	Resp:	69084
Ion	Ratio	Lower	Upper
96	100		
61	147.6	117.0	175.4
98	62.0	52.4	78.6

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#22

Diisopropyl ether

Concen: 21.886 ug/l

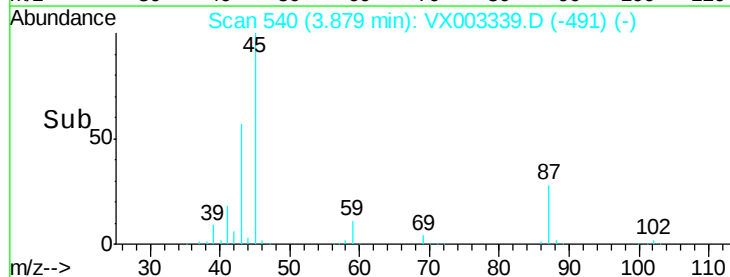
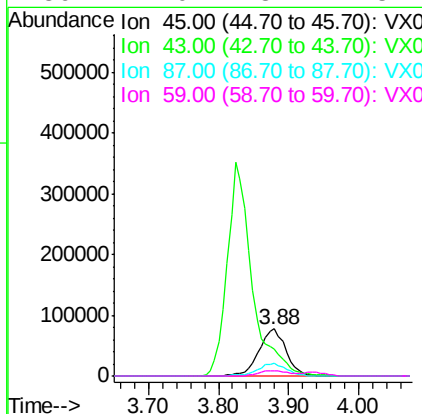
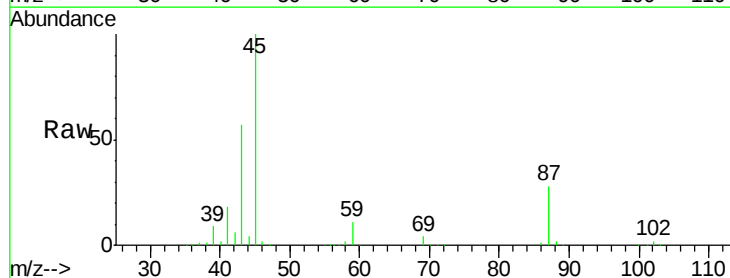
RT: 3.88 min Scan# 540

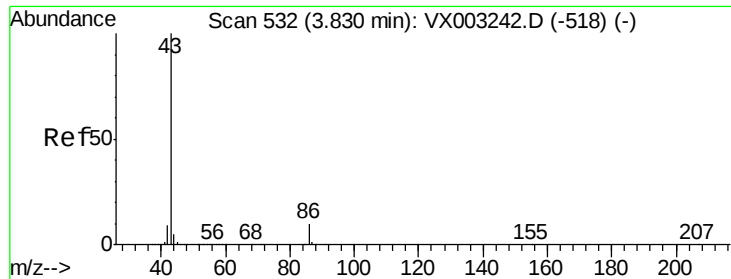
Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion:	45	Resp:	209559
Ion	Ratio	Lower	Upper
45	100		
43	56.8	46.8	70.2
87	27.7	20.2	30.4
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 107.115 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion: 43 Resp: 870748

Ion Ratio Lower Upper

43 100

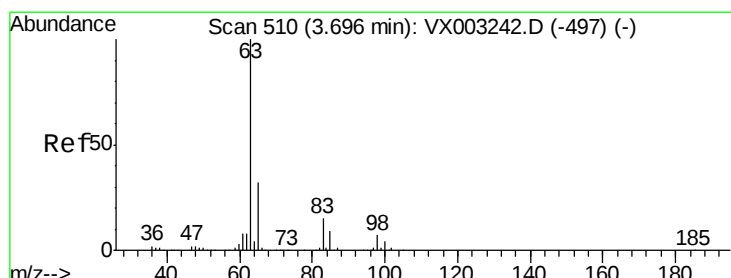
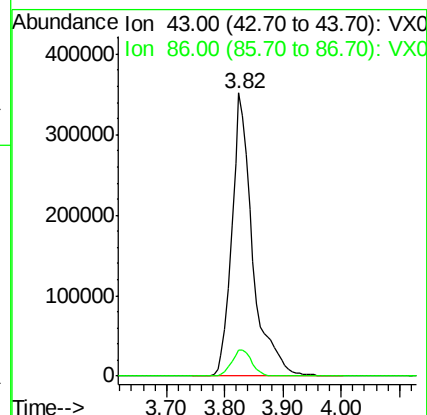
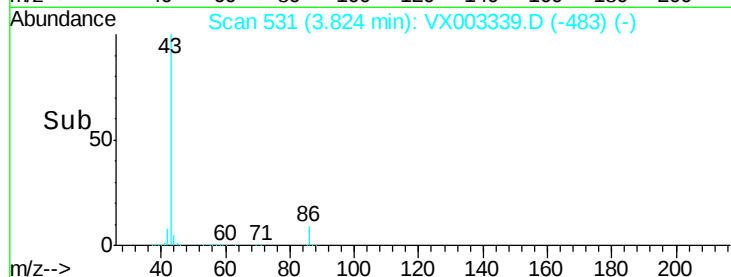
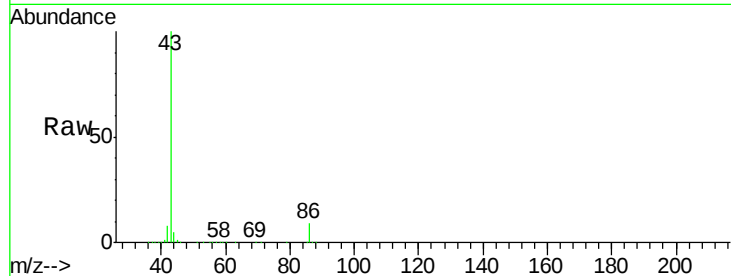
86 9.3 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 27.066 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

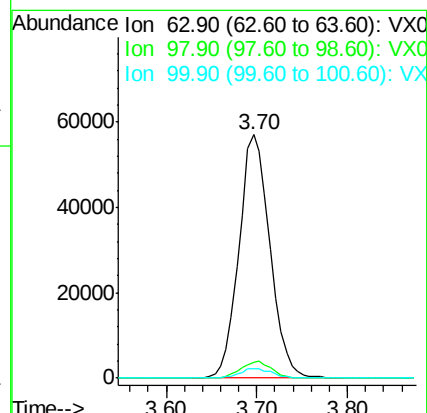
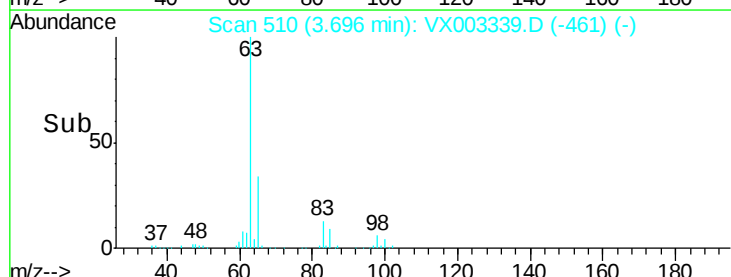
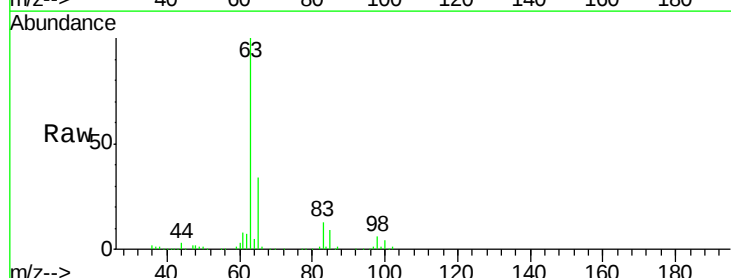
Tgt Ion: 63 Resp: 134881

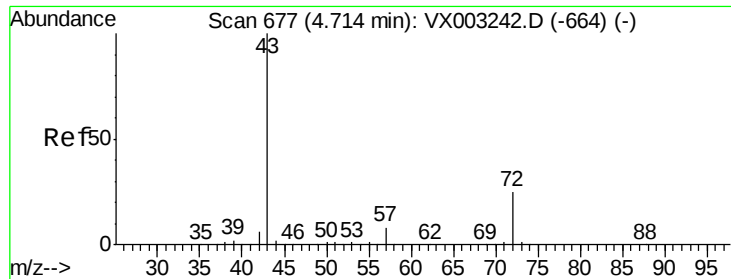
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 111.107 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion: 43 Resp: 248369

Ion Ratio Lower Upper

43 100

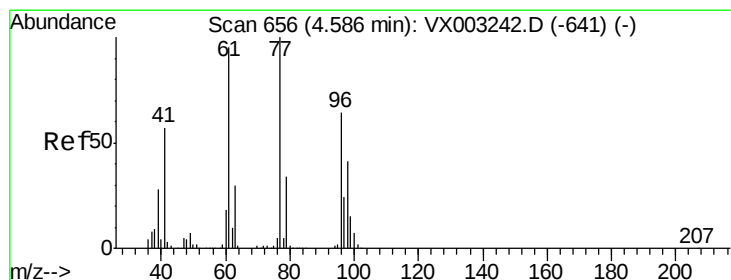
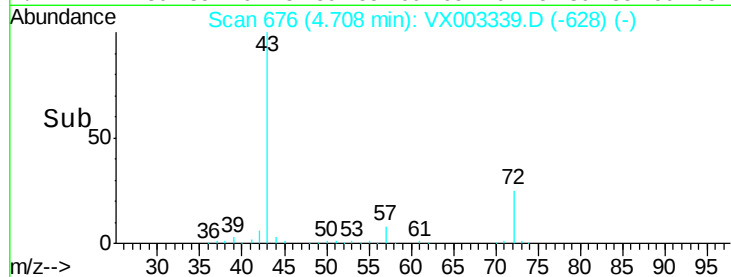
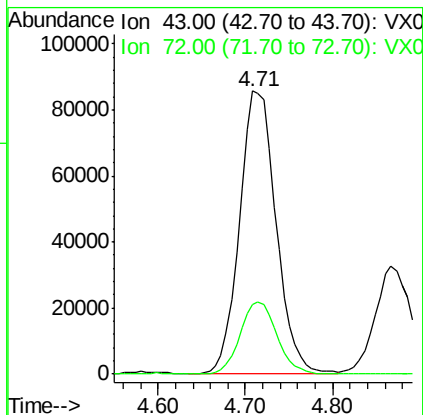
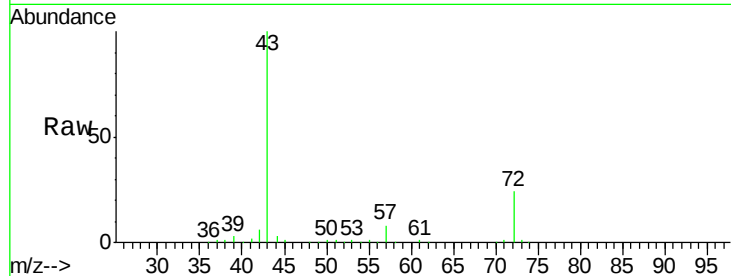
72 24.5 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.587 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003339.D

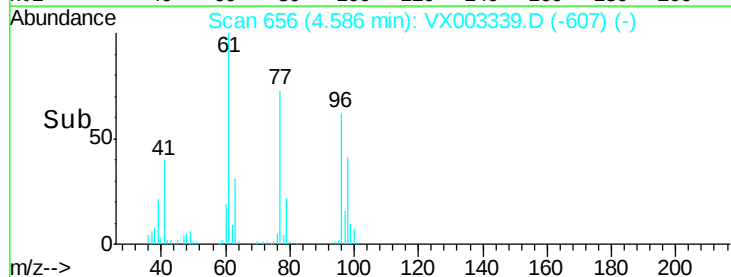
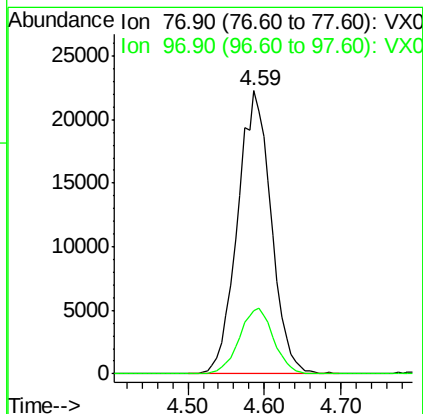
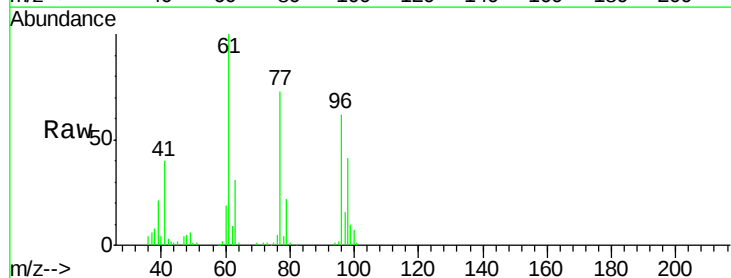
Acq: 11 Jul 2018 23:56

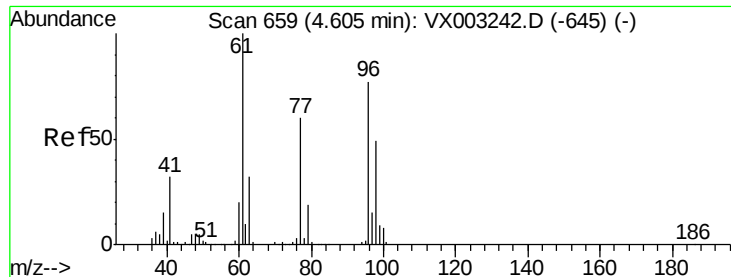
Tgt Ion: 77 Resp: 67941

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.5





#27

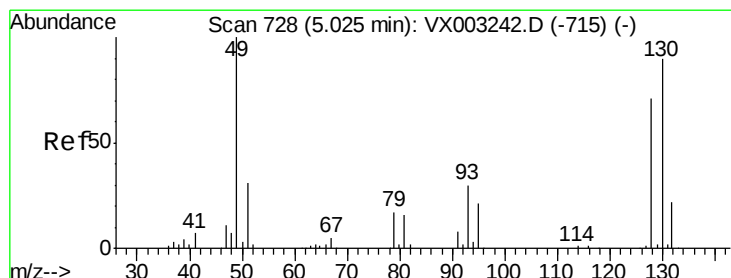
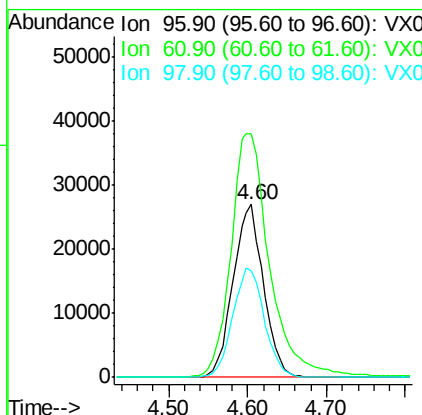
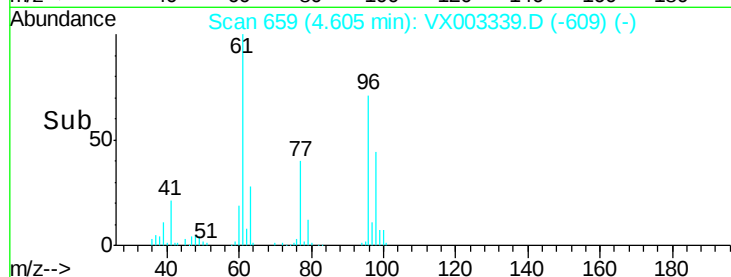
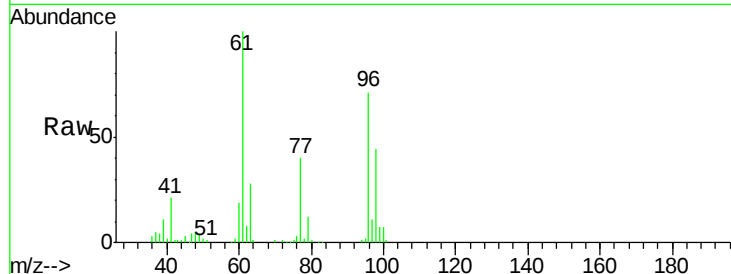
cis-1,2-Dichloroethene
Concen: 21.720 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	179.5	0.0	330.2
98	65.8	0.0	130.2

Manual Integrations
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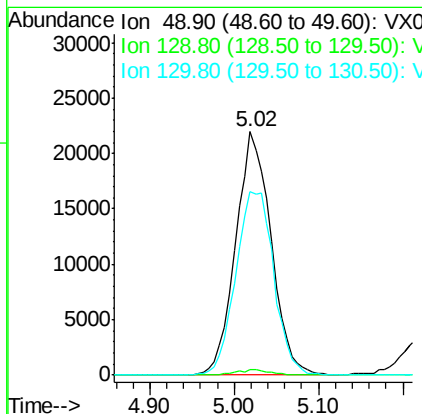
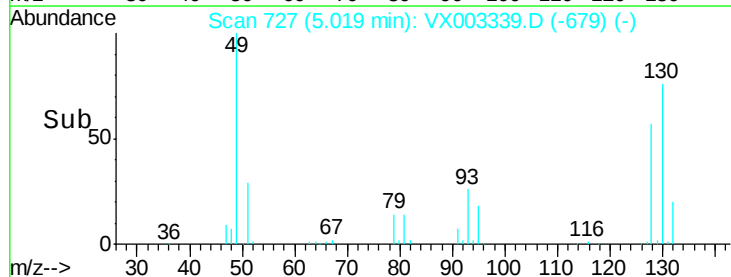
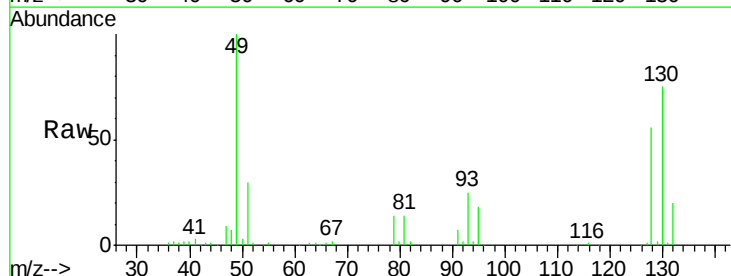
MMDadoda
7/12/2018 10:59:28 AM

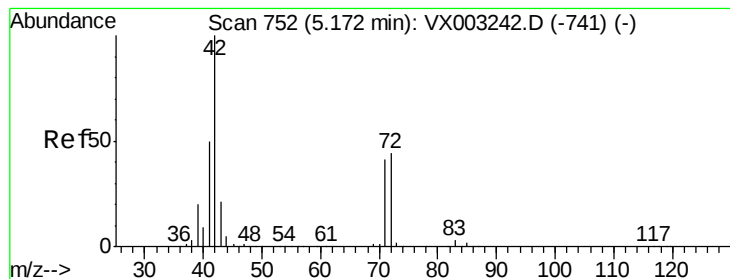


#28

Bromochloromethane
Concen: 24.833 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	81.2	61.2	91.8





#29

Tetrahydrofuran

Concen: 108.018 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

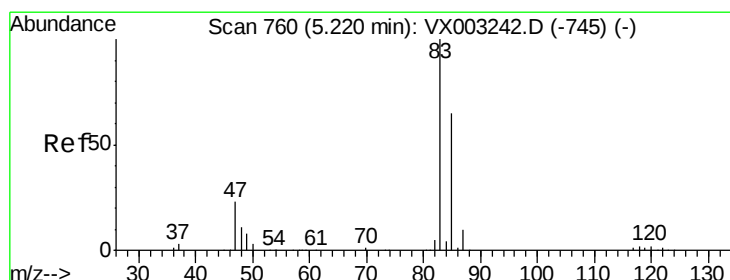
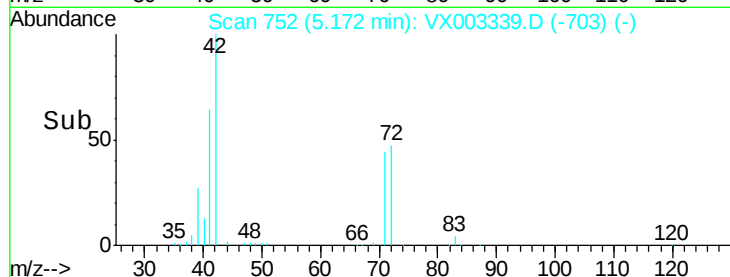
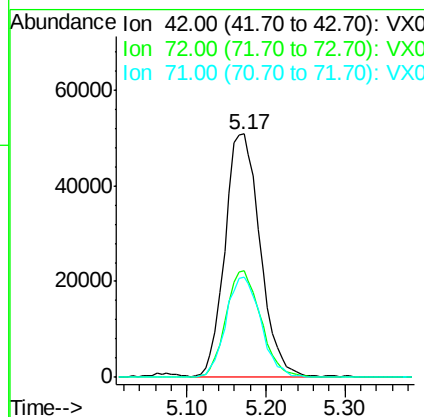
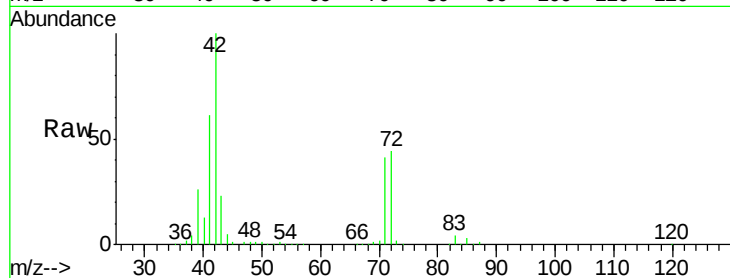
ClientSampleId :

VX0711WBS02

Tot Ion:	42	Resp:	156723
Ion	Ratio	Lower	Upper
42	100		
72	43.8	32.0	48.0
71	41.3	30.1	45.1

Manual Integrations
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#30

Chloroform

Concen: 21.943 ug/l

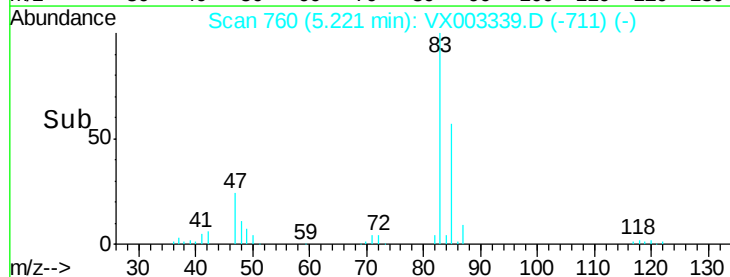
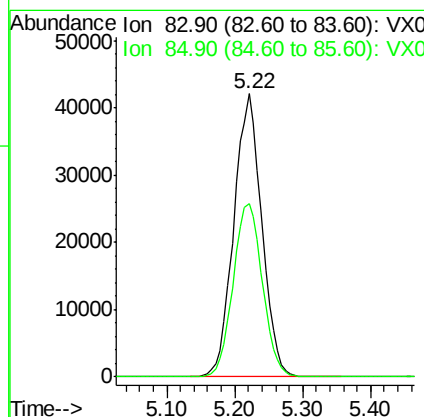
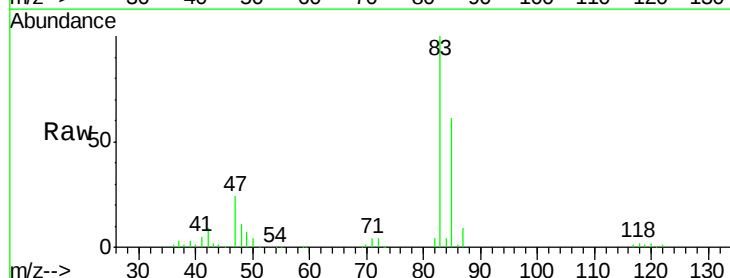
RT: 5.22 min Scan# 760

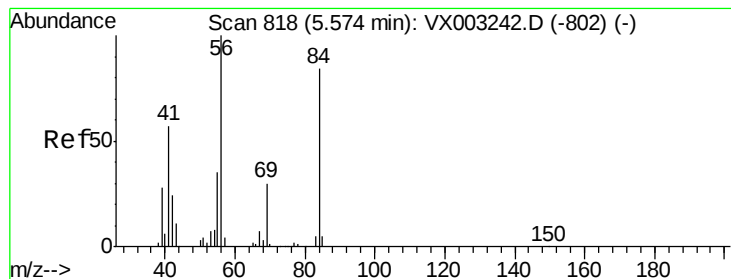
Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion:	83	Resp:	120291
Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.4	75.6





#31

Cyclohexane

Concen: 20.806 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

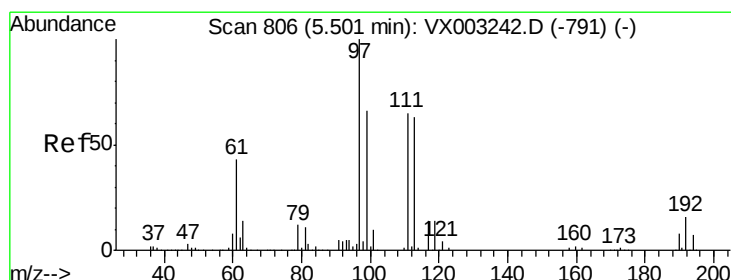
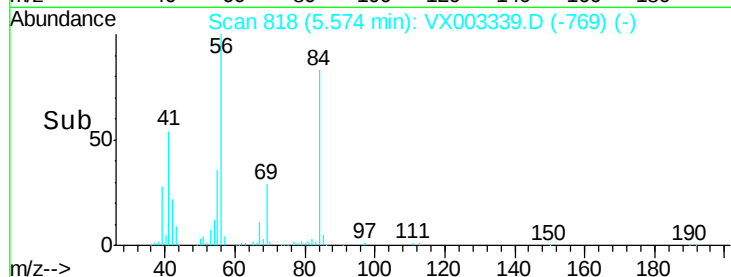
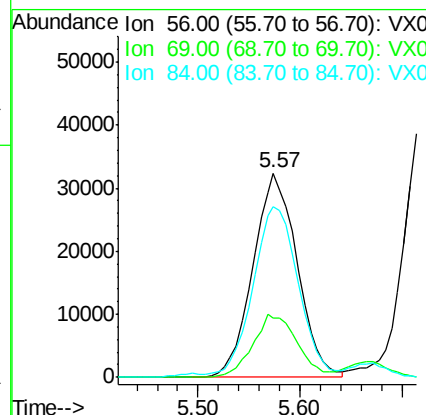
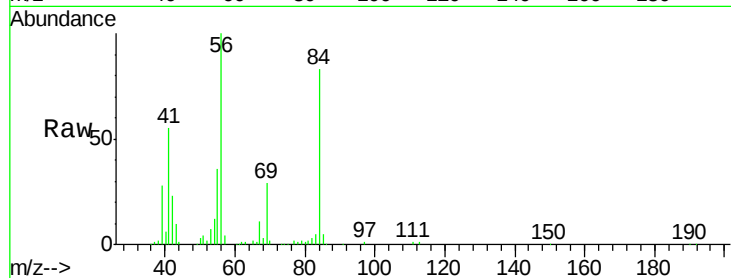
ClientSampleId :

VX0711WBS02

Tot Ion:	56	Resp:	97094
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.7	35.5
84	81.4	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.180 ug/l

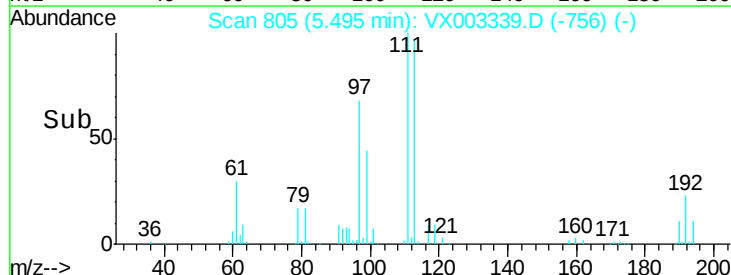
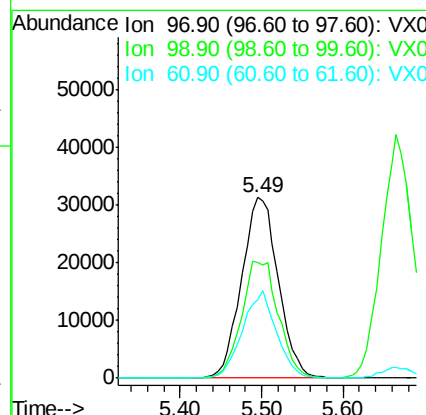
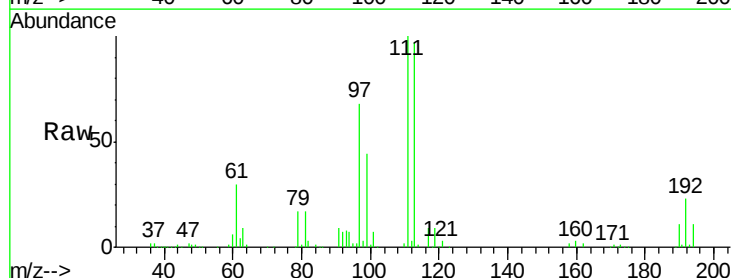
RT: 5.49 min Scan# 805

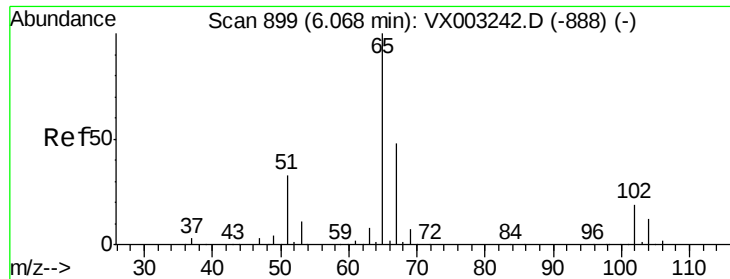
Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion:	97	Resp:	97590
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	44.9	36.4	54.6





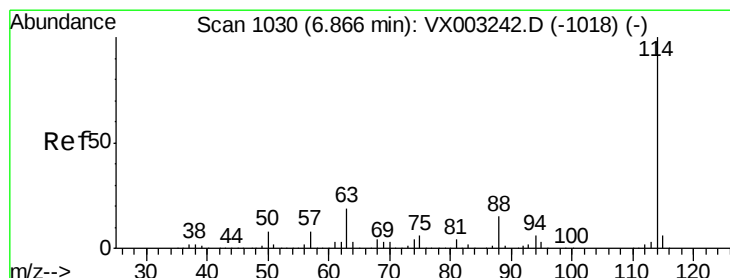
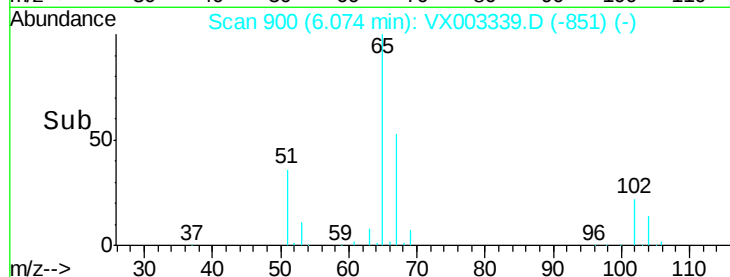
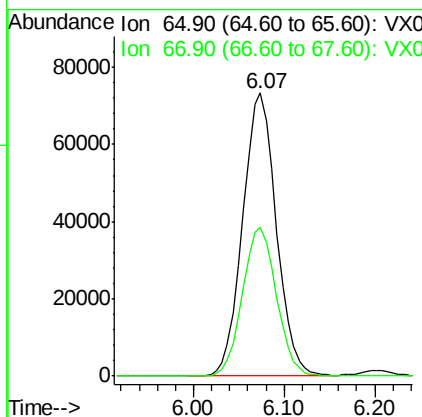
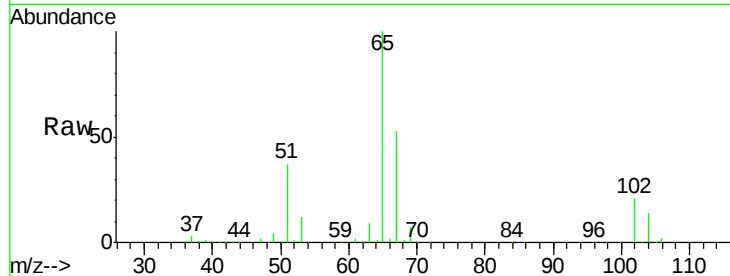
#33
 1,2-Dichloroethane-d4
 Concen: 52.982 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188531		
67	53.2	0.0	102.6	

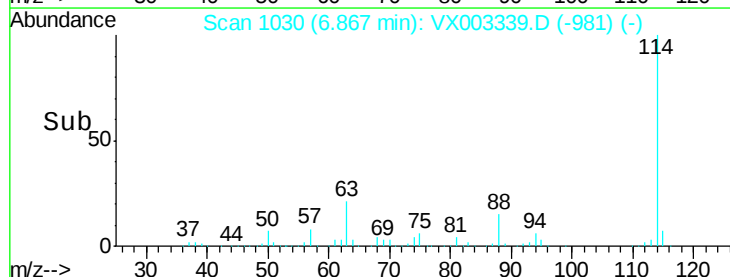
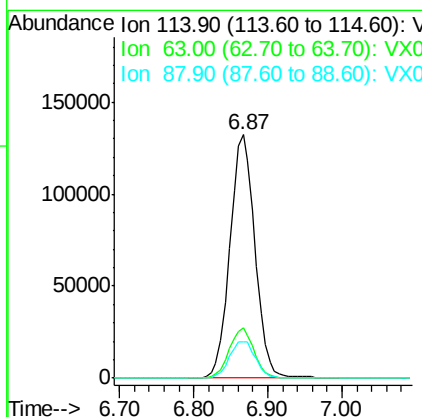
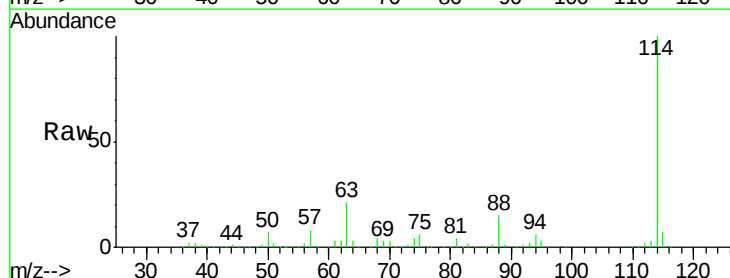
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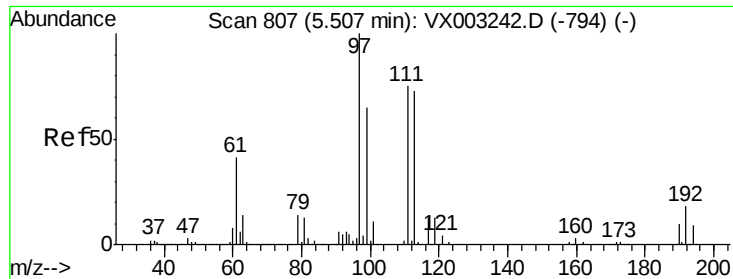
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 7/12/2018 10:59:28 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	311923		
63	20.8	0.0	41.4	
88	15.0	0.0	30.0	





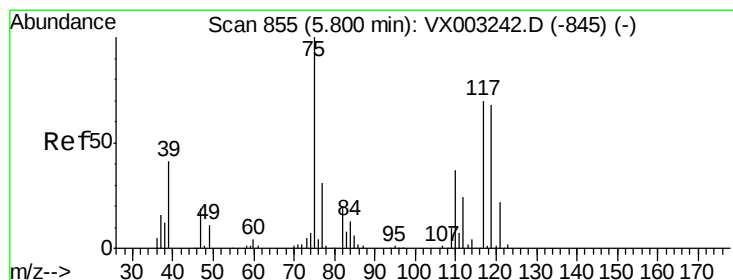
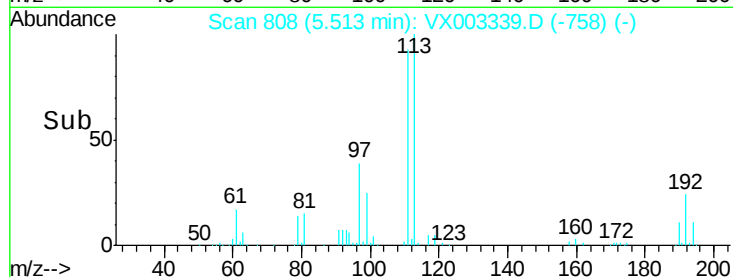
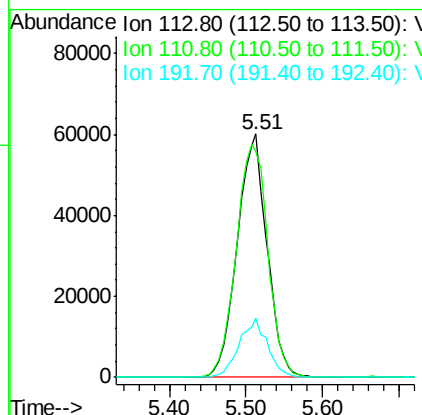
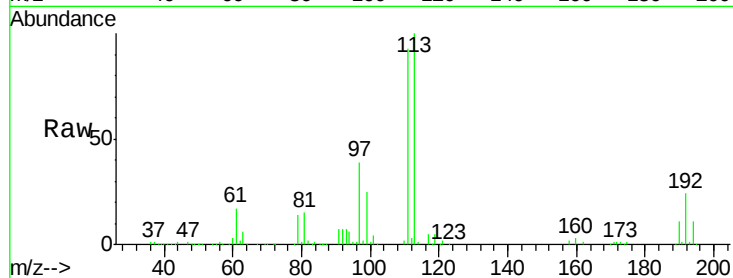
#35
 Dibromofluoromethane
 Concen: 48.485 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	162479		
111	101.6	81.4	122.0	
192	23.1	19.1	28.7	

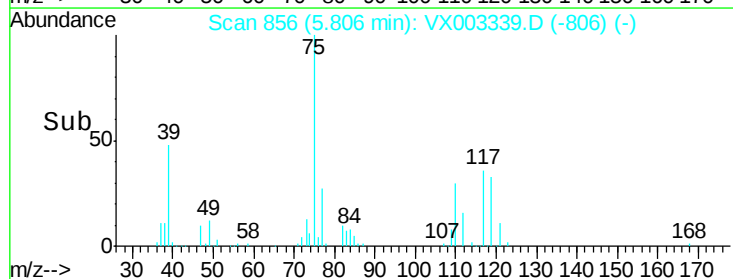
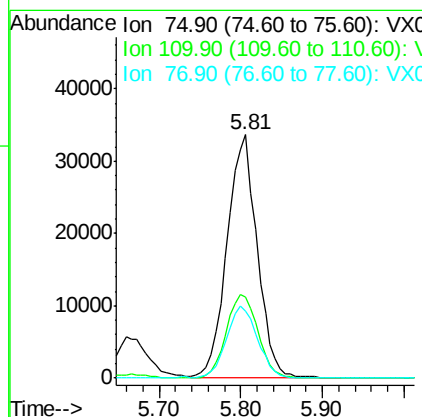
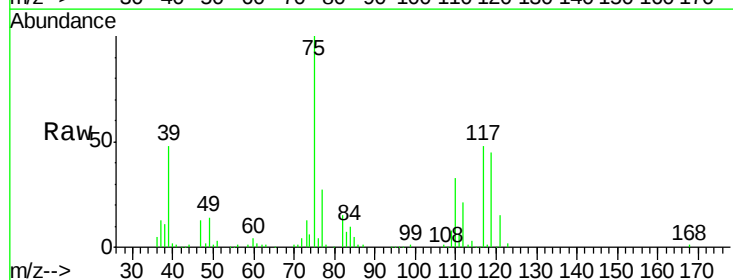
Manual Integrations
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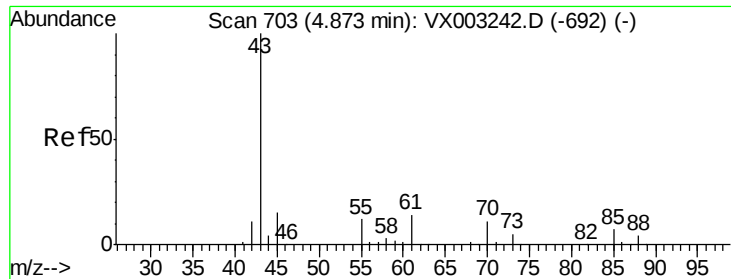
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#36
 1,1-Dichloropropene
 Concen: 19.305 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85244		
110	36.3	18.1	54.4	
77	30.8	24.3	36.5	





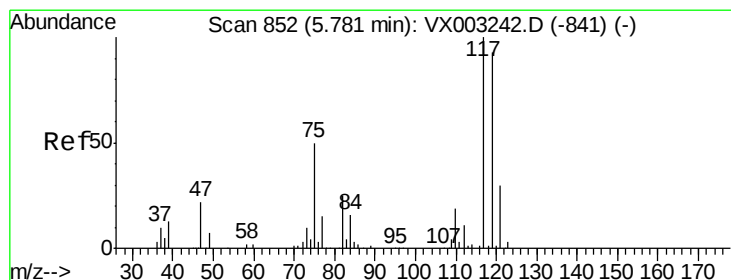
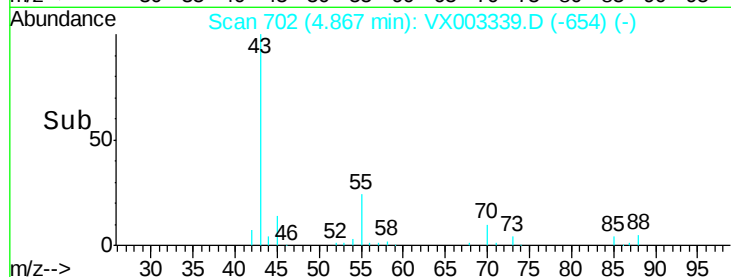
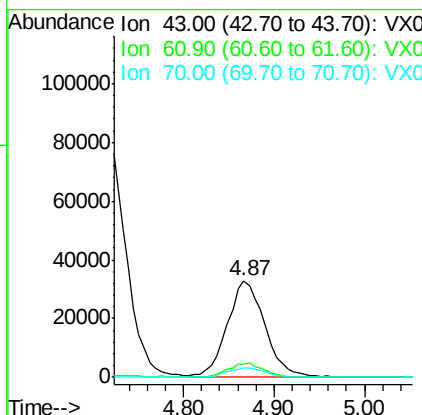
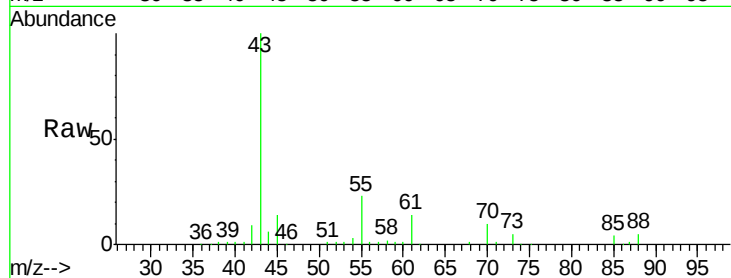
#37
Ethyl Acetate
Concen: 19.225 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.4	15.6
70	10.3	7.6	11.4

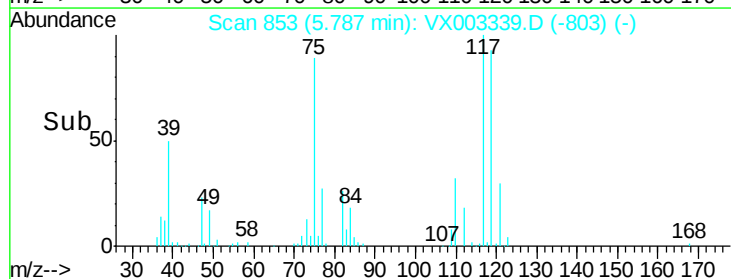
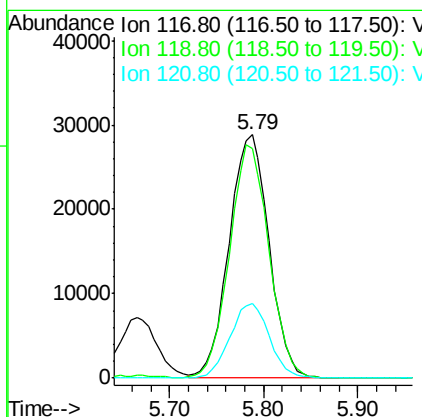
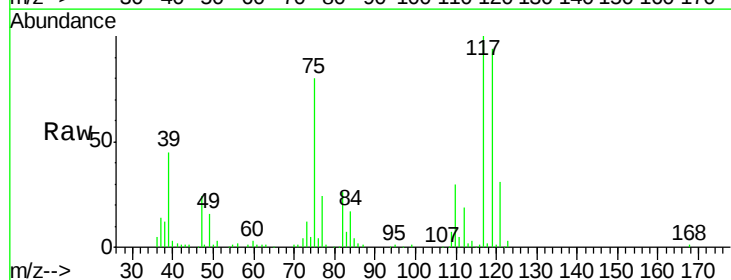
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 17.635 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
121	30.5	24.4	36.6





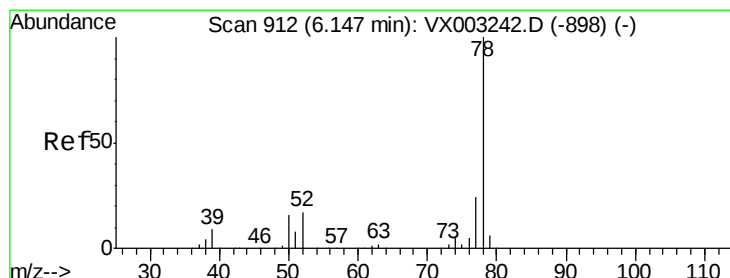
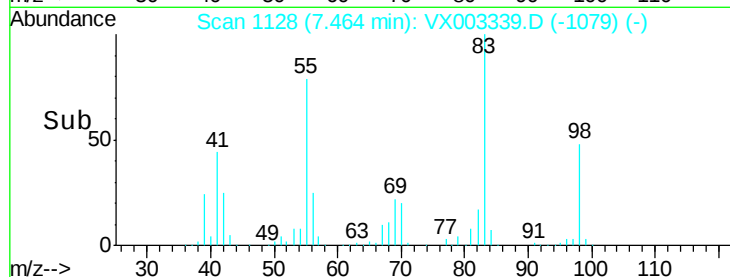
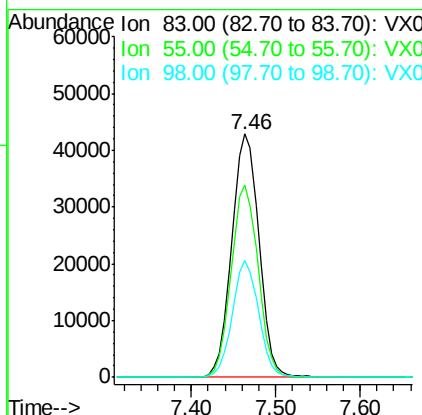
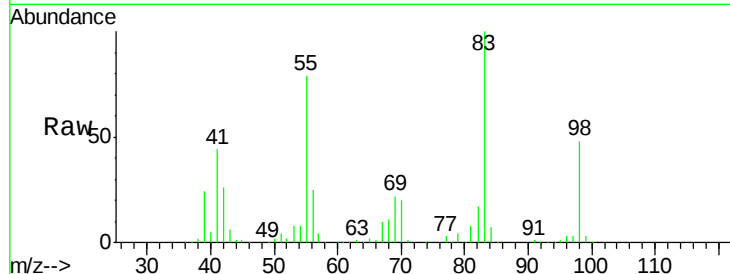
#39
Methvlcvclohexane
Concen: 18.008 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	65.4	98.0
98	48.0	37.4	56.0

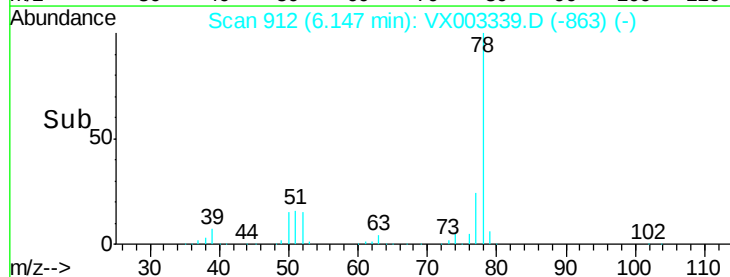
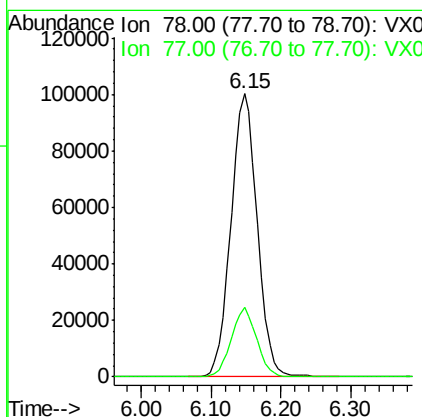
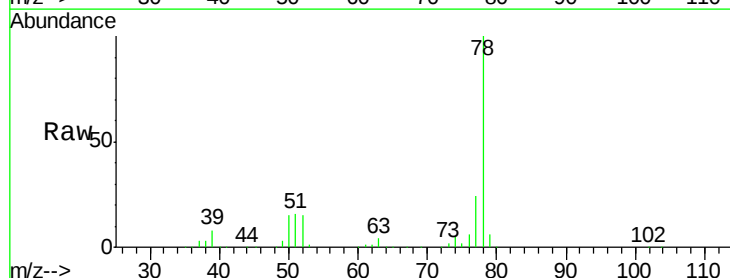
Manual Integrations
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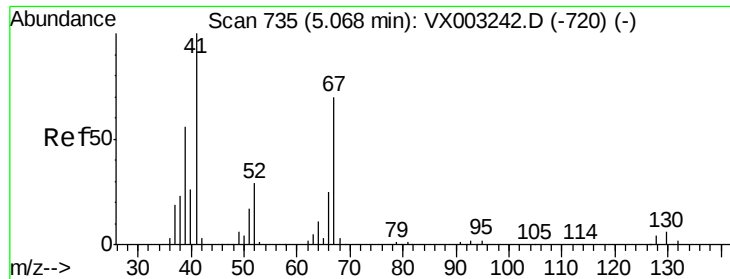
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#40
Benzene
Concen: 20.022 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





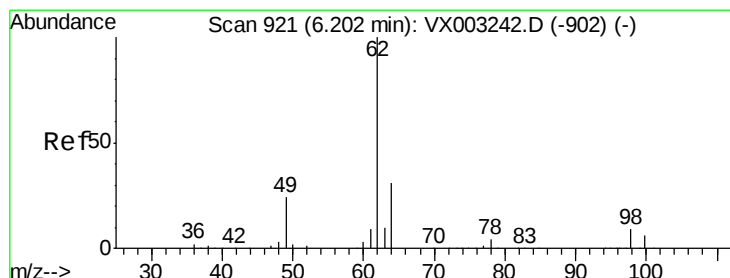
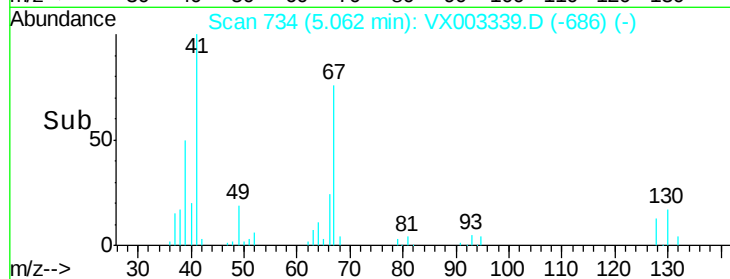
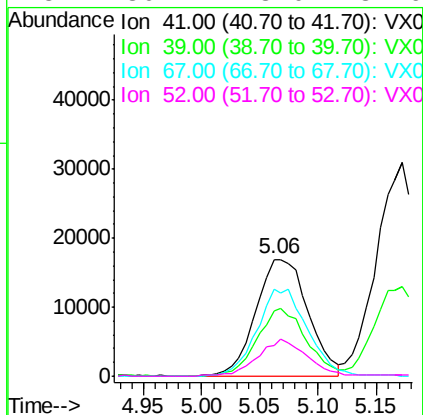
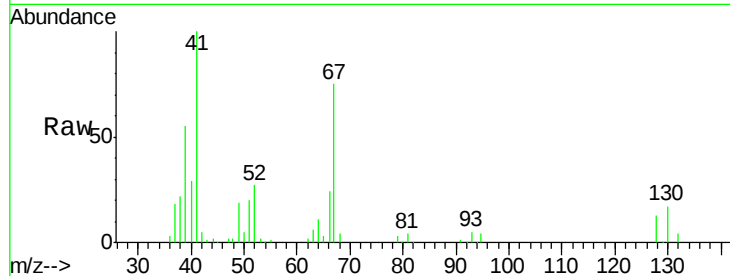
#41
Methacrylonitrile
Concen: 19.835 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.8	68.6
67	72.6	51.3	76.9
52	30.1	23.0	34.6

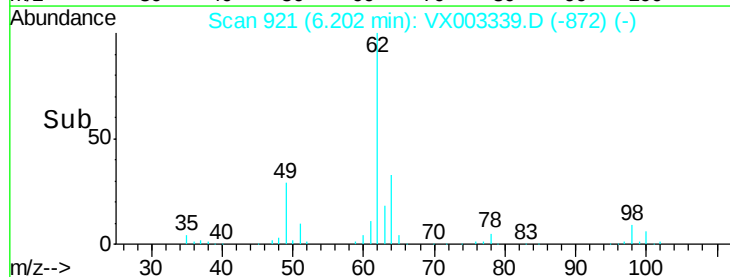
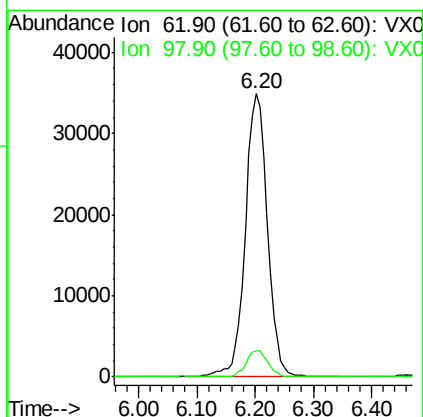
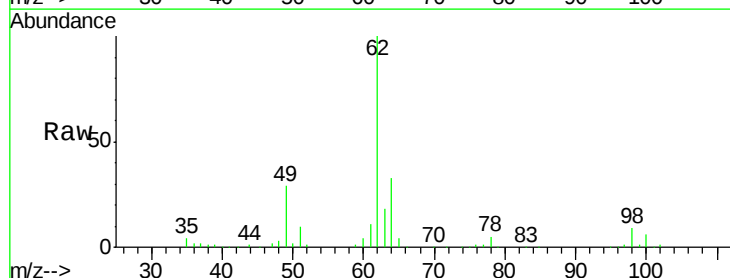
Manual Integrations
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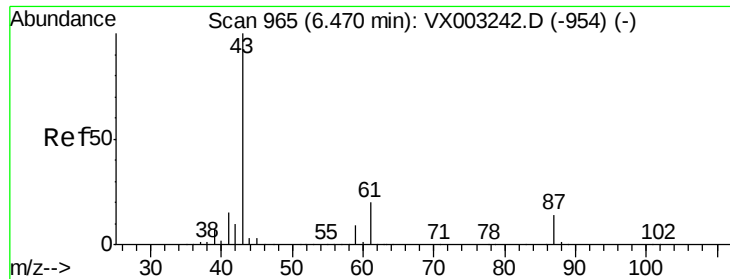
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.746 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6





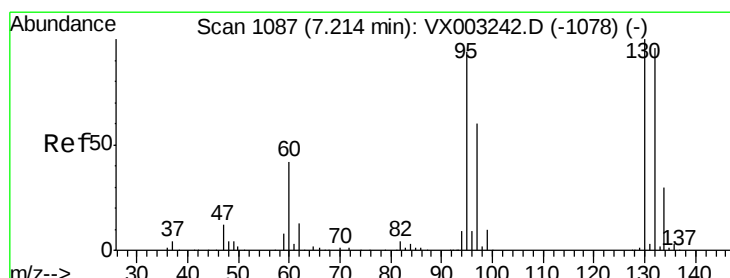
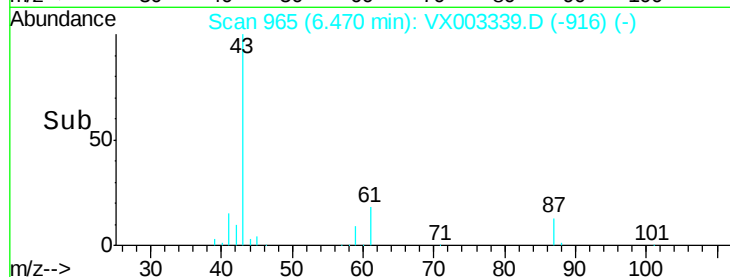
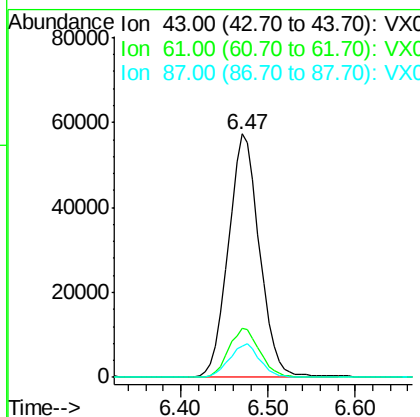
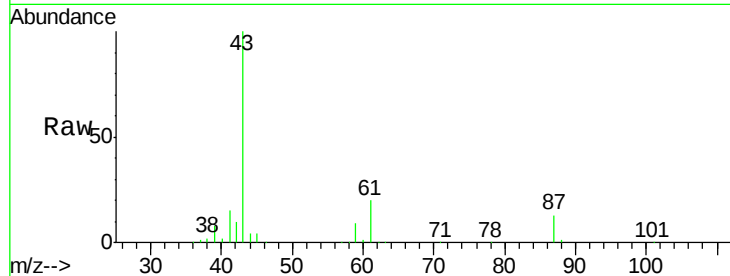
#43
Isopropyl Acetate
Concen: 18.624 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	14.4	21.6
87	13.4	9.5	14.3

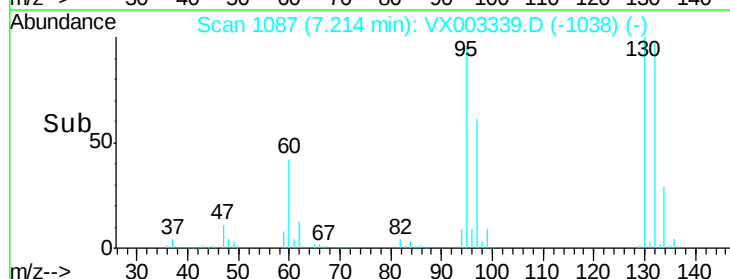
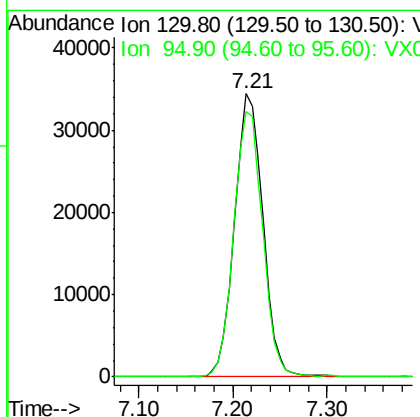
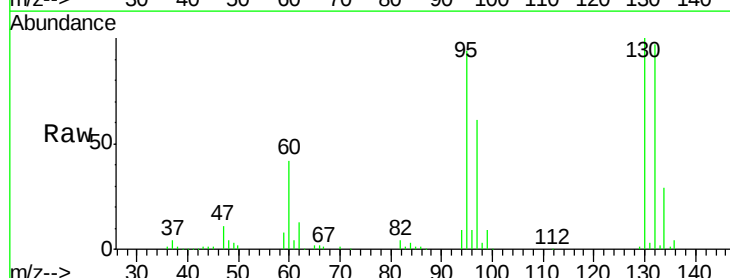
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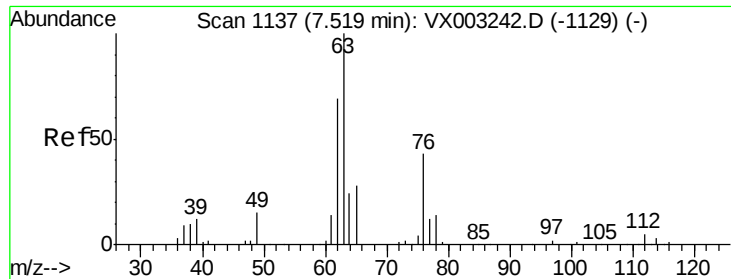
MMDadoda
7/12/2018 10:59:28 AM



#44
Trichloroethene
Concen: 18.722 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.933 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS02

Tot Ion: 63 Resp: 67813

Ion Ratio Lower Upper

63 100

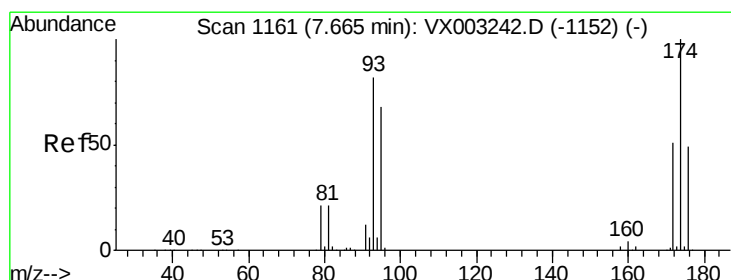
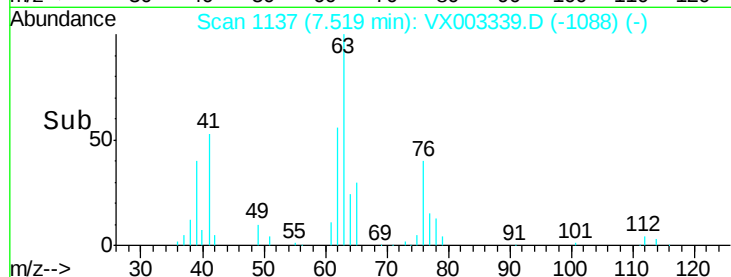
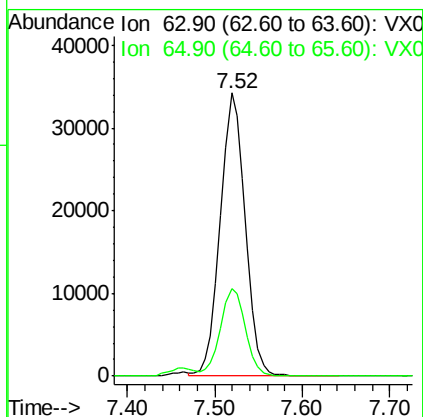
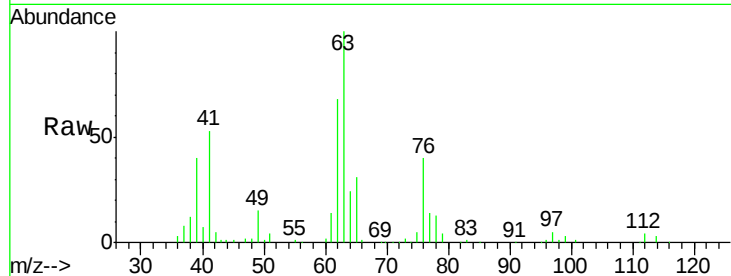
65 30.7 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 18.940 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

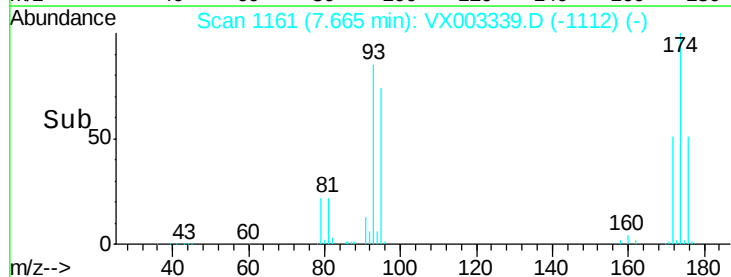
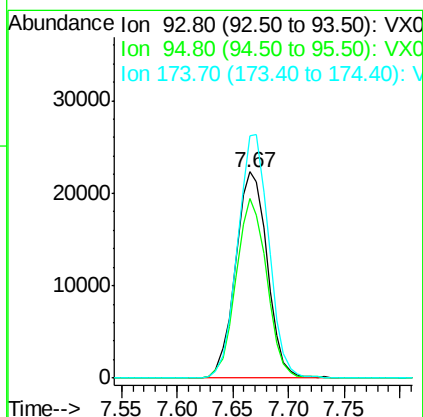
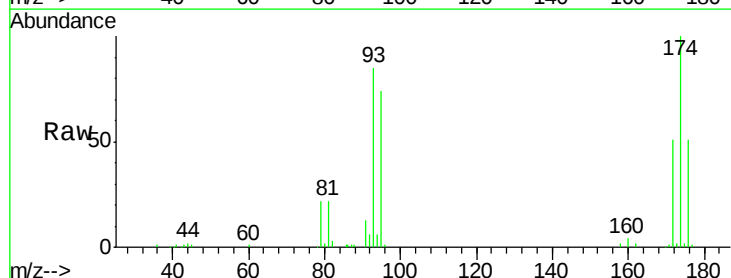
Tgt Ion: 93 Resp: 43919

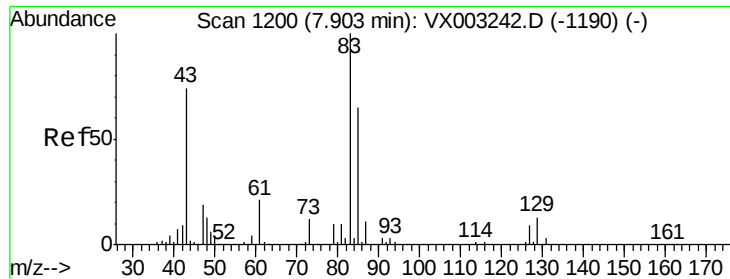
Ion Ratio Lower Upper

93 100

95 84.8 65.9 98.9

174 116.7 92.4 138.6





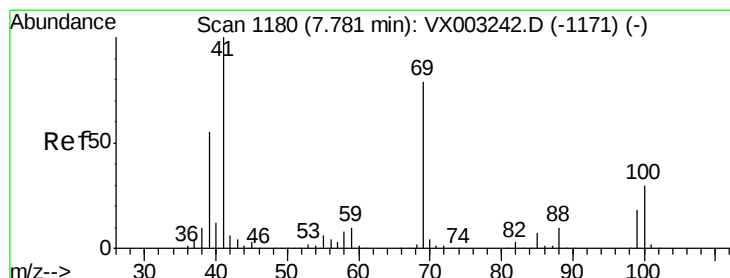
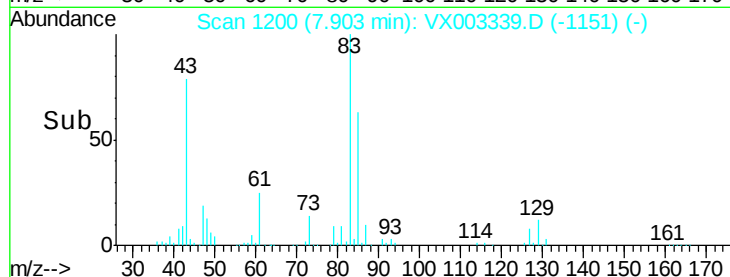
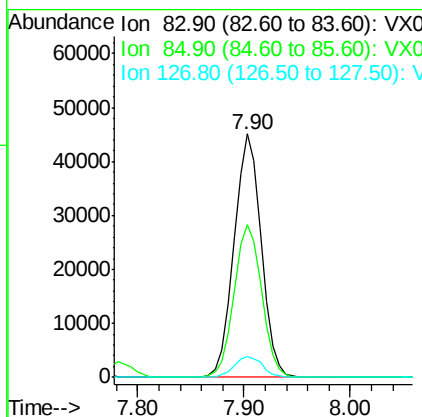
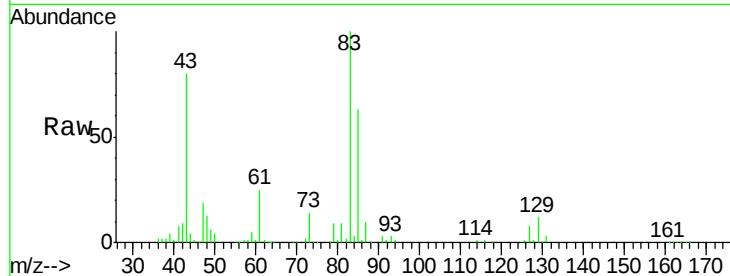
#47
Bromodichloromethane
Concen: 18.926 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	83	Resp	80977
Ion Ratio	100	Lower	Upper
83	100		
85	62.8	50.3	75.5
127	8.4	7.0	10.4

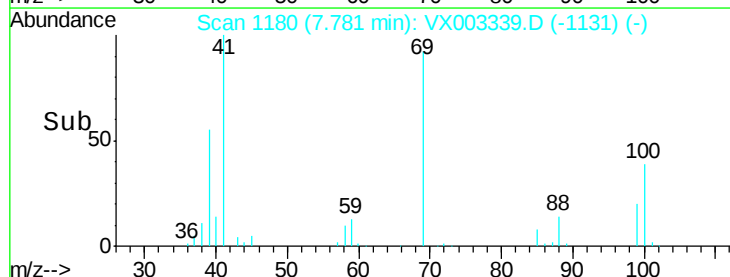
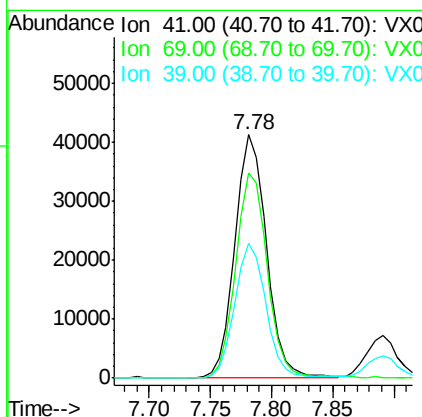
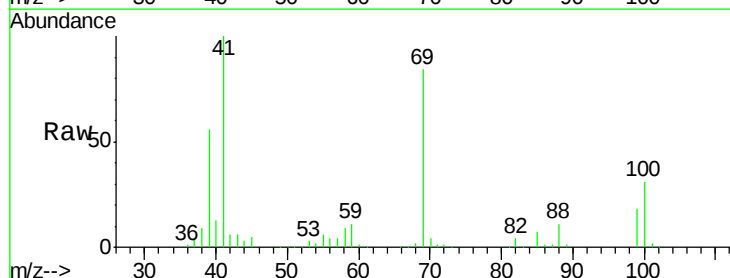
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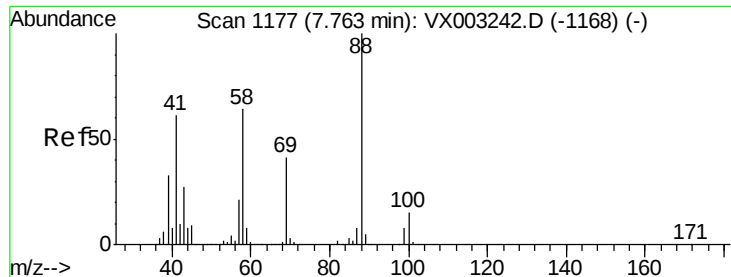
MMDadoda
7/12/2018 10:59:28 AM



#48
Methyl methacrylate
Concen: 18.841 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	41	Resp	73456
Ion Ratio	100	Lower	Upper
41	100		
69	85.6	59.1	88.7
39	54.8	48.9	73.3





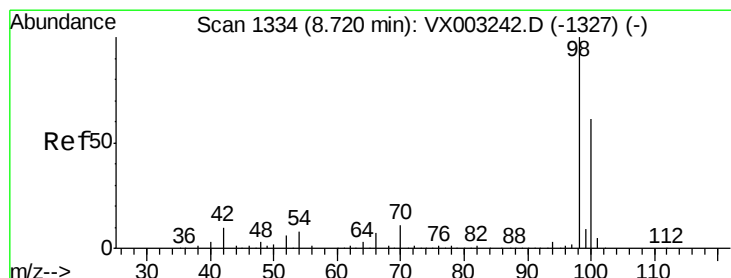
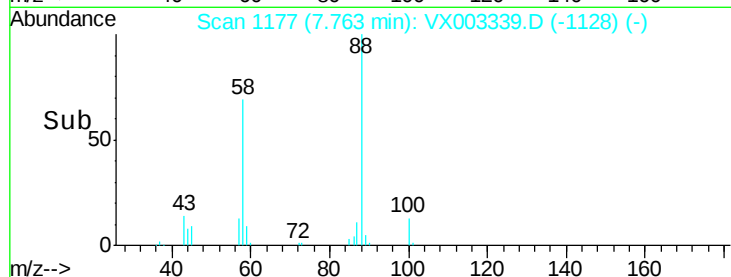
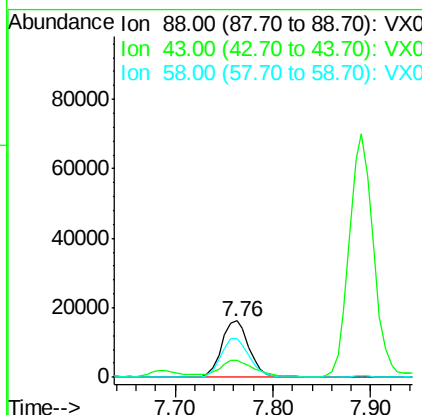
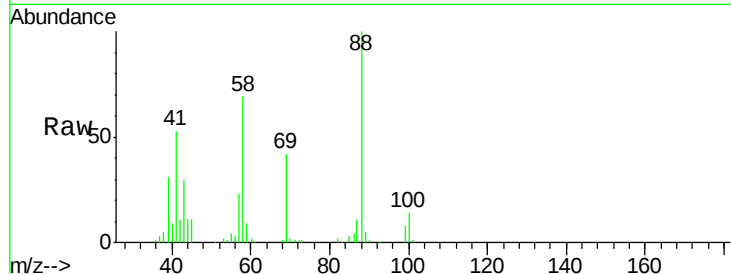
#49
1,4-Dioxane
Concen: 387.444 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	29.8	44.6
58	72.3	57.1	85.7

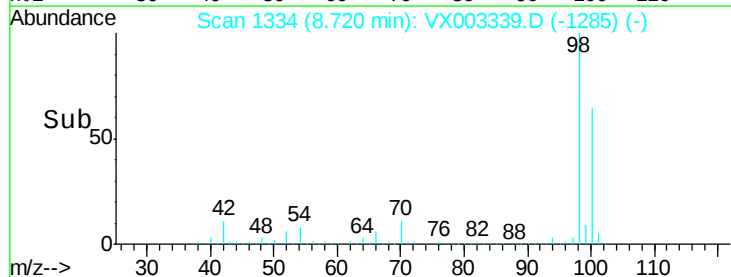
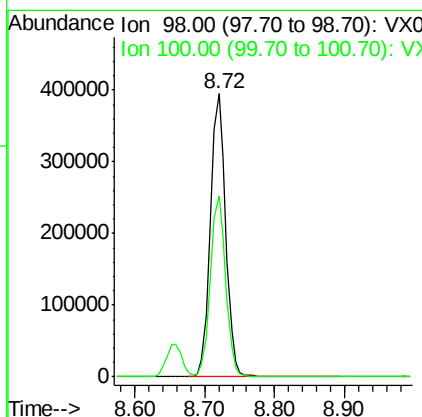
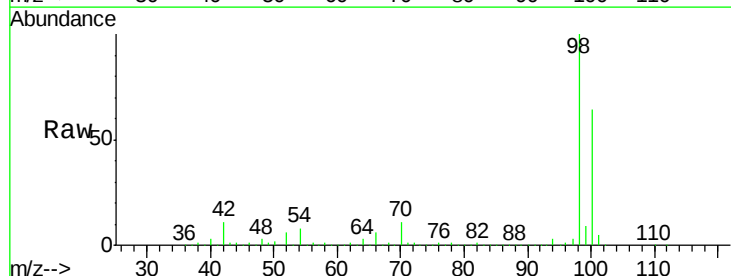
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#50
Toluene-d8
Concen: 50.502 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3





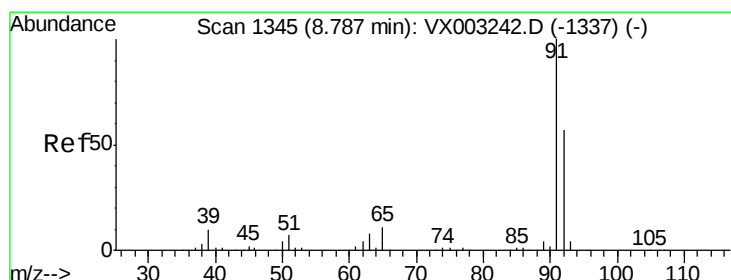
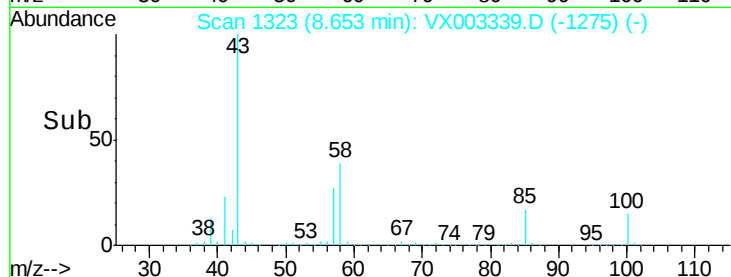
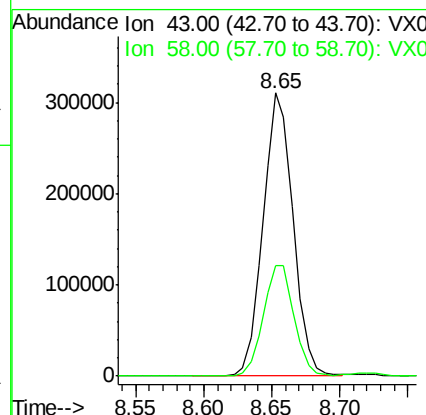
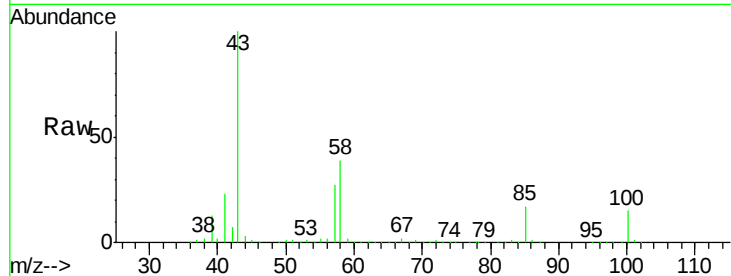
#51
4-Methyl-2-Pentanone
Concen: 101.844 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 43 Resp: 481970
Ion Ratio Lower Upper
43 100
58 39.9 28.6 42.8

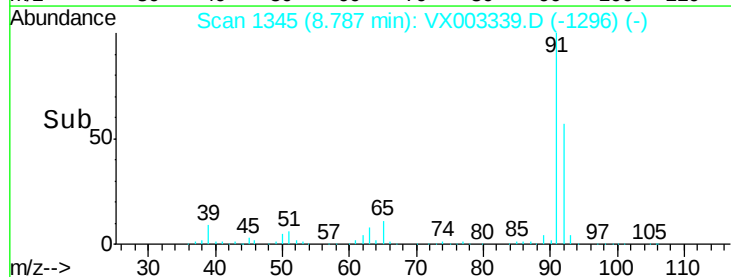
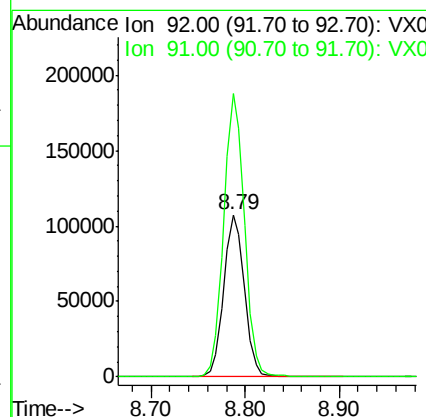
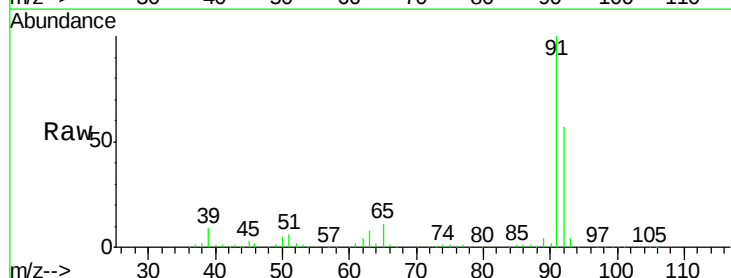
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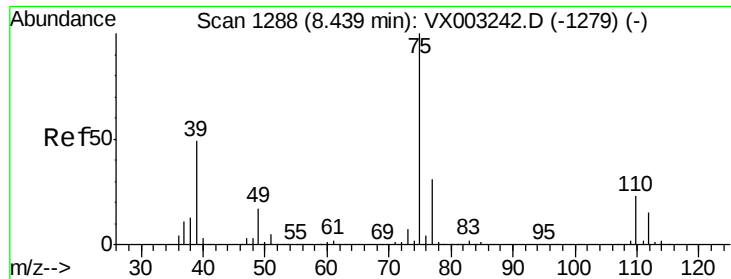
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#52
Toluene
Concen: 19.764 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 92 Resp: 163484
Ion Ratio Lower Upper
92 100
91 175.3 140.4 210.6





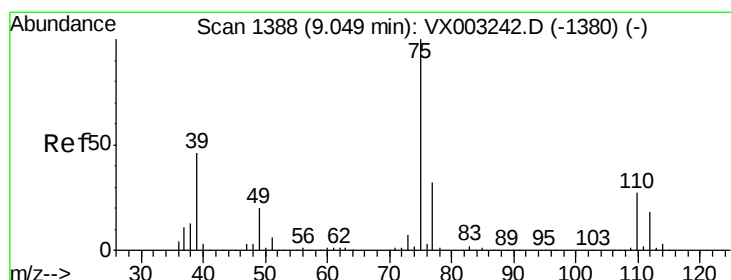
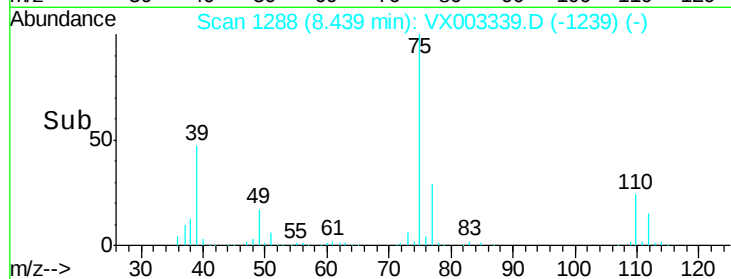
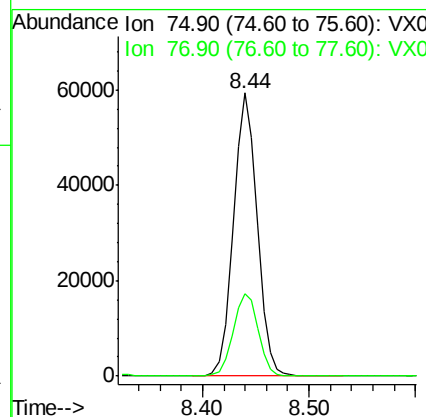
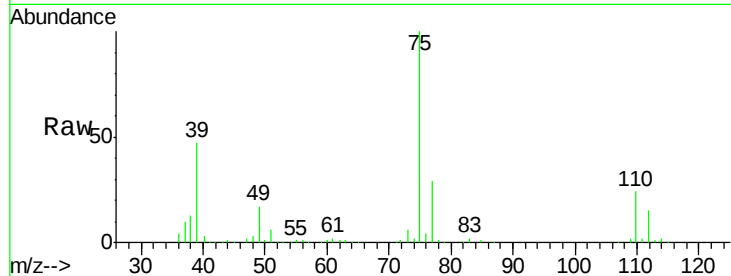
#53
t-1,3-Dichloropropene
Concen: 18.466 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 75 Resp: 92966
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.2

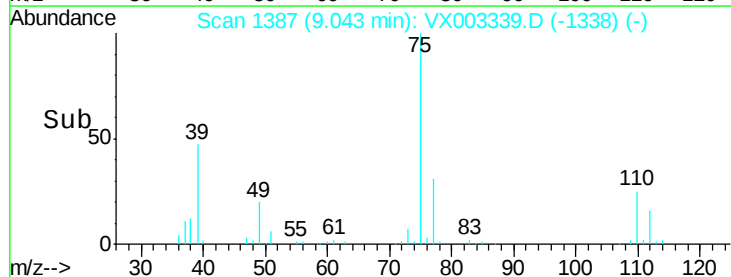
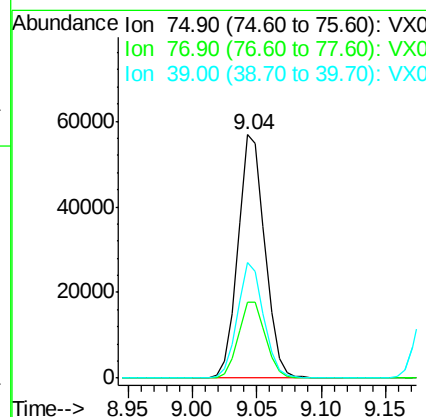
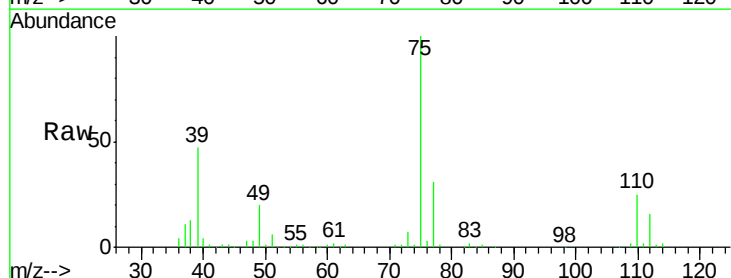
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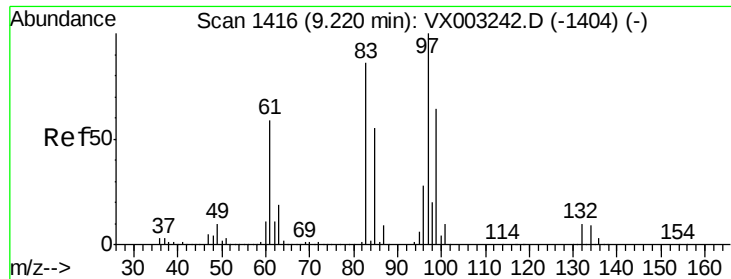
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.024 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 75 Resp: 82587
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2
39 47.3 42.4 63.6





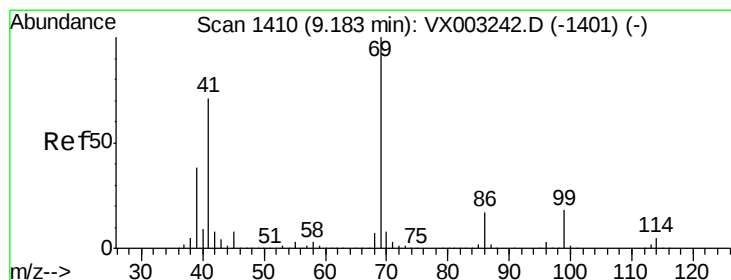
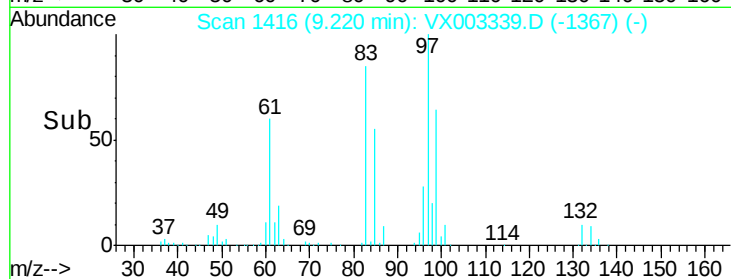
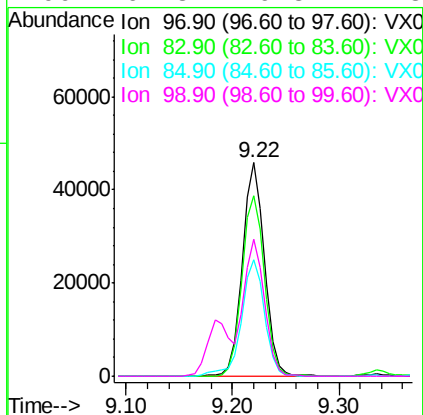
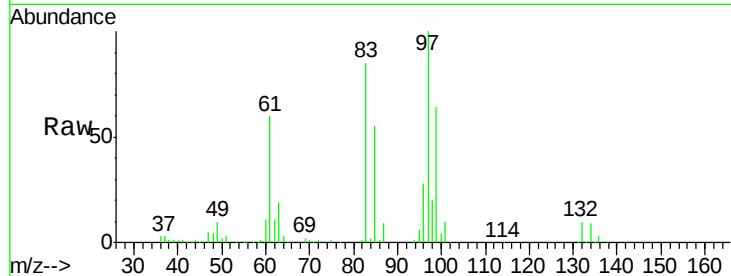
#55
 1,1,2-Trichloroethane
 Concen: 19.475 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	54.7	44.9	67.3
99	64.3	49.8	74.8

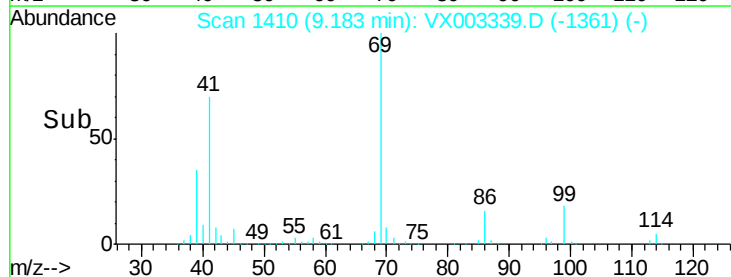
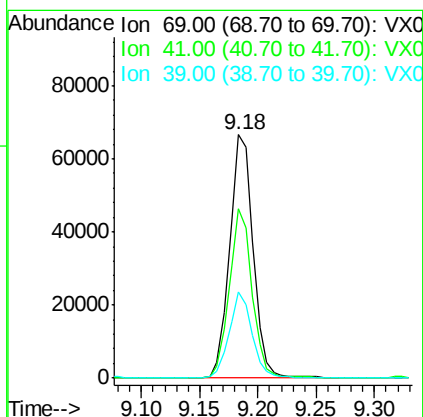
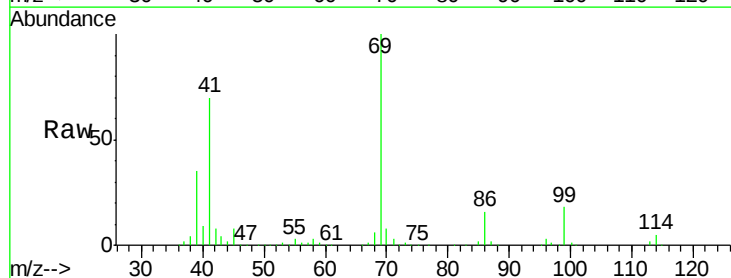
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#56
 Ethyl methacrylate
 Concen: 19.960 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.1	60.3	90.5
39	34.2	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 20.174 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS02

Tot Ion: 76 Resp: 111510

Ion Ratio Lower Upper

76 100

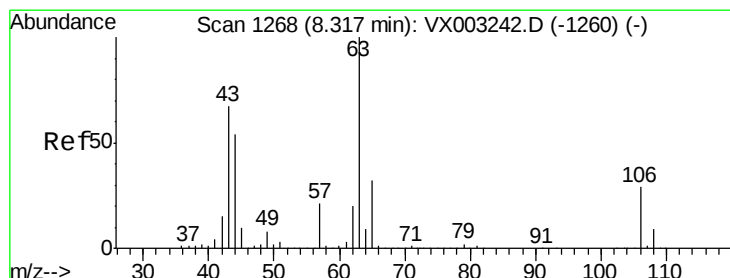
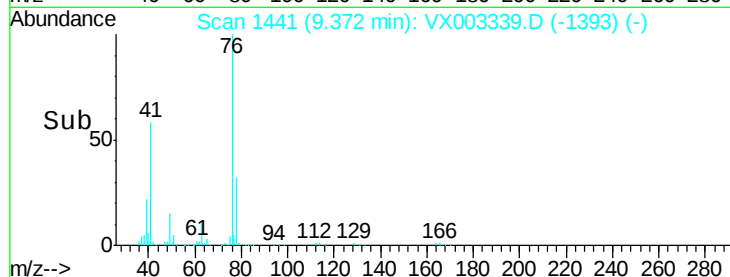
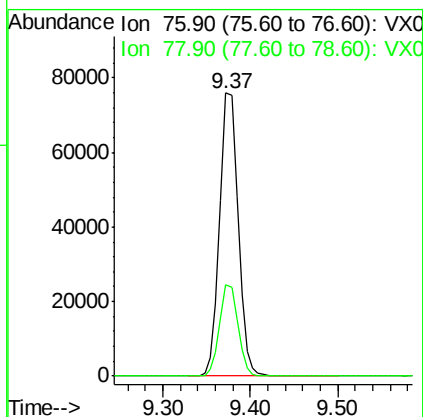
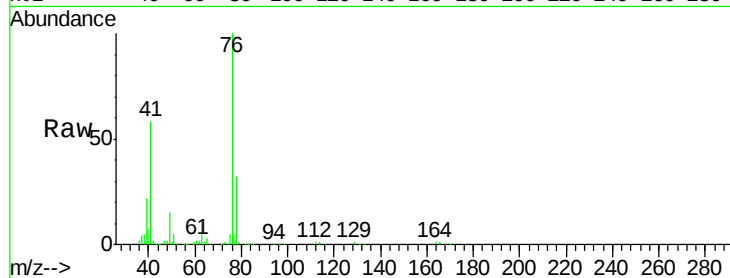
78 32.1 25.8 38.6

Manual Integrations

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7/12/2018 10:59:28 AM



#58

2-Chloroethyl Vinyl ether

Concen: 114.193 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003339.D

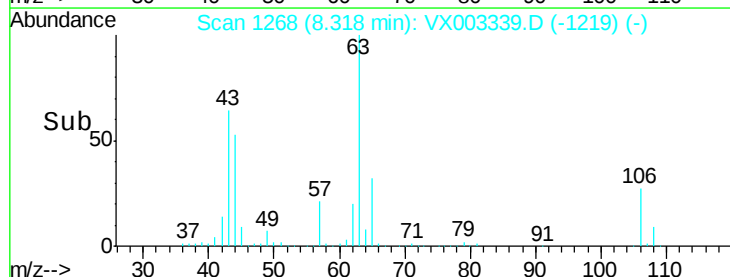
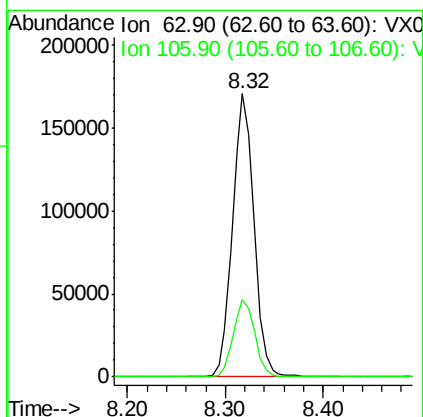
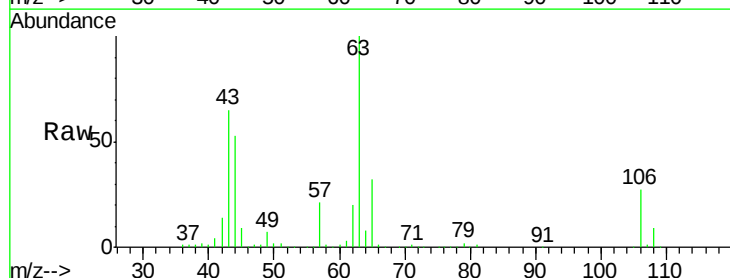
Acq: 11 Jul 2018 23:56

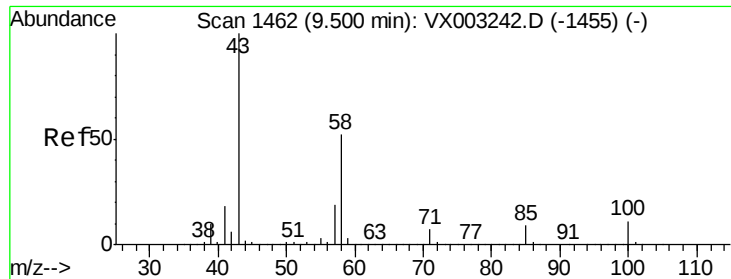
Tgt Ion: 63 Resp: 258907

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.8





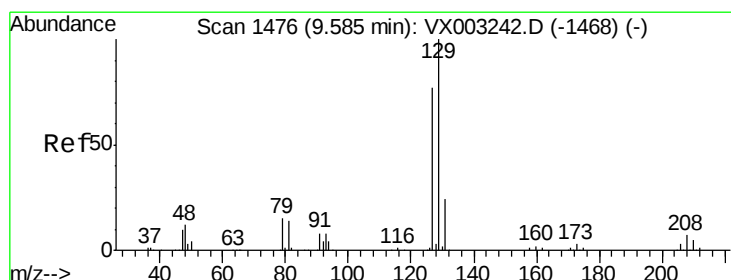
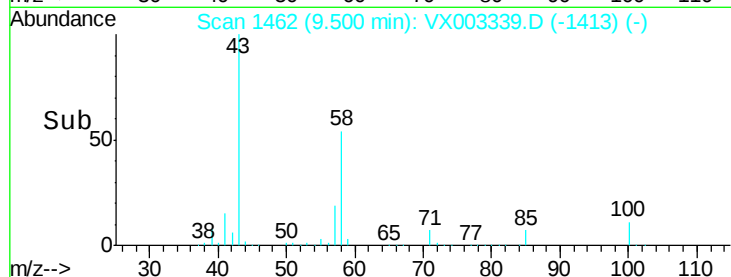
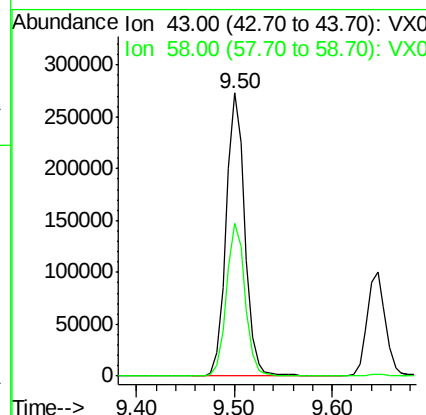
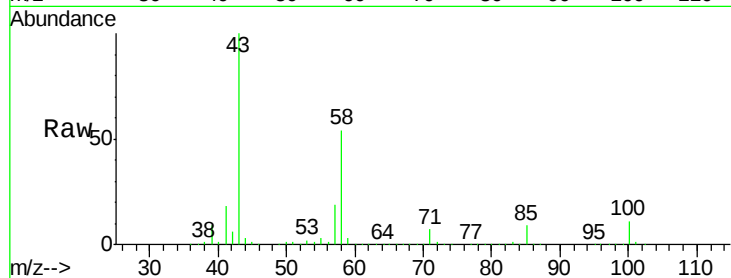
#59
2-Hexanone
Concen: 100.590 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 43 Resp: 361569
Ion Ratio Lower Upper
43 100
58 54.0 24.6 73.6

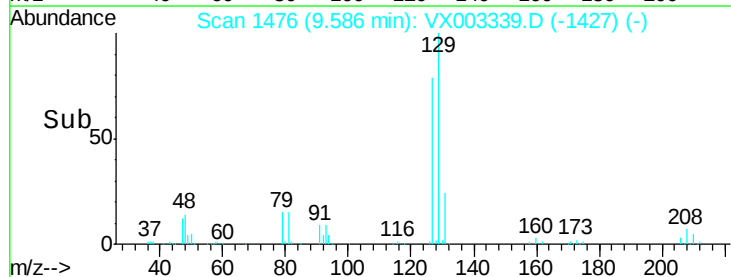
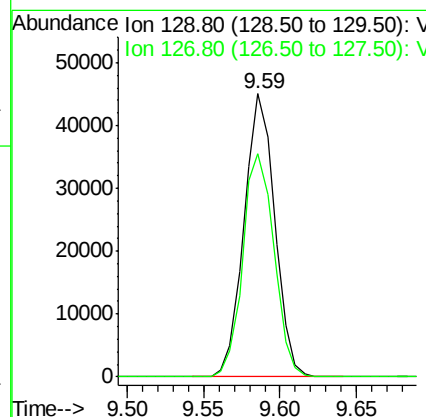
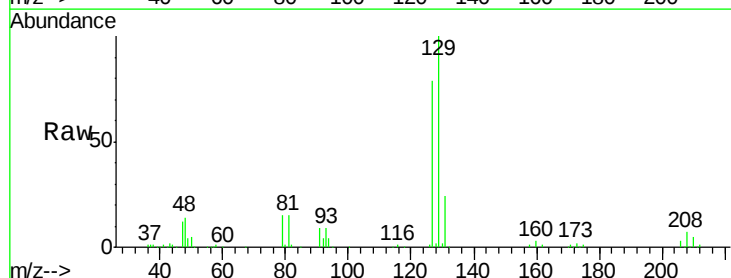
Manual Integrations
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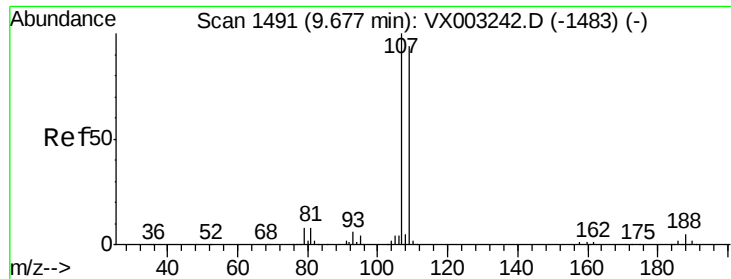
MMDadoda
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#60
Dibromochloromethane
Concen: 17.561 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 129 Resp: 62922
Ion Ratio Lower Upper
129 100
127 80.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.080 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion:107 Resp: 68619

Ion Ratio Lower Upper

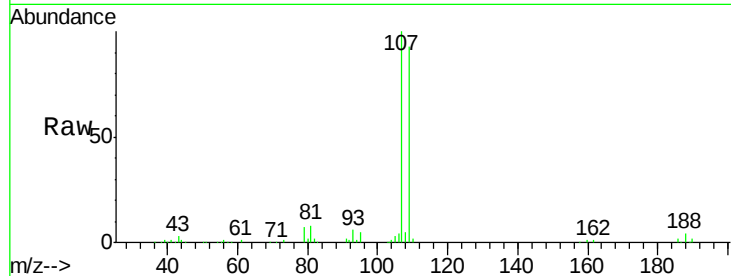
107 100

109 93.9 75.3 112.9

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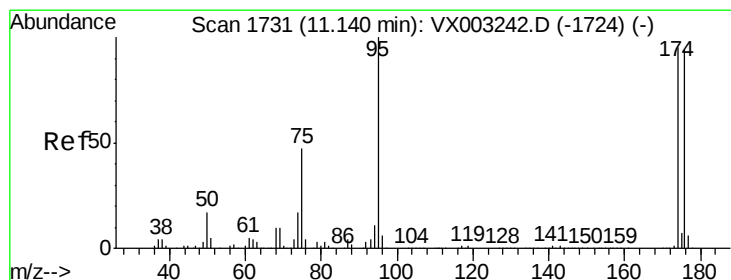
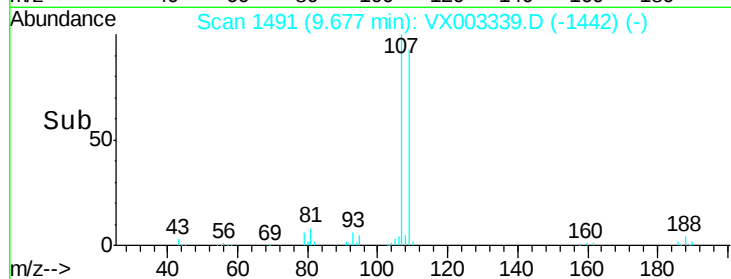
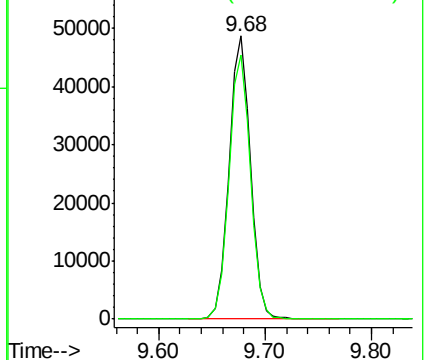
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.126 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

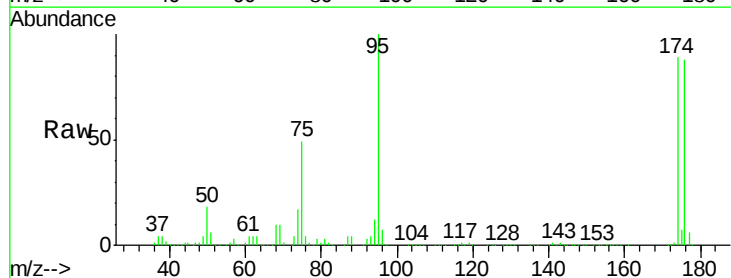
Tgt Ion: 95 Resp: 216068

Ion Ratio Lower Upper

95 100

174 91.6 0.0 187.4

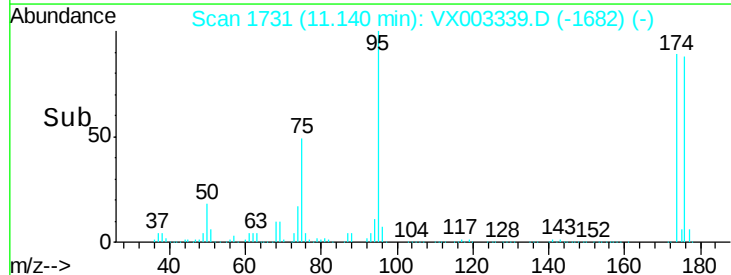
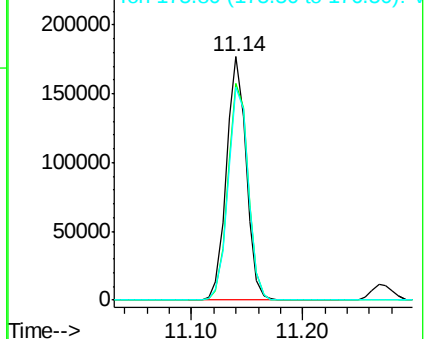
176 89.9 0.0 181.0

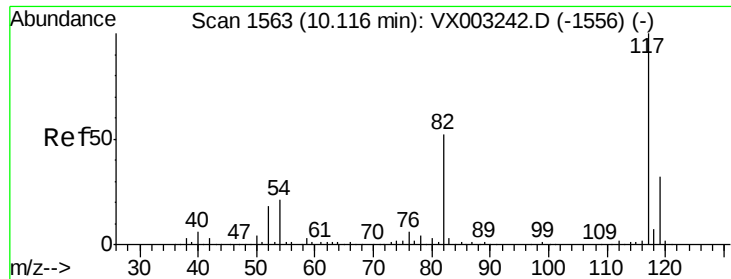


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





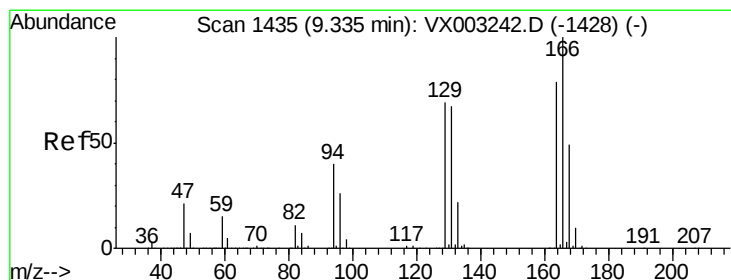
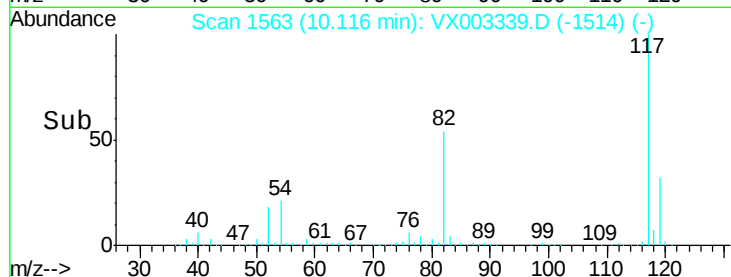
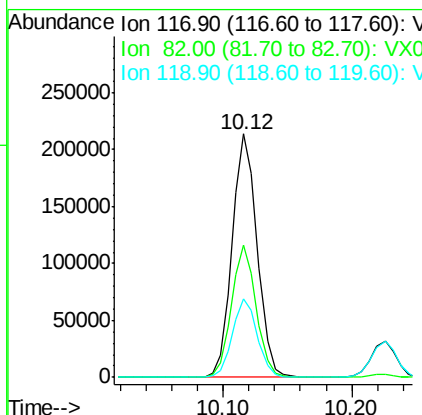
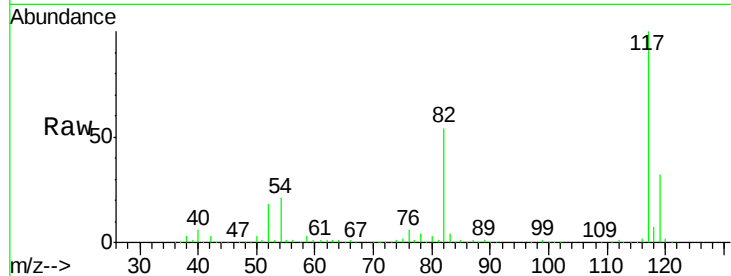
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.4
119	32.2	25.8	38.6

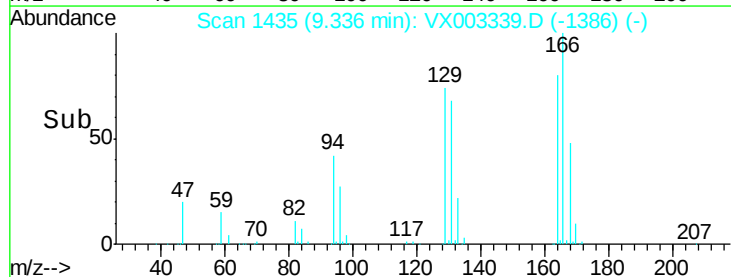
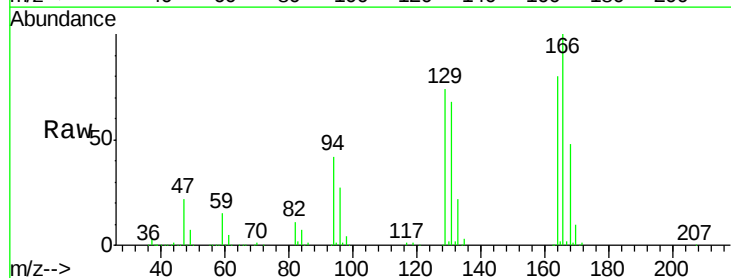
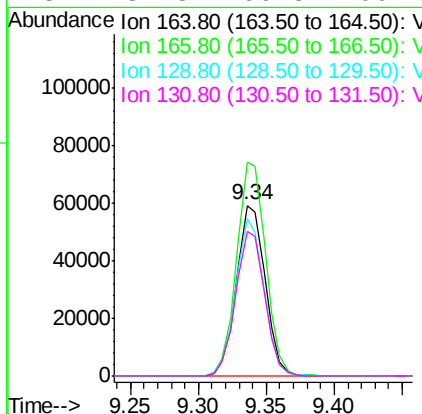
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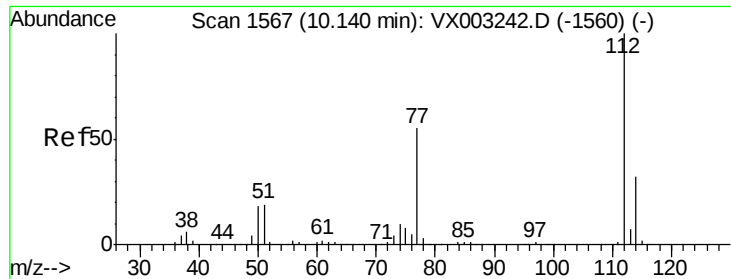
MMDadoda
7/12/2018 10:59:28 AM



#64
Tetrachloroethene
Concen: 19.974 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	102.9	154.3
129	92.3	68.6	102.8
131	84.8	66.8	100.2





#65

Chlorobenzene

Concen: 18.678 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion:112 Resp: 183842

Ion Ratio Lower Upper

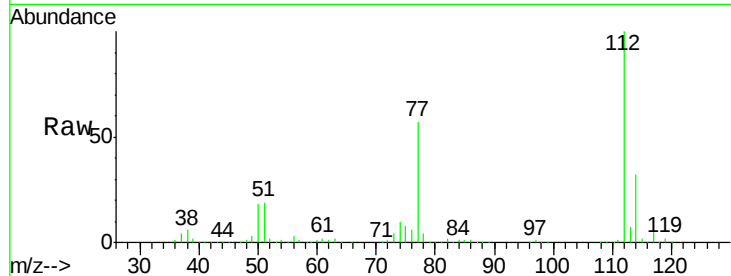
112 100

114 31.7 25.3 37.9

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

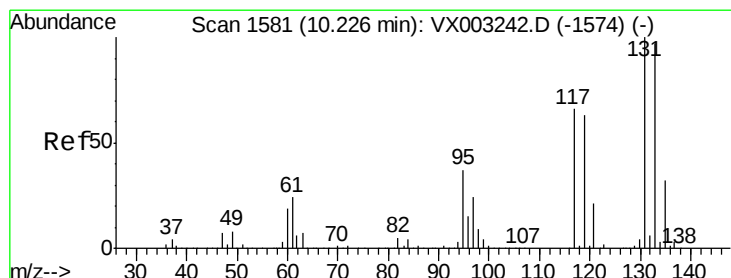
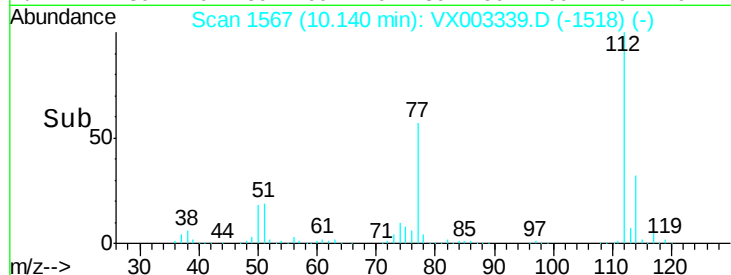
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.975 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

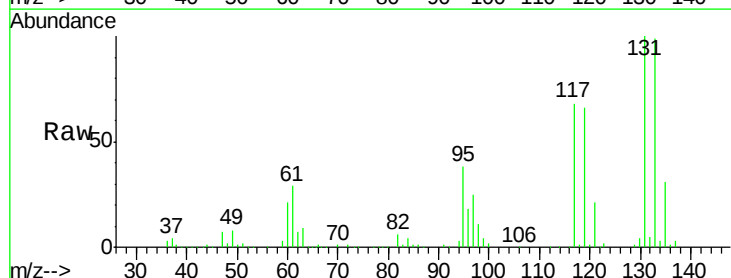
Tgt Ion:131 Resp: 63835

Ion Ratio Lower Upper

131 100

133 96.3 47.9 143.6

119 66.9 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

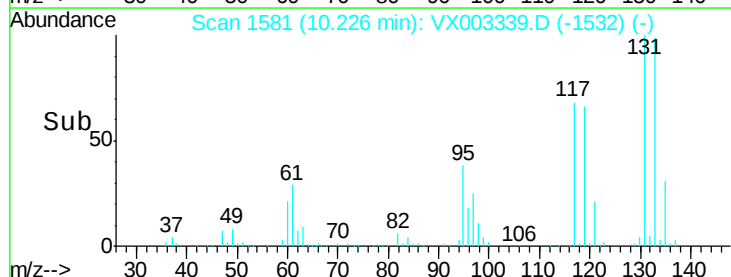
30000

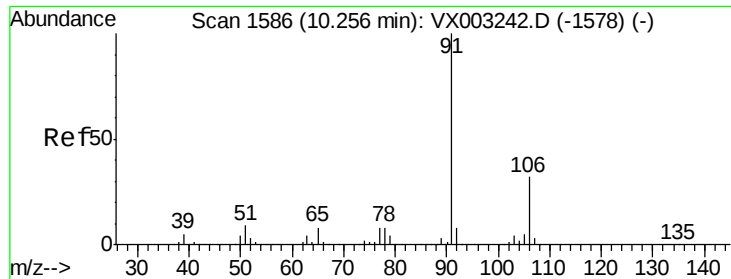
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 19.289 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS02

Tot Ion: 91 Resp: 307034

Ion Ratio Lower Upper

91 100

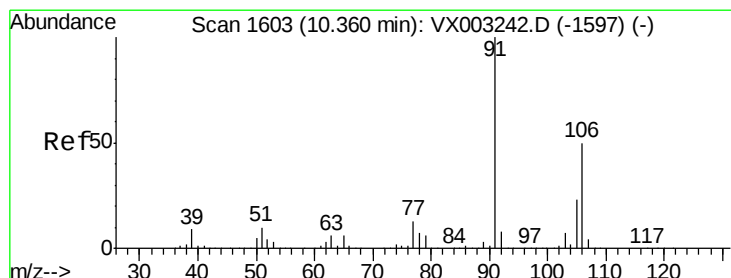
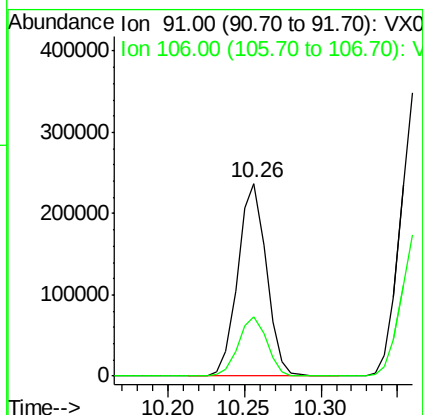
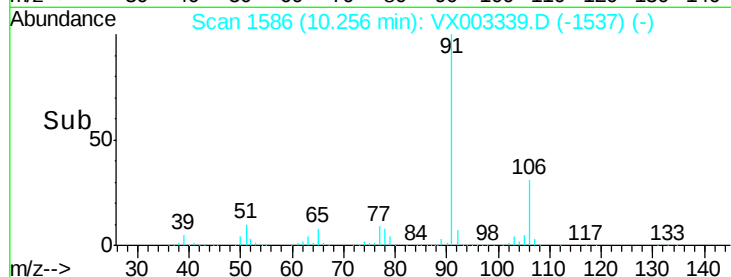
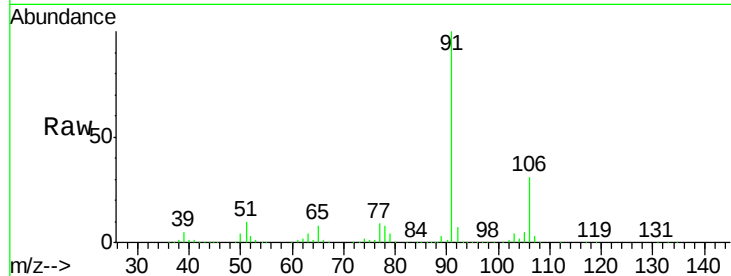
106 31.0 25.5 38.3

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#68

m/p-Xylenes

Concen: 38.410 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003339.D

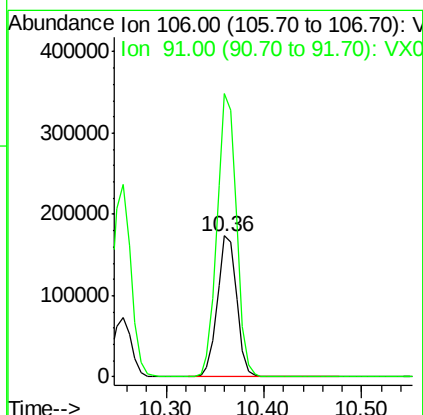
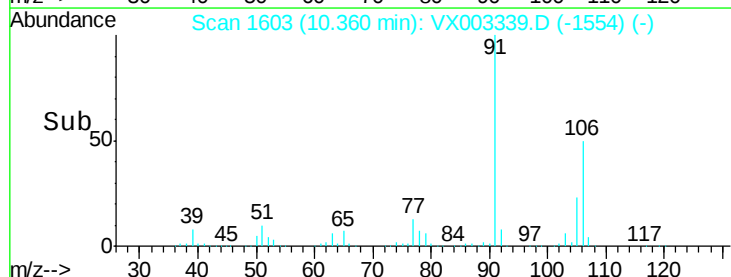
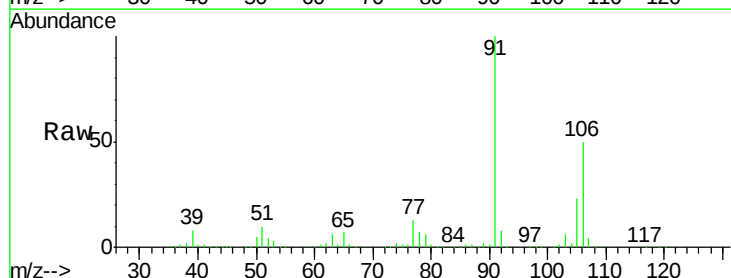
Acq: 11 Jul 2018 23:56

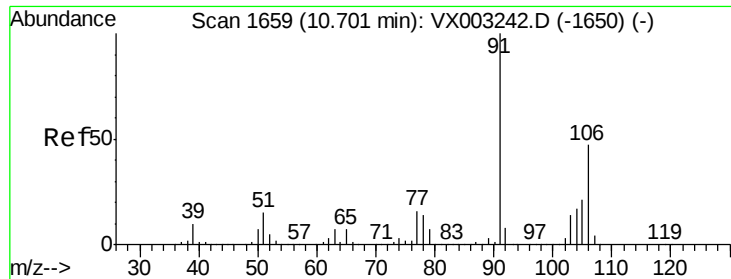
Tgt Ion: 106 Resp: 237845

Ion Ratio Lower Upper

106 100

91 201.6 163.4 245.2





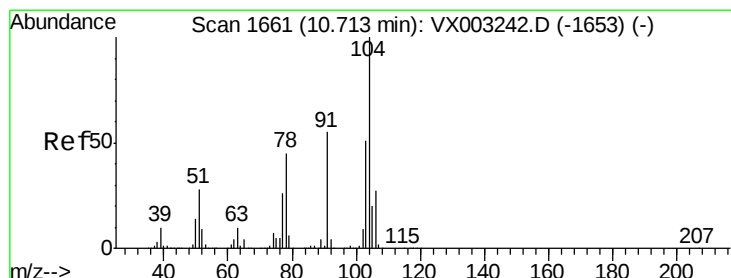
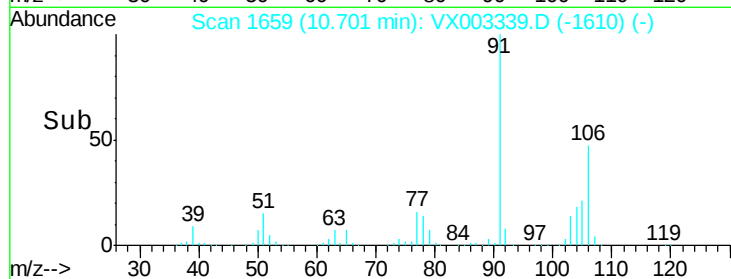
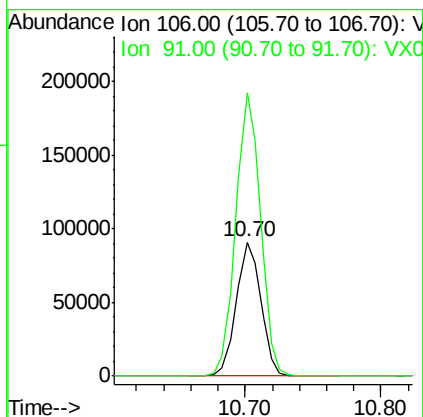
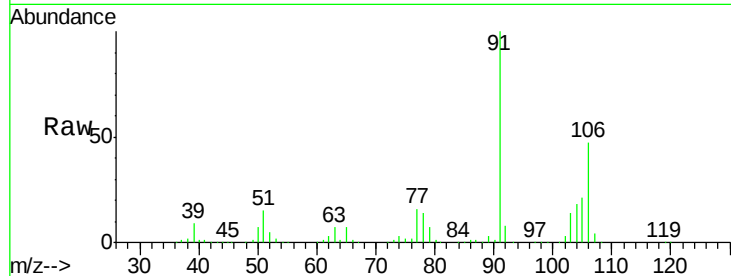
#69
o-Xylene
Concen: 19.157 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampled :
VX0711WBS02

Tot Ion:106 Resp: 114924
Ion Ratio Lower Upper
106 100
91 212.2 108.2 324.6

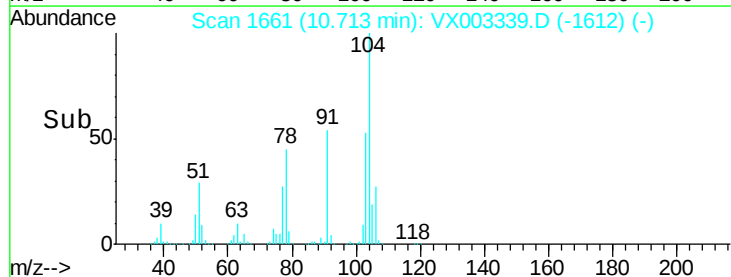
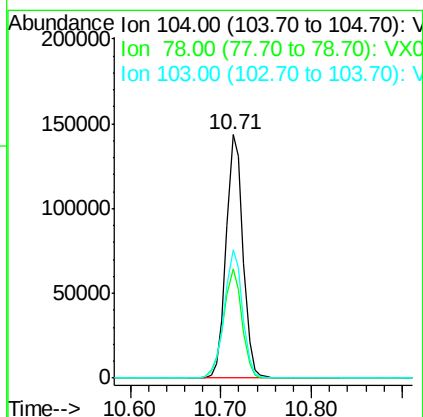
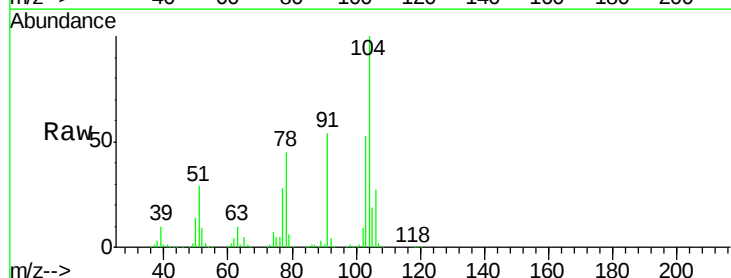
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#70
Styrene
Concen: 19.140 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion:104 Resp: 186183
Ion Ratio Lower Upper
104 100
78 49.2 41.0 61.6
103 56.5 44.2 66.4





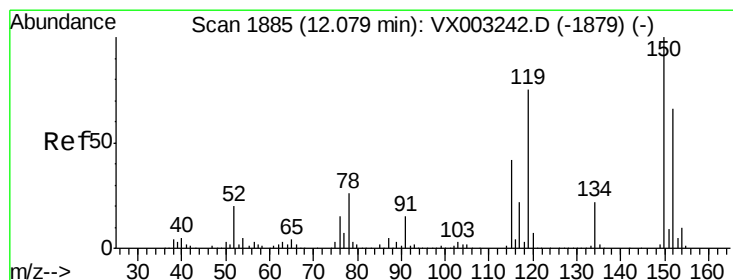
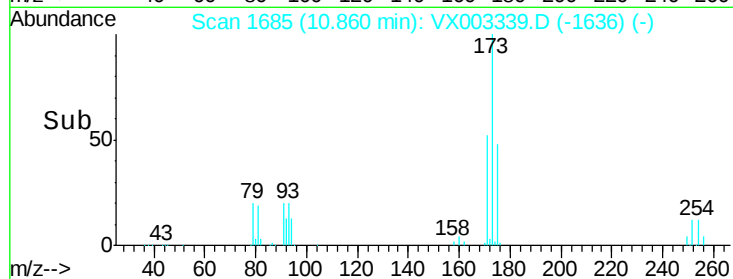
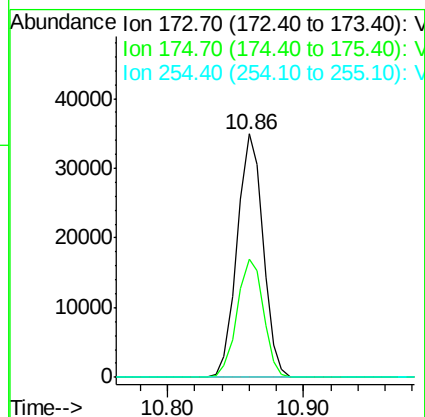
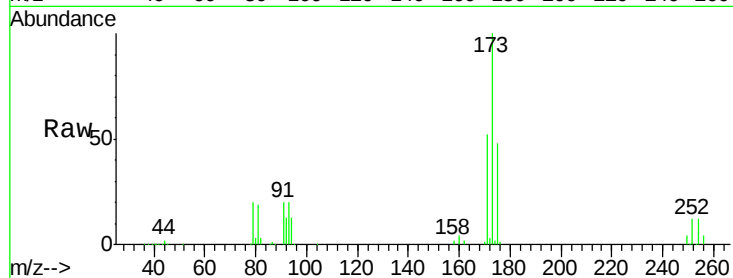
#71
Bromoform
Concen: 15.913 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.1	0.2	0.2

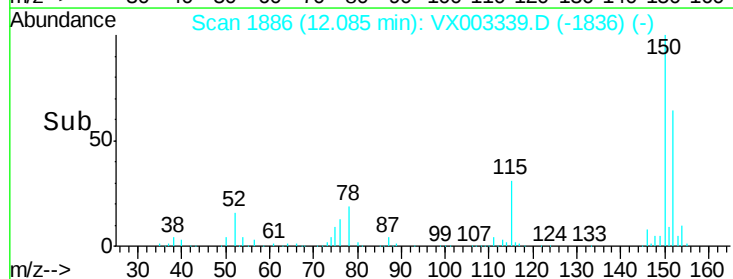
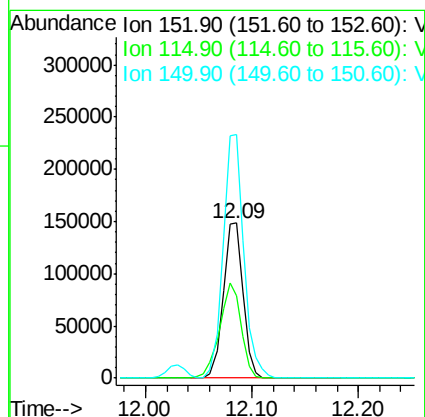
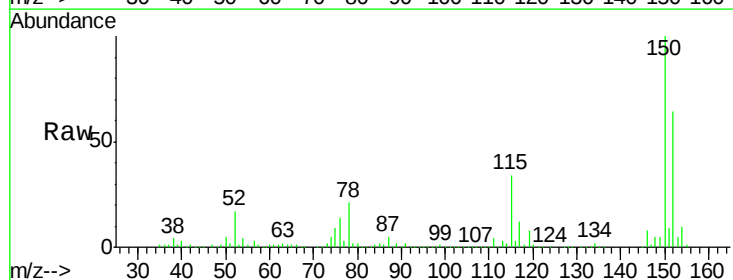
Manual Integrations
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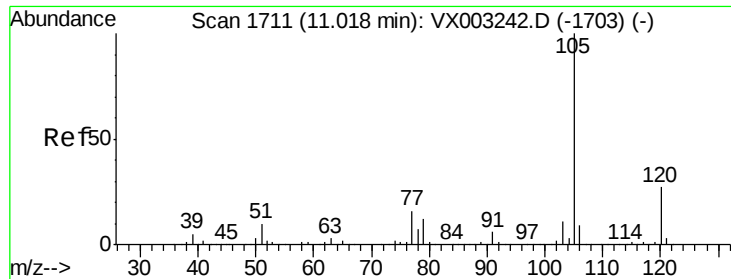
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.3	40.1	120.2
150	164.5	0.0	347.2





#73

Isopropylbenzene

Concen: 20.141 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion:105 Resp: 305733

Ion Ratio Lower Upper

105 100

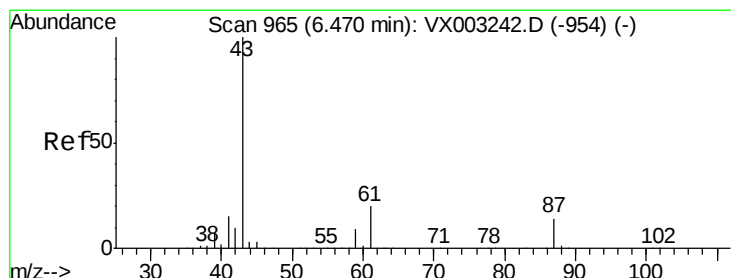
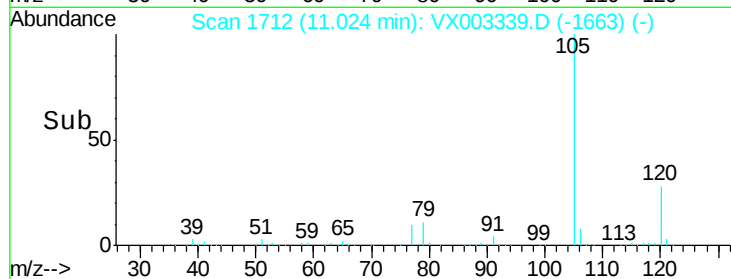
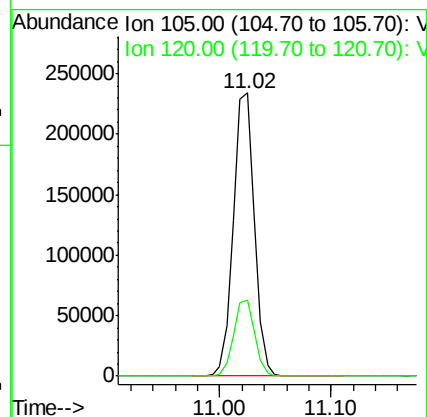
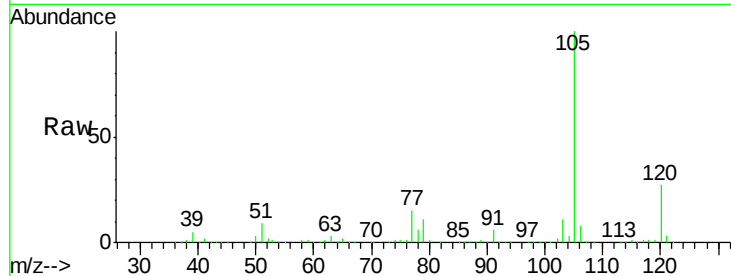
120 27.0 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.550 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion: 43 Resp: 141570

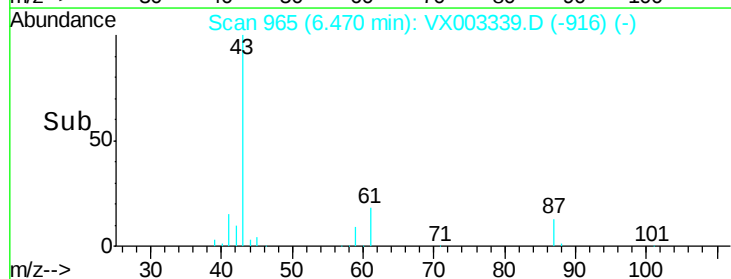
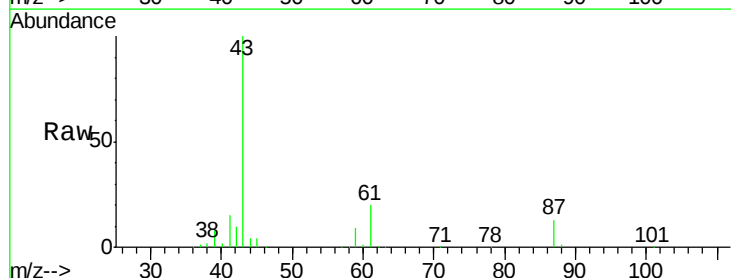
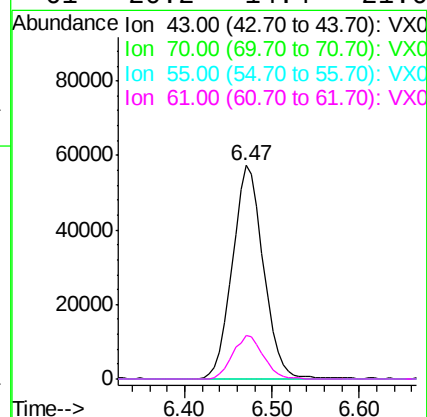
Ion Ratio Lower Upper

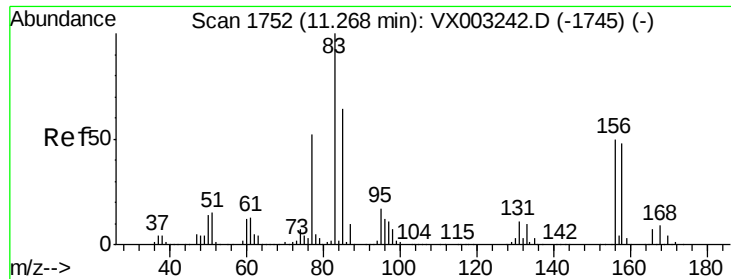
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.558 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

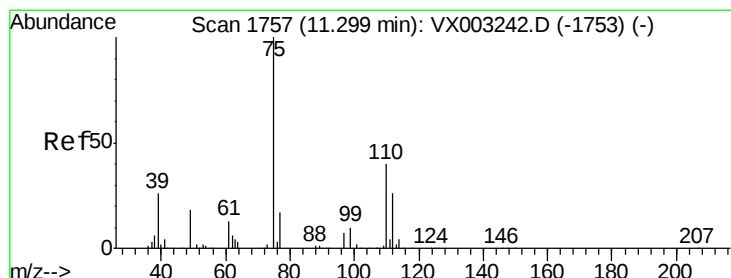
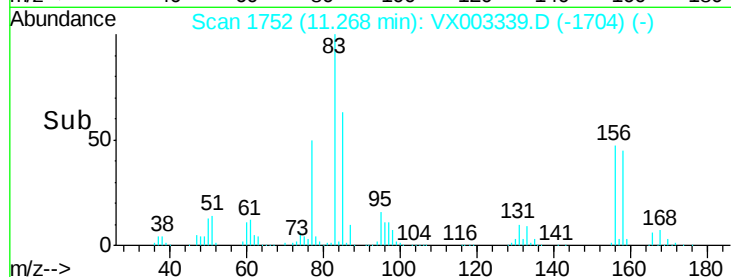
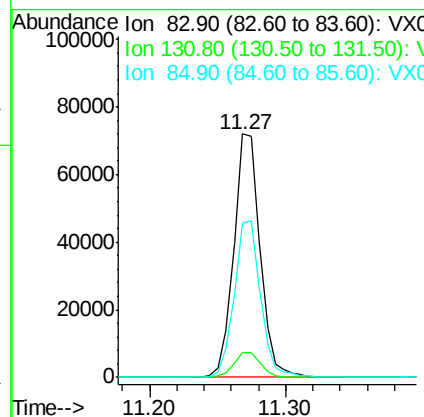
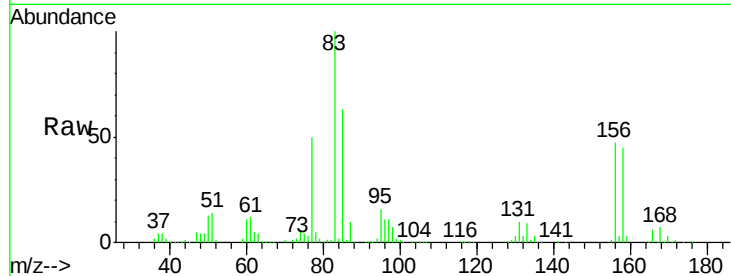
ClientSampleId :

VX0711WBS02

Tot Ion:	83	Resp:	96795
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.6	16.8
85	64.3	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 23.011 ug/l m

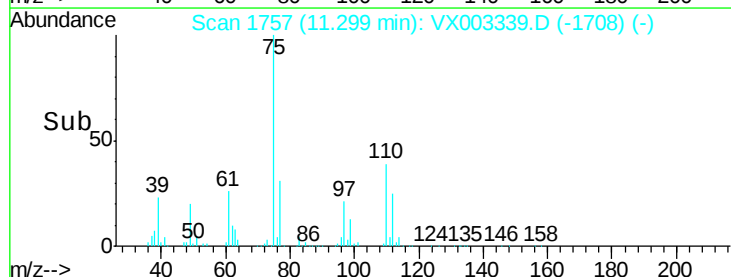
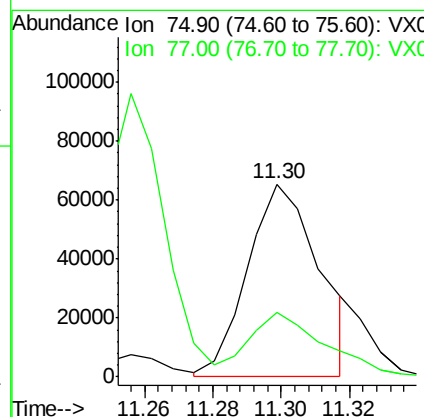
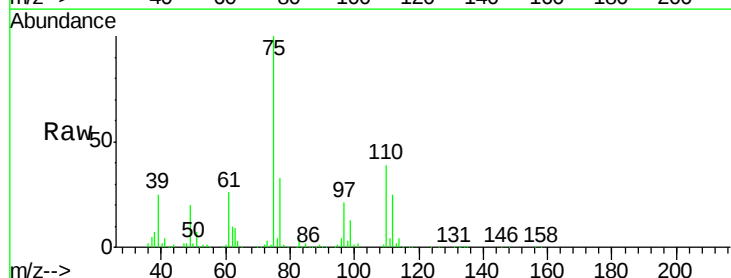
RT: 11.30 min Scan# 1757

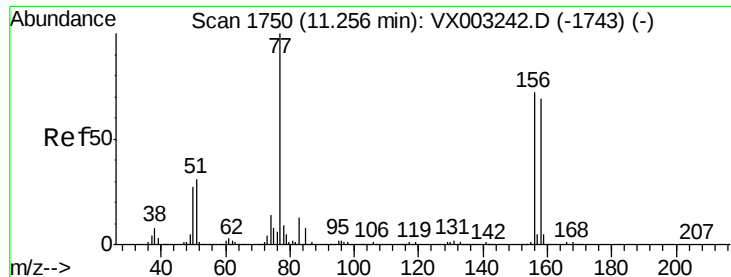
Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion:	75	Resp:	95611
Ion Ratio	Lower	Upper	
75	100		
77	35.6	22.8	68.3





#77

Bromobenzene

Concen: 19.130 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBS02

Tot Ion:156 Resp: 83842

Ion Ratio Lower Upper

156 100

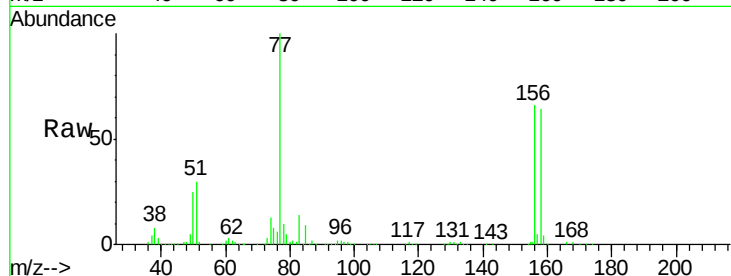
77 143.8 71.4 214.2

158 98.2 48.9 146.6

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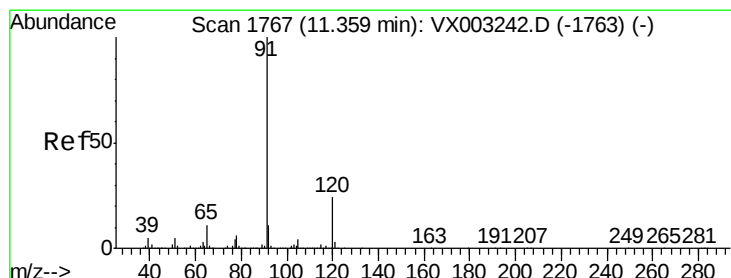
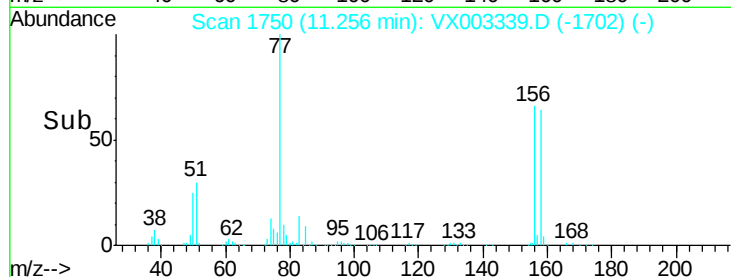
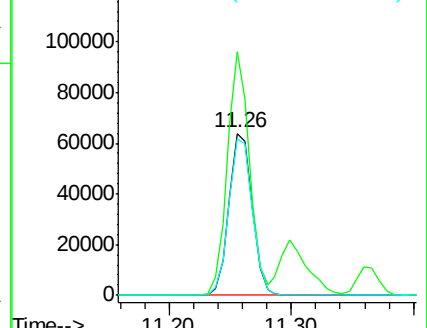
7/12/2018 10:59:28 AM



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: 20.637 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003339.D

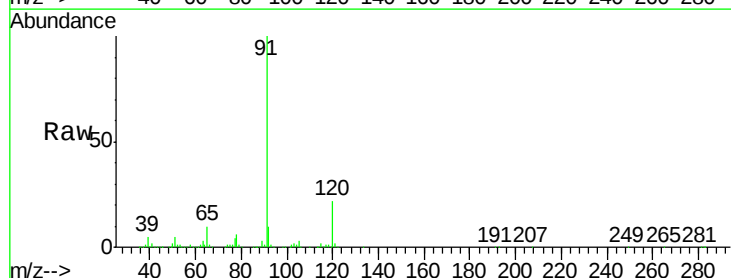
Acq: 11 Jul 2018 23:56

Tgt Ion: 91 Resp: 348303

Ion Ratio Lower Upper

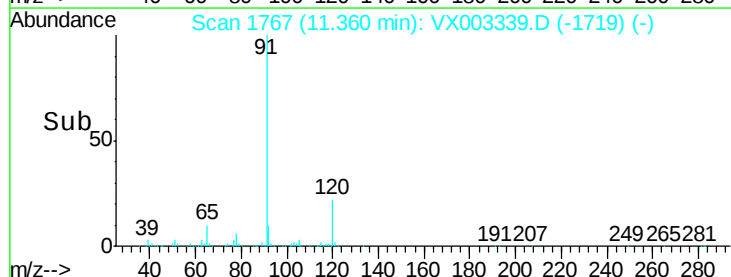
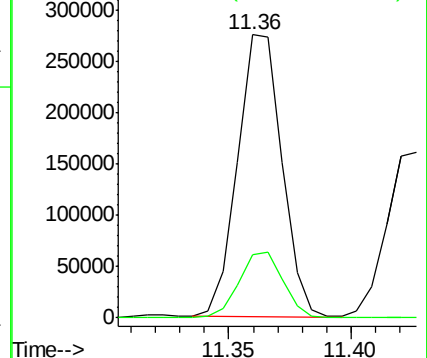
91 100

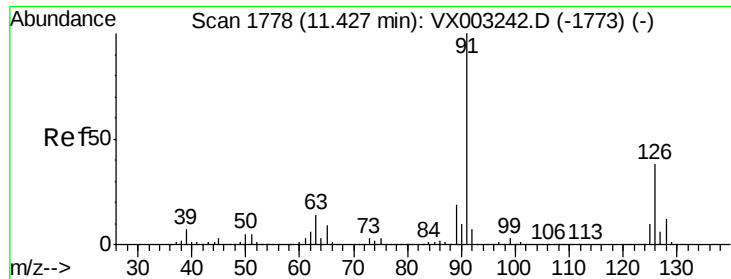
120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





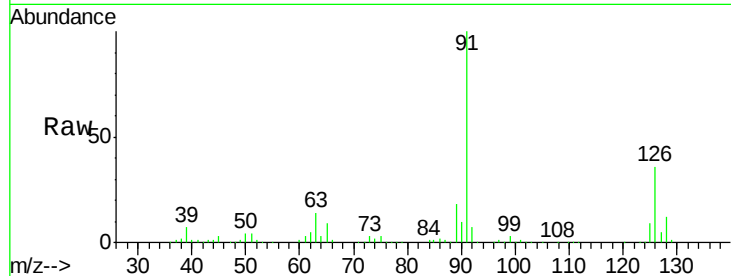
#79
2-Chlorotoluene
Concen: 20.267 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

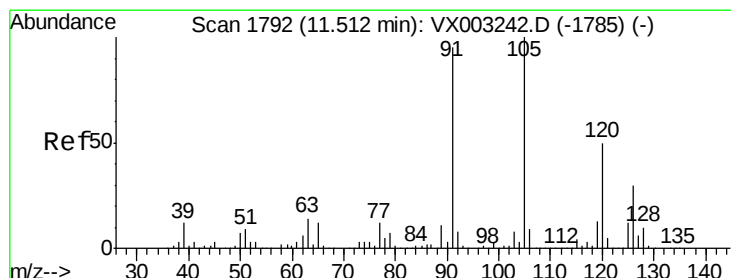
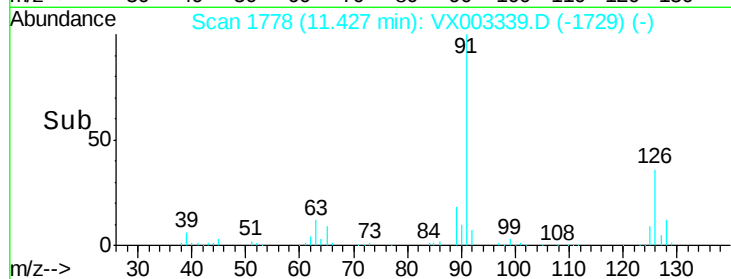
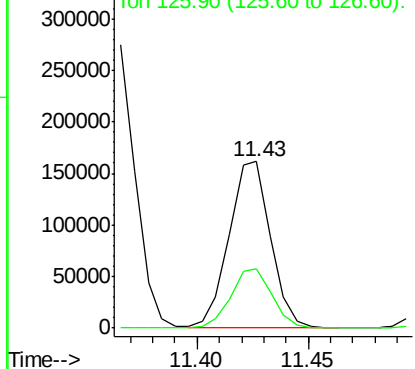
Tot Ion: 91 Resp: 208388
Ion Ratio Lower Upper
91 100
126 35.7 17.7 53.1

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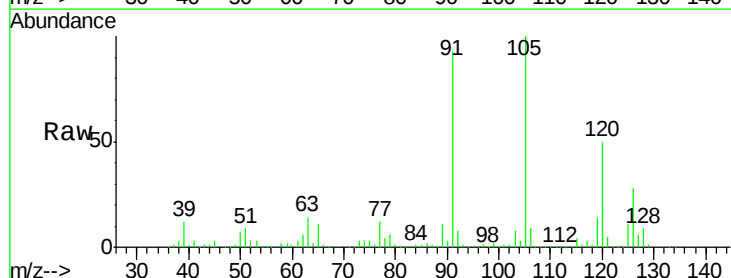


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

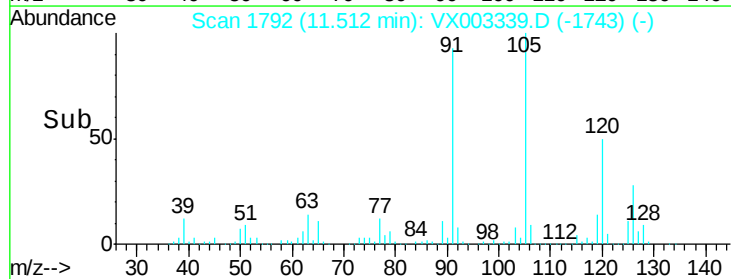
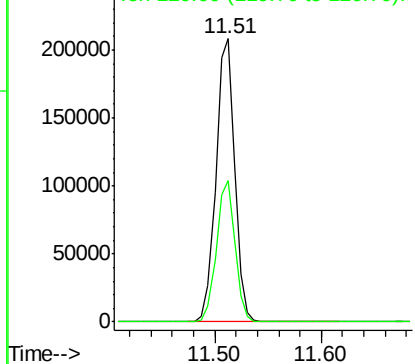


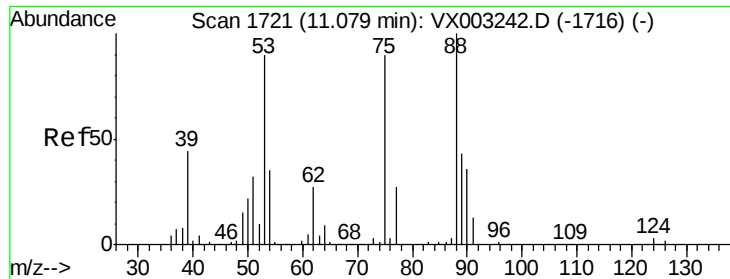
#80
1,3,5-Trimethylbenzene
Concen: 20.013 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 105 Resp: 252957
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





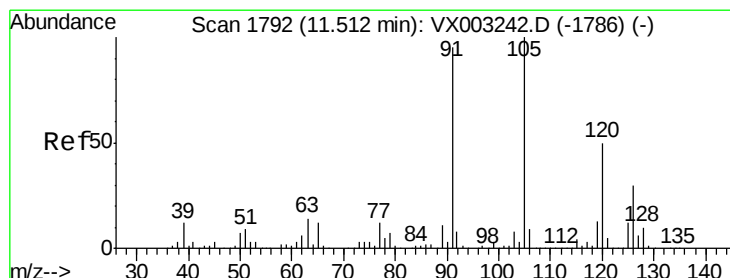
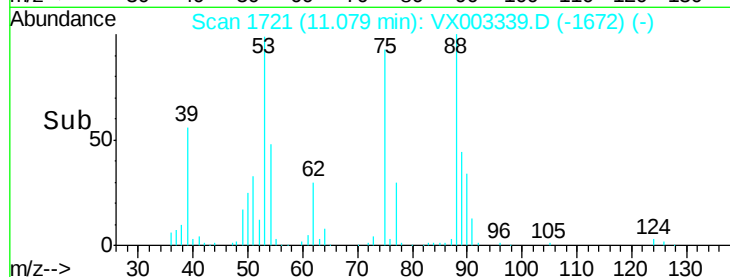
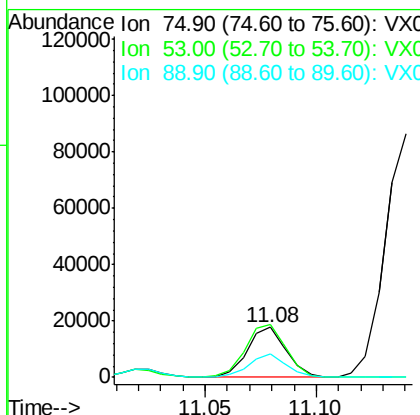
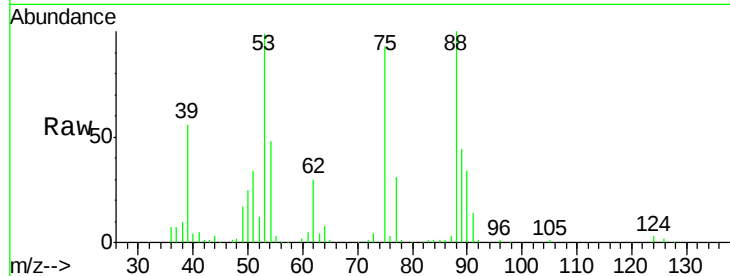
#81
trans-1,4-Dichloro-2-butene
Concen: 17.034 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion: 75 Resp: 21656
Ion Ratio Lower Upper
75 100
53 109.3 86.8 130.2
89 45.7 38.2 57.2

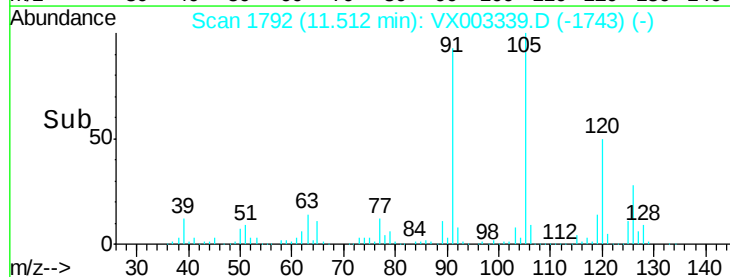
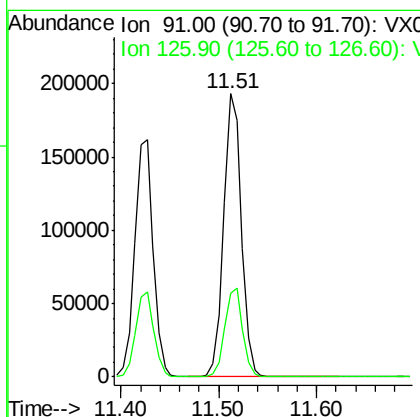
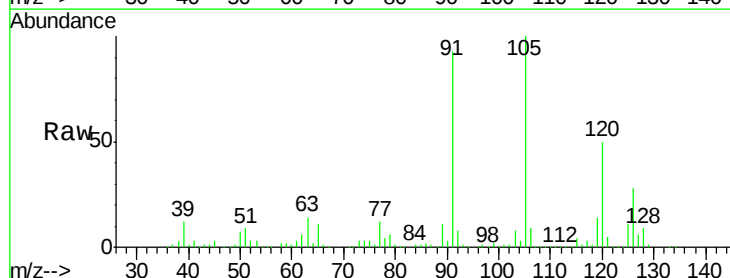
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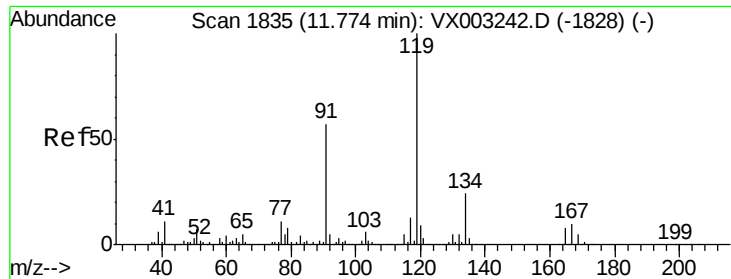
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#82
4-Chlorotoluene
Concen: 20.158 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion: 91 Resp: 241996
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.4





#83

tert-Butylbenzene

Concen: 18.722 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

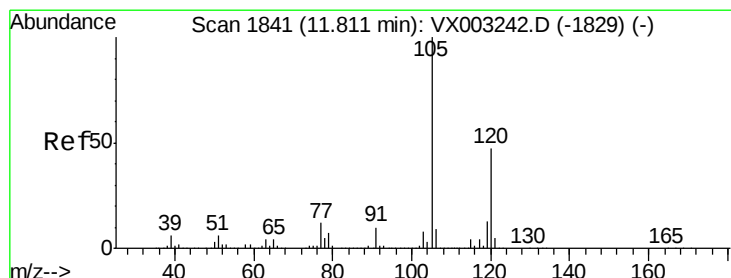
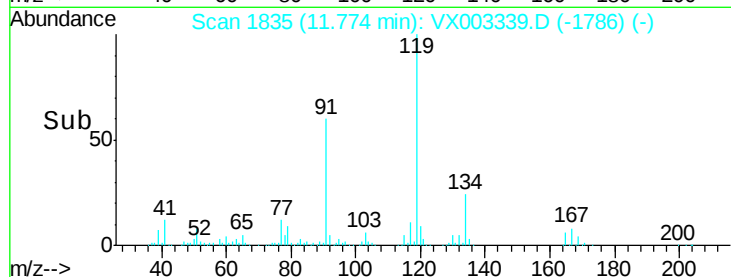
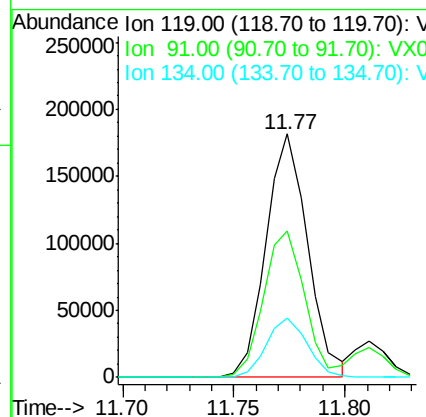
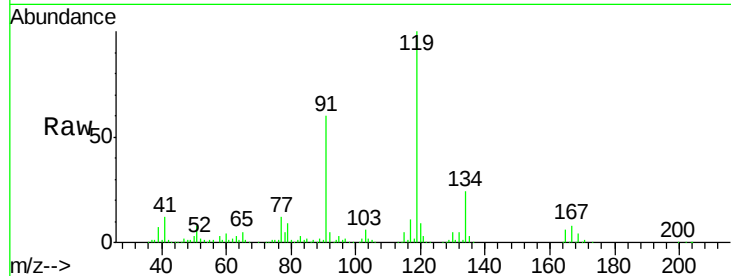
ClientSampleId :

VX0711WBS02

Tot Ion:	119	Resp:	236384
Ion Ratio	Lower	Upper	
119	100		
91	58.4	30.3	90.9
134	24.0	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 20.114 ug/l

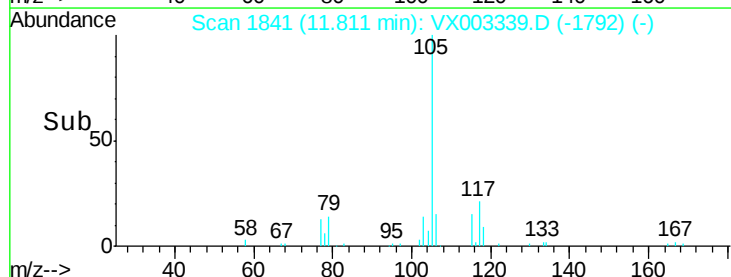
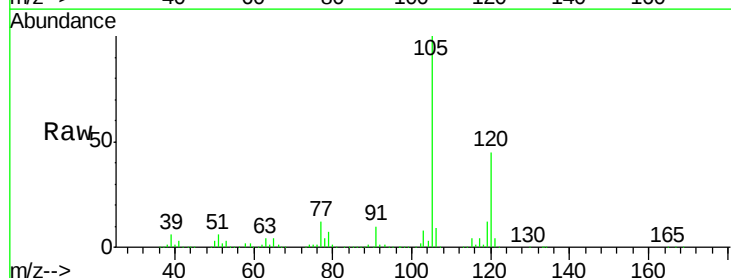
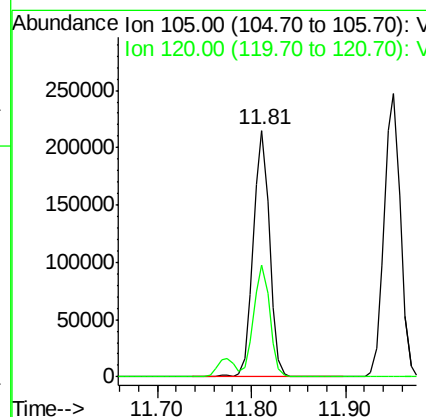
RT: 11.81 min Scan# 1841

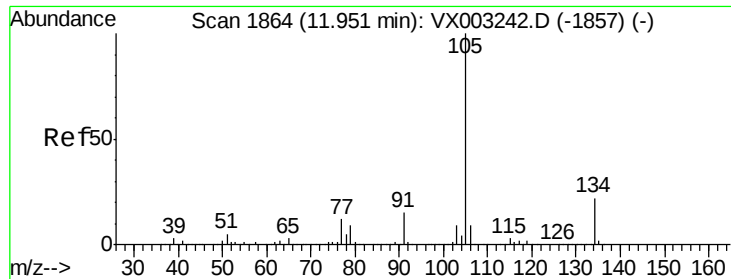
Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion:	105	Resp:	260342
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.3	66.8





#85

sec-Butylbenzene

Concen: 19.880 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

VX0711WBS02

Tot Ion:105 Resp: 296668

Ion Ratio Lower Upper

105 100

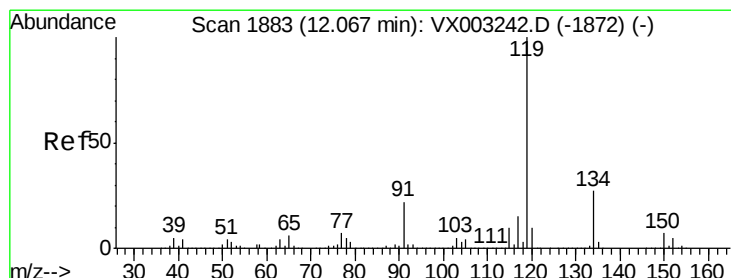
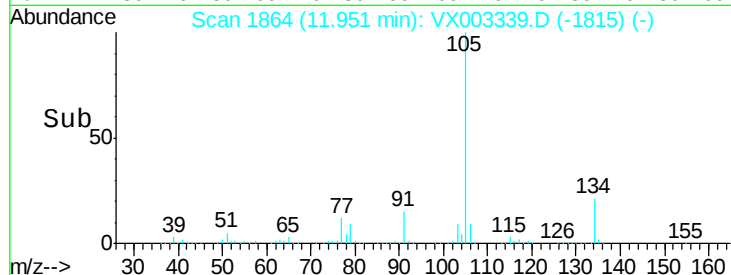
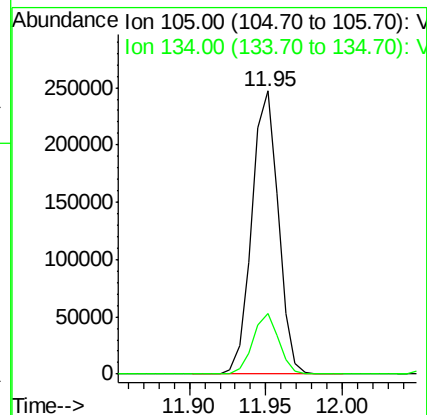
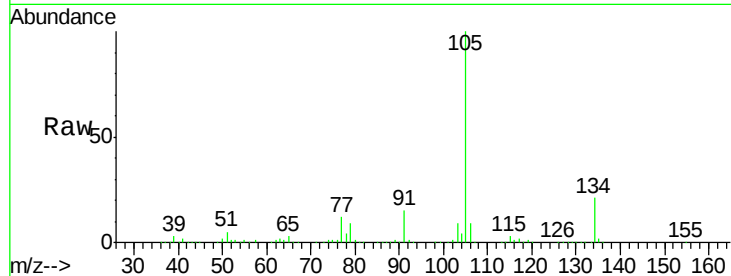
134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.332 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

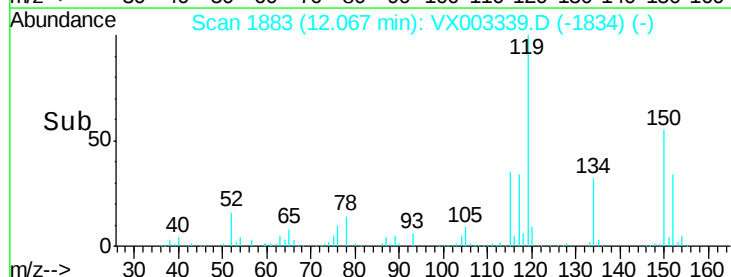
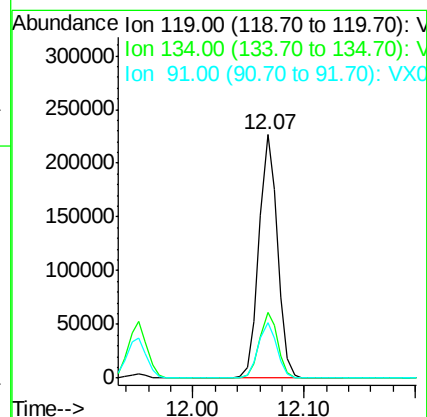
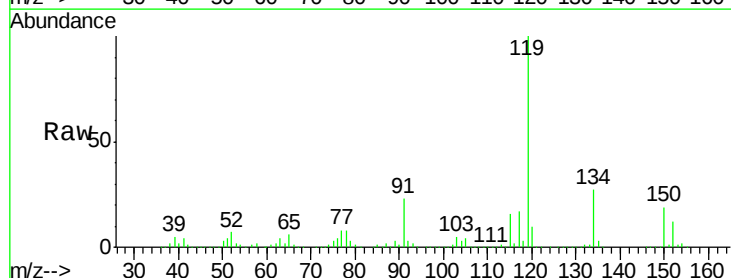
Tgt Ion:119 Resp: 262848

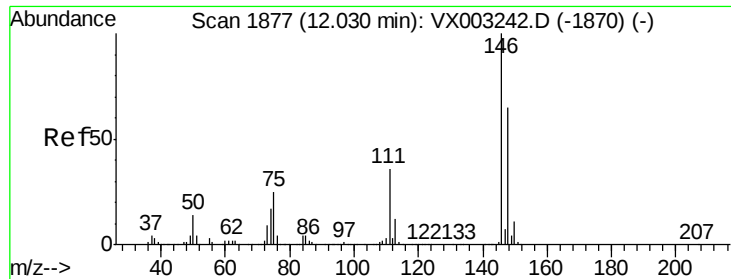
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.8 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 18.591 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

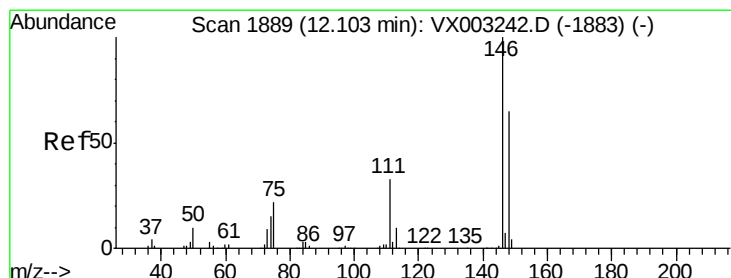
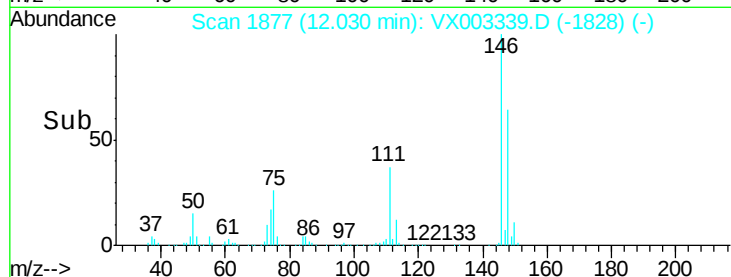
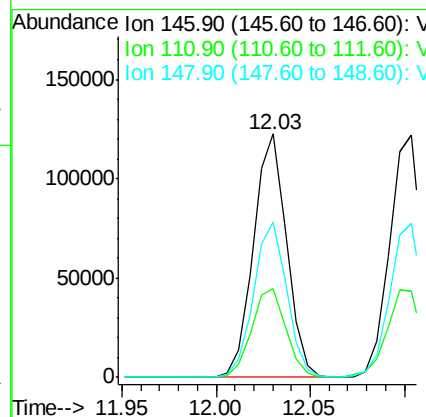
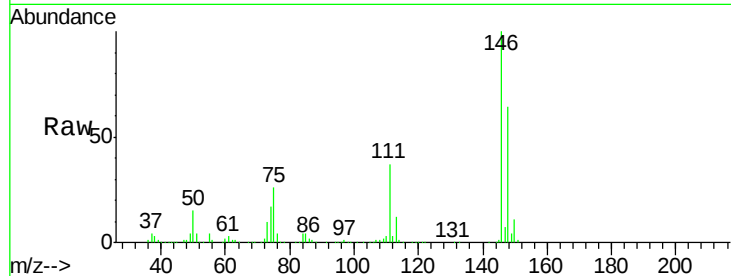
ClientSampleId :

VX0711WBS02

Tot Ion:	146	Resp:	149462
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.9	56.7
148	63.7	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 18.534 ug/l

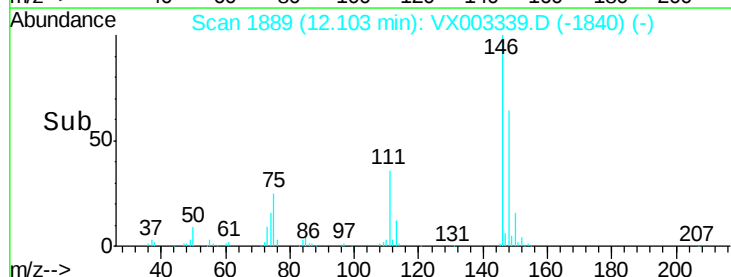
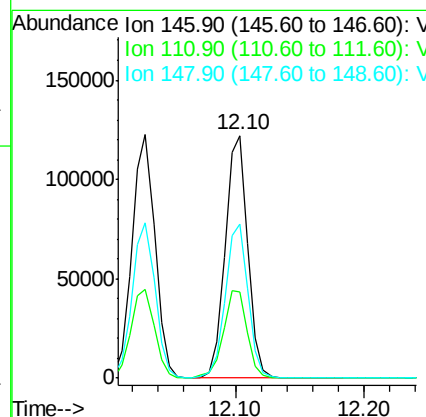
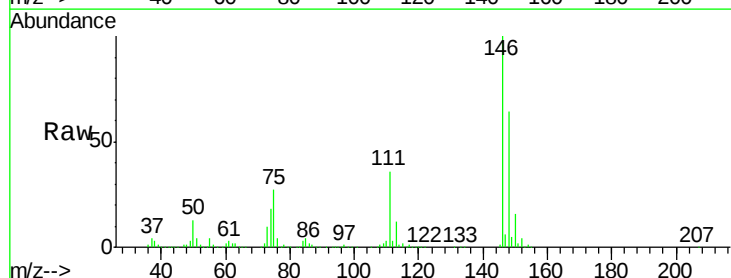
RT: 12.10 min Scan# 1889

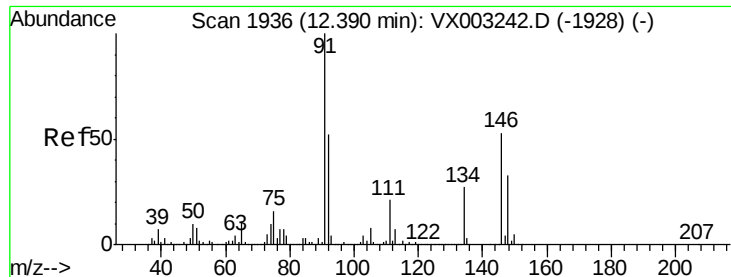
Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion:	146	Resp:	150855
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.7	56.1
148	64.4	32.4	97.0





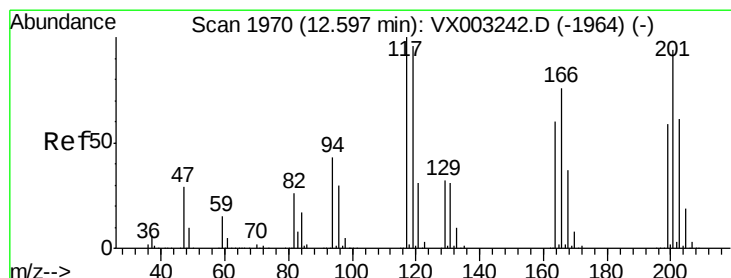
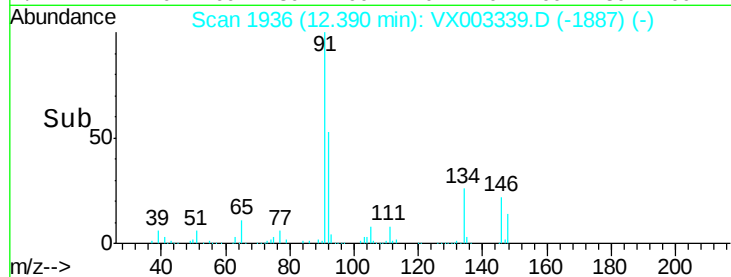
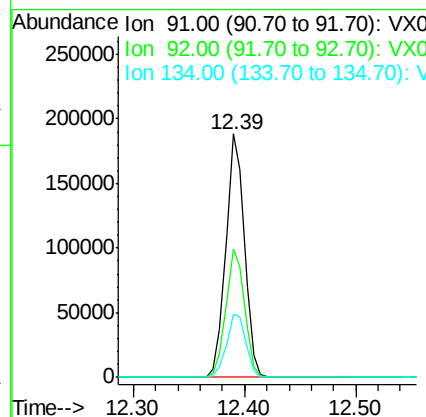
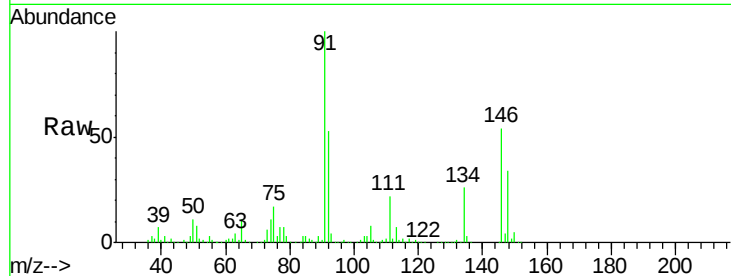
#89
n-Butylbenzene
Concen: 19.205 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.0	78.0
134	26.8	13.5	40.5

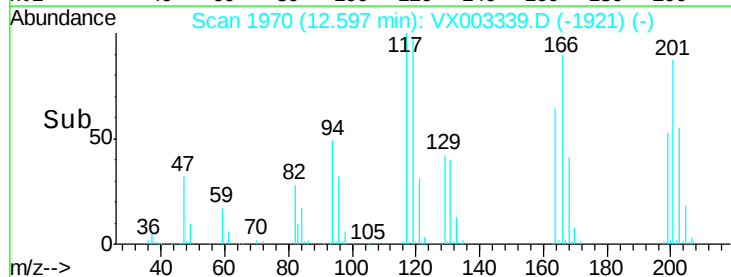
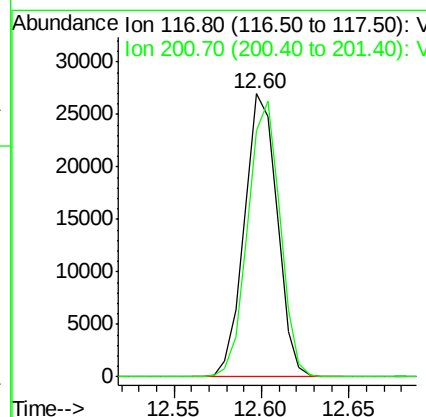
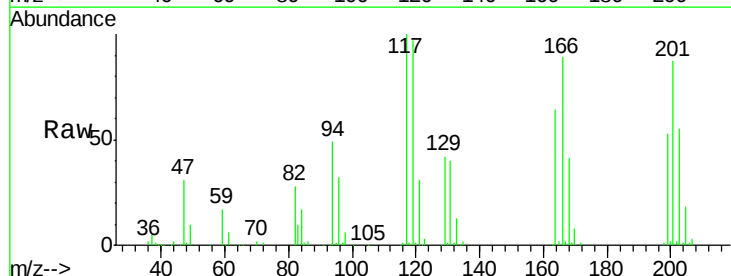
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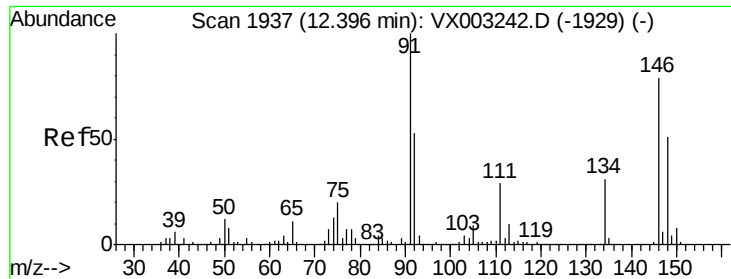
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#90
Hexachloroethane
Concen: 17.074 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003339.D
Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.3	49.0	147.0





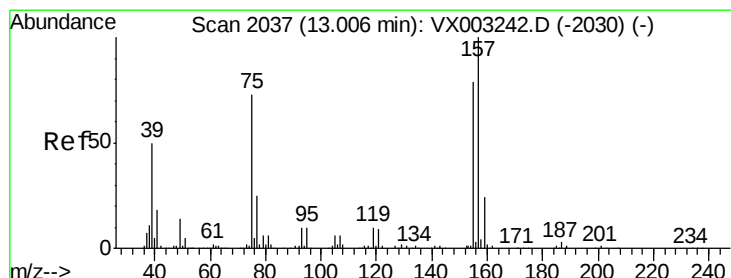
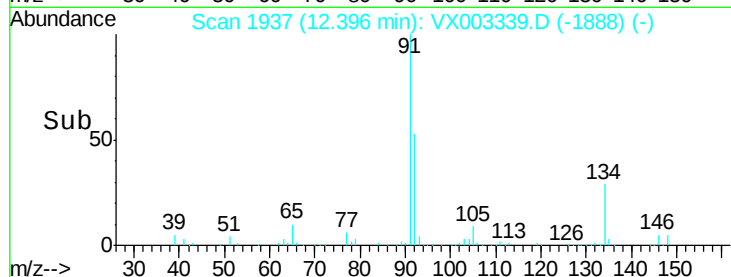
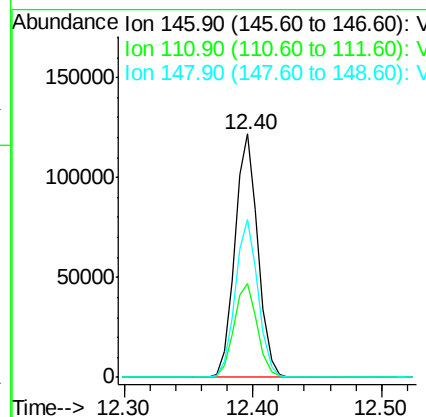
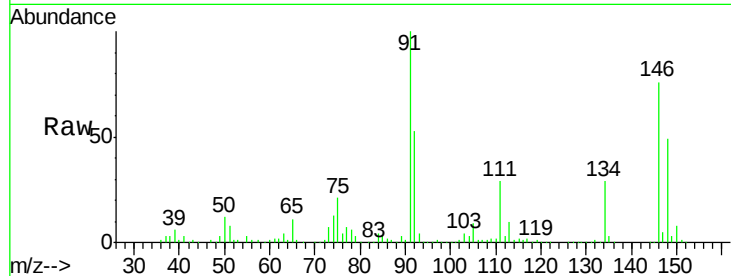
#91
 1,2-Dichlorobenzene
 Concen: 18.829 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	64.3	31.7	95.1

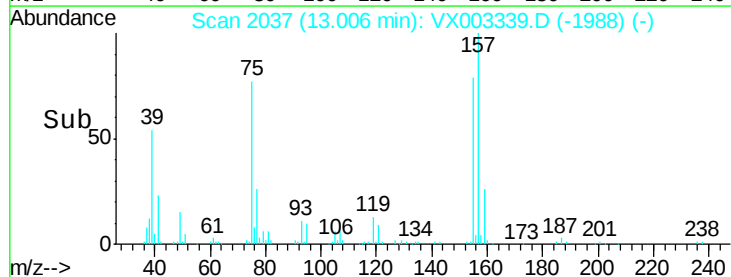
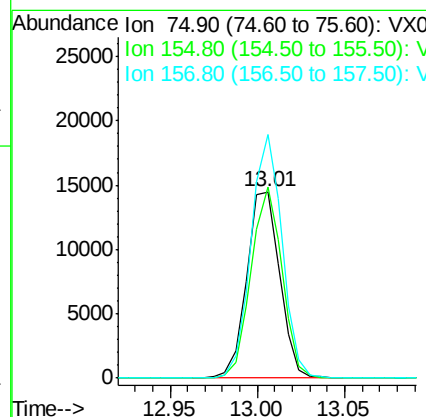
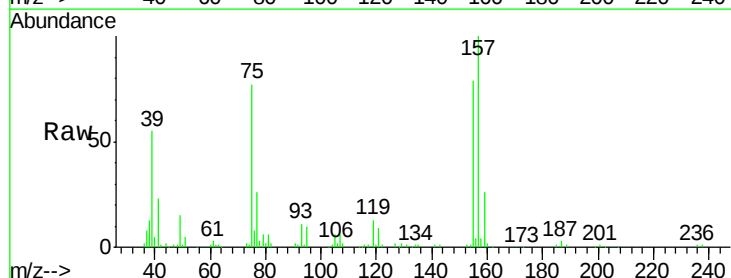
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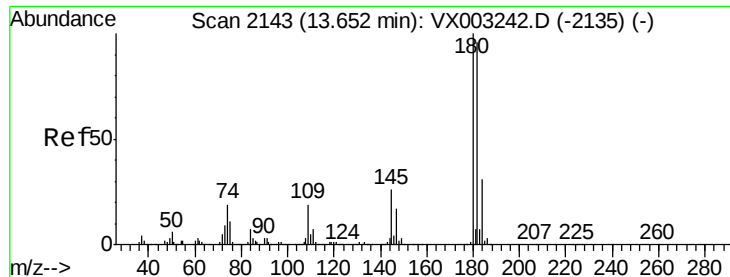
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.893 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	45.8	137.4
157	122.9	60.1	180.3





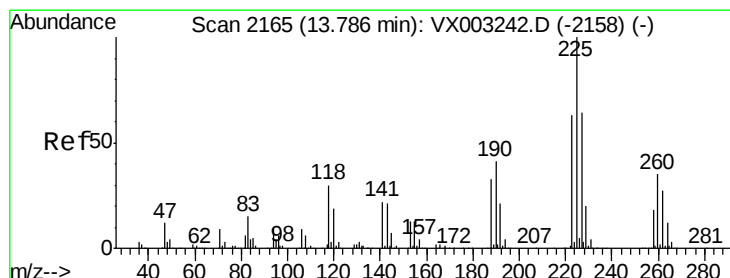
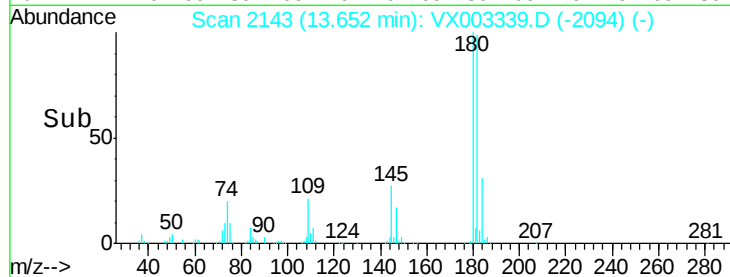
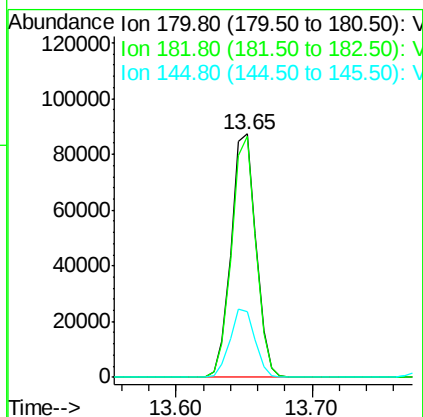
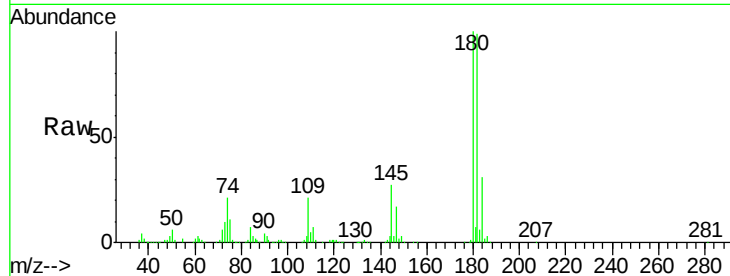
#93
 1,2,4-Trichlorobenzene
 Concen: 18.900 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	47.7	143.1	
145	28.2	14.1	42.4	

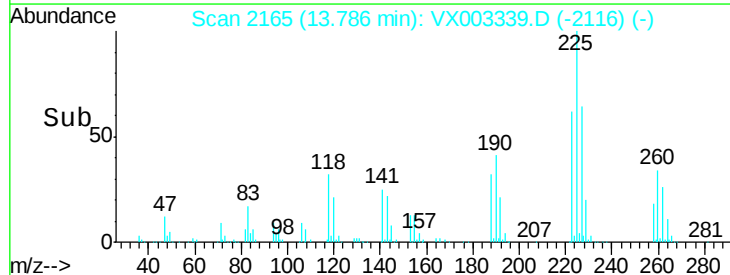
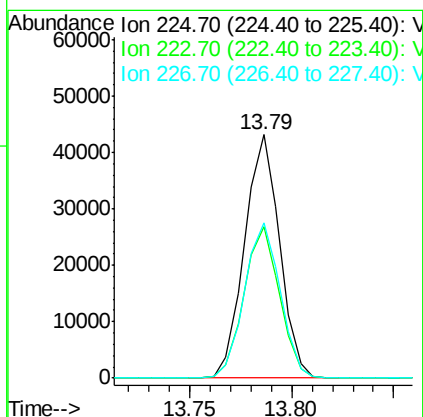
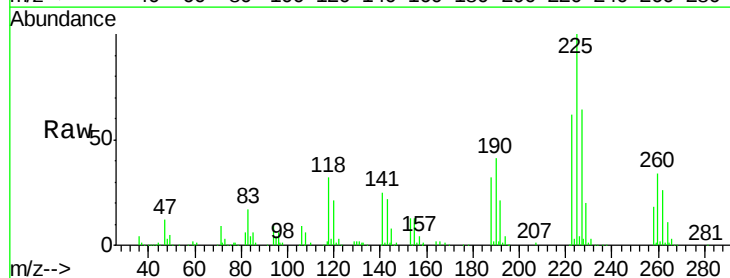
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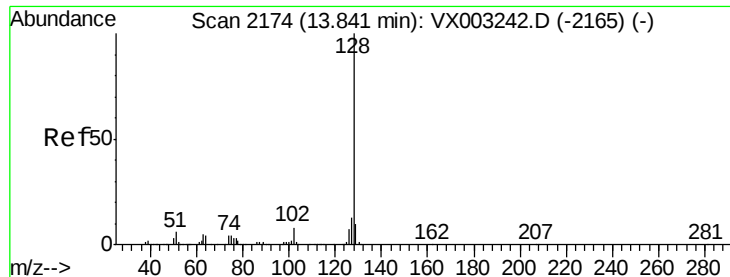
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#94
 Hexachlorobutadiene
 Concen: 17.606 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003339.D
 Acq: 11 Jul 2018 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	31.6	95.0	
227	64.8	32.4	97.2	





#95

Naphthalene

Concen: 21.296 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Instrument :

MSVOA_X

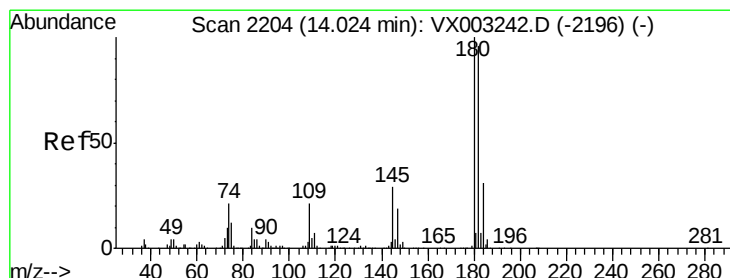
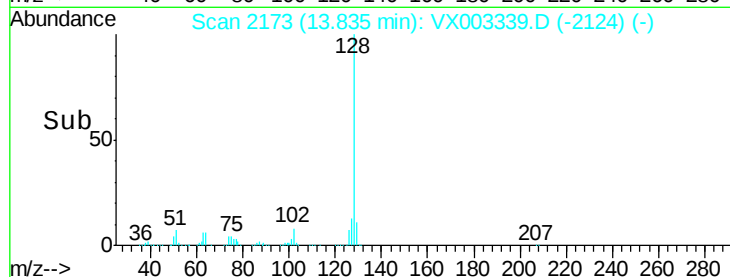
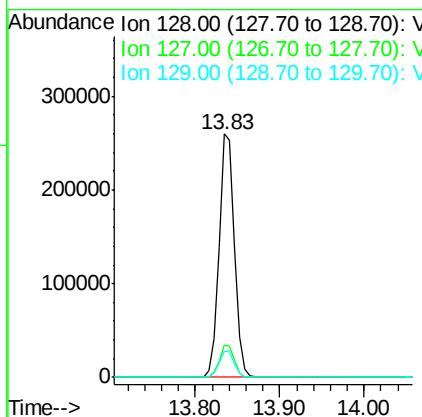
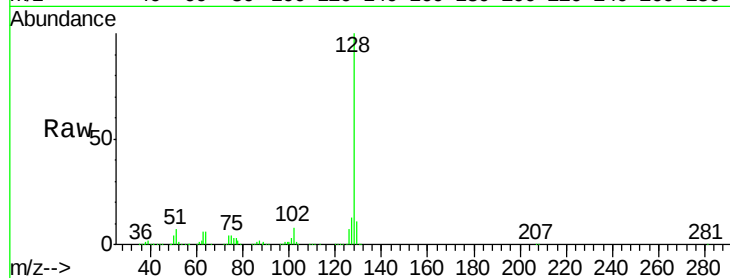
ClientSampleId :

VX0711WBS02

Tot Ion:	128	Resp:	327354
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/12/2018 10:59:28 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.498 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003339.D

Acq: 11 Jul 2018 23:56

Tgt Ion:	180	Resp:	108394
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.0
145	29.3	14.8	44.3

