

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008380.D
 Acq On : 24 Mar 2019 10:39
 Operator : JC/SP
 Sample : VX0324WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:24:19 AM

Quant Time: Mar 25 06:06:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	158772	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	5.49	113	115673	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	8.71	98	464068	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	168829	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46884	19.976	ug/l	98
3) Chloromethane	1.32	50	68397	19.658	ug/l	99
4) Vinyl Chloride	1.40	62	68049	20.039	ug/l	99
5) Bromomethane	1.64	94	44438	20.781	ug/l	96
6) Chloroethane	1.72	64	40654	20.441	ug/l	99
7) Trichlorofluoromethane	1.93	101	76308	19.760	ug/l	99
8) Diethyl Ether	2.18	74	36650	19.820	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45086	19.708	ug/l	88
10) Methyl Iodide	2.51	142	53731	18.513	ug/l	97
11) Tert butyl alcohol	3.04	59	70464	100.041	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46474	19.680	ug/l	91
13) Acrolein	2.29	56	56232	93.426	ug/l	99
14) Allyl chloride	2.73	41	101134	19.359	ug/l	94
15) Acrylonitrile	3.14	53	178560	98.995	ug/l	98
16) Acetone	2.44	43	168974	106.905	ug/l	97
17) Carbon Disulfide	2.57	76	138084	18.287	ug/l	98
18) Methyl Acetate	2.77	43	76367	19.302	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	167849	19.735	ug/l	97
20) Methylene Chloride	2.85	84	55638	19.553	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	49679	19.429	ug/l	94
22) Diisopropyl ether	3.85	45	205377	20.191	ug/l #	84
23) Vinyl Acetate	3.81	43	914363	101.815	ug/l	96
24) 1,1-Dichloroethane	3.70	63	102102	19.688	ug/l	98
25) 2-Butanone	4.67	43	265411	101.978	ug/l	97
26) 2,2-Dichloropropane	4.58	77	68555	20.518	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	57236	19.543	ug/l	90
28) Bromochloromethane	5.01	49	54170	20.924	ug/l #	78
29) Tetrahydrofuran	5.13	42	171568	99.280	ug/l	96
30) Chloroform	5.21	83	93936	20.091	ug/l	99
31) Cyclohexane	5.58	56	98992	19.906	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	72586	19.622	ug/l	96
36) 1,1-Dichloropropene	5.80	75	71530	19.630	ug/l	96
37) Ethyl Acetate	4.83	43	99199	20.114	ug/l	98
38) Carbon Tetrachloride	5.79	117	61458	19.675	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87974	19.696	ug/l	93
40) Benzene	6.14	78	220898	19.905	ug/l	100
41) Methacrylonitrile	5.04	41	55669	20.709	ug/l	97
42) 1,2-Dichloroethane	6.19	62	78591	19.515	ug/l	97
43) Isopropyl Acetate	6.45	43	153575	19.998	ug/l	97
44) Trichloroethene	7.21	130	49868	19.350	ug/l	90
45) 1,2-Dichloropropane	7.51	63	63753	20.293	ug/l	100
46) Dibromomethane	7.66	93	36163	19.396	ug/l #	84
47) Bromodichloromethane	7.90	83	70143	19.724	ug/l	99
48) Methyl methacrylate	7.77	41	77749	20.064	ug/l	94
49) 1,4-Dioxane	7.74	88	31743	406.002	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	513949	102.000	ug/l	97
52) Toluene	8.78	92	131956	20.278	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74945	19.601	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	85826	19.798	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	53606	19.832	ug/l	97
56) Ethyl methacrylate	9.18	69	96918	20.254	ug/l	91
57) 1,3-Dichloropropane	9.37	76	95607	19.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	261692	101.429	ug/l	92
59) 2-Hexanone	9.49	43	396942	102.622	ug/l	96
60) Dibromochloromethane	9.58	129	49468	19.717	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55079	20.078	ug/l	99
64) Tetrachloroethene	9.34	164	40494	19.536	ug/l	97
65) Chlorobenzene	10.13	112	133108	20.024	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45746	19.844	ug/l	98
67) Ethyl Benzene	10.25	91	251206	20.182	ug/l	97
68) m/p-Xylenes	10.36	106	183621	41.058	ug/l	93
69) o-Xylene	10.69	106	88641	20.270	ug/l	93
70) Styrene	10.71	104	153796	20.279	ug/l	96
71) Bromoform	10.85	173	35194	19.819	ug/l #	98
73) Isopropylbenzene	11.02	105	235650	20.372	ug/l	98
74) N-amyl acetate	10.90	43	139749	20.635	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	91069	19.765	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	76492m	19.937	ug/l	
77) Bromobenzene	11.26	156	54354	19.859	ug/l	80
78) n-propylbenzene	11.36	91	278914	20.572	ug/l	95
79) 2-Chlorotoluene	11.42	91	165847	20.082	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	200714	20.397	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	25692	19.083	ug/l #	82
82) 4-Chlorotoluene	11.51	91	190283	19.996	ug/l	94
83) tert-Butylbenzene	11.77	119	189293	20.201	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	201431	20.512	ug/l	97
85) sec-Butylbenzene	11.94	105	229336	20.421	ug/l	96
86) p-Isopropyltoluene	12.06	119	205931	20.804	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	96830	19.698	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	98516	19.696	ug/l	96
89) n-Butylbenzene	12.38	91	190204	20.127	ug/l	96
90) Hexachloroethane	12.60	117	32131	19.651	ug/l	79
91) 1,2-Dichlorobenzene	12.39	146	98165	19.717	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20598	20.975	ug/l	74

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Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65314	19.454	ug/l	99
94) Hexachlorobutadiene	13.78	225	31412	19.798	ug/l	98
95) Naphthalene	13.83	128	245296	20.806	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68490	20.217	ug/l	98

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

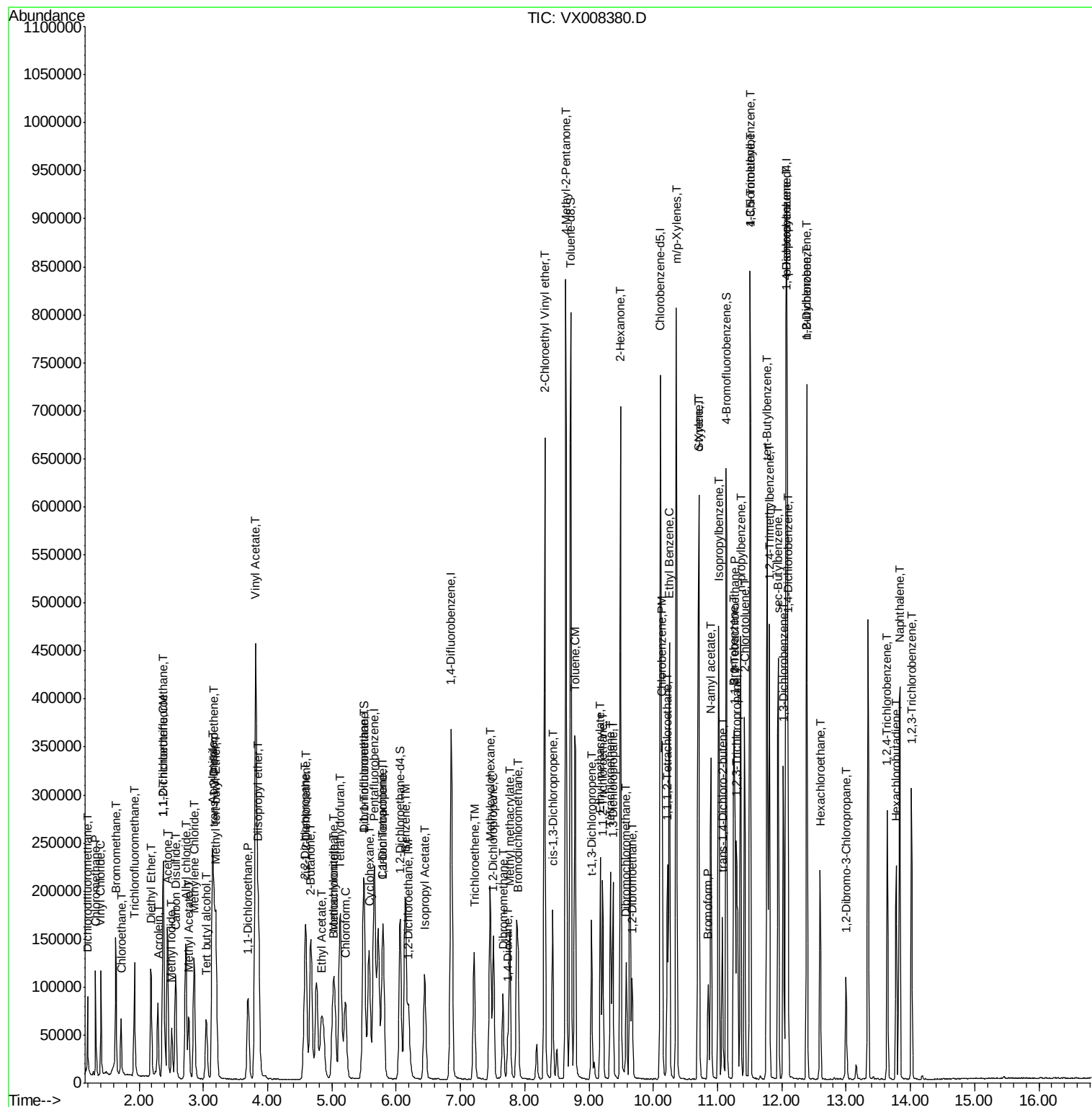
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032419\
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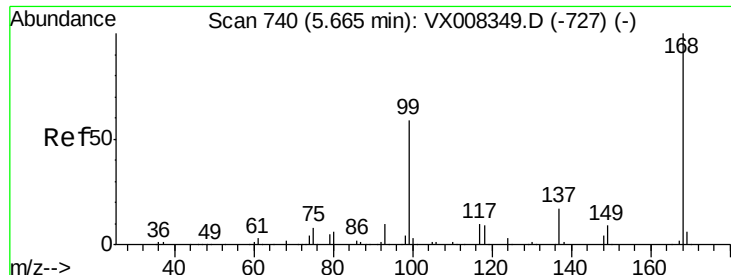
Instrument :
 MSVOA_X
 Client Sampled :
 VX0324WBS01

Manual Integrations
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion:168 Resp: 207331

Ion Ratio Lower Upper

168 100

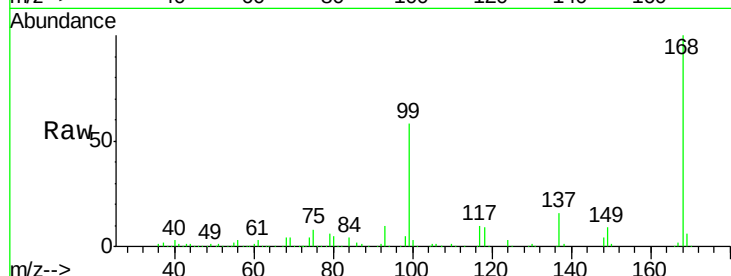
99 57.7 37.6 56.4#

Manual Integrations

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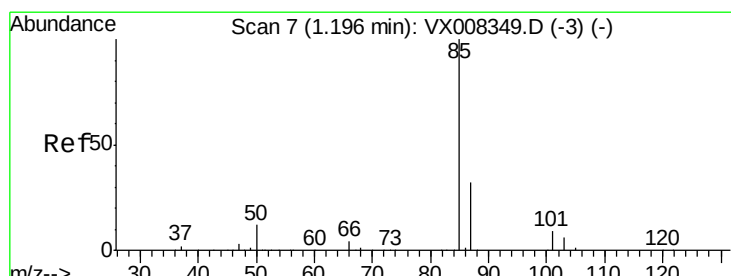
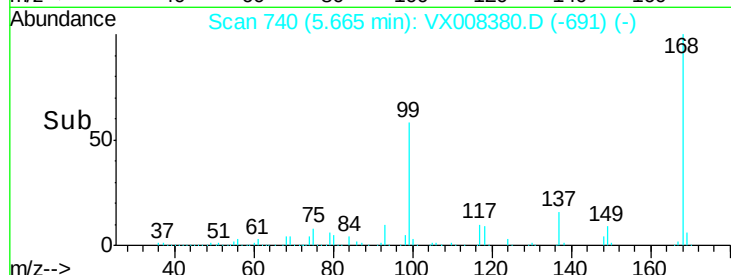
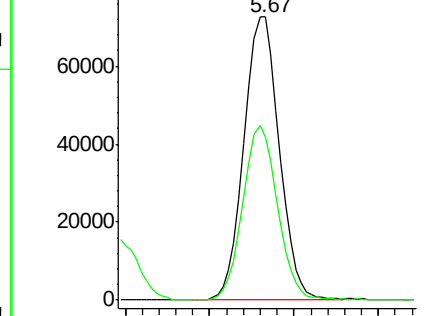
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3/25/2019 11:24:19 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.976 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008380.D

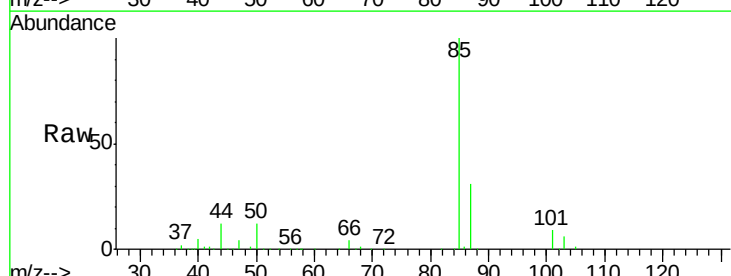
Acq: 24 Mar 2019 10:39

Tgt Ion: 85 Resp: 46884

Ion Ratio Lower Upper

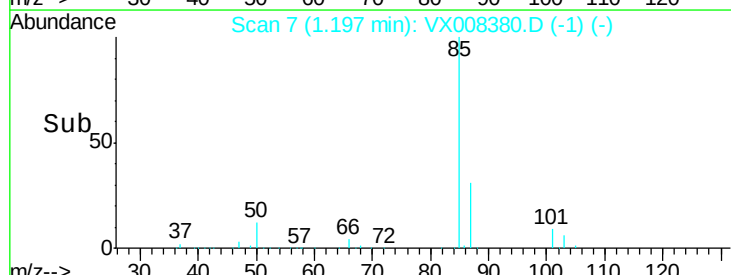
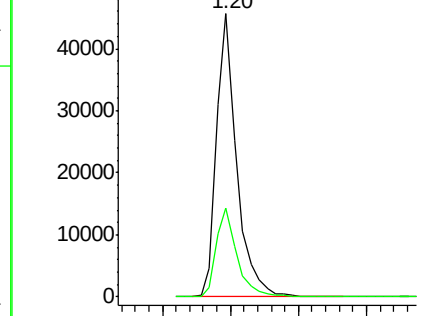
85 100

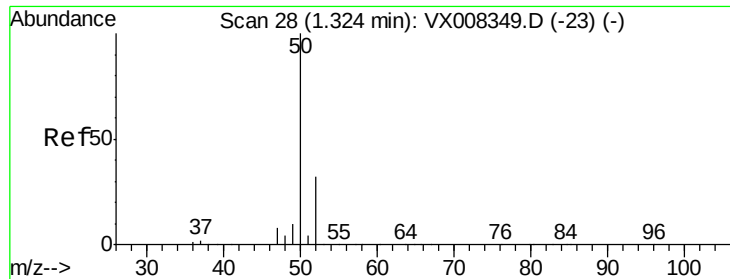
87 31.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.658 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion: 50 Resp: 68397

Ion Ratio Lower Upper

50 100

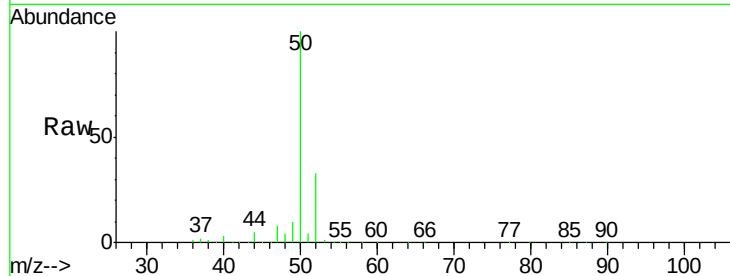
52 32.5 26.5 39.7

Manual Integrations

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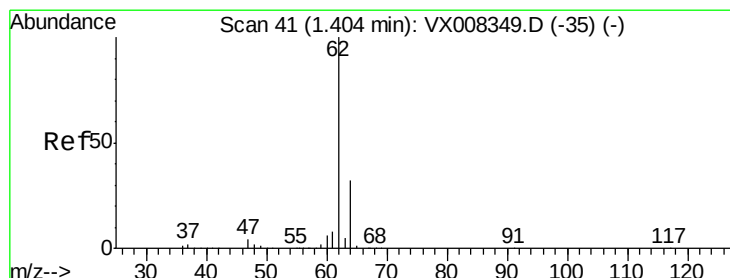
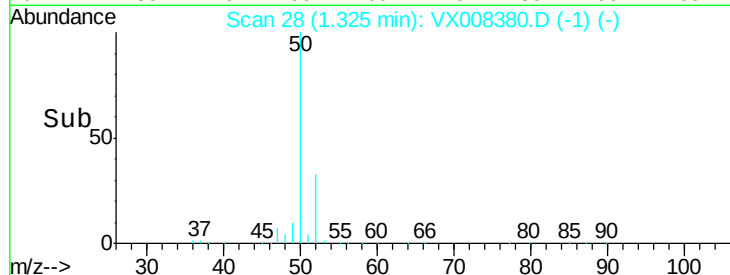
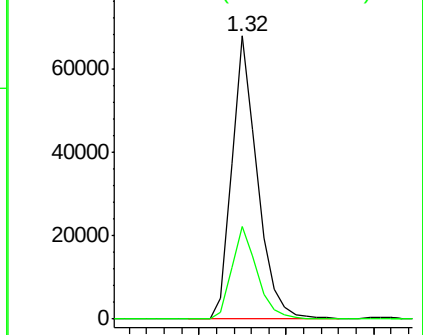
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.039 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008380.D

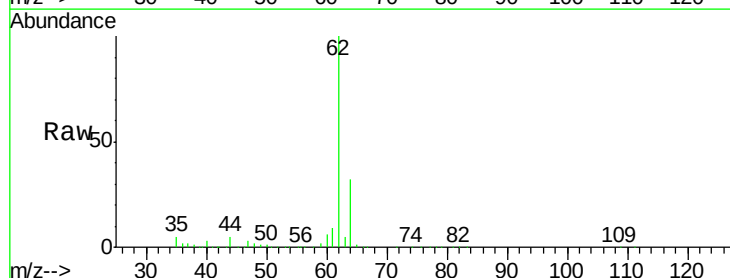
Acq: 24 Mar 2019 10:39

Tgt Ion: 62 Resp: 68049

Ion Ratio Lower Upper

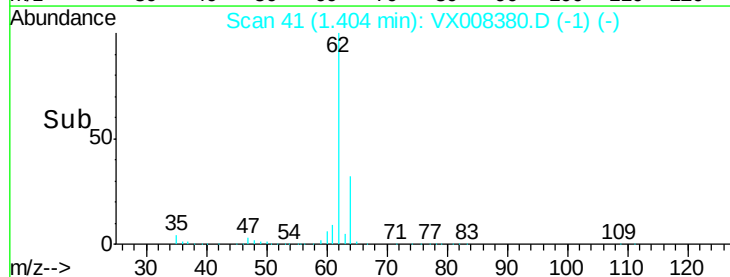
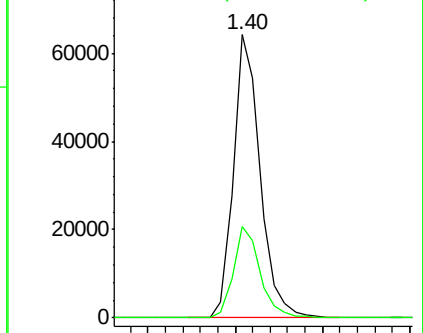
62 100

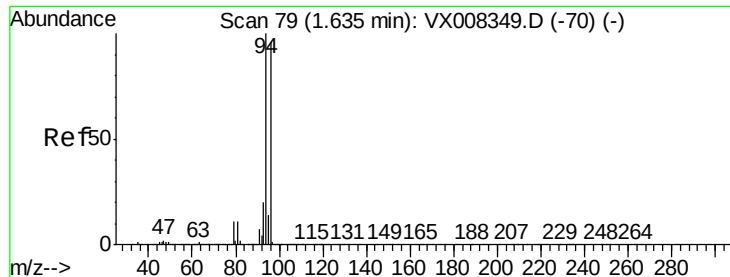
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.781 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion: 94 Resp: 44438

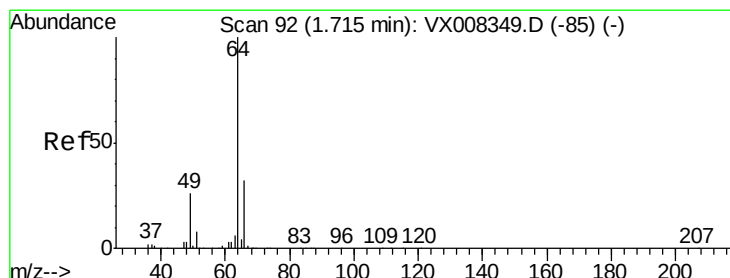
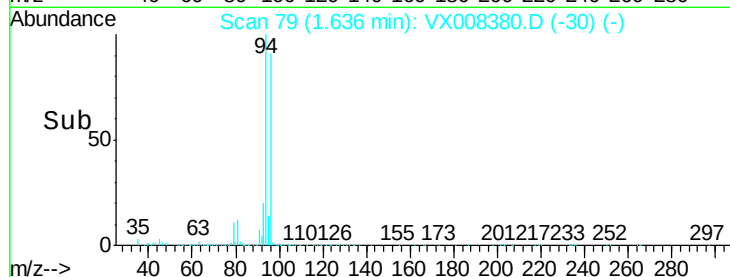
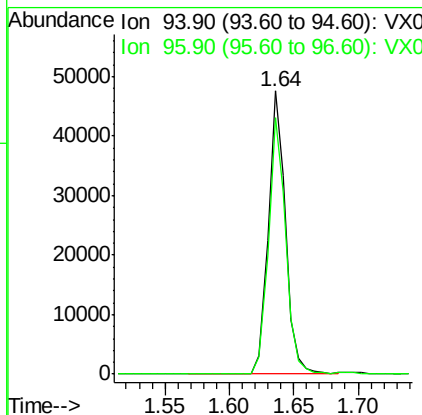
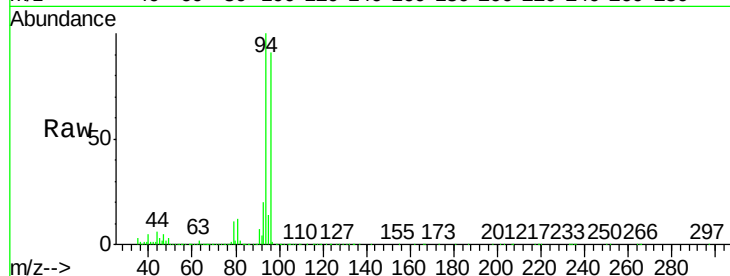
Ion Ratio Lower Upper

94 100

96 90.5 75.5 113.3

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#6

Chloroethane

Concen: 20.441 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008380.D

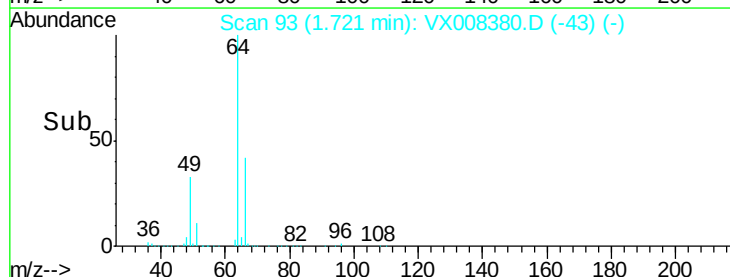
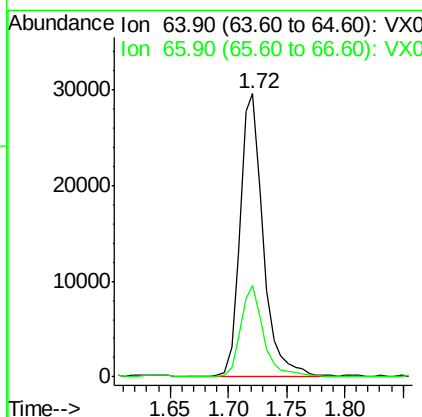
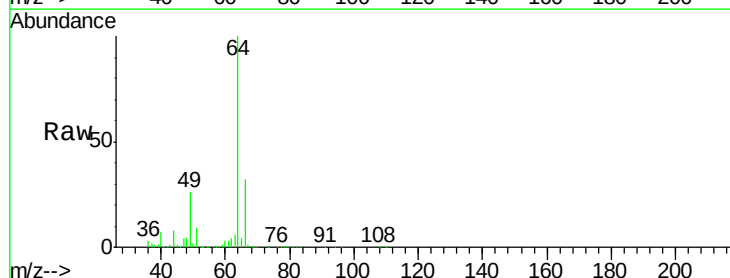
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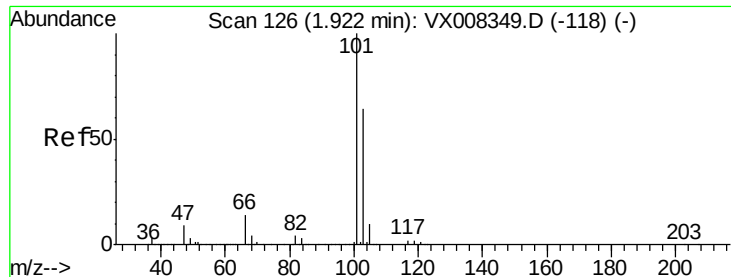
Tgt Ion: 64 Resp: 40654

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8





#7

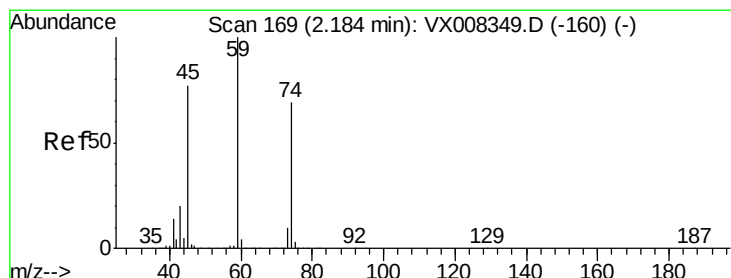
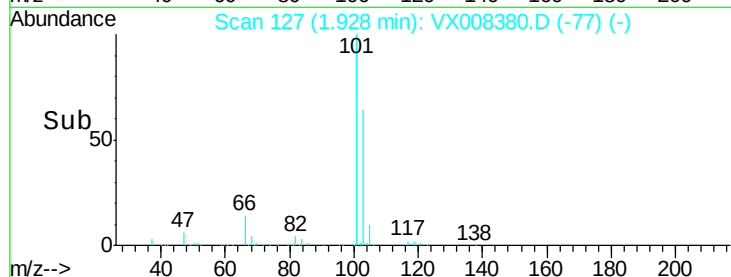
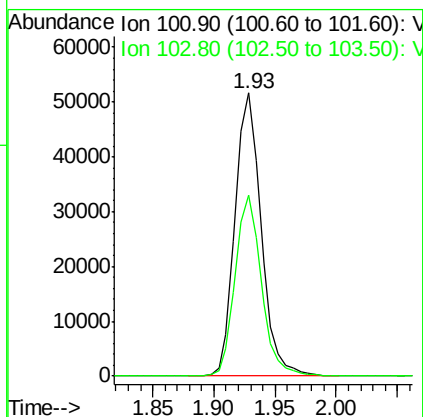
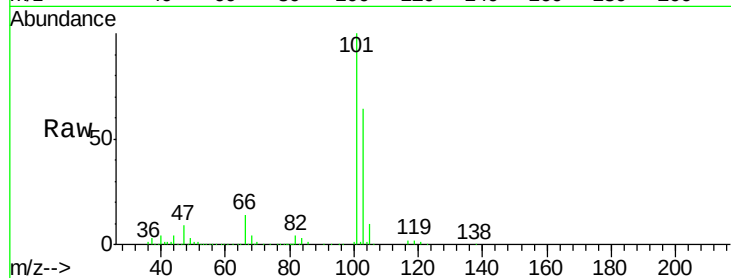
Trichlorofluoromethane
 Concen: 19.760 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.4	75.6

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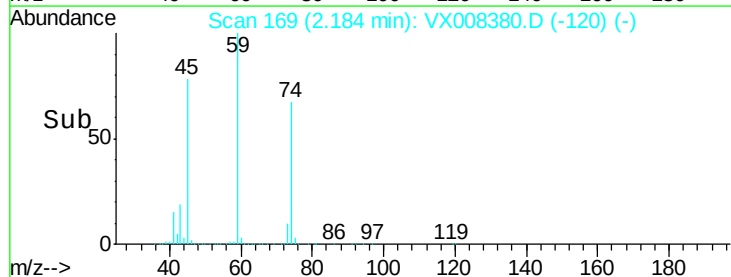
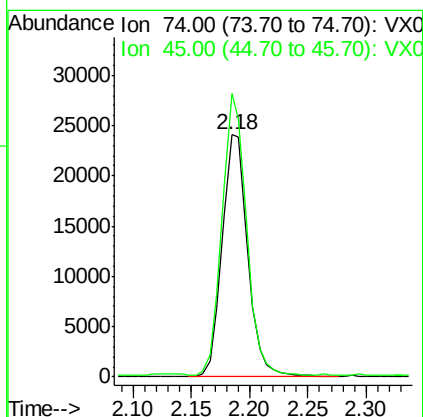
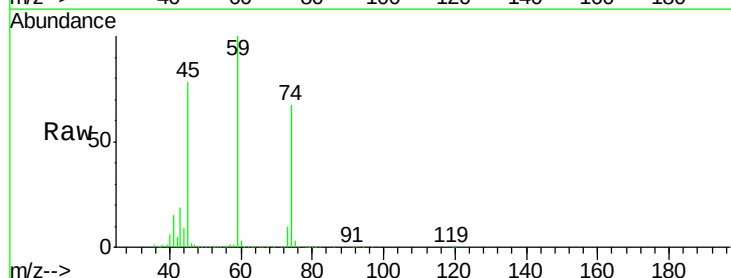
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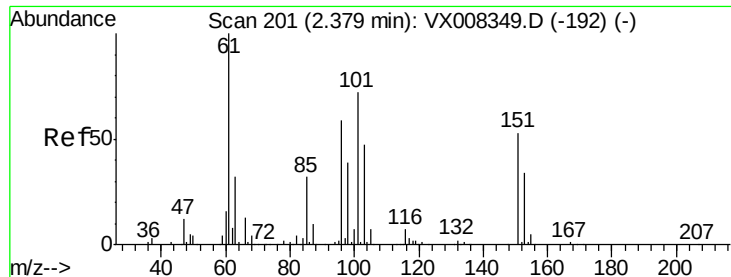


#8

Diethyl Ether
 Concen: 19.820 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.6	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.708 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

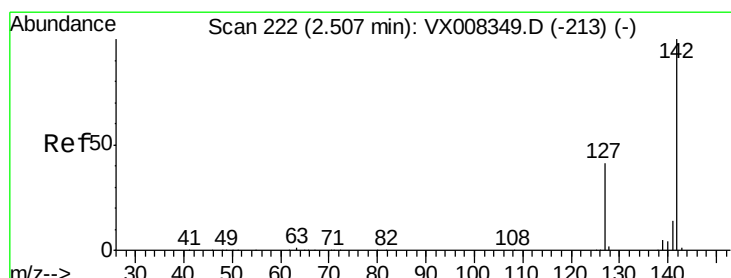
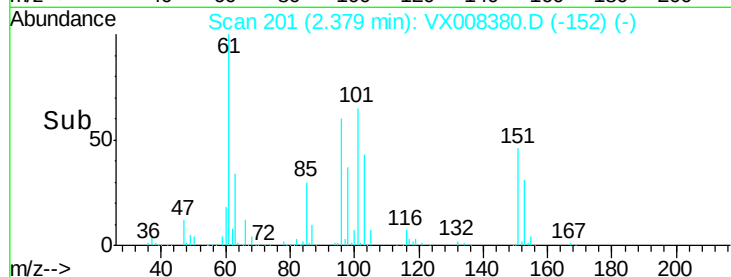
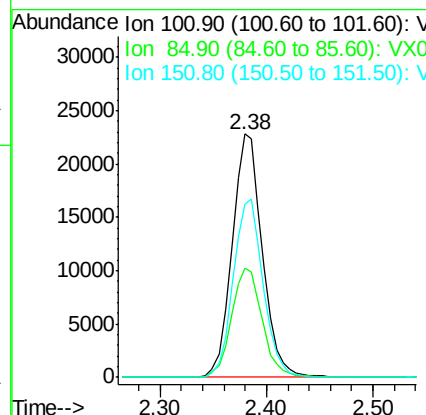
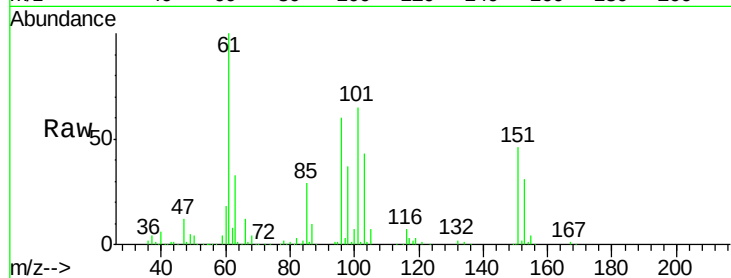
ClientSampleId :

VX0324WBS01

Tot Ion:	101	Resp:	45086
Ion Ratio	Lower	Upper	
101	100		
85	45.9	33.8	50.6
151	72.9	69.1	103.7

Manual Integrations
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#10

Methyl Iodide

Concen: 18.513 ug/l

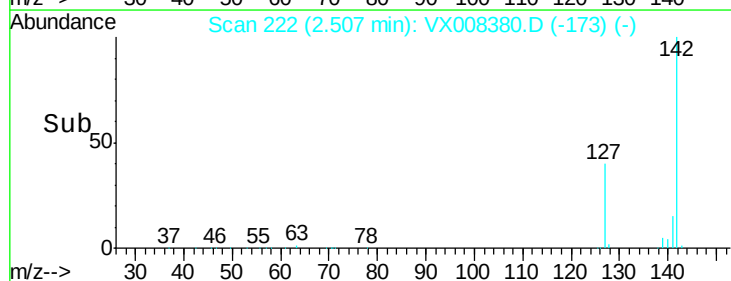
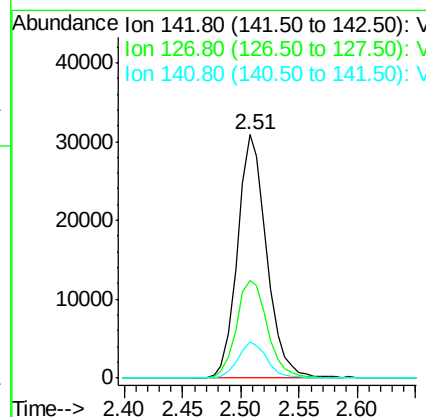
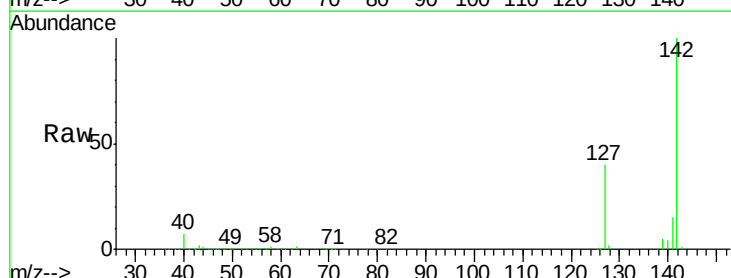
RT: 2.51 min Scan# 222

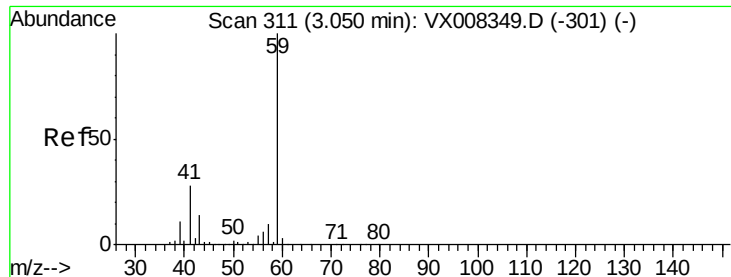
Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Tgt Ion:	142	Resp:	53731
Ion Ratio	Lower	Upper	
142	100		
127	42.8	32.1	48.1
141	14.7	11.4	17.2





#11

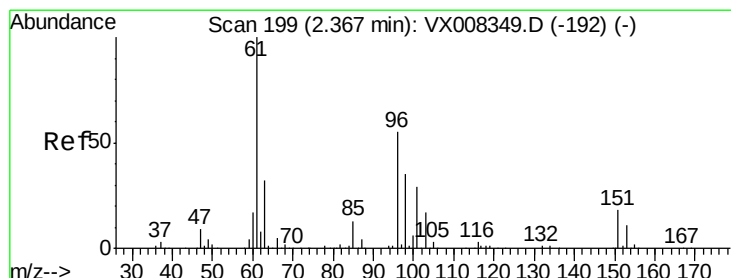
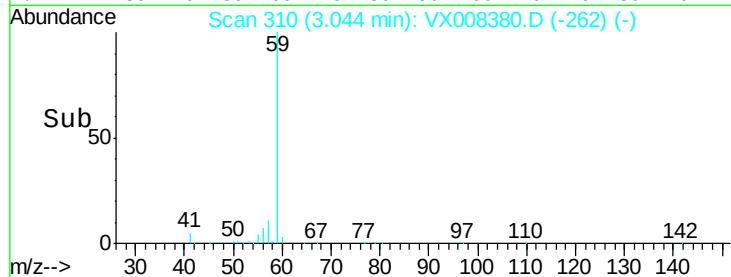
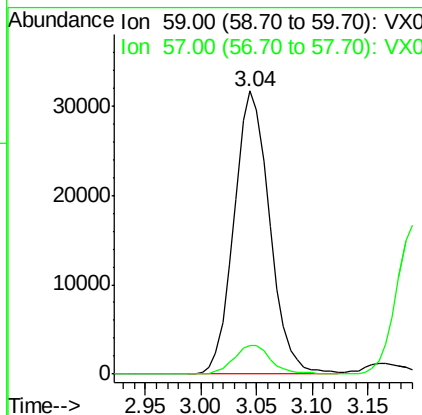
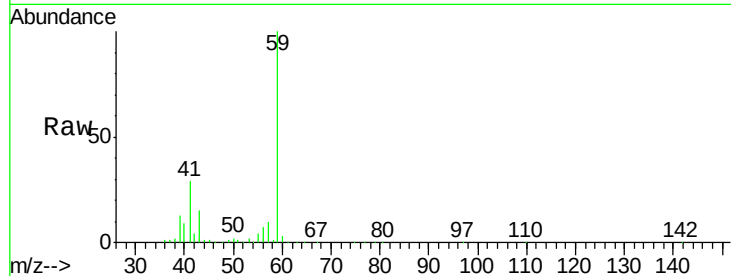
Tert butyl alcohol
 Concen: 100.041 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Instrument :
 MSVOA_X
 ClientSampled :
 VX0324WBS01

Tot Ion	59	Resp	70464
Ion Ratio	100	Lower	Upper
57	10.7	8.2	12.2

Manual Integrations
 APPROVED

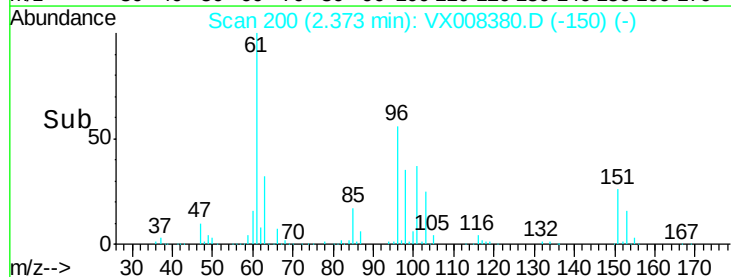
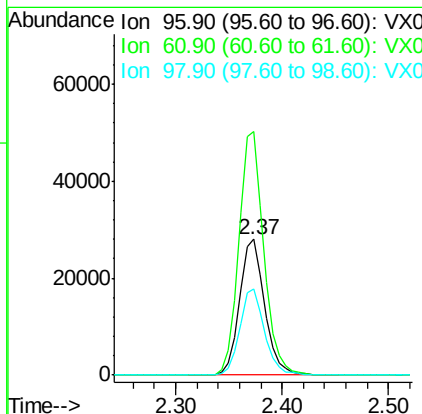
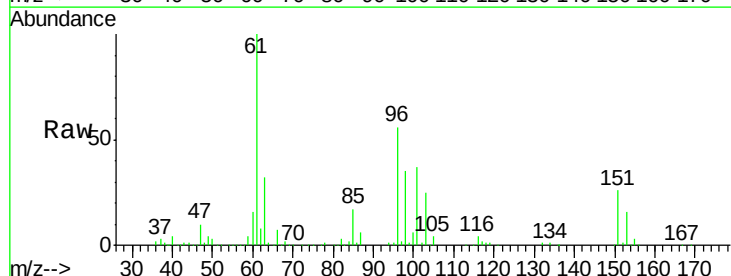
MMDadoda
 3/25/2019 11:24:19 AM

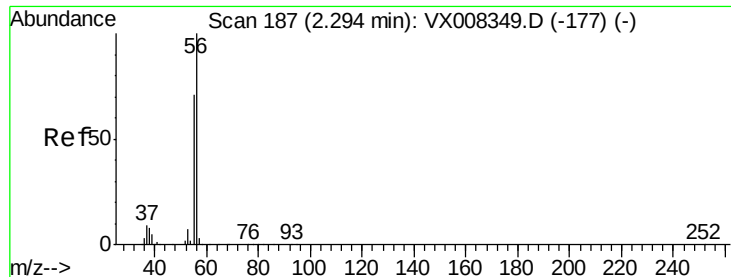


#12

1,1-Dichloroethene
 Concen: 19.680 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Tgt Ion	96	Resp	46474
Ion Ratio	100	Lower	Upper
61	179.3	129.8	194.6
98	63.2	51.0	76.6





#13

Acrolein

Concen: 93.426 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion: 56 Resp: 56232

Ion Ratio Lower Upper

56 100

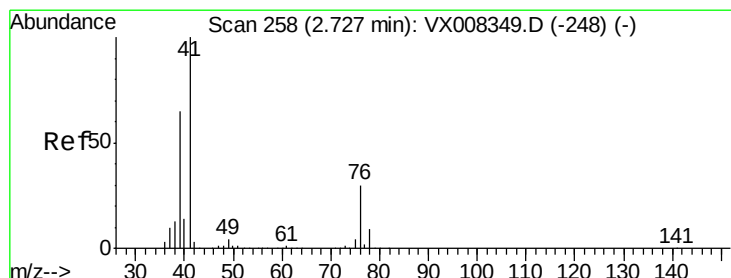
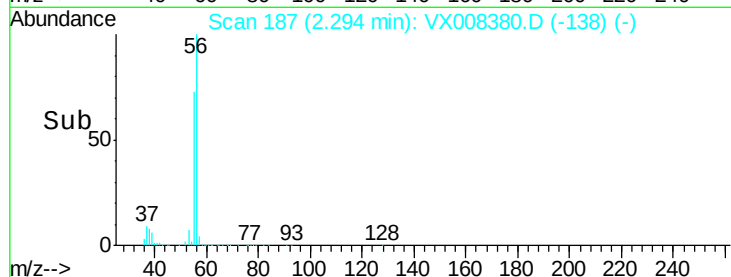
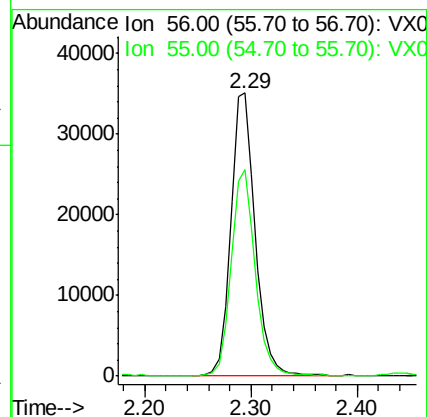
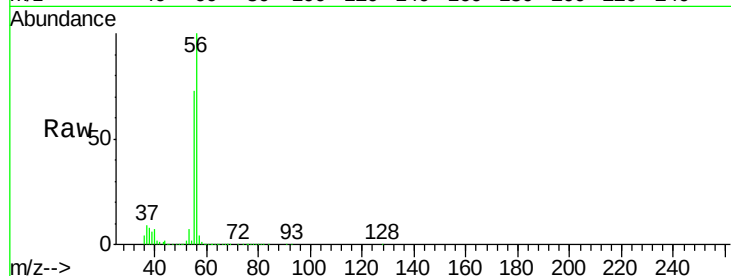
55 71.5 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.359 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

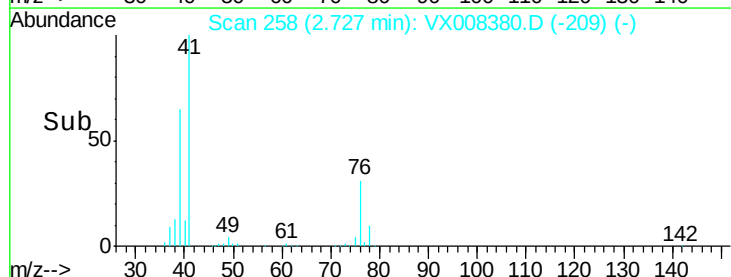
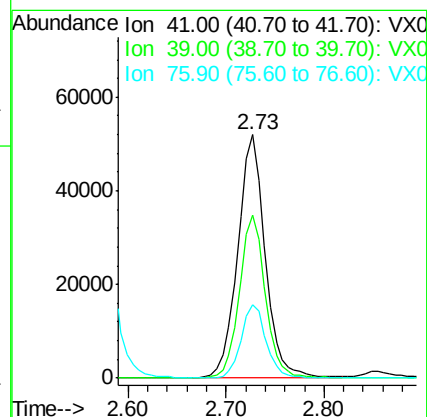
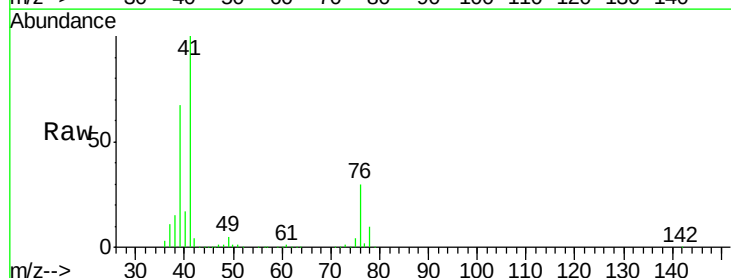
Tgt Ion: 41 Resp: 101134

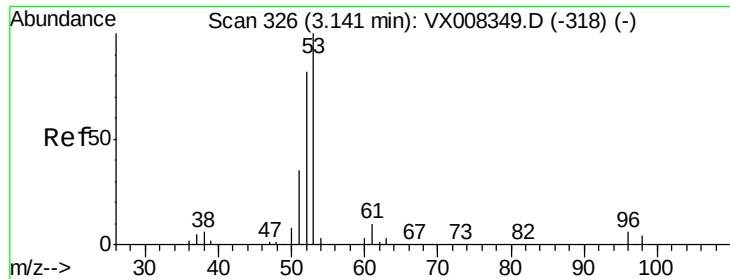
Ion Ratio Lower Upper

41 100

39 62.4 46.1 69.1

76 27.6 24.0 36.0





#15

Acrylonitrile

Concen: 98.995 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

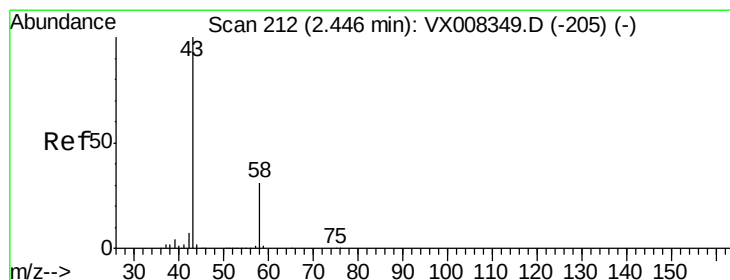
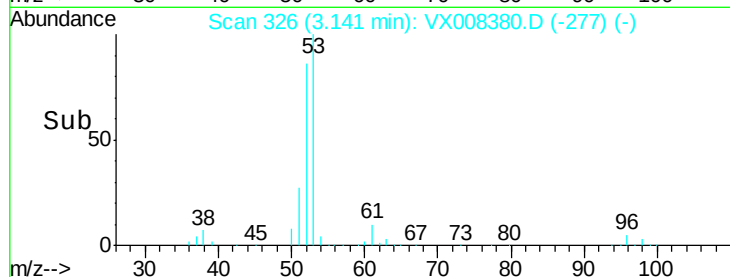
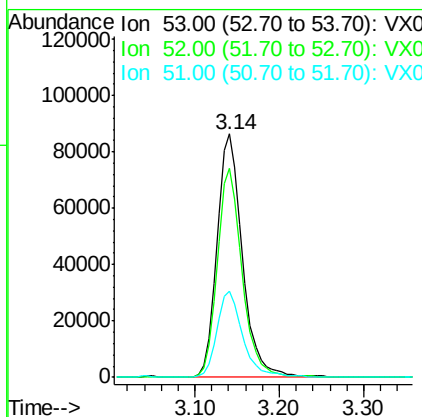
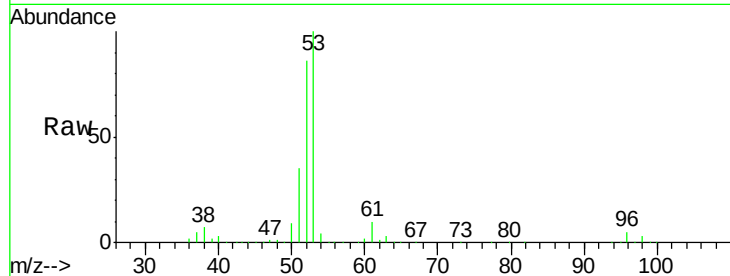
ClientSampleId :

VX0324WBS01

Tot Ion:	53	Resp:	178560
Ion Ratio		Lower	Upper
53	100		
52	84.8	66.0	99.0
51	36.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 106.905 ug/l

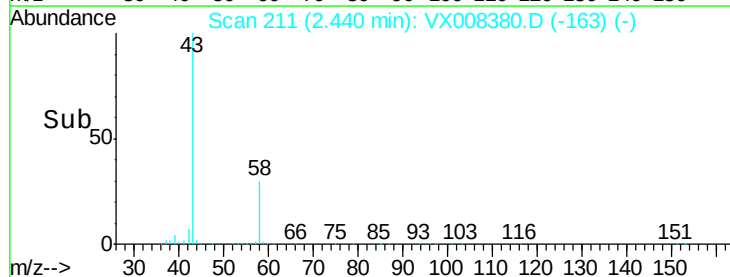
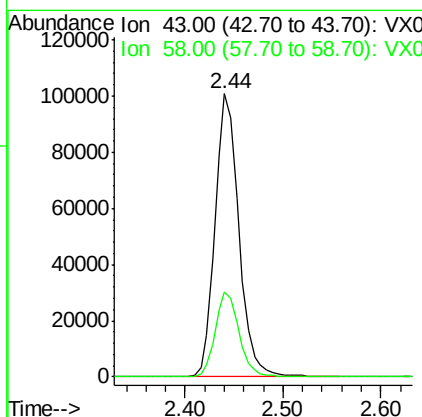
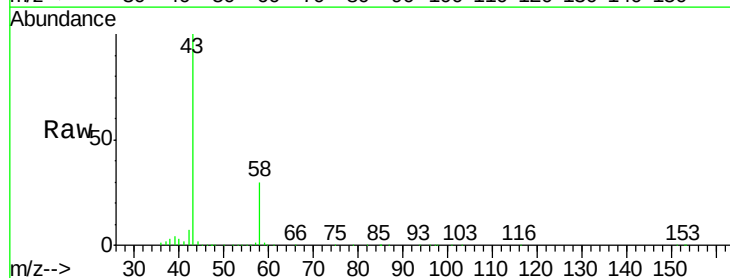
RT: 2.44 min Scan# 211

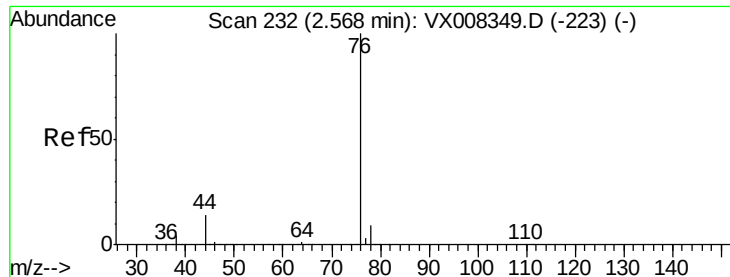
Delta R.T. -0.01 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Tgt Ion:	43	Resp:	168974
Ion Ratio		Lower	Upper
43	100		
58	30.1	25.5	38.3





#17

Carbon Disulfide

Concen: 18.287 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion: 76 Resp: 138084

Ion Ratio Lower Upper

76 100

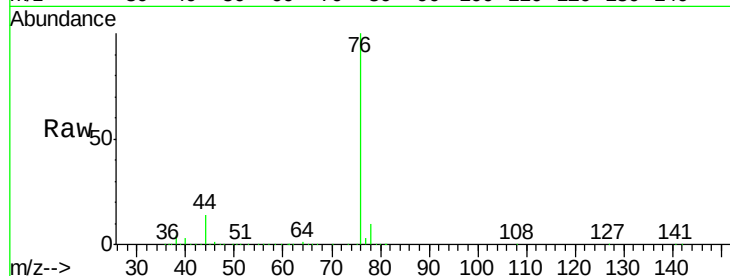
78 9.7 7.2 10.8

Manual Integrations

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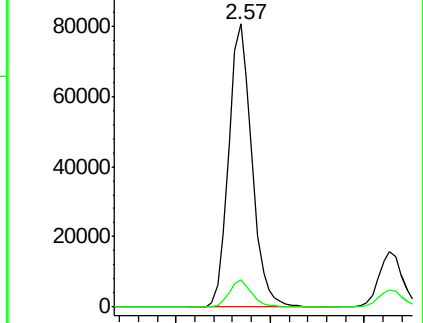
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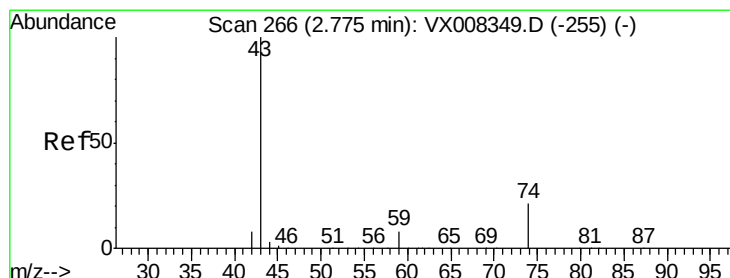
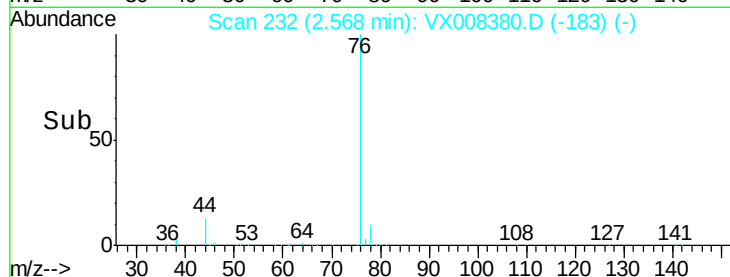


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 19.302 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008380.D

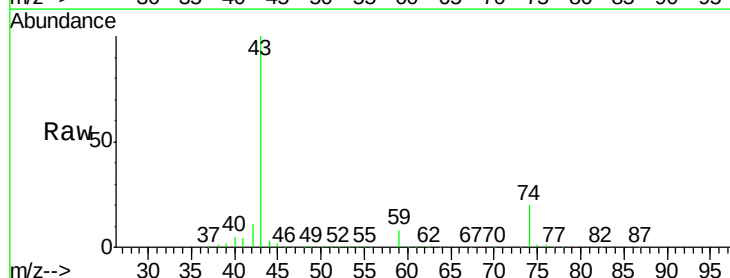
Acq: 24 Mar 2019 10:39

Tgt Ion: 43 Resp: 76367

Ion Ratio Lower Upper

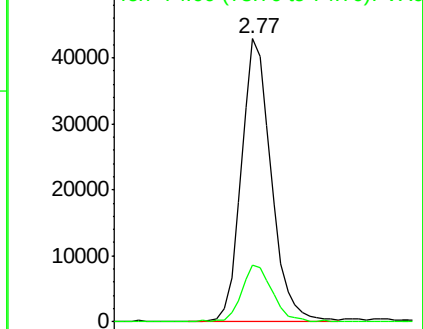
43 100

74 21.2 17.8 26.6

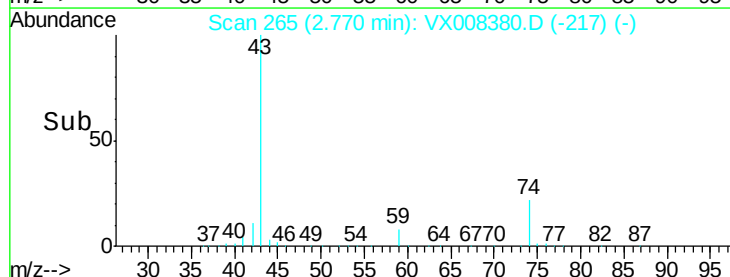


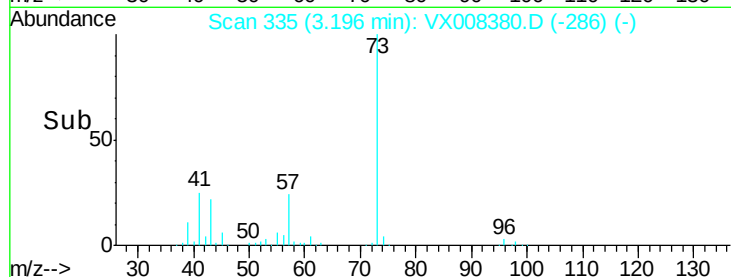
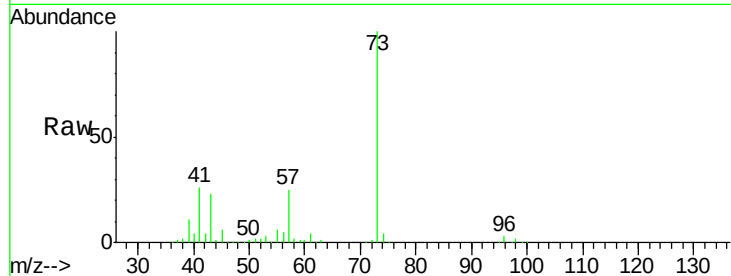
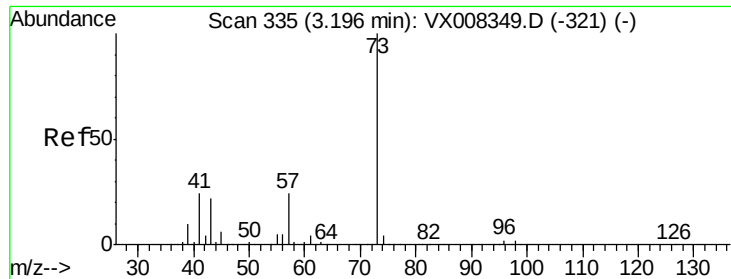
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





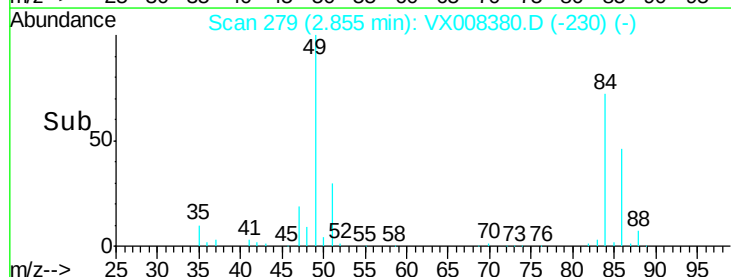
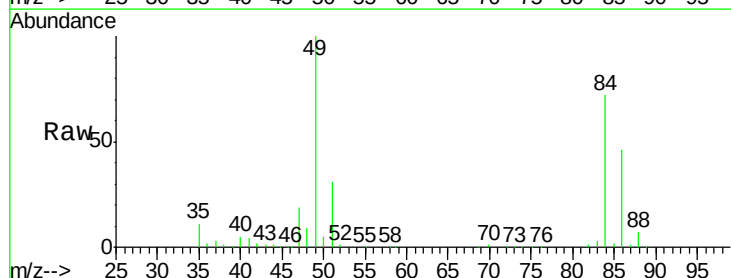
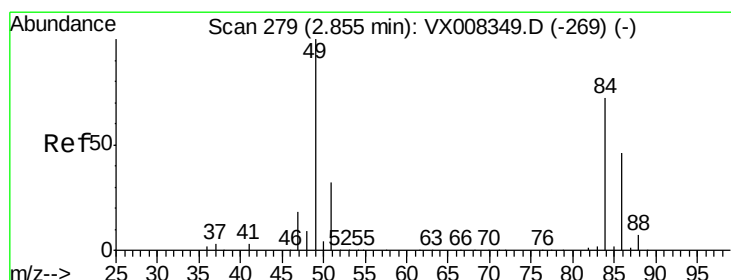
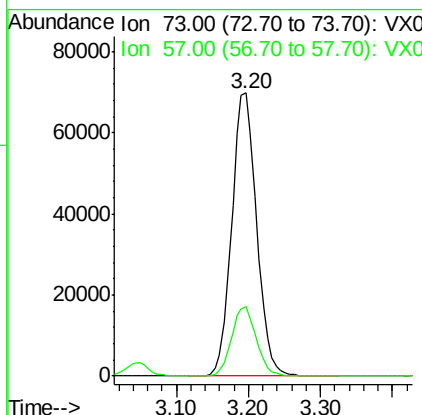
#19
Methyl tert-butyl Ether
Concen: 19.735 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tot Ion: 73 Resp: 167849
Ion Ratio Lower Upper
73 100
57 24.5 18.2 27.4

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

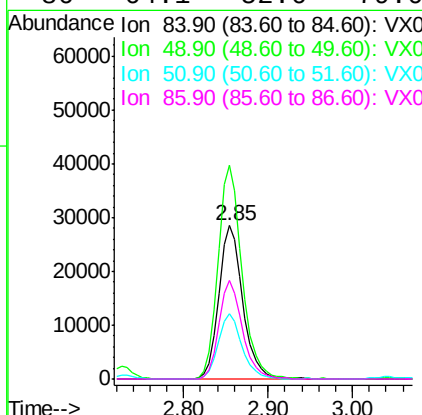
Manual Integrations
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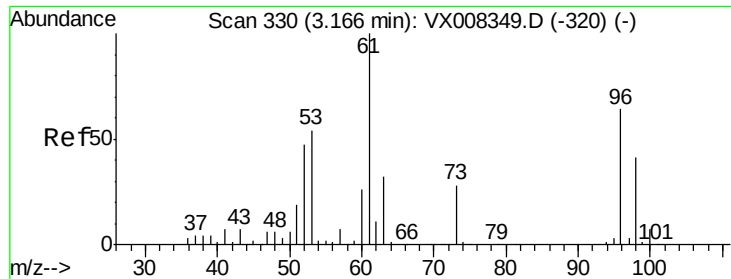
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#20
Methylene Chloride
Concen: 19.553 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion: 84 Resp: 55638
Ion Ratio Lower Upper
84 100
49 139.1 99.3 148.9
51 42.4 31.3 46.9
86 64.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.429 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion: 96 Resp: 49679

Ion Ratio Lower Upper

96 100

61 153.0 114.4 171.6

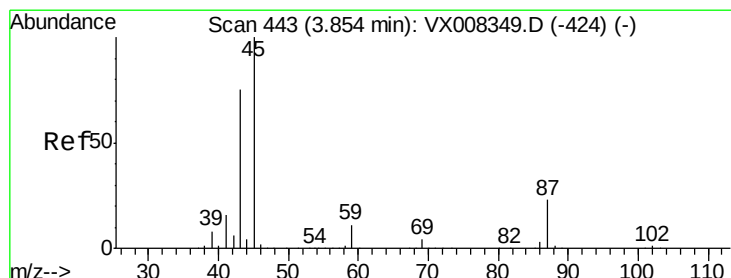
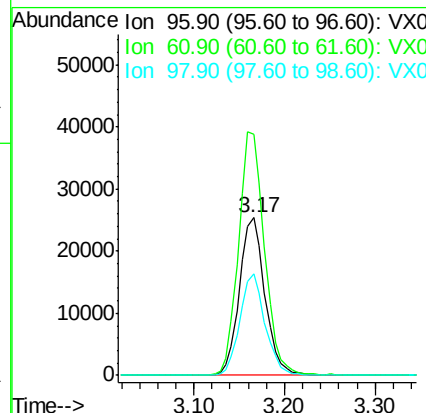
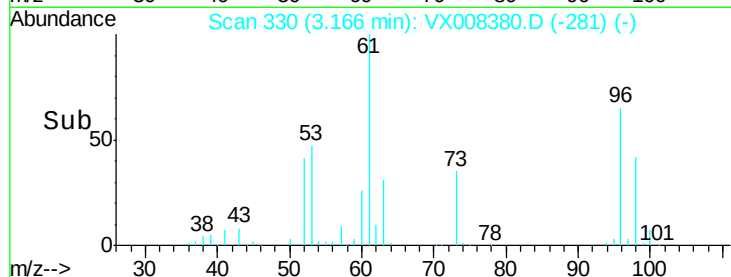
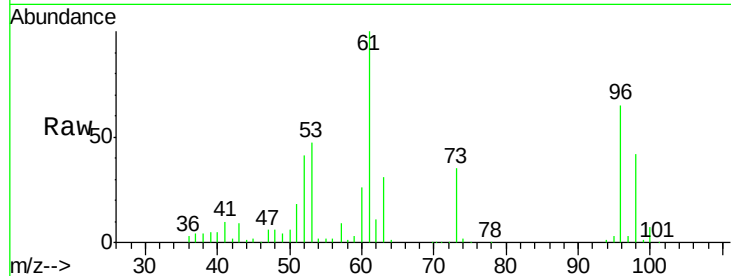
98 64.2 51.1 76.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.191 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Tgt Ion: 45 Resp: 205377

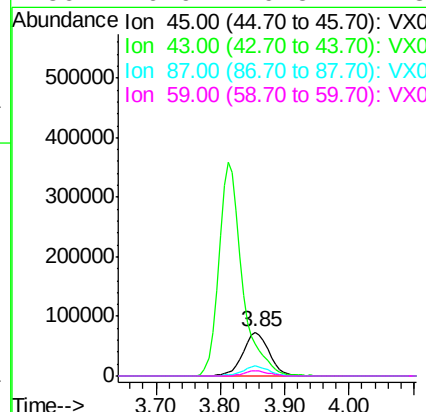
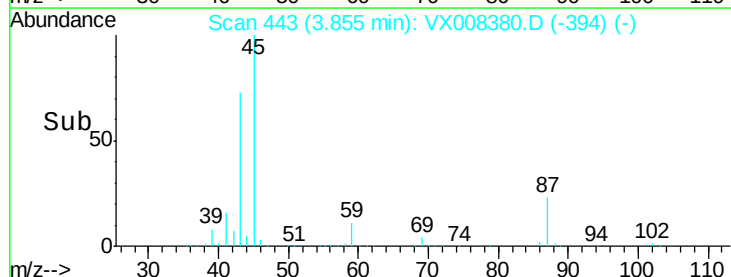
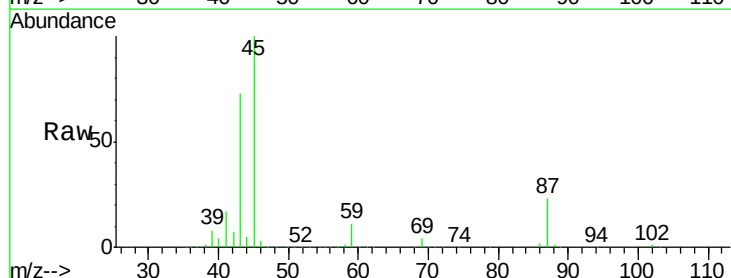
Ion Ratio Lower Upper

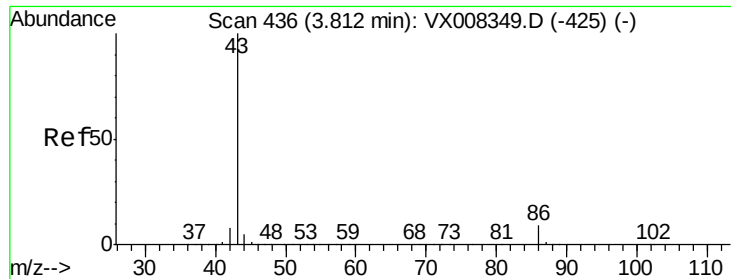
45 100

43 72.6 45.3 67.9#

87 22.6 21.4 32.0

59 10.9 9.5 14.3





#23

Vinyl Acetate

Concen: 101.815 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampled :

VX0324WBS01

Tot Ion: 43 Resp: 914363

Ion Ratio Lower Upper

43 100

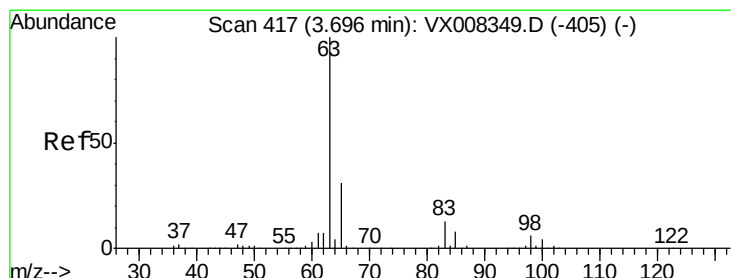
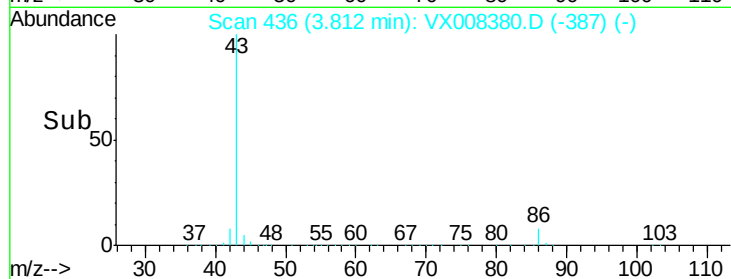
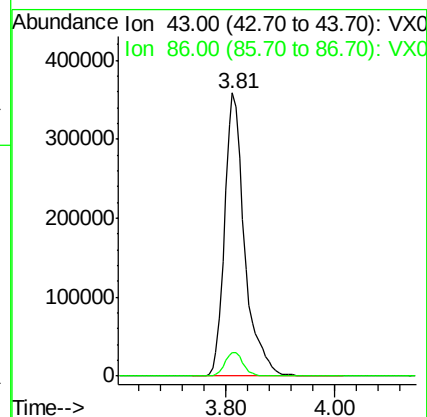
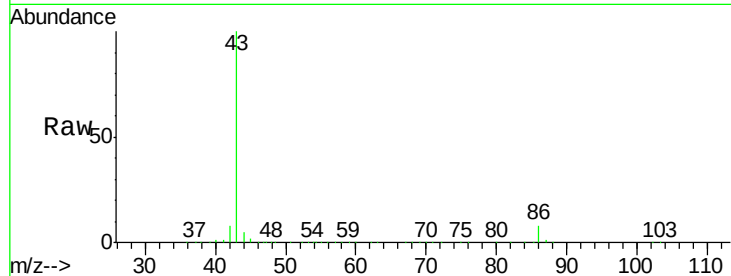
86 8.5 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.688 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

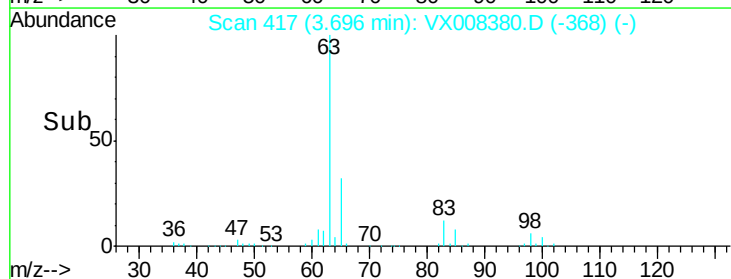
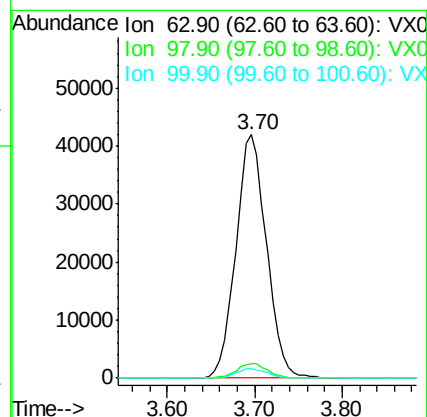
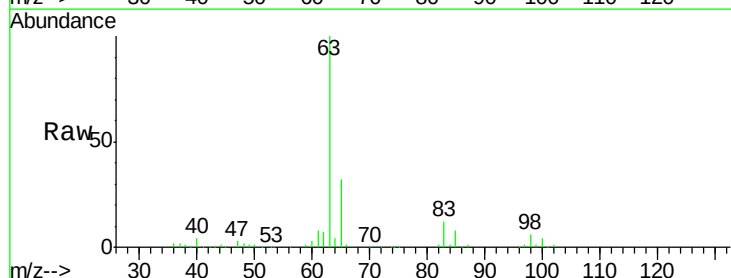
Tgt Ion: 63 Resp: 102102

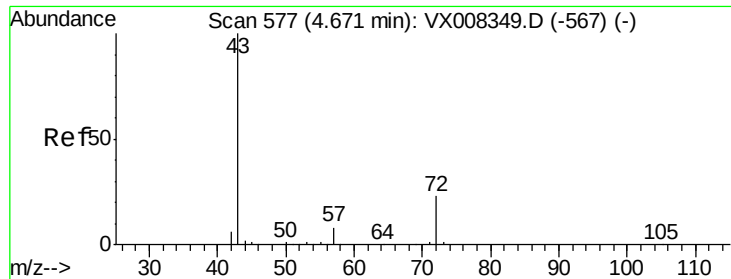
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 3.7 2.3 6.8





#25

2-Butanone

Concen: 101.978 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampled :

VX0324WBS01

Tot Ion: 43 Resp: 265411

Ion Ratio Lower Upper

43 100

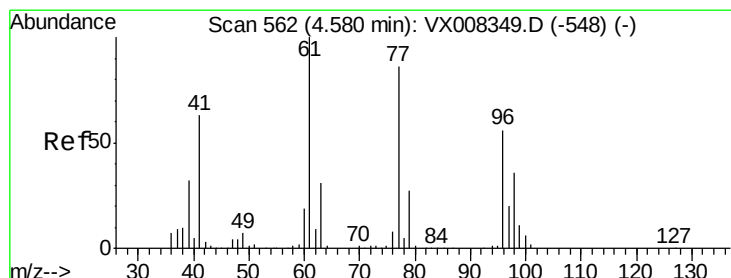
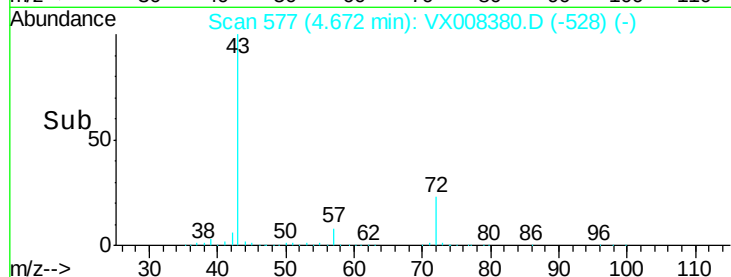
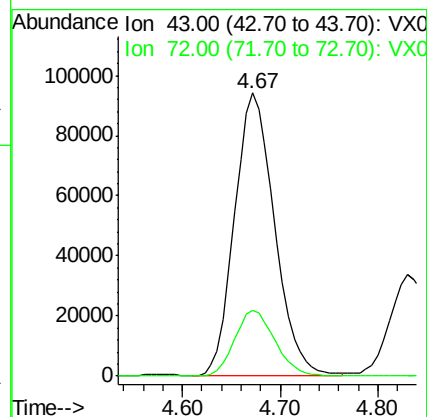
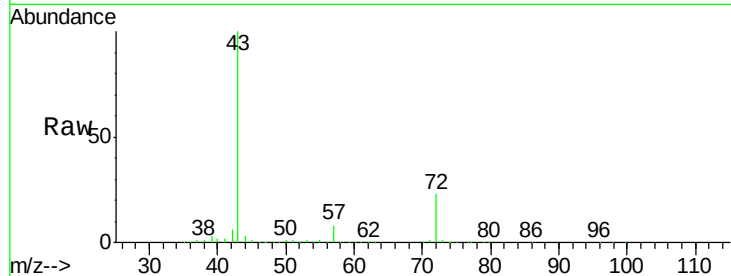
72 23.2 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.518 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX008380.D

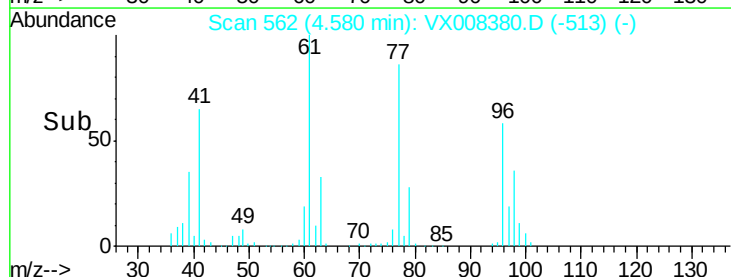
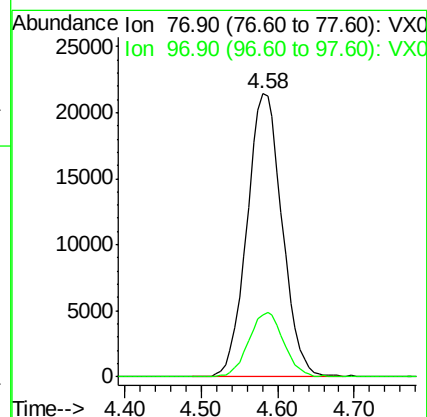
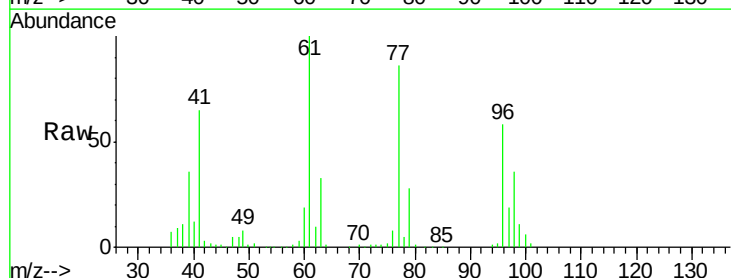
Acq: 24 Mar 2019 10:39

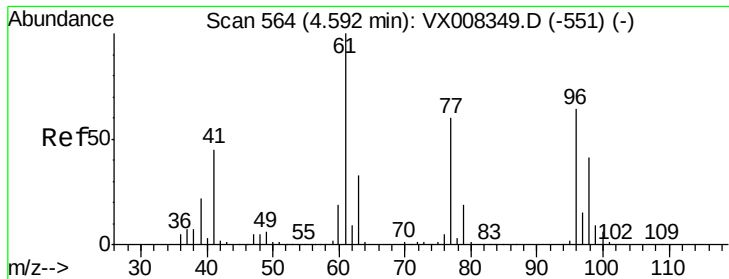
Tgt Ion: 77 Resp: 68555

Ion Ratio Lower Upper

77 100

97 22.7 12.2 36.6





#27

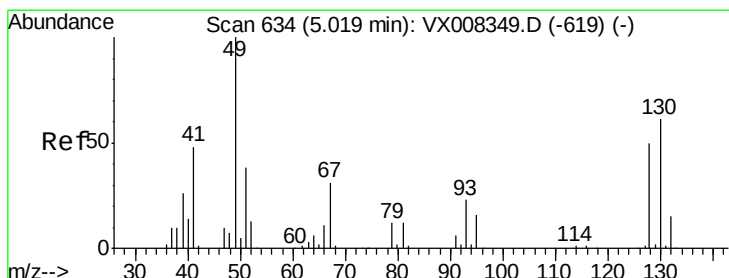
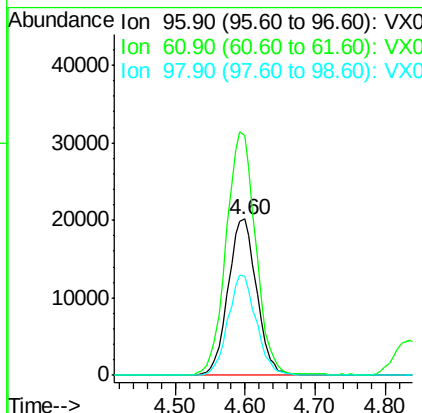
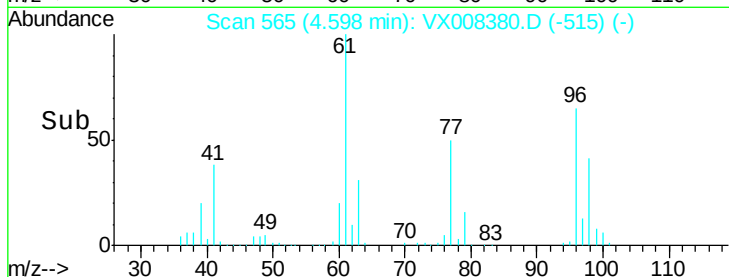
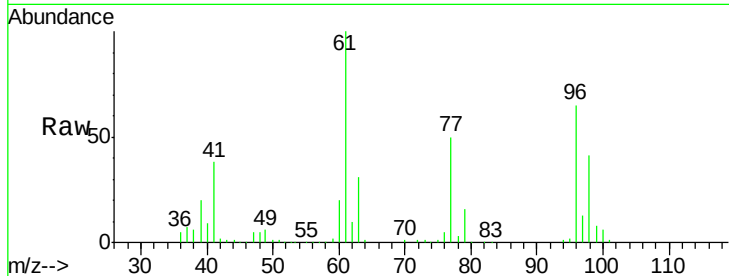
cis-1,2-Dichloroethene
Concen: 19.543 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	57236		
61	161.4		0.0	288.0
98	63.2		0.0	129.0

Manual Integrations
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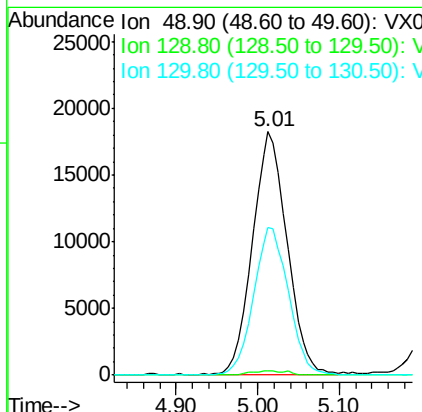
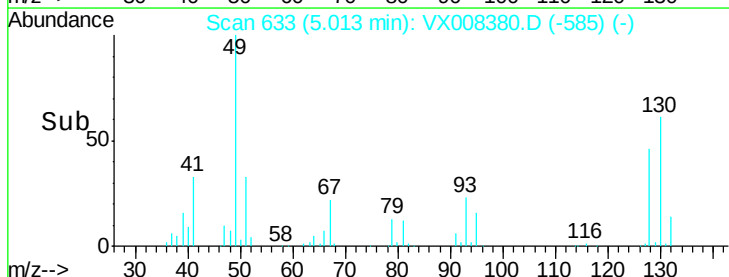
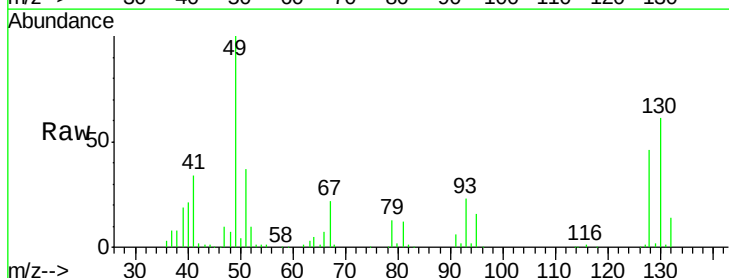
MMDadoda
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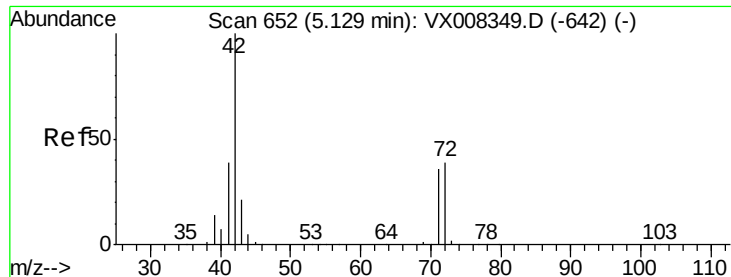


#28

Bromochloromethane
Concen: 20.924 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	54170		
129	1.9		0.0	4.0
130	60.9		65.0	97.4#





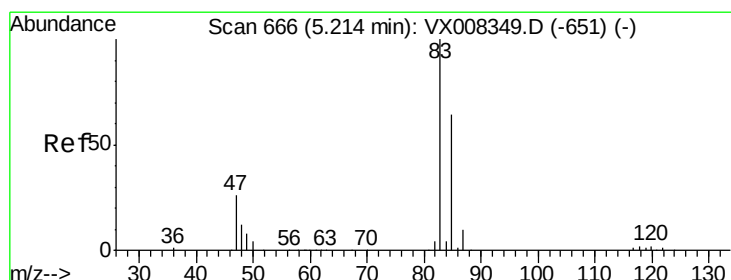
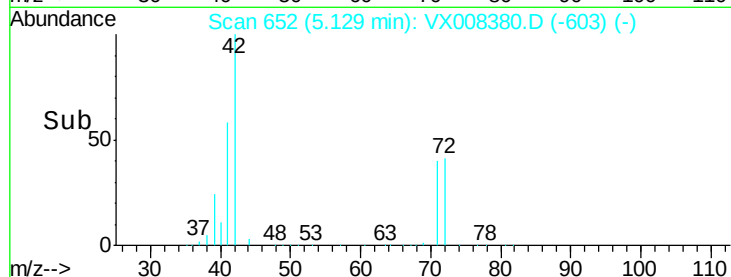
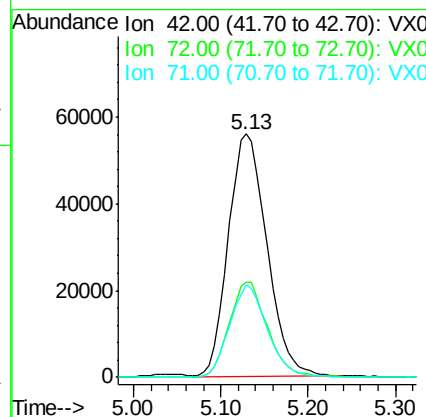
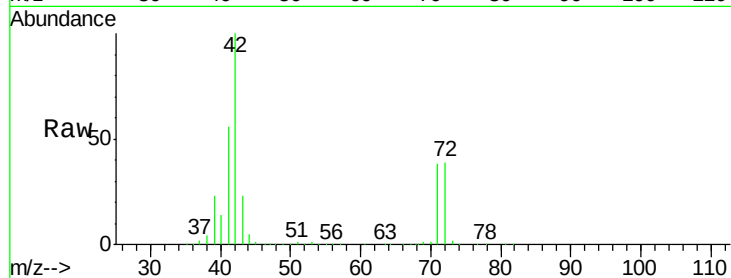
#29
Tetrahydrofuran
Concen: 99.280 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	33.8	50.6
71	37.4	31.5	47.3

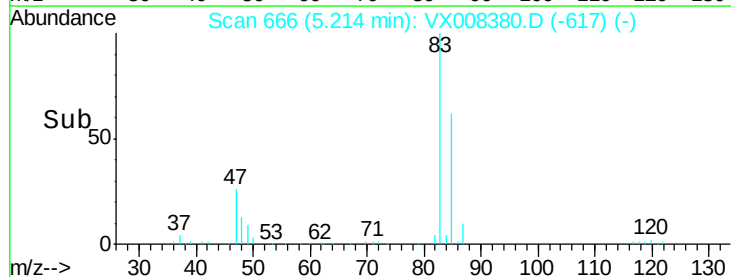
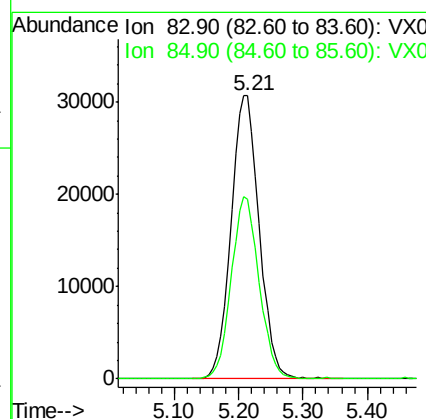
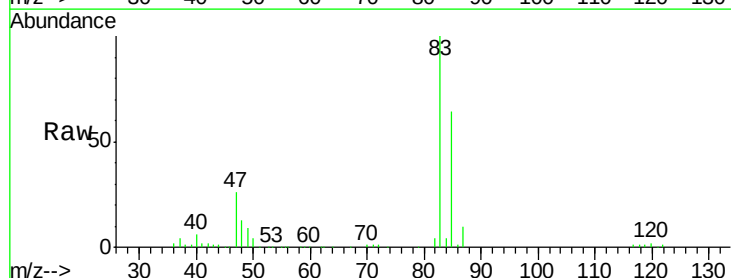
Manual Integrations
APPROVED

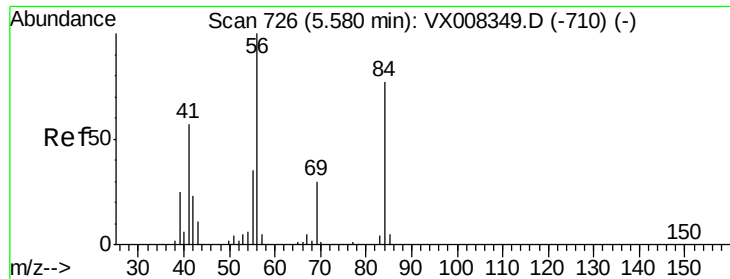
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#30
Chloroform
Concen: 20.091 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.6





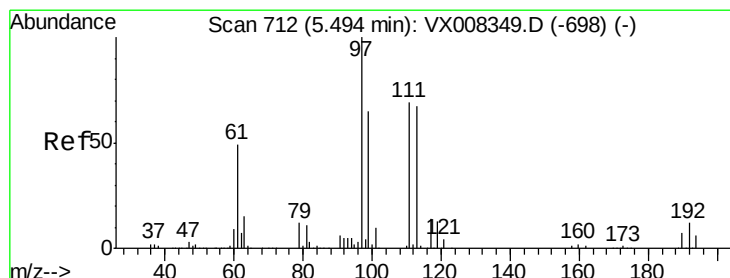
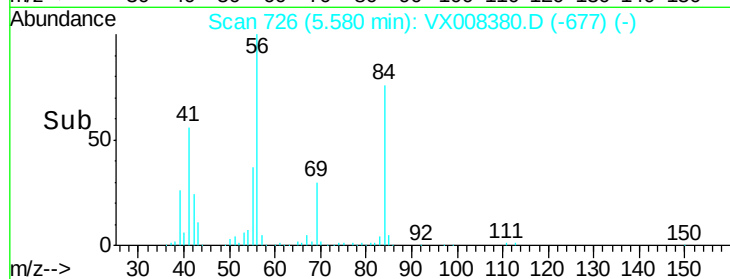
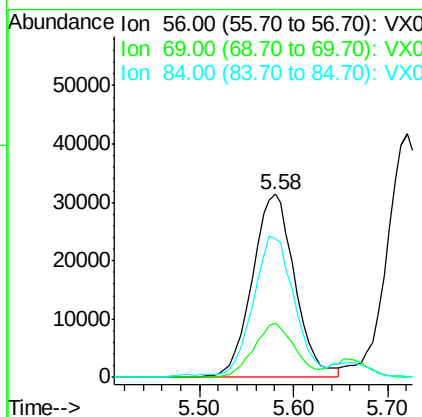
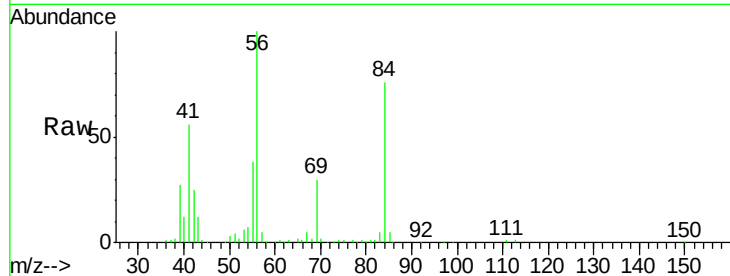
#31
Cyclohexane
Concen: 19.906 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampled :
VX0324WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.0	36.0
84	74.1	65.3	97.9

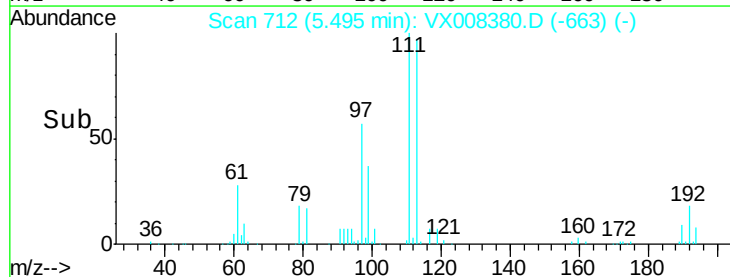
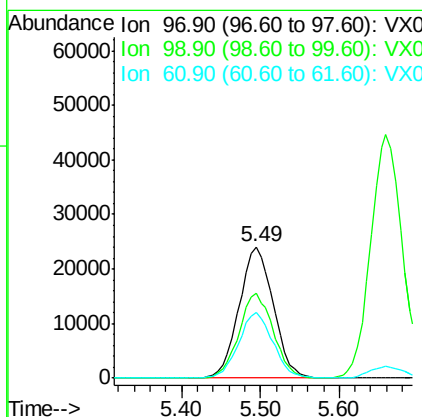
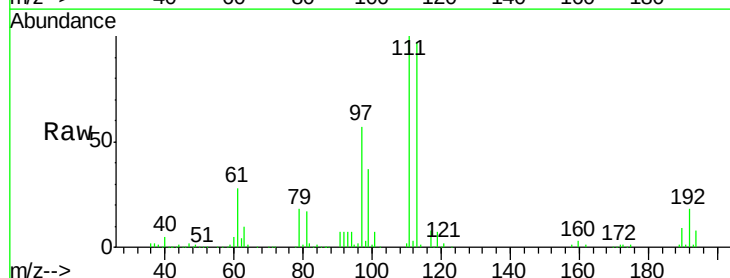
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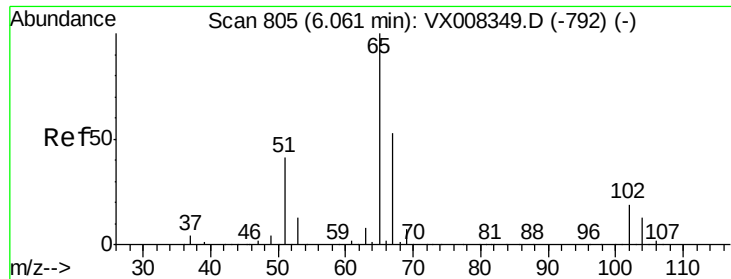
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#32
1,1,1-Trichloroethane
Concen: 19.622 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.2	78.2
61	50.2	34.9	52.3





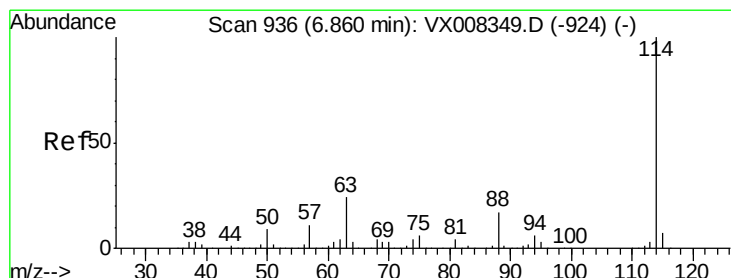
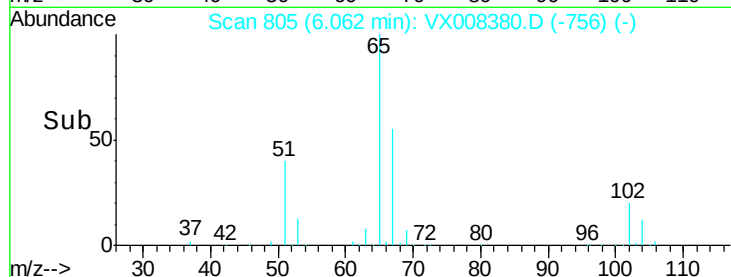
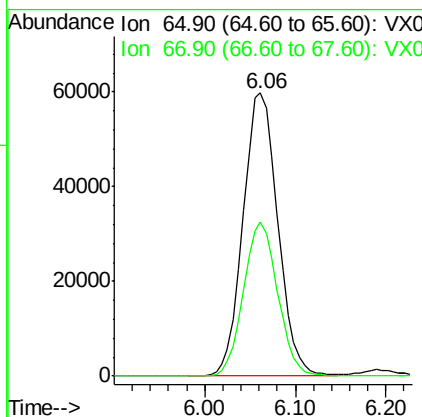
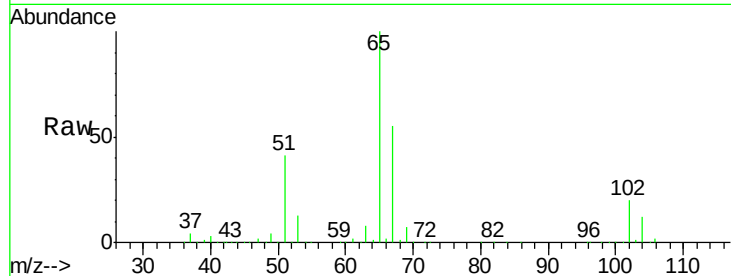
#33
 1,2-Dichloroethane-d4
 Concen: 50.209 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	110.0

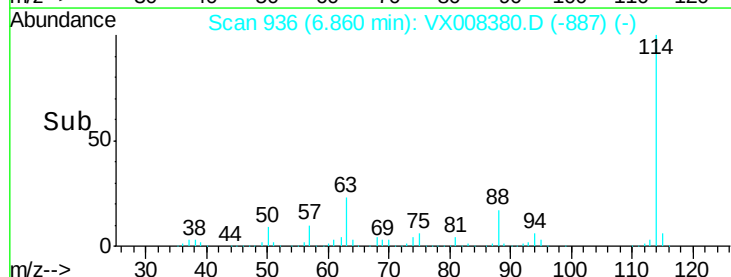
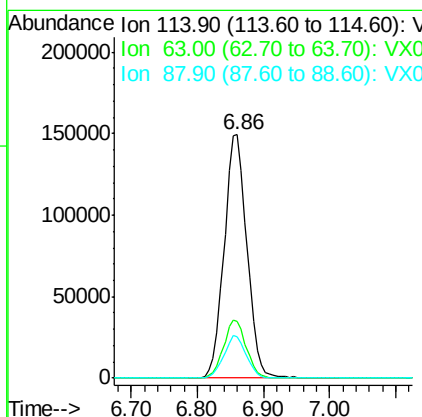
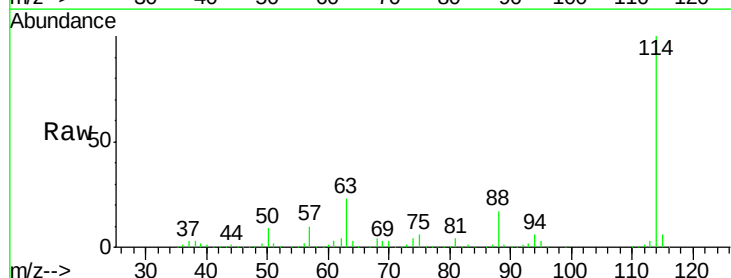
Manual Integrations
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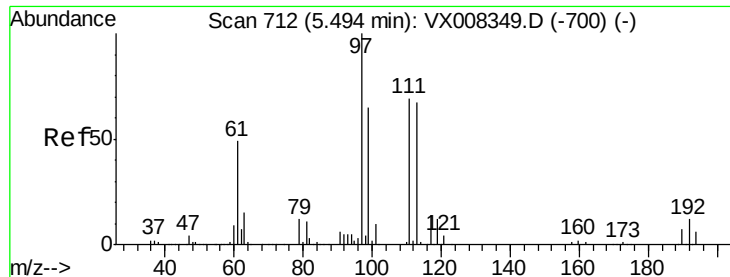
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	39.8
88	17.1	0.0	31.4





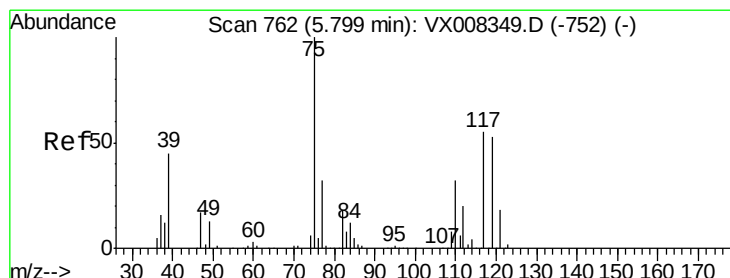
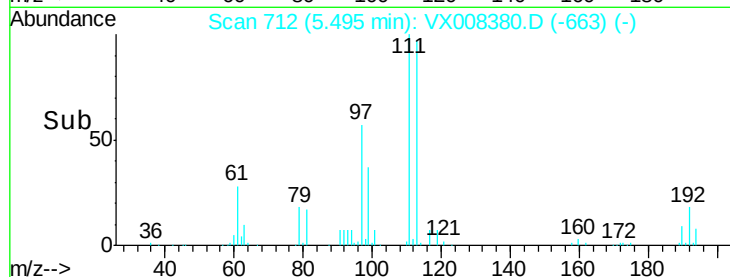
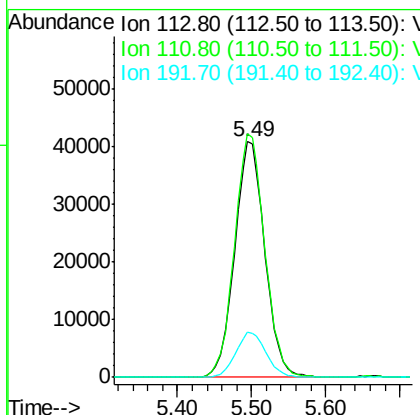
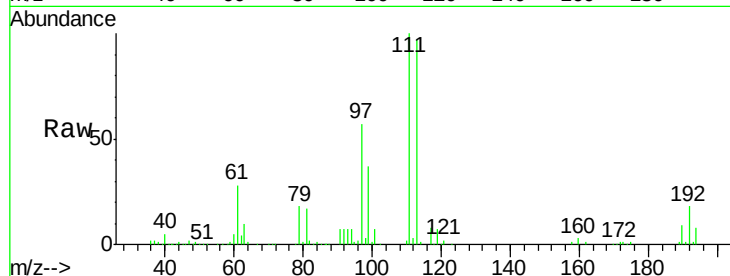
#35
Dibromofluoromethane
Concen: 50.065 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115673		
111	103.5	81.4	122.0	
192	19.4	19.4	29.0	

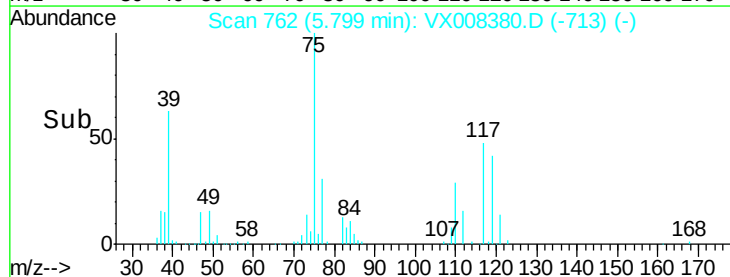
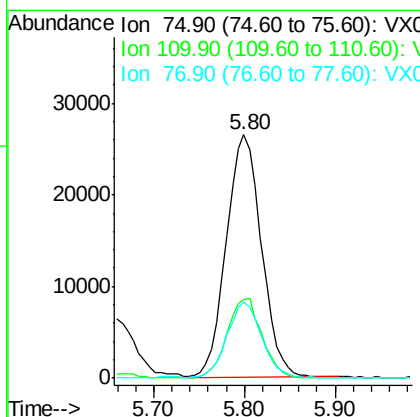
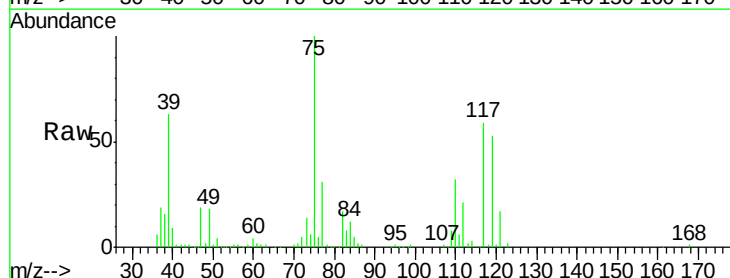
Manual Integrations
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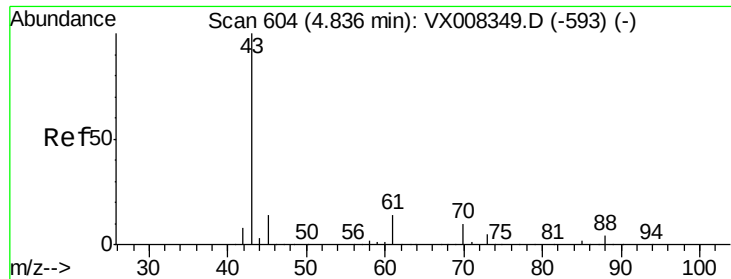
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#36
1,1-Dichloropropene
Concen: 19.630 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71530		
110	32.7	18.4	55.0	
77	31.3	25.0	37.4	





#37

Ethyl Acetate

Concen: 20.114 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

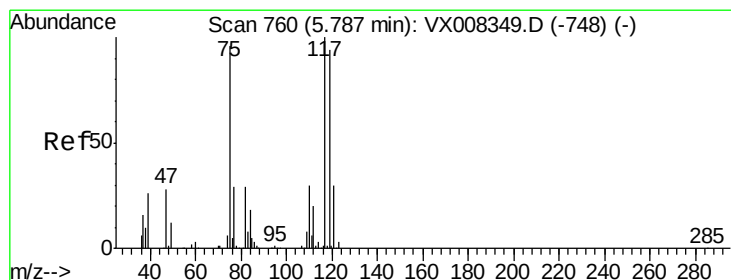
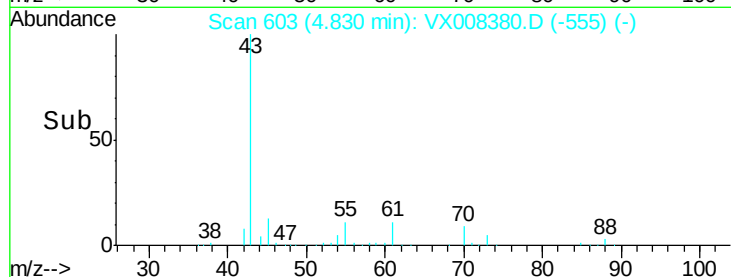
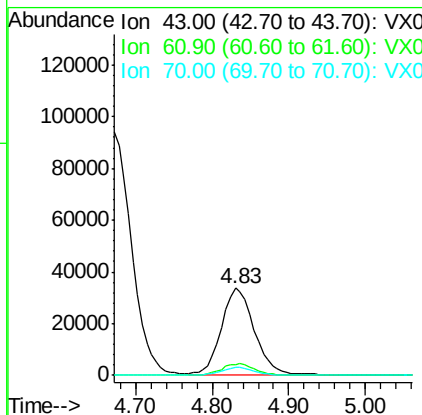
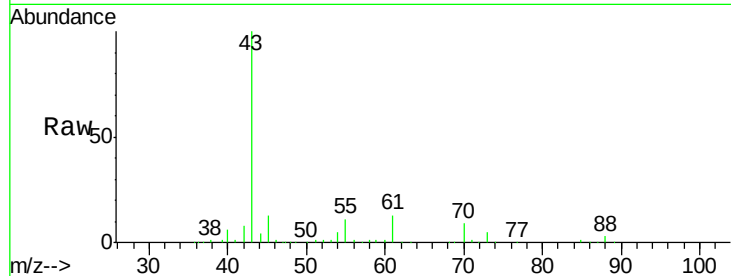
ClientSampleId :

VX0324WBS01

Tot Ion:	43	Resp:	99199
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	9.6	8.5	12.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.675 ug/l

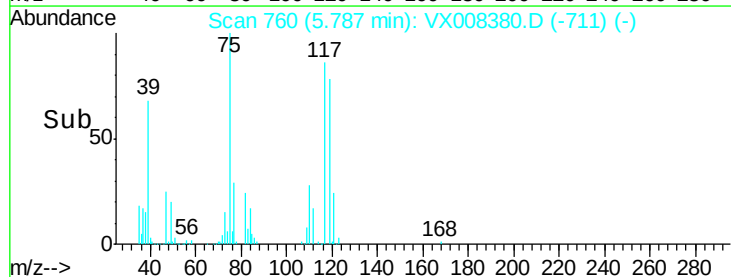
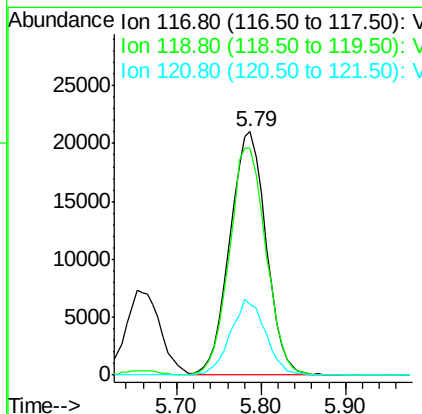
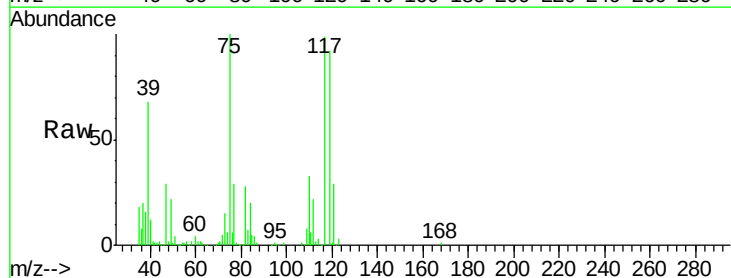
RT: 5.79 min Scan# 760

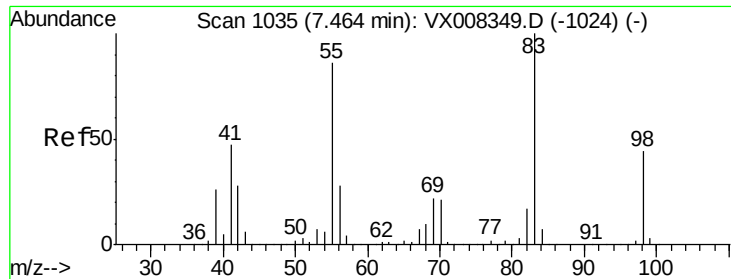
Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Tgt Ion:	117	Resp:	61458
Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.2	114.2
121	28.8	24.6	36.8





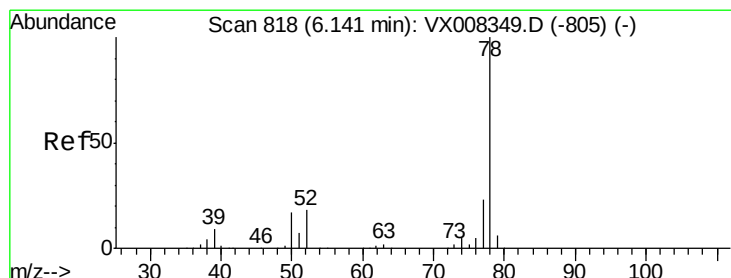
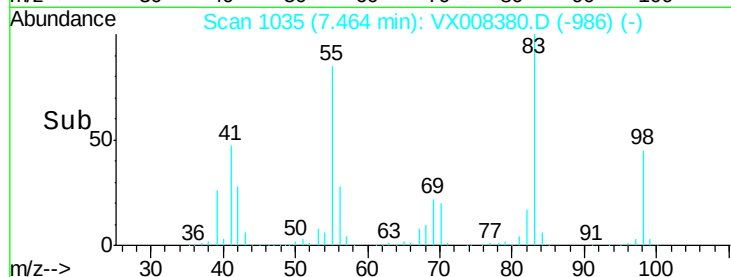
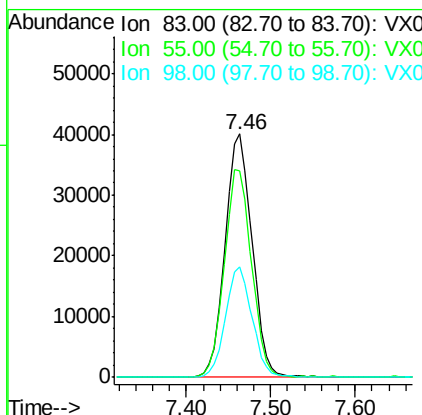
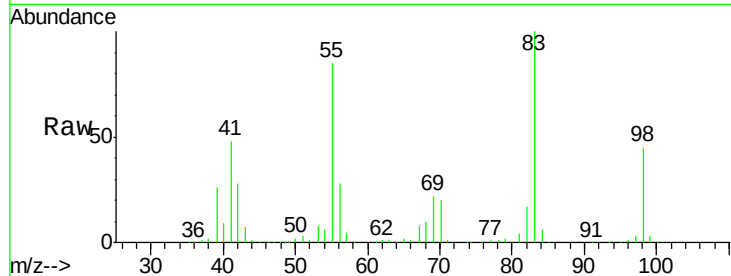
#39
Methylvlcyclohexane
Concen: 19.696 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.5	60.4	90.6
98	45.3	36.5	54.7

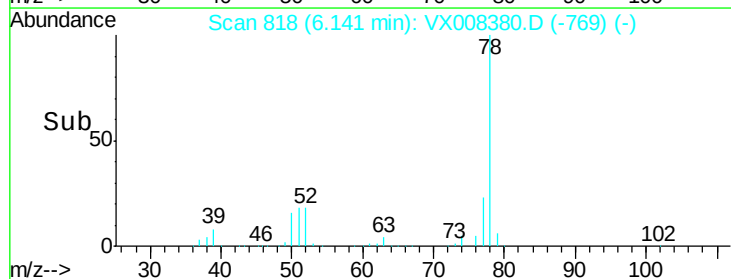
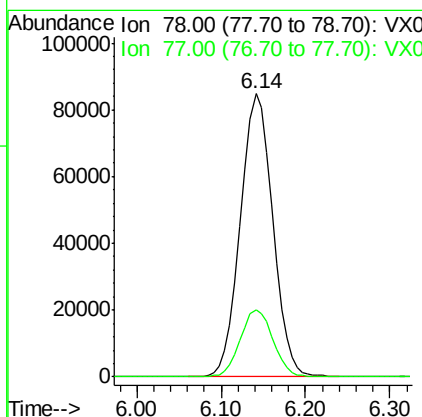
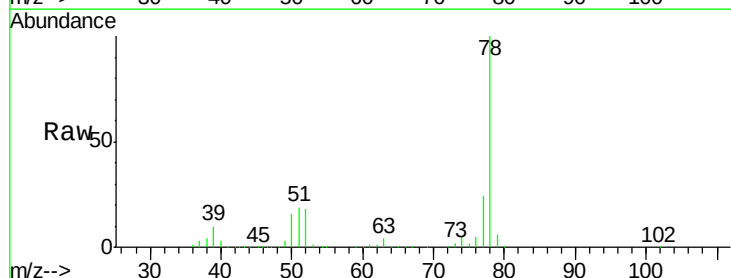
Manual Integrations
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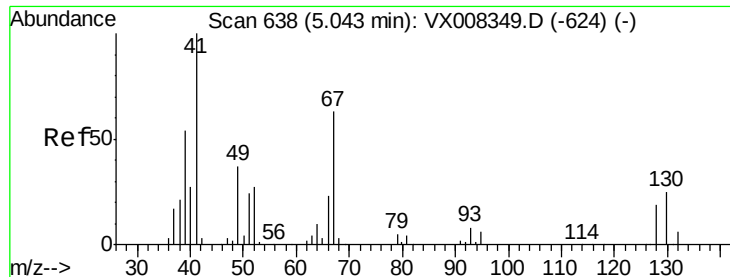
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#40
Benzene
Concen: 19.905 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





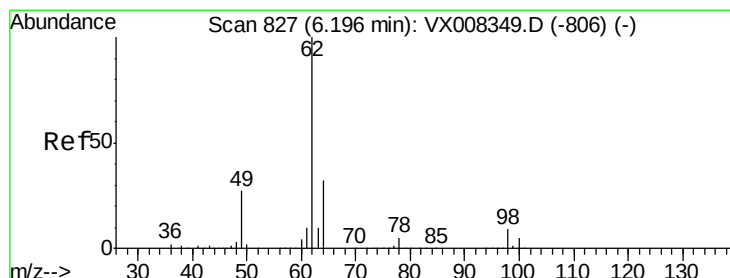
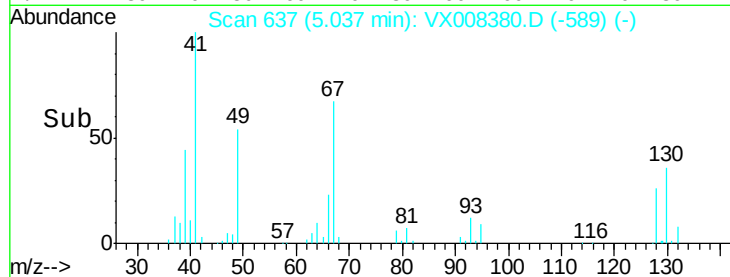
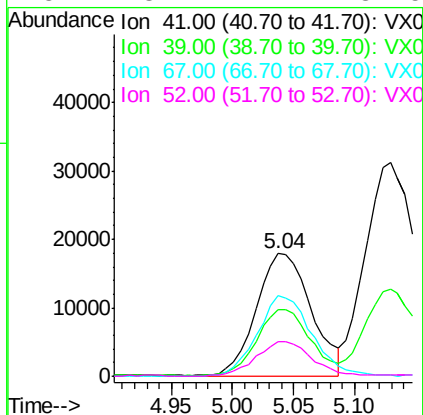
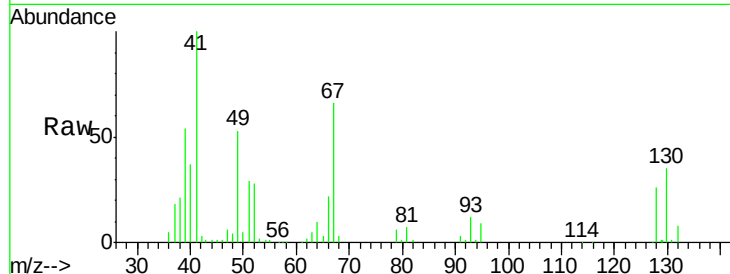
#41
Methacrylonitrile
Concen: 20.709 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	41.6	62.4	
67	65.7	55.8	83.6	
52	28.2	21.7	32.5	

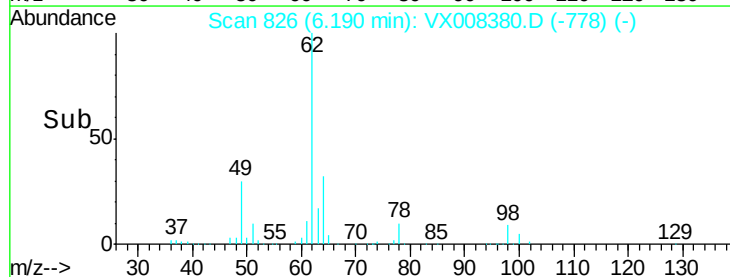
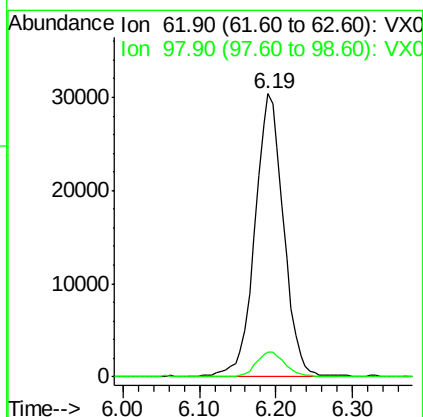
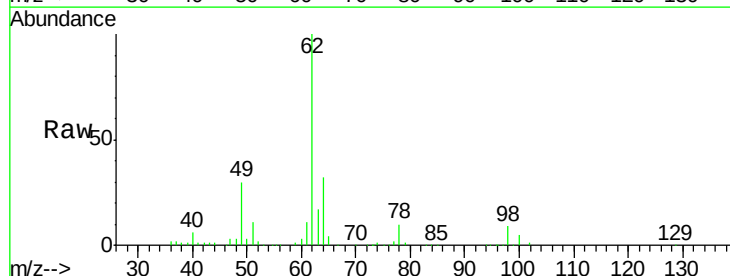
Manual Integrations
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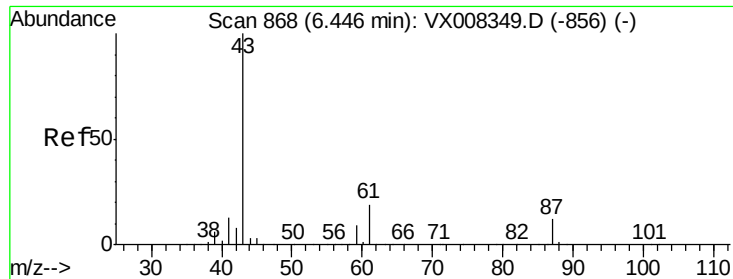
MMDadoda
3/25/2019 11:24:19 AM



#42
1,2-Dichloroethane
Concen: 19.515 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	20.4	





#43

Isopropyl Acetate

Concen: 19.998 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

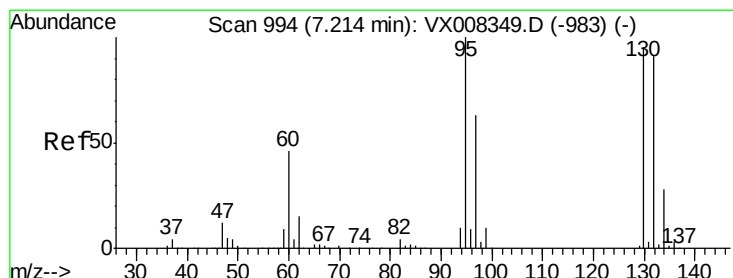
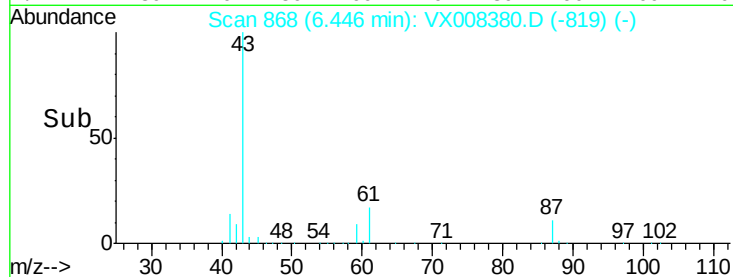
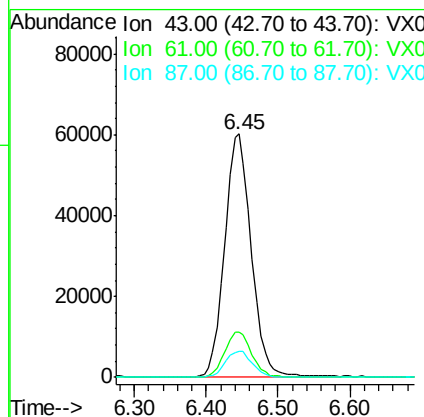
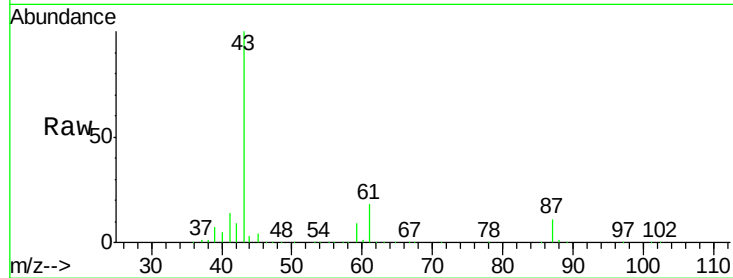
ClientSampleId :

VX0324WBS01

Tot Ion:	43	Resp:	153575
Ion	Ratio	Lower	Upper
43	100		
61	19.1	16.3	24.5
87	11.3	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 19.350 ug/l

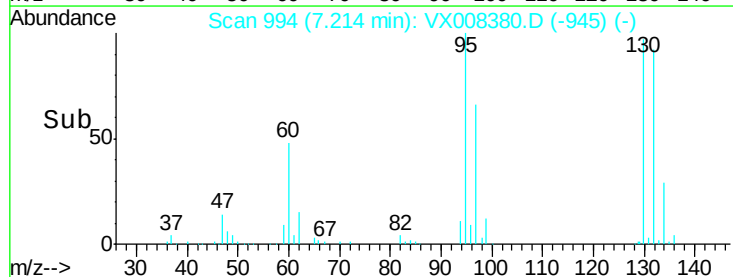
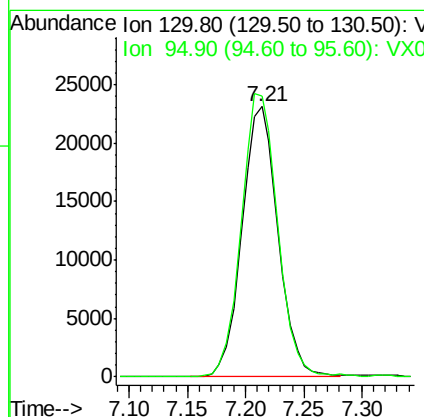
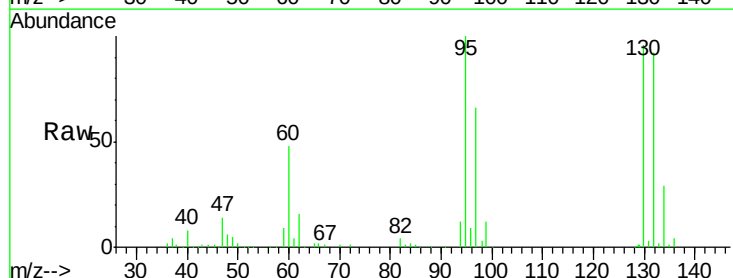
RT: 7.21 min Scan# 994

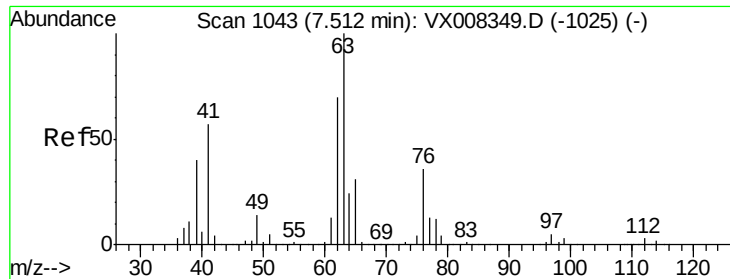
Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Tgt Ion:	130	Resp:	49868
Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	188.0





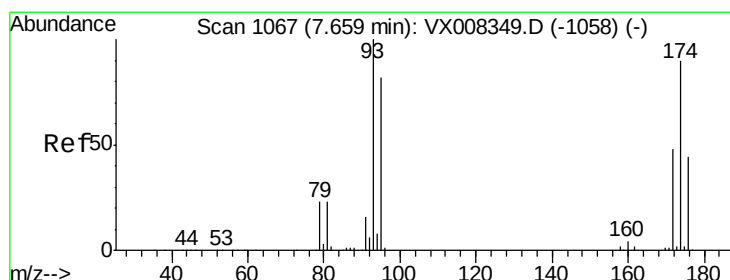
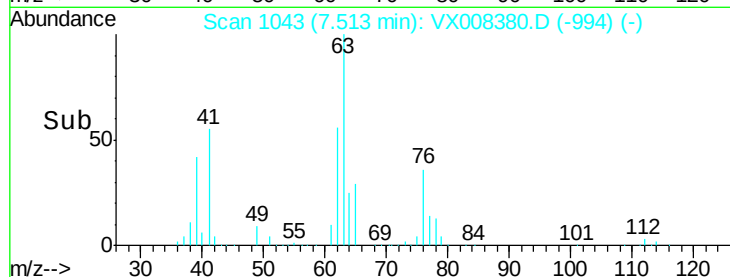
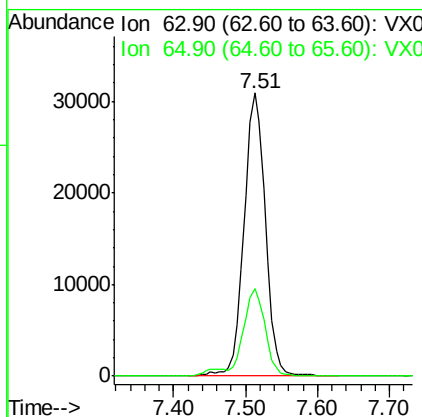
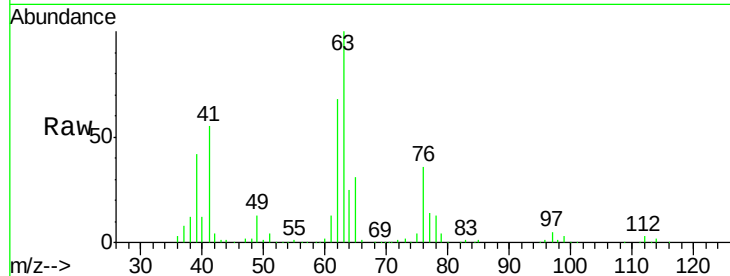
#45
 1,2-Dichloropropane
 Concen: 20.293 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Tot Ion: 63 Resp: 63753
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1

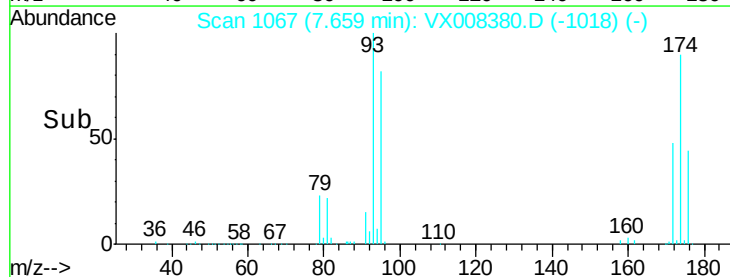
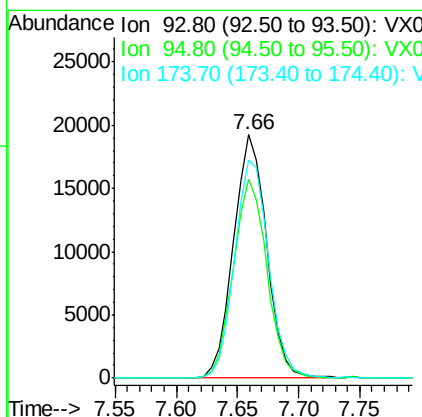
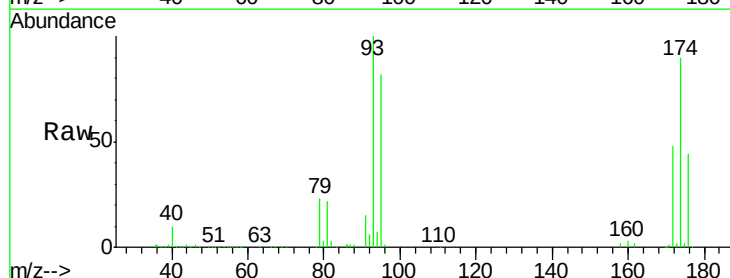
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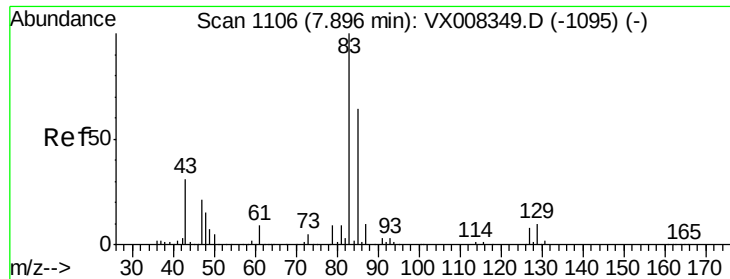
MMDadoda
 3/25/2019 11:24:19 AM



#46
 Dibromomethane
 Concen: 19.396 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Tgt Ion: 93 Resp: 36163
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 92.1 97.3 145.9#





#47

Bromodichloromethane

Concen: 19.724 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

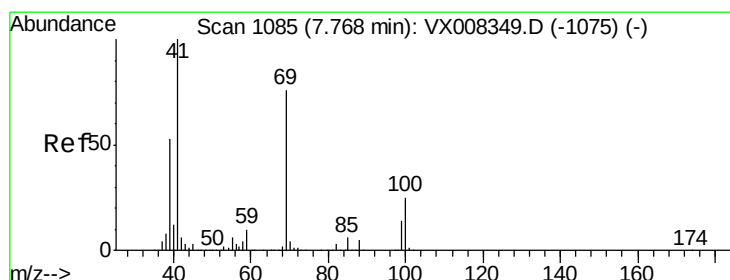
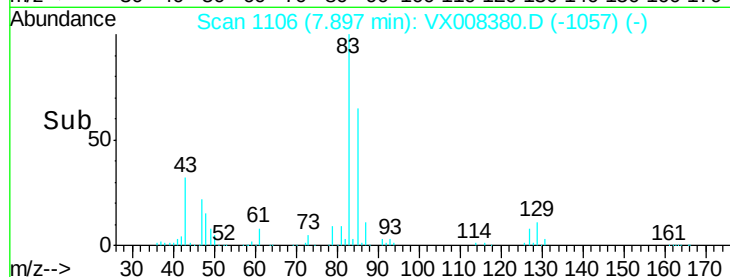
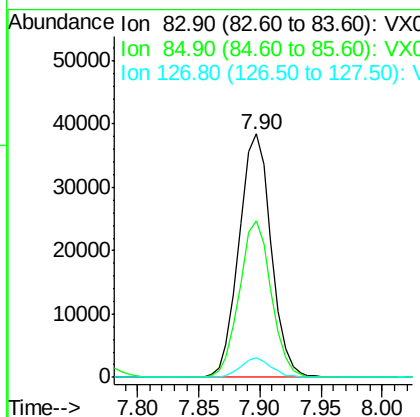
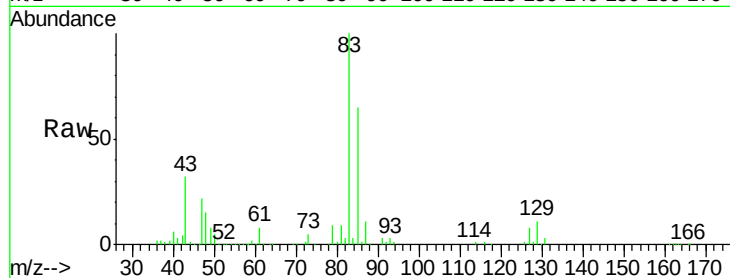
ClientSampled :

VX0324WBS01

Tot Ion:	83	Resp:	70143
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.9	76.3
127	8.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.064 ug/l

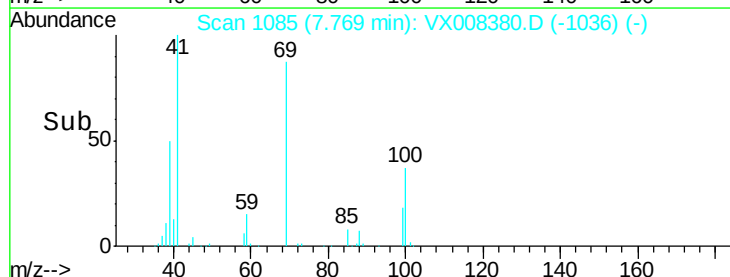
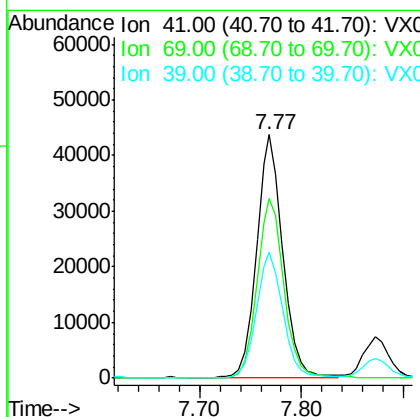
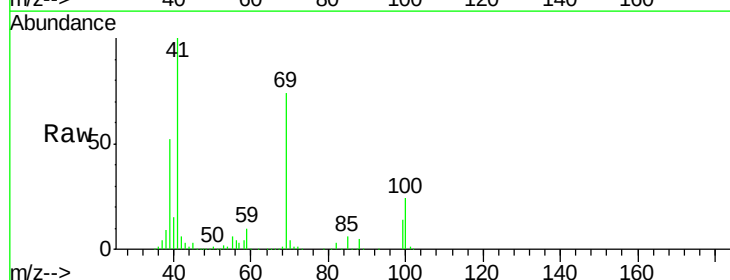
RT: 7.77 min Scan# 1085

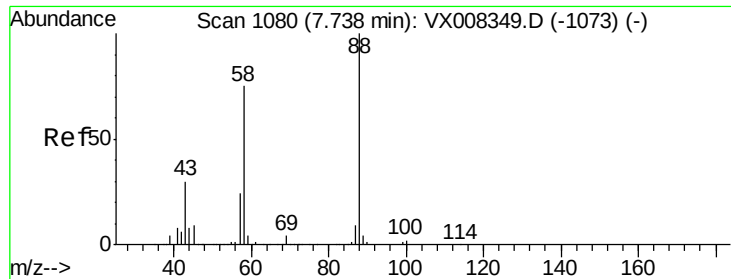
Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Tgt Ion:	41	Resp:	77749
Ion	Ratio	Lower	Upper
41	100		
69	76.3	65.2	97.8
39	52.9	39.4	59.2





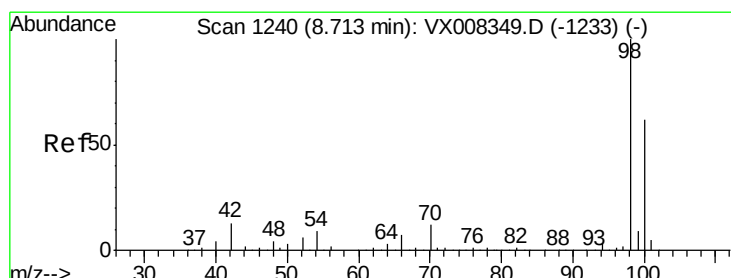
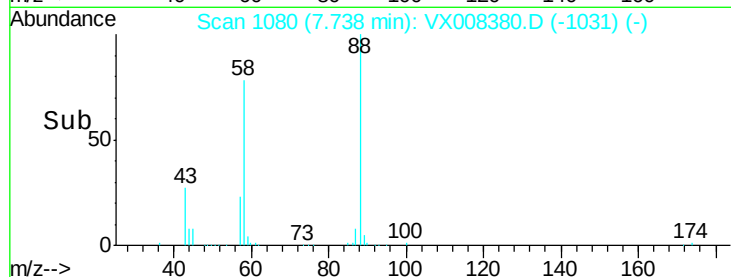
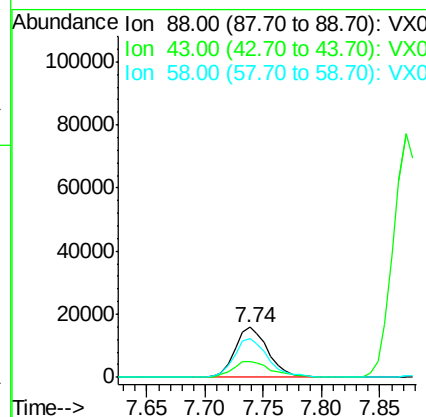
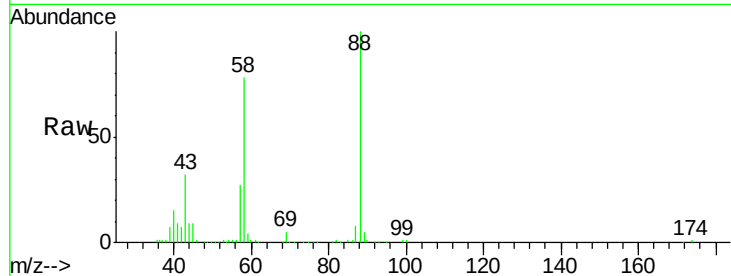
#49
1,4-Dioxane
Concen: 406.002 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampled :
VX0324WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	25.1	37.7
58	79.4	57.8	86.6

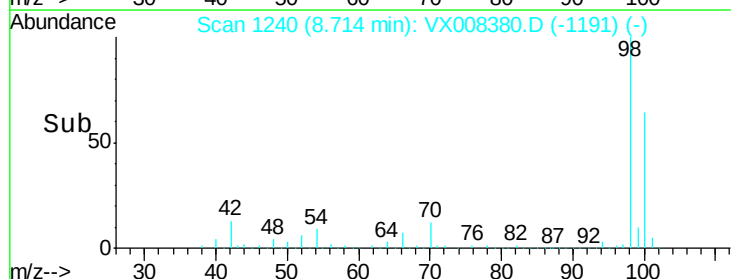
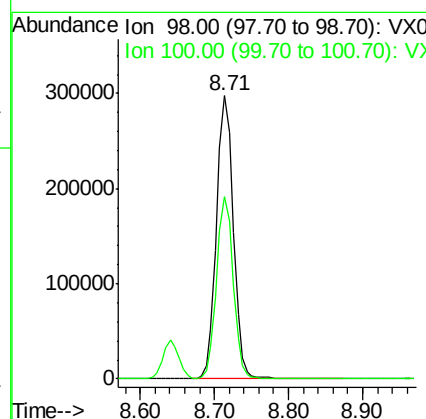
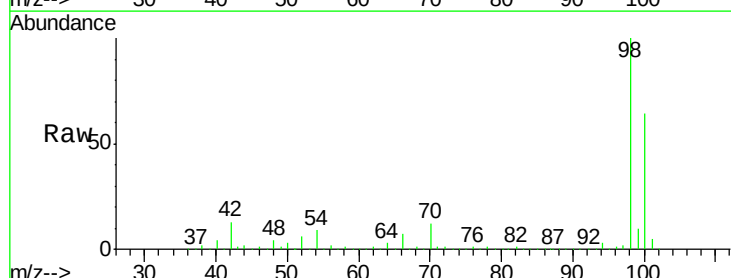
Manual Integrations
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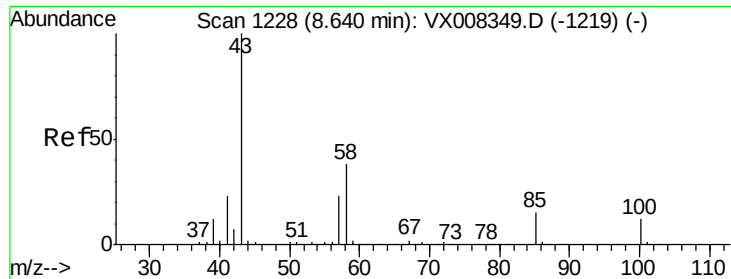
MMDadoda
3/25/2019 11:24:19 AM



#50
Toluene-d8
Concen: 50.782 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 102.000 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion: 43 Resp: 513949

Ion Ratio Lower Upper

43 100

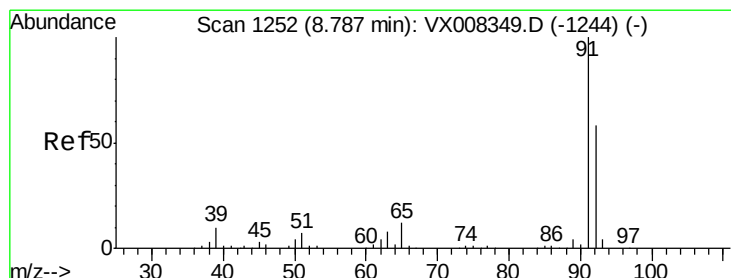
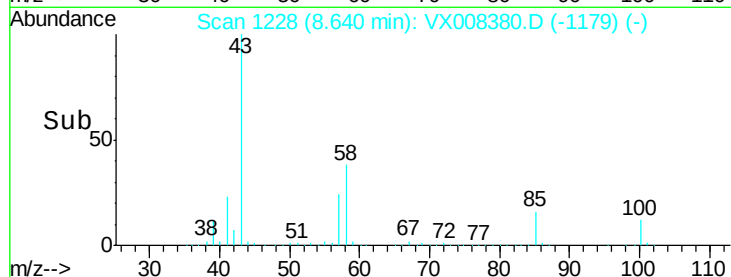
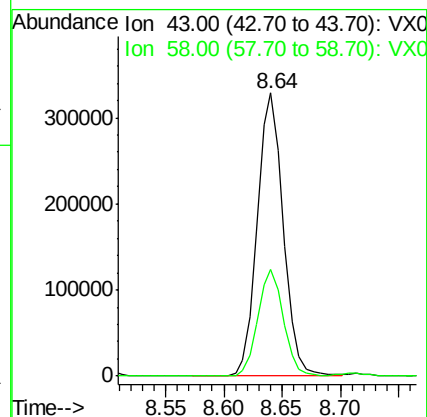
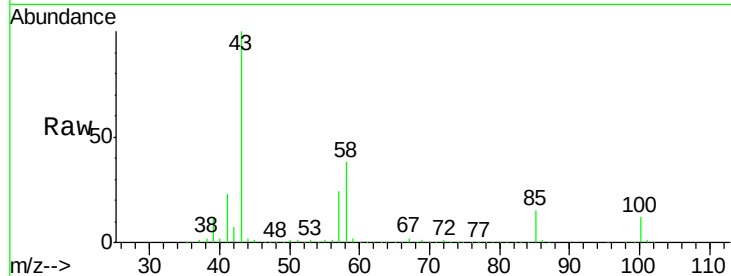
58 37.0 31.3 46.9

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#52

Toluene

Concen: 20.278 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008380.D

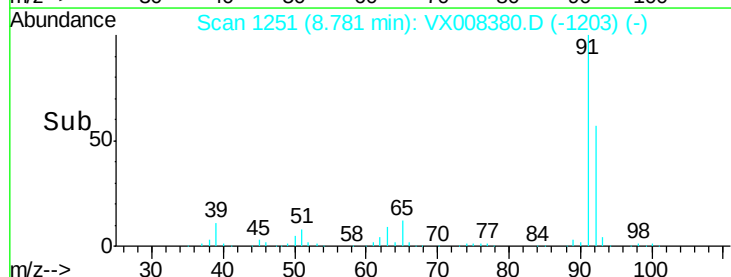
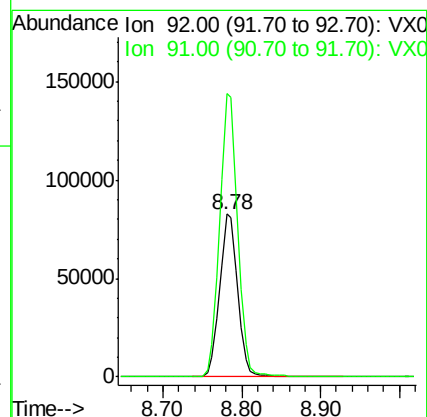
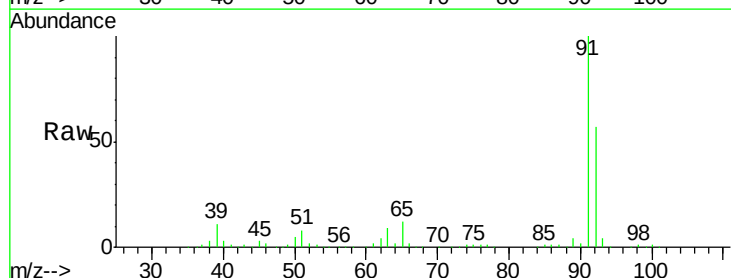
Acq: 24 Mar 2019 10:39

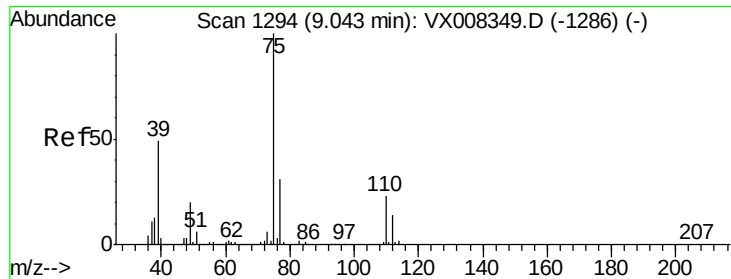
Tgt Ion: 92 Resp: 131956

Ion Ratio Lower Upper

92 100

91 174.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 19.601 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion: 75 Resp: 74945

Ion Ratio Lower Upper

75 100

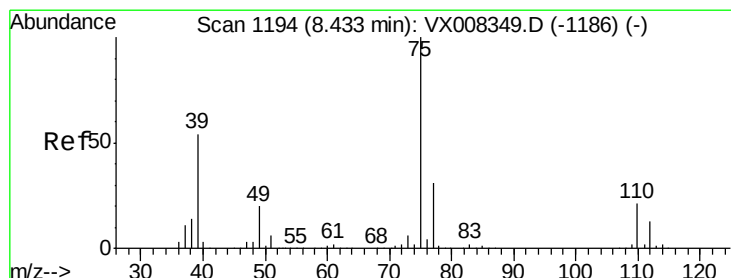
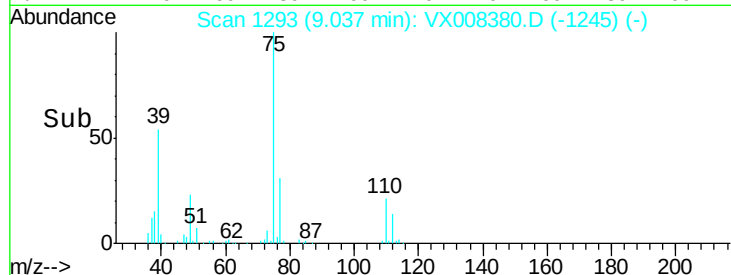
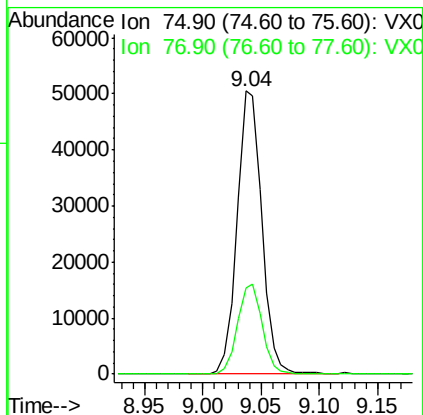
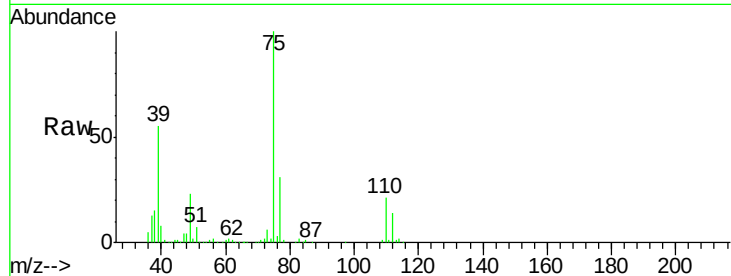
77 30.7 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 19.798 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

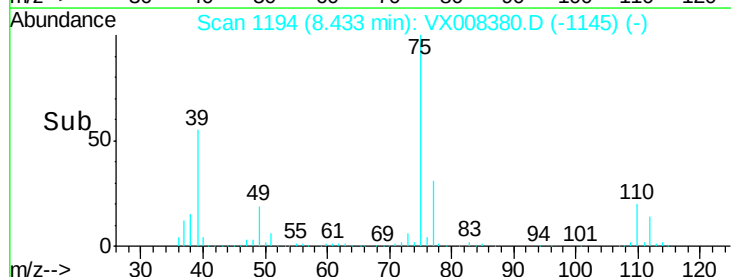
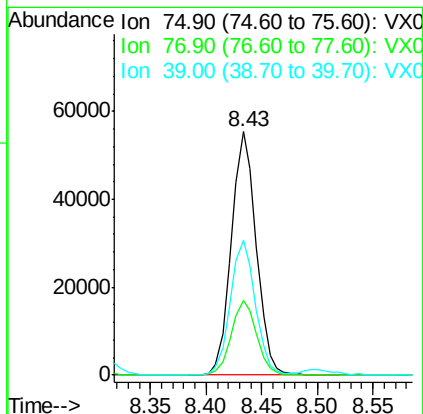
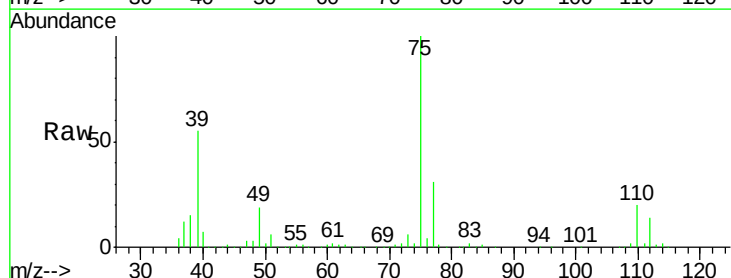
Tgt Ion: 75 Resp: 85826

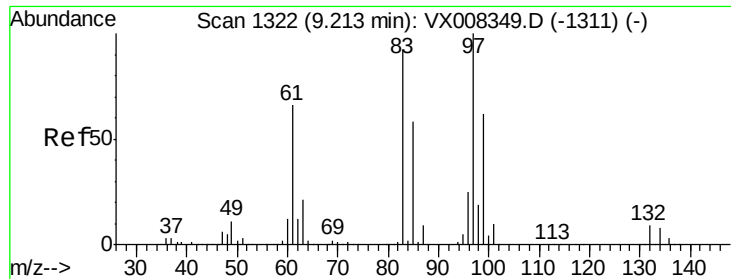
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

39 55.0 36.6 54.8#





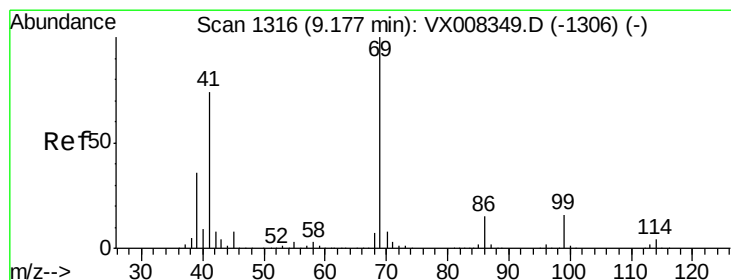
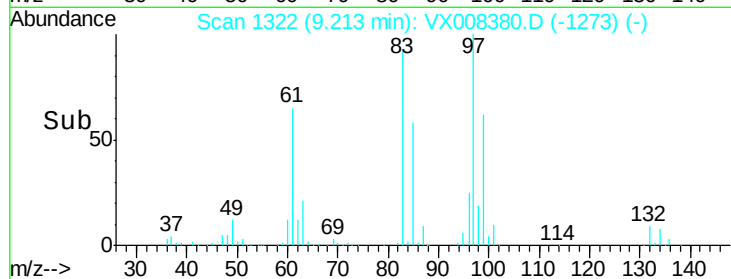
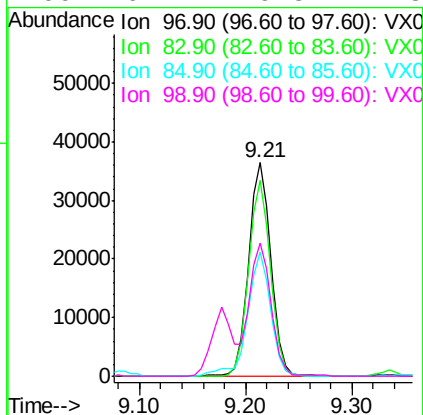
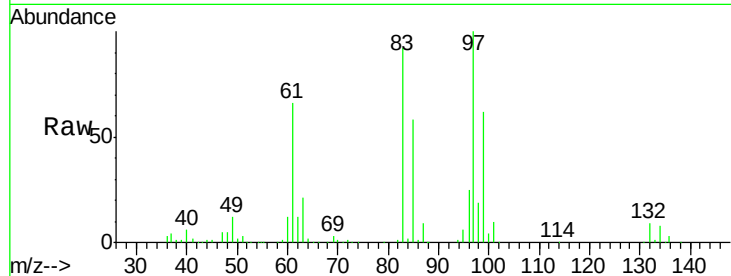
#55
1,1,2-Trichloroethane
Concen: 19.832 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion:	97	Resp:	53606
Ion	Ratio	Lower	Upper
97	100		
83	91.7	69.1	103.7
85	57.9	44.3	66.5
99	62.2	49.8	74.8

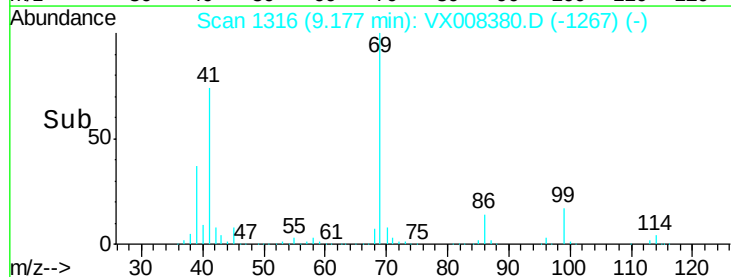
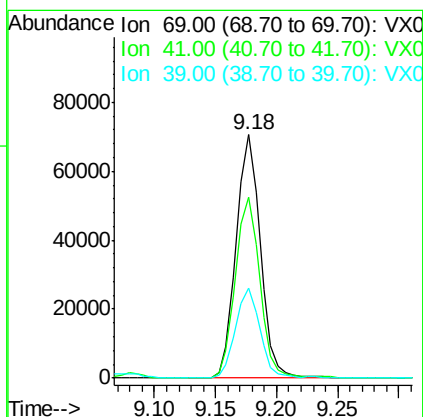
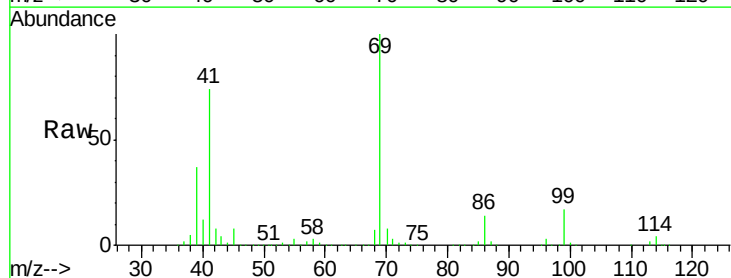
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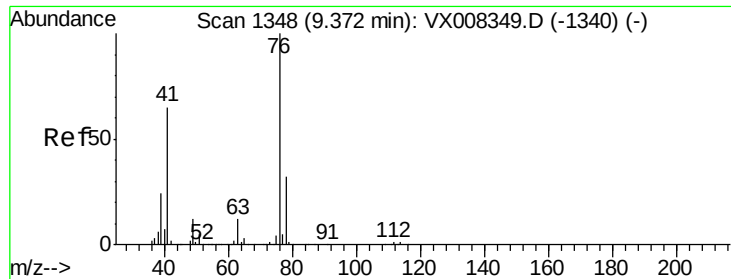
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#56
Ethyl methacrylate
Concen: 20.254 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion:	69	Resp:	96918
Ion	Ratio	Lower	Upper
69	100		
41	74.7	54.2	81.4
39	37.1	25.0	37.4





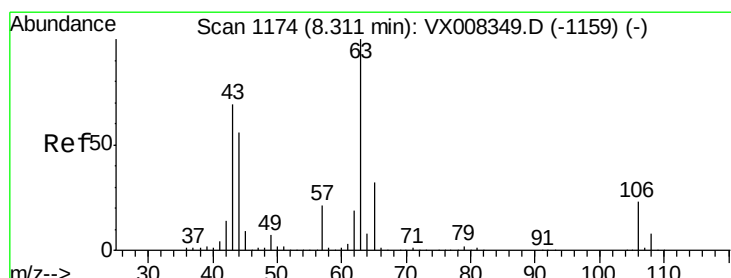
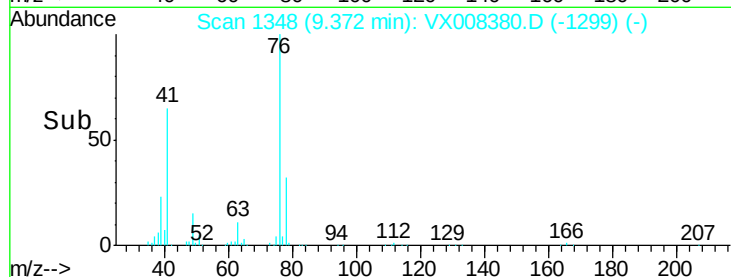
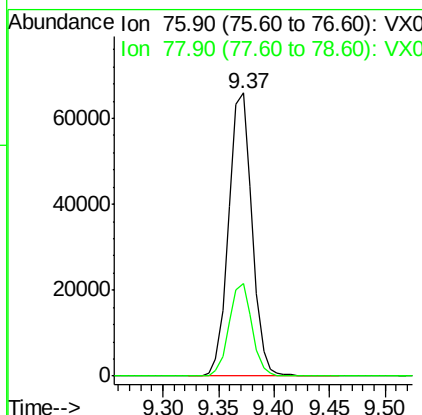
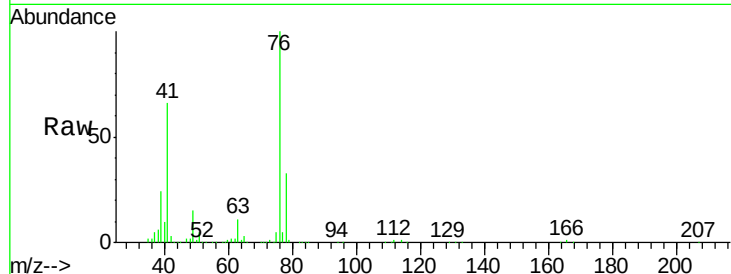
#57
 1,3-Dichloropropane
 Concen: 19.855 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Tot Ion: 76 Resp: 95607
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3

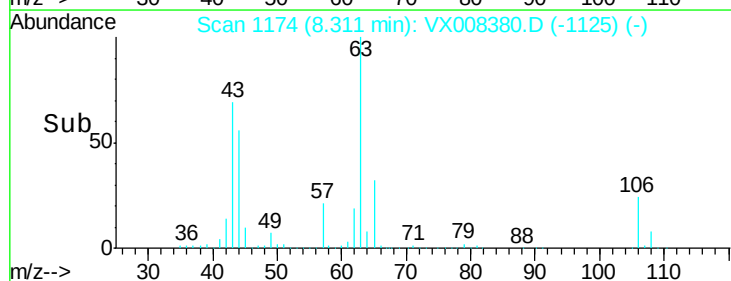
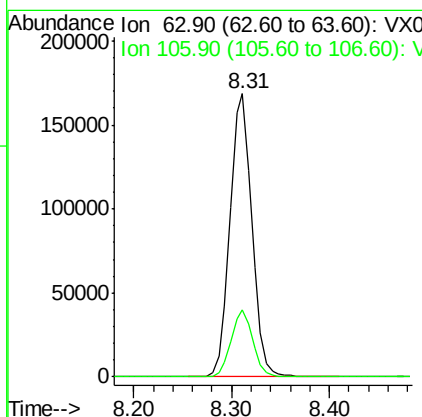
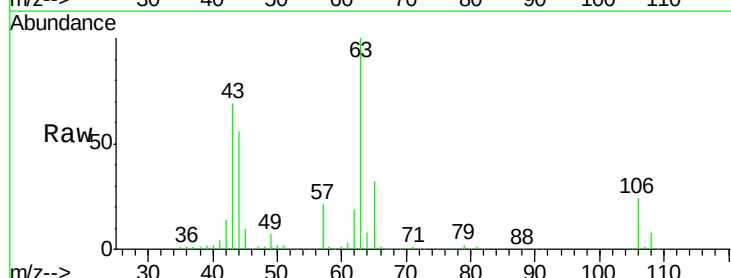
Manual Integrations
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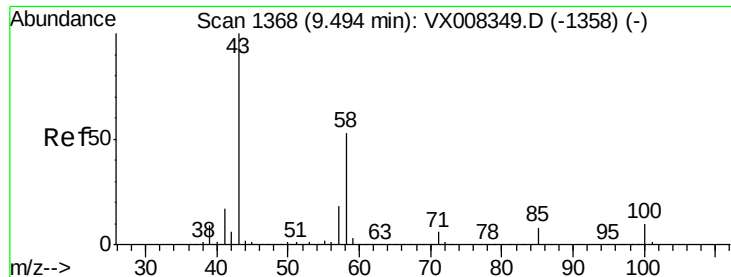
MMDadoda
 3/25/2019 11:24:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.429 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Tgt Ion: 63 Resp: 261692
 Ion Ratio Lower Upper
 63 100
 106 23.4 22.2 33.2





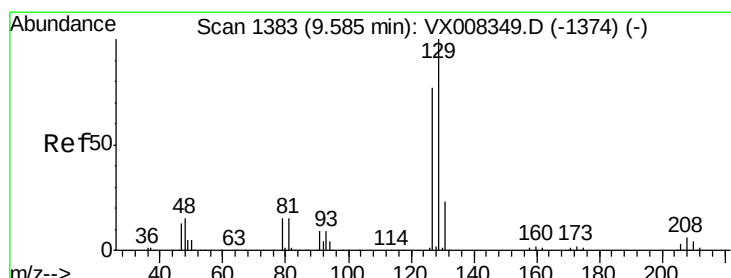
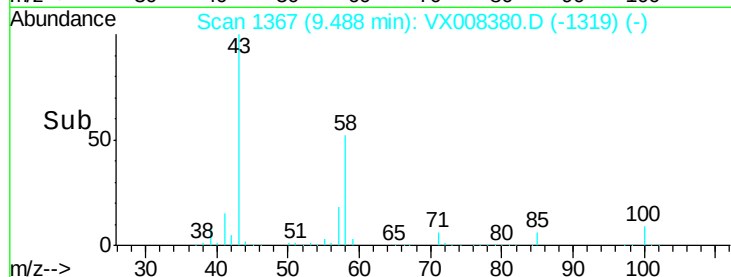
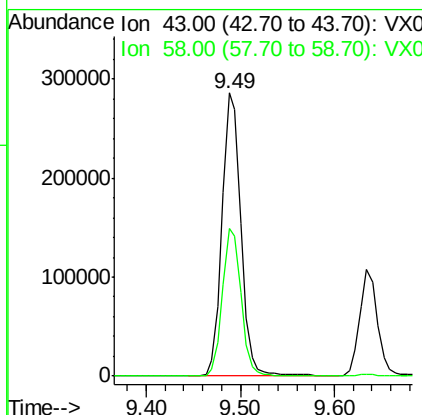
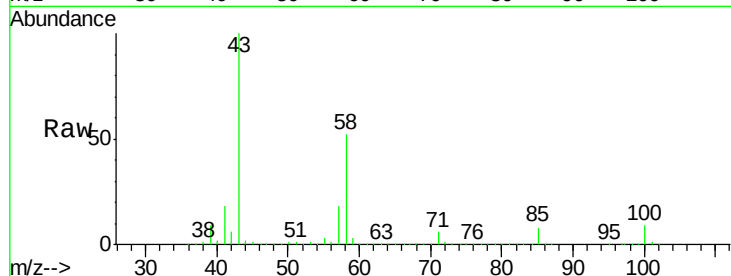
#59
2-Hexanone
Concen: 102.622 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion: 43 Resp: 396942
Ion Ratio Lower Upper
43 100
58 51.9 27.6 82.7

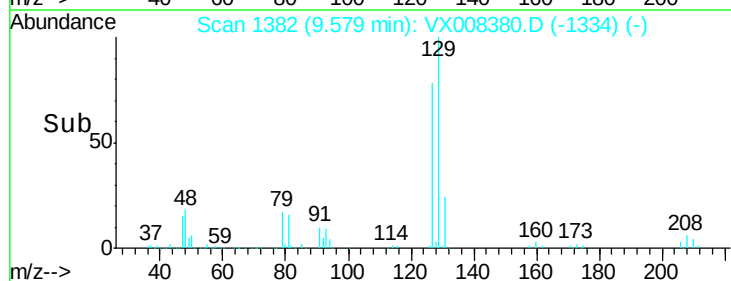
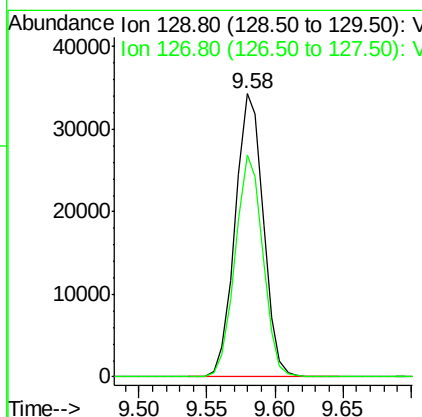
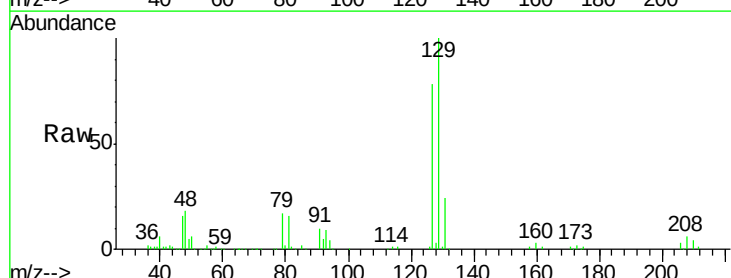
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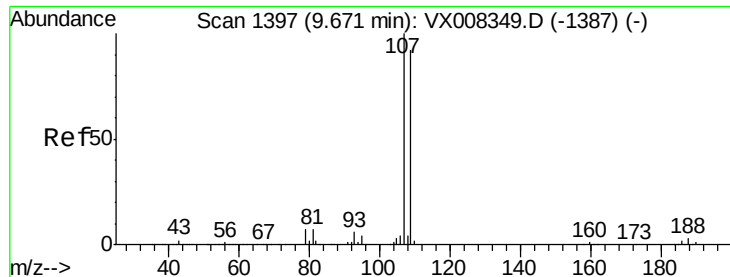
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#60
Dibromochloromethane
Concen: 19.717 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion: 129 Resp: 49468
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.078 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion:107 Resp: 55079

Ion Ratio Lower Upper

107 100

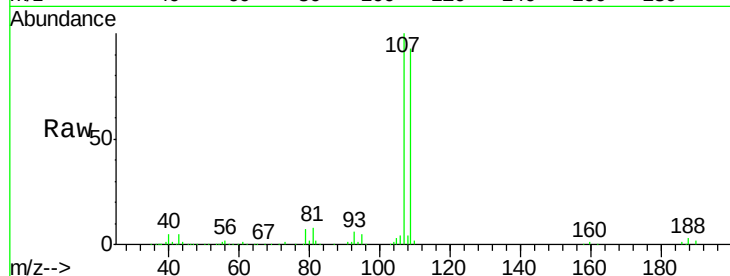
109 93.9 75.8 113.8

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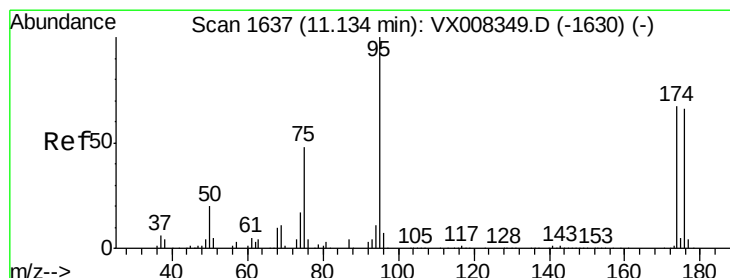
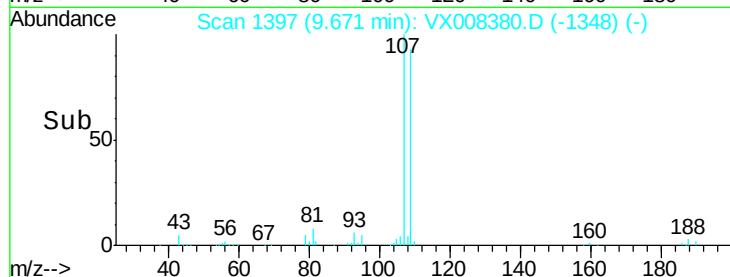
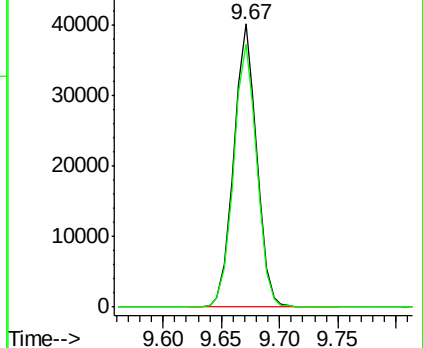
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.317 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

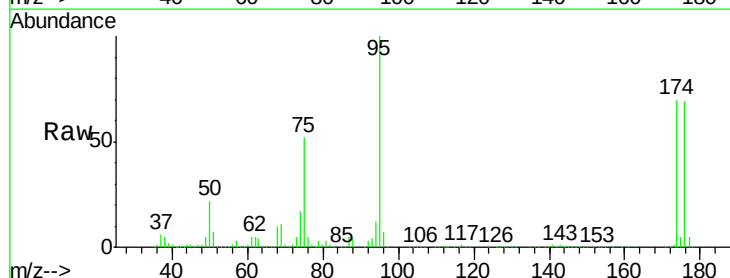
Tgt Ion: 95 Resp: 168829

Ion Ratio Lower Upper

95 100

174 73.4 0.0 182.8

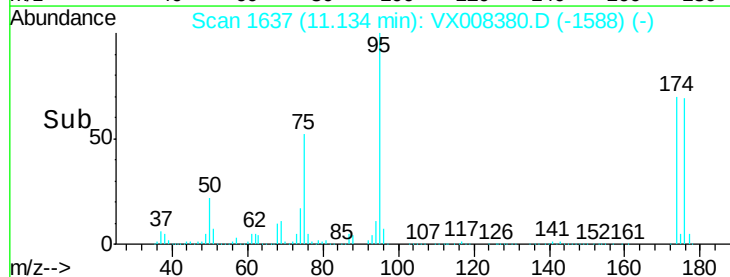
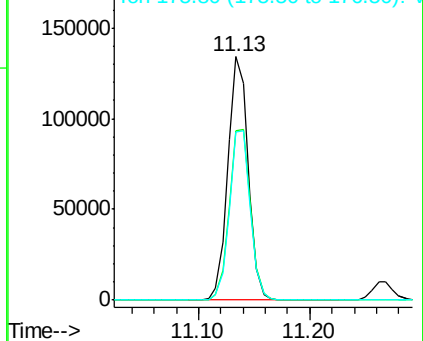
176 71.3 0.0 178.0

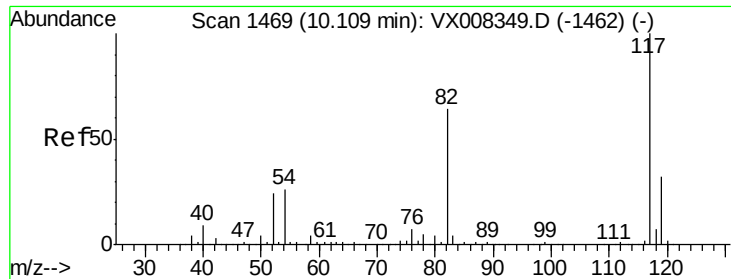


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





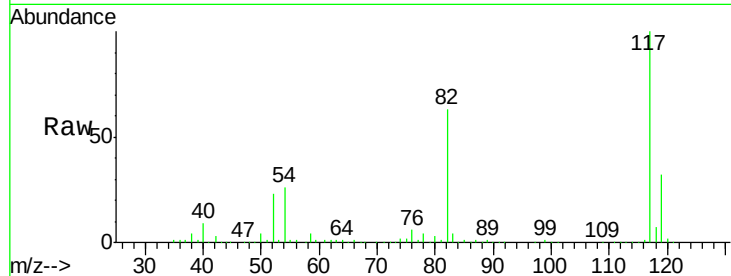
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.5	44.3	66.5
119	31.6	25.3	37.9

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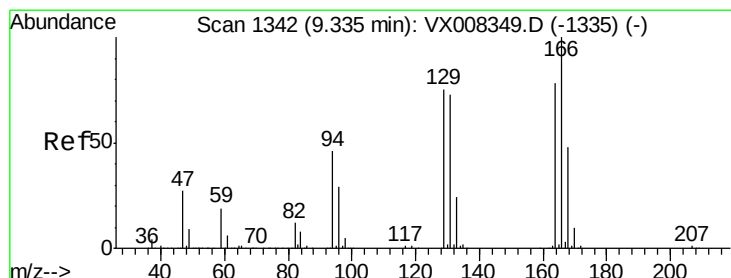
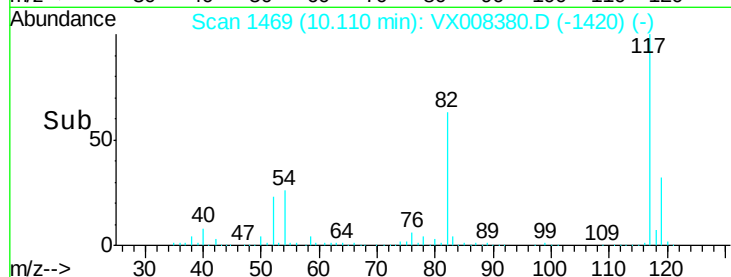
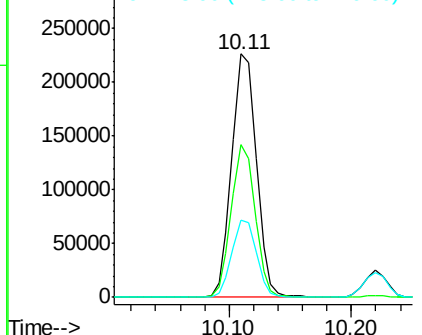


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.536 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	103.4	155.0
129	93.5	72.2	108.4
131	90.5	69.4	104.2

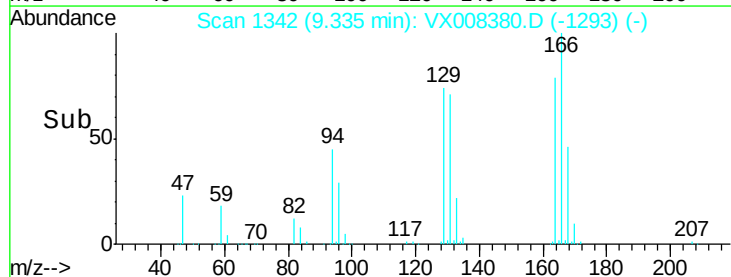
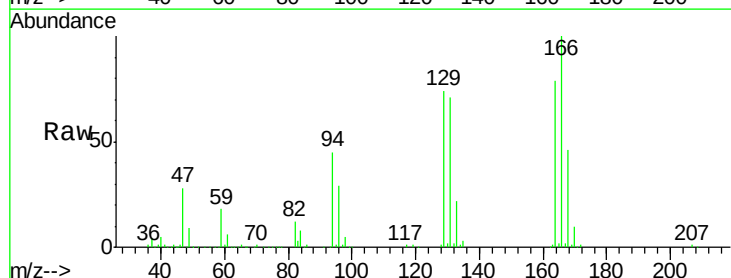
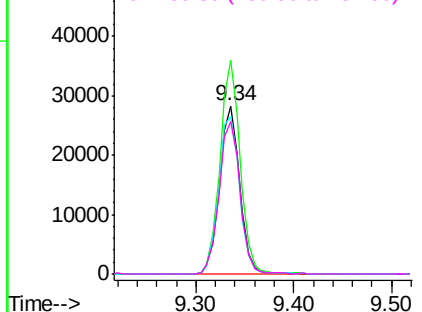
Abundance

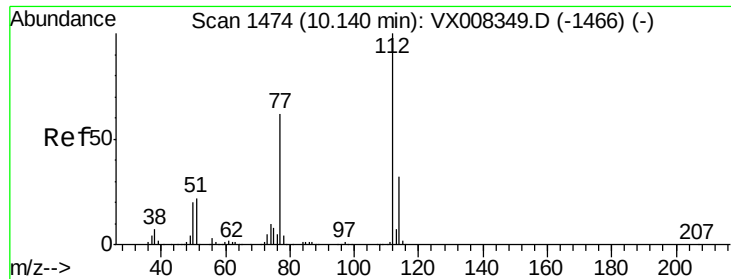
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.024 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampled :

VX0324WBS01

Tot Ion:112 Resp: 133108

Ion Ratio Lower Upper

112 100

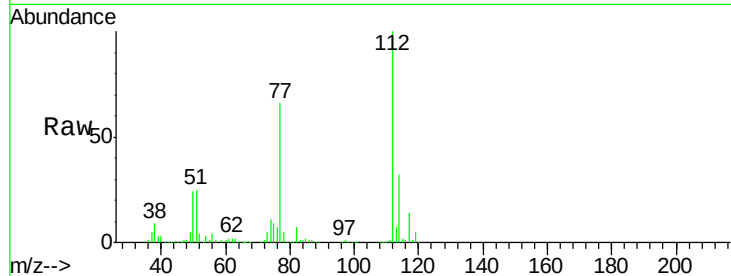
114 32.4 26.0 39.0

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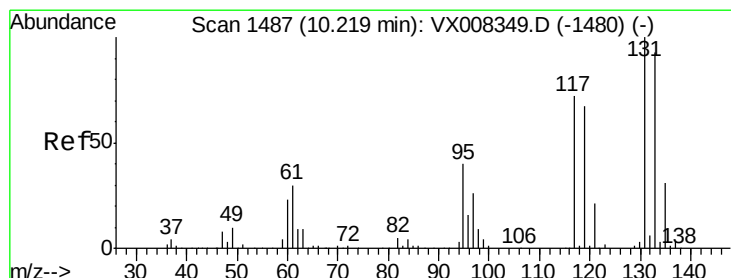
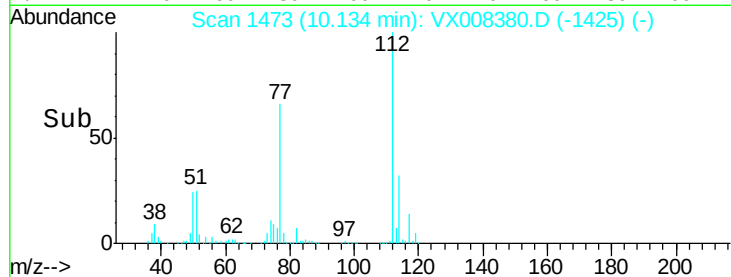
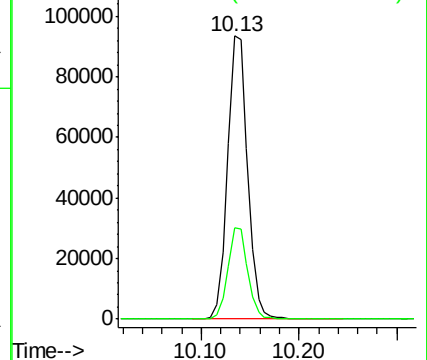
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.844 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

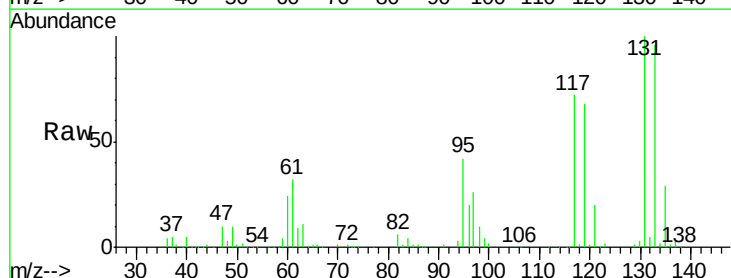
Tgt Ion:131 Resp: 45746

Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.3

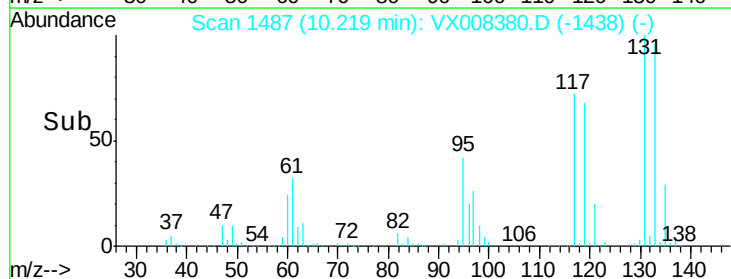
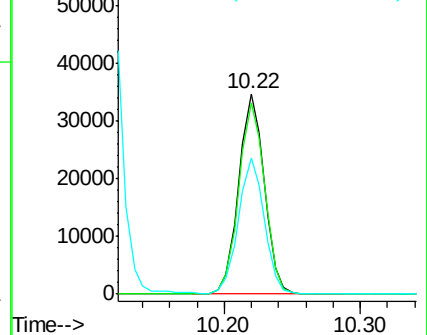
119 68.7 32.5 97.5

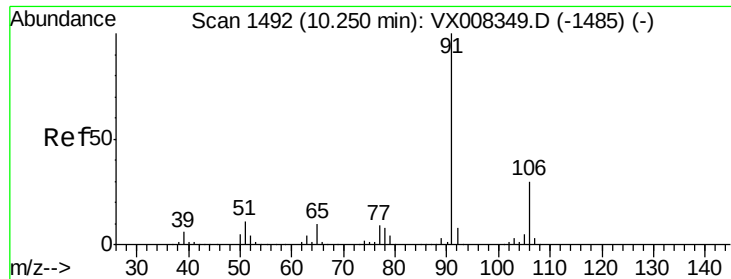


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





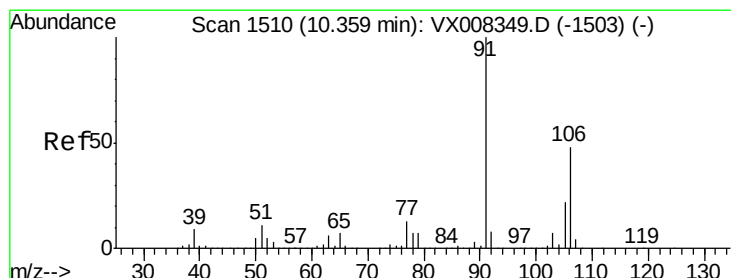
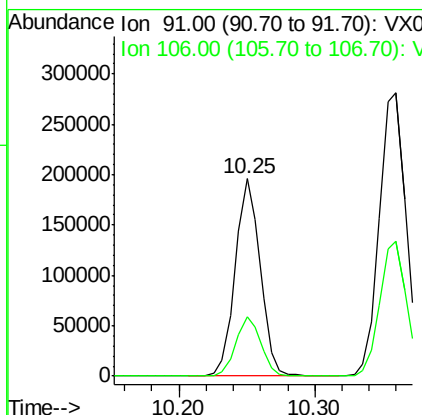
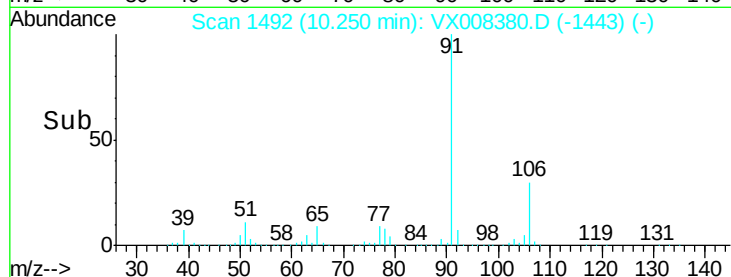
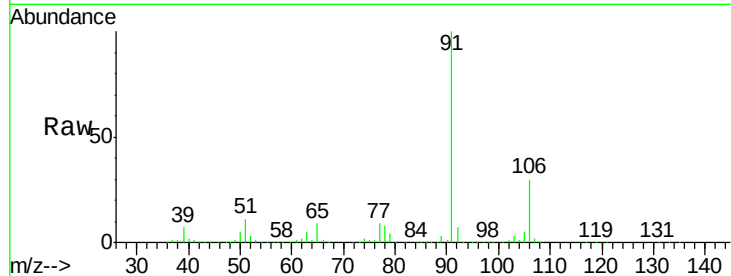
#67
Ethyl Benzene
Concen: 20.182 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampled :
VX0324WBS01

Tot Ion: 91 Resp: 251206
Ion Ratio Lower Upper
91 100
106 30.0 25.2 37.8

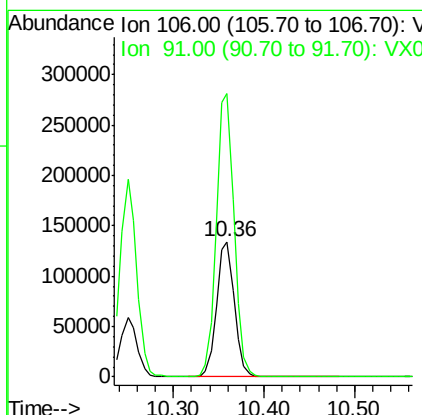
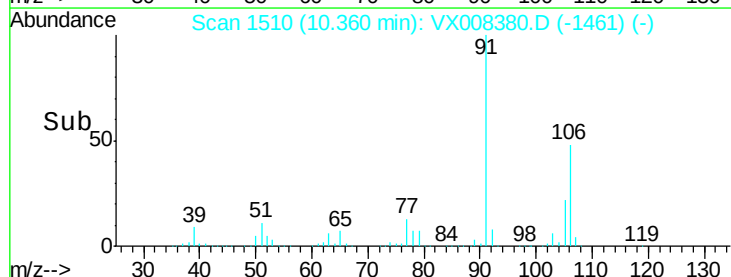
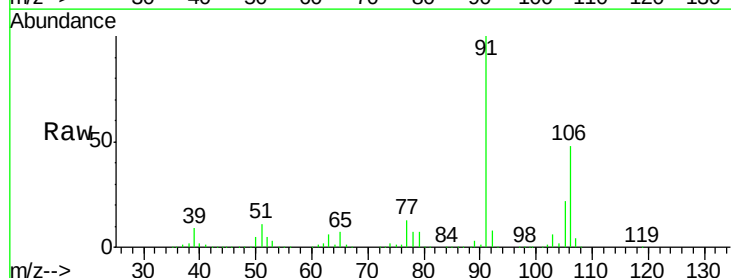
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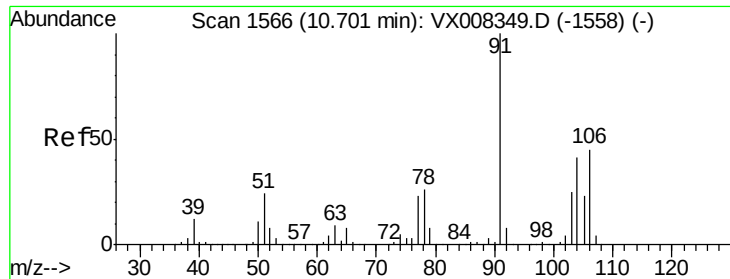
MMDadoda
3/25/2019 11:24:19 AM



#68
m/p-Xylenes
Concen: 41.058 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion: 106 Resp: 183621
Ion Ratio Lower Upper
106 100
91 210.6 159.8 239.6





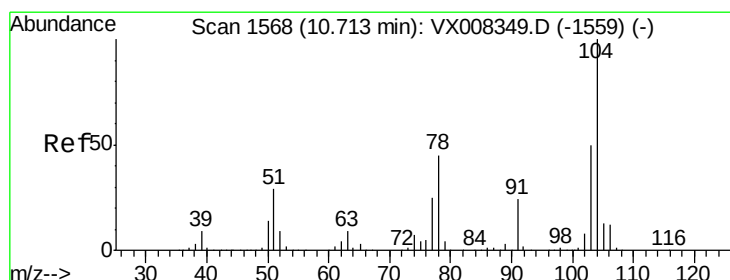
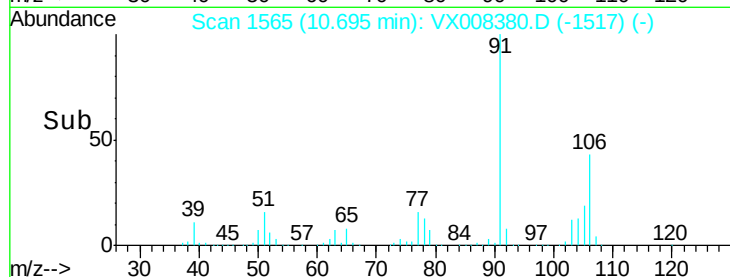
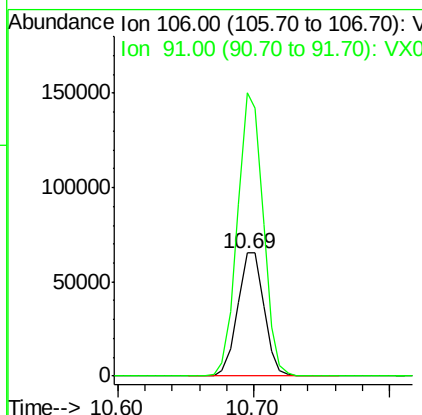
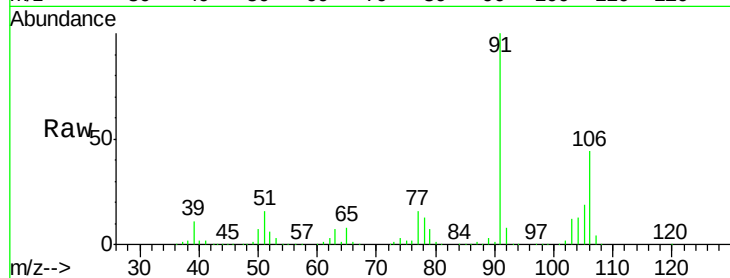
#69
o-Xylene
Concen: 20.270 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion:106 Resp: 88641
Ion Ratio Lower Upper
106 100
91 223.8 106.3 318.9

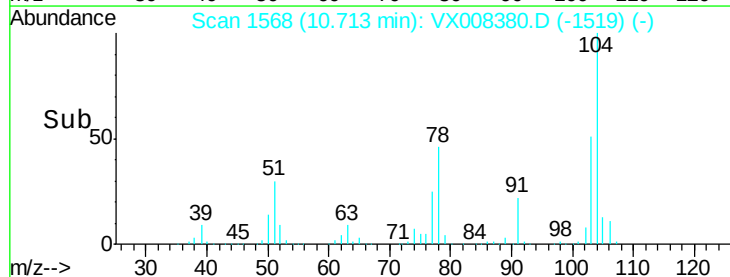
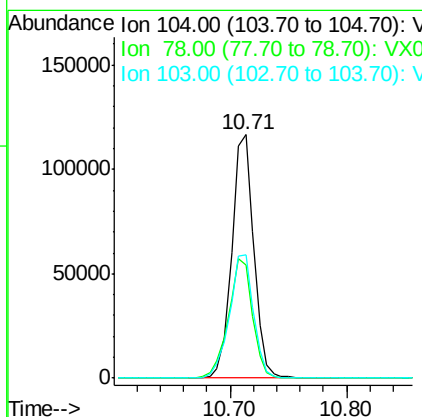
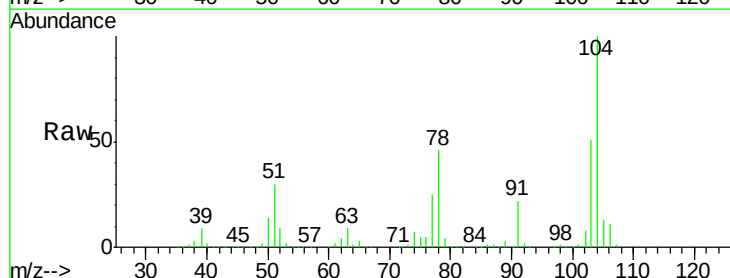
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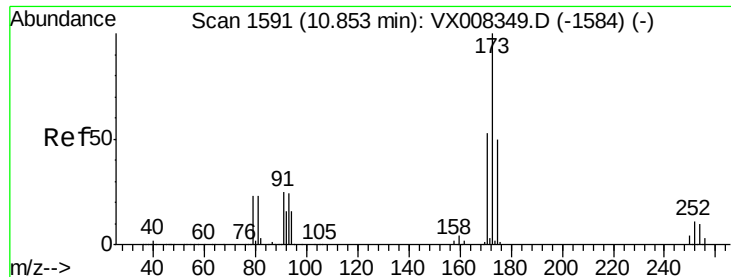
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#70
Styrene
Concen: 20.279 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion:104 Resp: 153796
Ion Ratio Lower Upper
104 100
78 53.6 38.5 57.7
103 55.8 44.1 66.1





#71

Bromoform

Concen: 19.819 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion:173 Resp: 35194

Ion Ratio Lower Upper

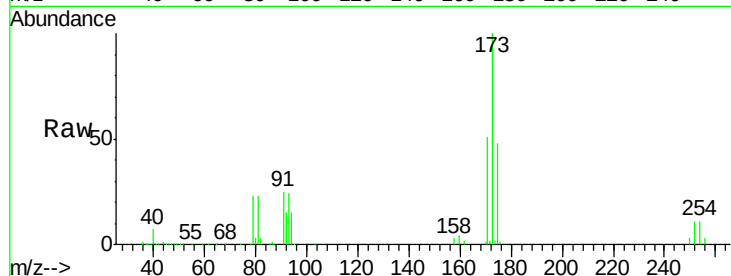
173 100

175 47.4 24.3 72.9

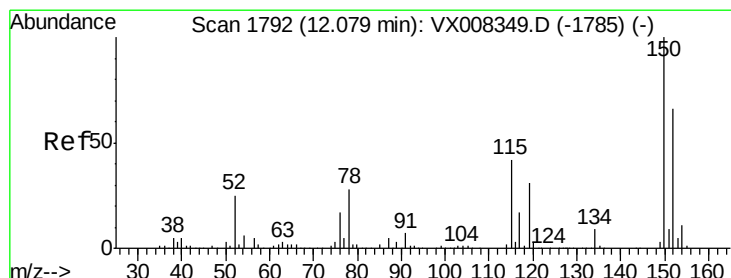
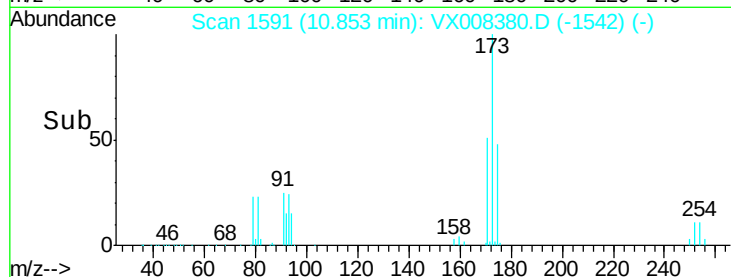
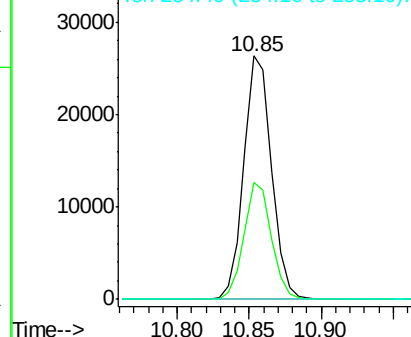
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

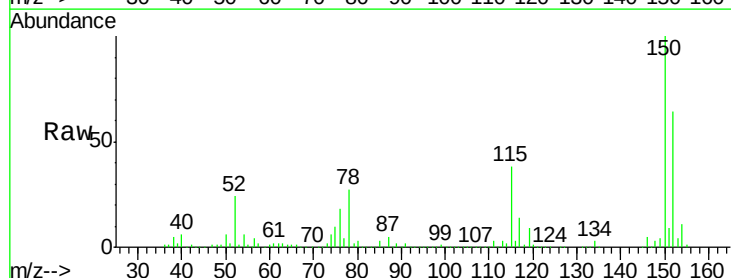
Tgt Ion:152 Resp: 146576

Ion Ratio Lower Upper

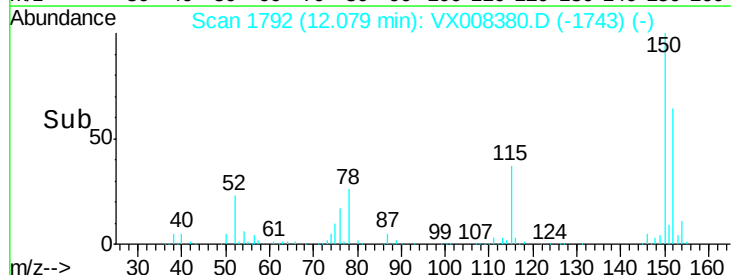
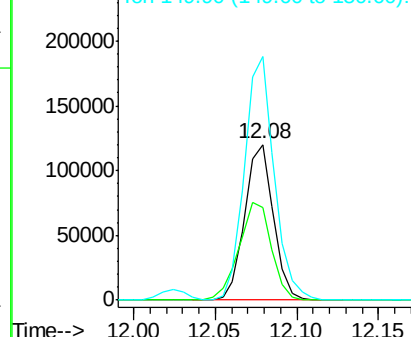
152 100

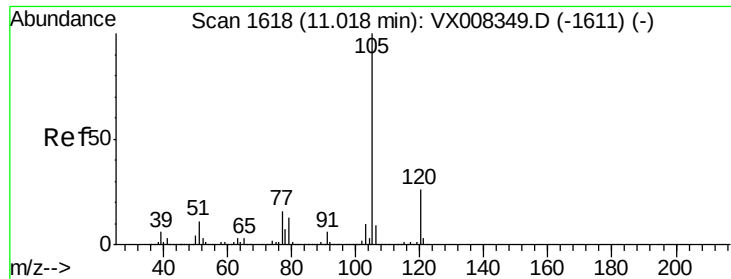
115 71.9 38.6 115.7

150 163.1 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





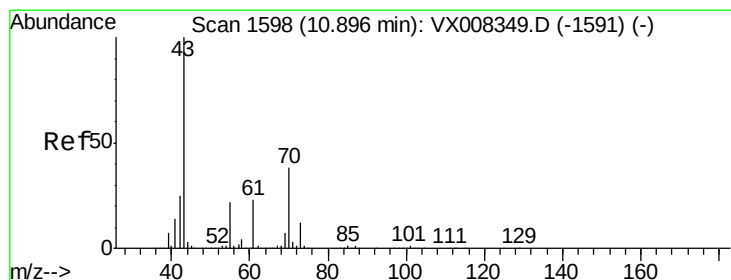
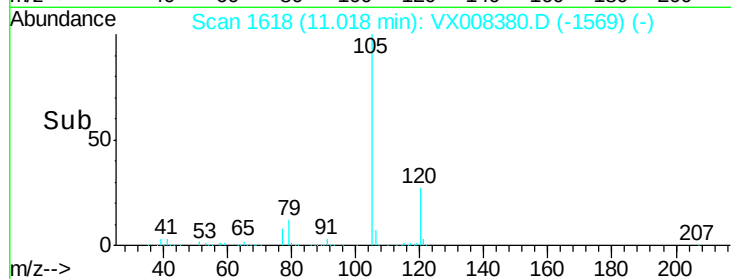
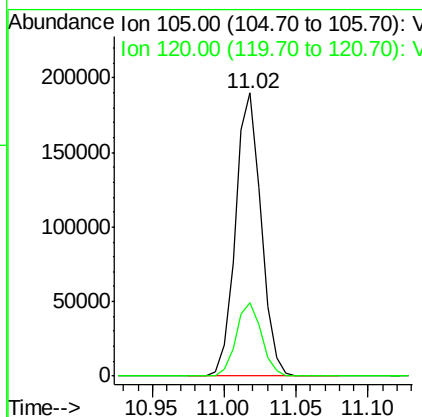
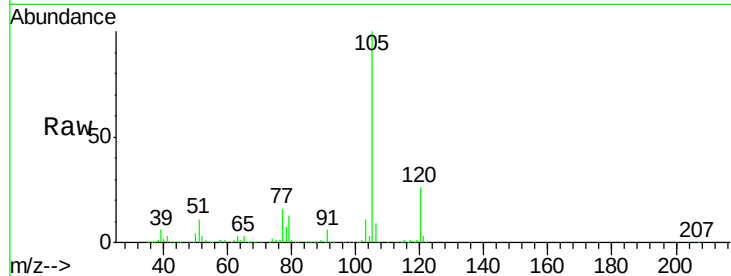
#73
Isopropylbenzene
Concen: 20.372 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	235650		
120	25.9		13.4	40.1

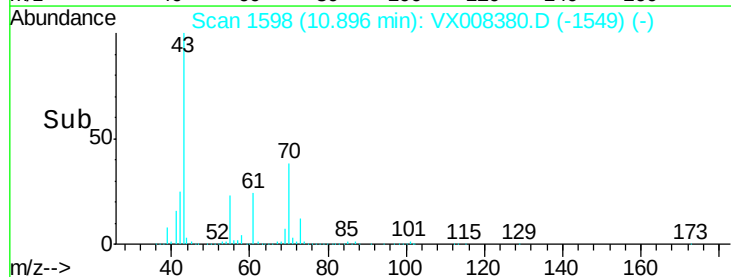
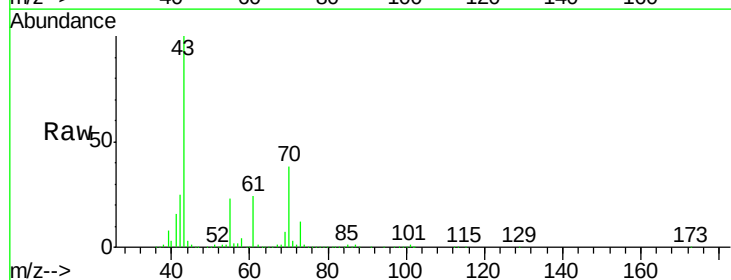
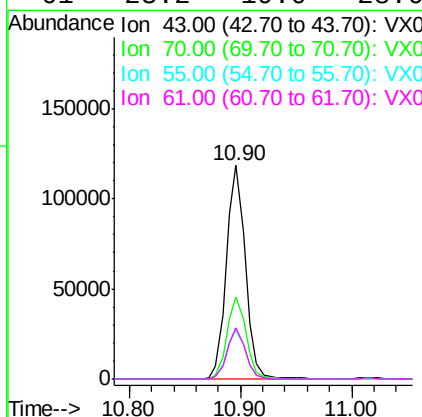
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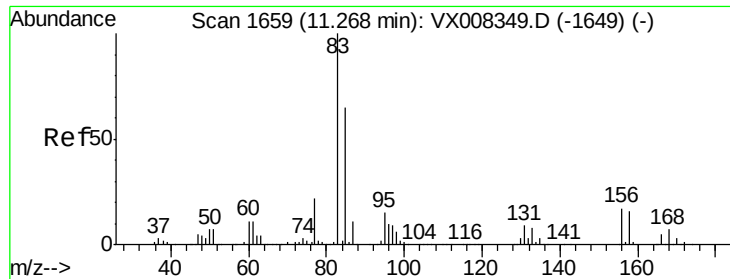
MMDadoda
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#74
N-ethyl acetate
Concen: 20.635 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008380.D
Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	139749		
70	38.6		33.5	50.3
55	23.2		19.2	28.8
61	23.2		19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.765 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

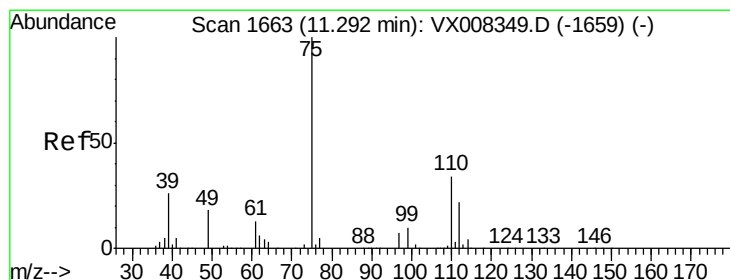
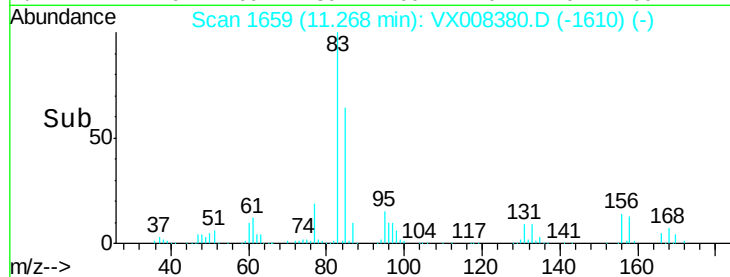
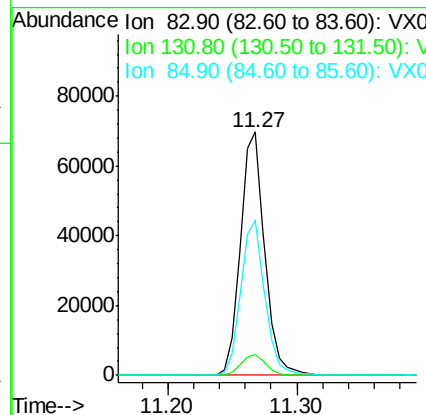
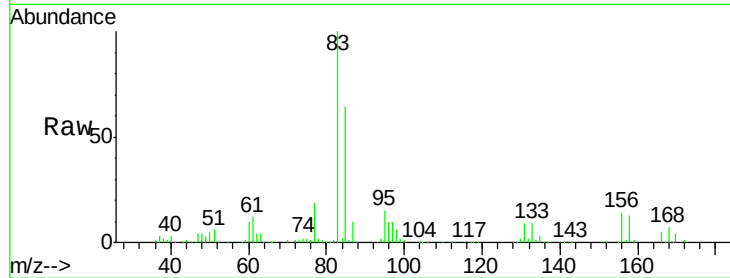
ClientSampleId :

VX0324WBS01

Tot Ion:	83	Resp:	91069
Ion Ratio	Lower	Upper	
83	100		
131	8.8	5.4	16.2
85	63.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.937 ug/l m

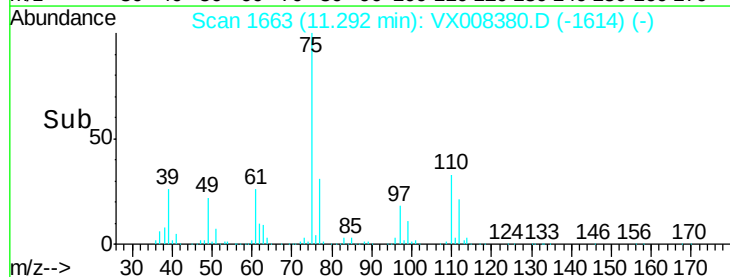
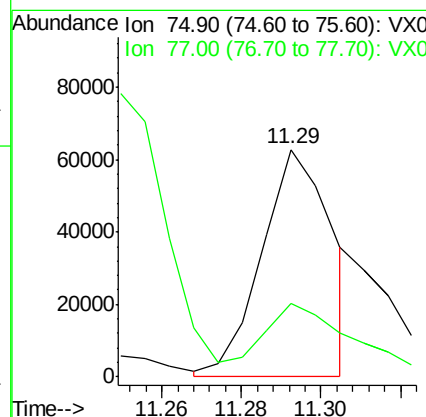
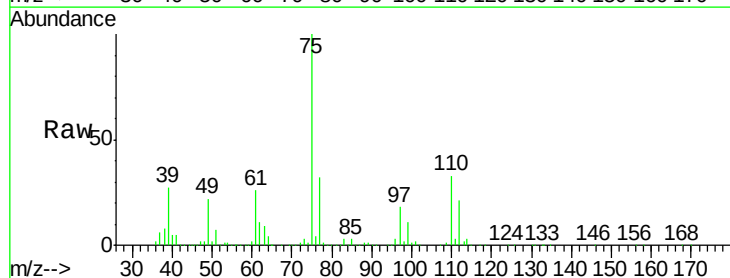
RT: 11.29 min Scan# 1663

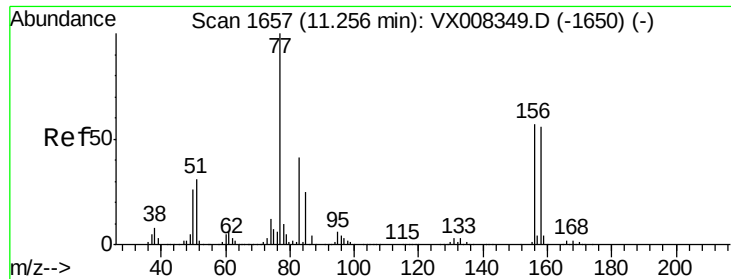
Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Tgt Ion:	75	Resp:	76492
Ion Ratio	Lower	Upper	
75	100		
77	42.7	18.9	56.7





#77

Bromobenzene

Concen: 19.859 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion:156 Resp: 54354

Ion Ratio Lower Upper

156 100

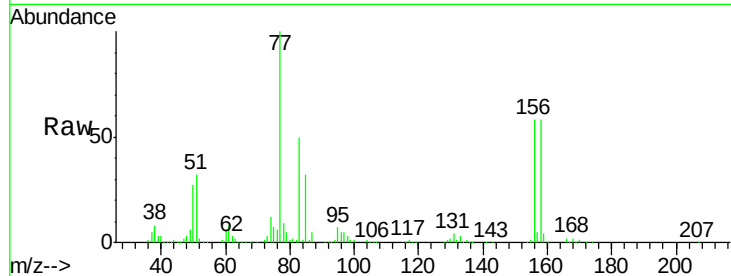
77 186.0 72.0 215.9

158 97.7 48.6 145.9

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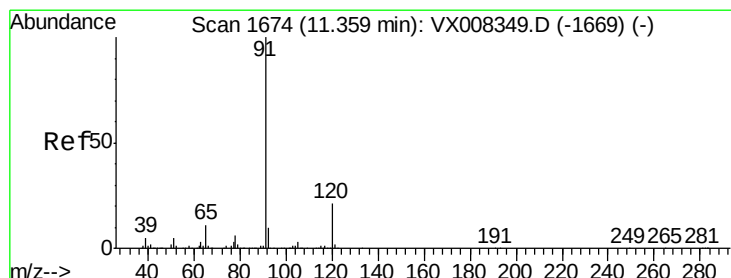
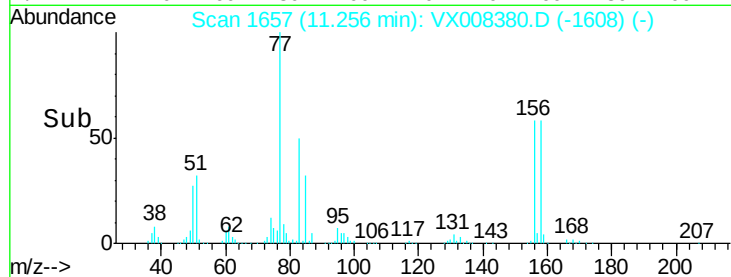
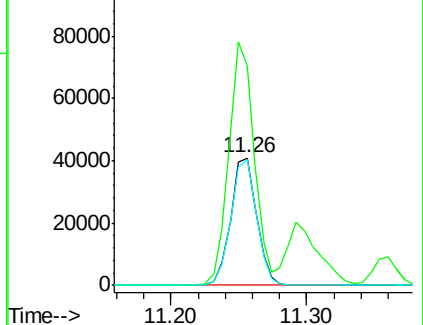
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.572 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008380.D

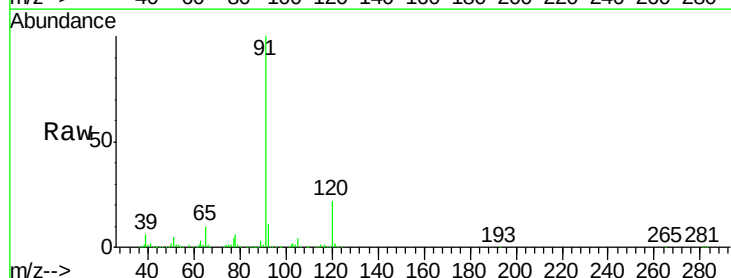
Acq: 24 Mar 2019 10:39

Tgt Ion: 91 Resp: 278914

Ion Ratio Lower Upper

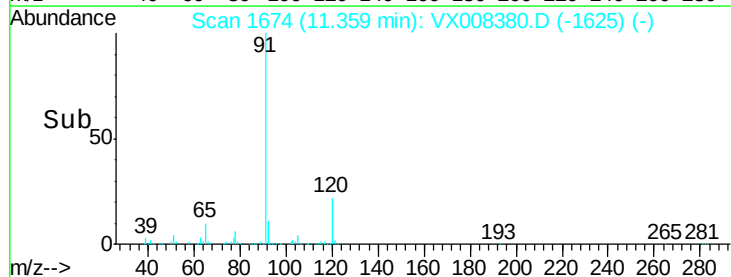
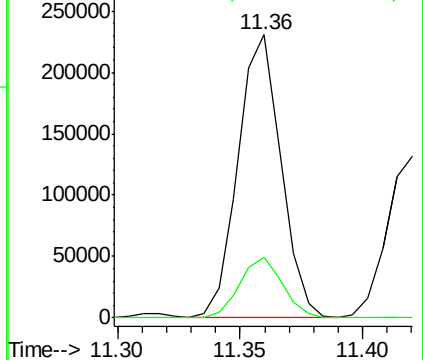
91 100

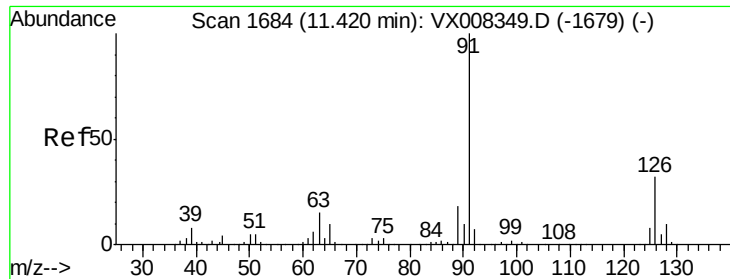
120 21.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.082 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampled :

VX0324WBS01

Tot Ion: 91 Resp: 165847

Ion Ratio Lower Upper

91 100

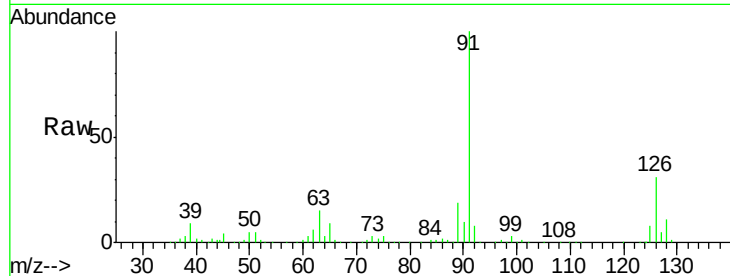
126 31.5 17.5 52.6

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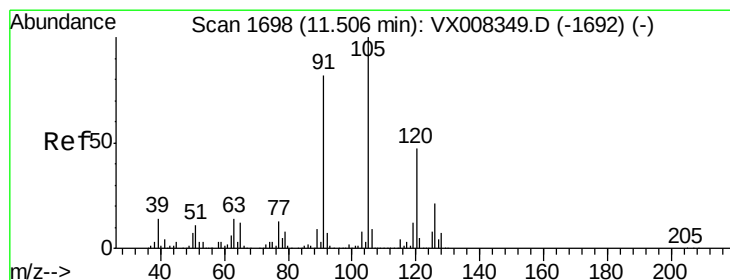
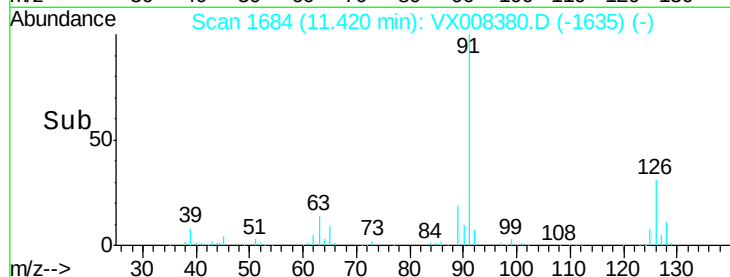
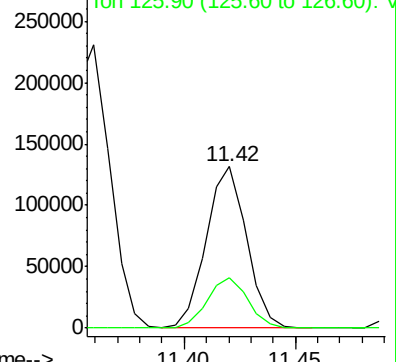
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Abundance Ion 91.00 (90.70 to 91.70): VX008349.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.397 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008380.D

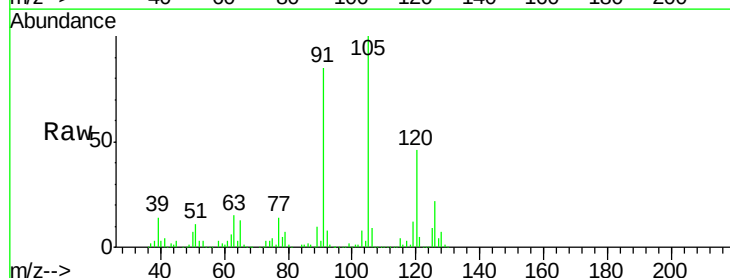
Acq: 24 Mar 2019 10:39

Tgt Ion: 105 Resp: 200714

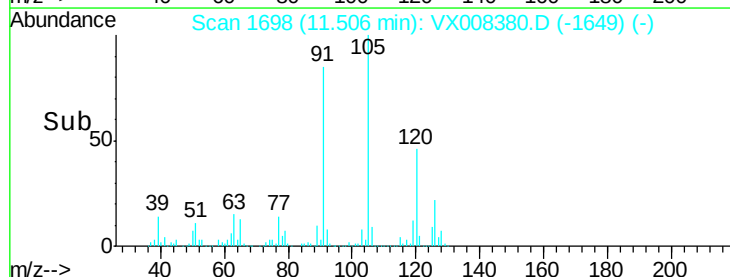
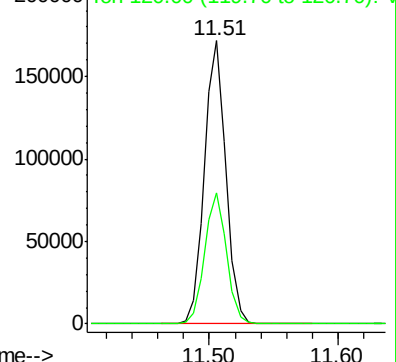
Ion Ratio Lower Upper

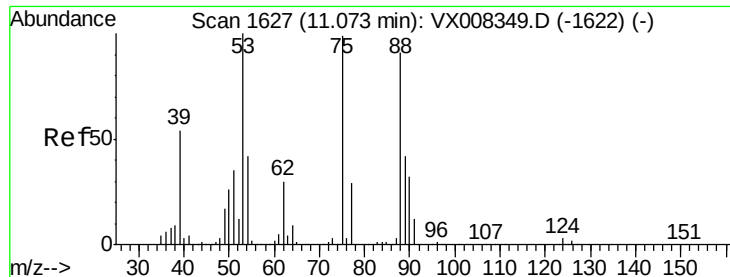
105 100

120 47.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008349.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.083 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion: 75 Resp: 25692

Ion Ratio Lower Upper

75 100

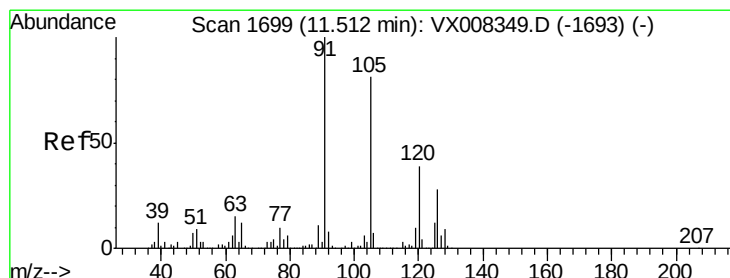
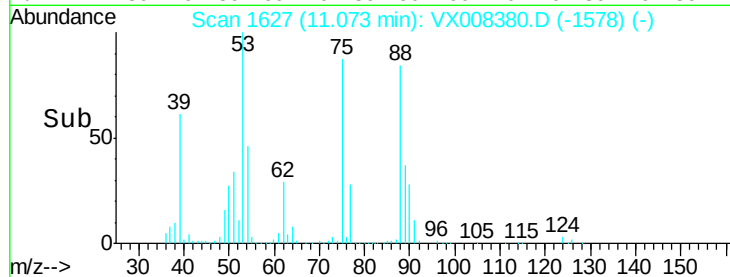
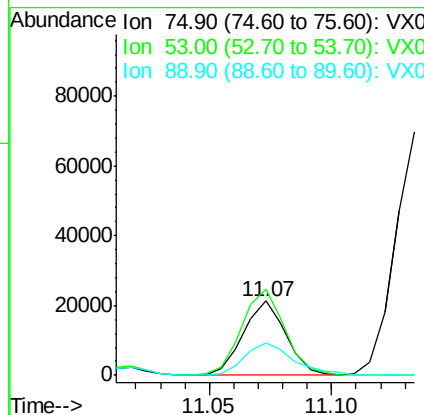
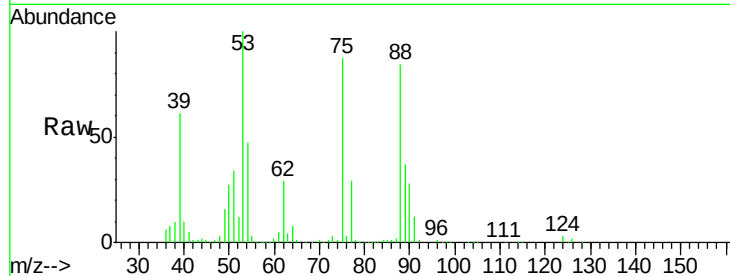
53 117.4 76.1 114.1#

89 50.9 36.3 54.5

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#82

4-Chlorotoluene

Concen: 19.996 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008380.D

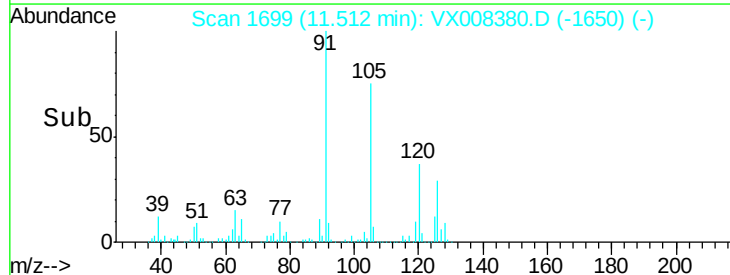
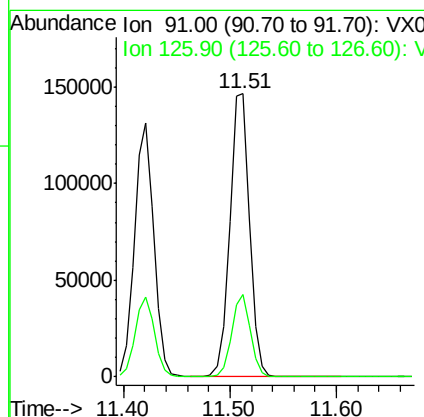
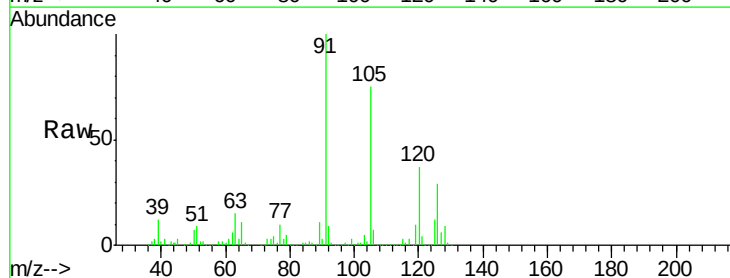
Acq: 24 Mar 2019 10:39

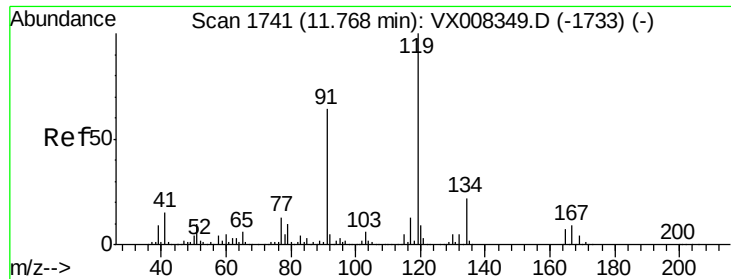
Tgt Ion: 91 Resp: 190283

Ion Ratio Lower Upper

91 100

126 27.6 15.6 46.8





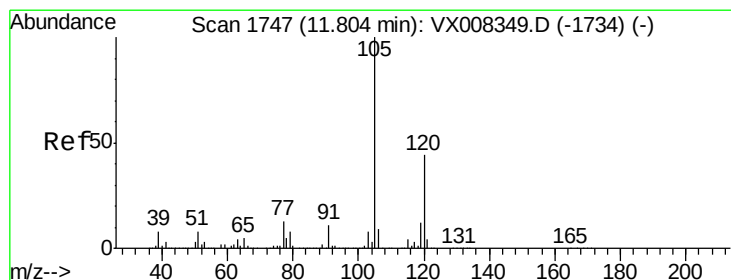
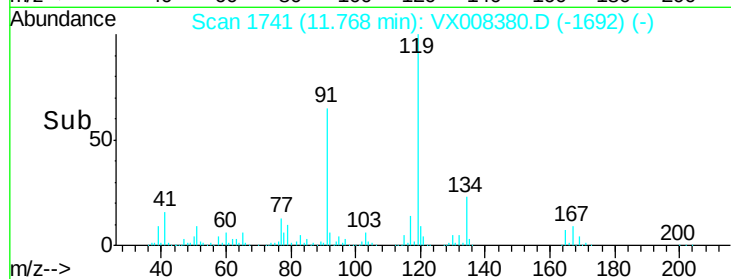
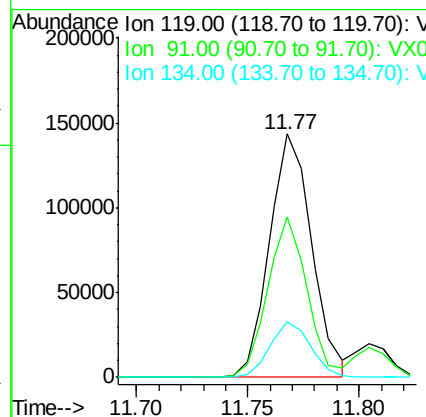
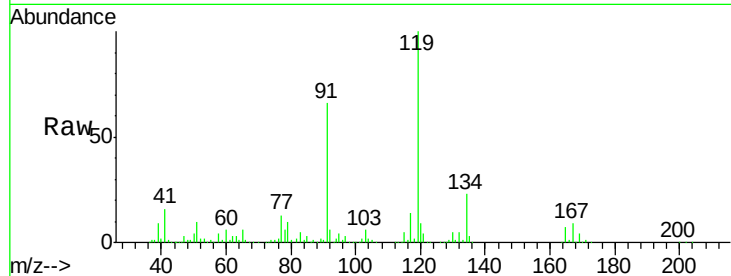
#83
 tert-Butylbenzene
 Concen: 20.201 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	189293		
91	61.3	27.1	81.3	
134	22.0	11.4	34.1	

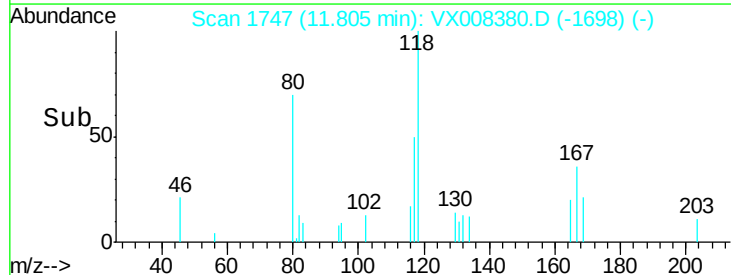
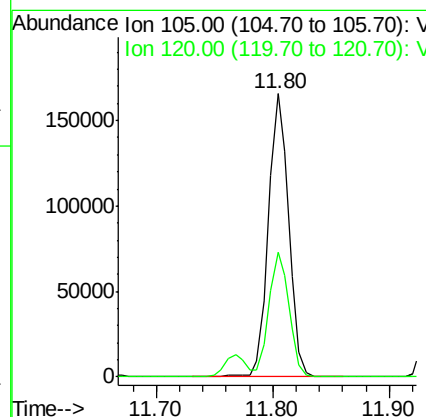
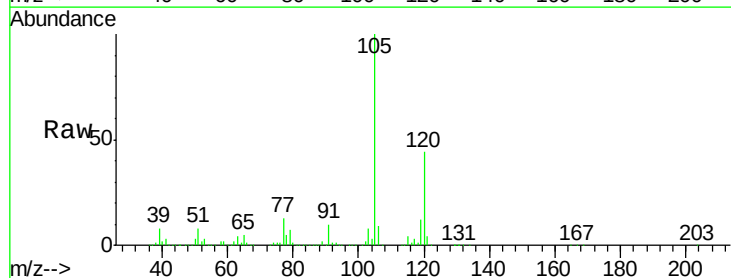
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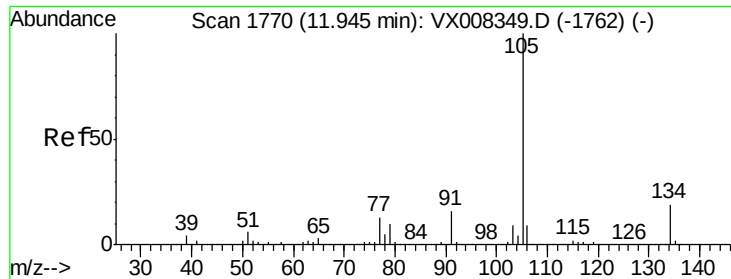
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.512 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201431		
120	43.3	22.6	67.7	





#85

sec-Butylbenzene

Concen: 20.421 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBS01

Tot Ion:105 Resp: 229336

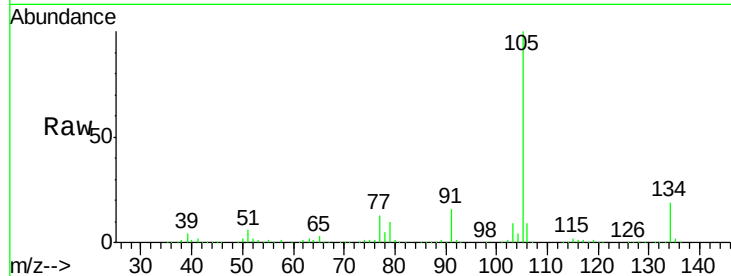
Ion Ratio Lower Upper

105 100

134 18.8 10.4 31.2

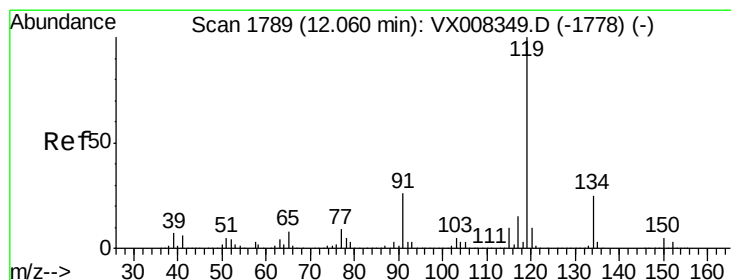
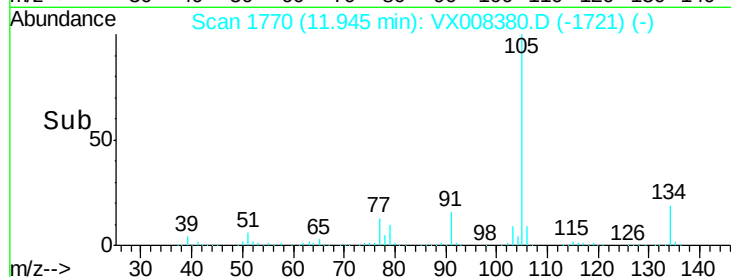
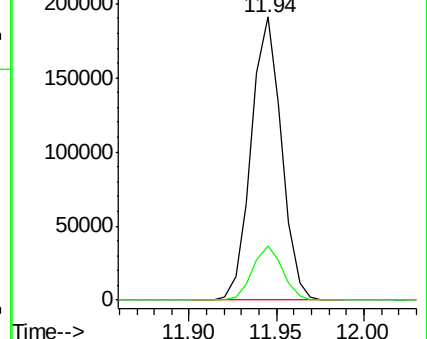
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.804 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

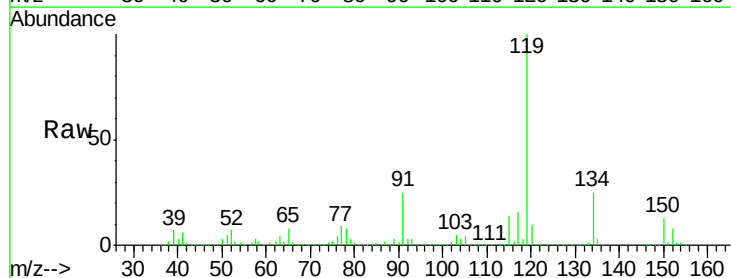
Tgt Ion:119 Resp: 205931

Ion Ratio Lower Upper

119 100

134 25.1 13.3 39.9

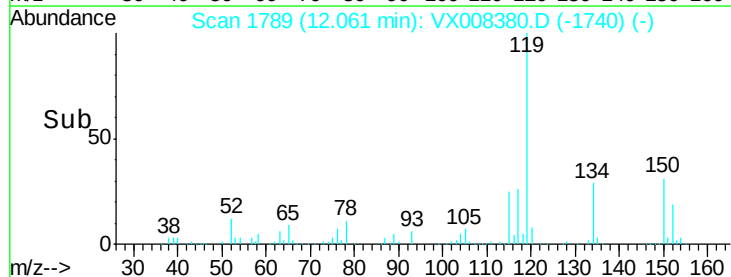
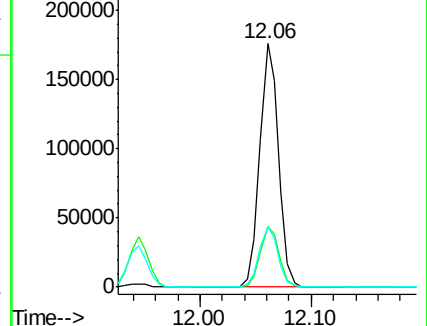
91 25.0 10.9 32.7

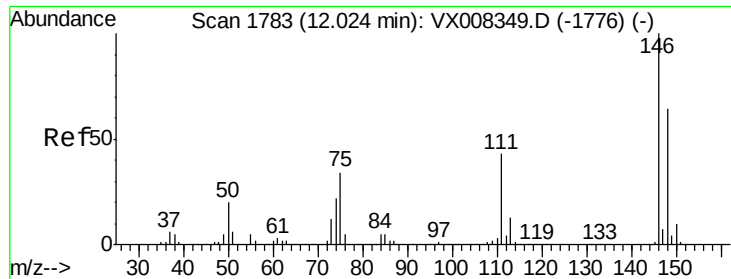


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





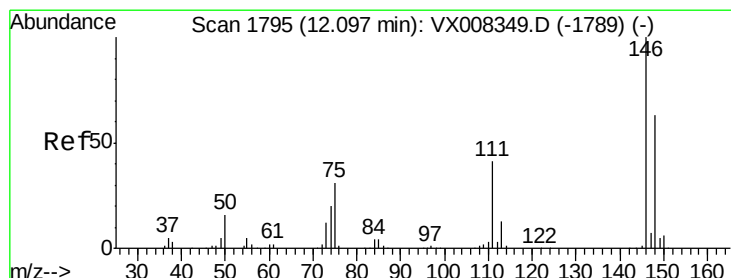
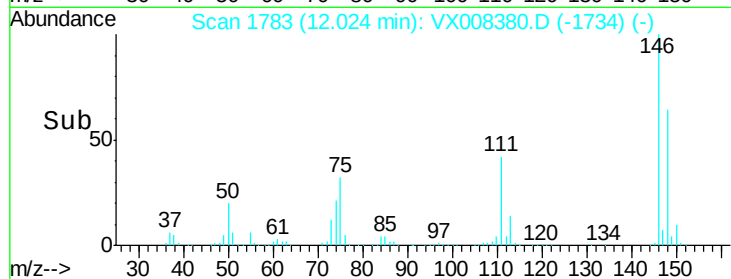
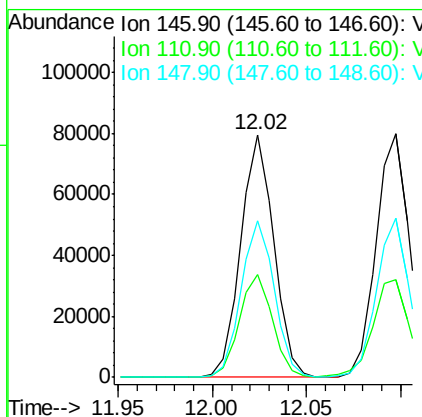
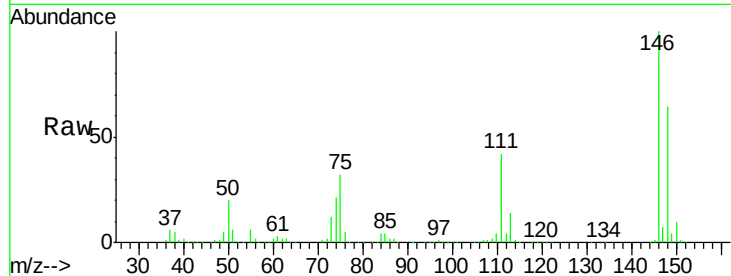
#87
 1,3-Dichlorobenzene
 Concen: 19.698 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Instrument :
 MSVOA_X
 ClientSampled :
 VX0324WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	18.9	56.7
148	64.8	31.7	95.1

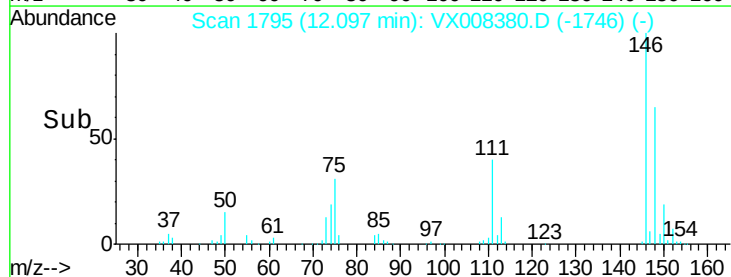
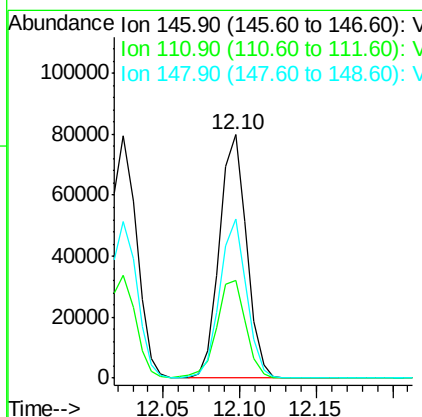
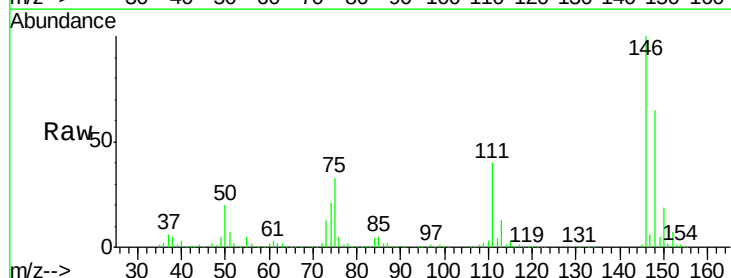
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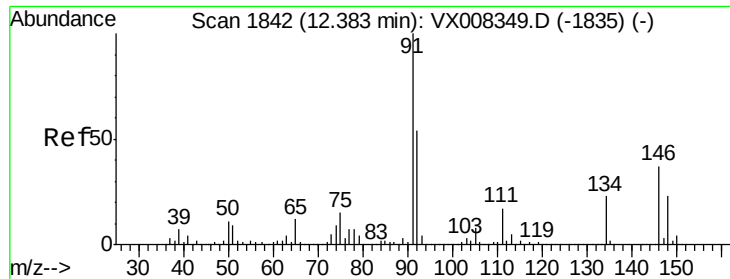
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#88
 1,4-Dichlorobenzene
 Concen: 19.696 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	18.4	55.0
148	64.4	32.2	96.6





#89

n-Butylbenzene

Concen: 20.127 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

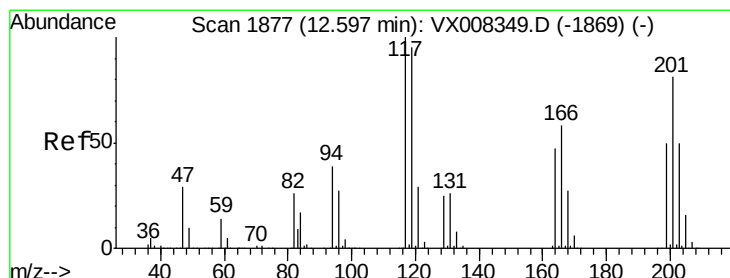
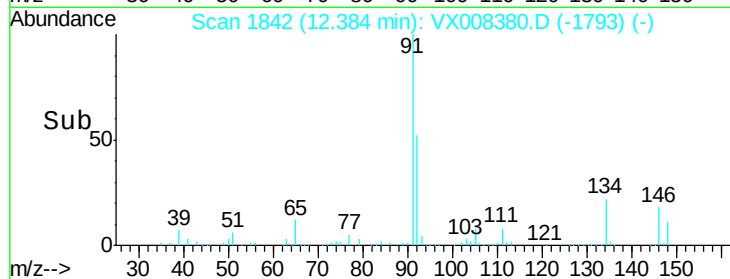
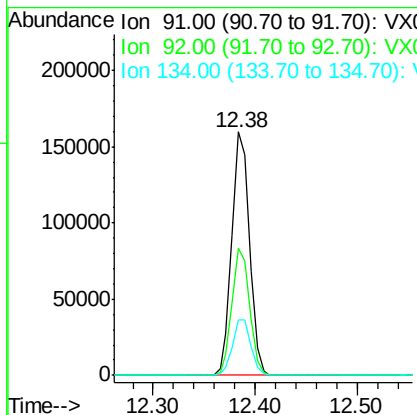
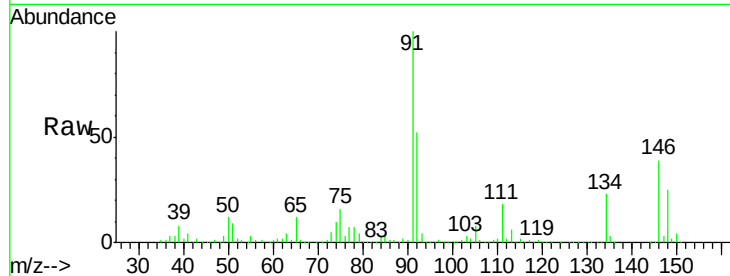
ClientSampleId :

VX0324WBS01

Tot Ion:	91	Resp:	190204
Ion Ratio		Lower	Upper
91	100		
92	52.0	27.0	80.8
134	23.6	13.7	41.0

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#90

Hexachloroethane

Concen: 19.651 ug/l

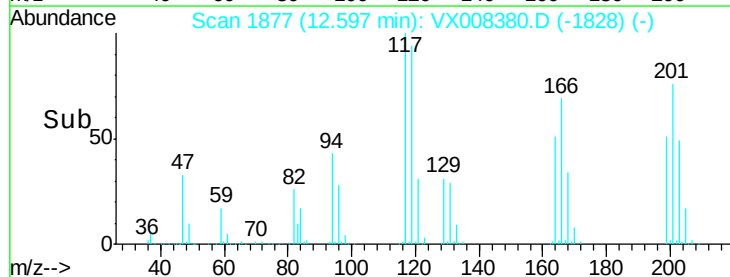
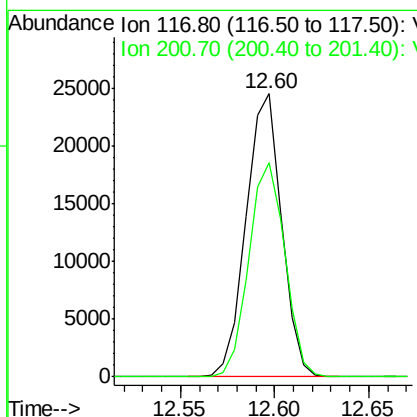
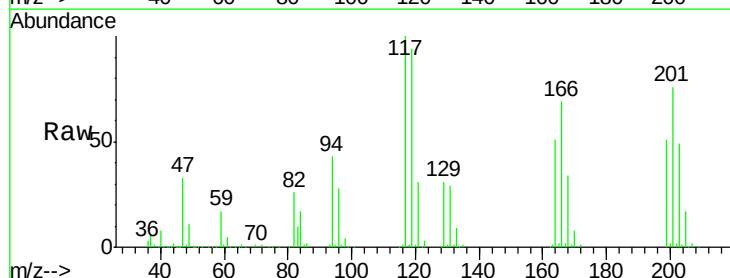
RT: 12.60 min Scan# 1877

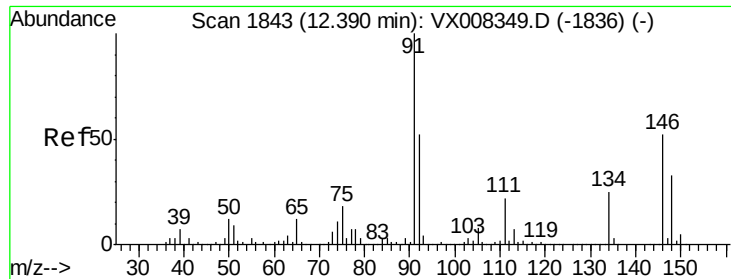
Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Tgt Ion:	117	Resp:	32131
Ion Ratio		Lower	Upper
117	100		
201	76.6	48.9	146.7





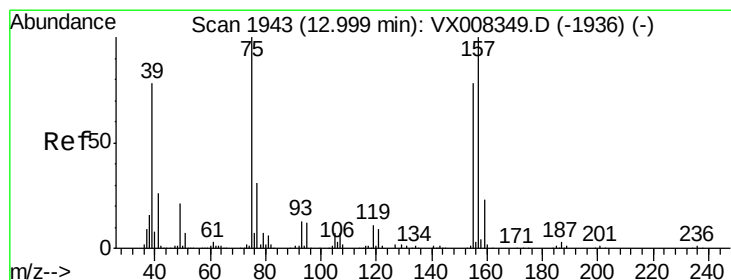
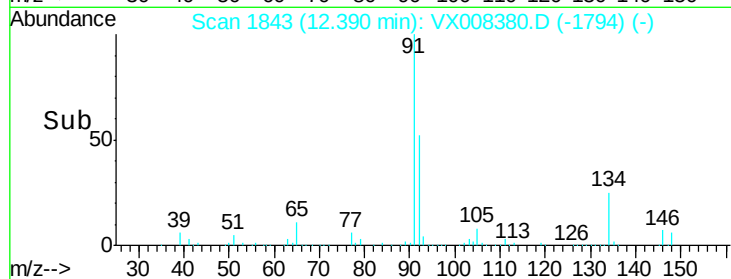
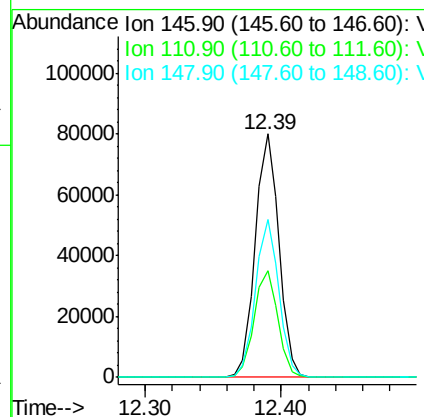
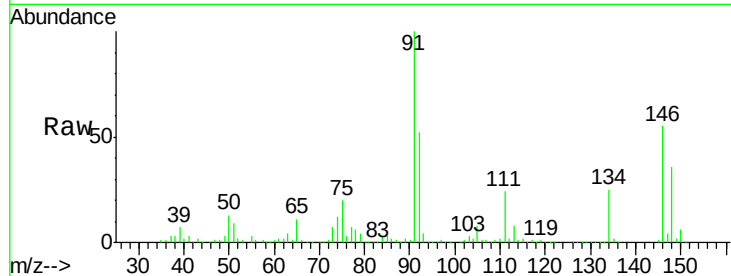
#91
 1,2-Dichlorobenzene
 Concen: 19.717 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	19.6	58.8
148	64.2	31.9	95.5

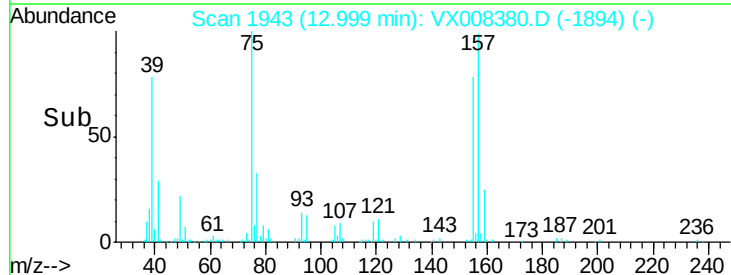
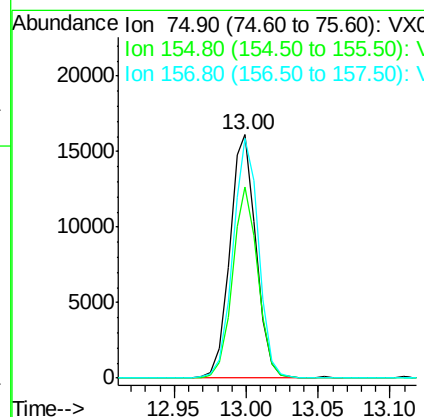
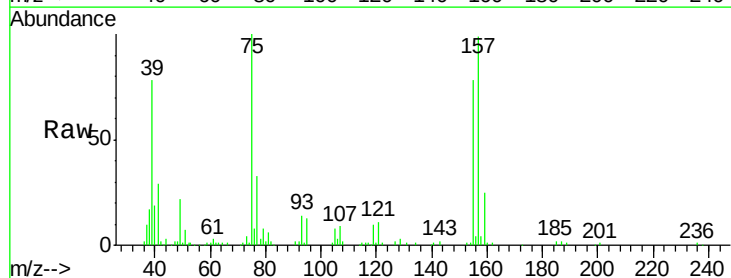
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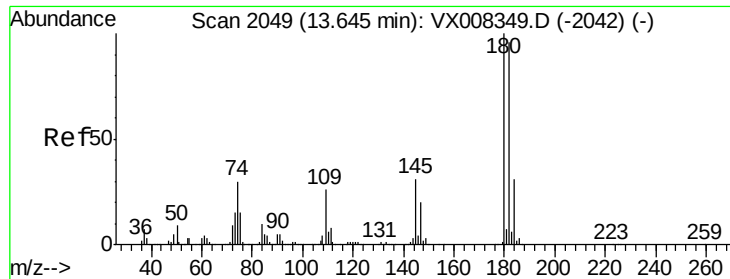
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.975 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	49.7	149.1
157	96.5	63.8	191.4





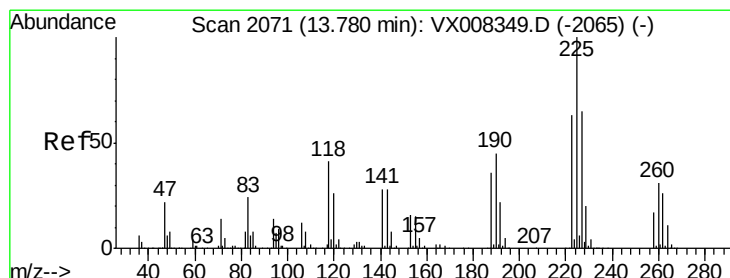
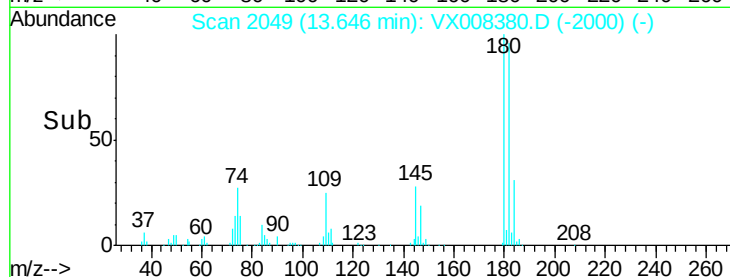
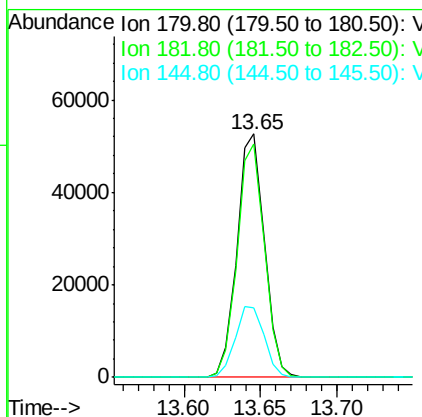
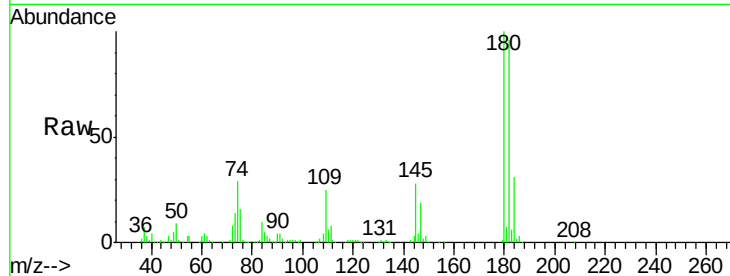
#93
 1,2,4-Trichlorobenzene
 Concen: 19.454 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	65314		
182	95.3	47.9	143.7	
145	30.8	14.1	42.4	

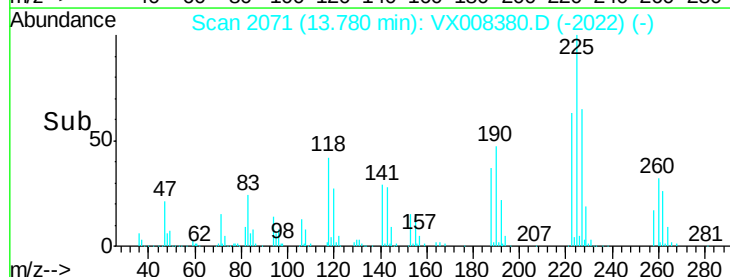
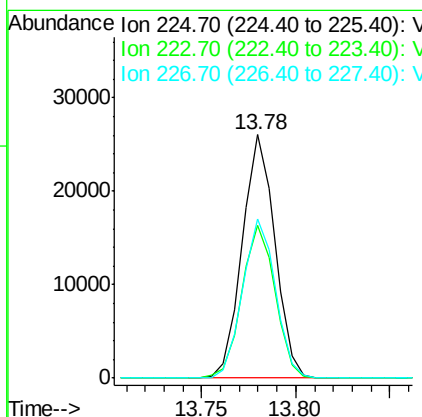
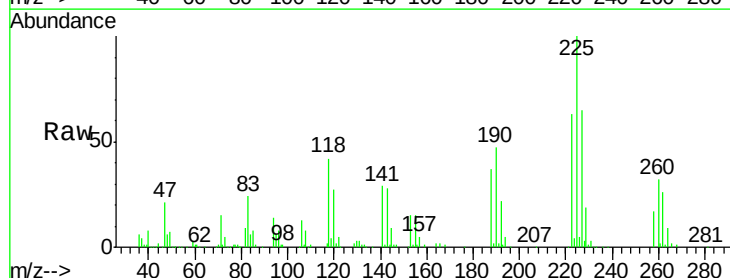
Manual Integrations
 APPROVED

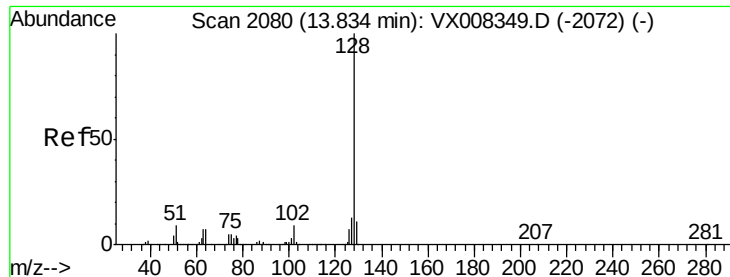
MMDadoda
 3/25/2019 11:24:19 AM



#94
 Hexachlorobutadiene
 Concen: 19.798 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008380.D
 Acq: 24 Mar 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31412		
223	63.6	31.1	93.2	
227	65.3	32.0	96.0	





#95

Naphthalene

Concen: 20.806 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Instrument :

MSVOA_X

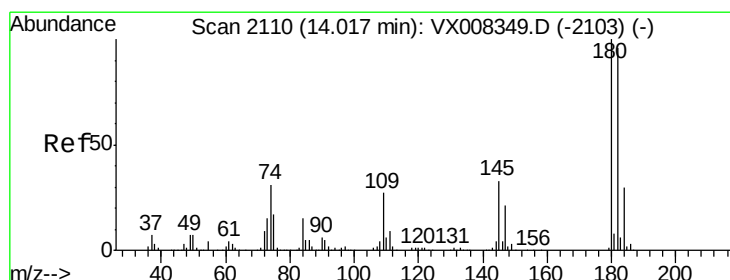
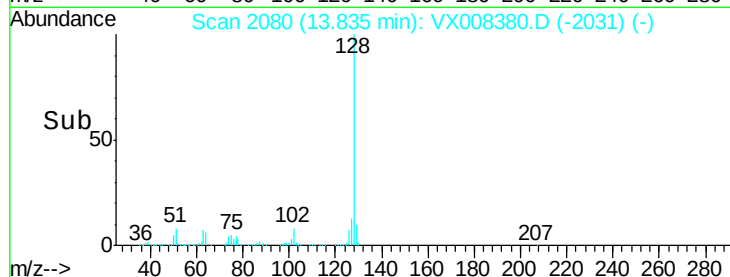
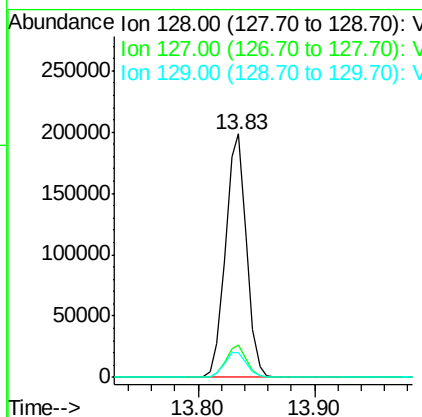
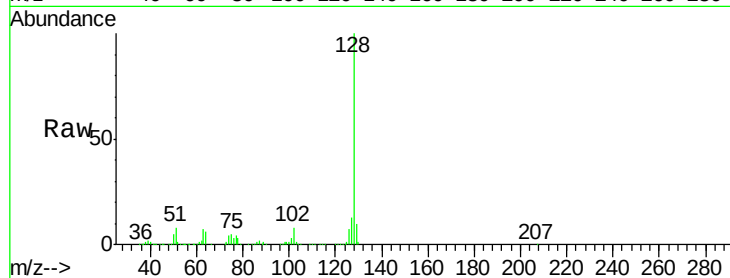
ClientSampleId :

VX0324WBS01

Tot Ion:	128	Resp:	245296
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.217 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008380.D

Acq: 24 Mar 2019 10:39

Tgt Ion:	180	Resp:	68490
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.5	142.5
145	33.4	14.8	44.3

