

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
 Data File : VX008572.D
 Acq On : 01 Apr 2019 16:33
 Operator : JC/SP
 Sample : VX0401WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 10:06:08 AM

Quant Time: Apr 02 02:03:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129968	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.50	113	97000	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.71	98	384106	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.13	95	142540	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33208	15.507	ug/l	98
3) Chloromethane	1.32	50	46105	16.631	ug/l	98
4) Vinyl Chloride	1.40	62	46774	15.644	ug/l	98
5) Bromomethane	1.64	94	12708	9.613	ug/l	99
6) Chloroethane	1.71	64	33778	19.070	ug/l	100
7) Trichlorofluoromethane	1.93	101	55050	16.257	ug/l	99
8) Diethyl Ether	2.18	74	27653	17.255	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35824	17.505	ug/l	99
10) Methyl Iodide	2.51	142	10623	9.023	ug/l	98
11) Tert butyl alcohol	3.04	59	59952	98.248	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36388	17.217	ug/l	97
13) Acrolein	2.29	56	25292	57.076	ug/l	96
14) Allyl chloride	2.73	41	82003	17.611	ug/l	99
15) Acrylonitrile	3.14	53	149141	93.208	ug/l	99
16) Acetone	2.44	43	130531	90.679	ug/l	99
17) Carbon Disulfide	2.57	76	100915	16.384	ug/l	98
18) Methyl Acetate	2.77	43	66990	19.377	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	141481	18.576	ug/l	100
20) Methylene Chloride	2.85	84	45297	18.882	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38469	18.093	ug/l	94
22) Diisopropyl ether	3.85	45	170499	18.596	ug/l	97
23) Vinyl Acetate	3.81	43	748265	93.544	ug/l	100
24) 1,1-Dichloroethane	3.70	63	83290	17.994	ug/l	100
25) 2-Butanone	4.67	43	221190	95.846	ug/l	99
26) 2,2-Dichloropropane	4.58	77	54064	17.561	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	46321	17.923	ug/l	99
28) Bromochloromethane	5.02	49	43478	19.012	ug/l	99
29) Tetrahydrofuran	5.13	42	146605	96.388	ug/l	99
30) Chloroform	5.21	83	76131	18.225	ug/l	100
31) Cyclohexane	5.58	56	75692	17.146	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61046	18.282	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56612	17.221	ug/l	99
37) Ethyl Acetate	4.84	43	82393	19.347	ug/l	99
38) Carbon Tetrachloride	5.79	117	49602	18.081	ug/l	97

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67867	17.275	ug/l	98
40) Benzene	6.14	78	181369	18.429	ug/l	99
41) Methacrylonitrile	5.04	41	46100	19.262	ug/l	99
42) 1,2-Dichloroethane	6.19	62	64996	18.038	ug/l	100
43) Isopropyl Acetate	6.45	43	129101	18.953	ug/l	100
44) Trichloroethene	7.21	130	40797	17.655	ug/l	98
45) 1,2-Dichloropropane	7.51	63	51495	18.409	ug/l	99
46) Dibromomethane	7.66	93	29389	17.991	ug/l	98
47) Bromodichloromethane	7.90	83	57975	18.542	ug/l	99
48) Methyl methacrylate	7.77	41	64885	19.037	ug/l	98
49) 1,4-Dioxane	7.74	88	25455	375.612	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	437672	98.924	ug/l	100
52) Toluene	8.78	92	107186	18.215	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62078	18.127	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70158	18.016	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	44662	18.645	ug/l	98
56) Ethyl methacrylate	9.18	69	80718	18.668	ug/l	98
57) 1,3-Dichloropropane	9.37	76	79305	18.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	222039	99.343	ug/l	100
59) 2-Hexanone	9.49	43	338854	98.843	ug/l	99
60) Dibromochloromethane	9.58	129	42018	18.445	ug/l	97
61) 1,2-Dibromoethane	9.67	107	45042	18.426	ug/l	100
64) Tetrachloroethene	9.34	164	34656	18.429	ug/l	98
65) Chlorobenzene	10.14	112	109071	18.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38457	18.453	ug/l	99
67) Ethyl Benzene	10.25	91	207416	18.194	ug/l	100
68) m/p-Xylenes	10.36	106	146898	35.419	ug/l	99
69) o-Xylene	10.69	106	74076	18.405	ug/l	98
70) Styrene	10.71	104	125672	18.077	ug/l	100
71) Bromoform	10.85	173	29542	17.949	ug/l #	99
73) Isopropylbenzene	11.02	105	194040	18.616	ug/l	100
74) N-amyl acetate	10.90	43	116459	19.303	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	76896	19.014	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	64866m	17.030	ug/l	
77) Bromobenzene	11.26	156	46198	18.262	ug/l	99
78) n-propylbenzene	11.36	91	222117	18.191	ug/l	100
79) 2-Chlorotoluene	11.42	91	136680	18.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	162887	18.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20412	17.164	ug/l	93
82) 4-Chlorotoluene	11.51	91	153229	17.887	ug/l	99
83) tert-Butylbenzene	11.77	119	155800	18.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	162643	18.248	ug/l	100
85) sec-Butylbenzene	11.94	105	185778	18.349	ug/l	100
86) p-Isopropyltoluene	12.06	119	165110	18.482	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80416	17.792	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80336	17.611	ug/l	98
89) n-Butylbenzene	12.38	91	149822	17.703	ug/l	100
90) Hexachloroethane	12.60	117	26395	17.735	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	84305	18.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16582	18.804	ug/l	99

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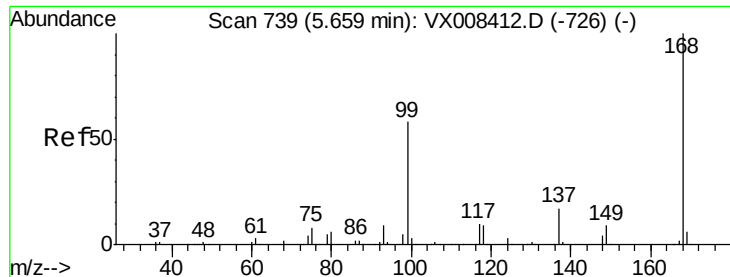
Manual Integrations
APPROVED

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QLast Update : Tue Mar 26 07:57:20 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55847	18.326	ug/l	99
94) Hexachlorobutadiene	13.78	225	27130	18.749	ug/l	100
95) Naphthalene	13.83	128	206342	19.750	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	58518	19.110	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion:168 Resp: 181672

Ion Ratio Lower Upper

168 100

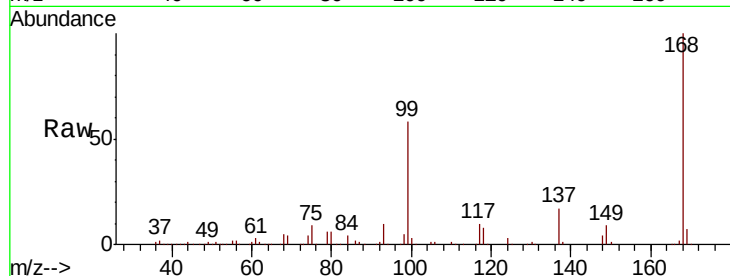
99 58.3 46.0 69.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

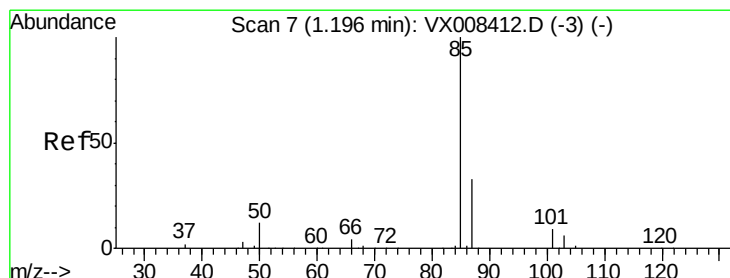
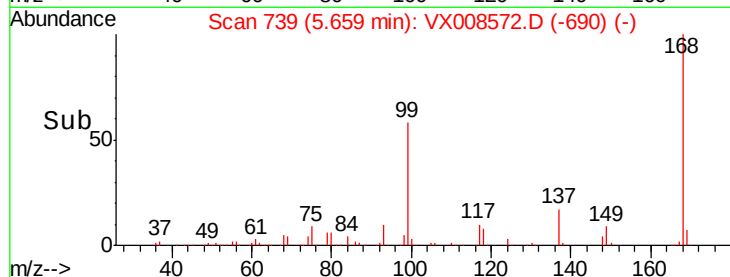
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.507 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008572.D

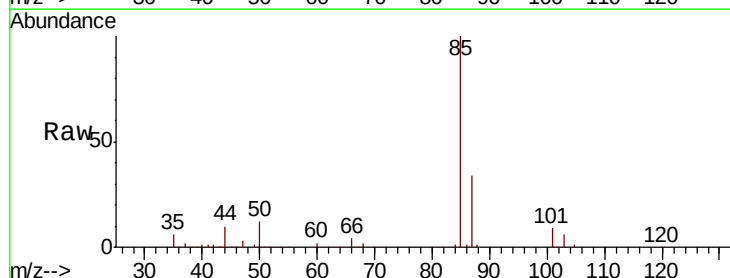
Acq: 01 Apr 2019 16:33

Tgt Ion: 85 Resp: 33208

Ion Ratio Lower Upper

85 100

87 34.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

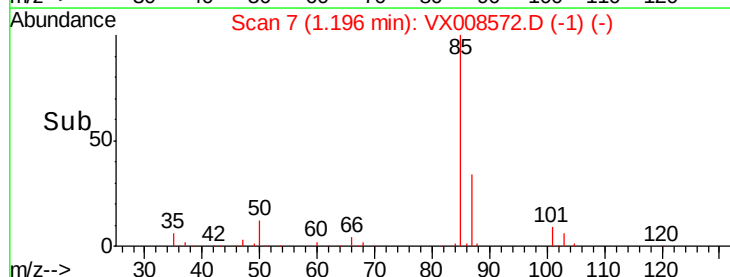
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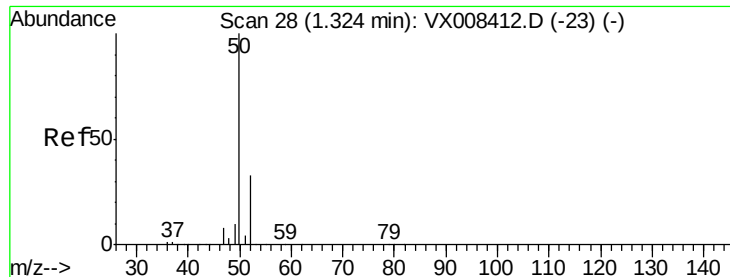
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.631 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion: 50 Resp: 46105

Ion Ratio Lower Upper

50 100

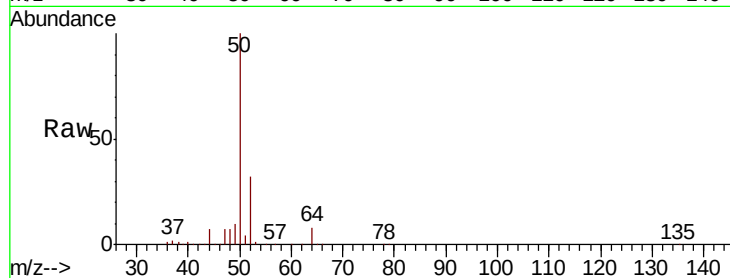
52 31.9 26.2 39.2

Manual Integrations

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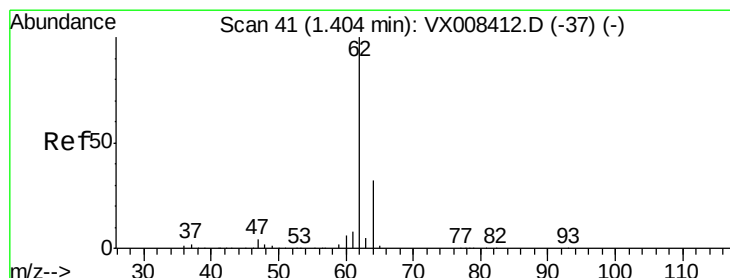
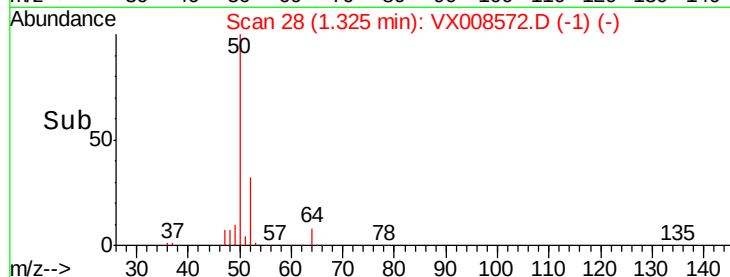
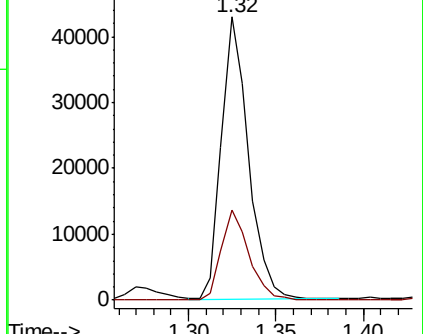
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.644 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008572.D

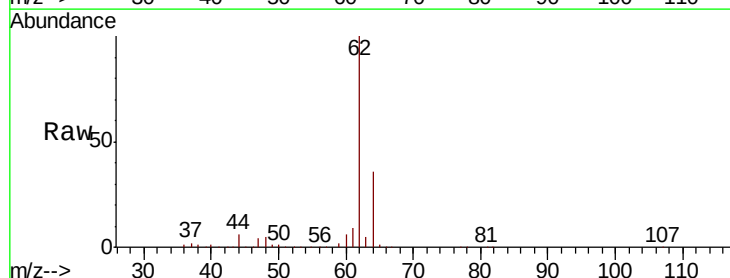
Acq: 01 Apr 2019 16:33

Tgt Ion: 62 Resp: 46774

Ion Ratio Lower Upper

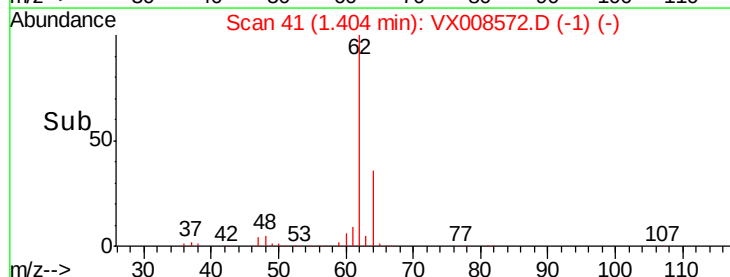
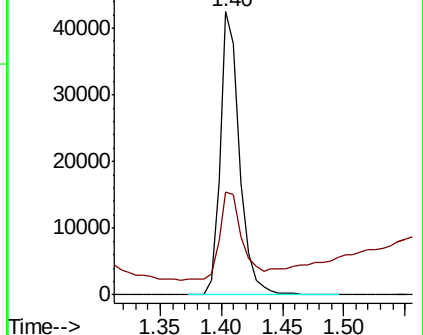
62 100

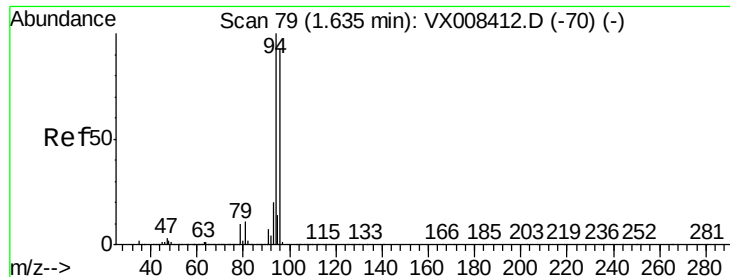
64 30.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 9.613 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion: 94 Resp: 12708

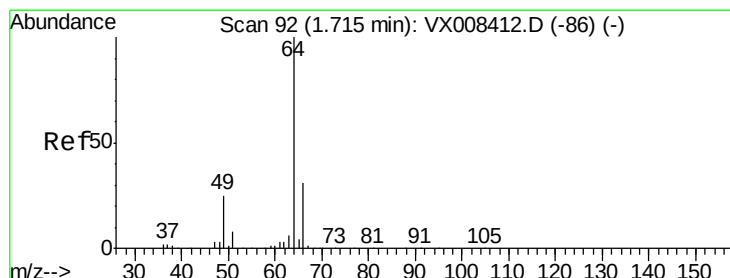
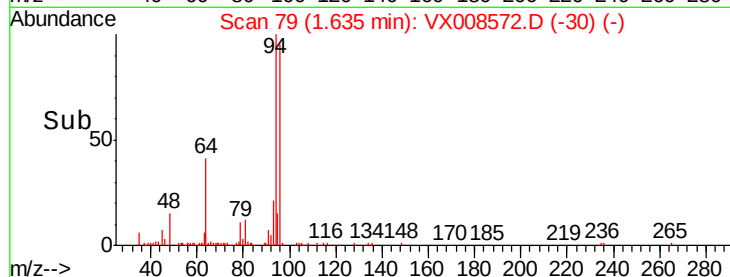
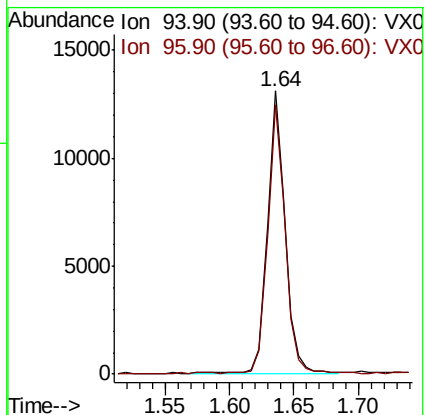
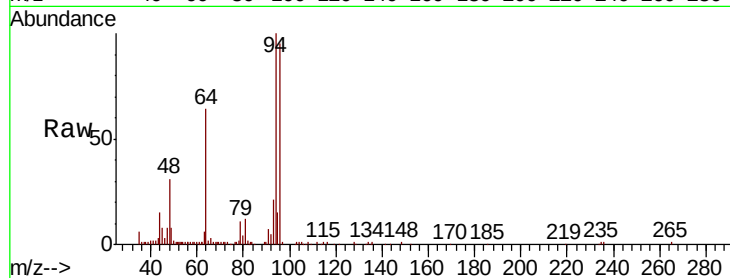
Ion Ratio Lower Upper

94 100

96 94.9 74.8 112.2

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#6

Chloroethane

Concen: 19.070 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008572.D

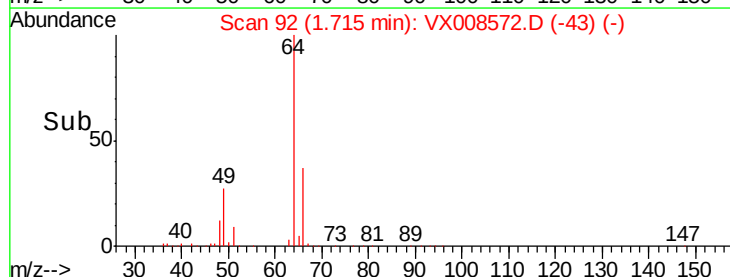
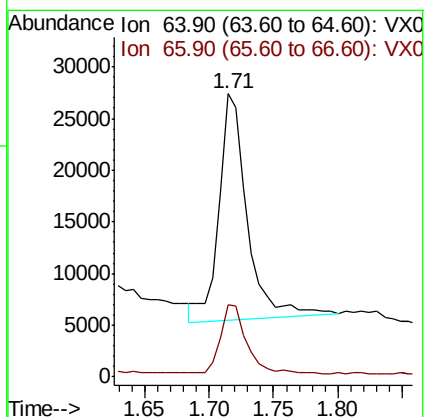
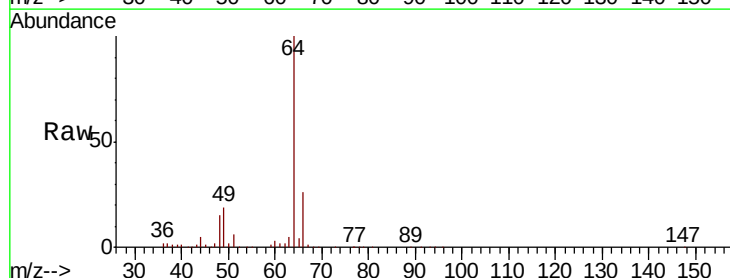
Acq: 01 Apr 2019 16:33

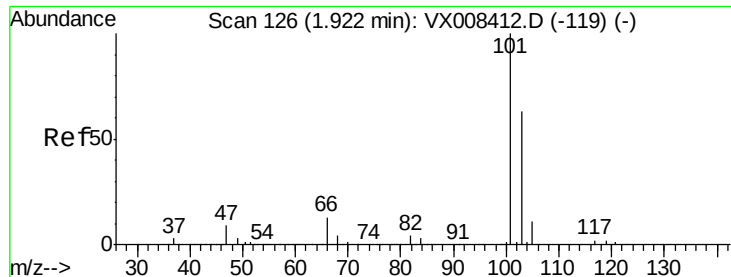
Tgt Ion: 64 Resp: 33778

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7





#7

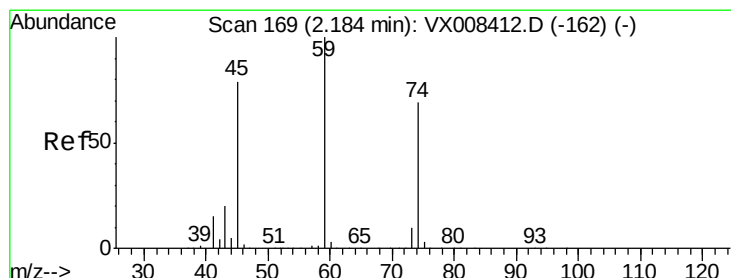
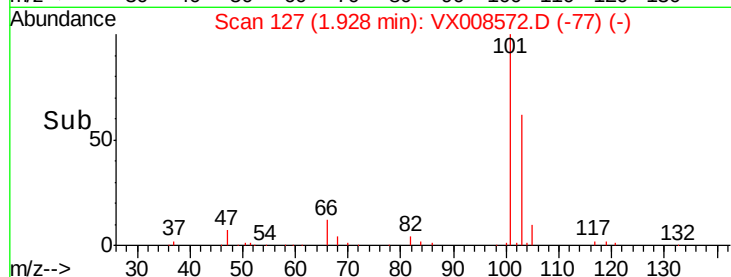
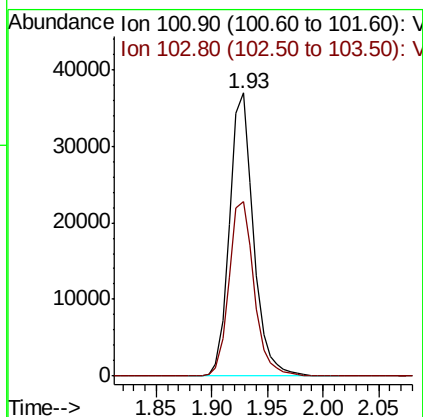
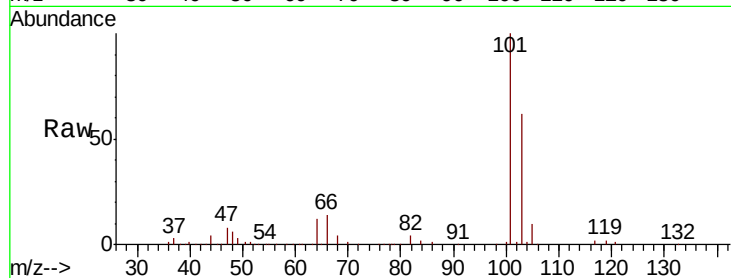
Trichlorofluoromethane
 Concen: 16.257 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
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 ClientSampleId :
 VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	50.2	75.4

Manual Integrations
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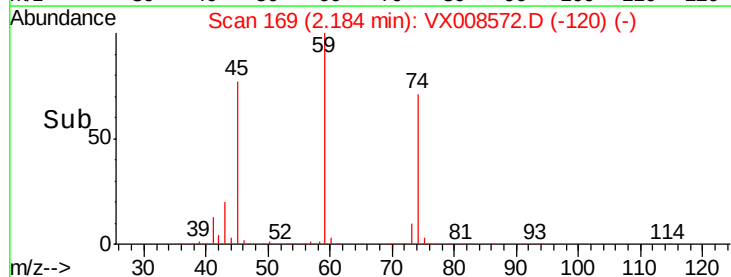
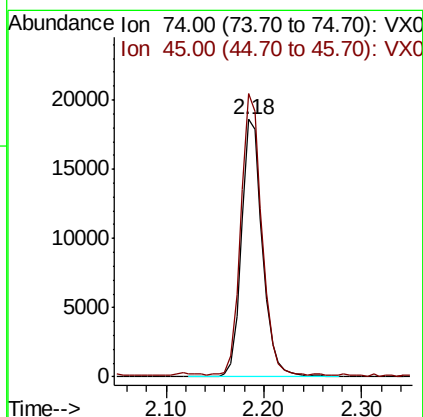
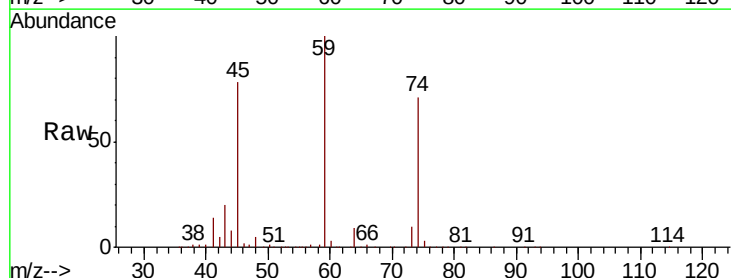
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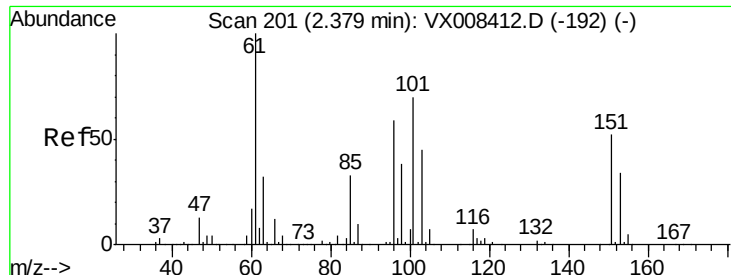


#8

Diethyl Ether
 Concen: 17.255 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.0	56.4	169.2





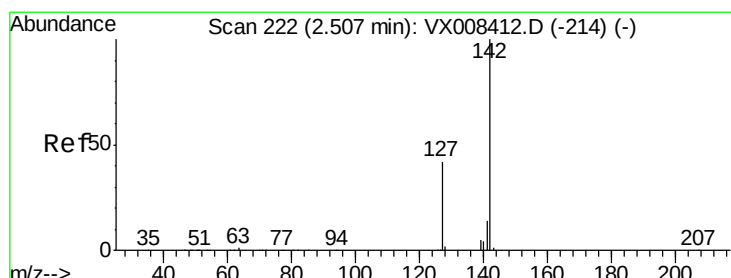
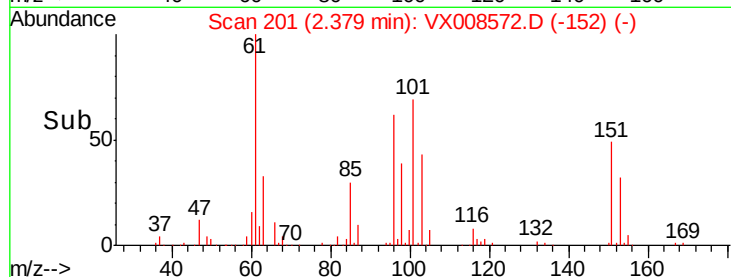
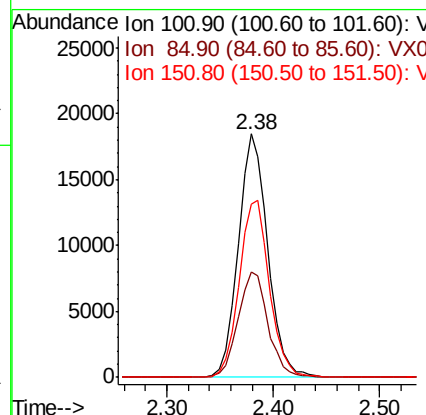
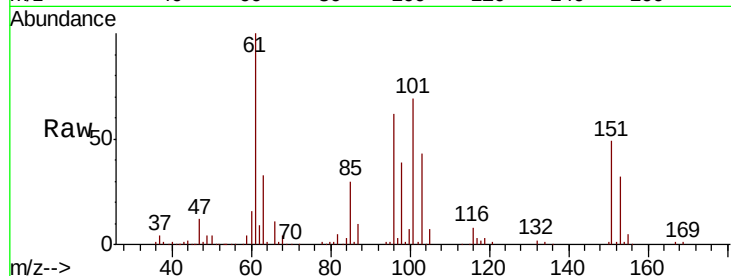
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.505 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	35824		
85	44.2	36.0	54.0	
151	74.6	59.2	88.8	

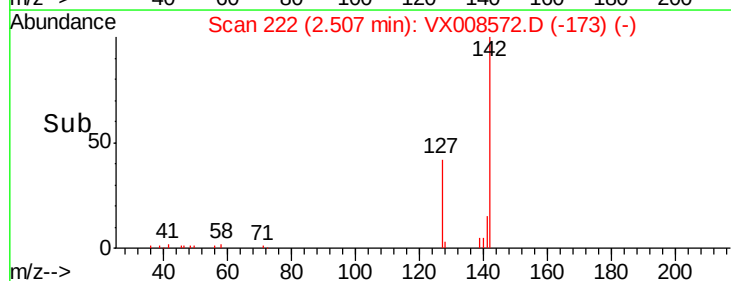
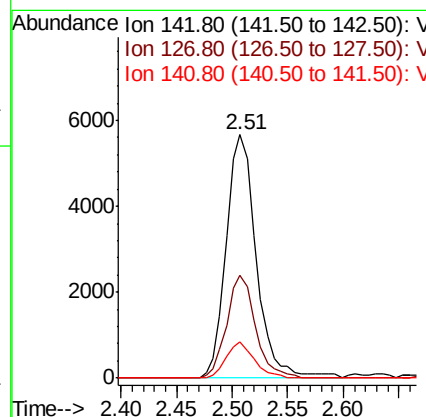
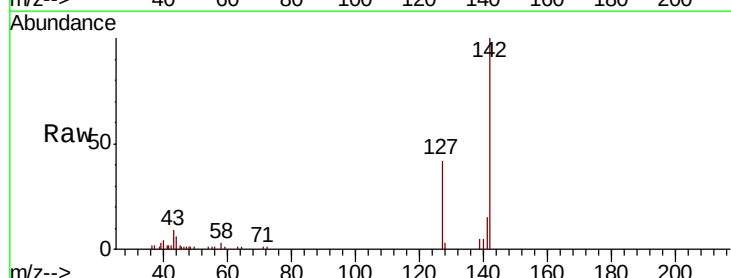
Manual Integrations
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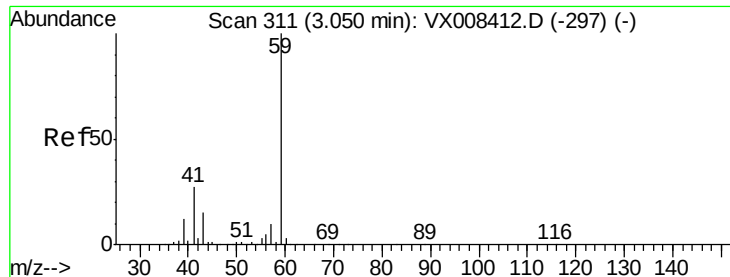
MMDadoda
 4/2/2019 10:06:08 AM



#10
 Methyl Iodide
 Concen: 9.023 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	10623		
127	40.5	33.6	50.4	
141	14.0	11.3	16.9	





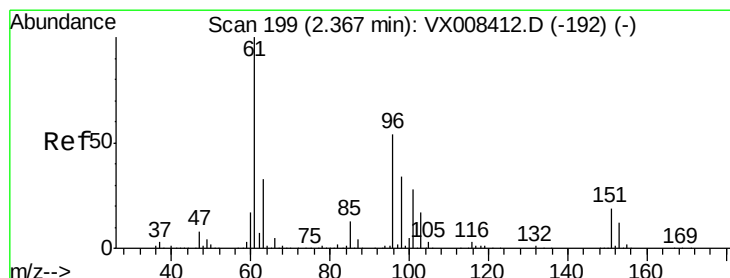
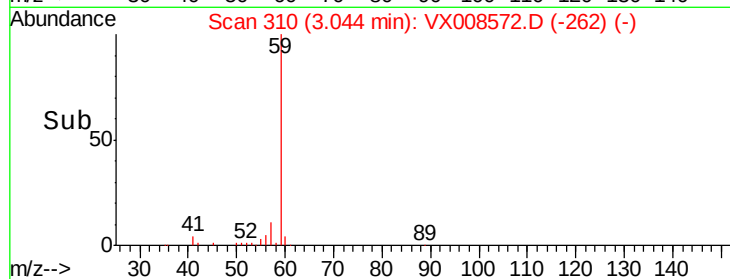
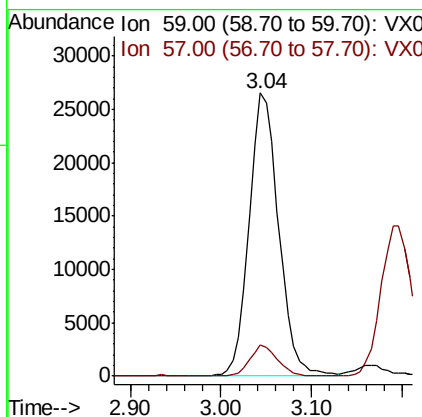
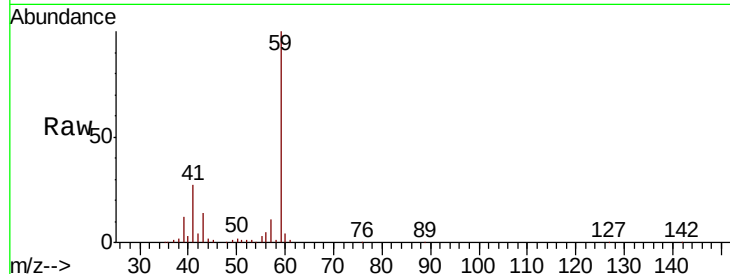
#11
Tert butyl alcohol
Concen: 98.248 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

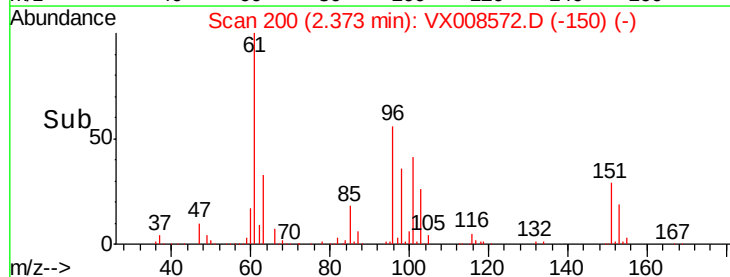
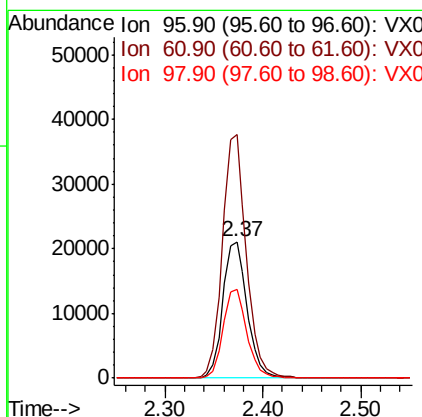
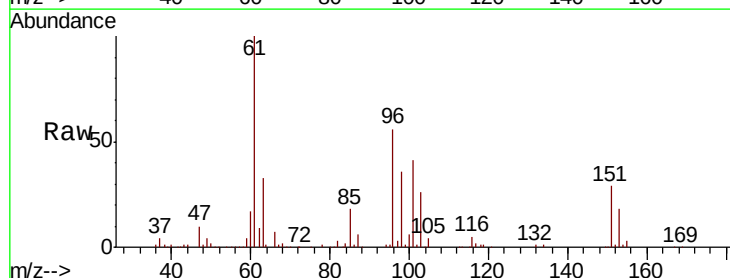
Manual Integrations
APPROVED

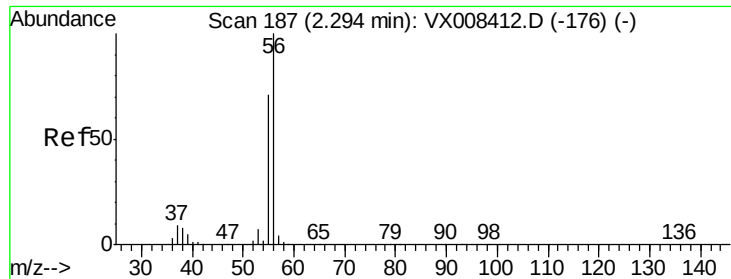
MMDadoda
4/2/2019 10:06:08 AM



#12
1,1-Dichloroethene
Concen: 17.217 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.3	146.9	220.3
98	64.7	50.1	75.1





#13

Acrolein

Concen: 57.076 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampled :

VX0401WBSD01

Tot Ion: 56 Resp: 25292

Ion Ratio Lower Upper

56 100

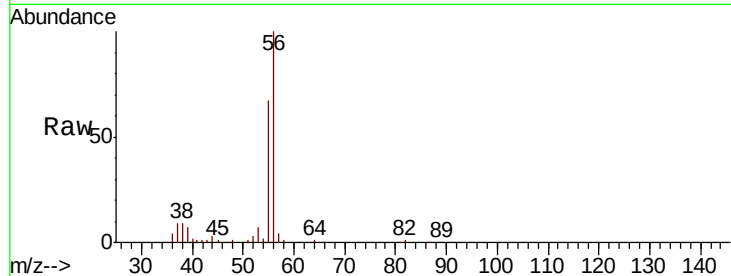
55 67.7 56.5 84.7

Manual Integrations

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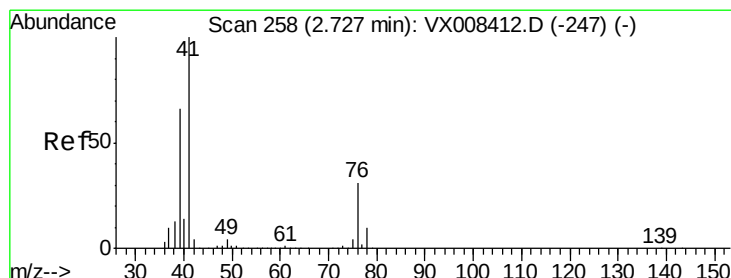
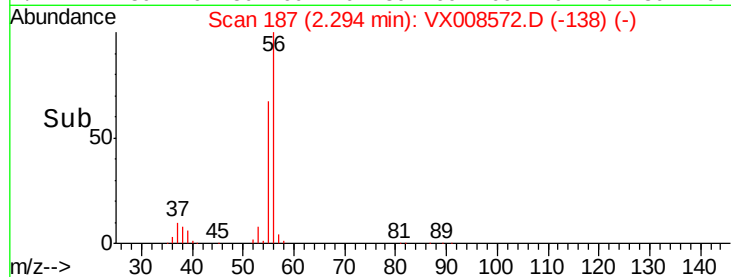
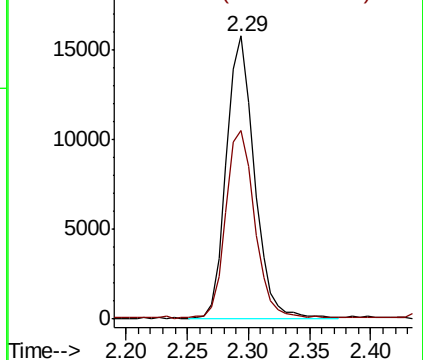
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.611 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

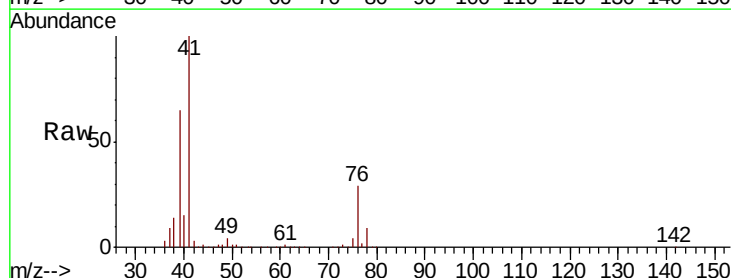
Tgt Ion: 41 Resp: 82003

Ion Ratio Lower Upper

41 100

39 61.6 49.6 74.4

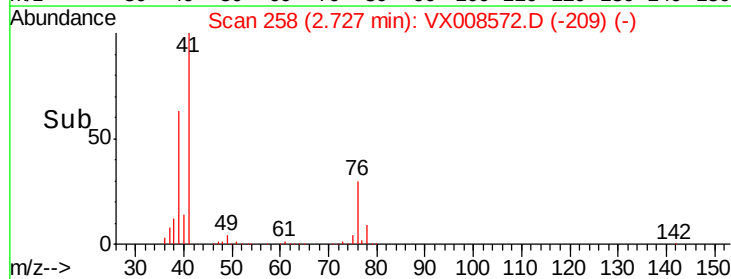
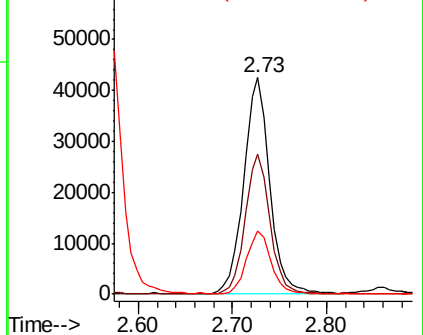
76 27.4 22.6 34.0

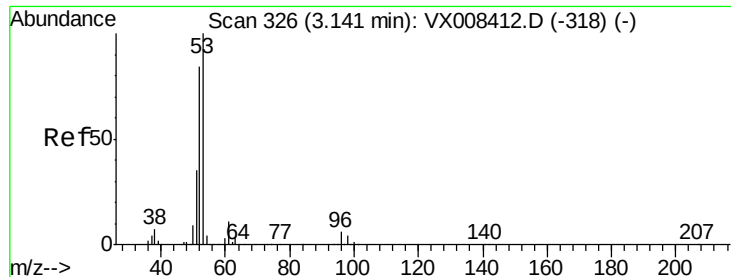


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.208 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

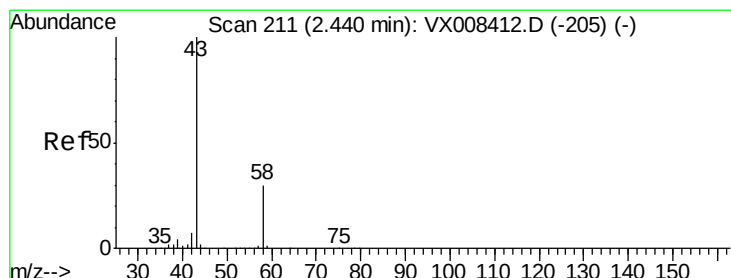
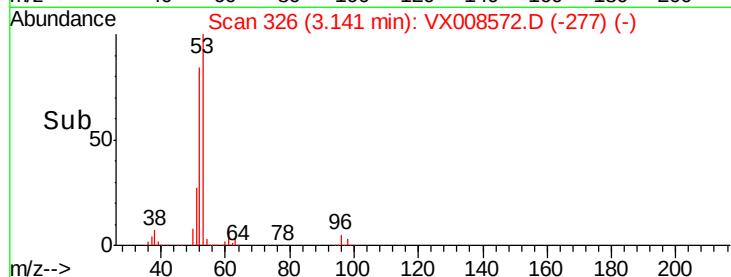
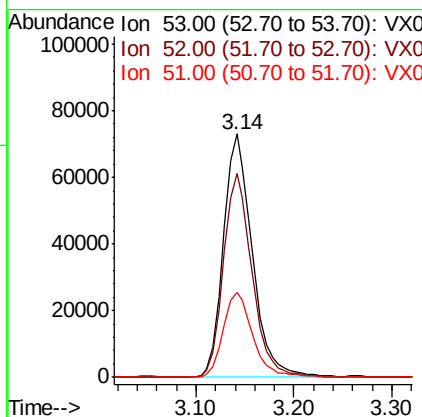
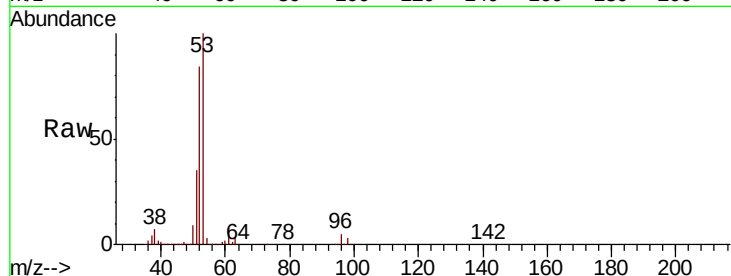
ClientSampleId :

VX0401WBSD01

Tot Ion:	53	Resp:	149141
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.5	99.7
51	36.0	28.3	42.5

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#16

Acetone

Concen: 90.679 ug/l

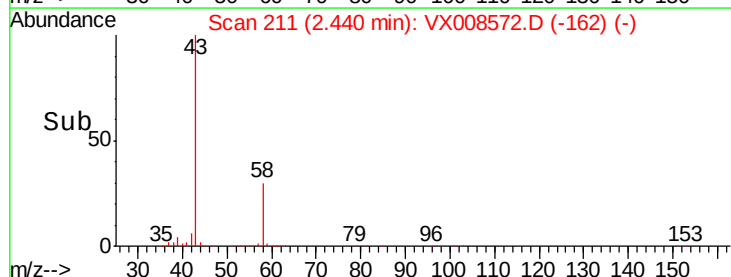
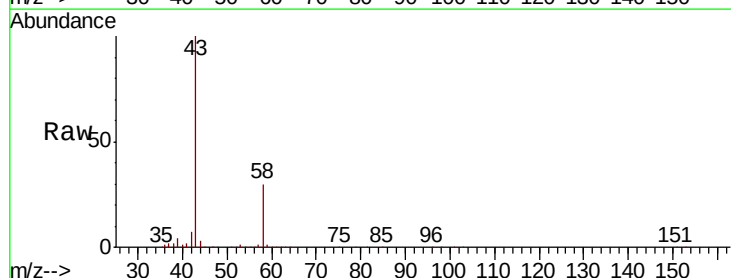
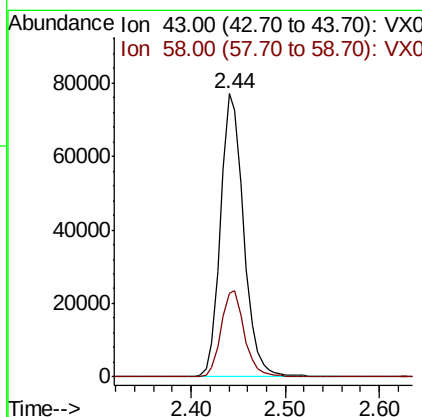
RT: 2.44 min Scan# 211

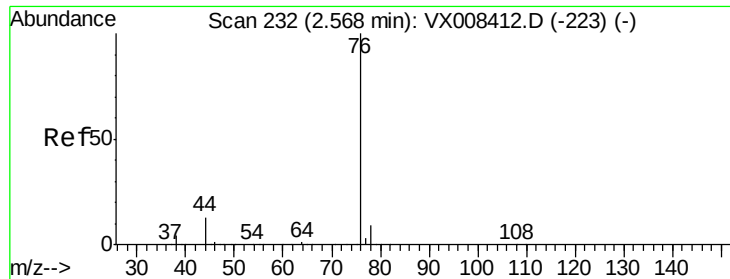
Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion:	43	Resp:	130531
Ion Ratio		Lower	Upper
43	100		
58	29.7	24.2	36.2





#17

Carbon Disulfide

Concen: 16.384 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion: 76 Resp: 100915

Ion Ratio Lower Upper

76 100

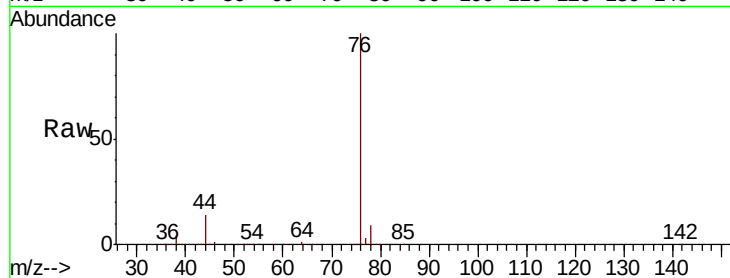
78 8.7 7.4 11.2

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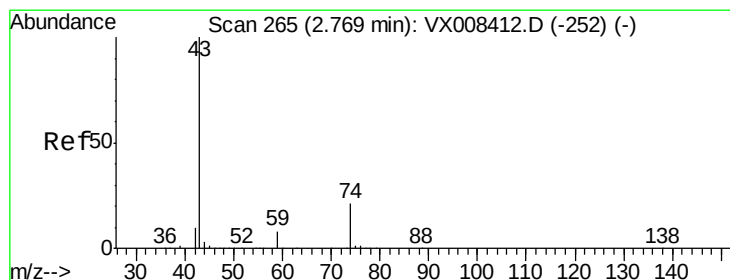
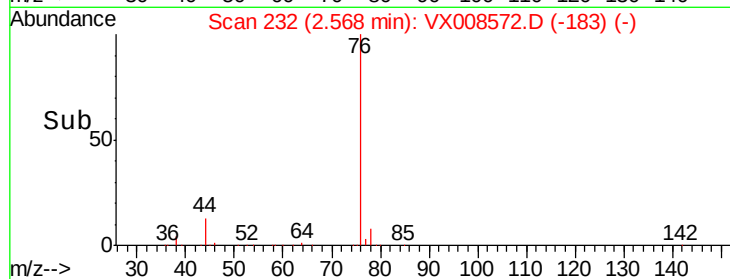
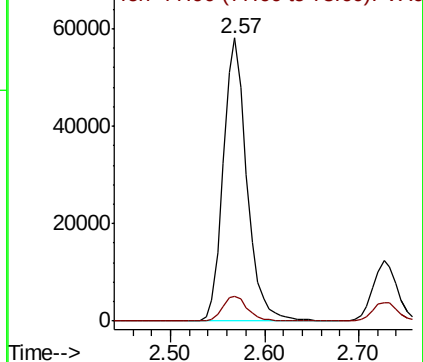
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.377 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008572.D

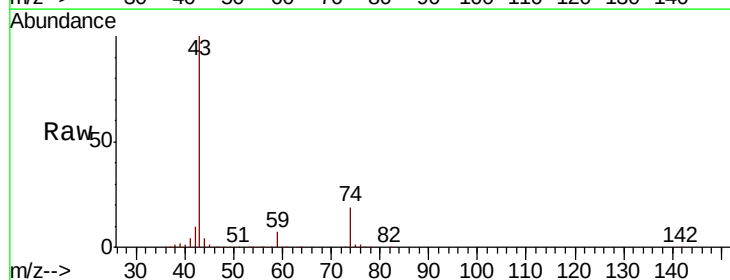
Acq: 01 Apr 2019 16:33

Tgt Ion: 43 Resp: 66990

Ion Ratio Lower Upper

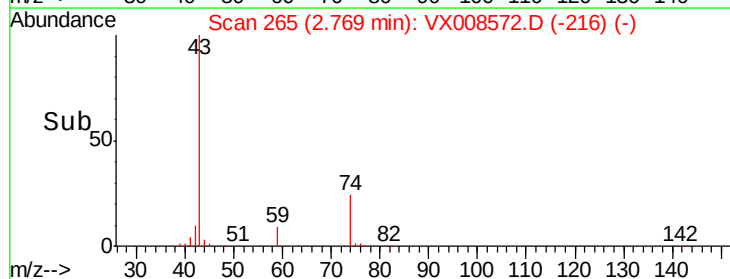
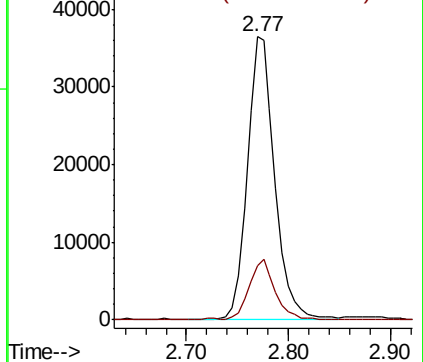
43 100

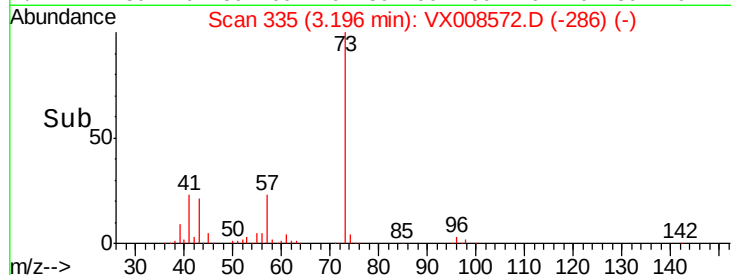
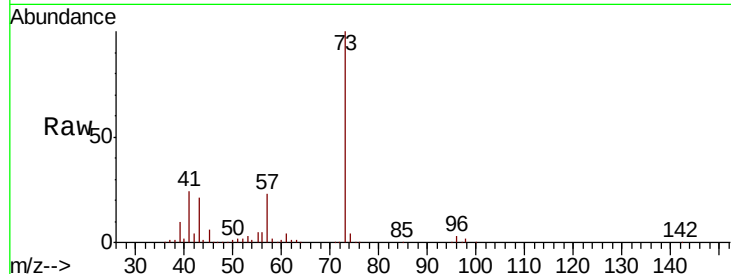
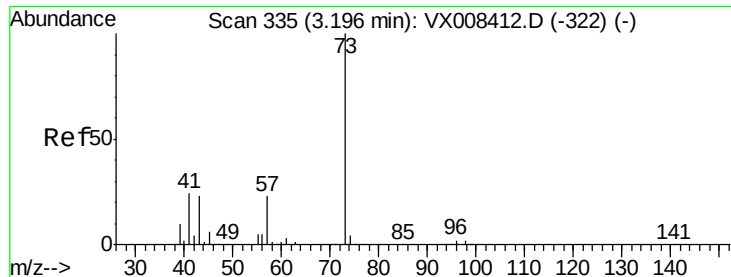
74 21.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





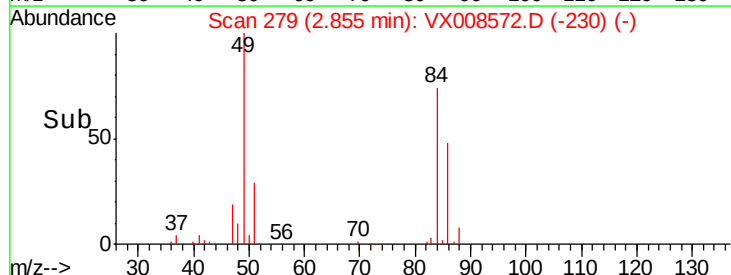
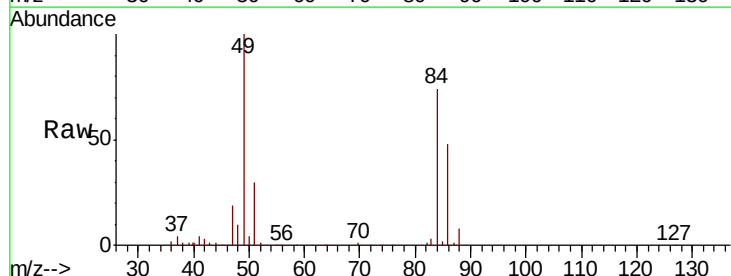
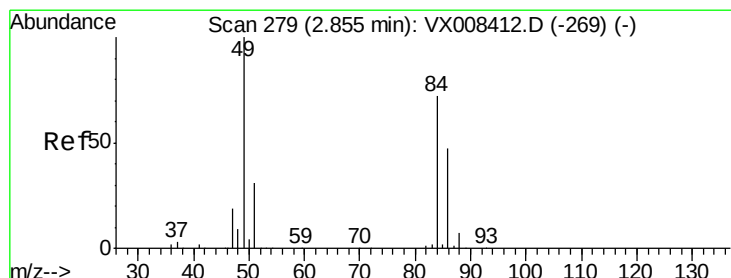
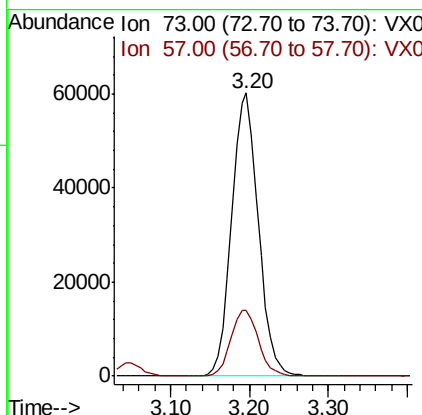
#19
Methyl tert-butyl Ether
Concen: 18.576 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tot Ion	73	Resp	141481
Ion Ratio	100	Lower	Upper
73	100	18.6	28.0
57	23.4		

Instrument :
MSVOA_X
ClientSampled :
VX0401WBSD01

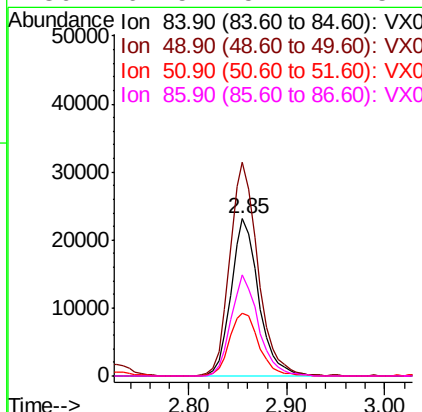
Manual Integrations
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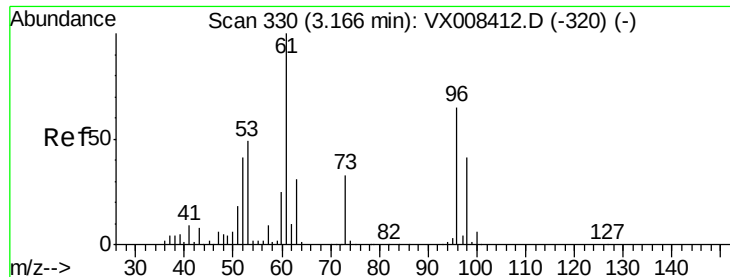
MMDadoda
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#20
Methylene Chloride
Concen: 18.882 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion	84	Resp	45297
Ion Ratio	100	Lower	Upper
84	100	110.6	165.8
49	135.8	33.9	50.9
51	39.9	52.2	78.2
86	64.5		





#21

trans-1,2-Dichloroethene

Concen: 18.093 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion: 96 Resp: 38469

Ion Ratio Lower Upper

96 100

61 162.0 122.6 184.0

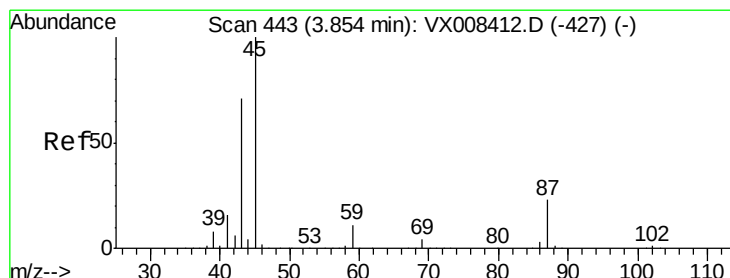
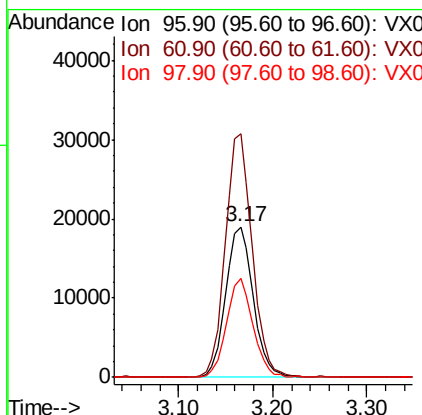
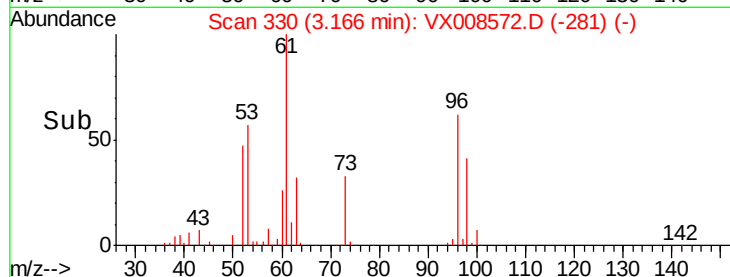
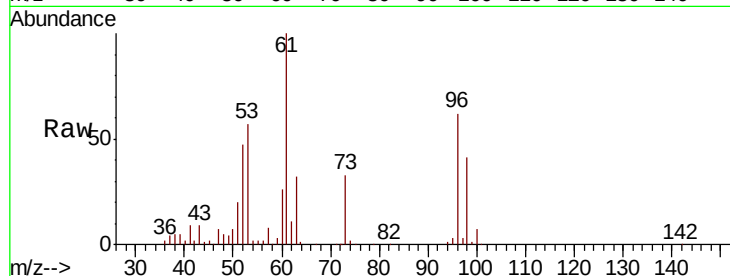
98 66.0 50.9 76.3

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#22

Diisopropyl ether

Concen: 18.596 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion: 45 Resp: 170499

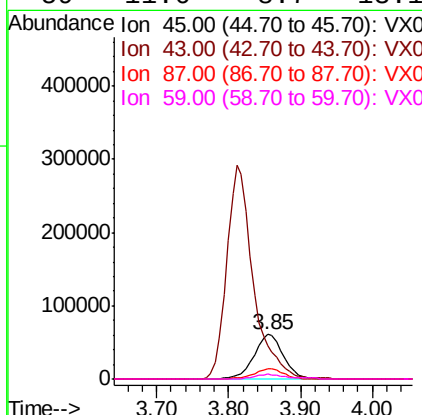
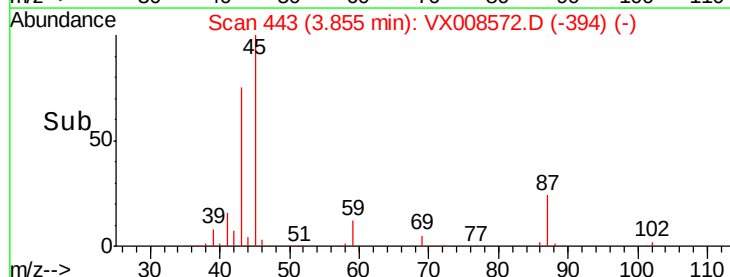
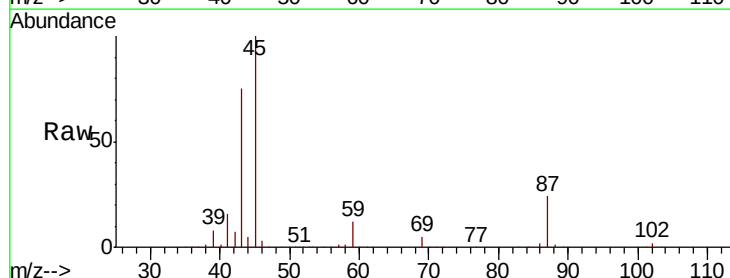
Ion Ratio Lower Upper

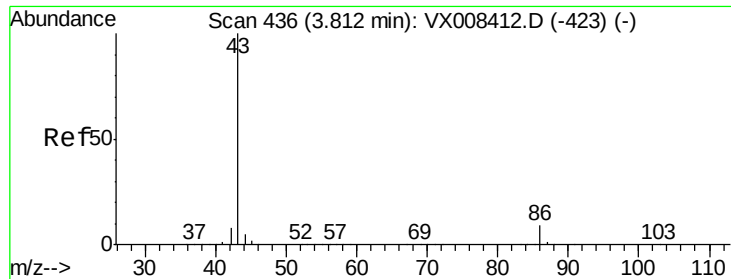
45 100

43 74.8 57.1 85.7

87 23.6 18.8 28.2

59 11.6 8.7 13.1





#23

Vinyl Acetate

Concen: 93.544 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion: 43 Resp: 748265

Ion Ratio Lower Upper

43 100

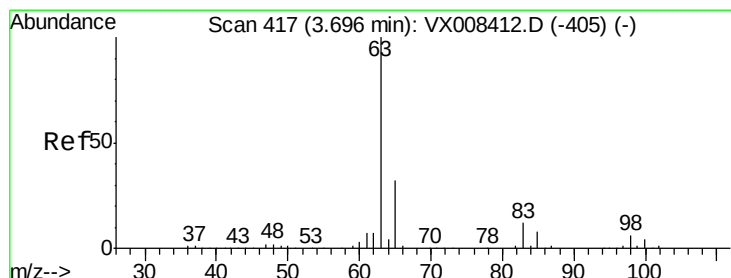
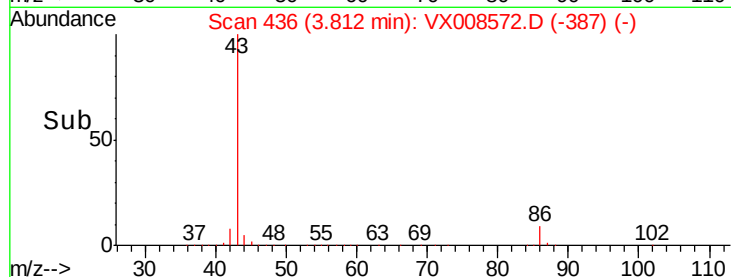
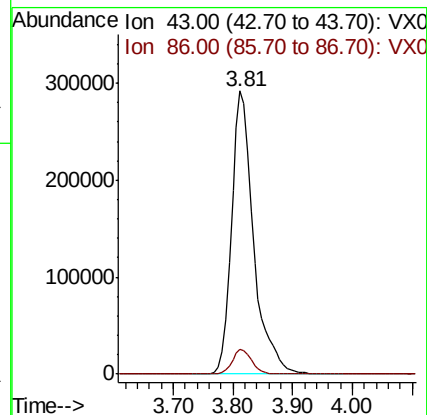
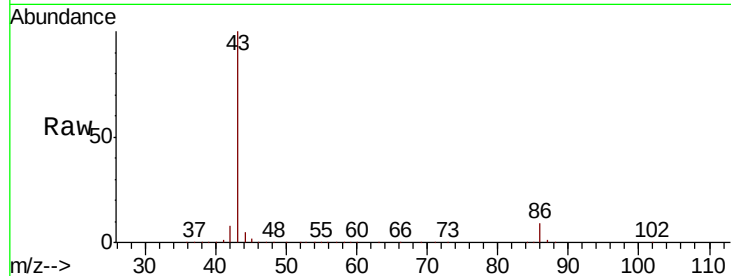
86 8.6 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 17.994 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

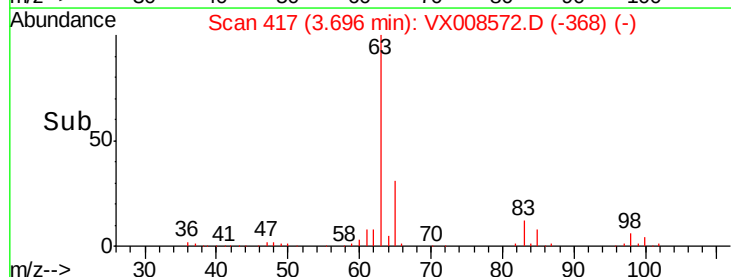
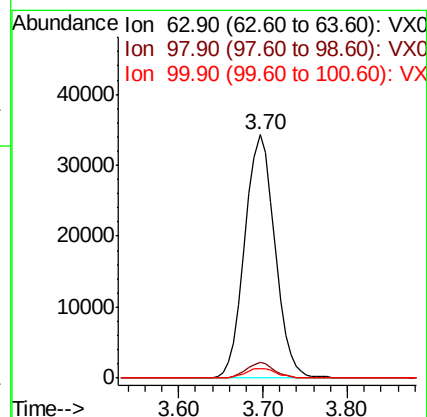
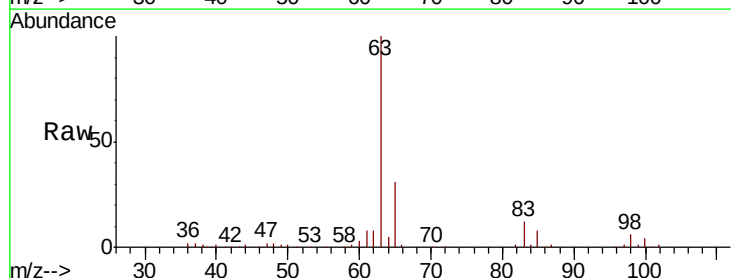
Tgt Ion: 63 Resp: 83290

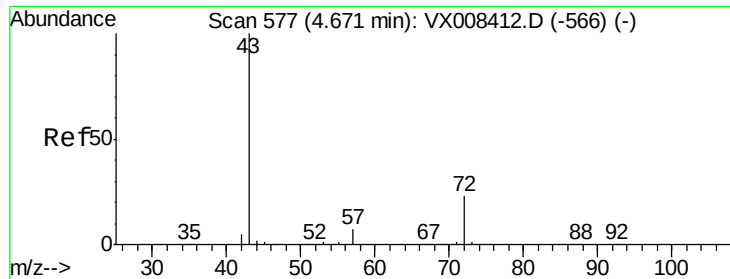
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 95.846 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampled :

VX0401WBSD01

Tot Ion: 43 Resp: 221190

Ion Ratio Lower Upper

43 100

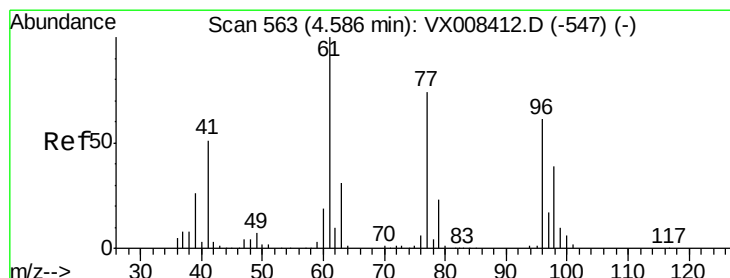
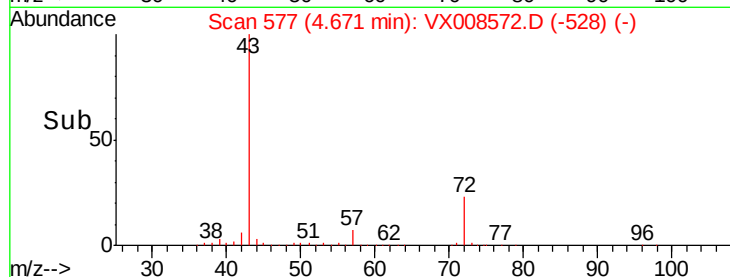
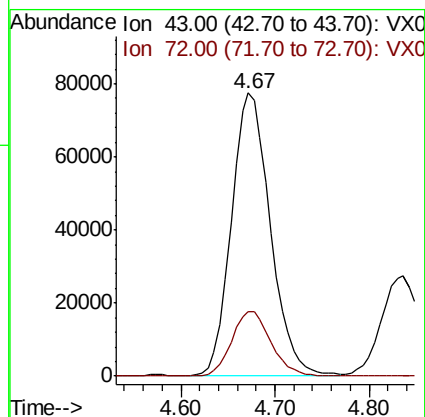
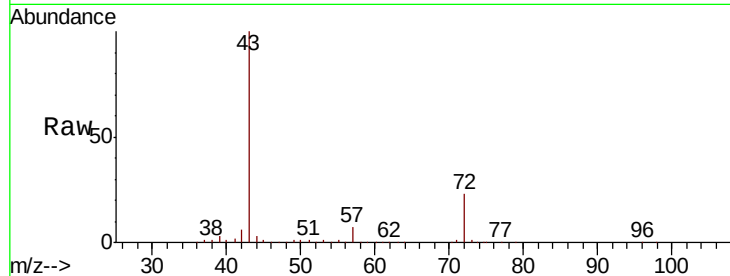
72 22.6 18.6 28.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.561 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008572.D

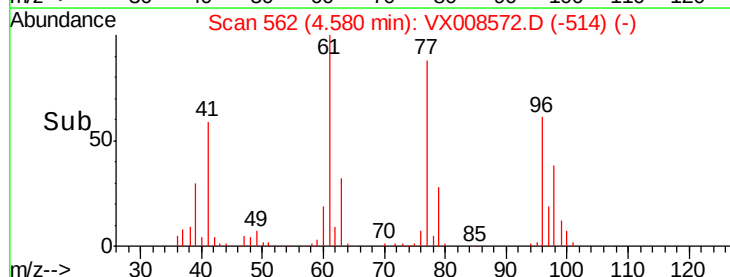
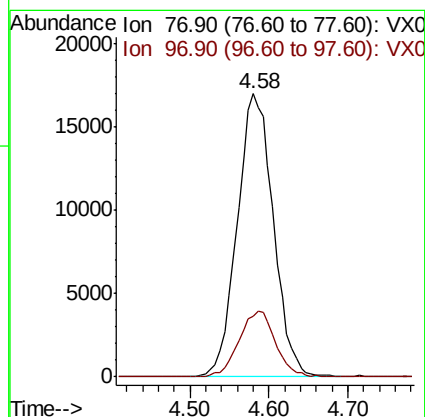
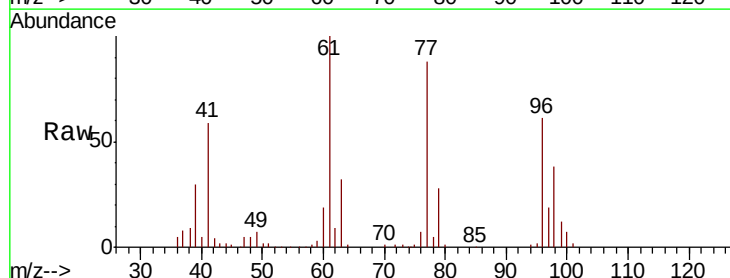
Acq: 01 Apr 2019 16:33

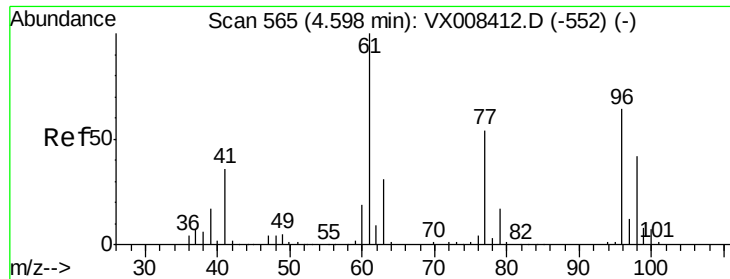
Tgt Ion: 77 Resp: 54064

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6





#27

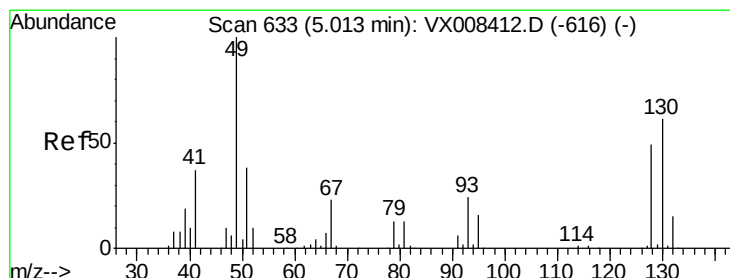
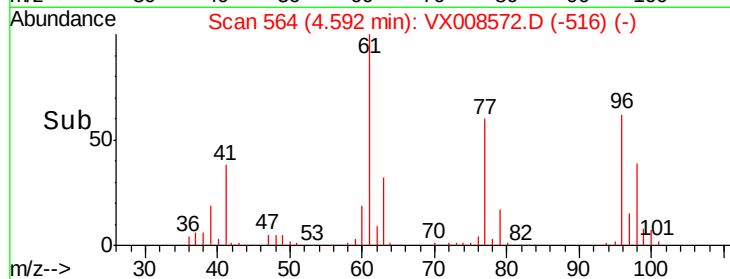
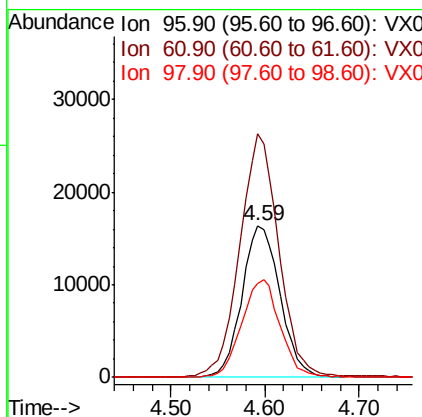
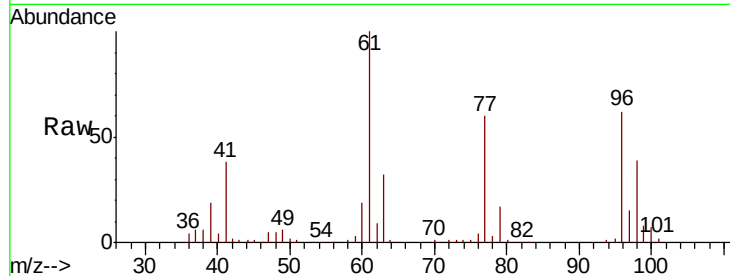
cis-1,2-Dichloroethene
Concen: 17.923 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampled :
VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.3	0.0	325.6
98	65.2	0.0	130.0

Manual Integrations
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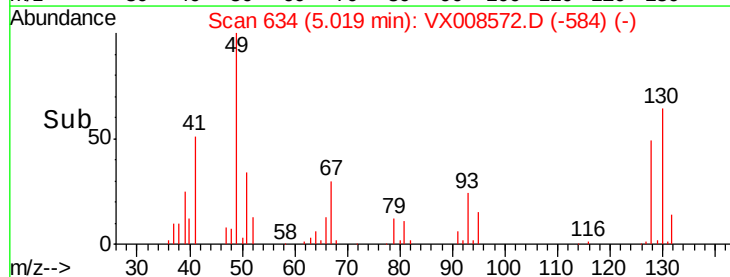
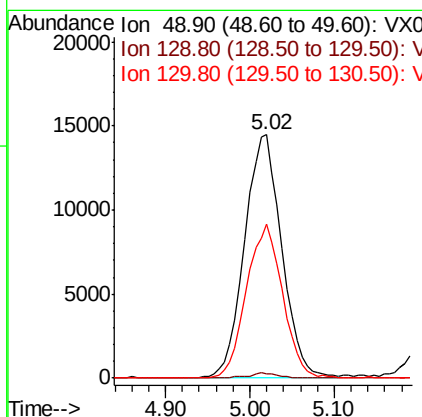
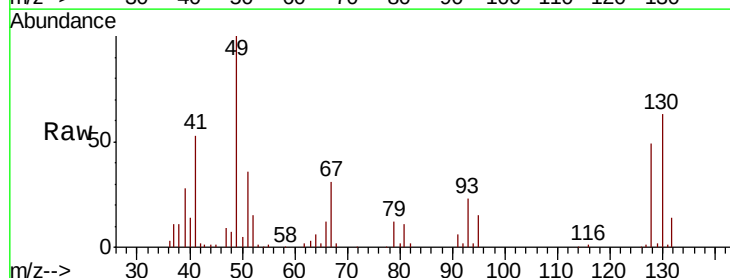
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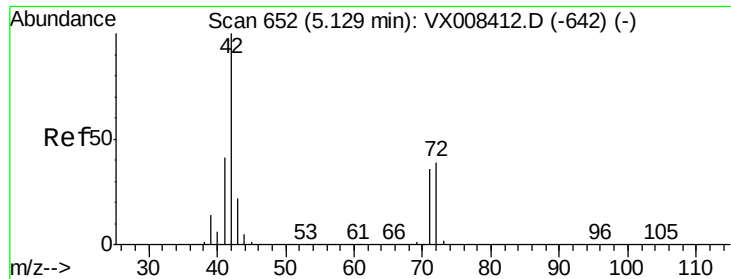


#28

Bromochloromethane
Concen: 19.012 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	61.4	49.8	74.6





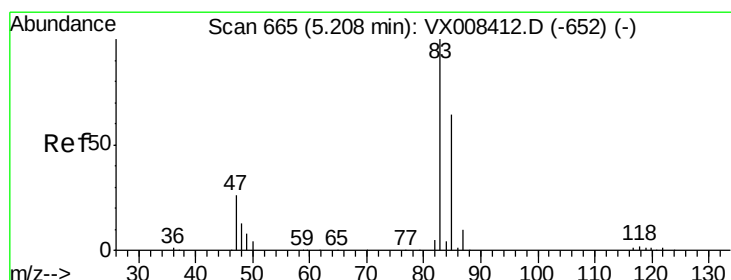
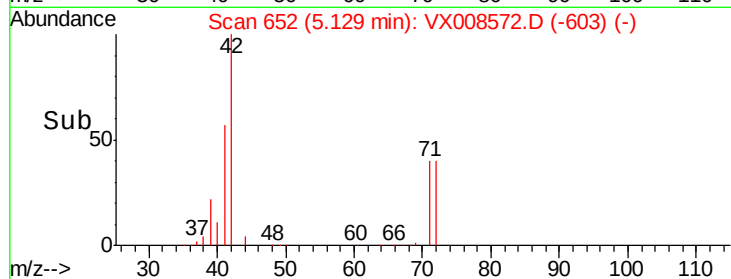
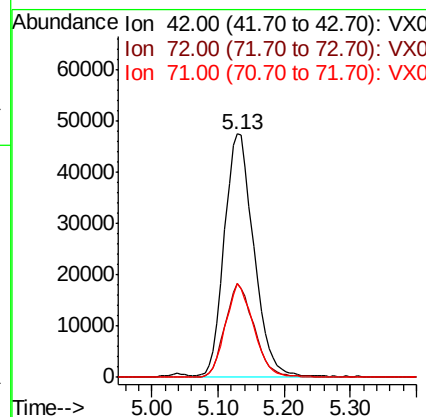
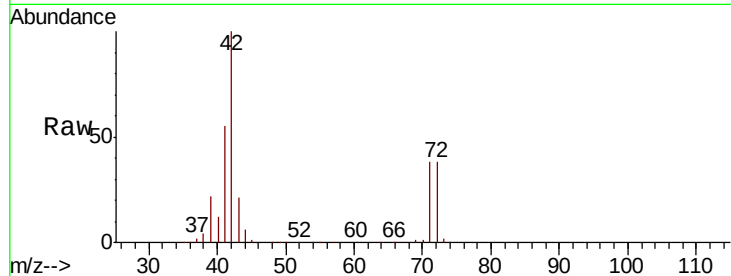
#29
Tetrahydrofuran
Concen: 96.388 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

Tot Ion:	42	Resp:	146605
Ion Ratio	Lower	Upper	
42	100		
72	38.1	31.4	47.2
71	36.7	29.4	44.2

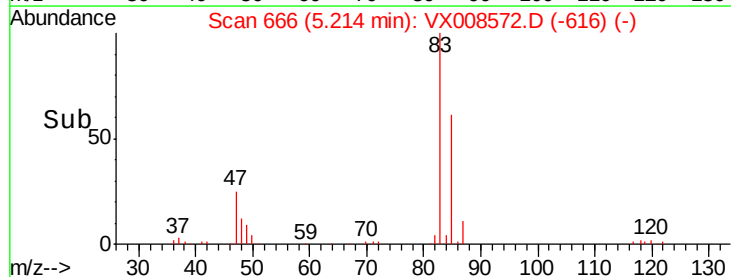
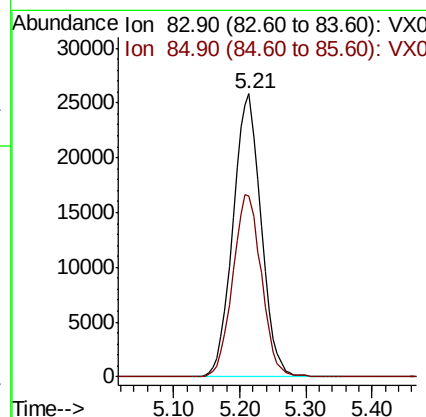
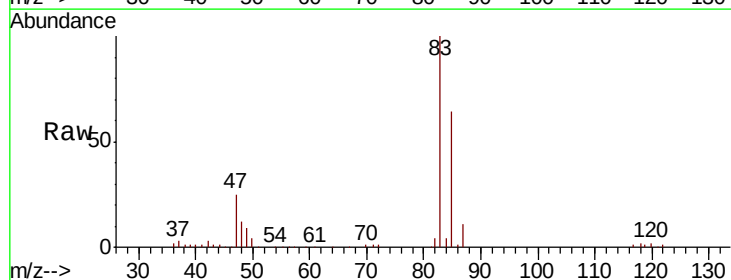
Manual Integrations
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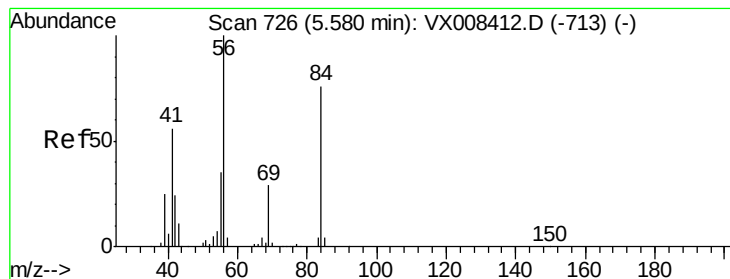
MMDadoda
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#30
Chloroform
Concen: 18.225 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion:	83	Resp:	76131
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.4	77.2





#31

Cyclohexane

Concen: 17.146 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

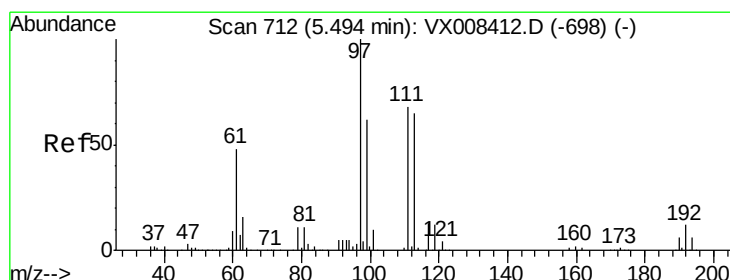
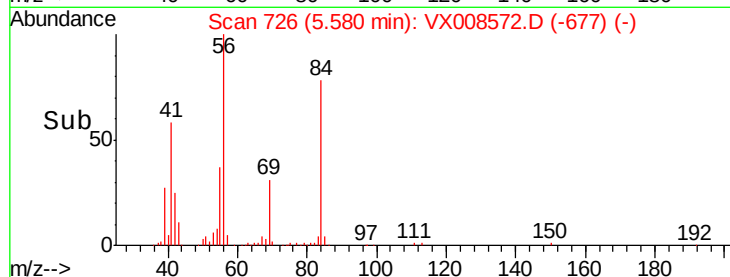
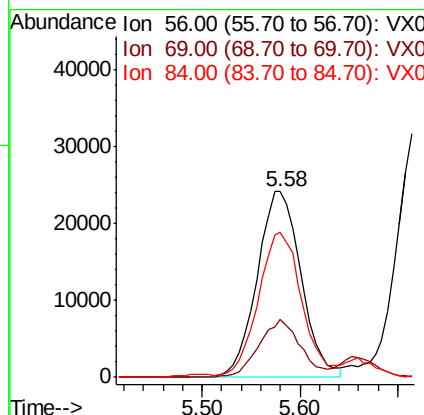
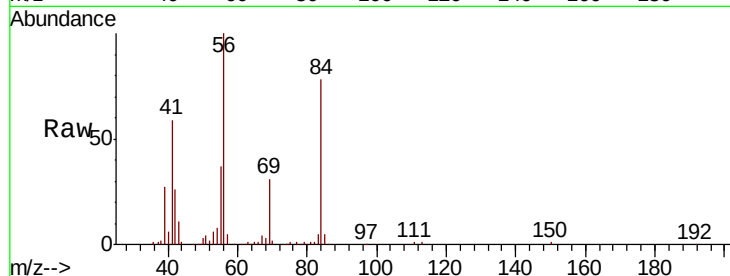
ClientSampleId :

VX0401WBSD01

Tot Ion:	56	Resp:	75692
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.2	34.8
84	76.7	60.7	91.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.282 ug/l

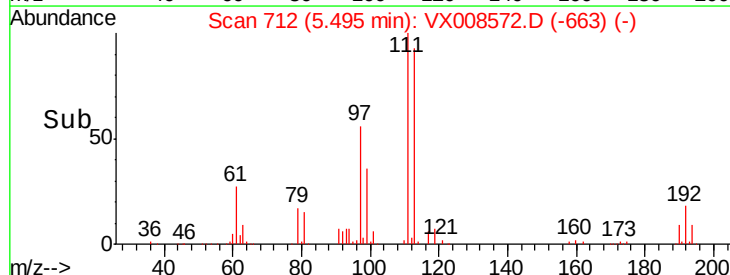
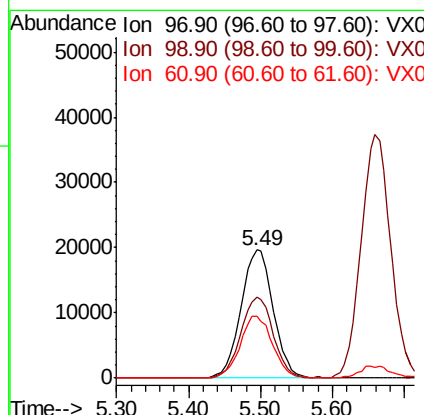
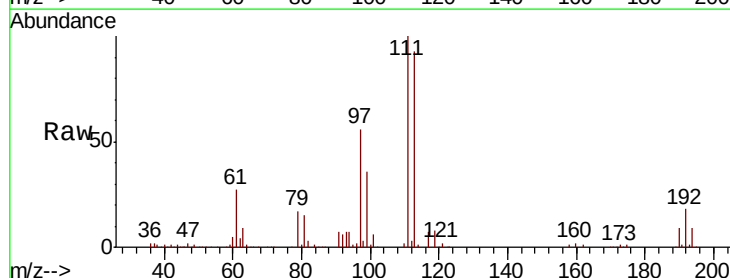
RT: 5.49 min Scan# 712

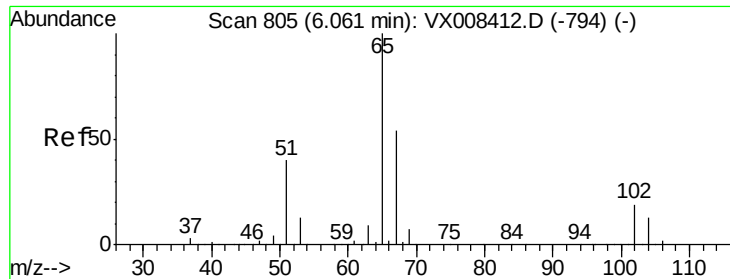
Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion:	97	Resp:	61046
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	49.3	38.8	58.2





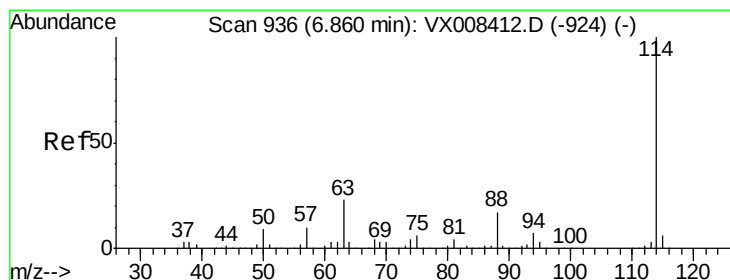
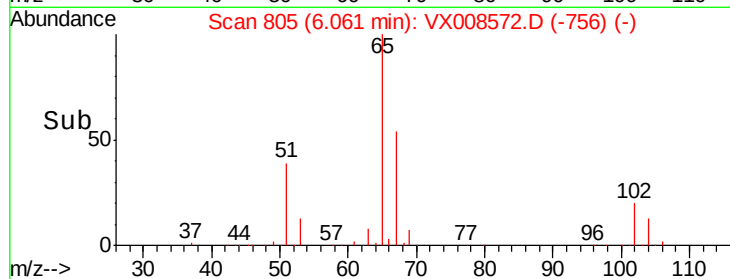
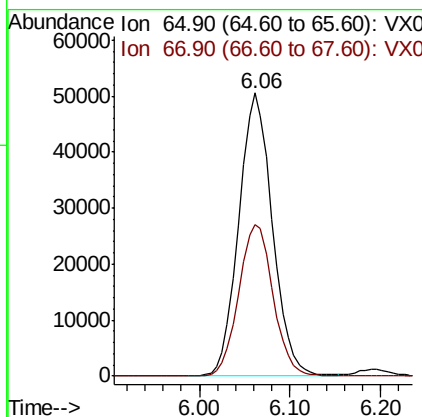
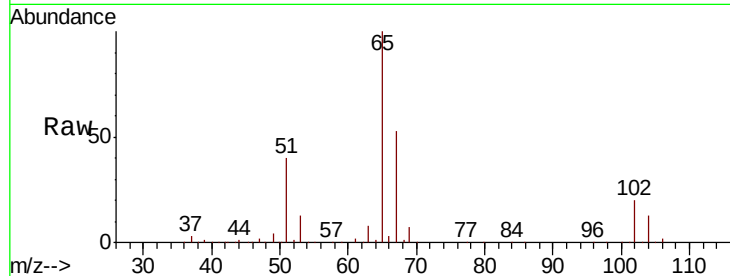
#33
 1,2-Dichloroethane-d4
 Concen: 47.189 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.4

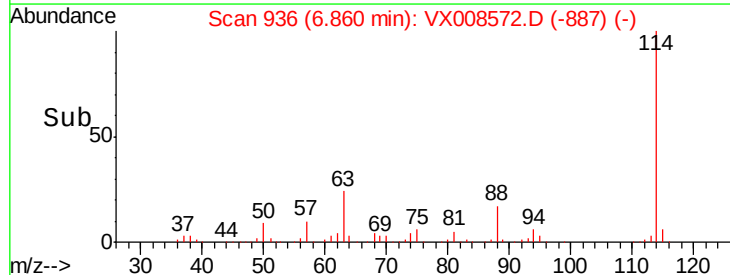
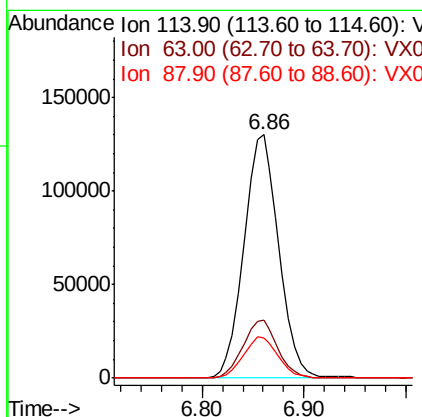
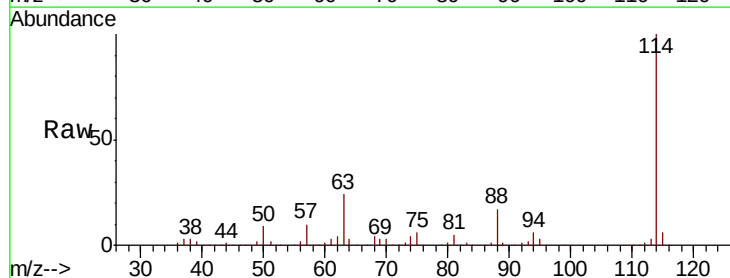
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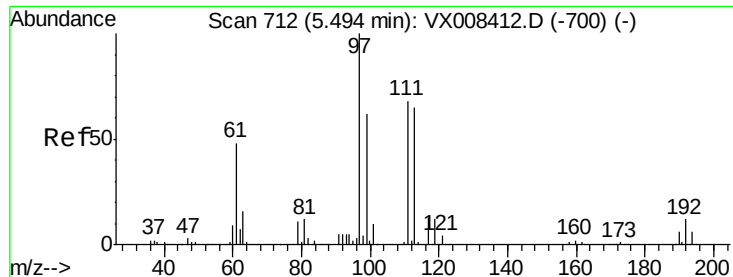
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	46.4
88	16.6	0.0	33.2





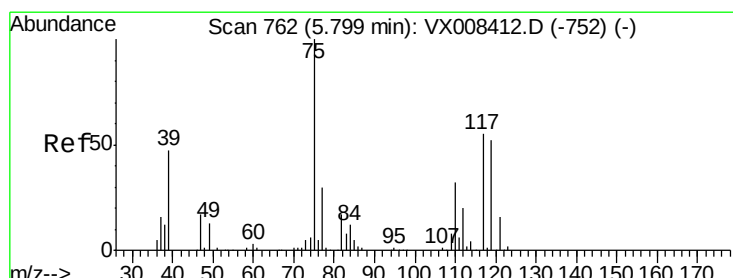
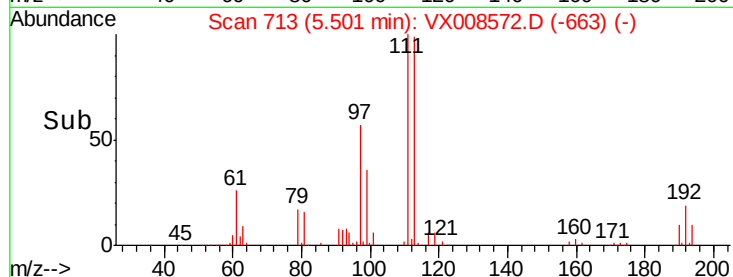
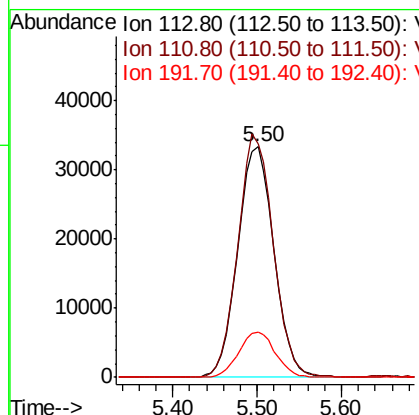
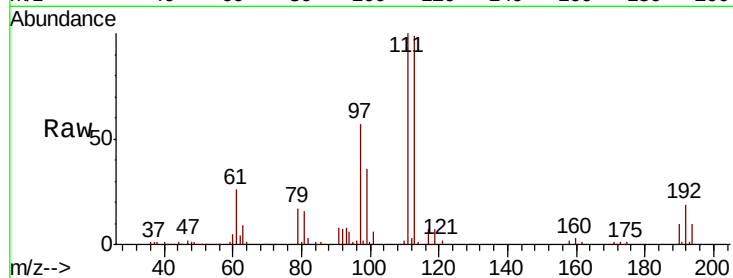
#35
 Dibromofluoromethane
 Concen: 48.250 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.4
192	20.0	15.6	23.4

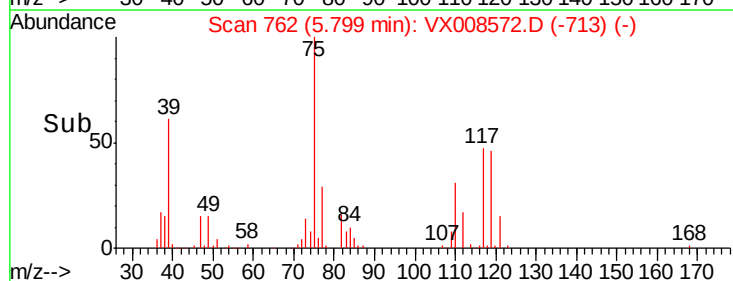
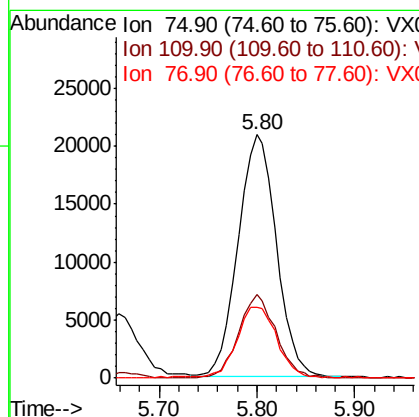
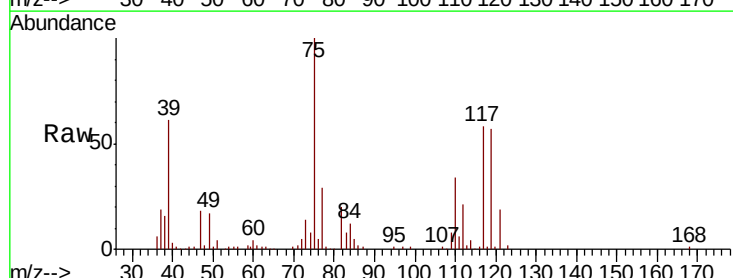
Manual Integrations
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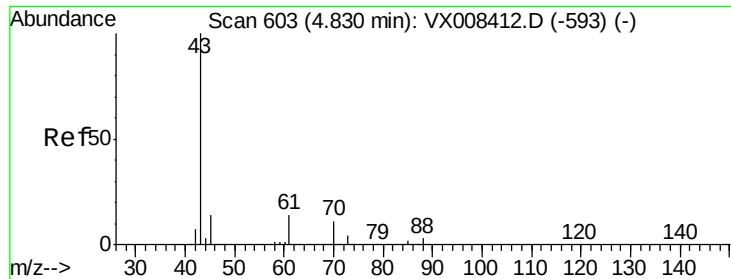
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#36
 1,1-Dichloropropene
 Concen: 17.221 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.6	49.7
77	31.0	24.2	36.2





#37

Ethyl Acetate

Concen: 19.347 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

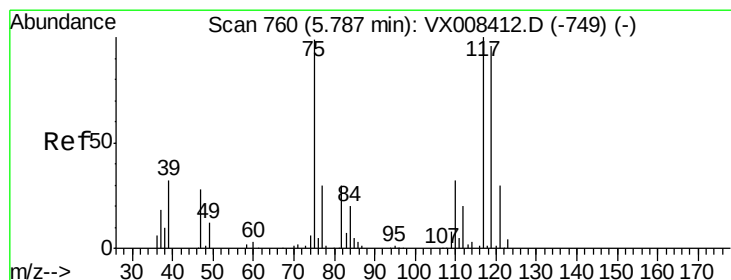
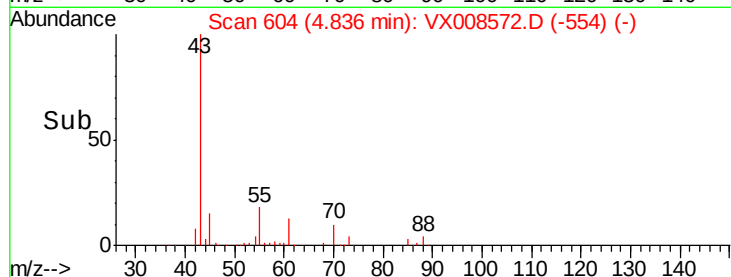
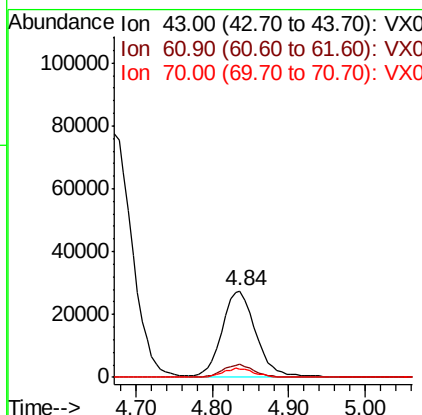
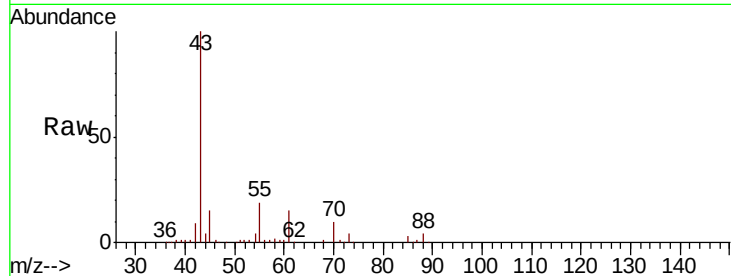
ClientSampled :

VX0401WBSD01

Tot Ion:	43	Resp:	82393
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.5	15.7
70	10.1	7.8	11.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 18.081 ug/l

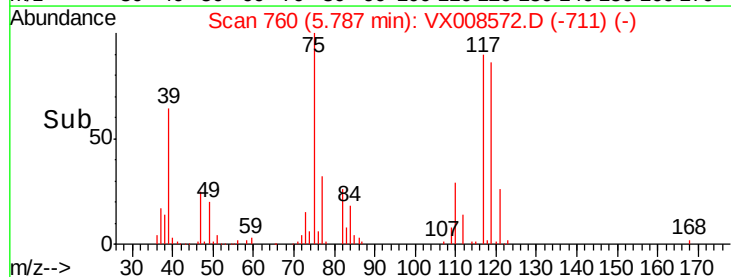
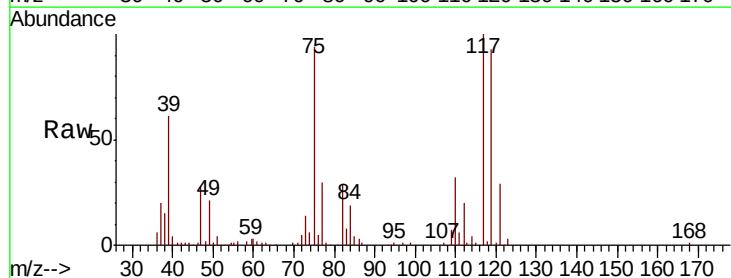
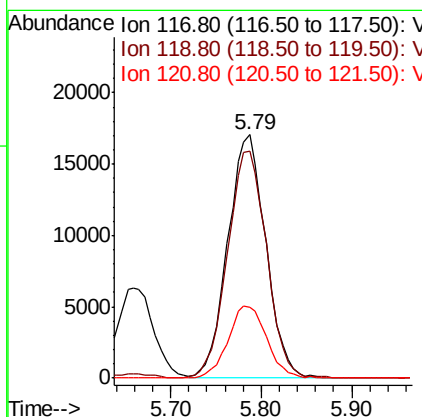
RT: 5.79 min Scan# 760

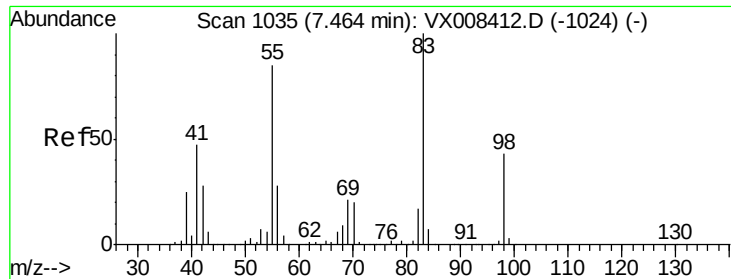
Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion:	117	Resp:	49602
Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.7	115.1
121	28.9	24.3	36.5





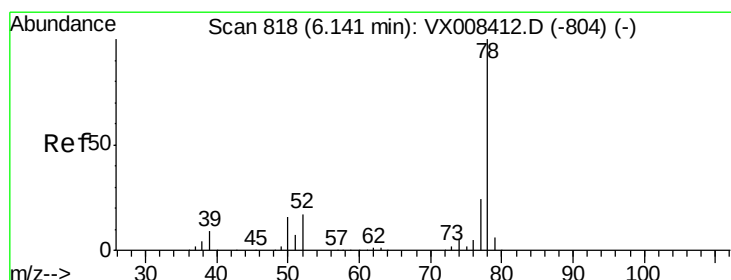
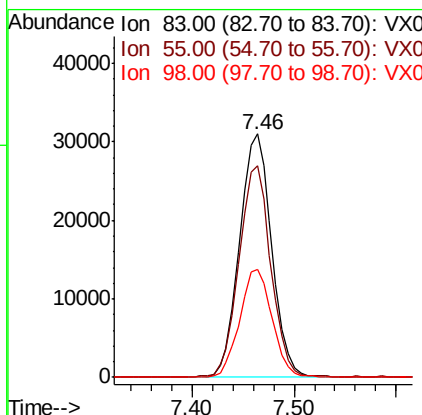
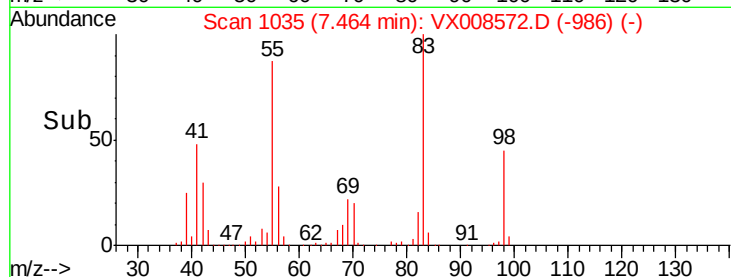
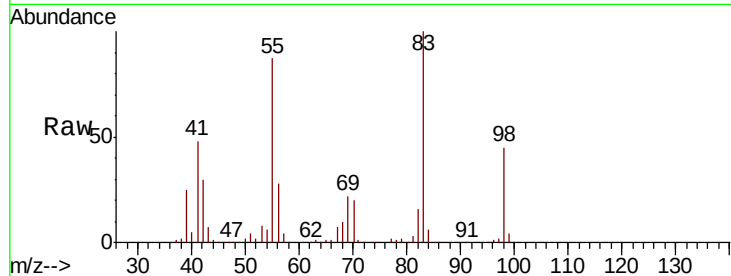
#39
Methylvlcyclohexane
Concen: 17.275 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.8	68.2	102.4
98	44.6	34.2	51.4

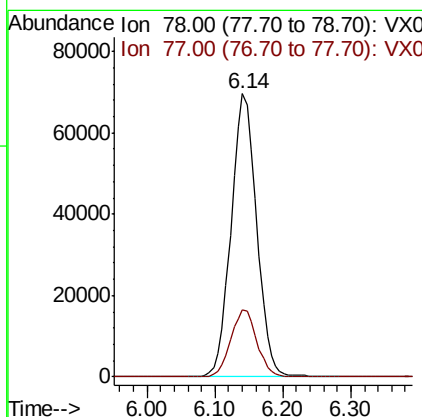
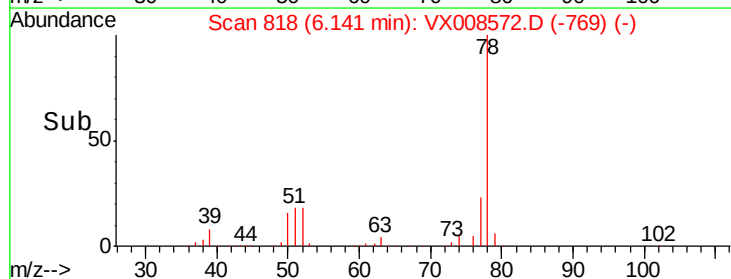
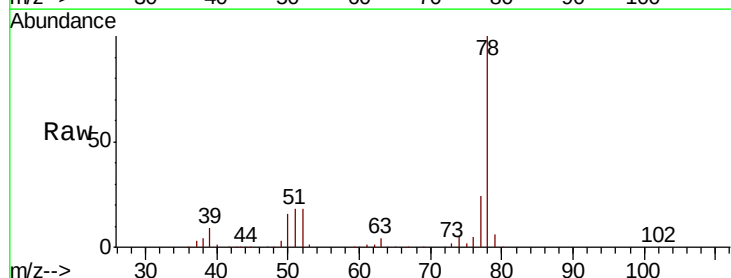
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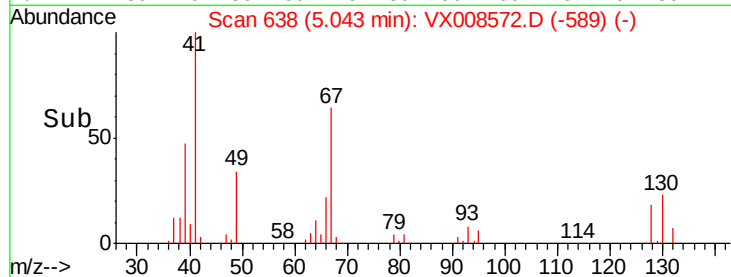
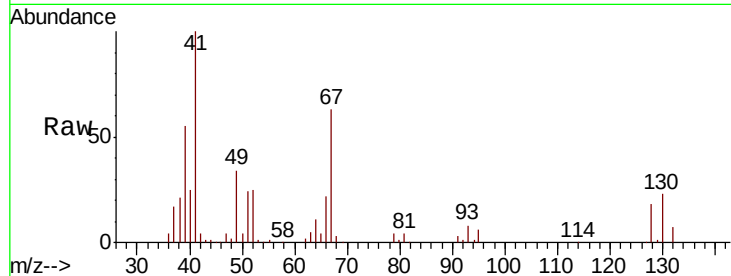
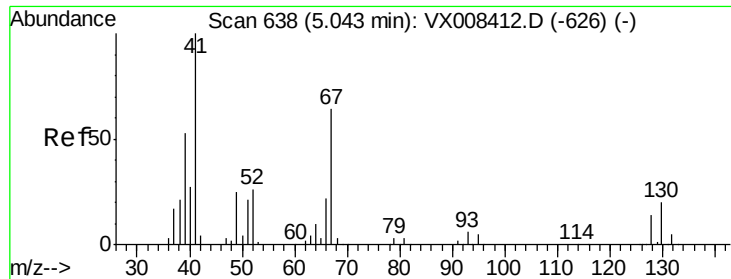
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#40
Benzene
Concen: 18.429 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





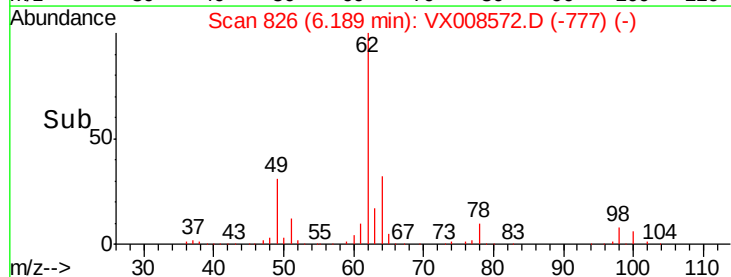
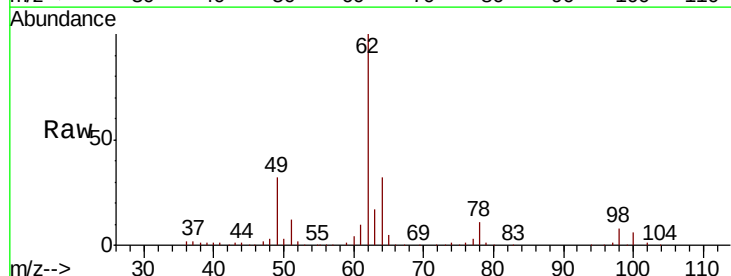
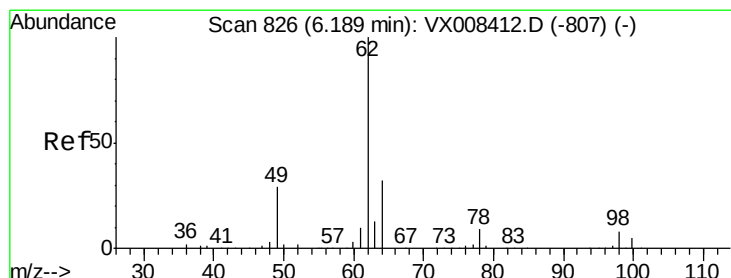
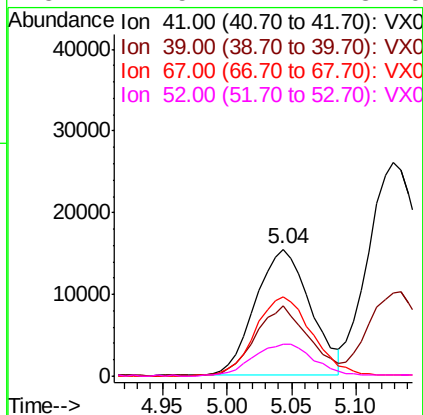
#41
Methacrylonitrile
Concen: 19.262 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	42.6	64.0	
67	65.9	52.2	78.4	
52	27.5	21.4	32.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

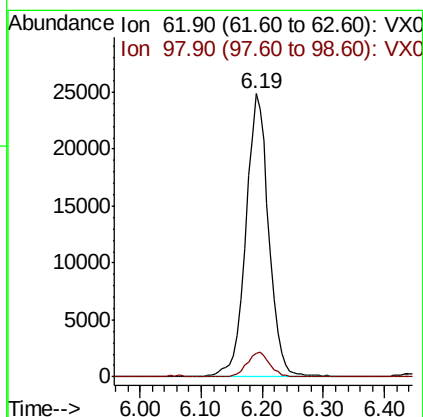
Manual Integrations
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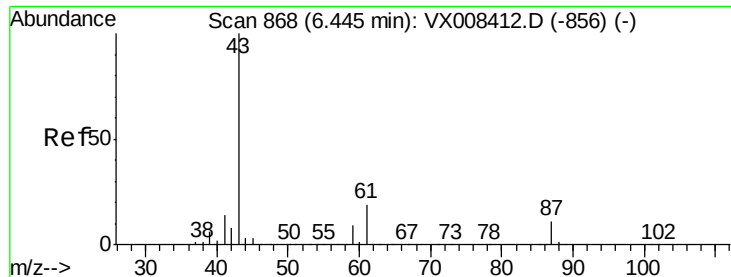
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#42
1,2-Dichloroethane
Concen: 18.038 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





#43

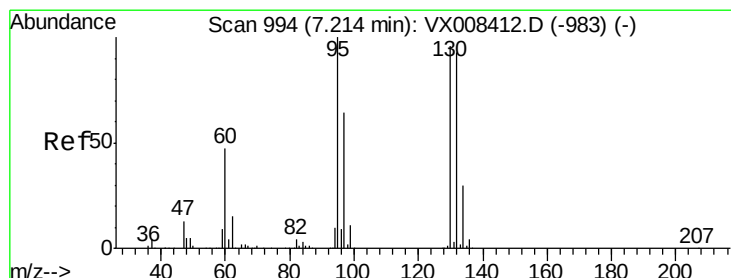
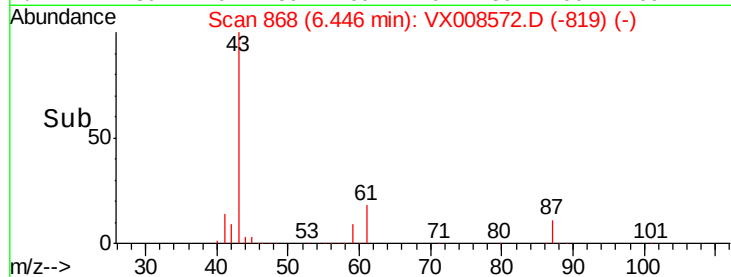
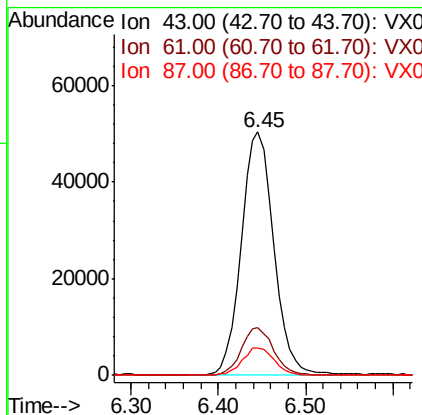
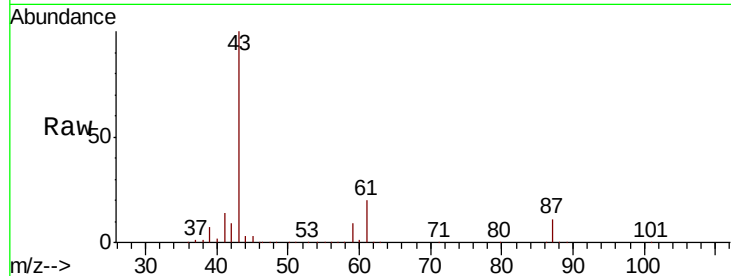
Isopropyl Acetate
 Concen: 18.953 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampled :
 VX0401WBSD01

Tot Ion	43	61	87
Resp	129101		
Ratio	100	19.5	11.3
Lower		15.4	9.1
Upper		23.2	13.7

Manual Integrations
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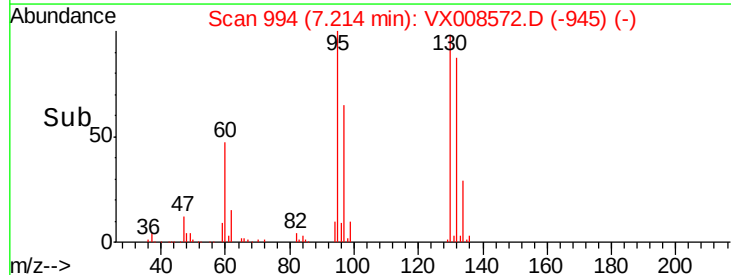
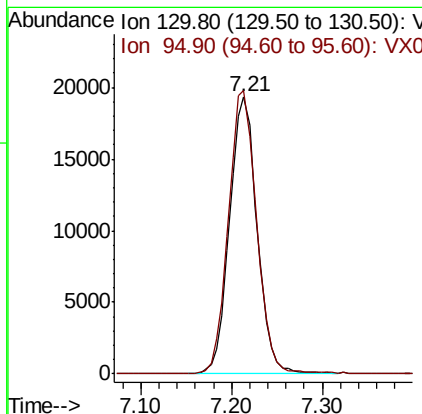
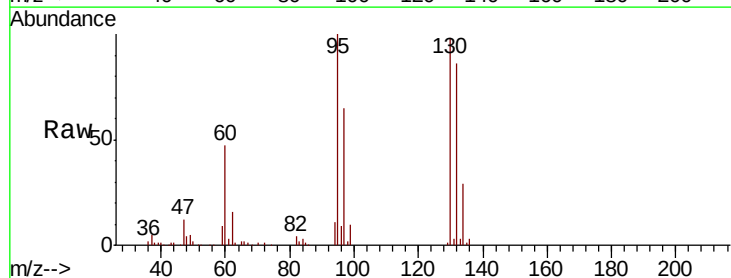
MMDadoda
 4/2/2019 10:06:08 AM

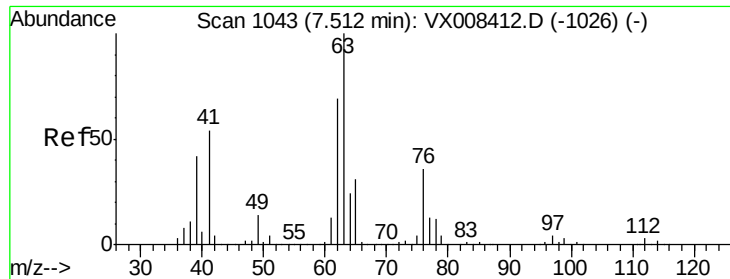


#44

Trichloroethene
 Concen: 17.655 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	130	95
Resp	40797	
Ratio	100	102.1
Lower		0.0
Upper		208.8





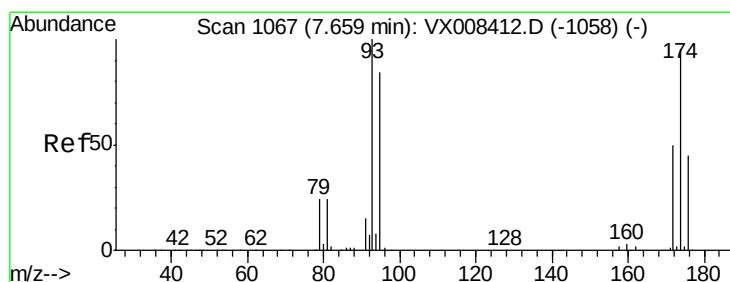
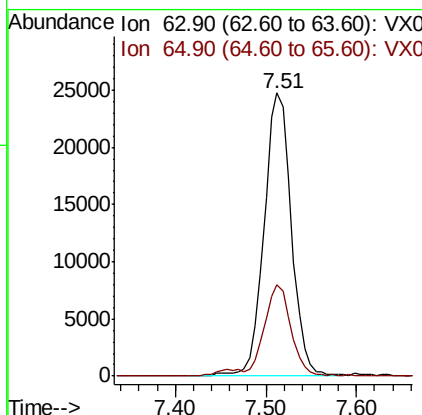
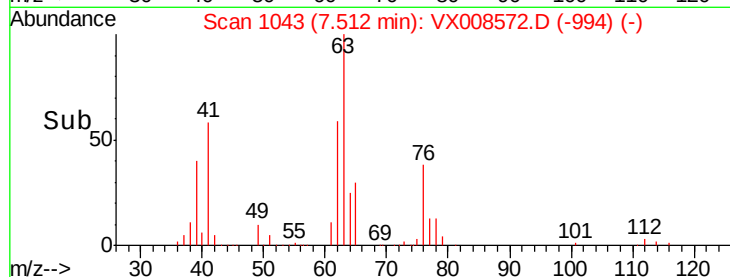
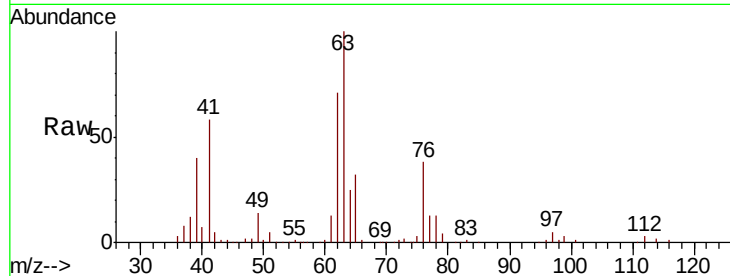
#45
 1,2-Dichloropropane
 Concen: 18.409 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Tot Ion: 63 Resp: 51495
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.1 37.7

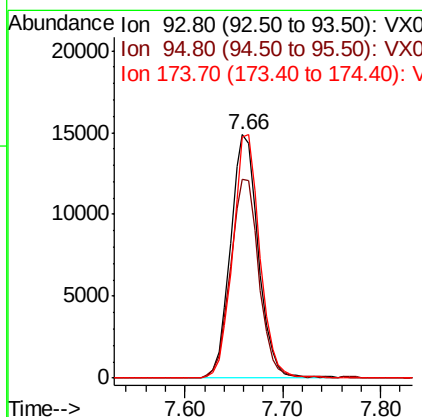
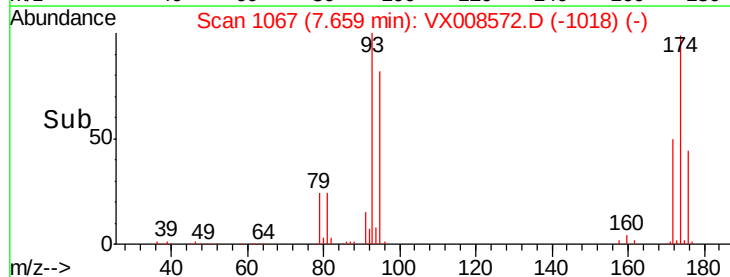
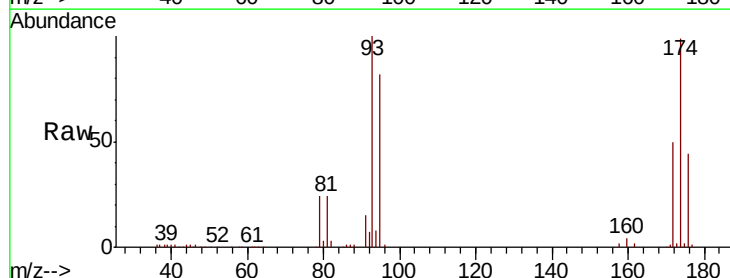
Manual Integrations
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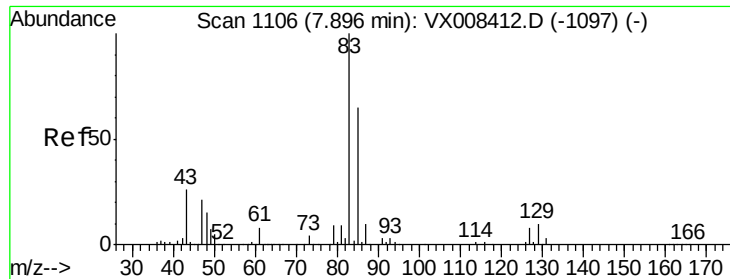
MMDadoda
 4/2/2019 10:06:08 AM



#46
 Dibromomethane
 Concen: 17.991 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 93 Resp: 29389
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.0 100.6
 174 97.2 76.0 114.0





#47

Bromodichloromethane

Concen: 18.542 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

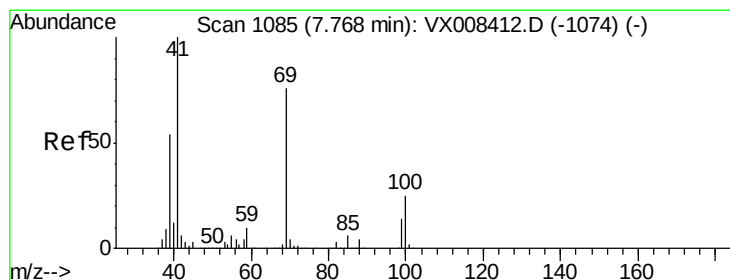
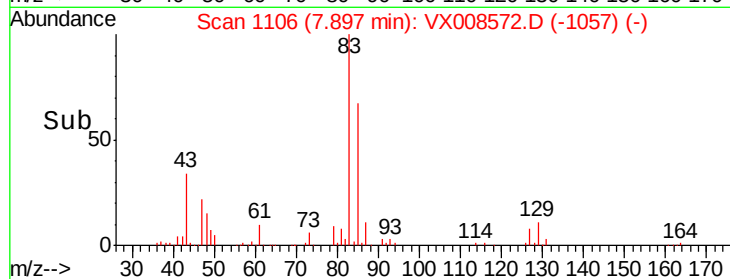
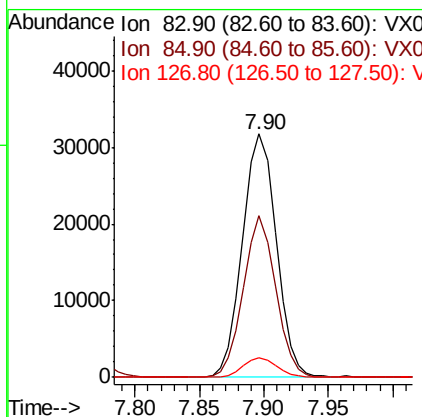
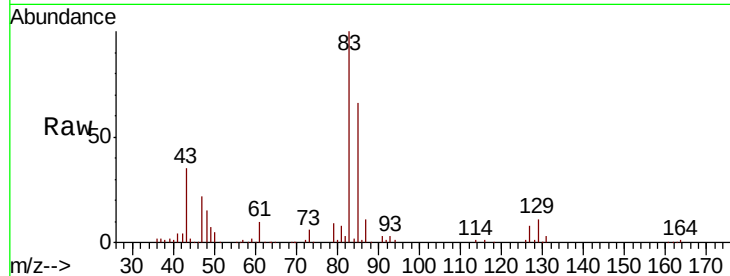
ClientSampled :

VX0401WBSD01

Tot Ion:	83	Resp:	57975
Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.0	78.0
127	7.9	6.4	9.6

Manual Integrations
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MMDadoda
4/2/2019 10:06:08 AM



#48

Methyl methacrylate

Concen: 19.037 ug/l

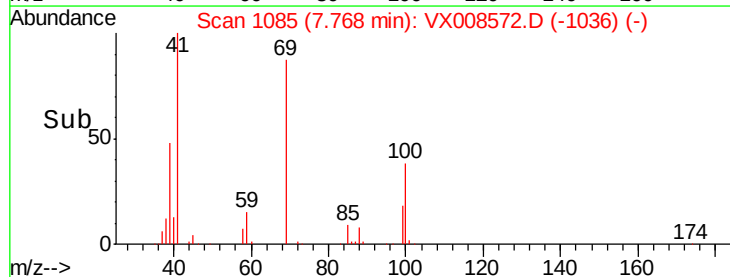
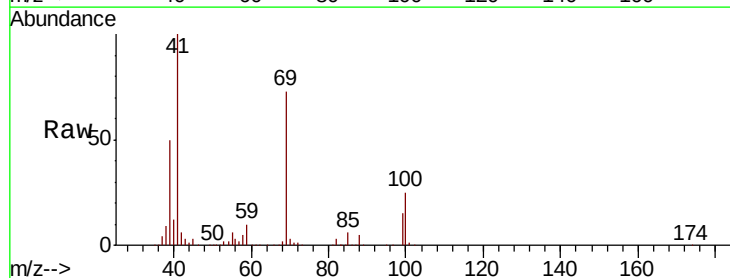
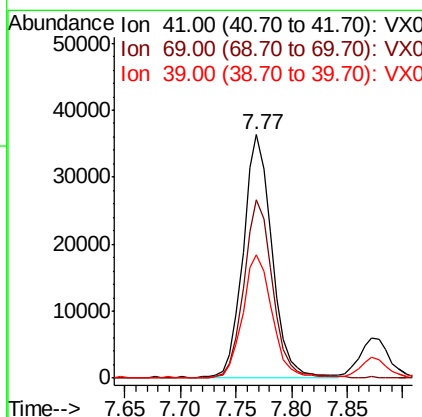
RT: 7.77 min Scan# 1085

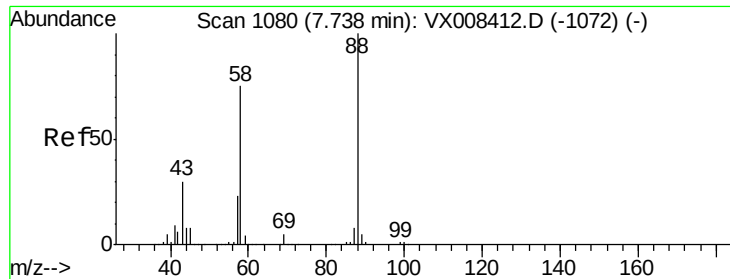
Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion:	41	Resp:	64885
Ion	Ratio	Lower	Upper
41	100		
69	74.4	60.8	91.2
39	51.1	42.3	63.5





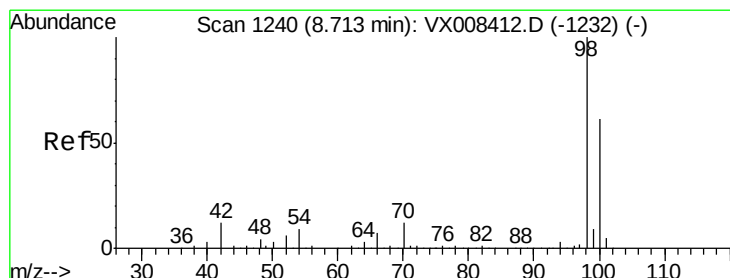
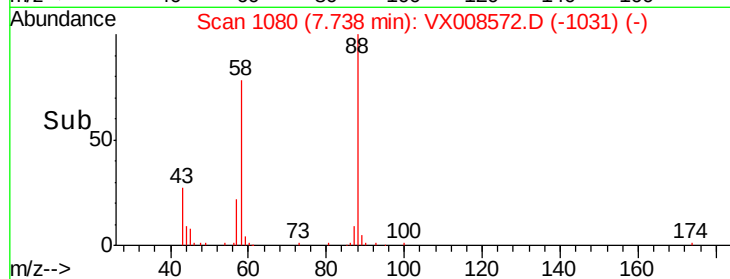
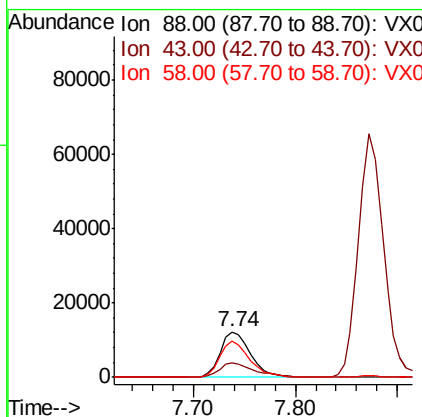
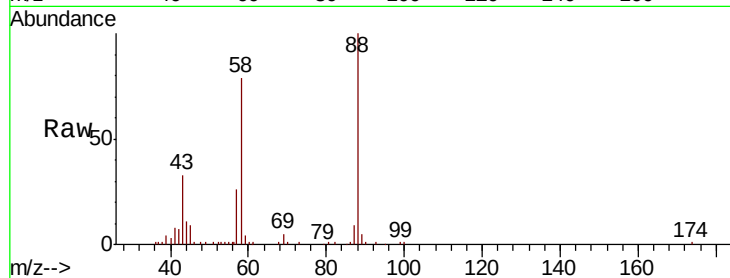
#49
1,4-Dioxane
Concen: 375.612 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	43.0
58	79.9	63.0	94.4

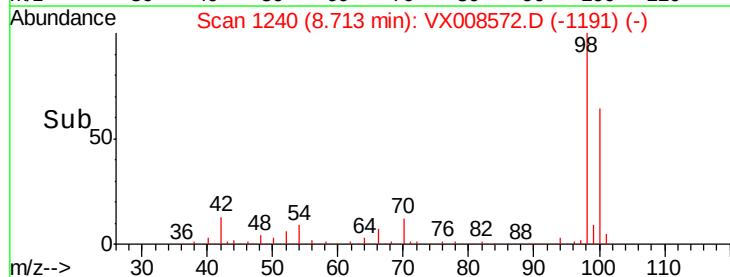
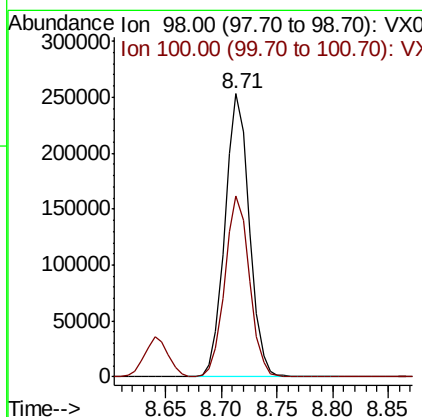
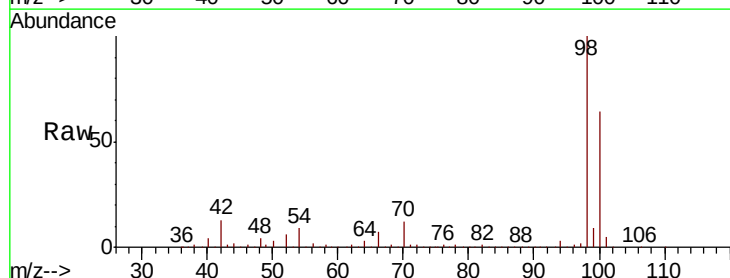
Manual Integrations
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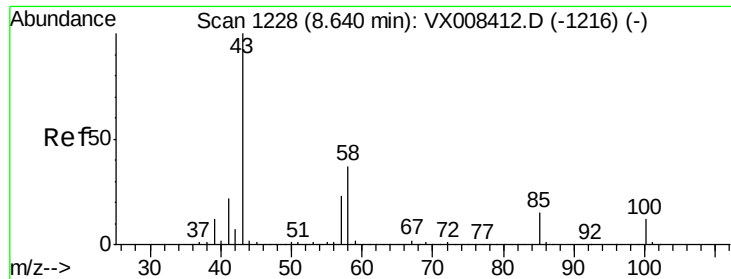
MMDadoda
4/2/2019 10:06:08 AM



#50
Toluene-d8
Concen: 47.783 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 98.924 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampled :

VX0401WBSD01

Tot Ion: 43 Resp: 437672

Ion Ratio Lower Upper

43 100

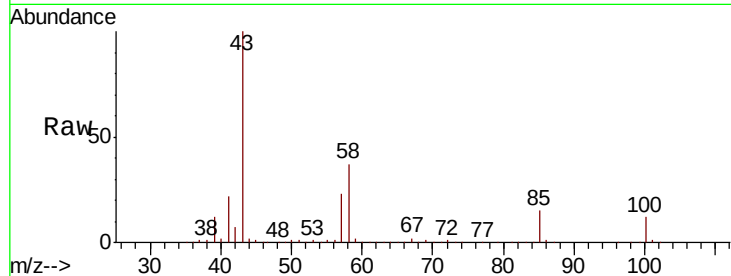
58 37.2 29.8 44.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

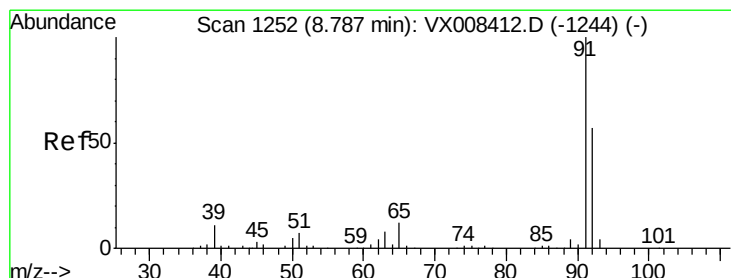
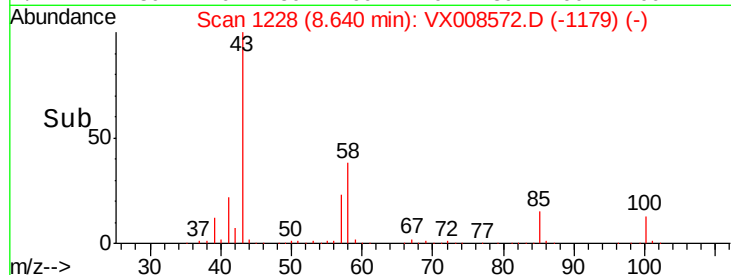
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 18.215 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008572.D

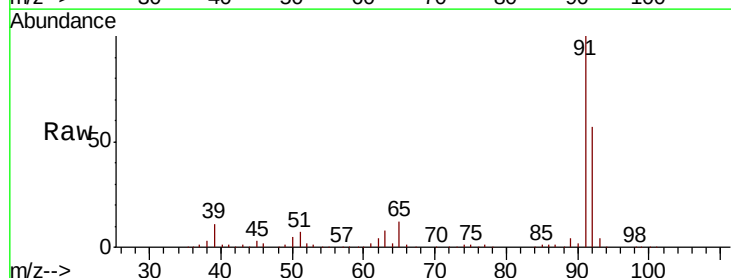
Acq: 01 Apr 2019 16:33

Tgt Ion: 92 Resp: 107186

Ion Ratio Lower Upper

92 100

91 175.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

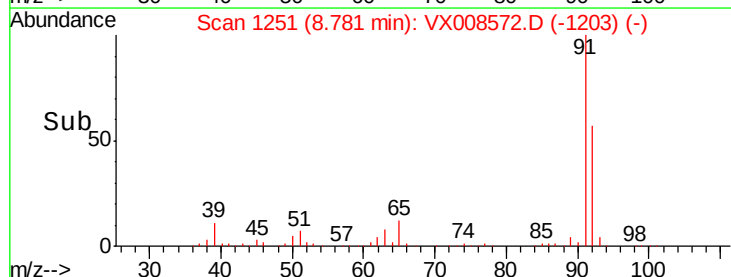
100000

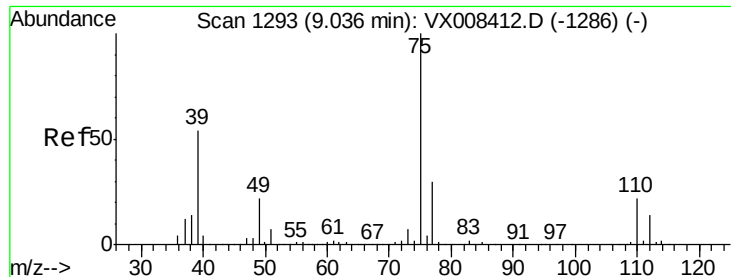
50000

0

8.70 8.80 8.90

Time-->





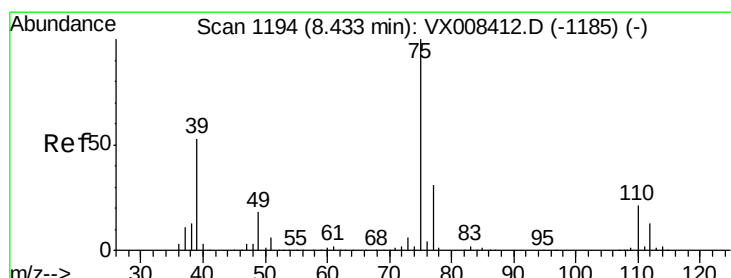
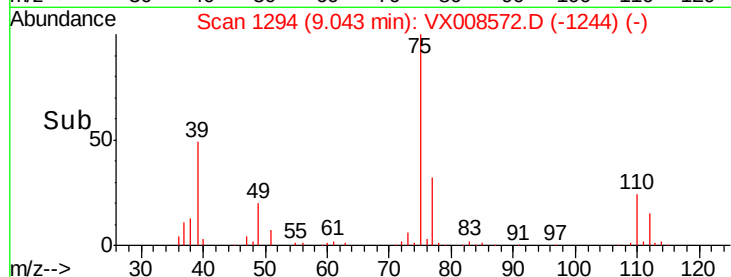
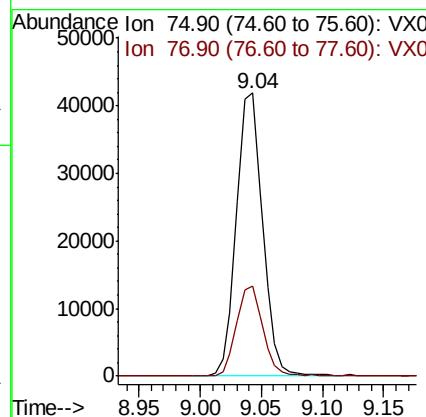
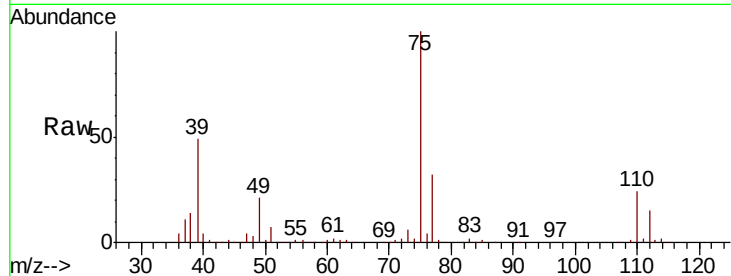
#53
t-1,3-Dichloropropene
Concen: 18.127 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

Tot Ion: 75 Resp: 62078
Ion Ratio Lower Upper
75 100
77 31.9 24.3 36.5

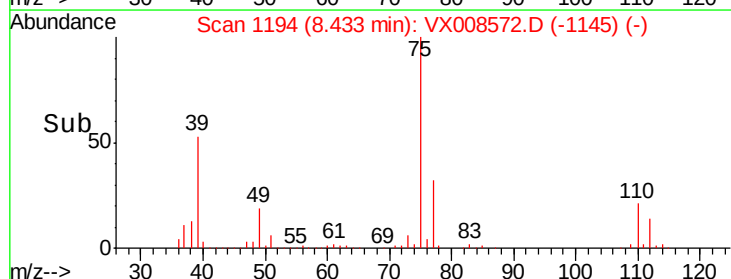
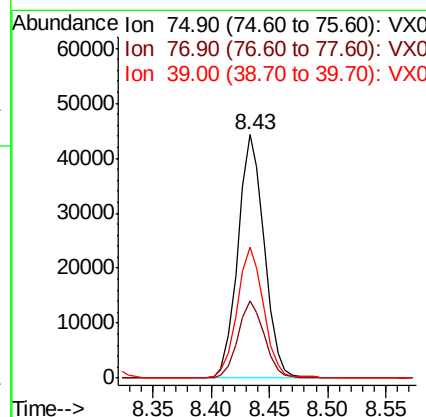
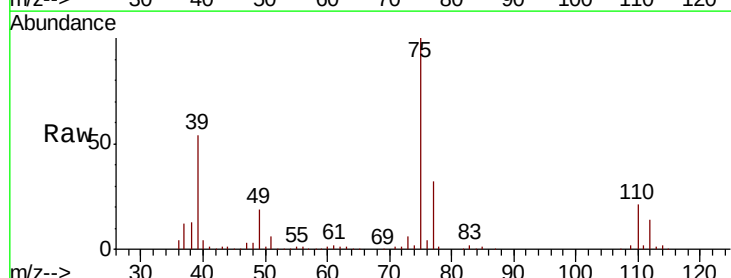
Manual Integrations
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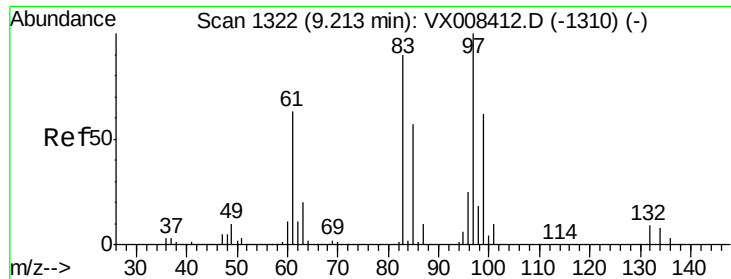
MMDadoda
4/2/2019 10:06:08 AM



#54
cis-1,3-Dichloropropene
Concen: 18.016 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 75 Resp: 70158
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 53.3 42.4 63.6





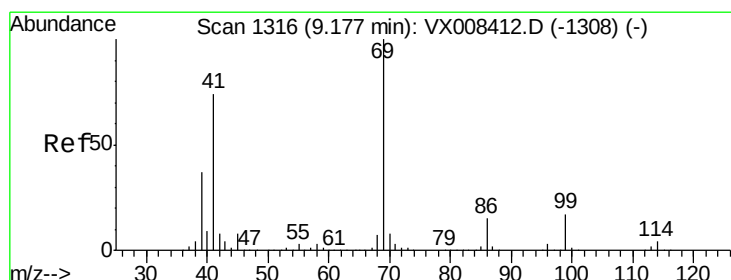
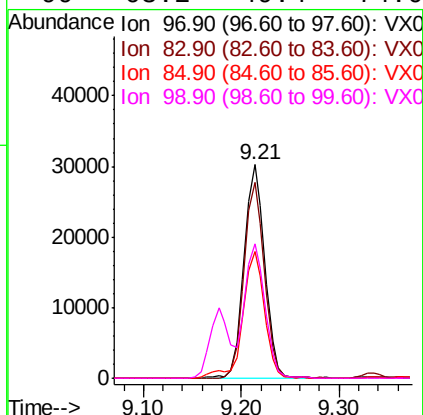
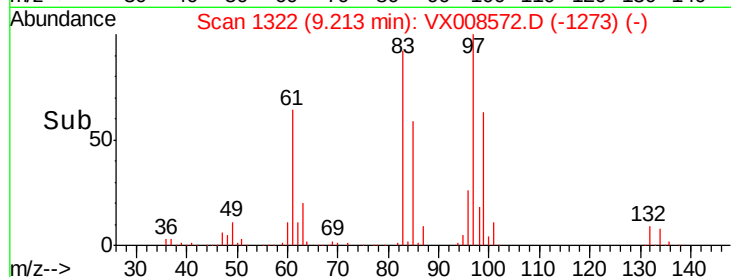
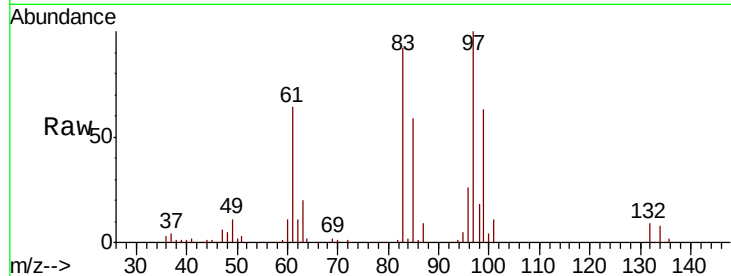
#55
 1,1,2-Trichloroethane
 Concen: 18.645 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Tot Ion:	97	Resp:	44662
Ion	Ratio	Lower	Upper
97	100		
83	91.8	71.8	107.6
85	59.3	45.9	68.9
99	63.2	49.4	74.0

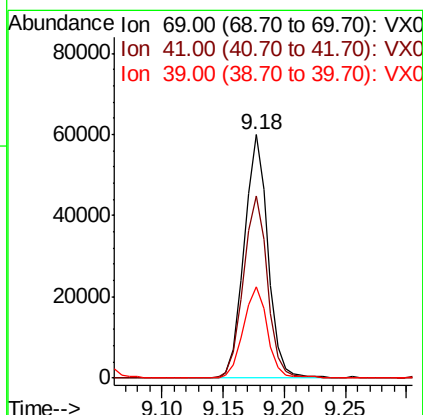
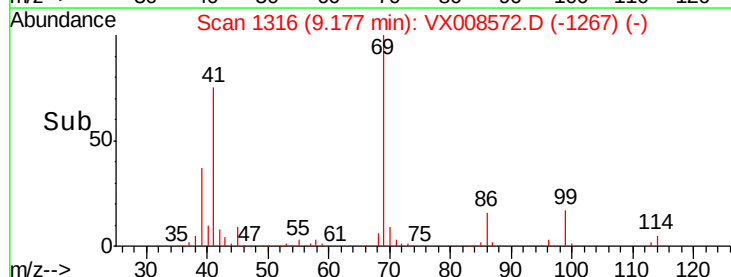
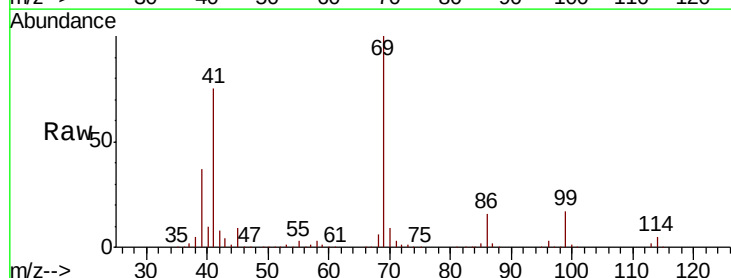
Manual Integrations
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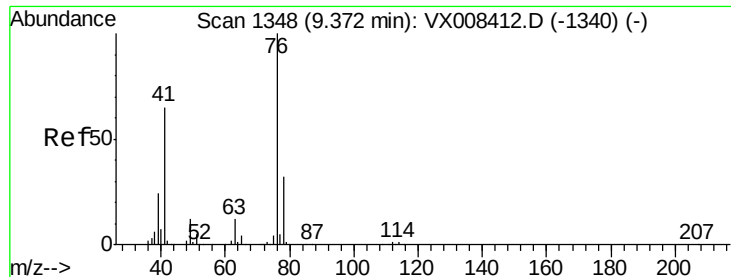
MMDadoda
 4/2/2019 10:06:08 AM



#56
 Ethyl methacrylate
 Concen: 18.668 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion:	69	Resp:	80718
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.5	89.3
39	37.6	29.3	43.9





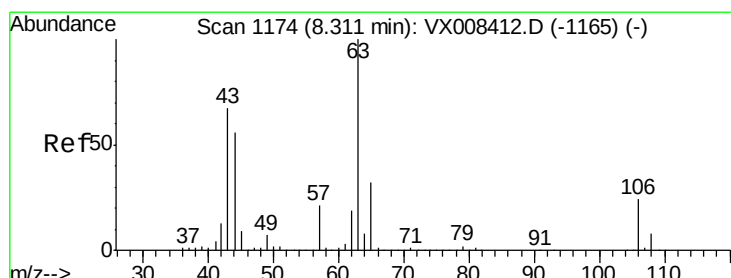
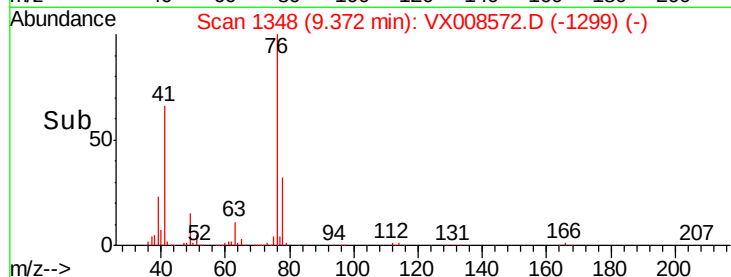
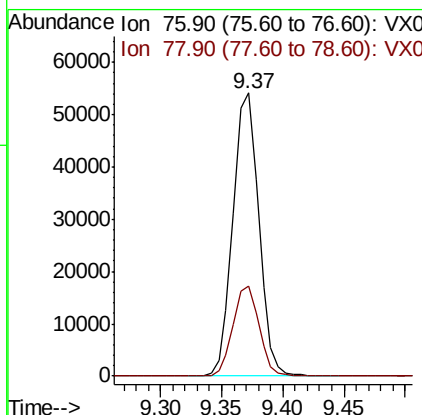
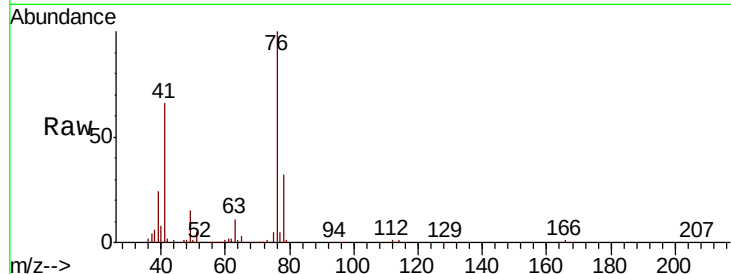
#57
 1,3-Dichloropropane
 Concen: 18.466 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Tot Ion: 76 Resp: 79305
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

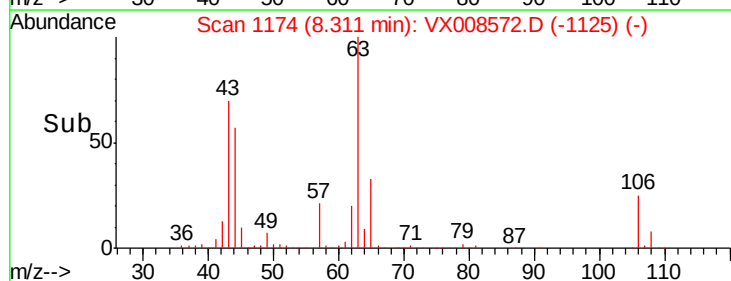
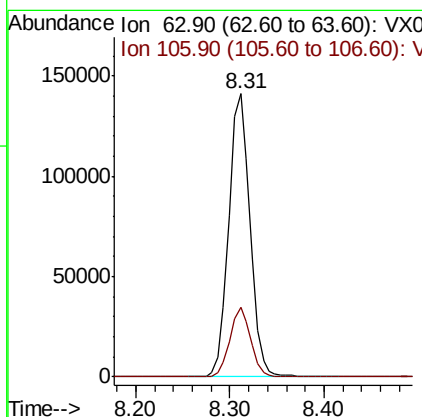
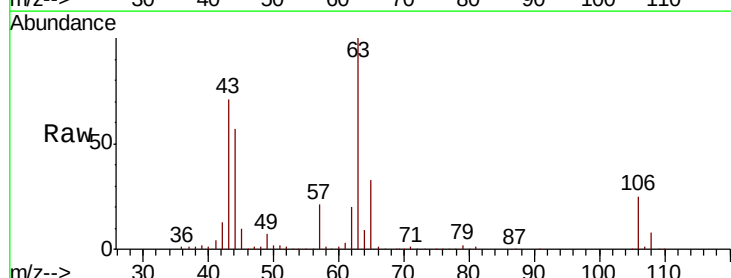
Manual Integrations
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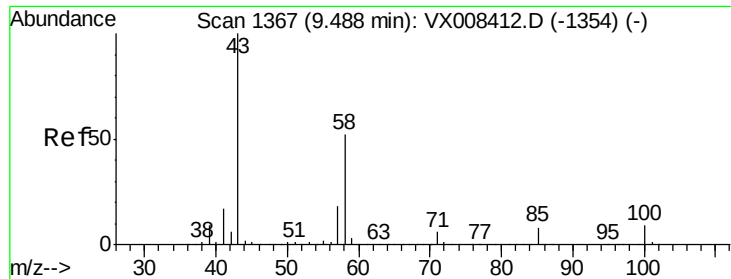
MMDadoda
 4/2/2019 10:06:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.343 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion: 63 Resp: 222039
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.0 28.6





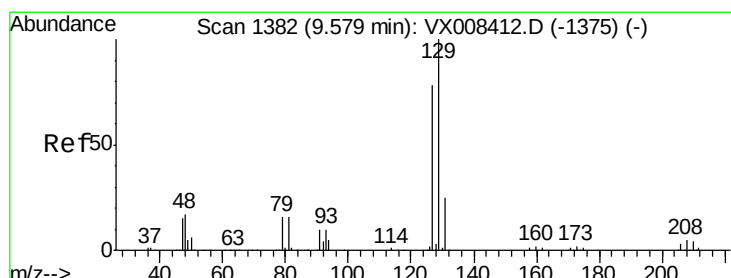
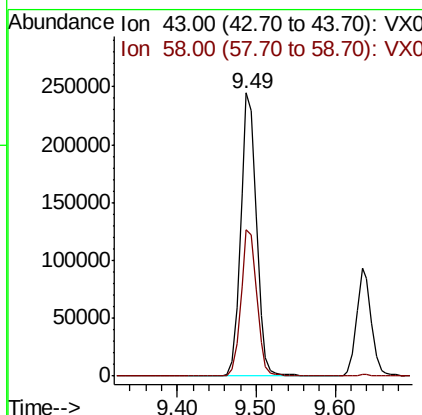
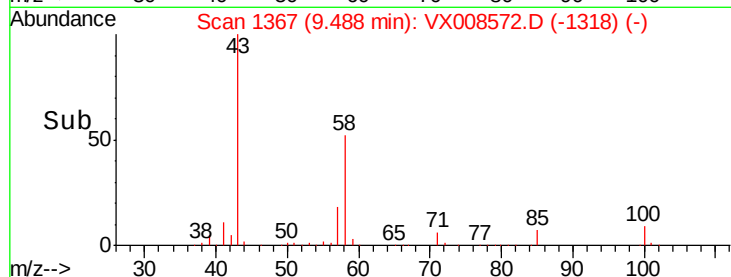
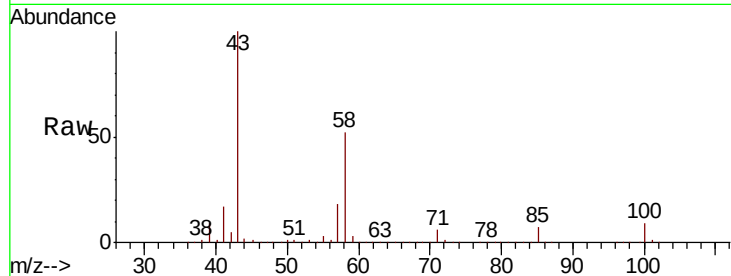
#59
2-Hexanone
Concen: 98.843 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

Tot Ion: 43 Resp: 338854
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9

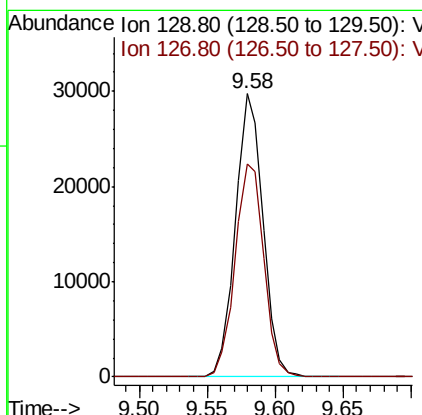
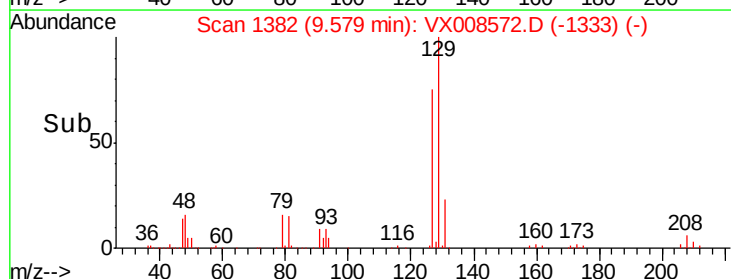
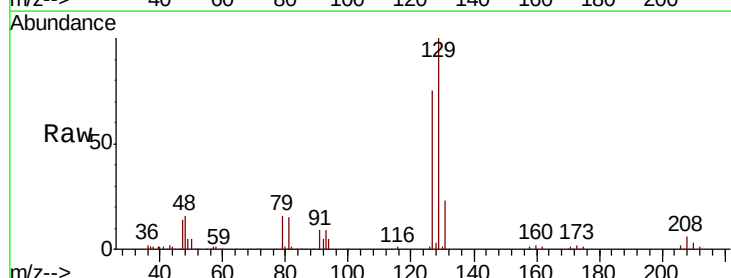
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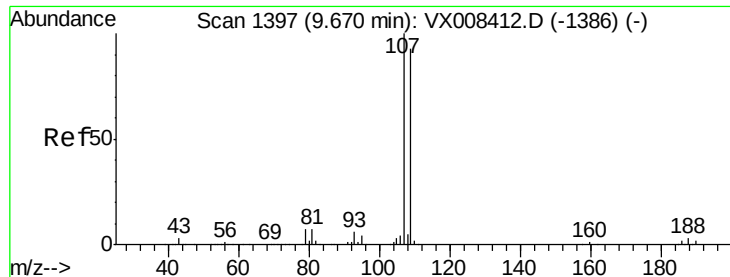
MMDadoda
4/2/2019 10:06:08 AM



#60
Dibromochloromethane
Concen: 18.445 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 129 Resp: 42018
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.3





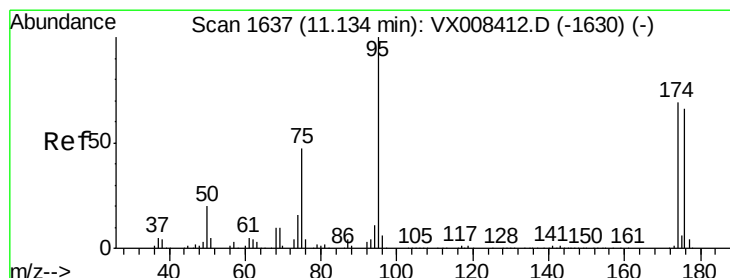
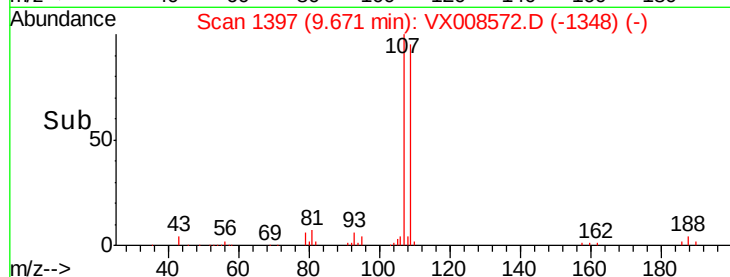
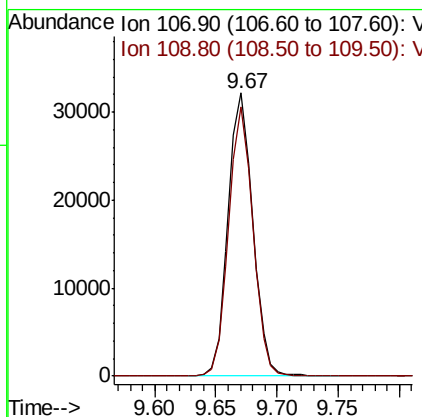
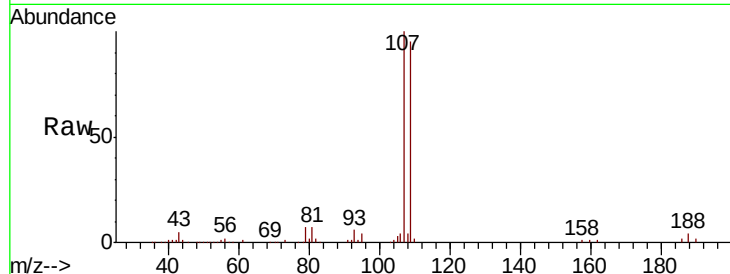
#61
 1,2-Dibromoethane
 Concen: 18.426 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampled :
 VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	74.6	111.8

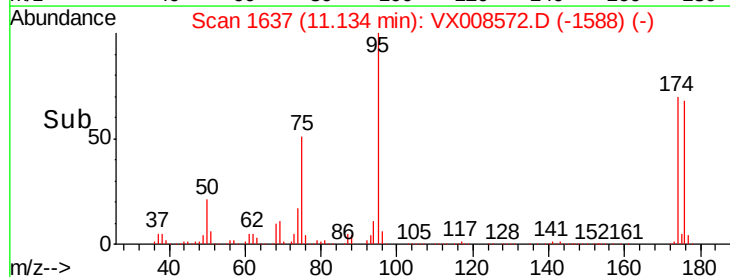
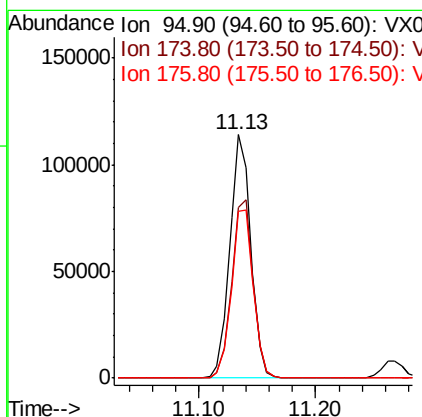
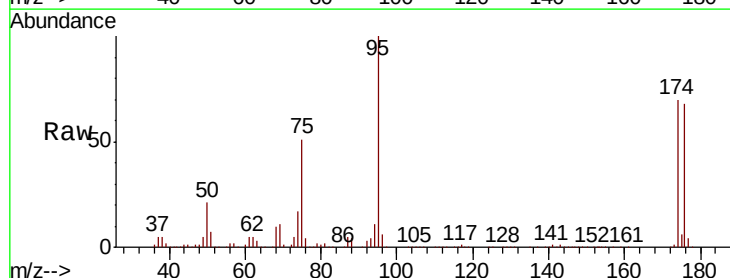
Manual Integrations
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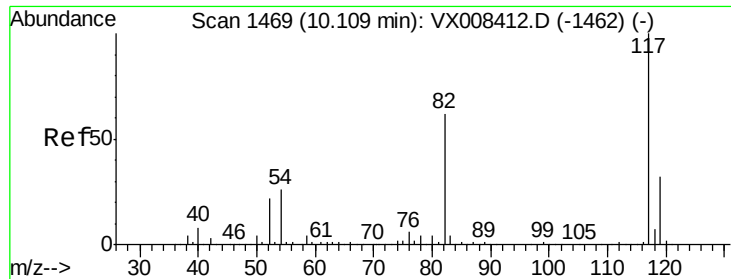
MMDadoda
 4/2/2019 10:06:08 AM



#62
 4-Bromofluorobenzene
 Concen: 47.851 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	147.2
176	72.0	0.0	142.4





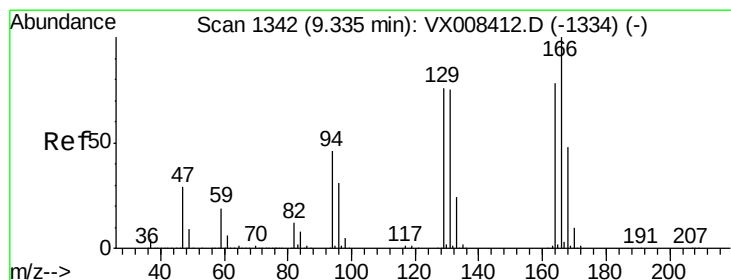
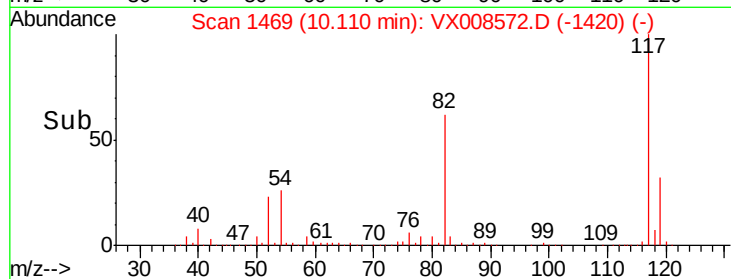
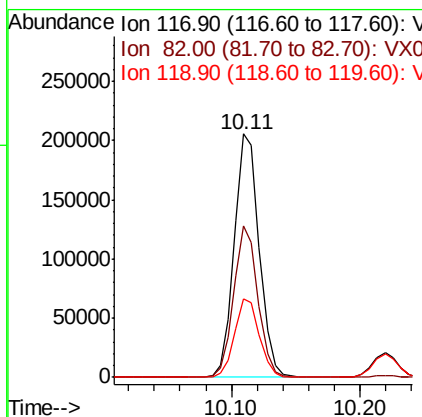
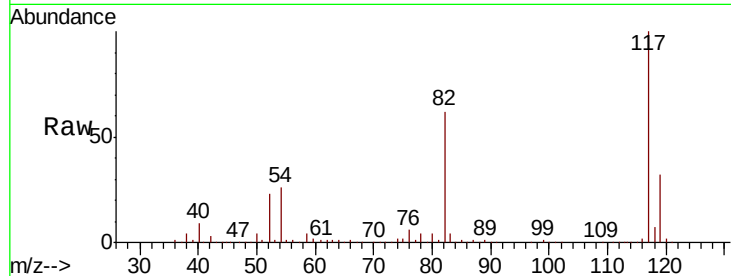
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	49.4	74.2
119	32.1	25.4	38.0

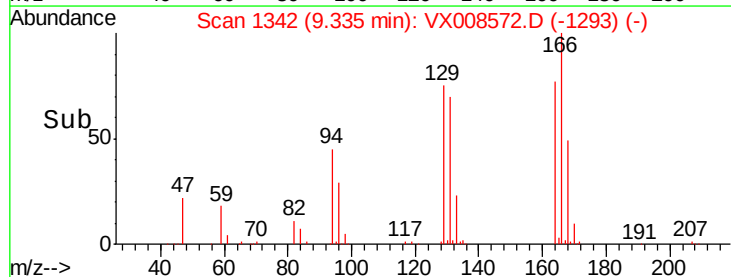
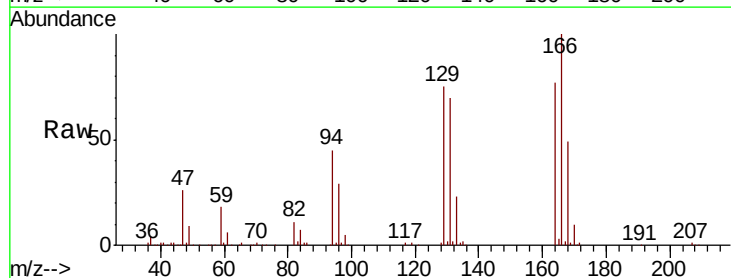
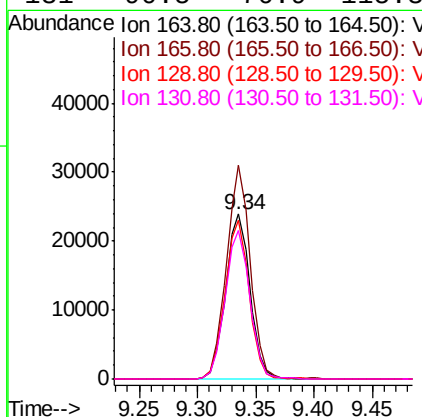
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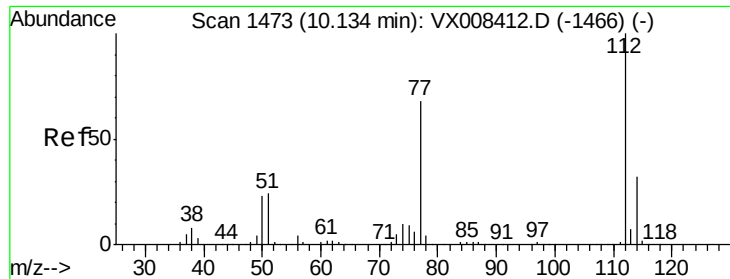
MMDadoda
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#64
Tetrachloroethene
Concen: 18.429 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	102.5	153.7
129	96.8	77.8	116.8
131	90.5	76.9	115.3





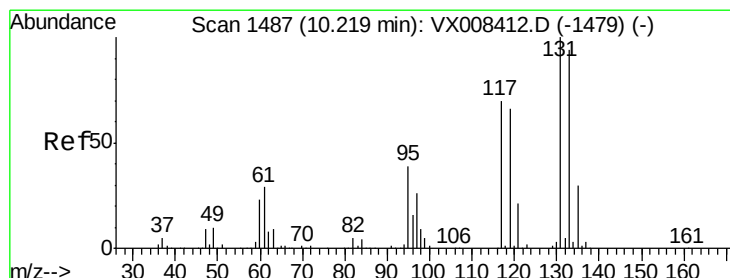
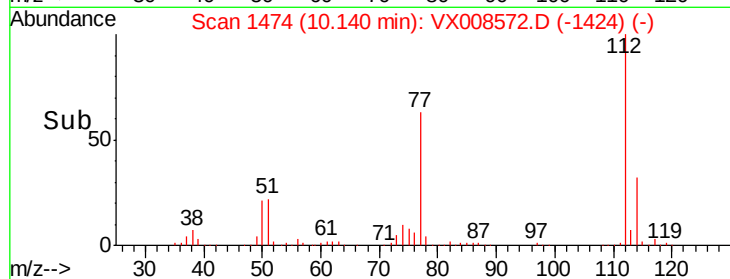
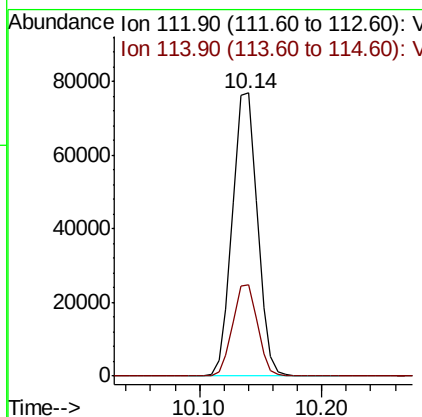
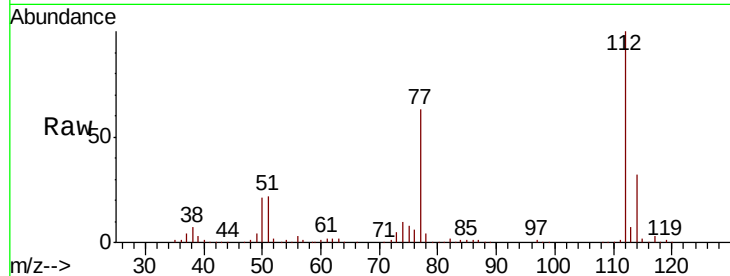
#65
Chlorobenzene
Concen: 18.056 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampled :
VX0401WBSD01

Tot Ion:112 Resp: 109071
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

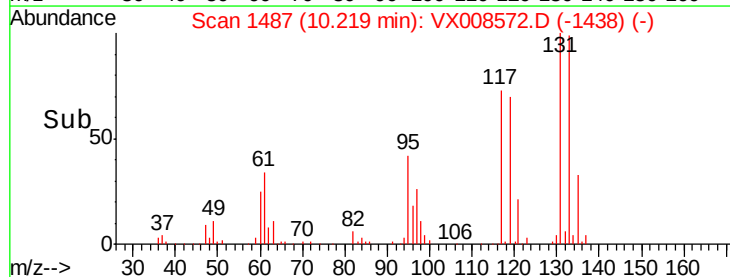
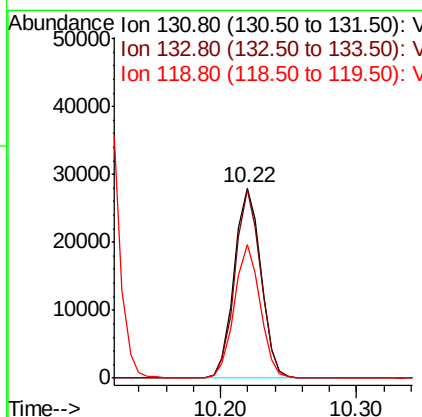
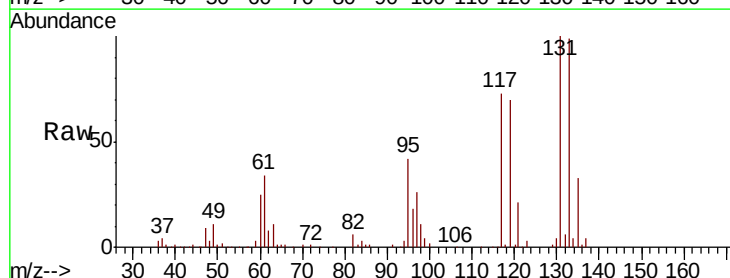
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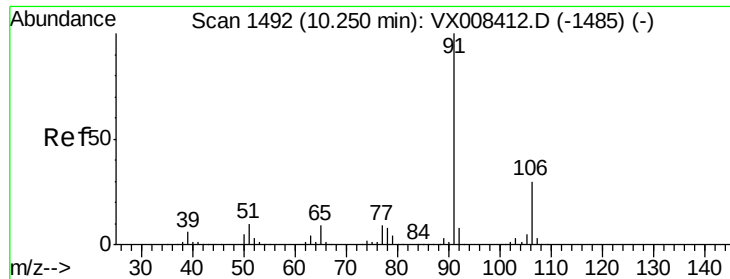
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.453 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion:131 Resp: 38457
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 67.7 33.6 100.6





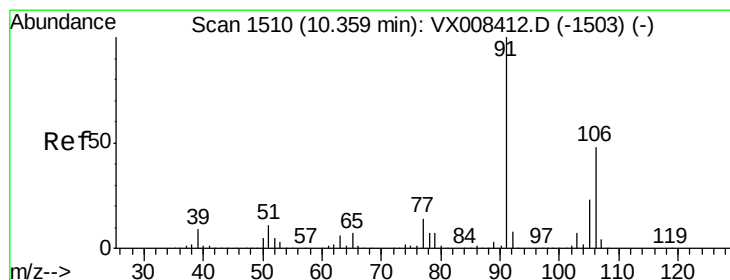
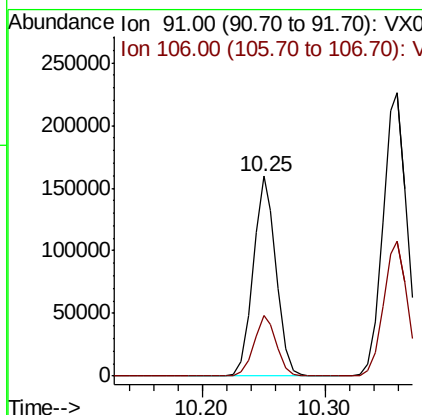
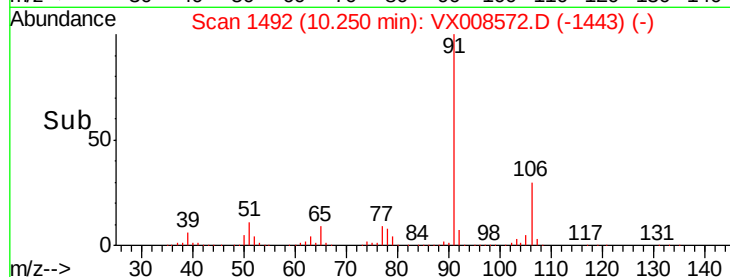
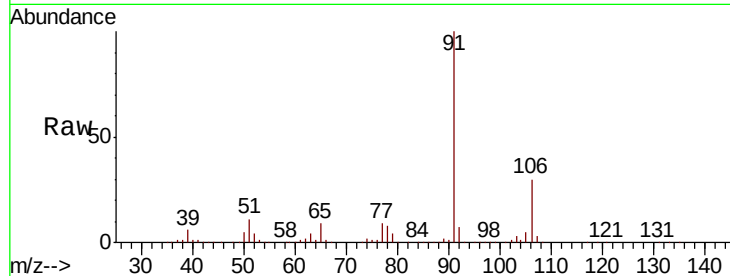
#67
Ethyl Benzene
Concen: 18.194 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampled :
VX0401WBSD01

Tot Ion: 91 Resp: 207416
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

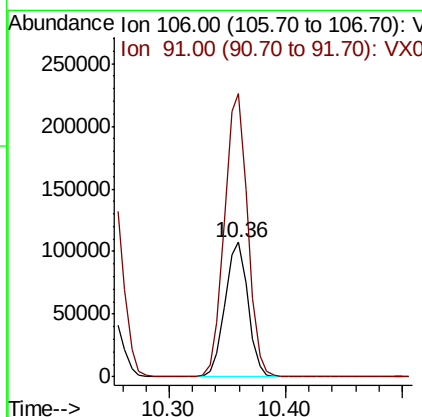
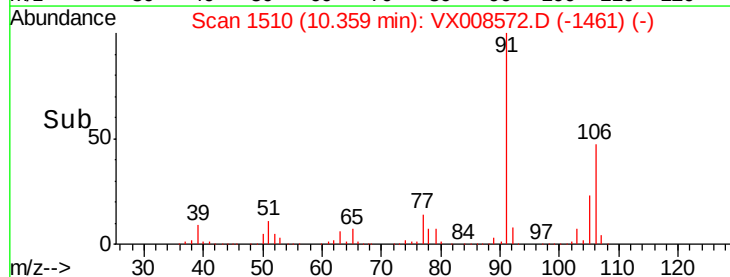
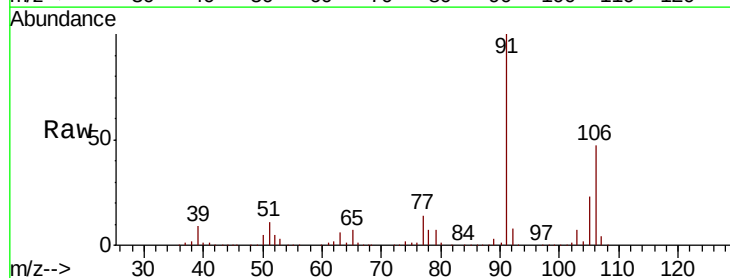
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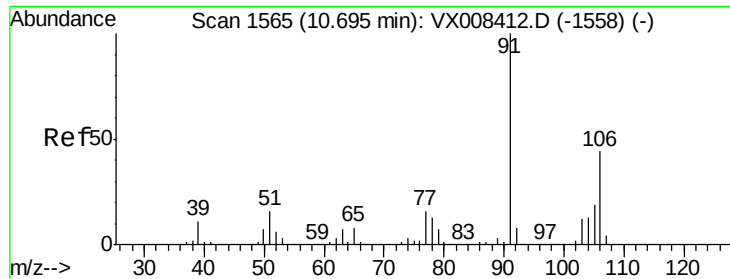
MMDadoda
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#68
m/p-Xylenes
Concen: 35.419 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion: 106 Resp: 146898
Ion Ratio Lower Upper
106 100
91 211.7 168.6 253.0





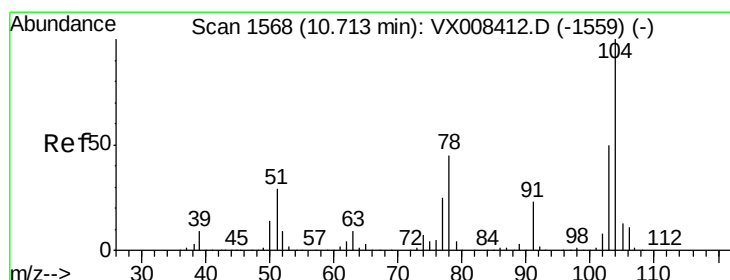
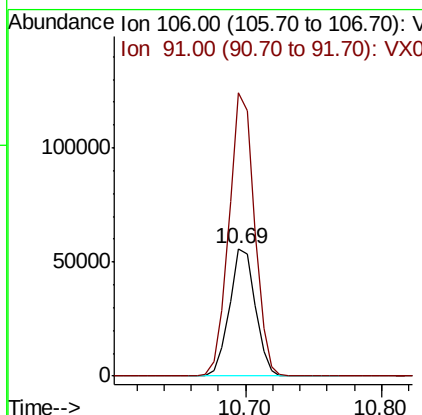
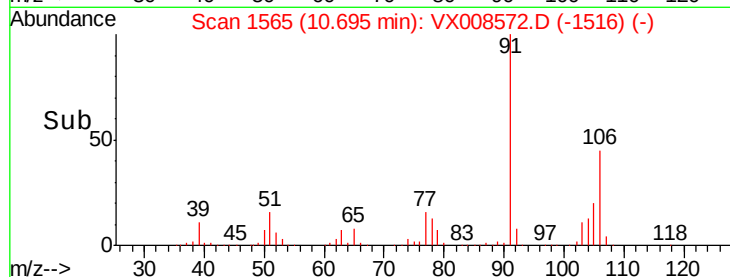
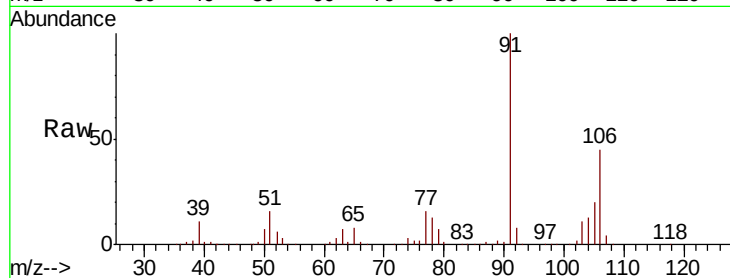
#69
o-Xylene
Concen: 18.405 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampled :
VX0401WBSD01

Tot Ion:106 Resp: 74076
Ion Ratio Lower Upper
106 100
91 219.2 111.4 334.2

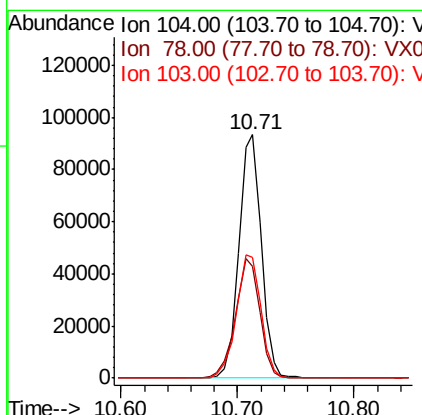
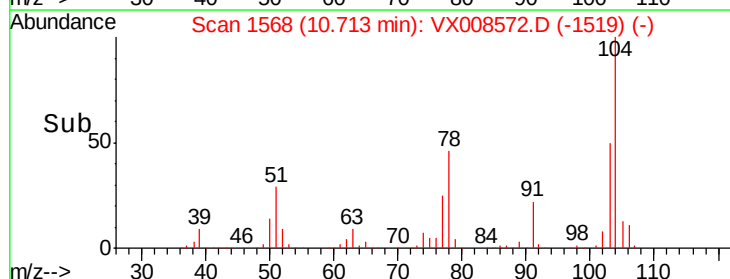
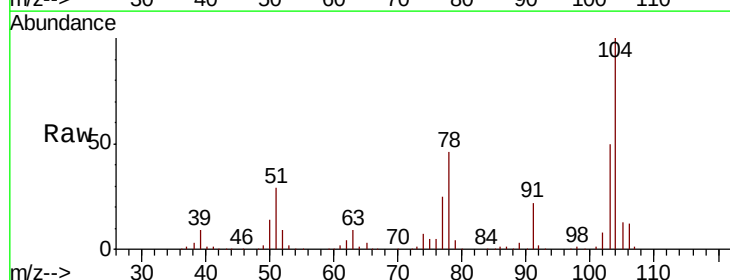
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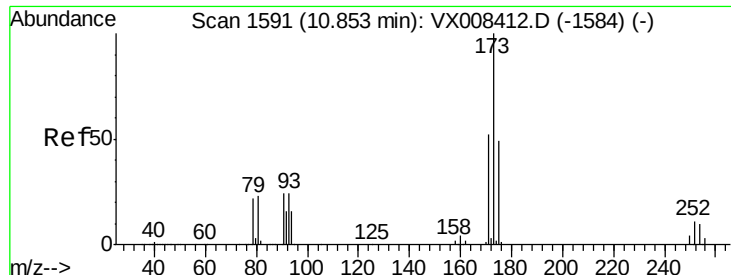
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#70
Styrene
Concen: 18.077 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion:104 Resp: 125672
Ion Ratio Lower Upper
104 100
78 53.4 42.5 63.7
103 55.6 44.2 66.4





#71

Bromoform

Concen: 17.949 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion:173 Resp: 29542

Ion Ratio Lower Upper

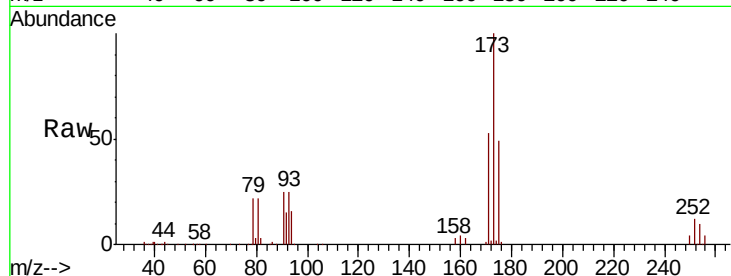
173 100

175 49.5 24.3 72.8

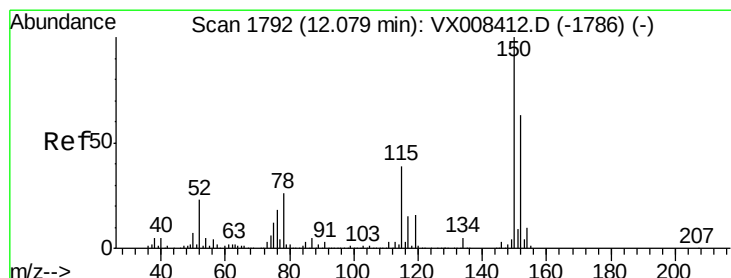
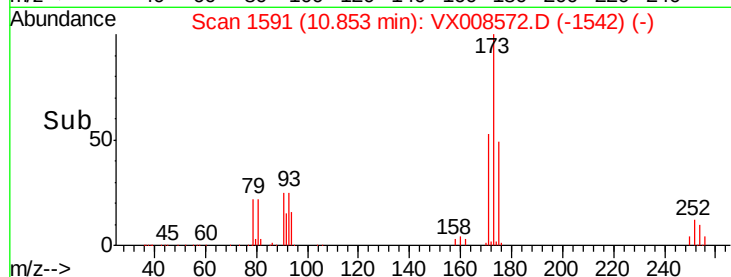
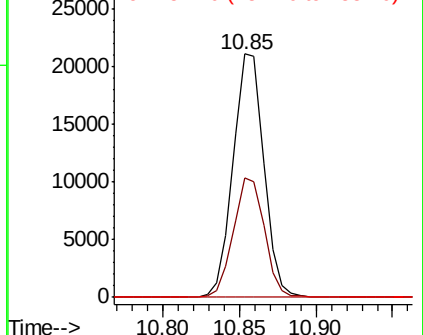
254 0.3 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

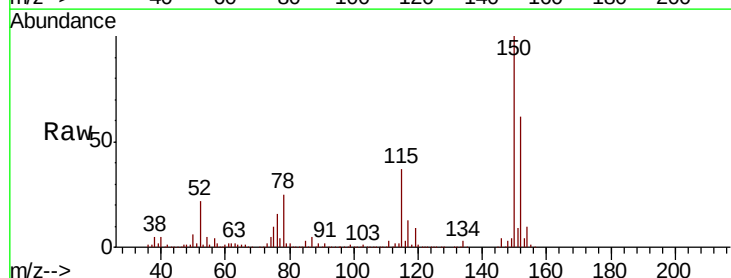
Tgt Ion:152 Resp: 128121

Ion Ratio Lower Upper

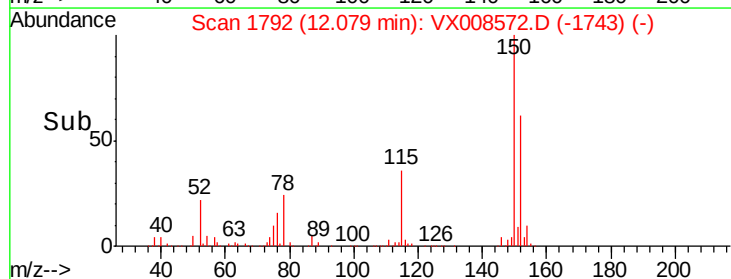
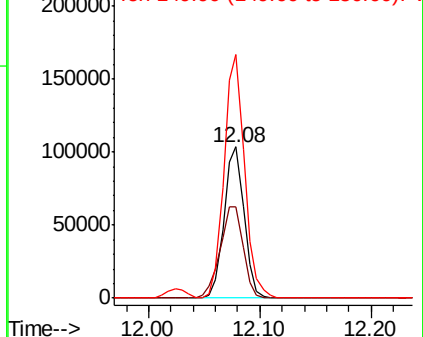
152 100

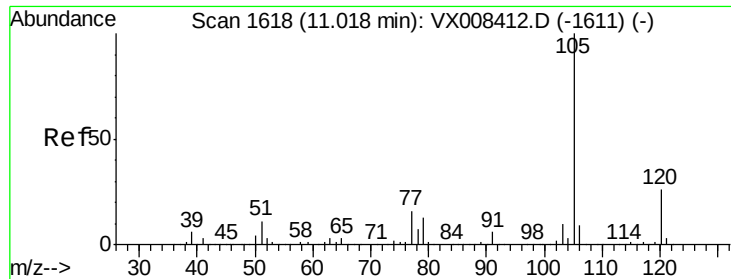
115 69.9 43.5 130.5

150 165.3 0.0 348.8



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





#73

Isopropylbenzene

Concen: 18.616 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampled :

VX0401WBSD01

Tot Ion: 105 Resp: 194040

Ion Ratio Lower Upper

105 100

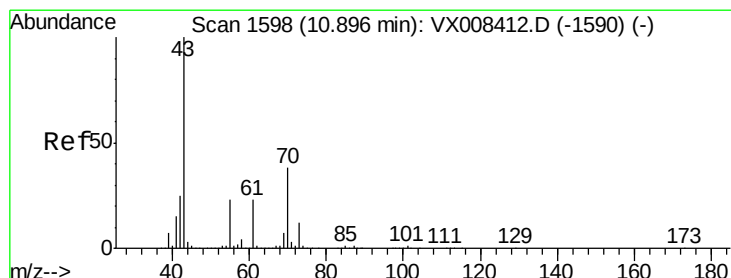
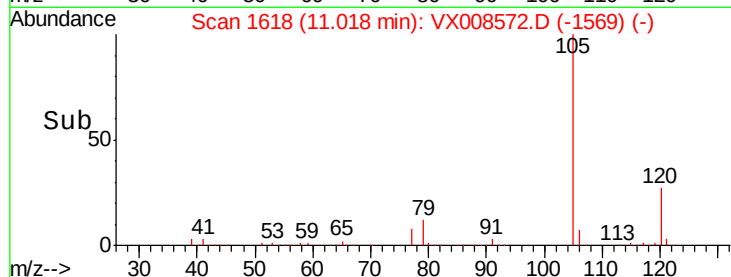
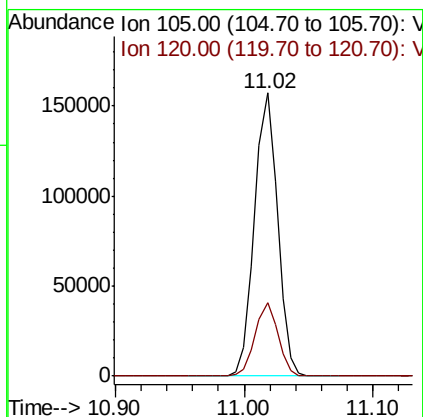
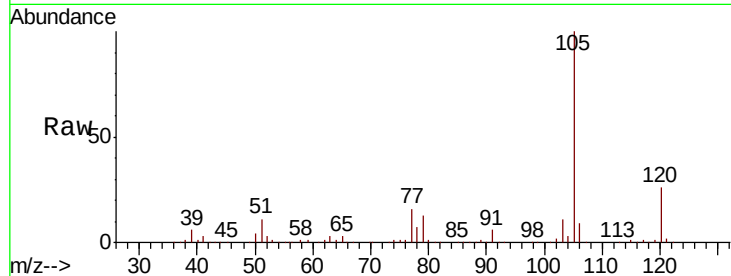
120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 19.303 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion: 43 Resp: 116459

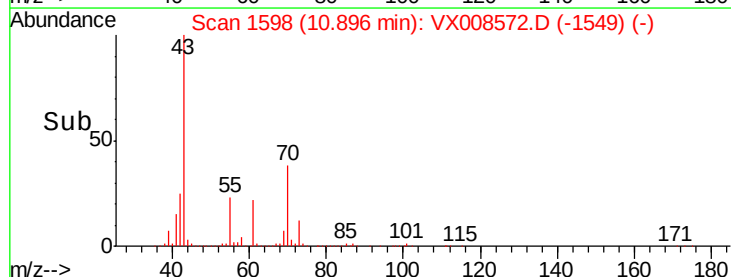
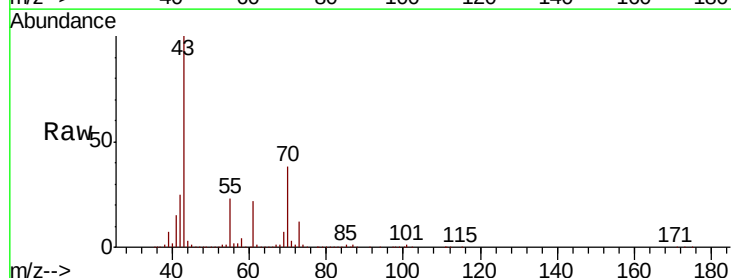
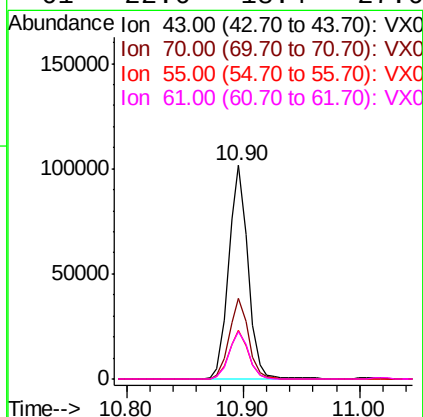
Ion Ratio Lower Upper

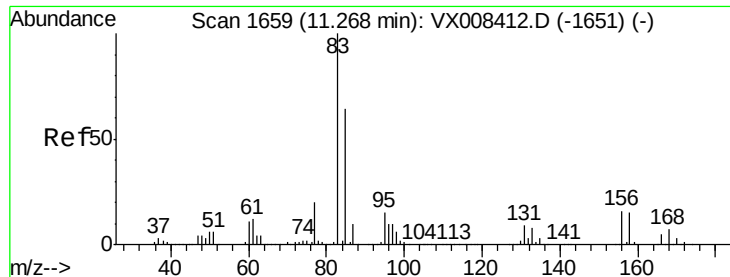
43 100

70 37.9 30.5 45.7

55 22.7 18.2 27.2

61 22.6 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.014 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

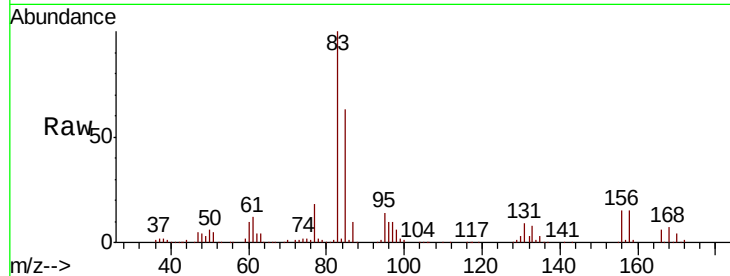
ClientSampleId :

VX0401WBSD01

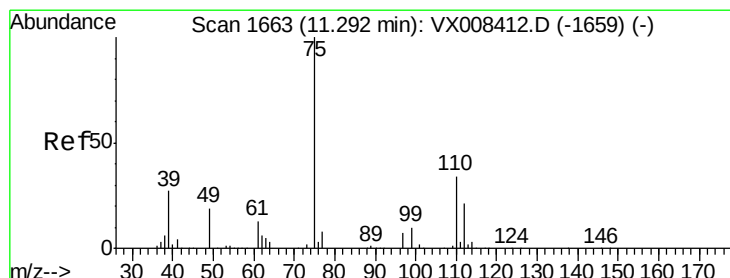
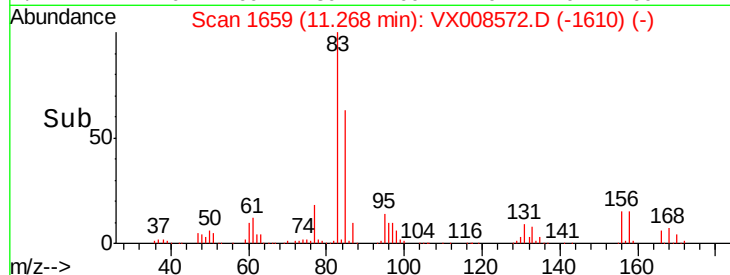
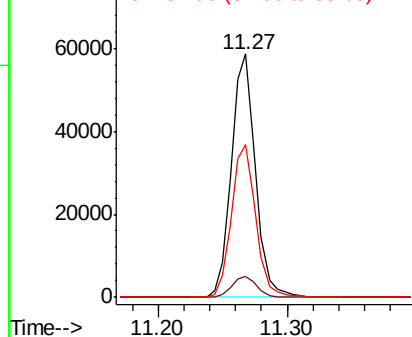
Tot Ion:	83	Resp:	76896
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.5	13.4
85	63.5	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 17.030 ug/l m

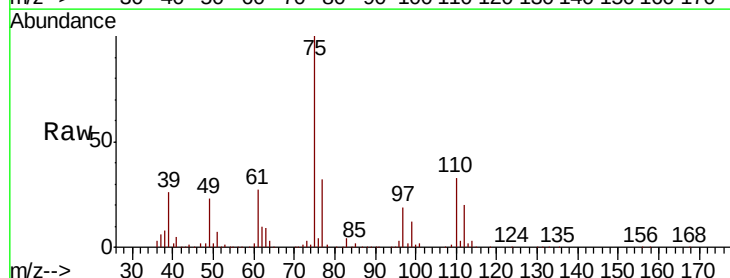
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

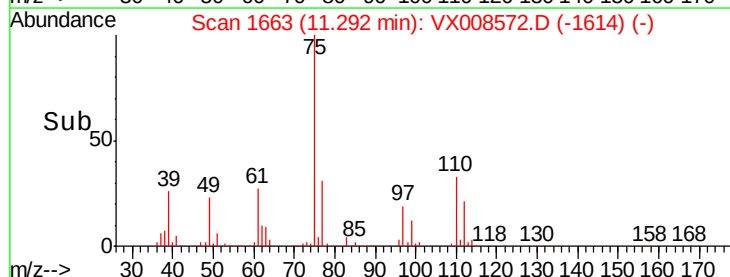
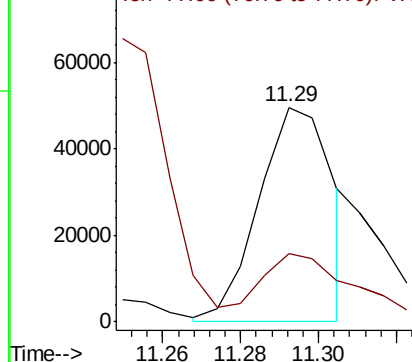
Lab File: VX008572.D

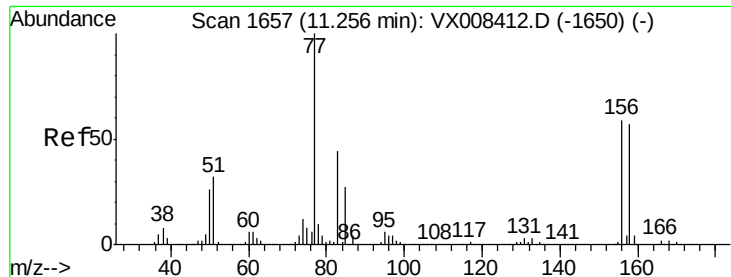
Acq: 01 Apr 2019 16:33

Tgt Ion:	75	Resp:	64866
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.9	65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.262 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampled :

VX0401WBSD01

Tot Ion:156 Resp: 46198

Ion Ratio Lower Upper

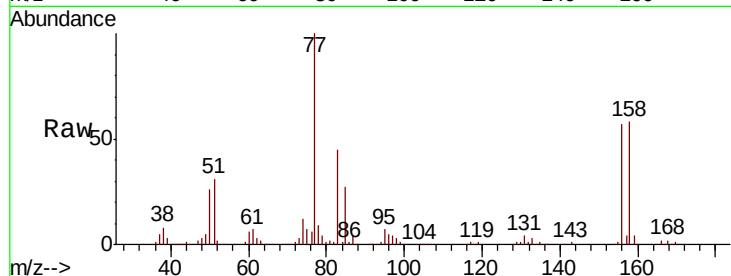
156 100

77 181.3 91.1 273.3

158 98.0 48.3 144.8

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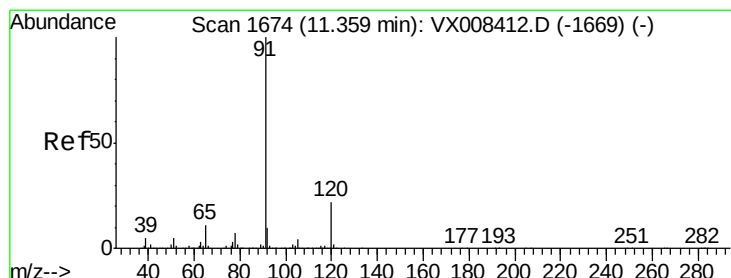
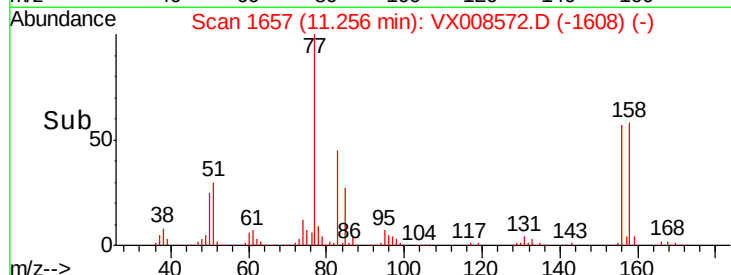
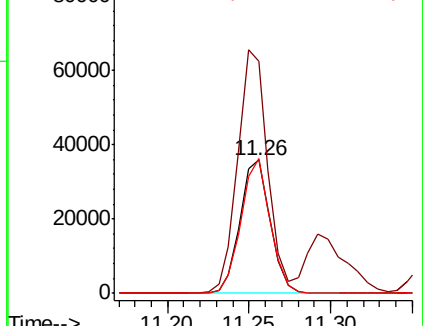
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.191 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008572.D

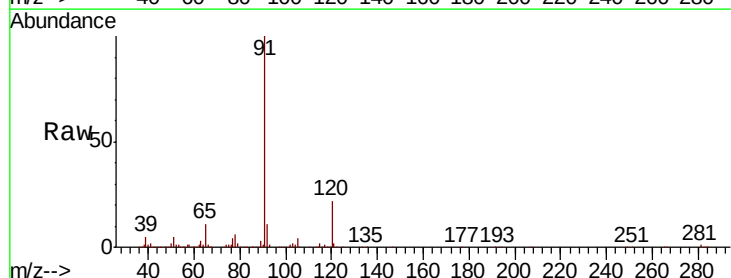
Acq: 01 Apr 2019 16:33

Tgt Ion: 91 Resp: 222117

Ion Ratio Lower Upper

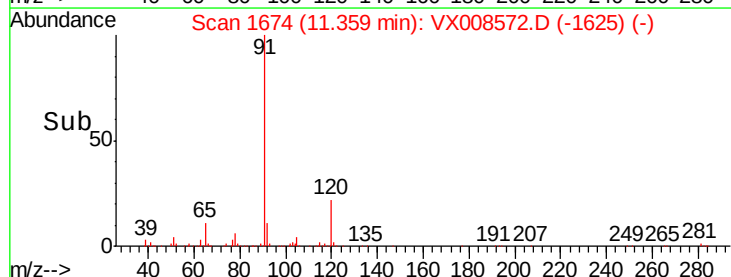
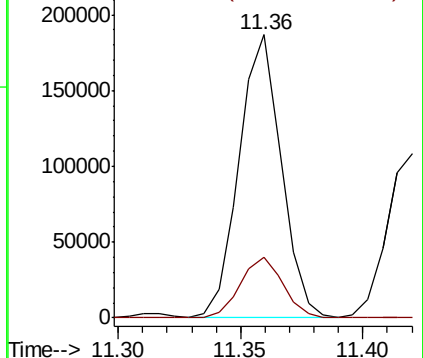
91 100

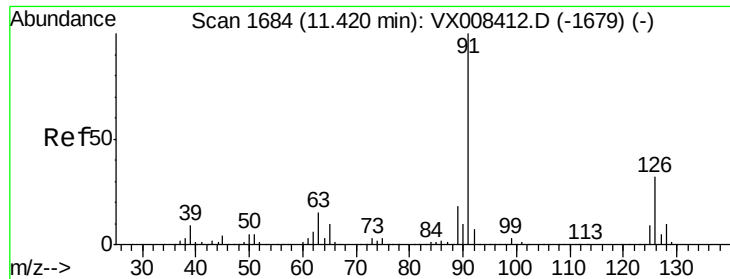
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





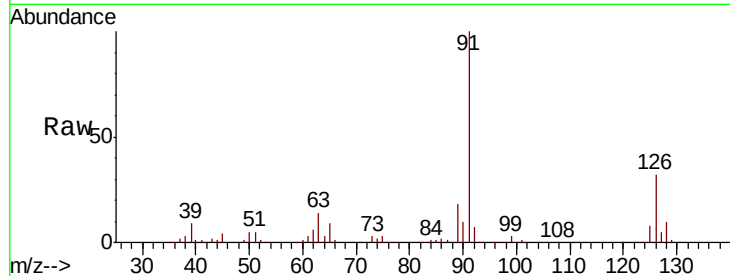
#79
 2-Chlorotoluene
 Concen: 18.404 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampled :
 VX0401WBSD01

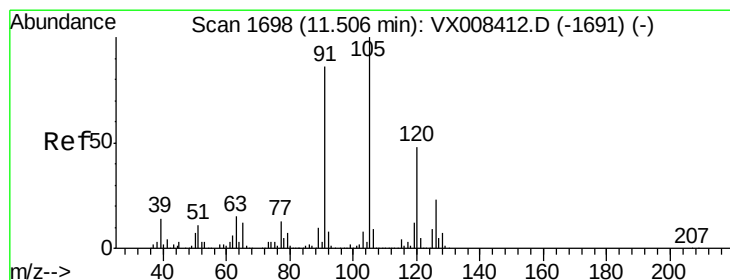
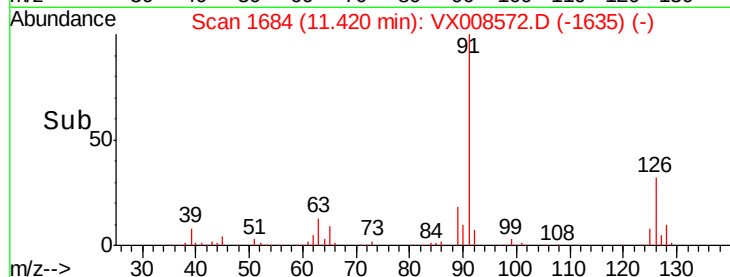
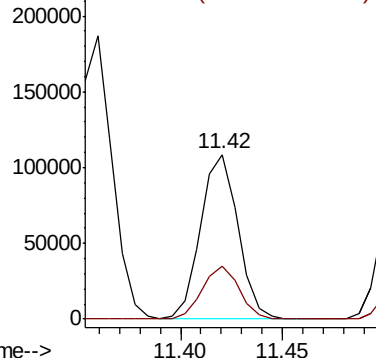
Tot Ion: 91 Resp: 136680
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1

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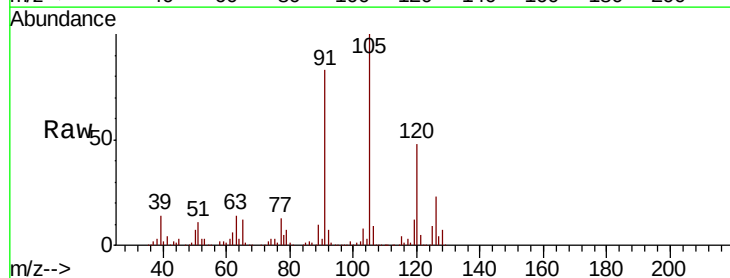


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

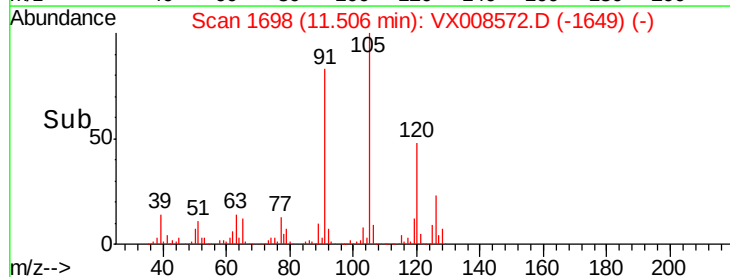
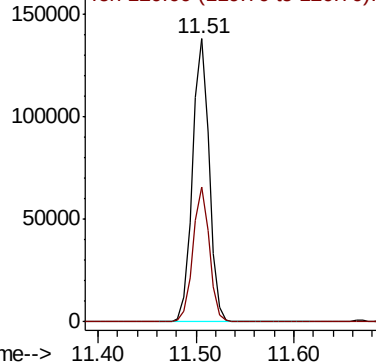


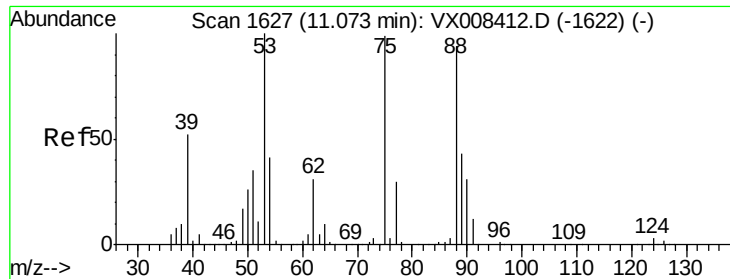
#80
 1,3,5-Trimethylbenzene
 Concen: 18.485 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion:105 Resp: 162887
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3



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





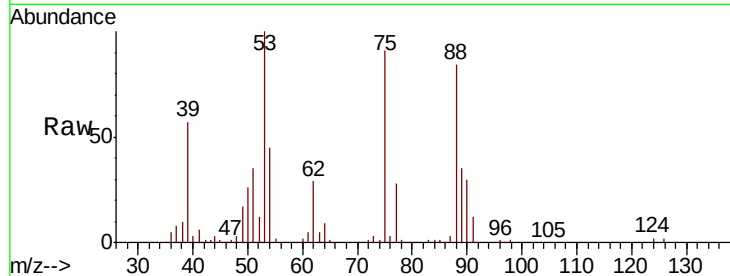
#81
trans-1,4-Dichloro-2-butene
Concen: 17.164 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Instrument :
MSVOA_X
ClientSampled :
VX0401WBSD01

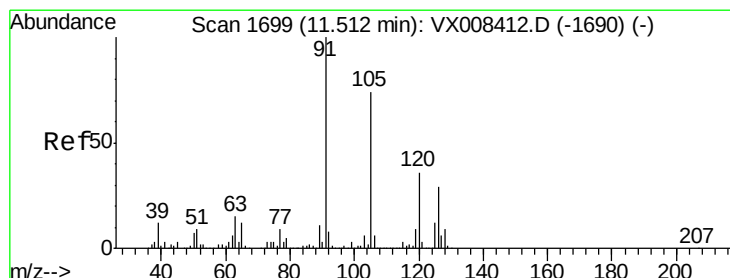
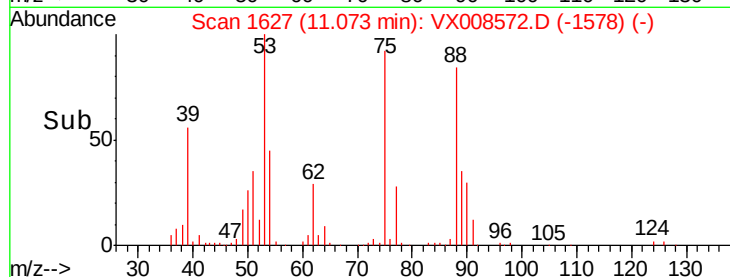
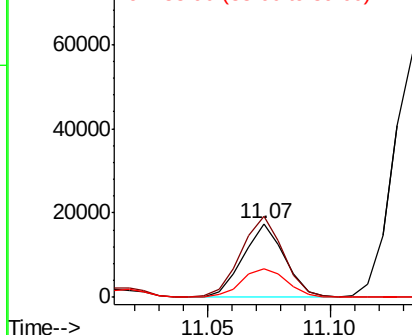
Tot Ion	Ratio	Lower	Upper
75	100		
53	112.5	82.1	123.1
89	42.9	34.6	52.0

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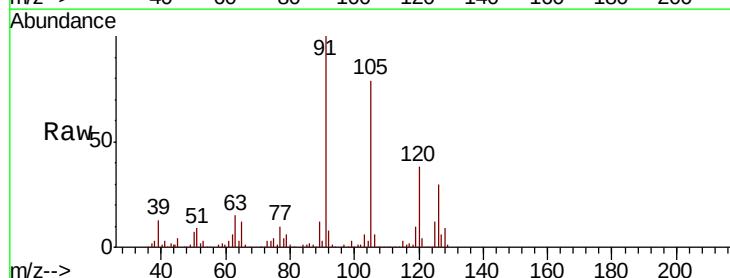


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

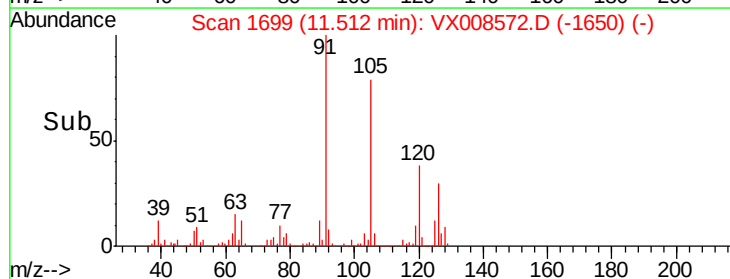
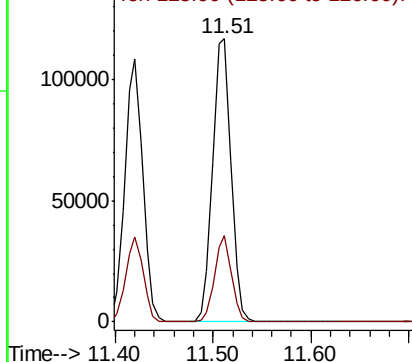


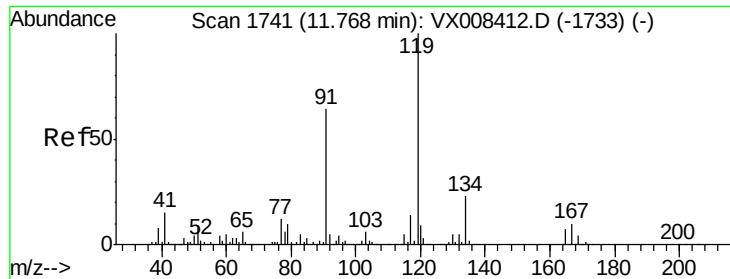
#82
4-Chlorotoluene
Concen: 17.887 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008572.D
Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.2	13.9	41.7



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





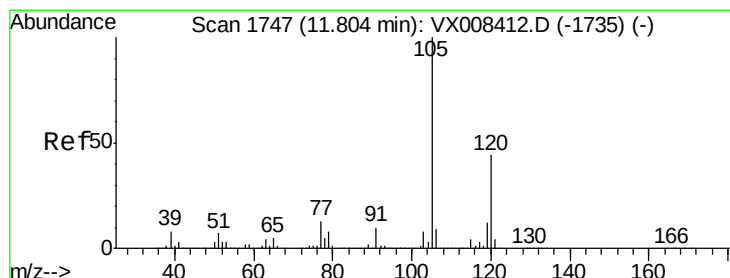
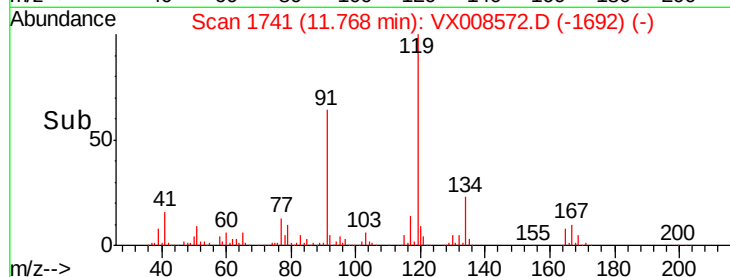
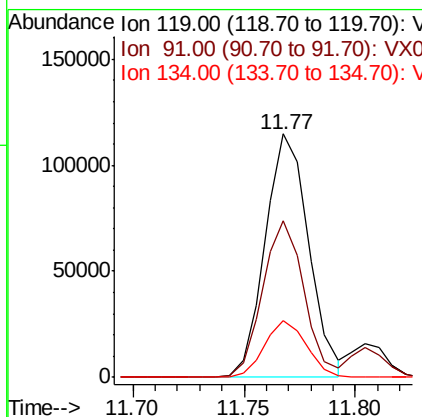
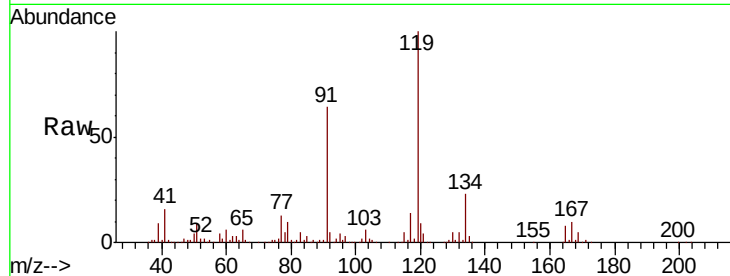
#83
 tert-Butylbenzene
 Concen: 18.325 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	155800		
91	61.2	30.1	90.3	
134	22.5	10.9	32.9	

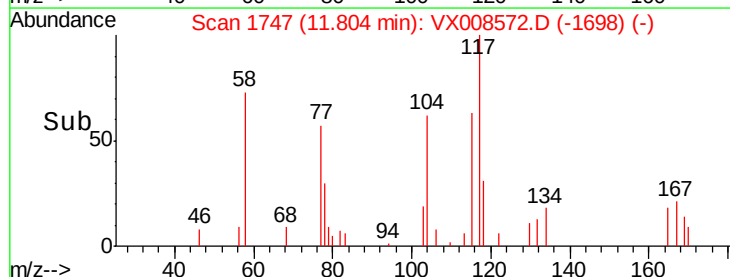
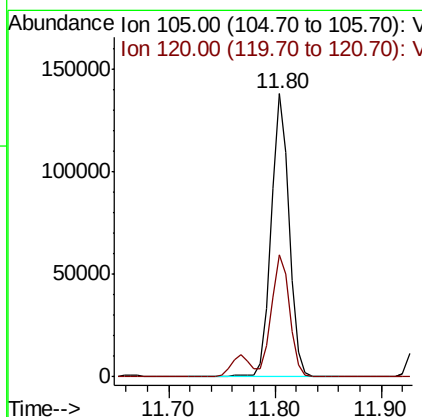
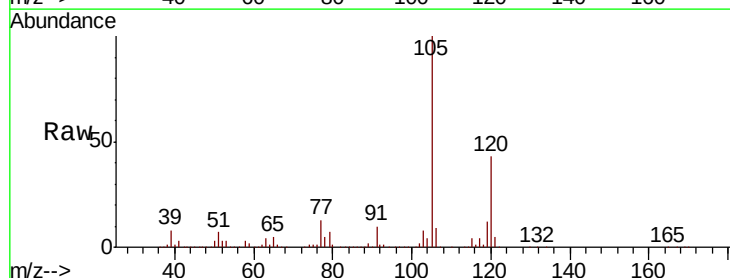
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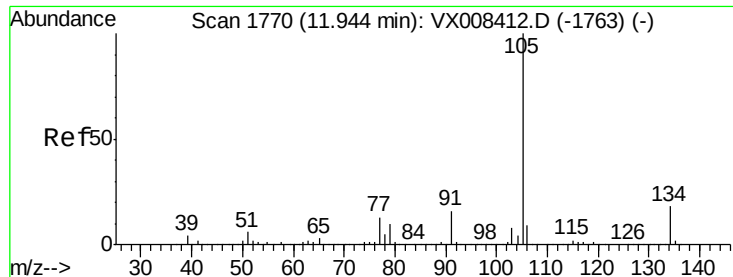
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.248 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	162643		
120	43.3	21.6	65.0	





#85

sec-Butylbenzene

Concen: 18.349 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampled :

VX0401WBSD01

Tot Ion:105 Resp: 185778

Ion Ratio Lower Upper

105 100

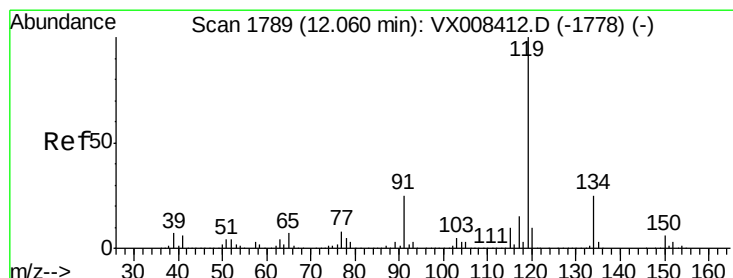
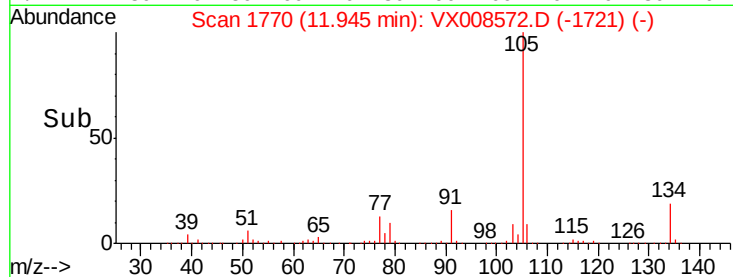
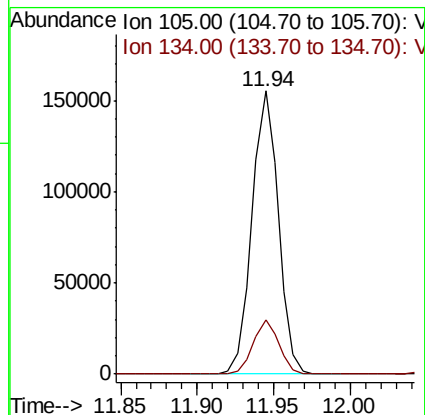
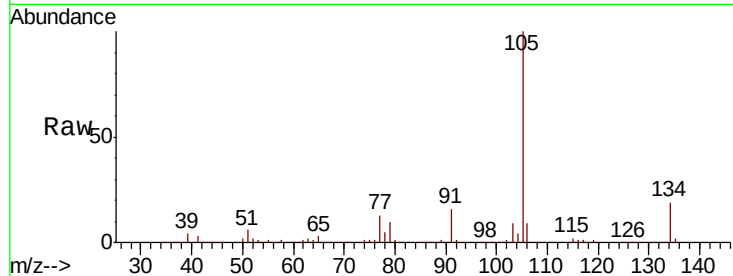
134 18.8 9.3 28.0

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#86

p-Isopropyltoluene

Concen: 18.482 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

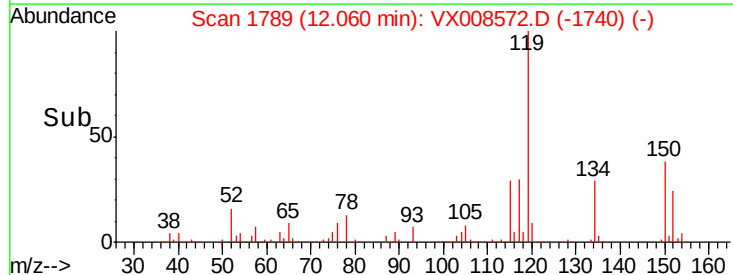
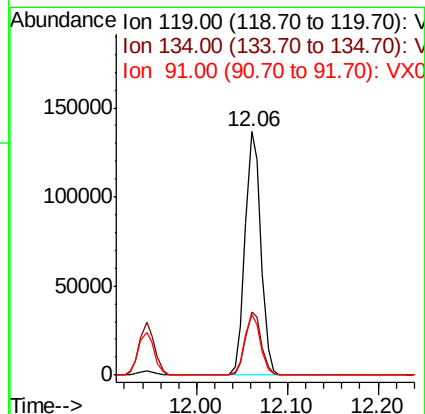
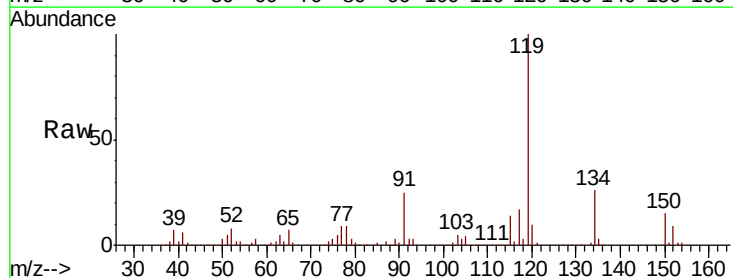
Tgt Ion:119 Resp: 165110

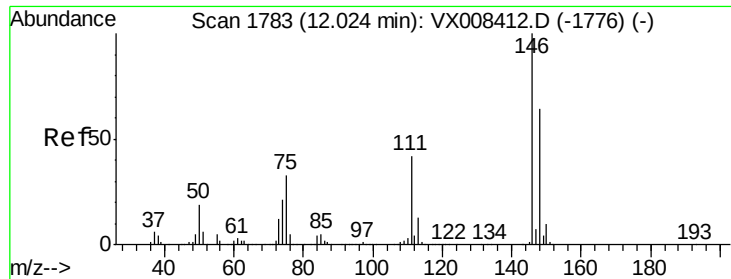
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 24.7 12.4 37.0





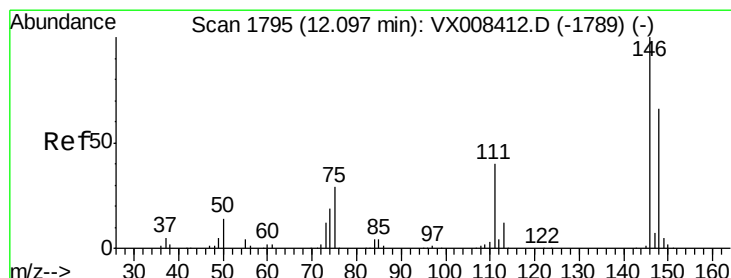
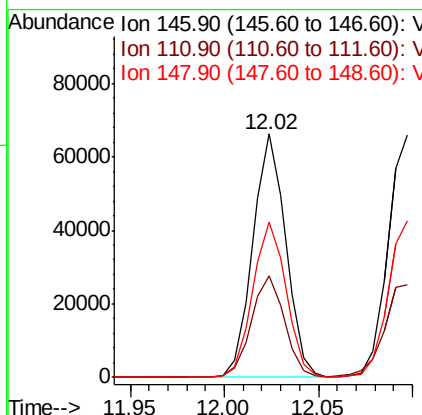
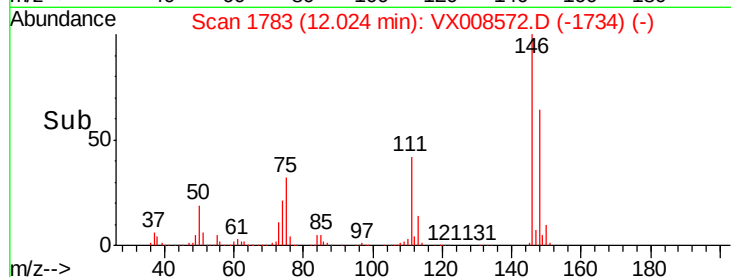
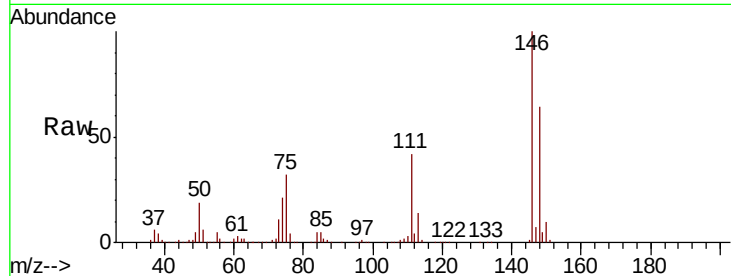
#87
 1,3-Dichlorobenzene
 Concen: 17.792 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.5
148	64.7	32.0	96.0

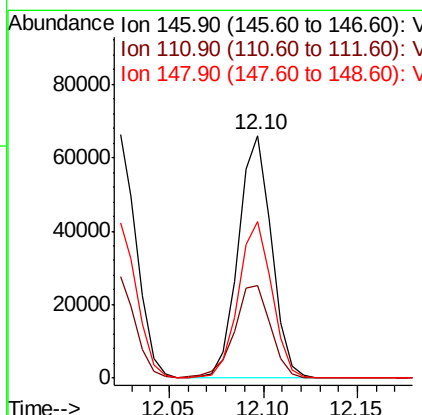
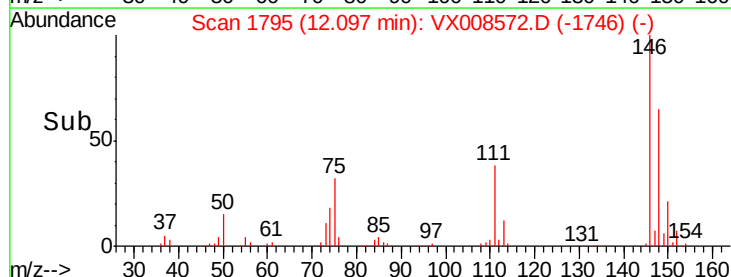
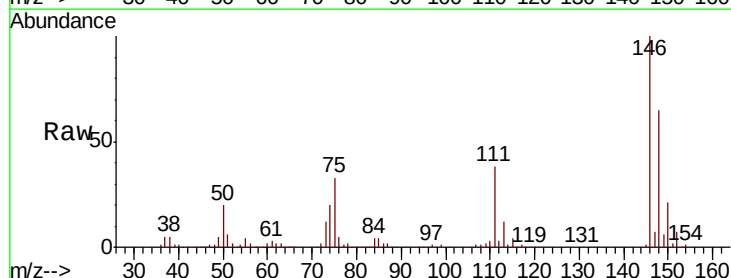
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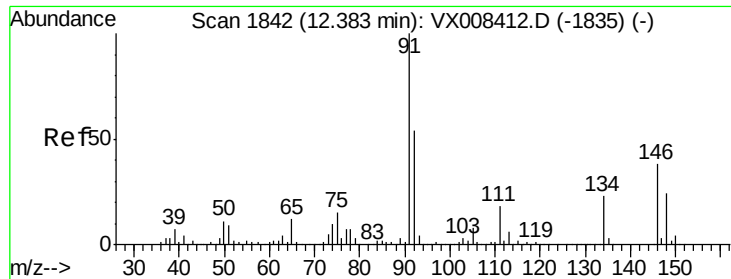
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#88
 1,4-Dichlorobenzene
 Concen: 17.611 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	65.5	32.1	96.5





#89

n-Butylbenzene

Concen: 17.703 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion: 91 Resp: 149822

Ion Ratio Lower Upper

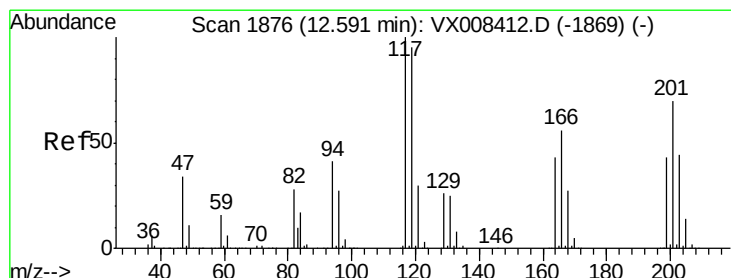
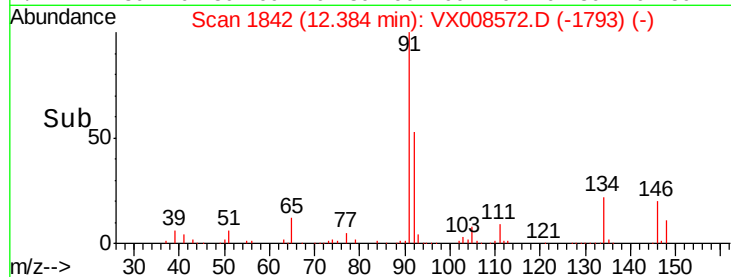
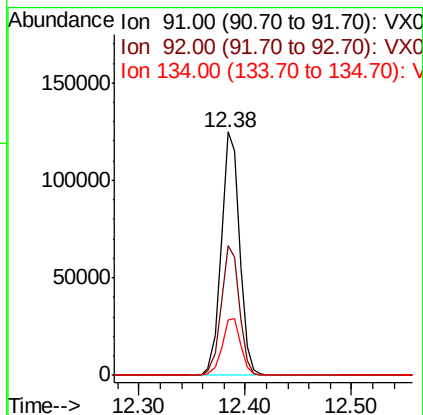
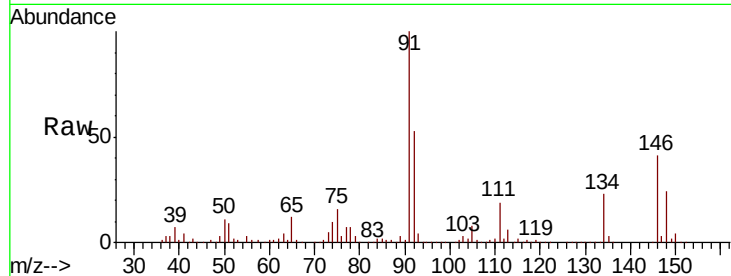
91 100

92 52.7 26.5 79.5

134 23.8 11.8 35.4

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#90

Hexachloroethane

Concen: 17.735 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX008572.D

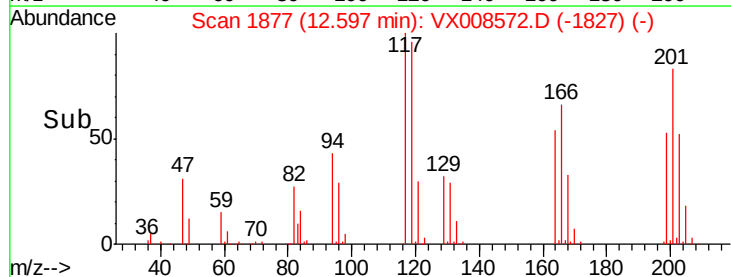
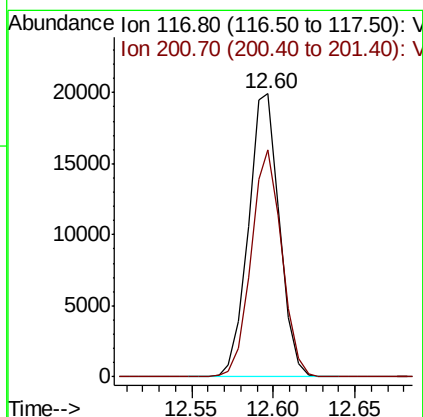
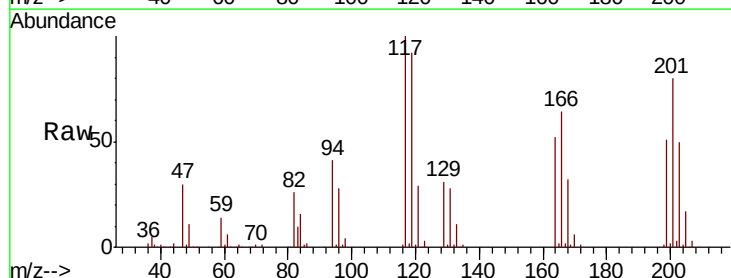
Acq: 01 Apr 2019 16:33

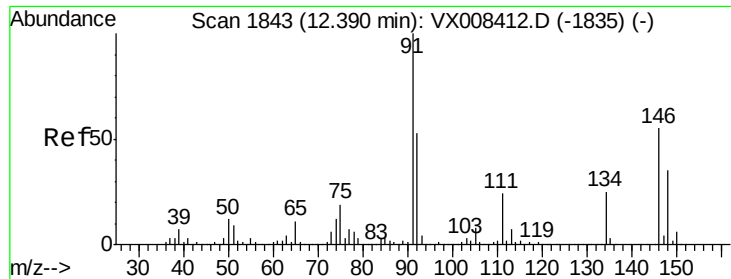
Tgt Ion: 117 Resp: 26395

Ion Ratio Lower Upper

117 100

201 79.1 39.4 118.1





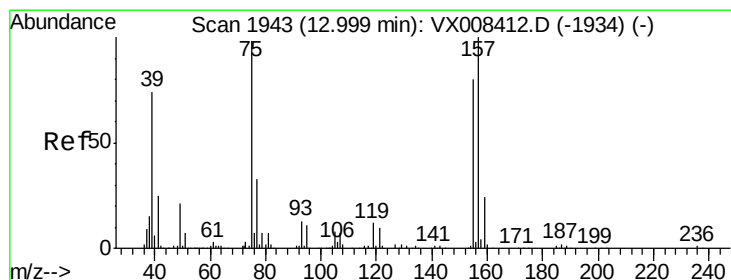
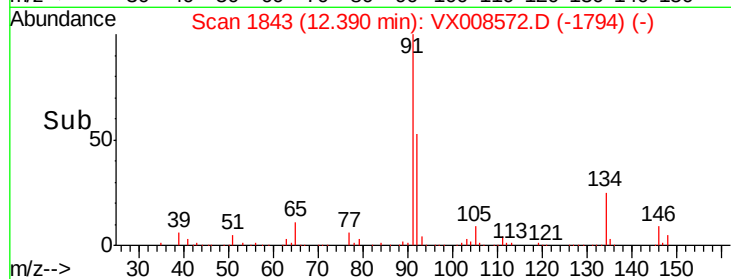
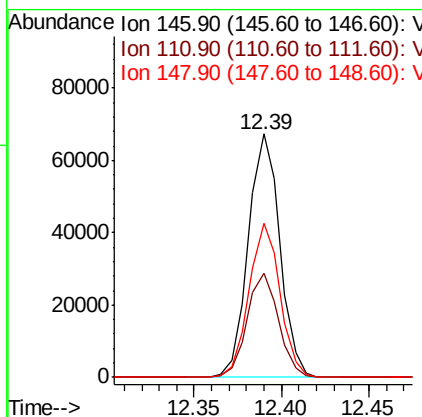
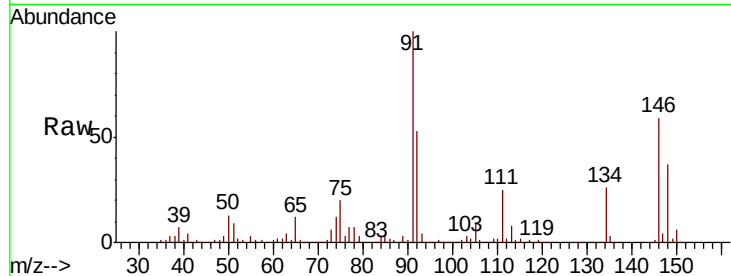
#91
 1,2-Dichlorobenzene
 Concen: 18.626 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.6	64.6
148	62.4	31.9	95.7

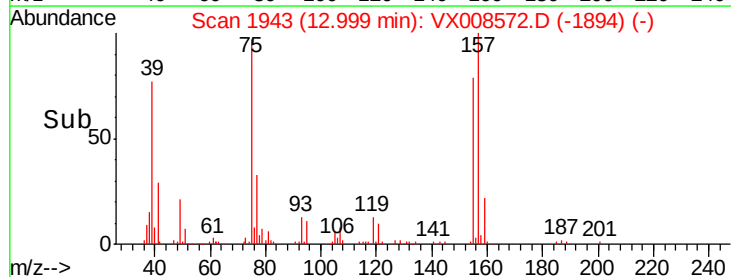
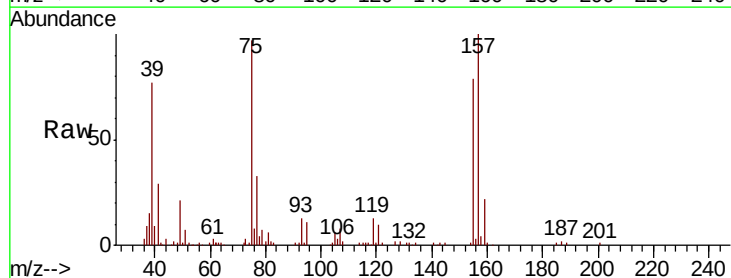
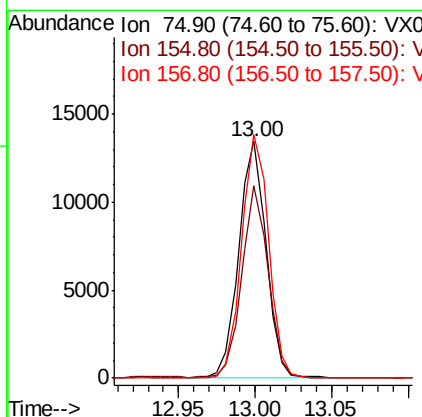
Manual Integrations
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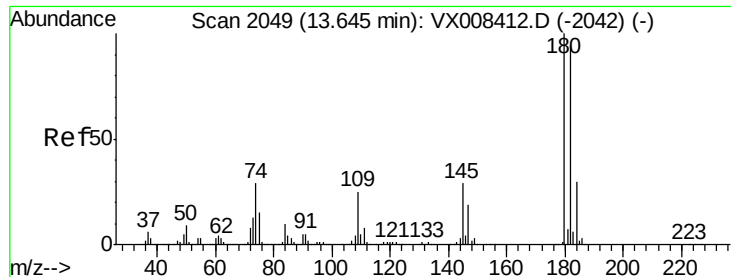
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.804 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	39.5	118.5
157	101.8	49.9	149.7





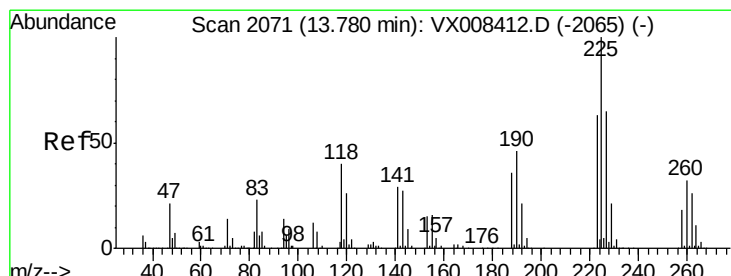
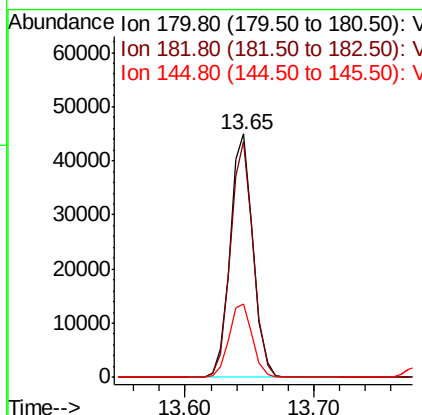
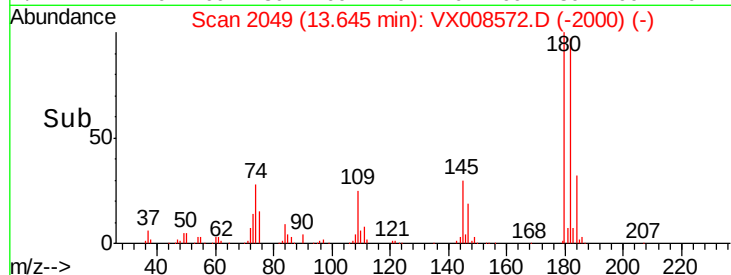
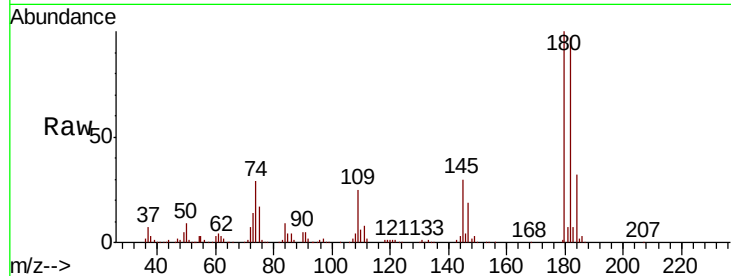
#93
 1,2,4-Trichlorobenzene
 Concen: 18.326 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Tot Ion:	180	Resp:	55847
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.3	142.0
145	31.0	15.3	45.8

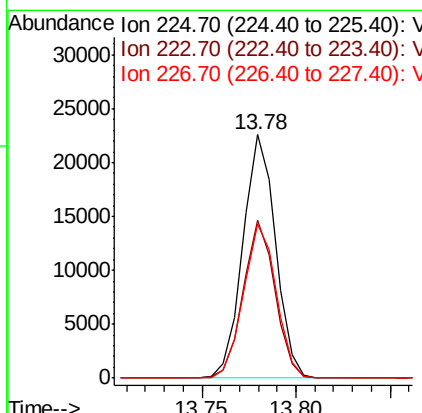
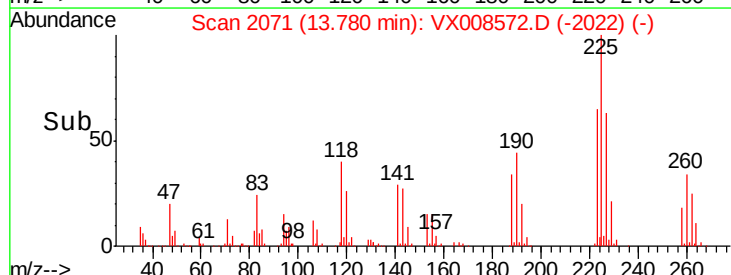
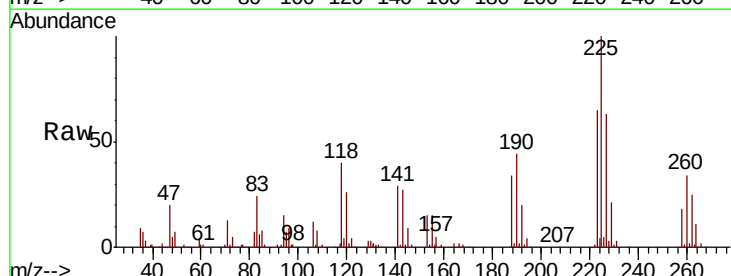
Manual Integrations
 APPROVED

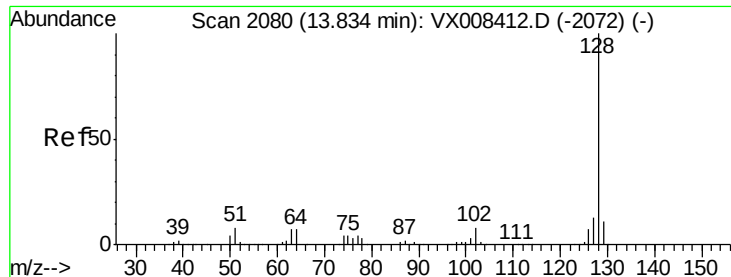
MMDadoda
 4/2/2019 10:06:08 AM



#94
 Hexachlorobutadiene
 Concen: 18.749 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008572.D
 Acq: 01 Apr 2019 16:33

Tgt Ion:	225	Resp:	27130
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.4	94.0
227	63.5	31.9	95.9





#95

Naphthalene

Concen: 19.750 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Instrument :

MSVOA_X

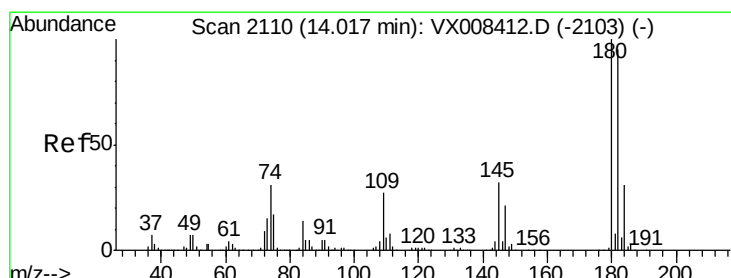
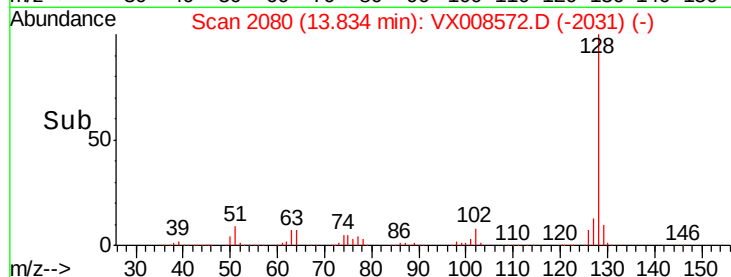
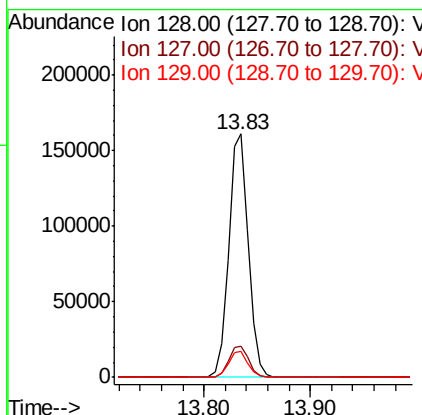
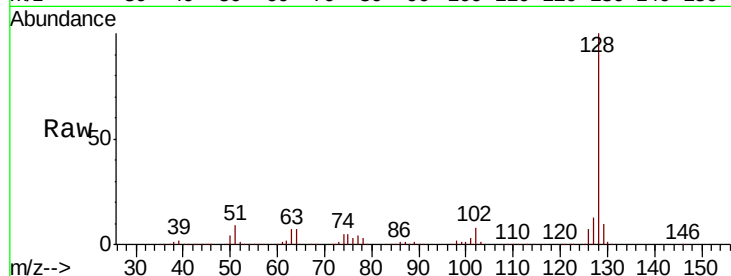
ClientSampleId :

VX0401WBSD01

Tot Ion:	128	Resp:	206342
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/2/2019 10:06:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.110 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008572.D

Acq: 01 Apr 2019 16:33

Tgt Ion:	180	Resp:	58518
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.3	142.0
145	32.0	16.2	48.5

