

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008812.D
 Acq On : 10 Apr 2019 17:52
 Operator : JC/SP
 Sample : VX0410WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:48:25 AM

Quant Time: Apr 11 07:56:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121669	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	5.50	113	89226	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	8.71	98	358197	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	125986	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	30269	15.212	ug/l 98
3) Chloromethane	1.32	50	43685	16.792	ug/l 98
4) Vinyl Chloride	1.40	62	42154	15.671	ug/l 99
5) Bromomethane	1.64	94	22375	18.134	ug/l 100
6) Chloroethane	1.72	64	26617	16.064	ug/l 100
7) Trichlorofluoromethane	1.93	101	49644	16.696	ug/l 99
8) Diethyl Ether	2.19	74	23742	16.837	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32518	16.986	ug/l 99
10) Methyl Iodide	2.51	142	27084	18.293	ug/l 98
11) Tert butyl alcohol	3.04	59	51291	86.893	ug/l 99
12) 1,1-Dichloroethene	2.37	96	33466	16.746	ug/l 98
13) Acrolein	2.29	56	34745	118.708	ug/l 99
14) Allyl chloride	2.73	41	78345	17.125	ug/l 99
15) Acrylonitrile	3.14	53	137426	87.882	ug/l 100
16) Acetone	2.44	43	119820	82.508	ug/l 99
17) Carbon Disulfide	2.57	76	92750	15.562	ug/l 99
18) Methyl Acetate	2.77	43	63296	17.971	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	128691	18.031	ug/l 99
20) Methylene Chloride	2.85	84	41785	17.189	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	35621	16.478	ug/l 96
22) Diisopropyl ether	3.85	45	160286	18.177	ug/l 91
23) Vinyl Acetate	3.81	43	692109	90.224	ug/l 99
24) 1,1-Dichloroethane	3.70	63	77211	17.685	ug/l 98
25) 2-Butanone	4.67	43	203123	88.496	ug/l 99
26) 2,2-Dichloropropane	4.59	77	49772	16.186	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	43553	17.524	ug/l 99
28) Bromochloromethane	5.01	49	37209	18.496	ug/l 99
29) Tetrahydrofuran	5.13	42	134273	88.139	ug/l 100
30) Chloroform	5.21	83	69996	17.950	ug/l 100
31) Cyclohexane	5.58	56	72080	16.546	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	55333	17.560	ug/l 98
36) 1,1-Dichloropropene	5.80	75	53926	17.208	ug/l 99
37) Ethyl Acetate	4.84	43	76767	18.352	ug/l 99
38) Carbon Tetrachloride	5.79	117	45584	17.574	ug/l 98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63288	16.348	ug/l	98
40) Benzene	6.14	78	165859	17.765	ug/l	99
41) Methacrylonitrile	5.04	41	43404	18.052	ug/l	99
42) 1,2-Dichloroethane	6.20	62	60058	17.944	ug/l	99
43) Isopropyl Acetate	6.45	43	119263	18.200	ug/l	99
44) Trichloroethene	7.21	130	38381	17.651	ug/l	97
45) 1,2-Dichloropropane	7.51	63	47421	17.796	ug/l	97
46) Dibromomethane	7.66	93	26193	16.948	ug/l	97
47) Bromodichloromethane	7.90	83	52206	17.915	ug/l	100
48) Methyl methacrylate	7.77	41	60019	18.107	ug/l	99
49) 1,4-Dioxane	7.74	88	20885	336.346	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	398052	94.364	ug/l	100
52) Toluene	8.79	92	98468	17.890	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57847	17.721	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	64364	17.256	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	40726	18.433	ug/l	97
56) Ethyl methacrylate	9.18	69	73791	18.459	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71808	18.100	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	205361	100.608	ug/l	100
59) 2-Hexanone	9.49	43	300147	91.559	ug/l	100
60) Dibromochloromethane	9.58	129	37866	18.188	ug/l	100
61) 1,2-Dibromoethane	9.67	107	40122	17.444	ug/l	96
64) Tetrachloroethene	9.34	164	34221	18.286	ug/l	99
65) Chlorobenzene	10.13	112	101122	18.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	35786	18.218	ug/l	99
67) Ethyl Benzene	10.25	91	183866	17.610	ug/l	99
68) m/p-Xylenes	10.36	106	132550	35.309	ug/l	99
69) o-Xylene	10.70	106	65210	17.924	ug/l	98
70) Styrene	10.71	104	112793	17.986	ug/l	99
71) Bromoform	10.85	173	27619	18.410	ug/l #	97
73) Isopropylbenzene	11.02	105	173733	18.540	ug/l	100
74) N-amyl acetate	10.90	43	101526	18.415	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65923	18.498	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57235m	18.426	ug/l	
77) Bromobenzene	11.26	156	41714	18.517	ug/l	99
78) n-propylbenzene	11.36	91	196598	18.019	ug/l	100
79) 2-Chlorotoluene	11.42	91	119616	18.116	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	147200	18.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19992	17.742	ug/l	93
82) 4-Chlorotoluene	11.51	91	134090	17.544	ug/l	98
83) tert-Butylbenzene	11.77	119	138670	18.324	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	146707	18.420	ug/l	100
85) sec-Butylbenzene	11.94	105	165218	18.380	ug/l	99
86) p-Isopropyltoluene	12.06	119	149150	18.487	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	71745	17.790	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72104	17.656	ug/l	99
89) n-Butylbenzene	12.38	91	134905	17.830	ug/l	99
90) Hexachloroethane	12.60	117	24252	18.124	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	72199	18.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13825	17.635	ug/l	96

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ClientSampleId :
VX0410WBSD01

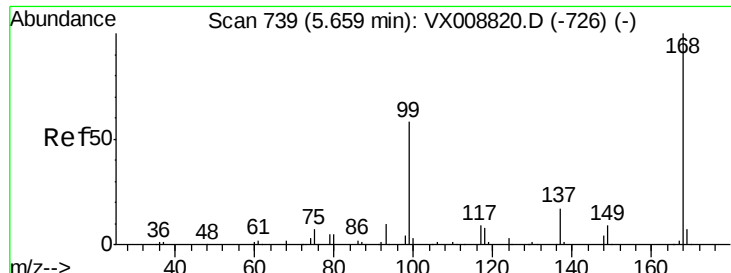
Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48445	17.401	ug/l	98
94) Hexachlorobutadiene	13.78	225	24677	18.482	ug/l	98
95) Naphthalene	13.83	128	167319	17.982	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	49909	17.942	ug/l	99

(#) = 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: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion:168 Resp: 172866

Ion Ratio Lower Upper

168 100

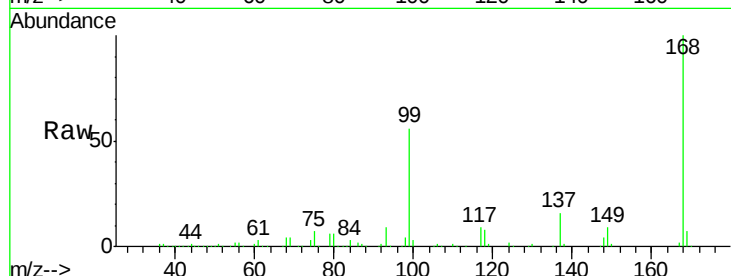
99 56.2 46.7 70.1

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

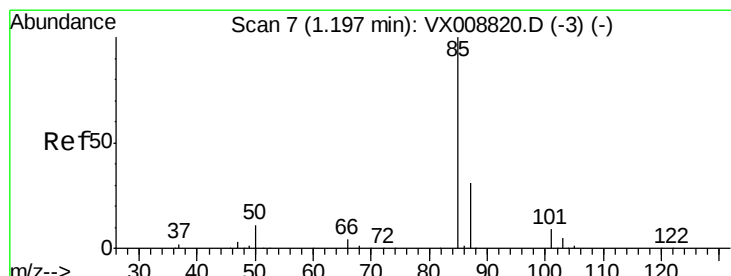
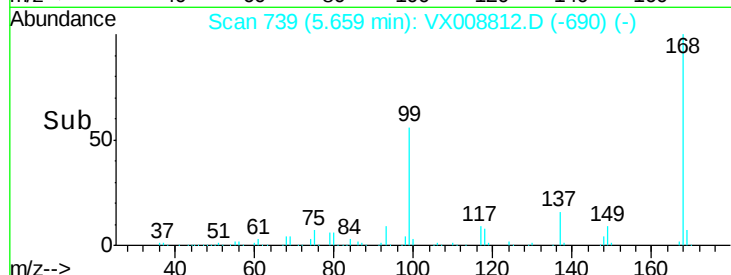
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.212 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008812.D

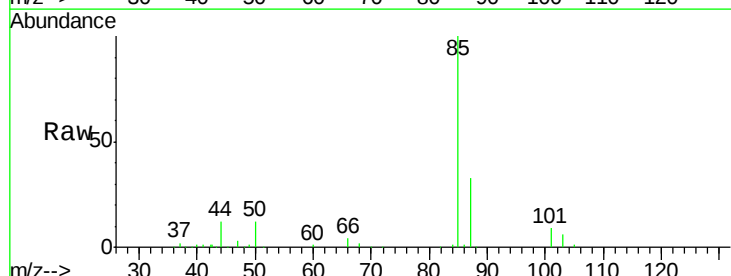
Acq: 10 Apr 2019 17:52

Tgt Ion: 85 Resp: 30269

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

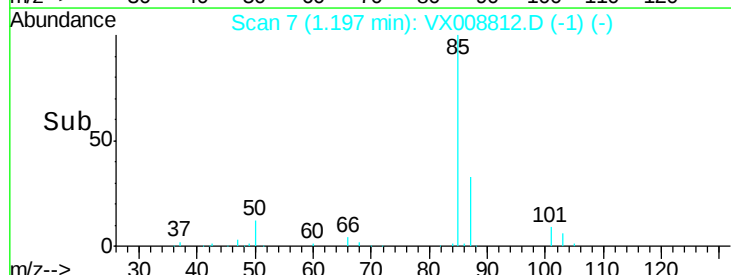
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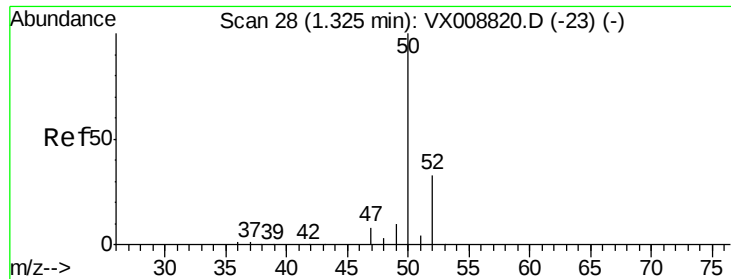
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.792 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 50 Resp: 43685

Ion Ratio Lower Upper

50 100

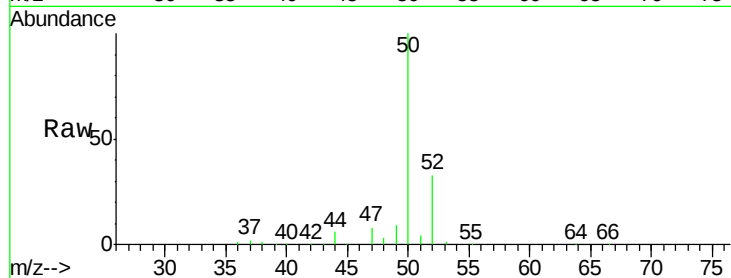
52 33.1 25.8 38.8

Manual Integrations

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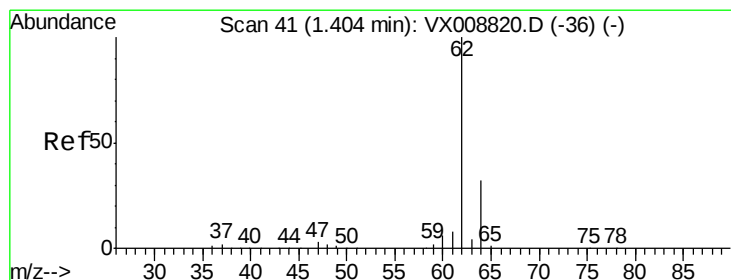
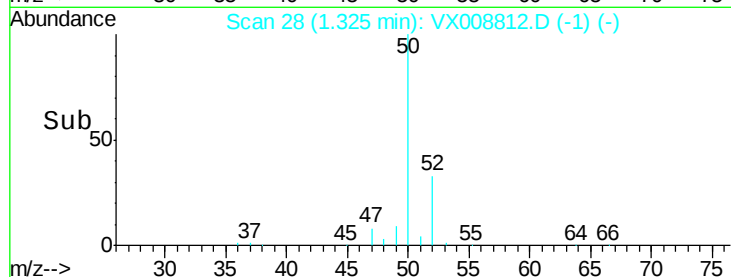
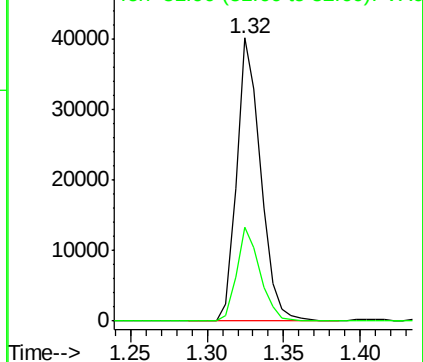
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.671 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008812.D

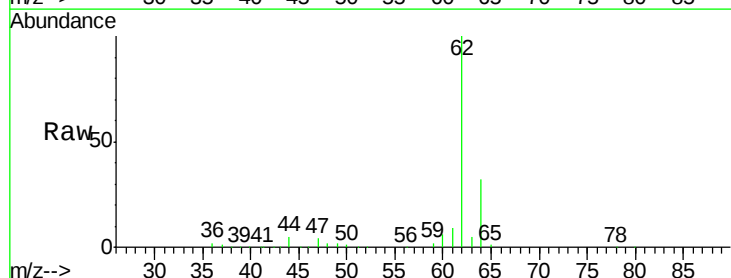
Acq: 10 Apr 2019 17:52

Tgt Ion: 62 Resp: 42154

Ion Ratio Lower Upper

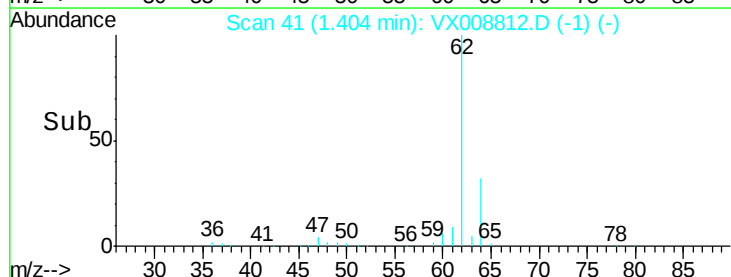
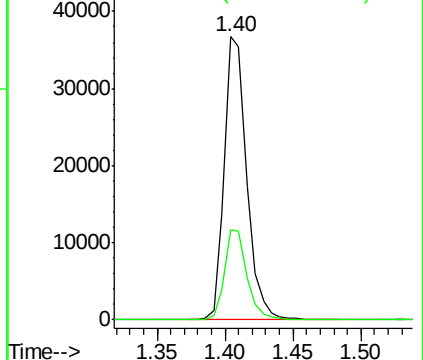
62 100

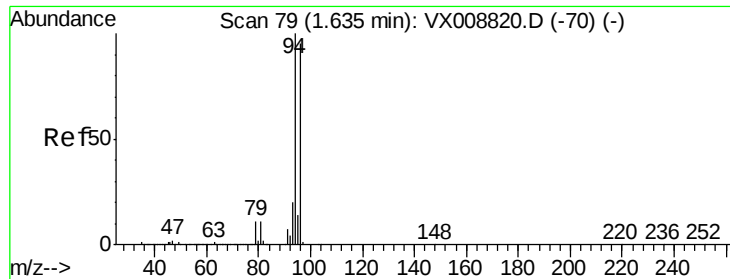
64 31.5 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.134 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tot Ion: 94 Resp: 22375

Ion Ratio Lower Upper

94 100

96 93.9 75.2 112.8

Instrument :

MSVOA_X

ClientSampleId :

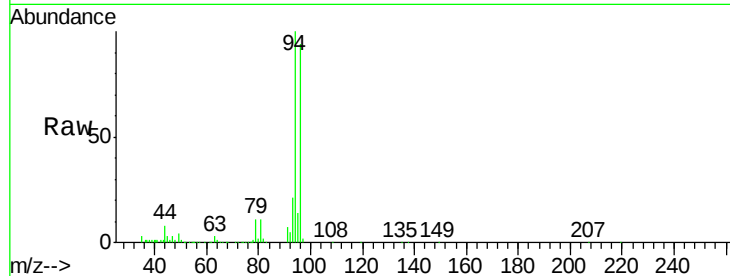
VX0410WBSD01

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4/11/2019 11:48:25 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

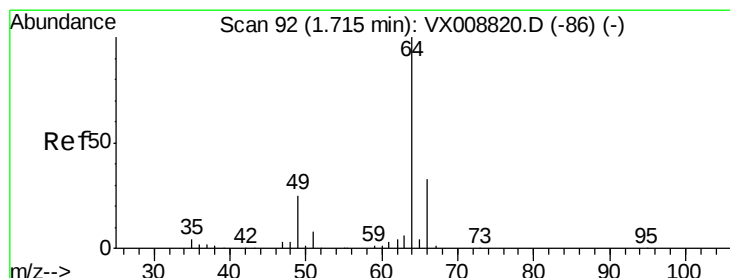
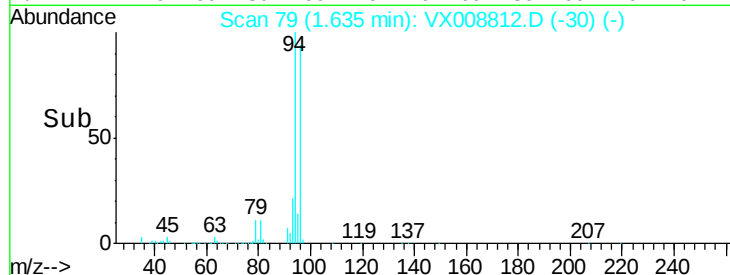
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0

Time-->

1.55 1.60 1.65 1.70

1.64



#6

Chloroethane

Concen: 16.064 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008812.D

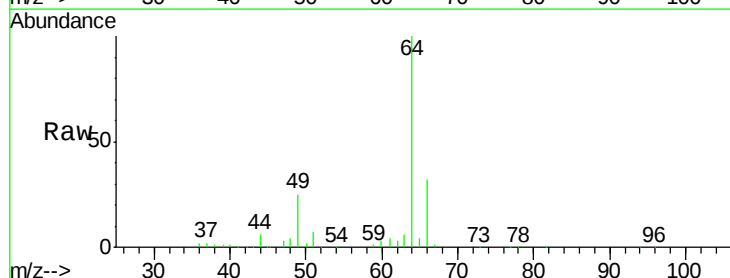
Acq: 10 Apr 2019 17:52

Tgt Ion: 64 Resp: 26617

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

10000

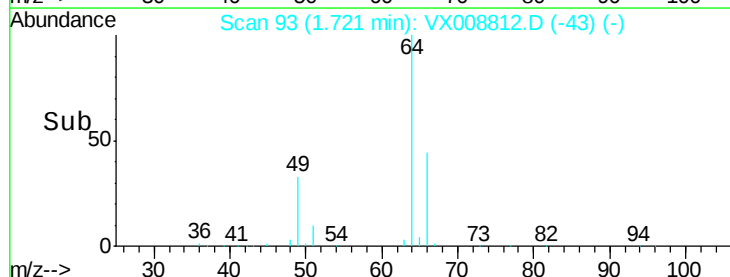
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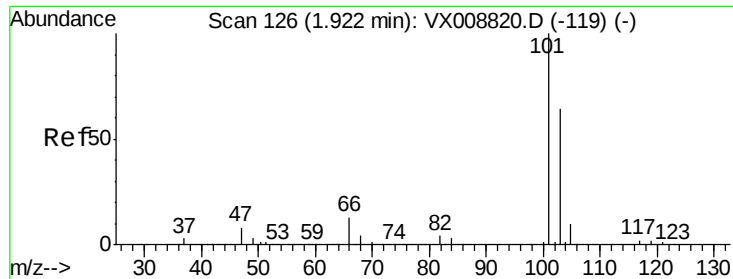
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Time-->

1.65 1.70 1.75 1.80

1.72





#7

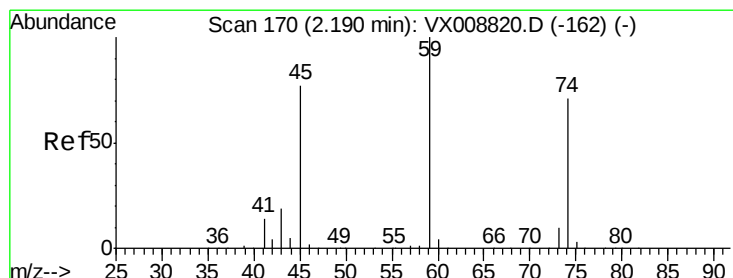
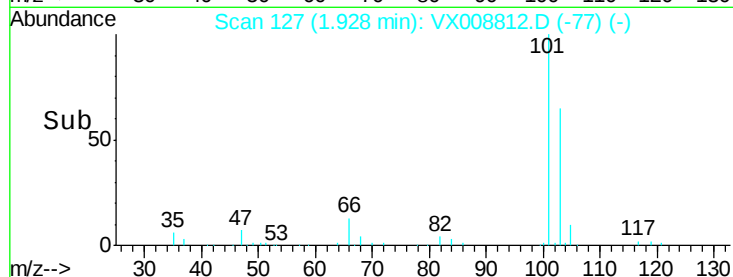
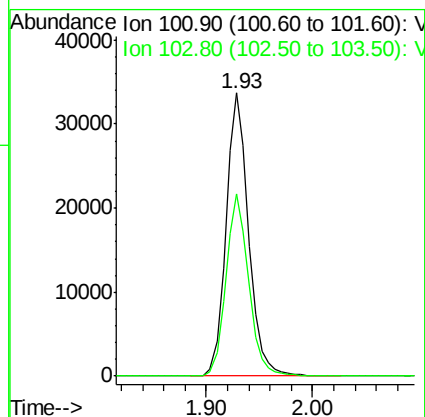
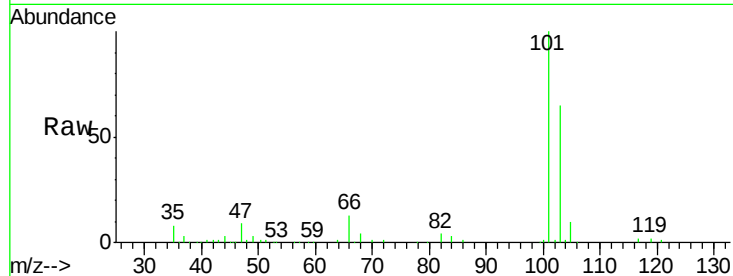
Trichlorofluoromethane
 Concen: 16.696 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion:101 Resp: 49644
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5

Manual Integrations
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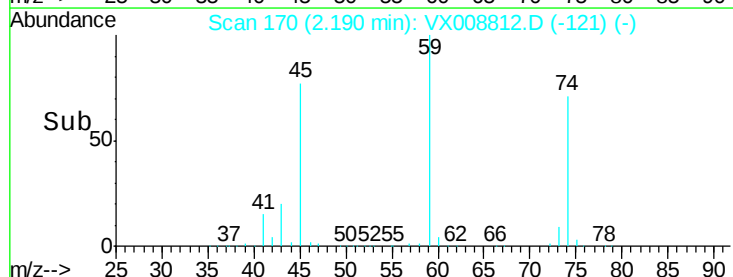
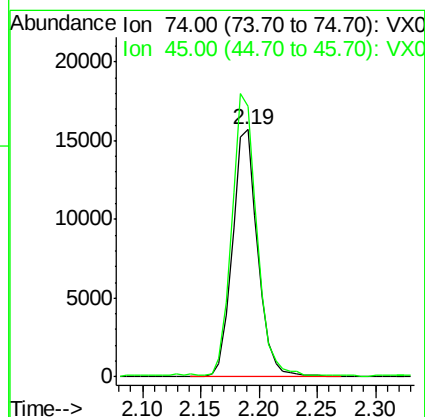
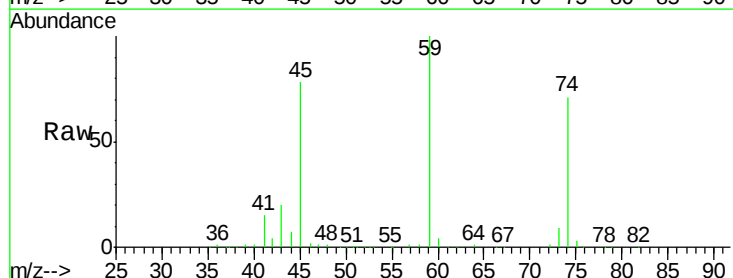
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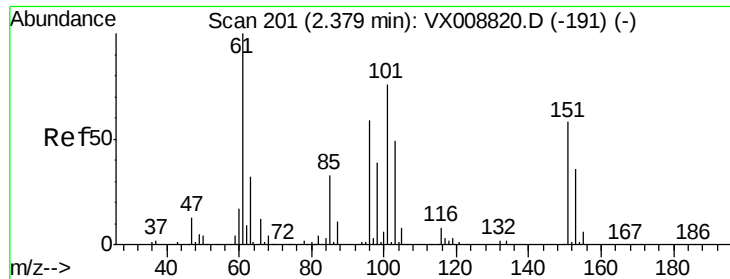


#8

Diethyl Ether
 Concen: 16.837 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion: 74 Resp: 23742
 Ion Ratio Lower Upper
 74 100
 45 111.9 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.986 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

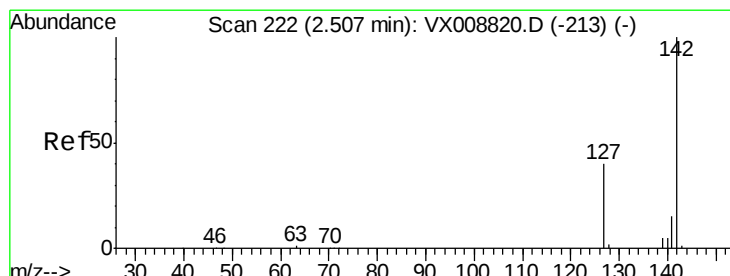
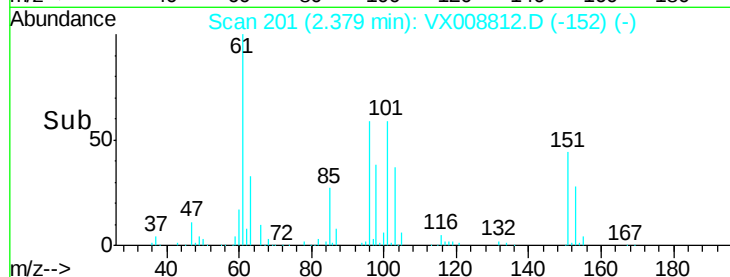
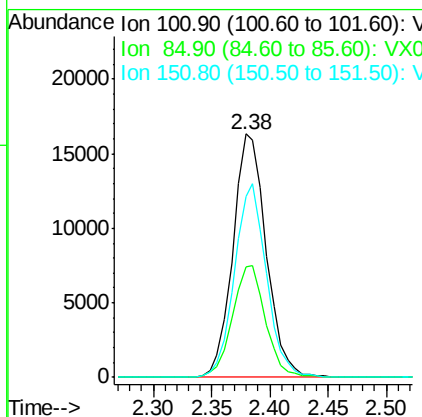
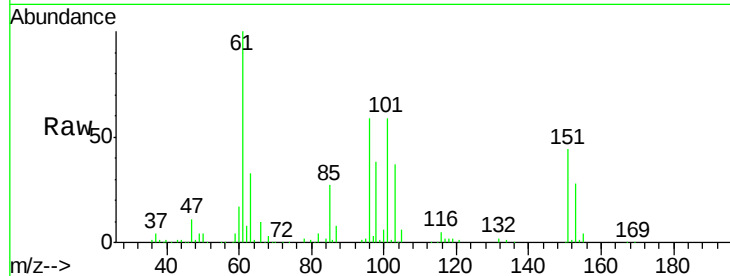
ClientSampleId :

VX0410WBSD01

Tot Ion:	101	Resp:	32518
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	76.6	59.9	89.9

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#10

Methyl Iodide

Concen: 18.293 ug/l

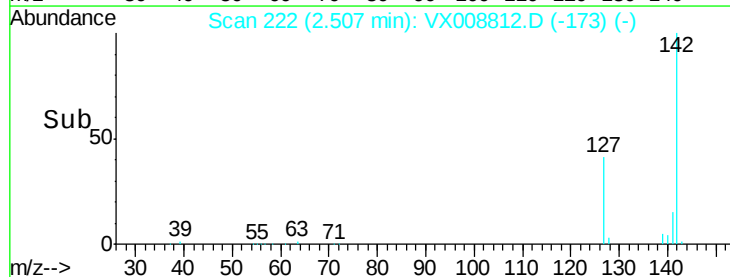
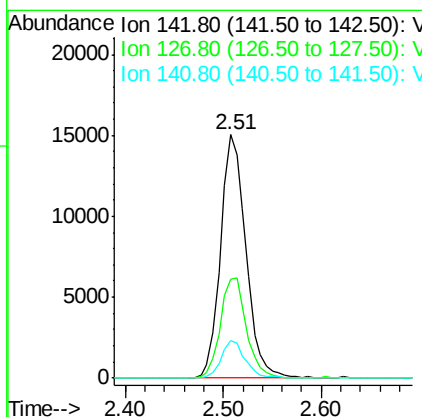
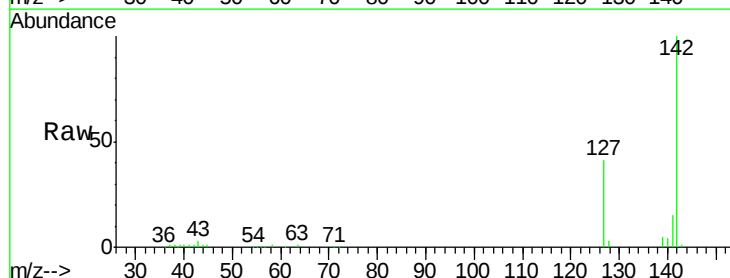
RT: 2.51 min Scan# 222

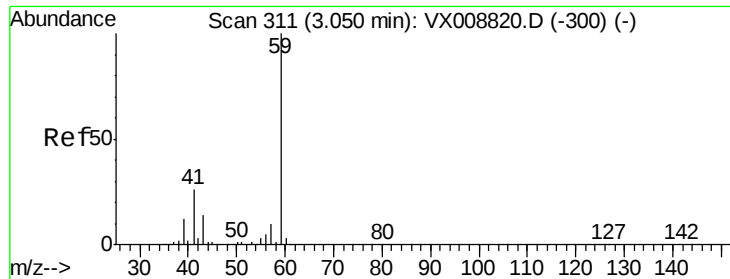
Delta R.T. 0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion:	142	Resp:	27084
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.0	49.6
141	14.6	11.4	17.2





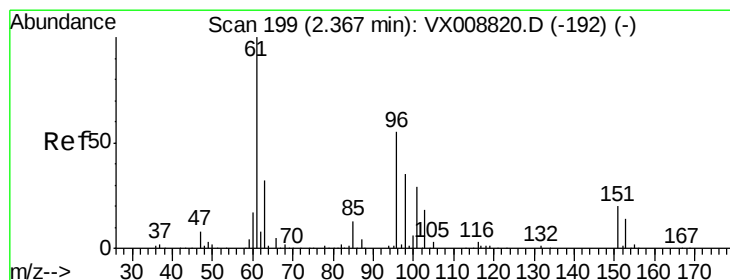
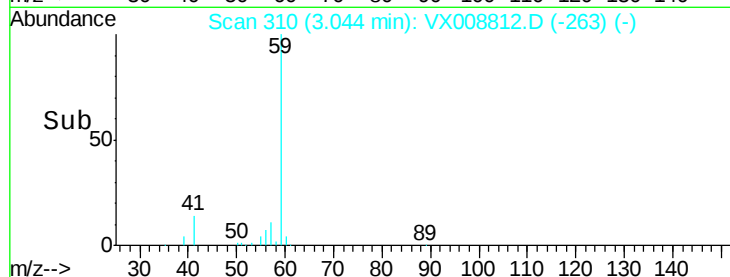
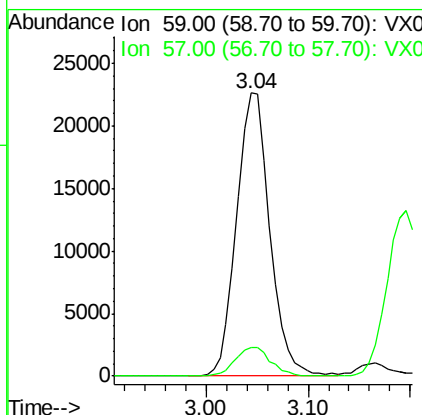
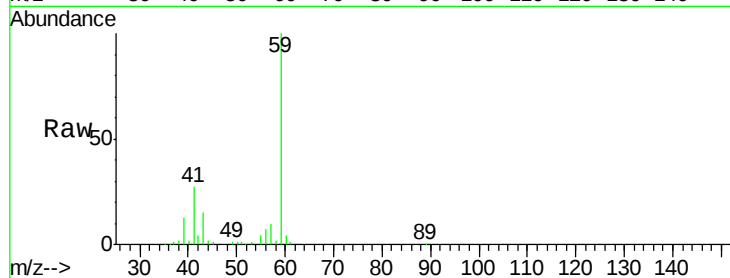
#11
Tert butyl alcohol
Concen: 86.893 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleID :
VX0410WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.7	8.3	12.5

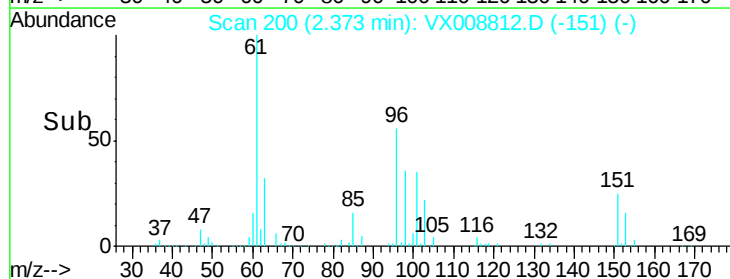
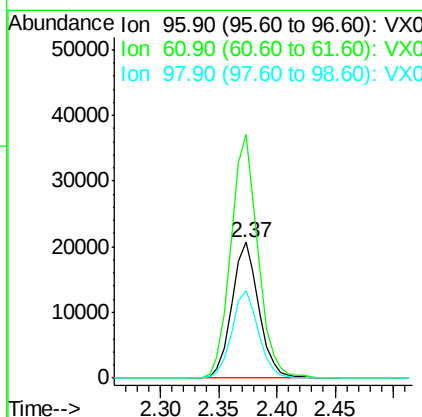
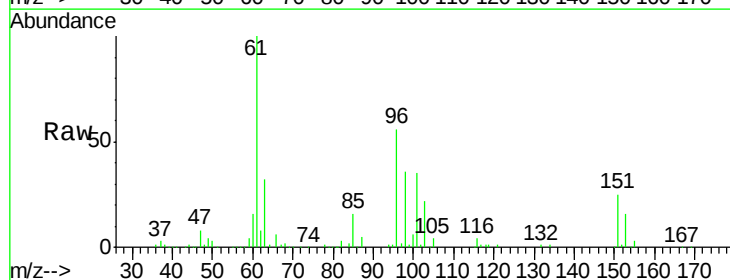
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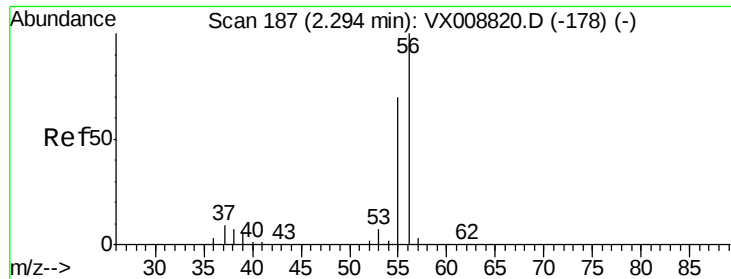
MMDadoda
4/11/2019 11:48:25 AM



#12
1,1-Dichloroethene
Concen: 16.746 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	179.1	140.9	211.3
98	98	64.7	52.1	78.1





#13

Acrolein

Concen: 118.708 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 56 Resp: 34745

Ion Ratio Lower Upper

56 100

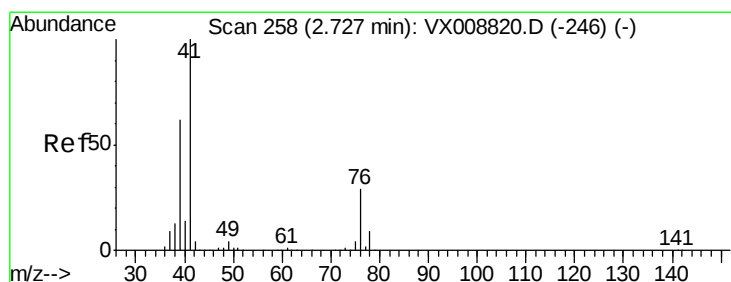
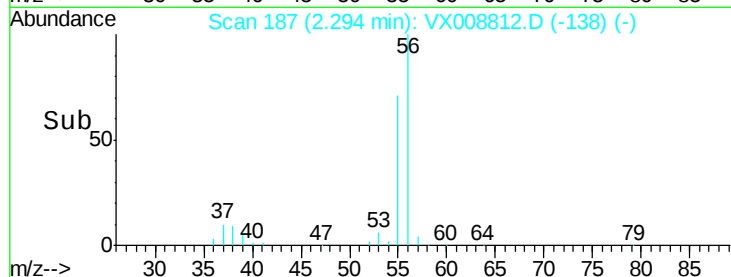
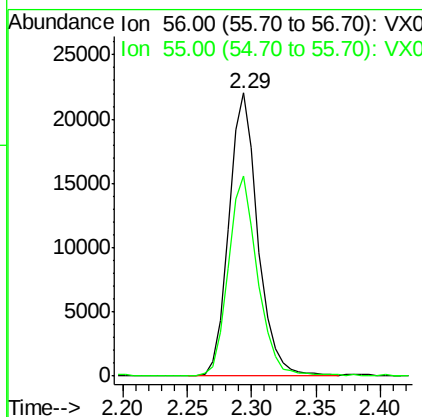
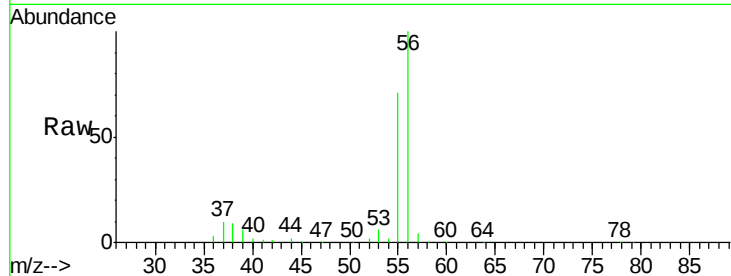
55 71.9 58.0 87.0

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#14

Allyl chloride

Concen: 17.125 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

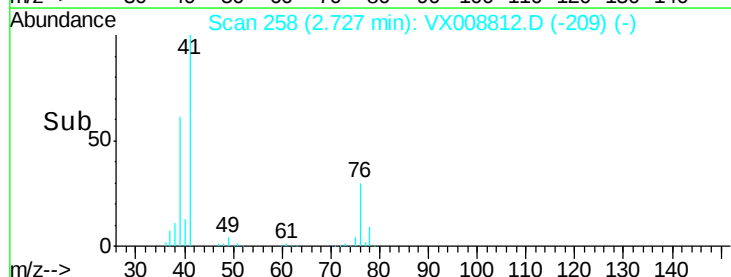
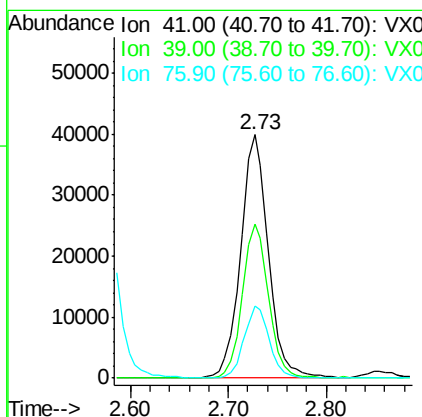
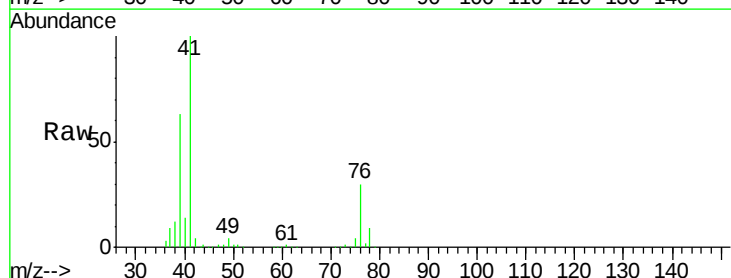
Tgt Ion: 41 Resp: 78345

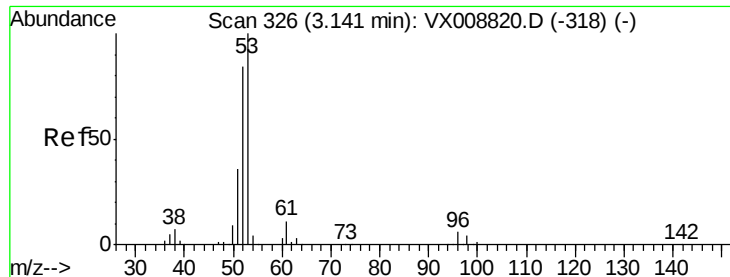
Ion Ratio Lower Upper

41 100

39 60.0 48.0 72.0

76 26.5 22.0 33.0





#15

Acrylonitrile

Concen: 87.882 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

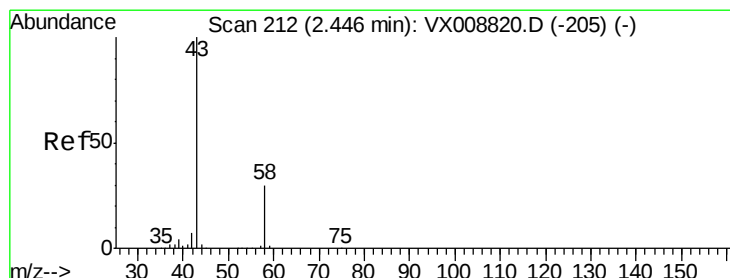
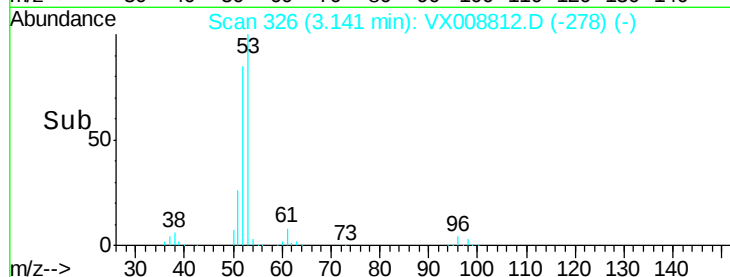
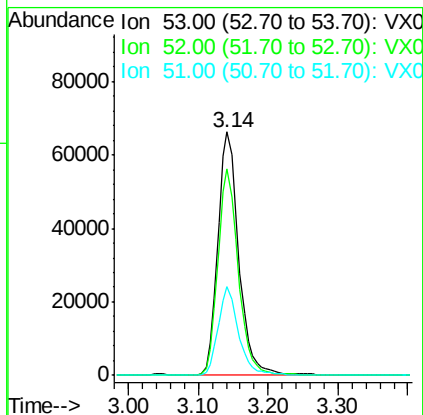
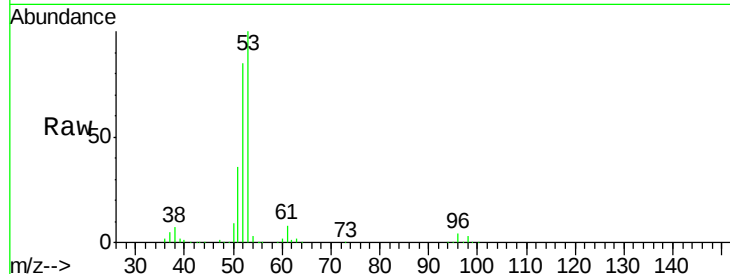
ClientSampleId :

VX0410WBSD01

Tot Ion:	53	Resp:	137426
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.5	99.7
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 82.508 ug/l

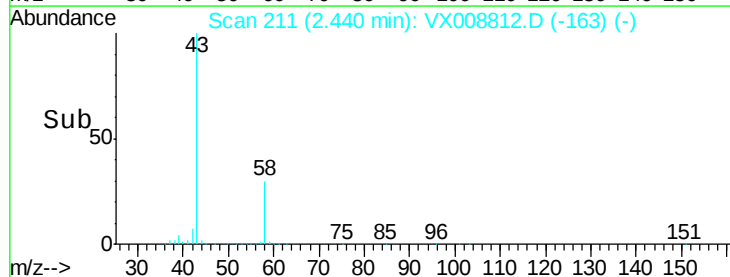
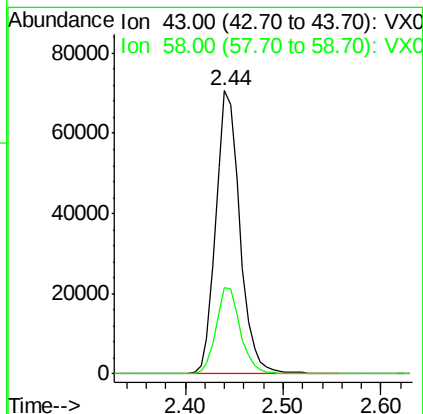
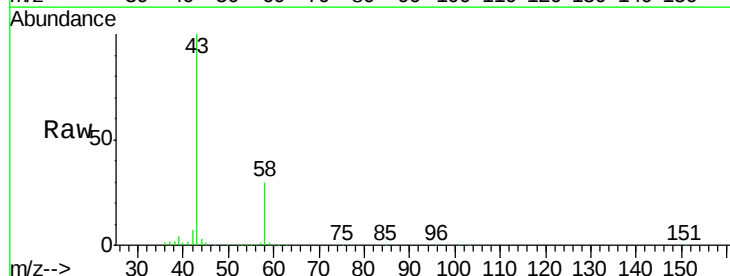
RT: 2.44 min Scan# 211

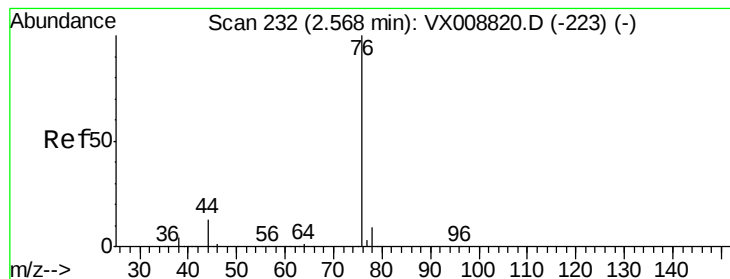
Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion:	43	Resp:	119820
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.8	37.2





#17

Carbon Disulfide

Concen: 15.562 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 76 Resp: 92750

Ion Ratio Lower Upper

76 100

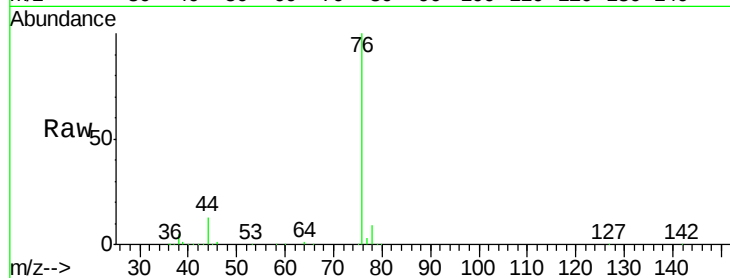
78 8.7 7.1 10.7

Manual Integrations

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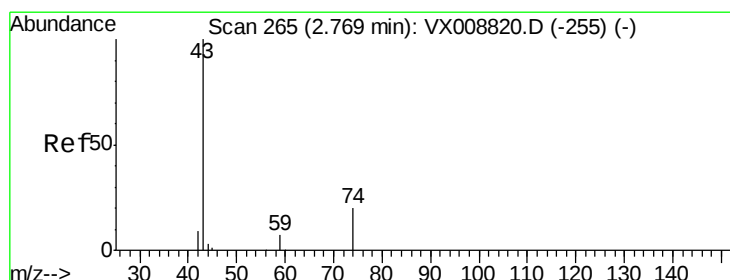
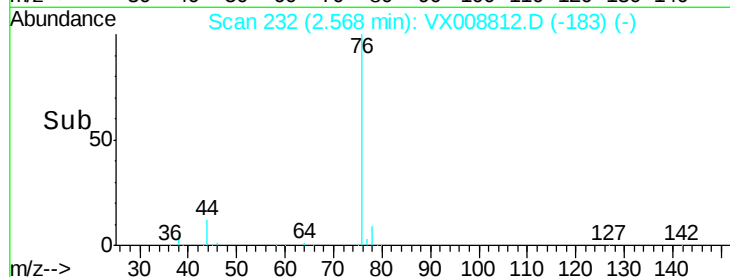
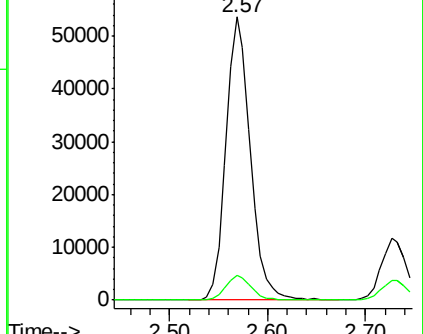
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4/11/2019 11:48:25 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.971 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008812.D

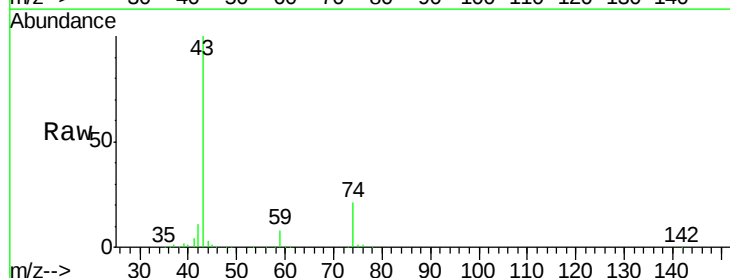
Acq: 10 Apr 2019 17:52

Tgt Ion: 43 Resp: 63296

Ion Ratio Lower Upper

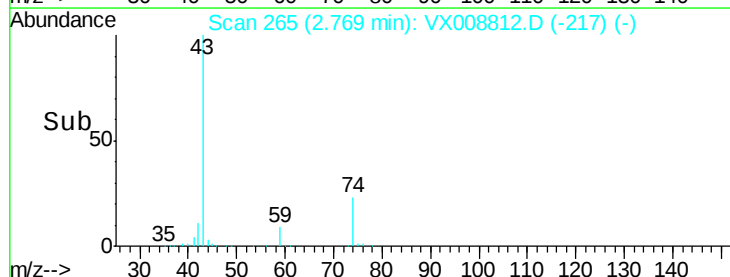
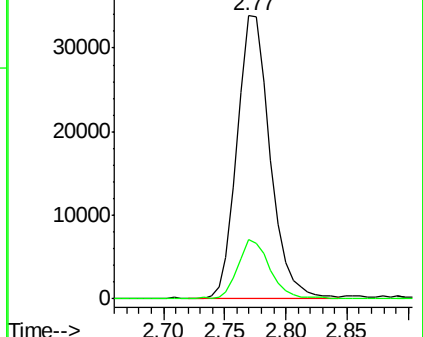
43 100

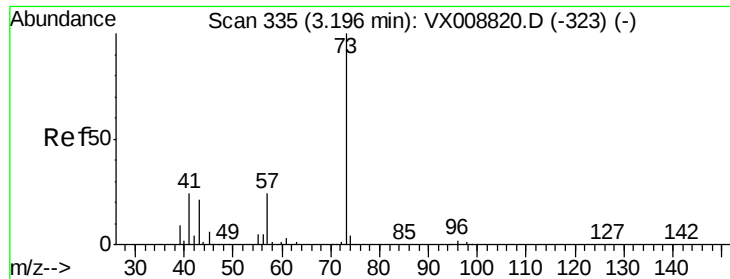
74 21.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





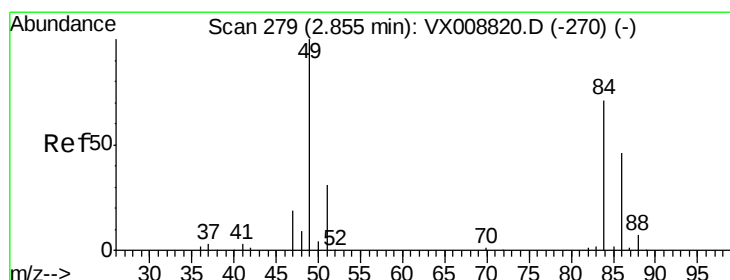
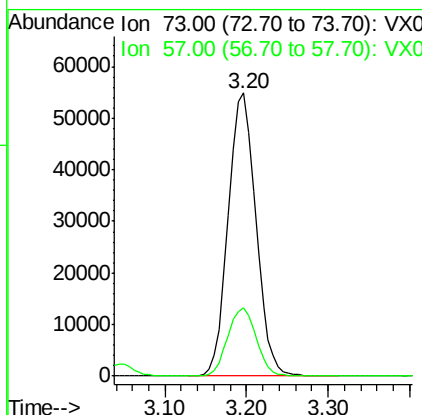
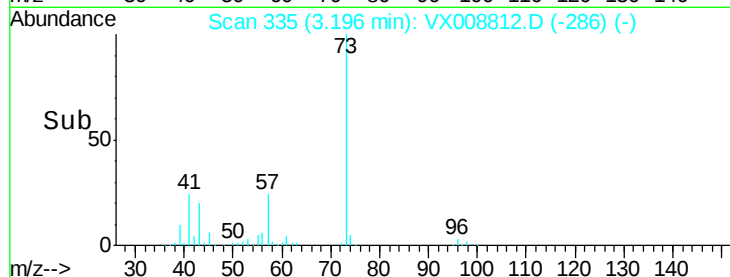
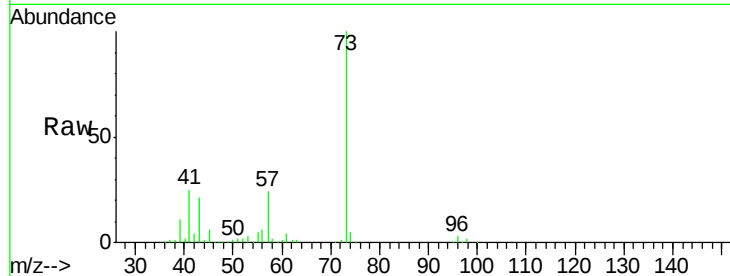
#19
Methyl tert-butyl Ether
Concen: 18.031 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.0	19.5	29.3

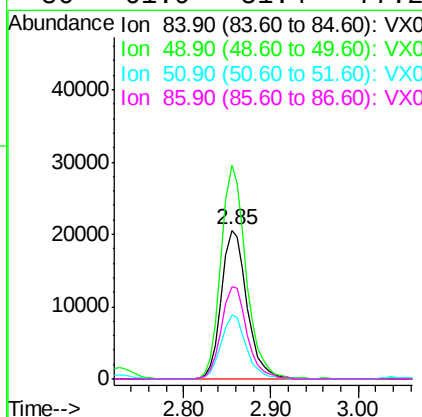
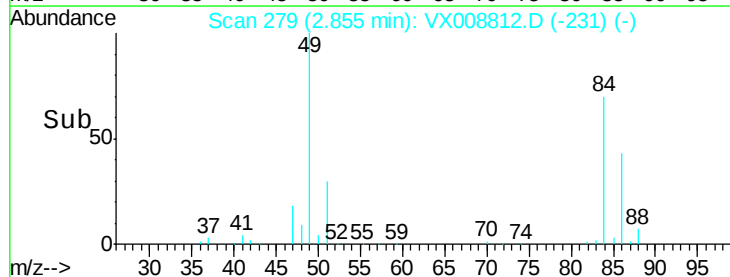
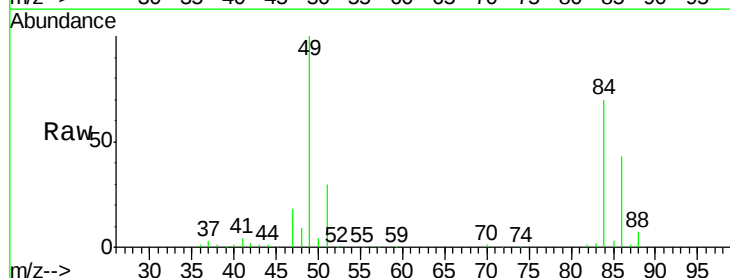
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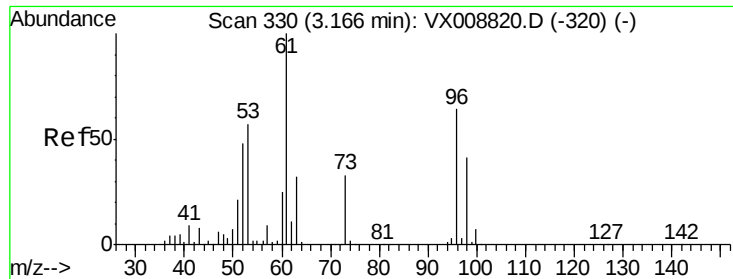
MMDadoda
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#20
Methylene Chloride
Concen: 17.189 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.0	109.7	164.5
51	42.6	33.6	50.4
86	61.9	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 16.478 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

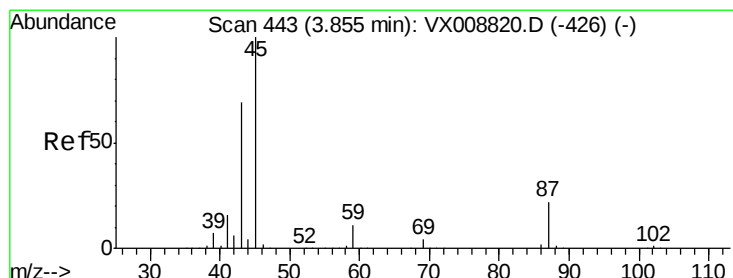
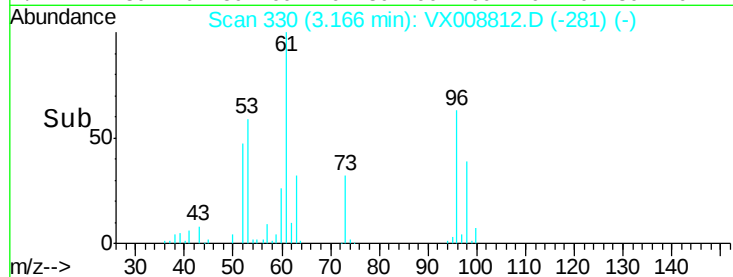
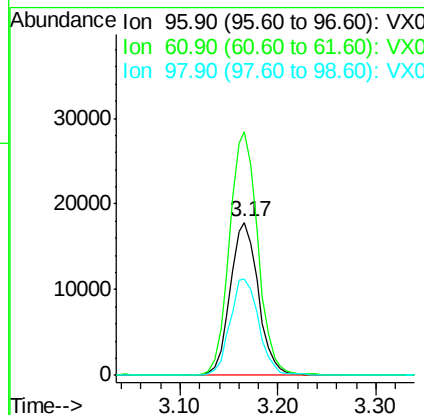
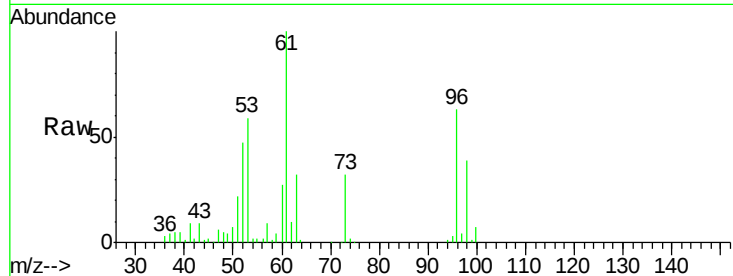
ClientSampleId :

VX0410WBSD01

Tot Ion:	96	Resp:	35621
Ion	Ratio	Lower	Upper
96	100		
61	159.0	132.1	198.1
98	62.7	52.2	78.2

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#22

Diisopropyl ether

Concen: 18.177 ug/l

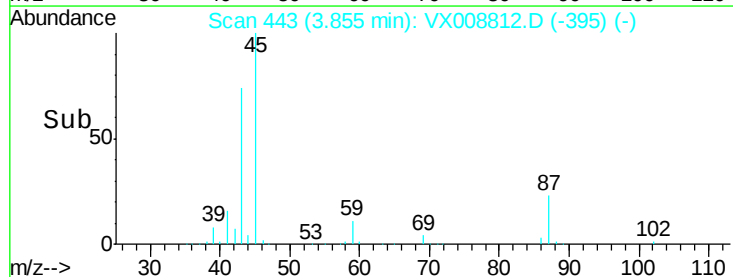
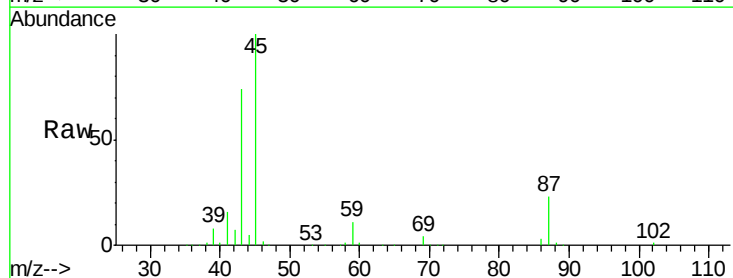
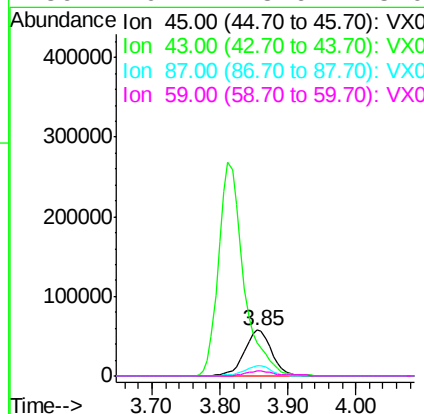
RT: 3.85 min Scan# 443

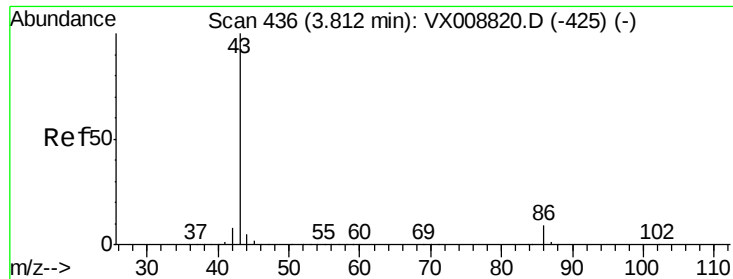
Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion:	45	Resp:	160286
Ion	Ratio	Lower	Upper
45	100		
43	74.2	51.3	76.9
87	23.0	18.1	27.1
59	10.7	8.6	13.0





#23

Vinyl Acetate

Concen: 90.224 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 43 Resp: 692109

Ion Ratio Lower Upper

43 100

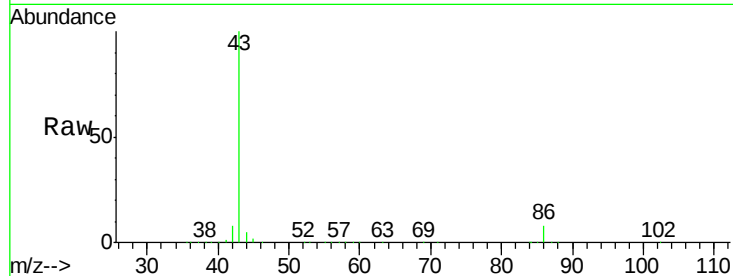
86 8.4 7.0 10.6

Manual Integrations

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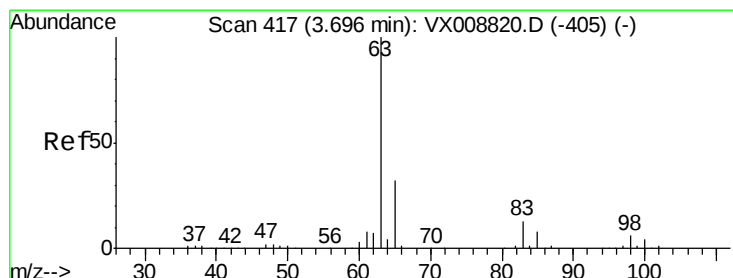
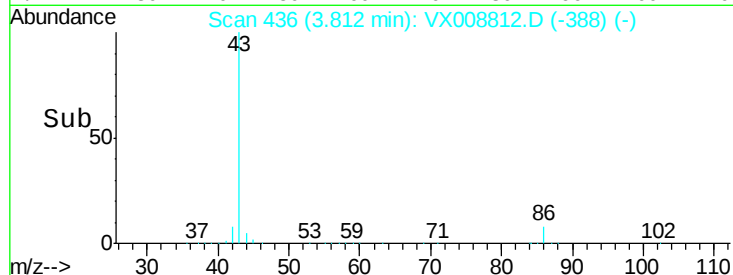
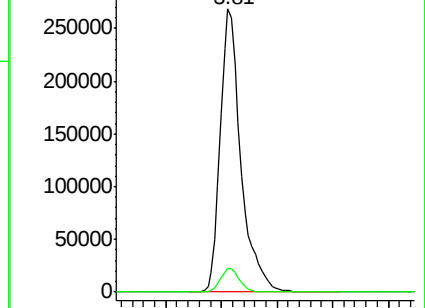
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.685 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

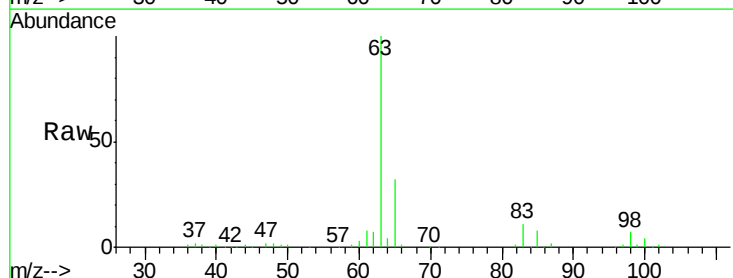
Tgt Ion: 63 Resp: 77211

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.4

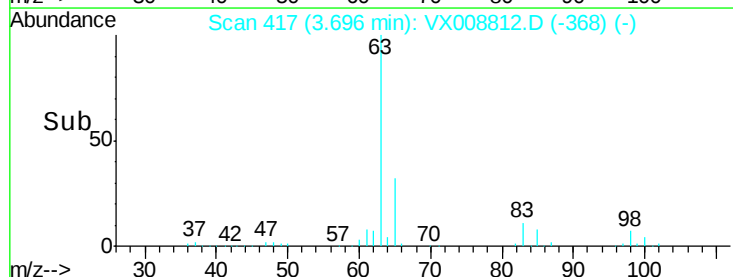
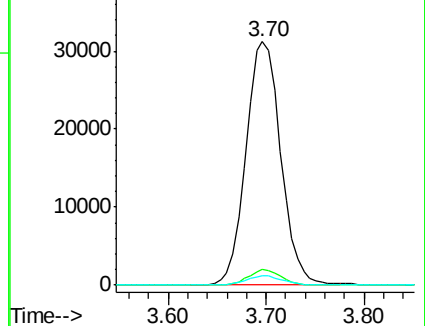
100 3.6 1.8 5.5

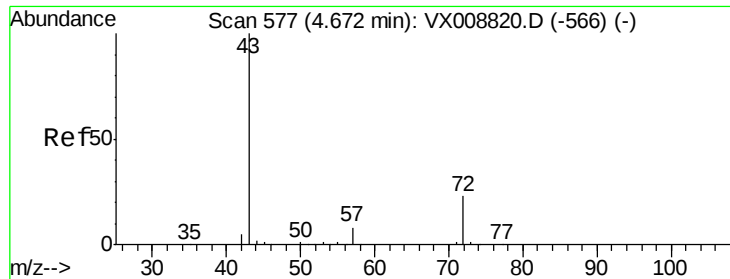


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.496 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 43 Resp: 203123

Ion Ratio Lower Upper

43 100

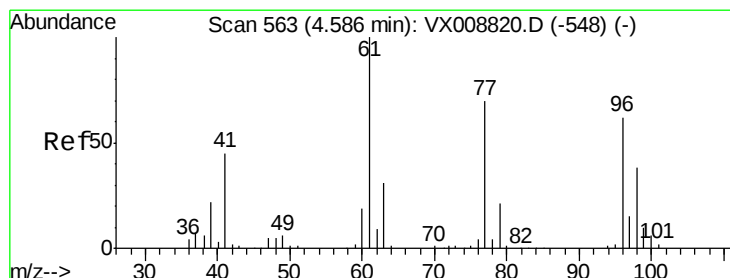
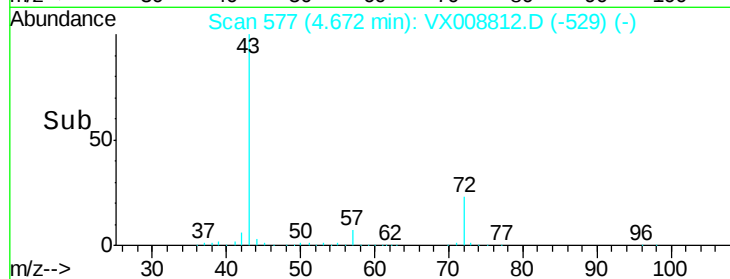
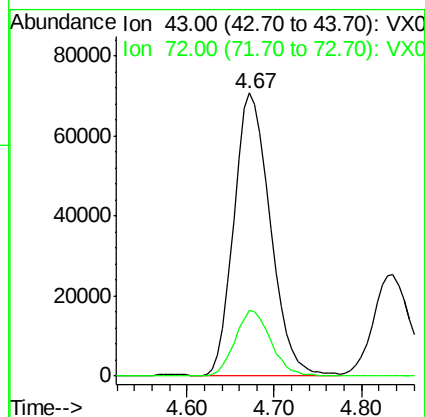
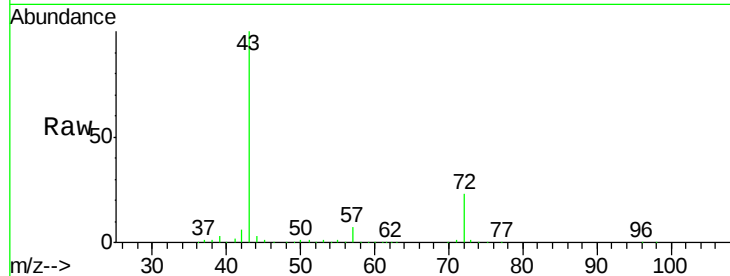
72 23.3 18.2 27.4

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#26

2,2-Dichloropropane

Concen: 16.186 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008812.D

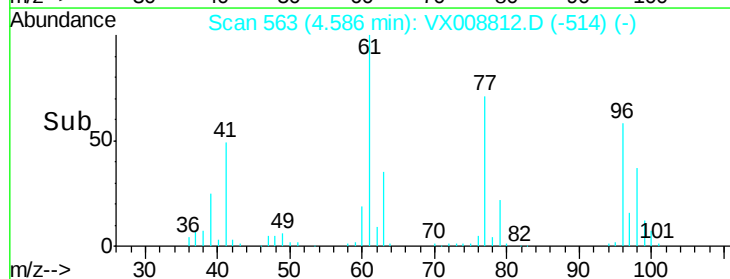
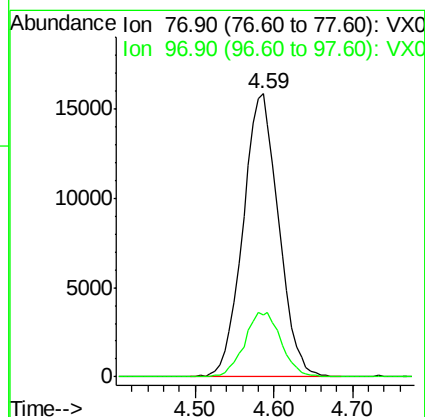
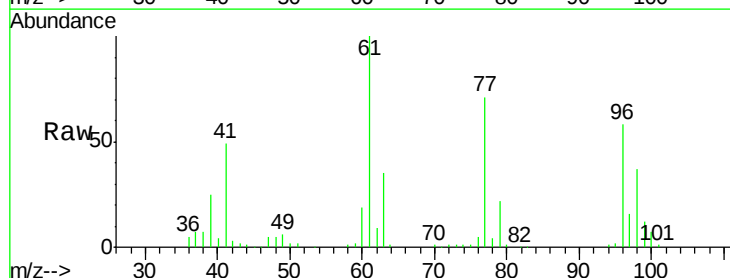
Acq: 10 Apr 2019 17:52

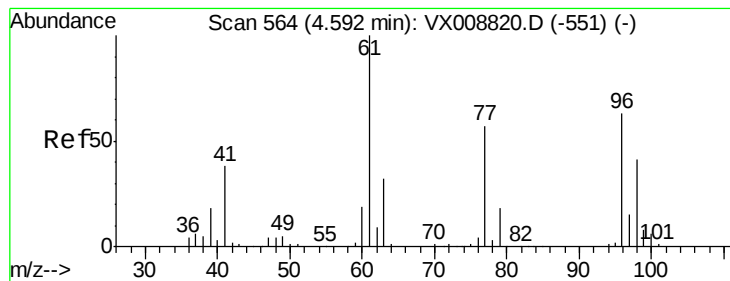
Tgt Ion: 77 Resp: 49772

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5





#27

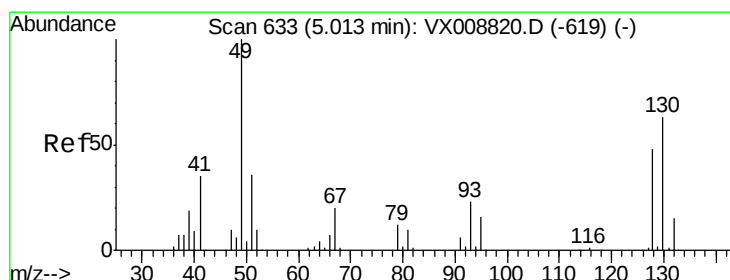
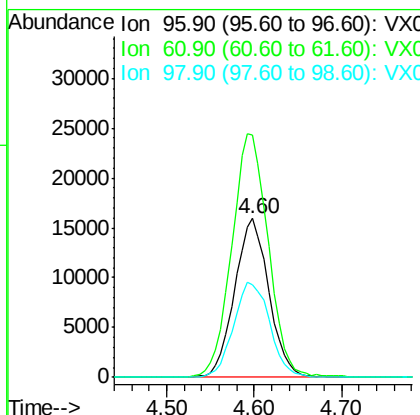
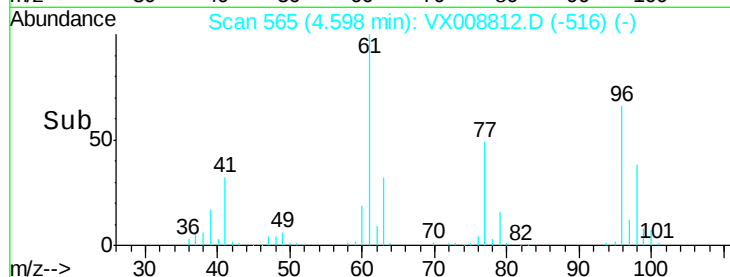
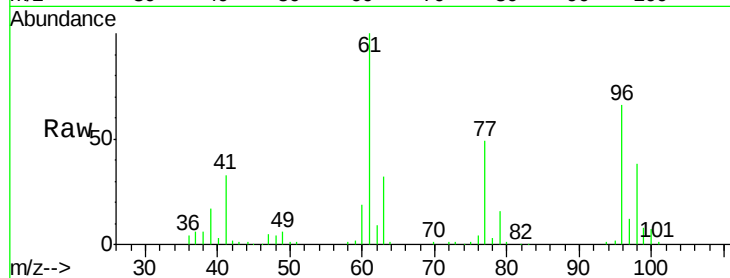
cis-1,2-Dichloroethene
Concen: 17.524 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.7	0.0	327.6
98	63.1	0.0	128.6

Manual Integrations
APPROVED

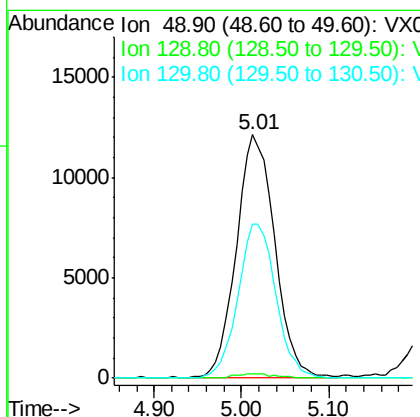
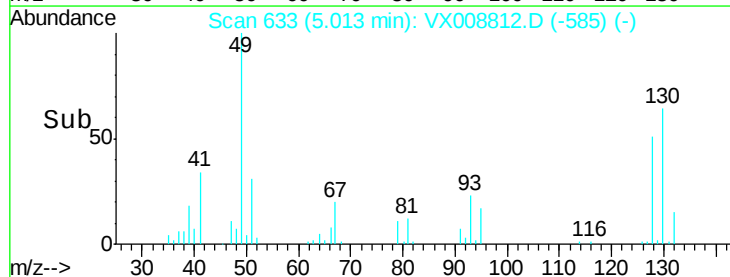
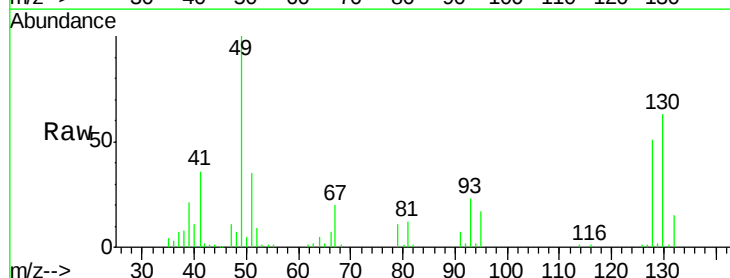
MMDadoda
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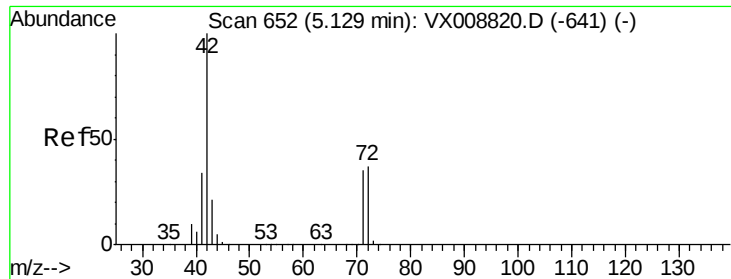


#28

Bromochloromethane
Concen: 18.496 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	62.1	49.3	73.9





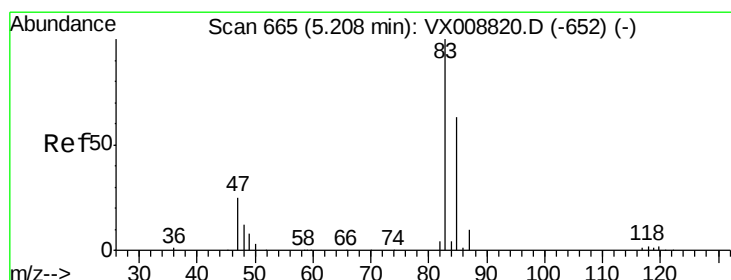
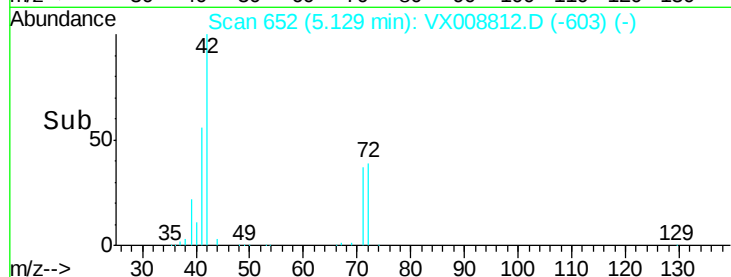
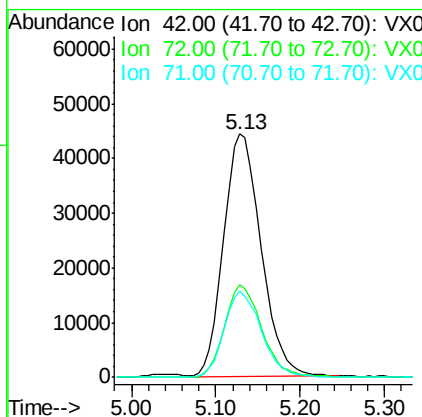
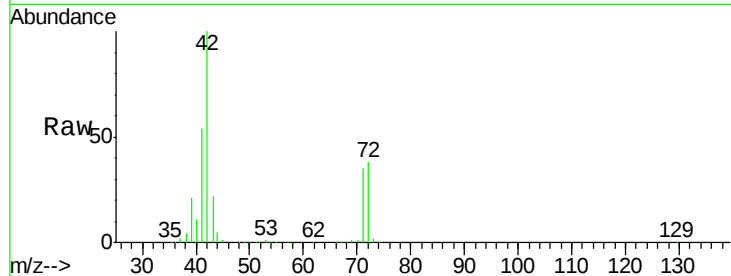
#29
Tetrahydrofuran
Concen: 88.139 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.5	45.7
71	35.6	28.6	43.0

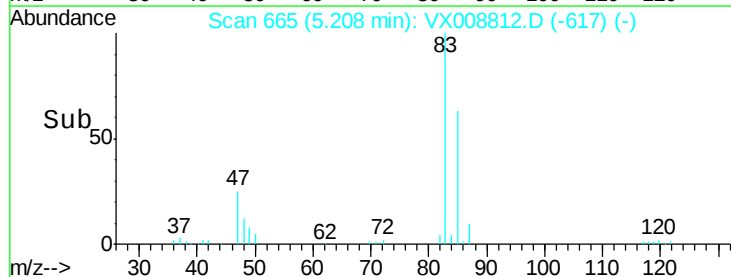
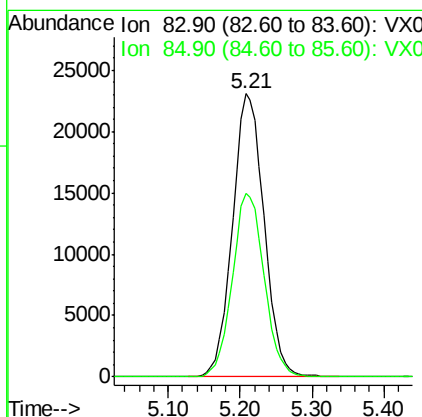
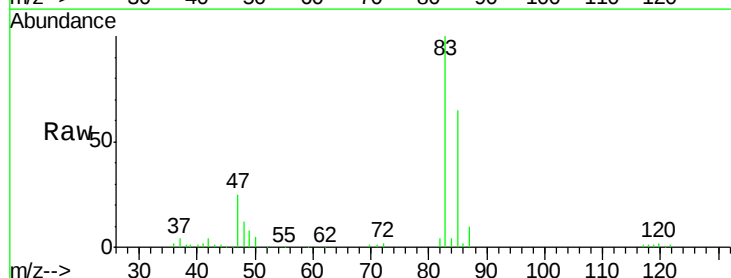
Manual Integrations
APPROVED

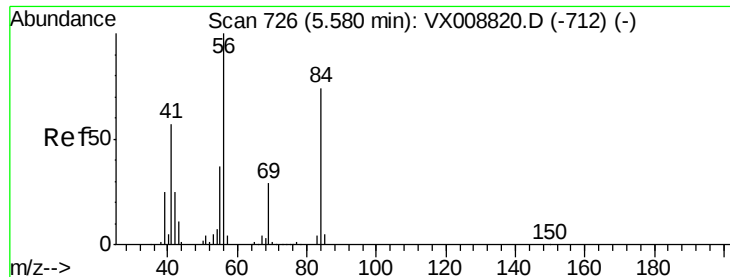
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#30
Chloroform
Concen: 17.950 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.1	78.1





#31

Cyclohexane

Concen: 16.546 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

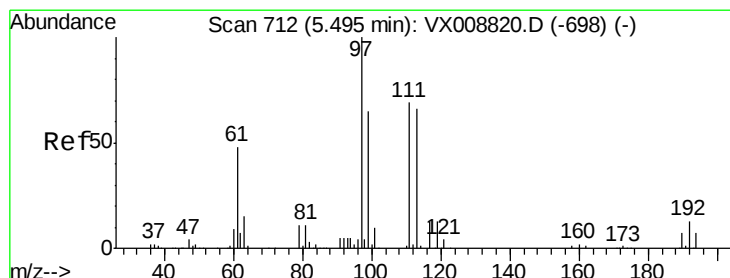
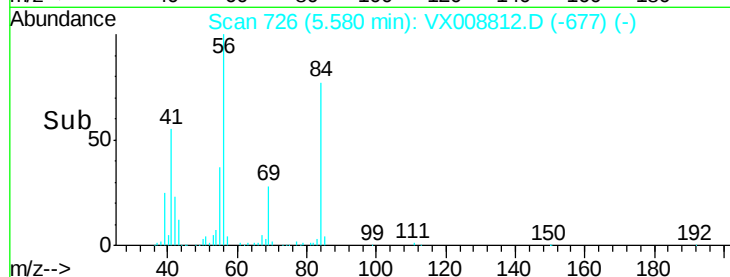
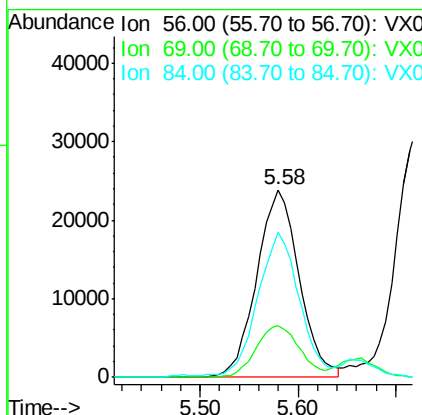
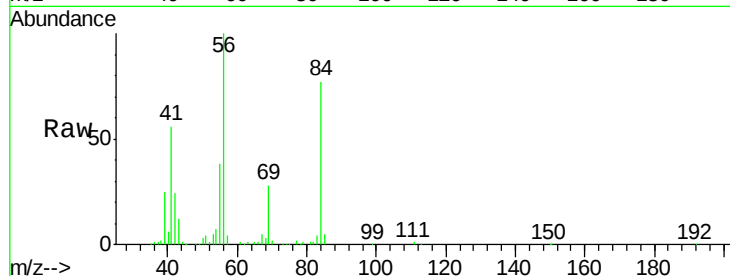
ClientSampleId :

VX0410WBSD01

Tot Ion:	56	Resp:	72080
Ion	Ratio	Lower	Upper
56	100		
69	27.7	22.6	33.8
84	76.8	59.3	88.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.560 ug/l

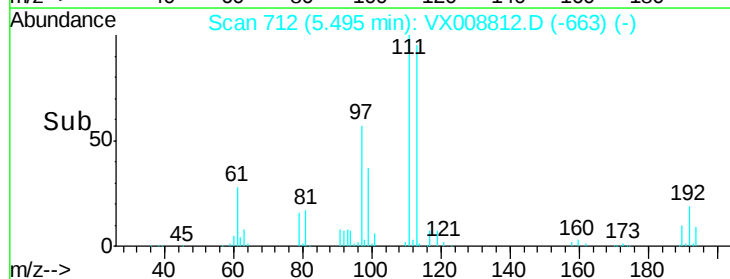
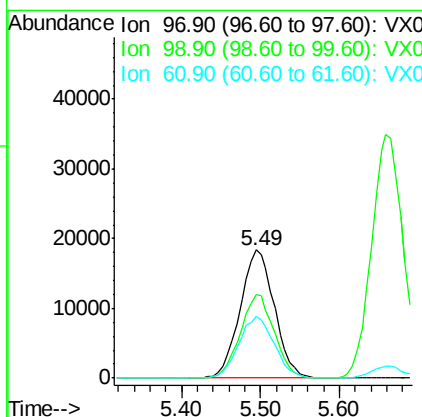
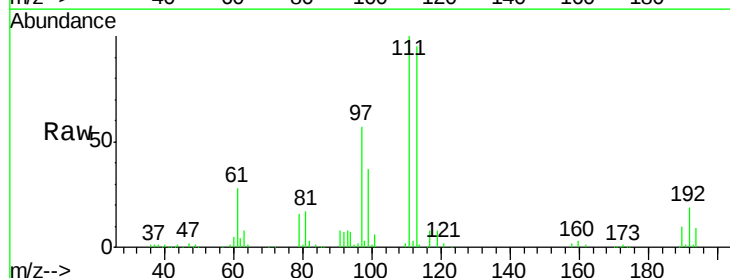
RT: 5.49 min Scan# 712

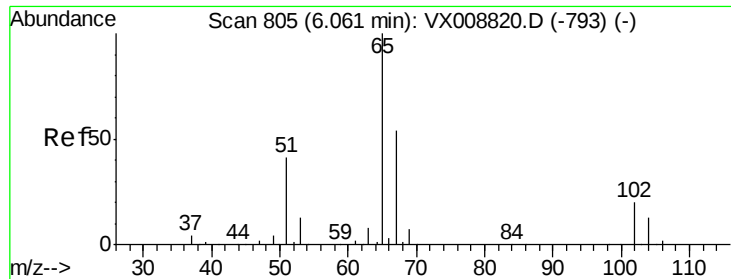
Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion:	97	Resp:	55333
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.3	76.9
61	50.1	38.9	58.3





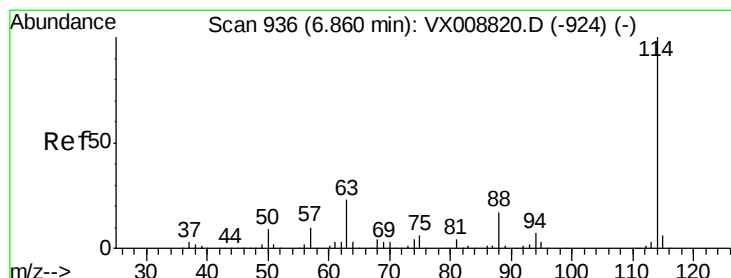
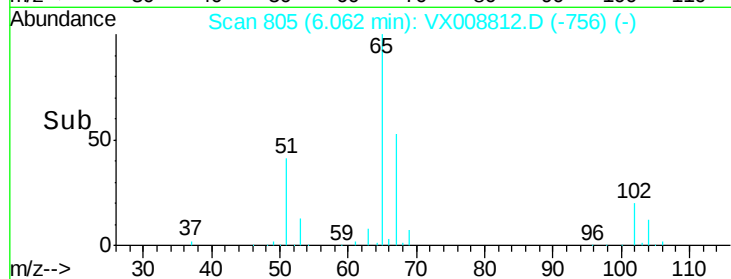
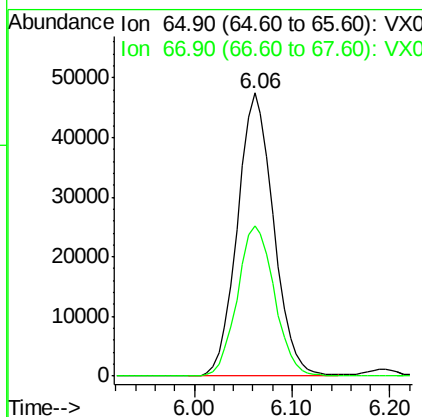
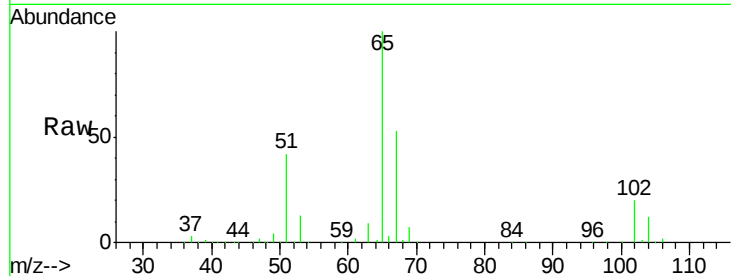
#33
 1,2-Dichloroethane-d4
 Concen: 48.255 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121669		
67	54.4	0.0	107.2	

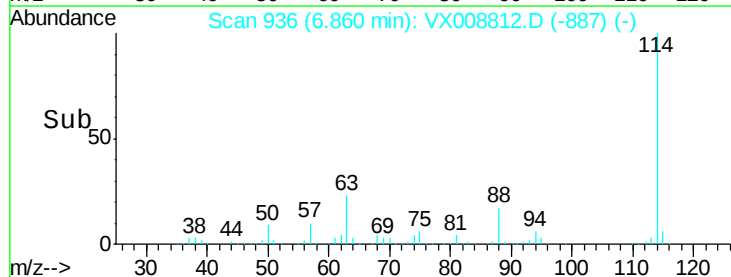
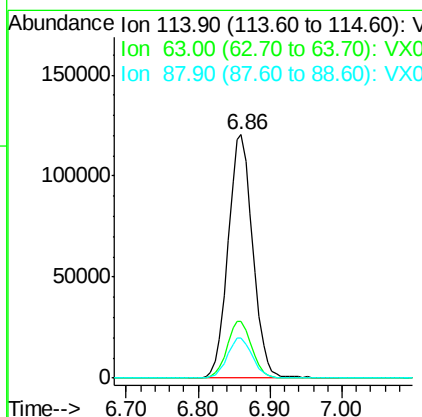
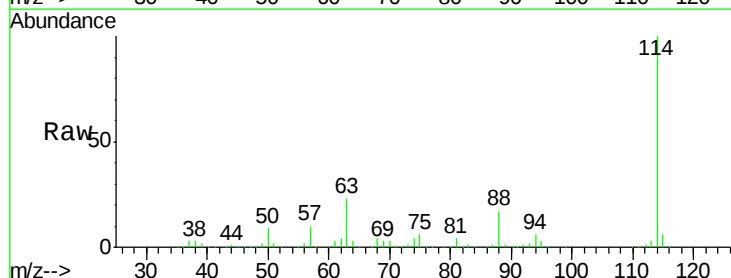
Manual Integrations
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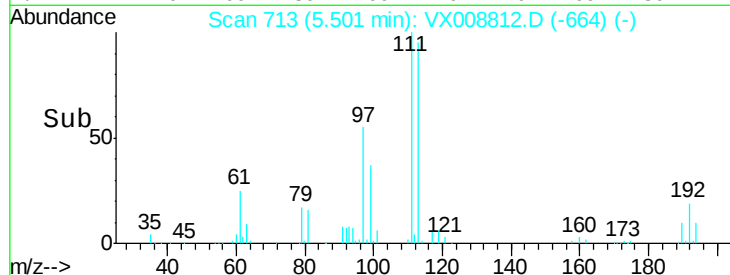
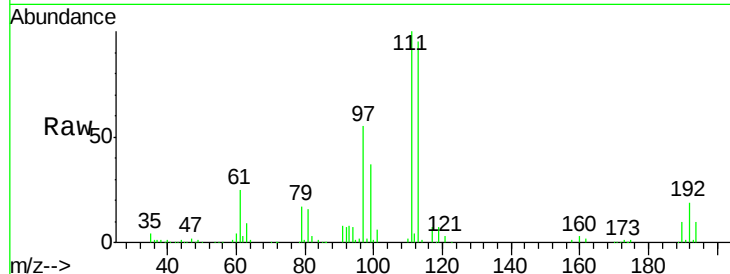
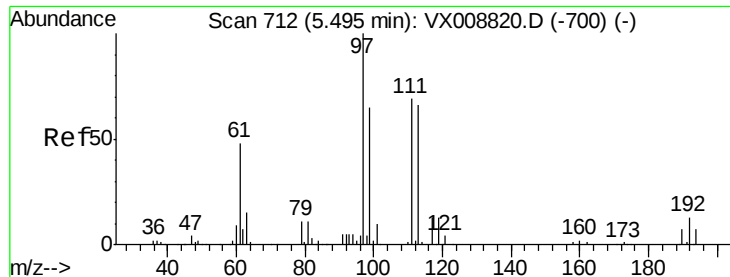
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 4/11/2019 11:48:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	286694		
63	23.2	0.0	47.2	
88	16.6	0.0	34.0	





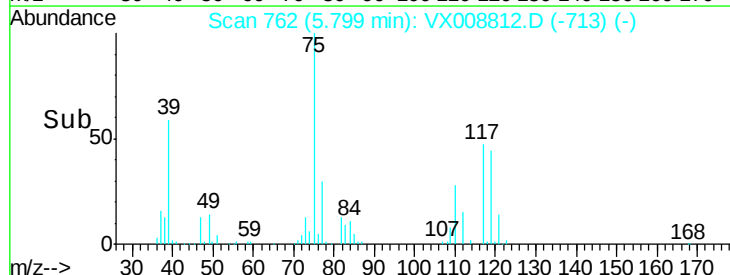
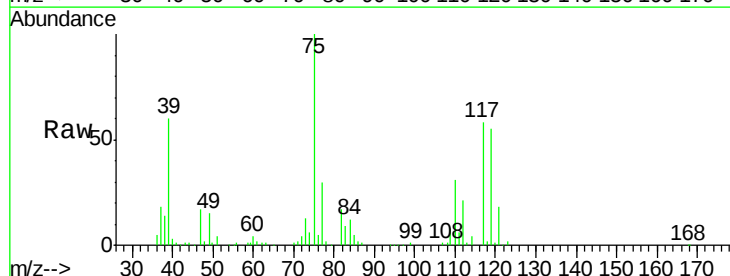
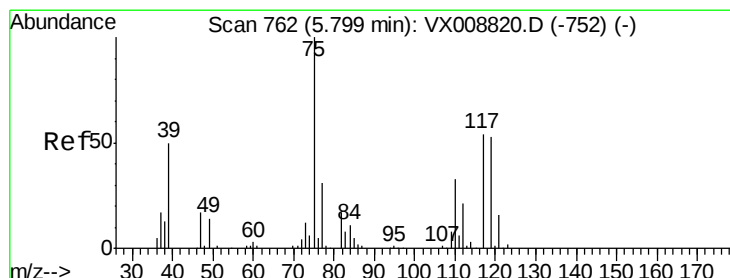
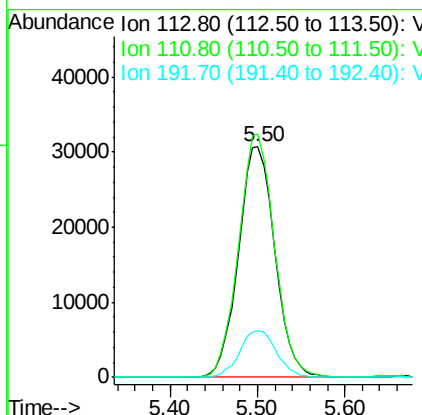
#35
Dibromofluoromethane
Concen: 48.677 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tot Ion	Ratio	Resp	Lower	Upper
113	100	89226		
111	103.8	83.4	125.2	
192	20.5	16.1	24.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

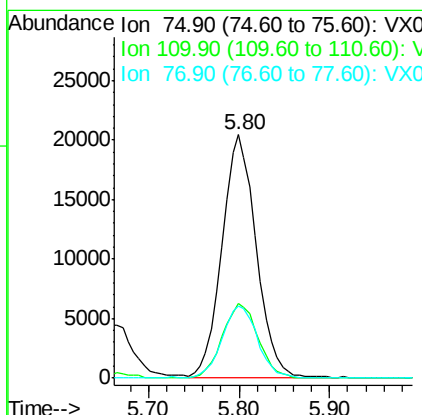
Manual Integrations
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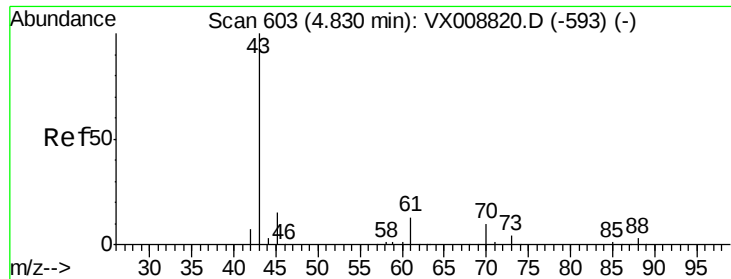
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#36
1,1-Dichloropropene
Concen: 17.208 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53926		
110	31.8	16.4	49.2	
77	30.8	24.7	37.1	





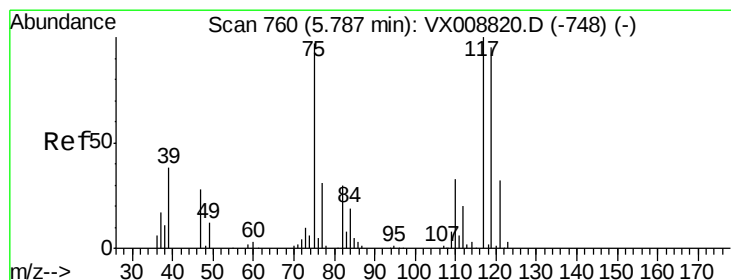
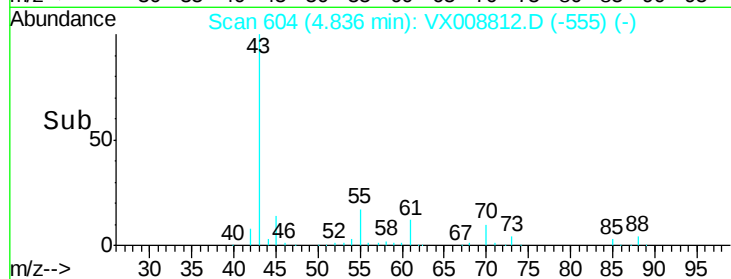
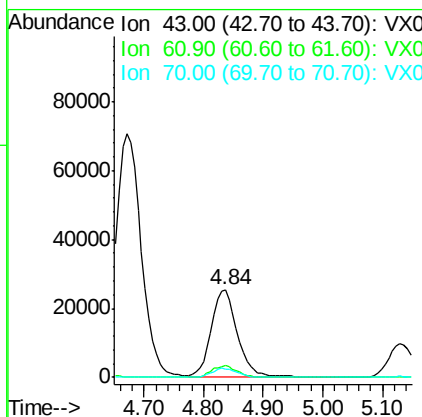
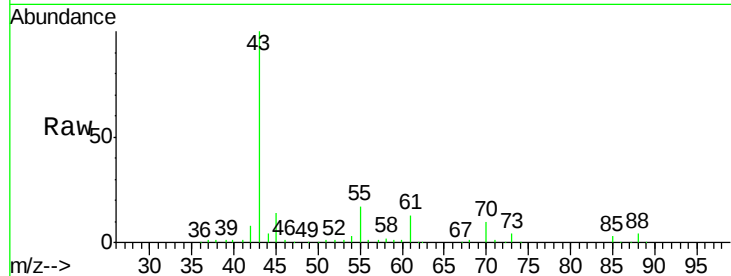
#37
Ethyl Acetate
Concen: 18.352 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.3	15.5
70	10.0	7.6	11.4

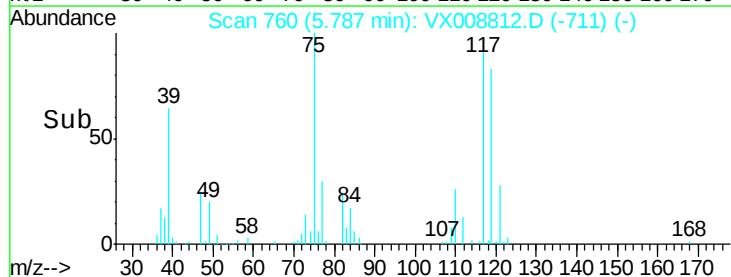
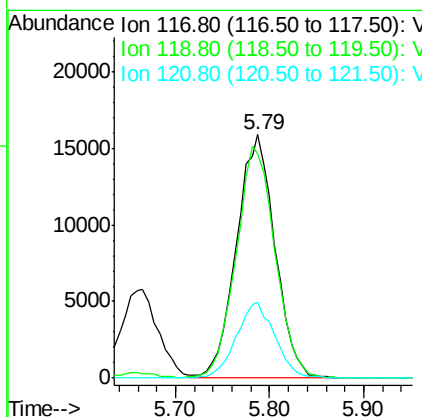
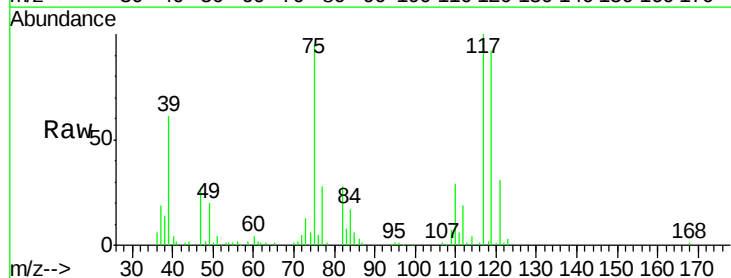
Manual Integrations
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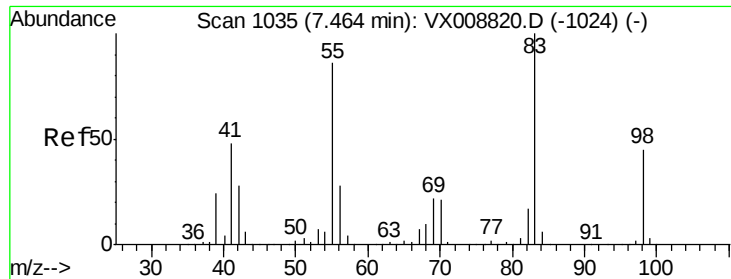
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#38
Carbon Tetrachloride
Concen: 17.574 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.0	112.6
121	31.1	24.3	36.5





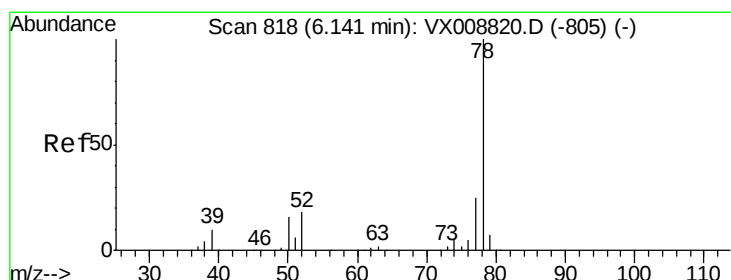
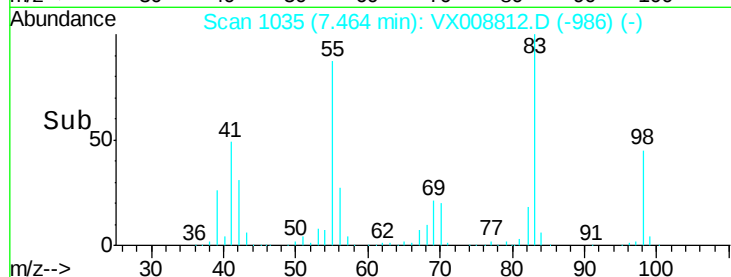
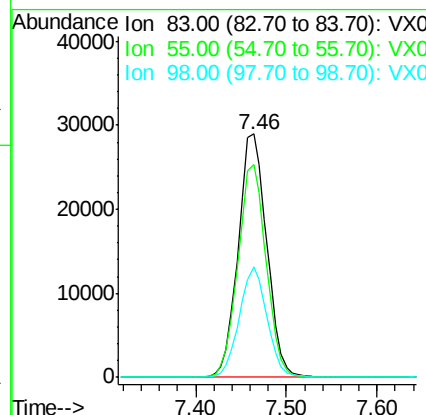
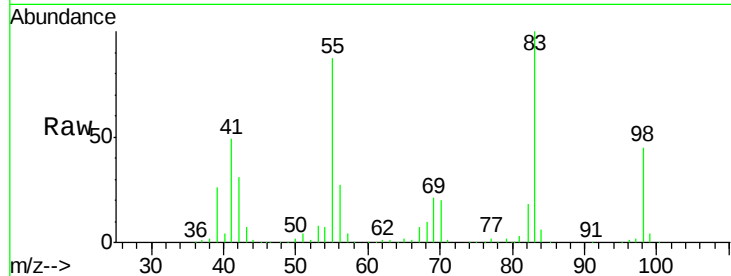
#39
Methvlcvclohexane
Concen: 16.348 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	83	Resp	63288
Ion Ratio	100	Lower	Upper
83	100		
55	87.3	69.0	103.6
98	45.5	34.4	51.6

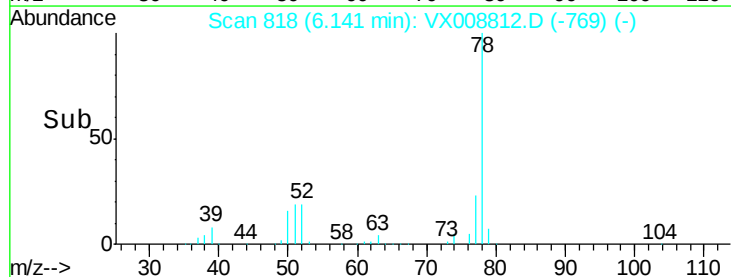
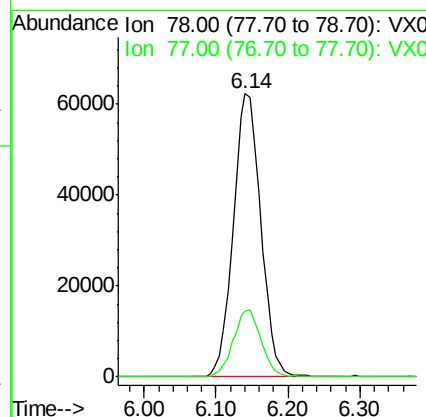
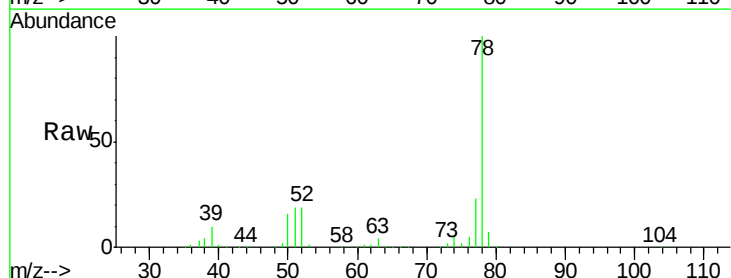
Manual Integrations
APPROVED

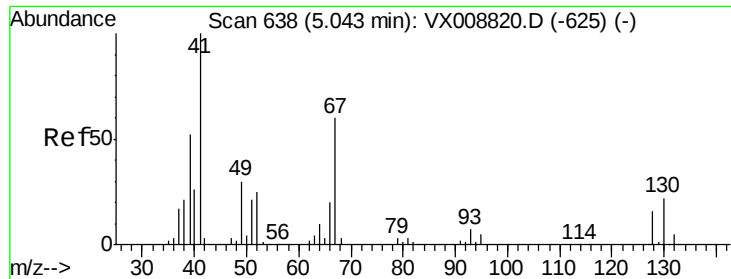
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#40
Benzene
Concen: 17.765 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	78	Resp	165859
Ion Ratio	100	Lower	Upper
78	100		
77	23.4	19.1	28.7





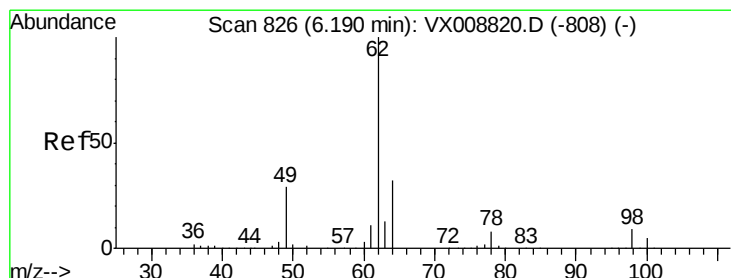
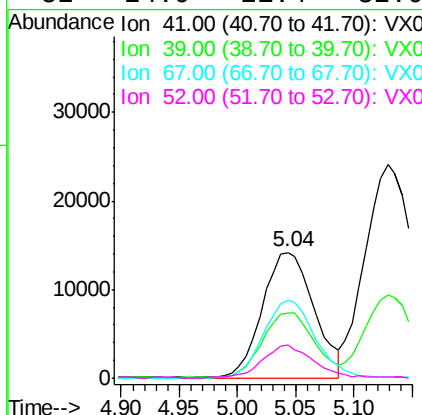
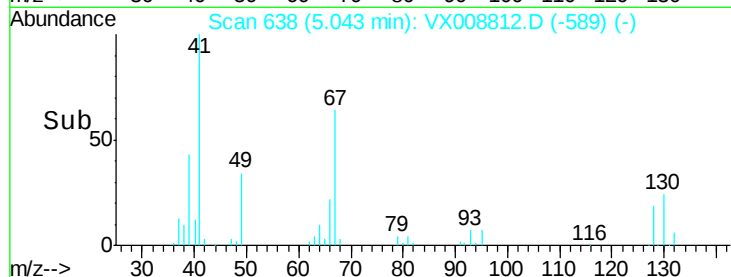
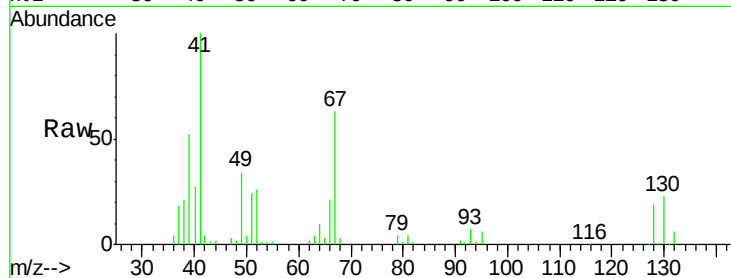
#41
Methacrylonitrile
Concen: 18.052 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	42.1	63.1	
67	63.4	51.0	76.6	
52	24.9	21.4	32.0	

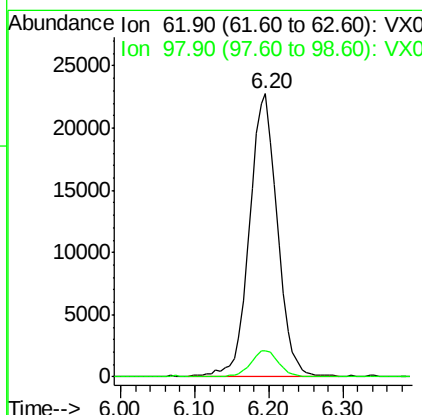
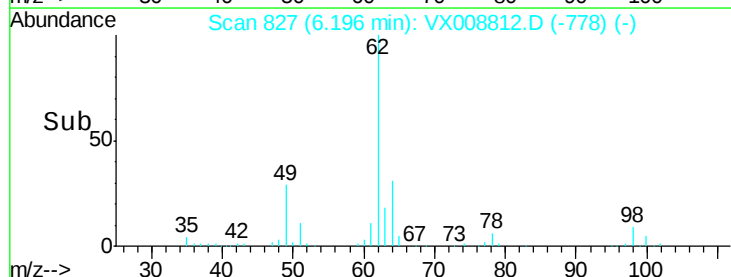
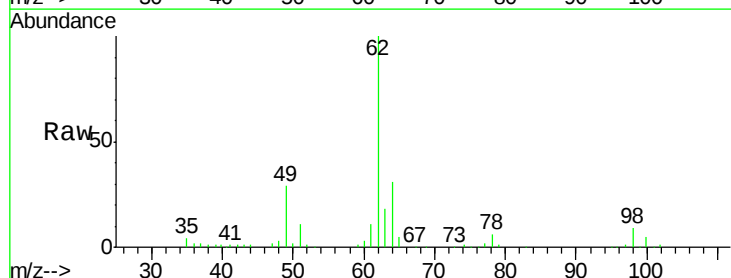
Manual Integrations
APPROVED

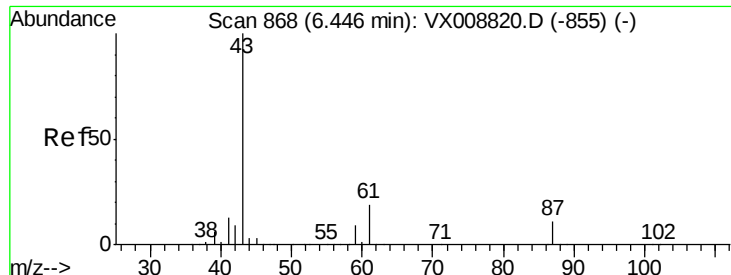
MMDadoda
4/11/2019 11:48:25 AM



#42
1,2-Dichloroethane
Concen: 17.944 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.0	





#43

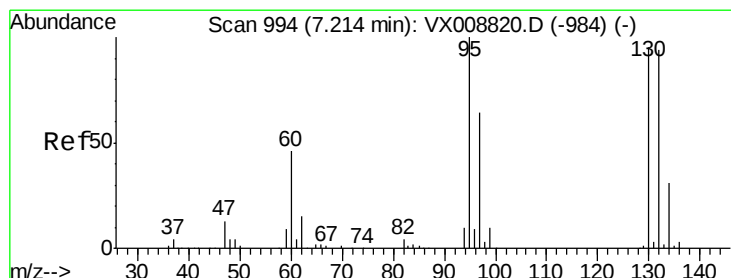
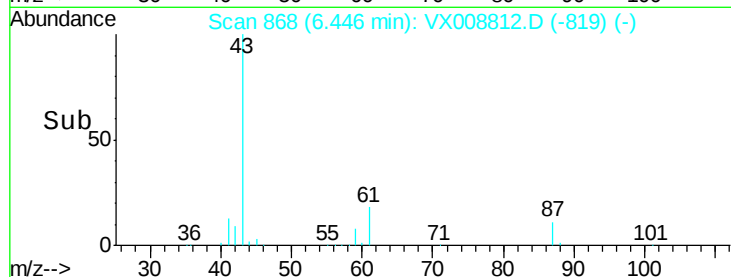
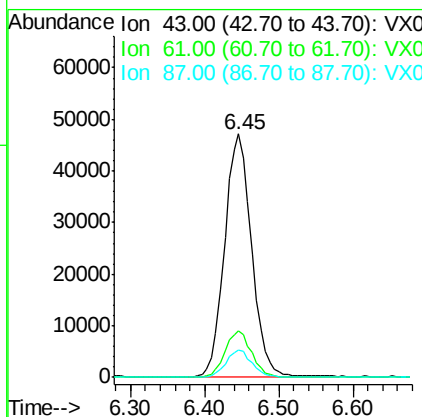
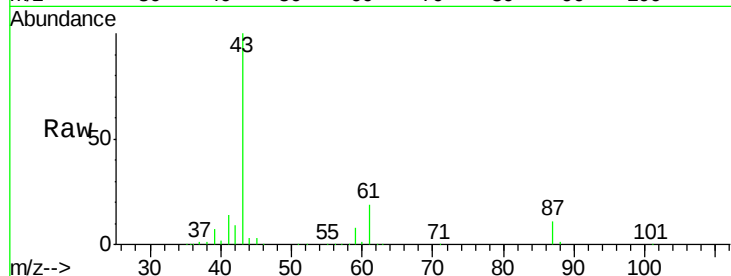
Isopropyl Acetate
 Concen: 18.200 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	43	61	87
Resp	119263		
Ratio	100	18.8	11.1
Lower		15.3	9.0
Upper		22.9	13.6

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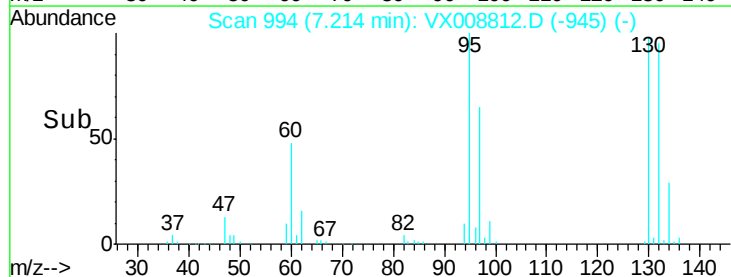
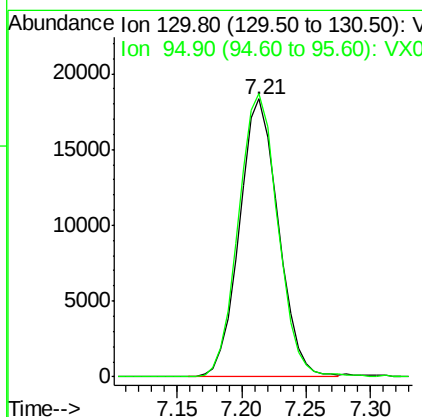
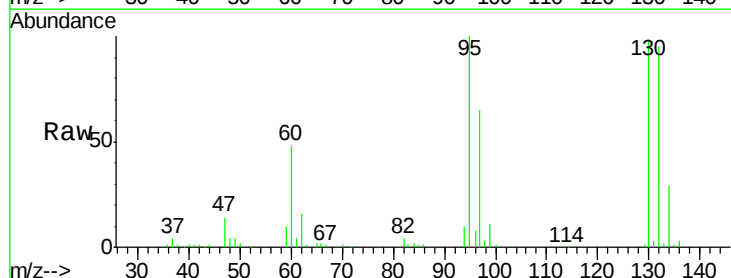
MMDadoda
 4/11/2019 11:48:25 AM

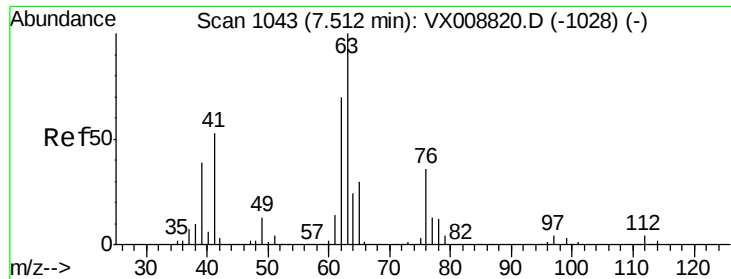


#44

Trichloroethene
 Concen: 17.651 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion	130	95
Resp	38381	
Ratio	100	101.8
Lower		0.0
Upper		209.8





#45

1,2-Dichloropropane

Concen: 17.796 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 63 Resp: 47421

Ion Ratio Lower Upper

63 100

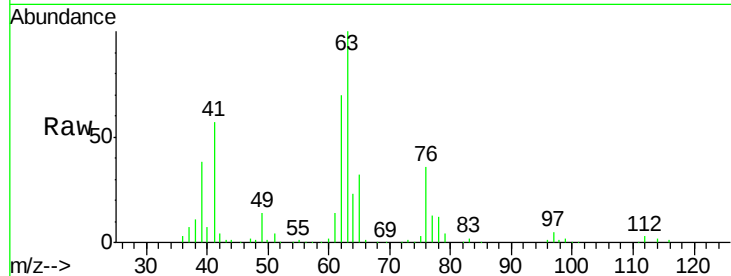
65 32.1 24.2 36.4

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

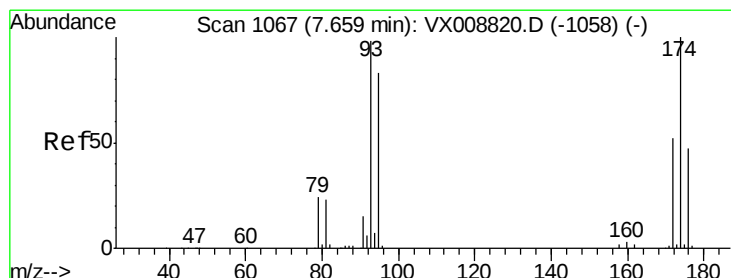
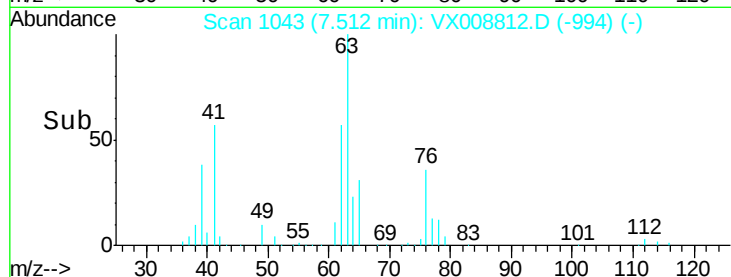
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 16.948 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

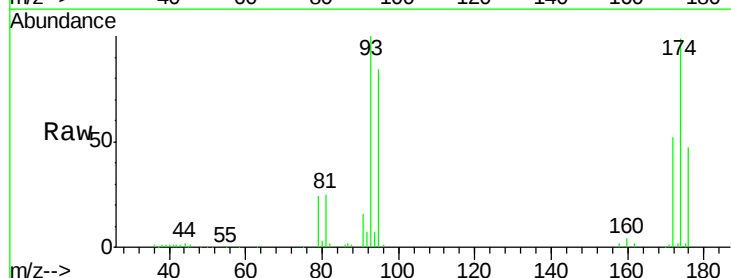
Tgt Ion: 93 Resp: 26193

Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 102.2 77.7 116.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

15000

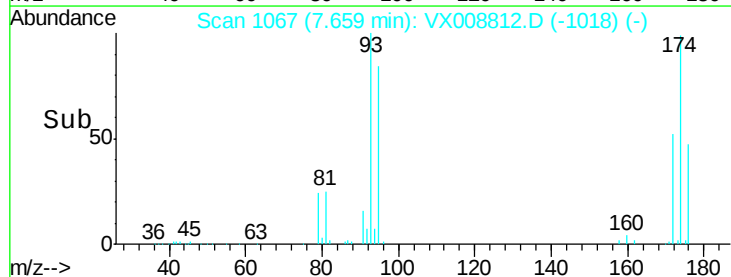
10000

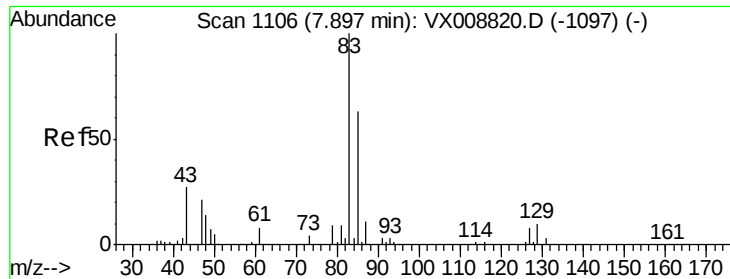
5000

0

Time-->

7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 17.915 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

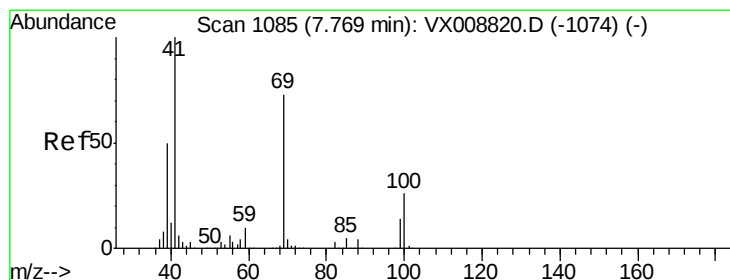
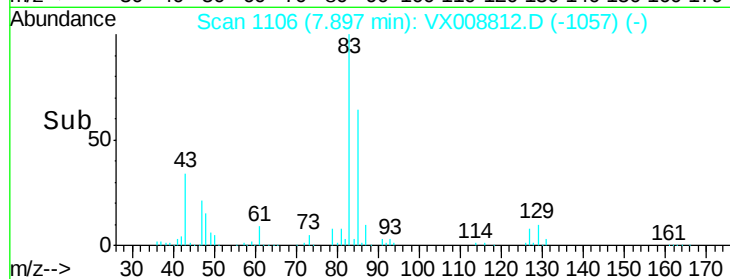
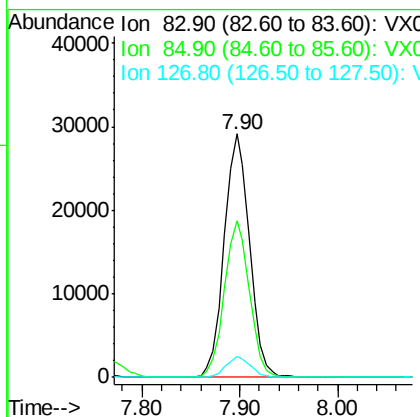
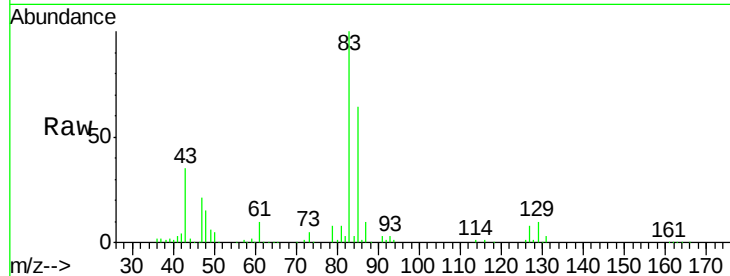
ClientSampleId :

VX0410WBSD01

Tot Ion:	83	Resp:	52206
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8
127	8.3	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.107 ug/l

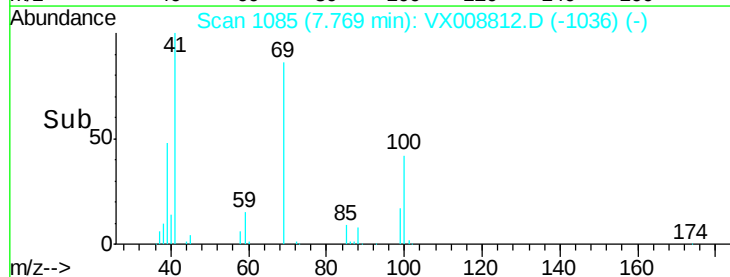
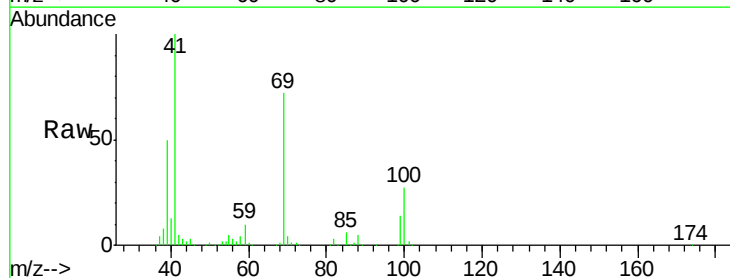
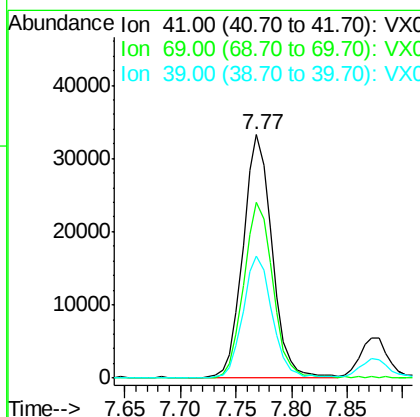
RT: 7.77 min Scan# 1085

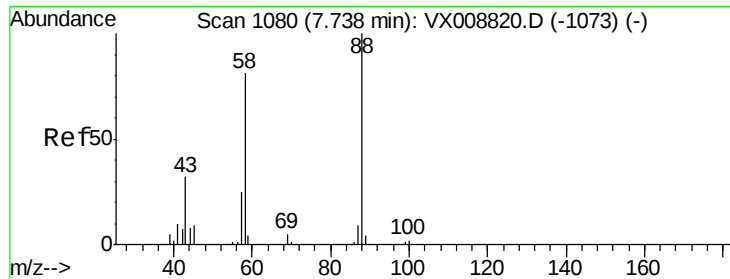
Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion:	41	Resp:	60019
Ion	Ratio	Lower	Upper
41	100		
69	73.1	59.0	88.4
39	51.0	41.0	61.4





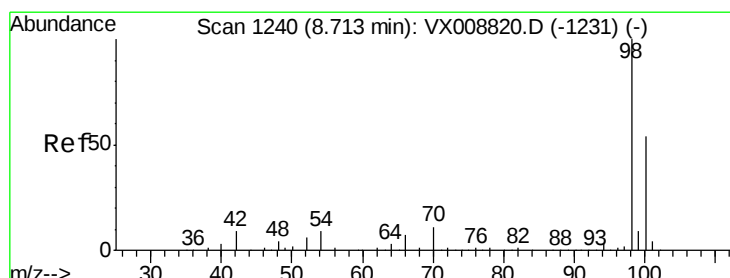
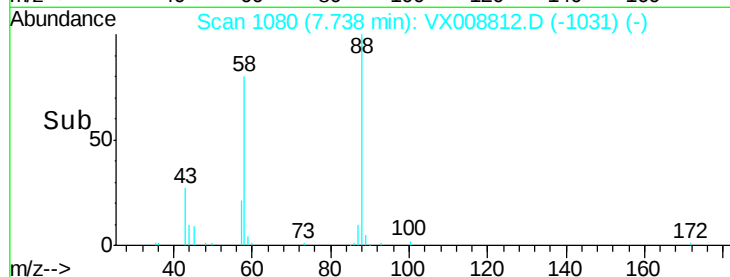
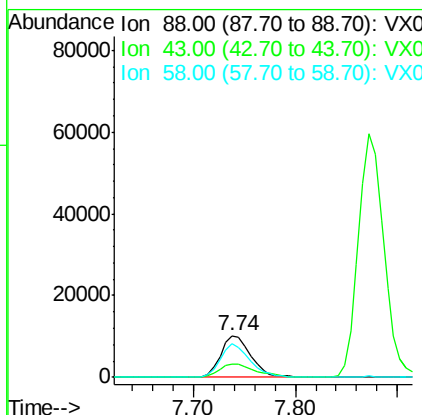
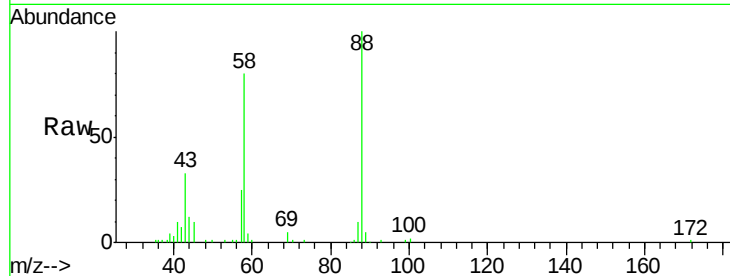
#49
 1,4-Dioxane
 Concen: 336.346 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	28.6	43.0
58	80.5	62.2	93.2

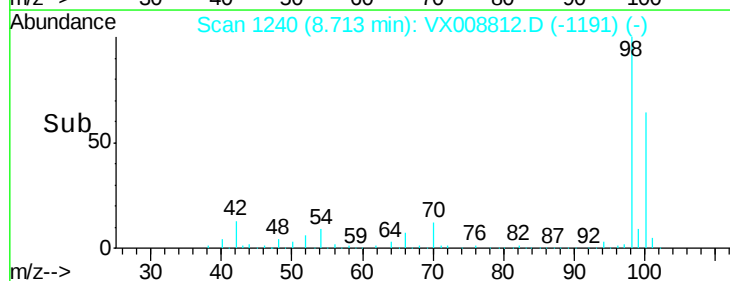
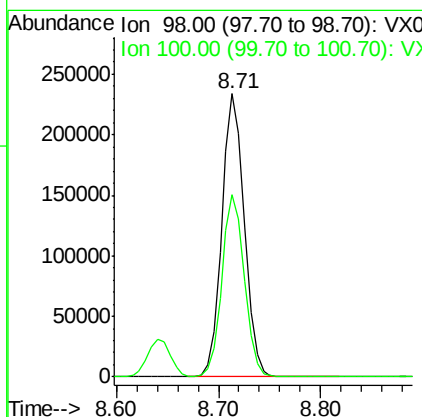
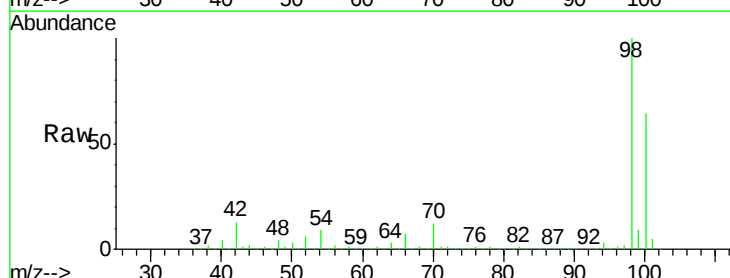
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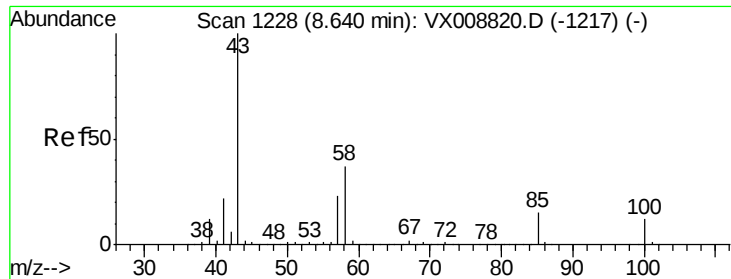
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#50
 Toluene-d8
 Concen: 49.078 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 94.364 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 43 Resp: 398052

Ion Ratio Lower Upper

43 100

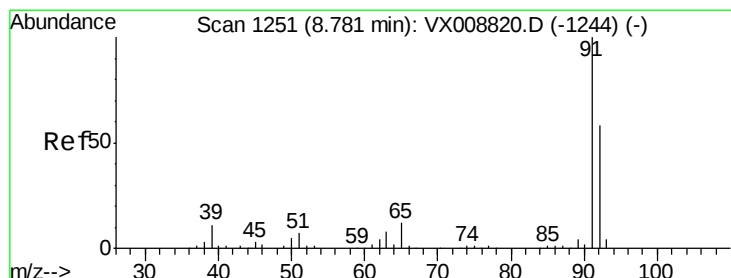
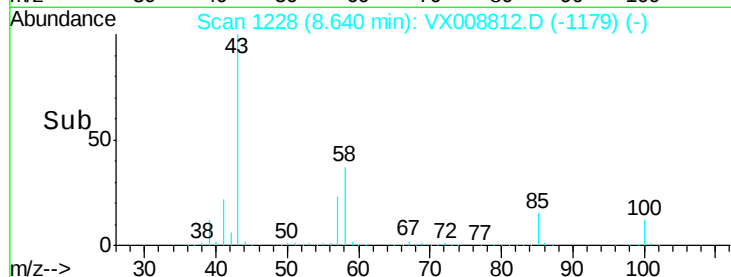
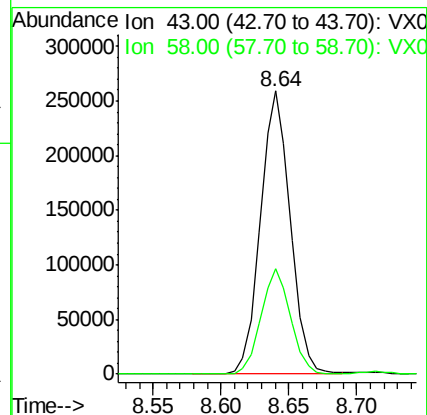
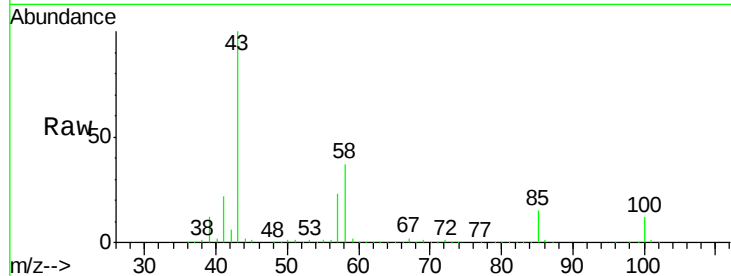
58 36.9 29.5 44.3

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#52

Toluene

Concen: 17.890 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008812.D

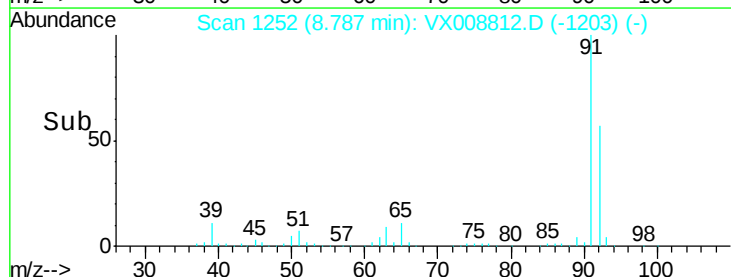
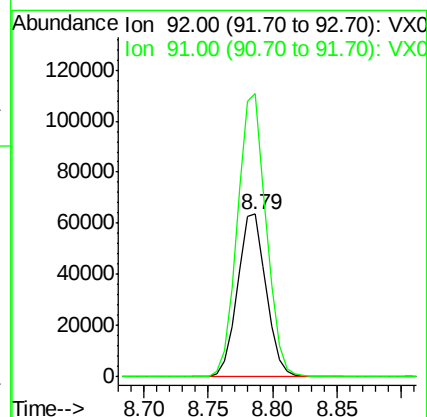
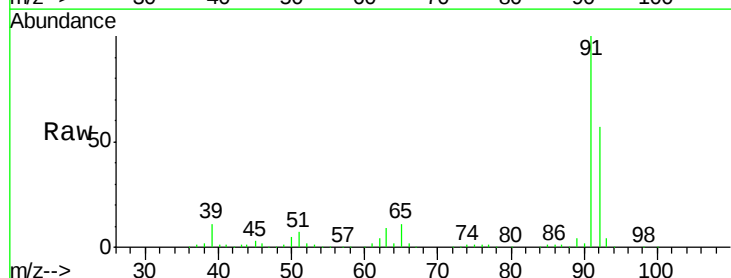
Acq: 10 Apr 2019 17:52

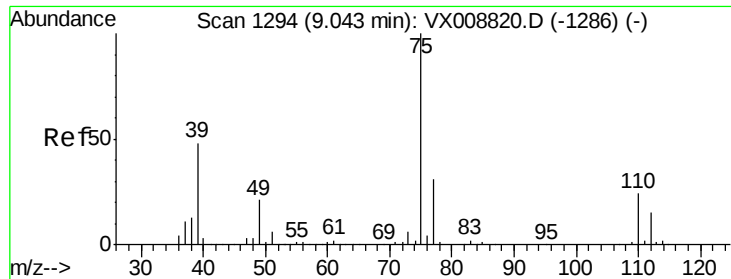
Tgt Ion: 92 Resp: 98468

Ion Ratio Lower Upper

92 100

91 174.4 138.5 207.7





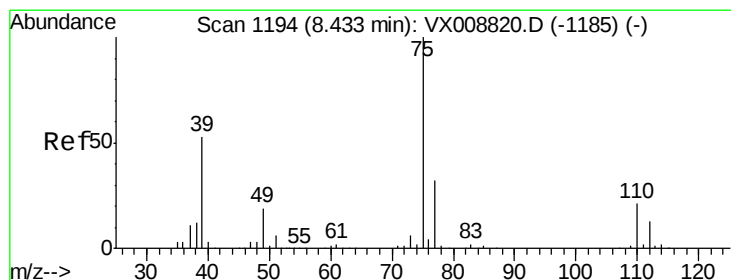
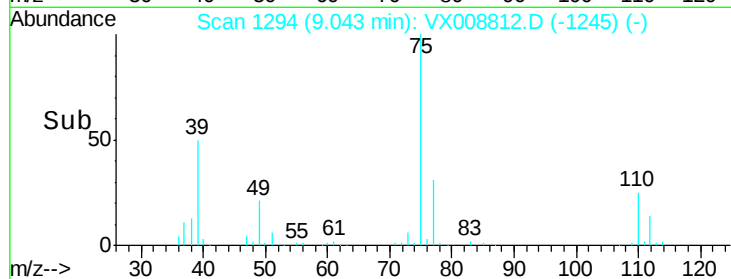
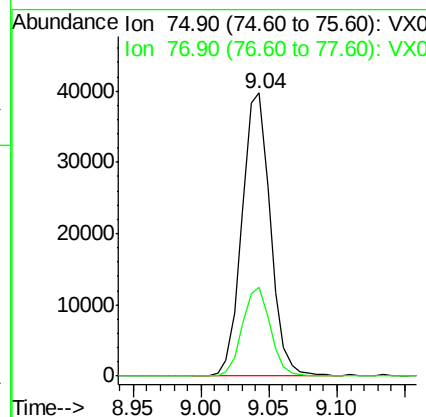
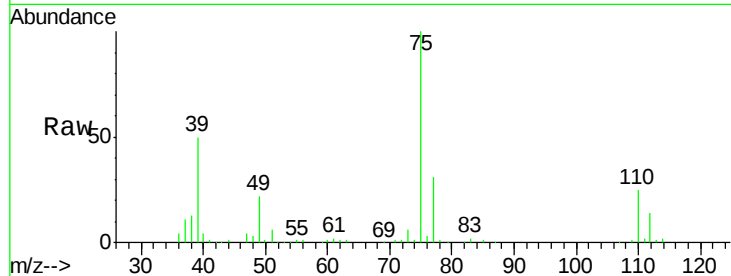
#53
 t-1,3-Dichloropropene
 Concen: 17.721 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion: 75 Resp: 57847
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8

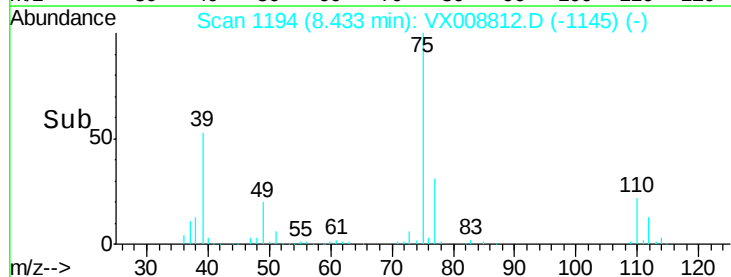
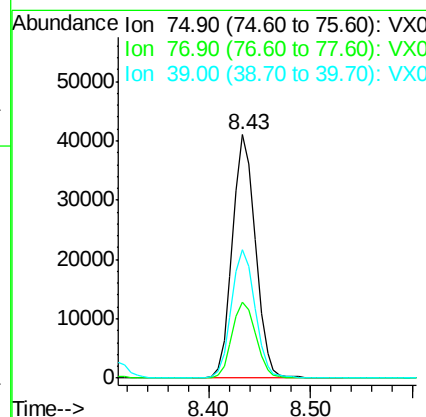
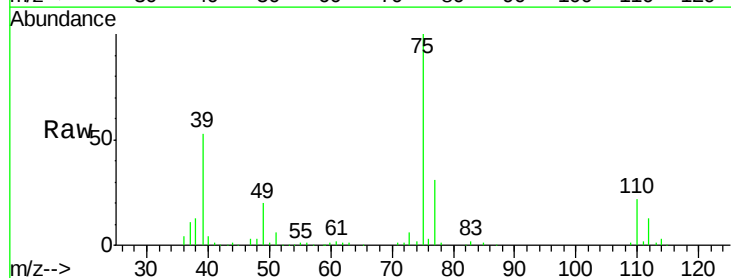
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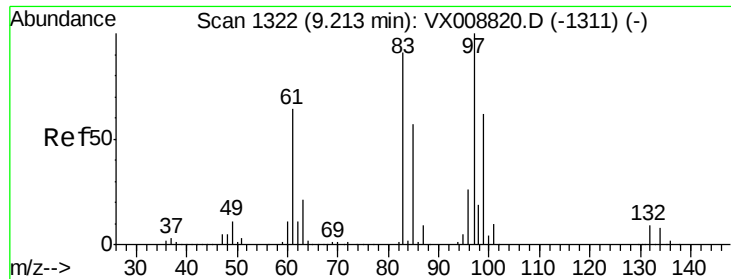
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#54
 cis-1,3-Dichloropropene
 Concen: 17.256 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion: 75 Resp: 64364
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 52.7 42.6 63.8





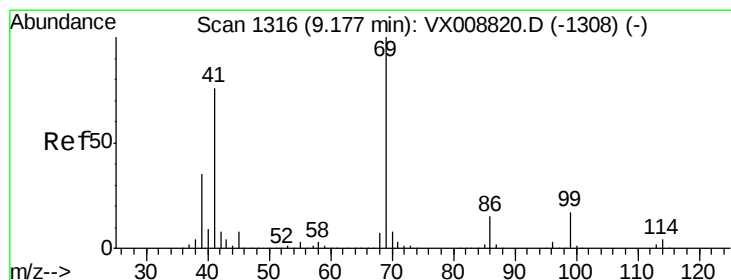
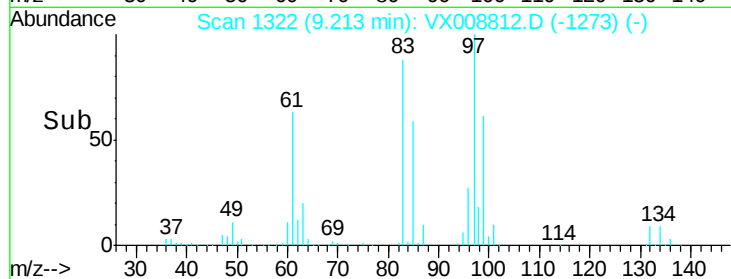
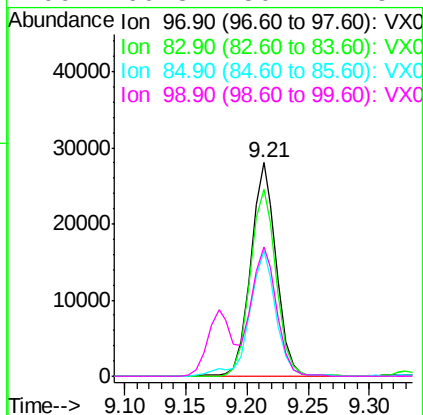
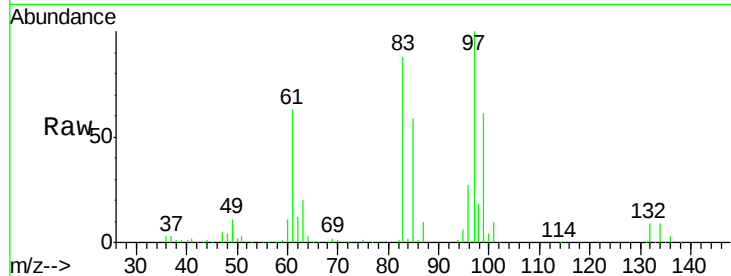
#55
 1,1,2-Trichloroethane
 Concen: 18.433 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion:	97	Resp:	40726
Ion	Ratio	Lower	Upper
97	100		
83	87.7	73.2	109.8
85	58.9	46.6	69.8
99	60.3	50.1	75.1

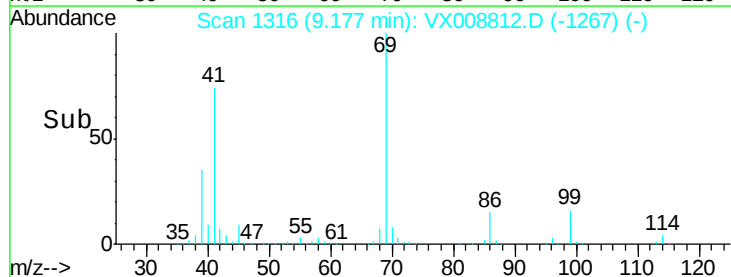
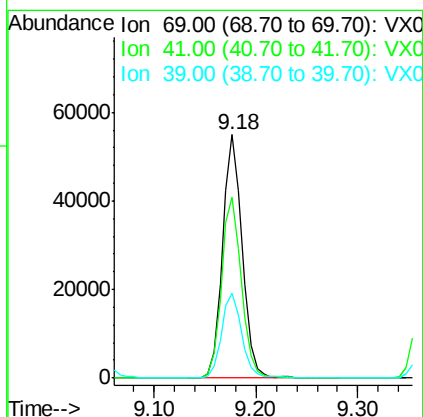
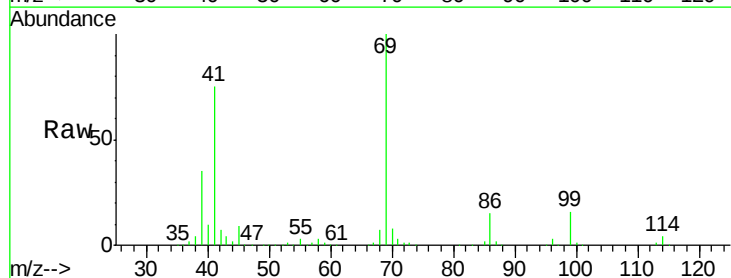
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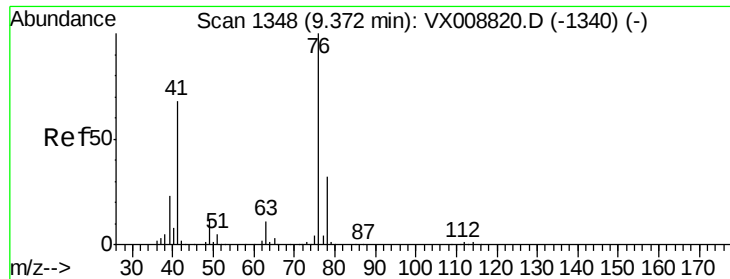
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#56
 Ethyl methacrylate
 Concen: 18.459 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion:	69	Resp:	73791
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.1	90.1
39	35.4	28.9	43.3





#57

1,3-Dichloropropane

Concen: 18.100 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 76 Resp: 71808

Ion Ratio Lower Upper

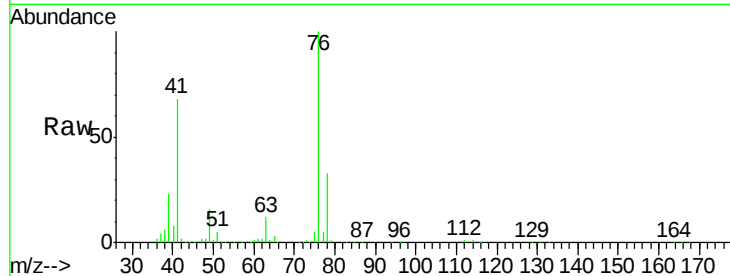
76 100

78 32.9 25.6 38.4

Manual Integrations
APPROVED

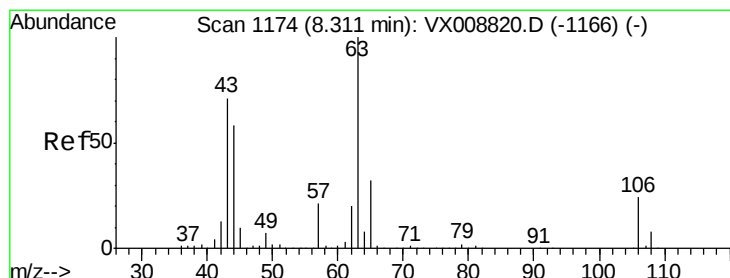
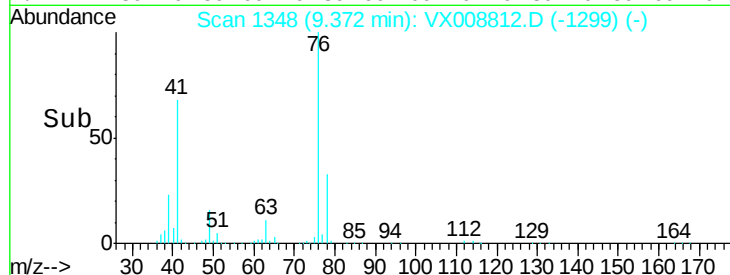
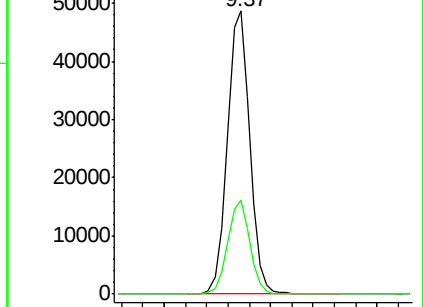
MMDadoda

4/11/2019 11:48:25 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.608 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008812.D

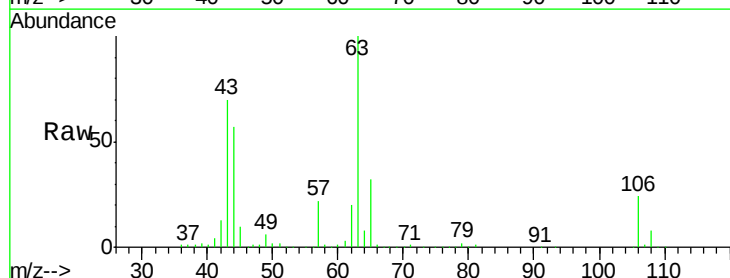
Acq: 10 Apr 2019 17:52

Tgt Ion: 63 Resp: 205361

Ion Ratio Lower Upper

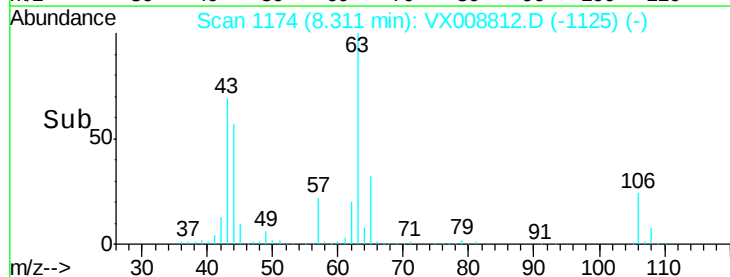
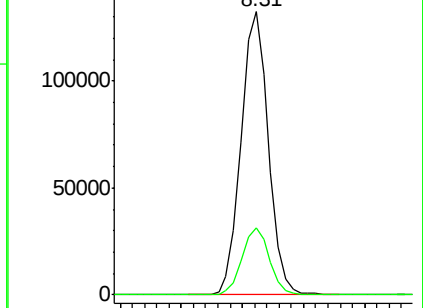
63 100

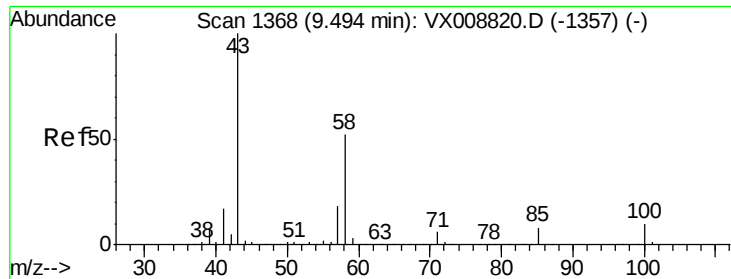
106 23.7 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





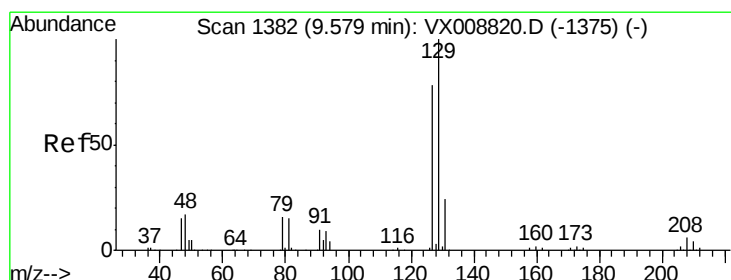
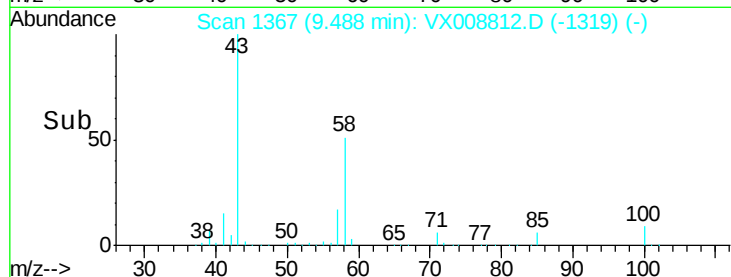
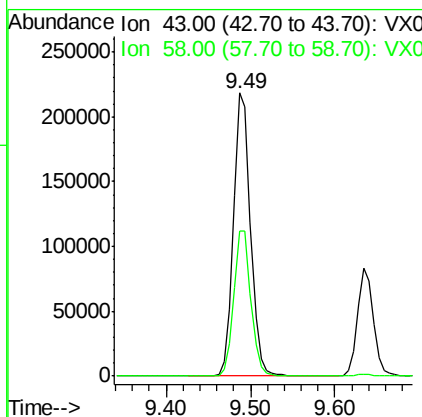
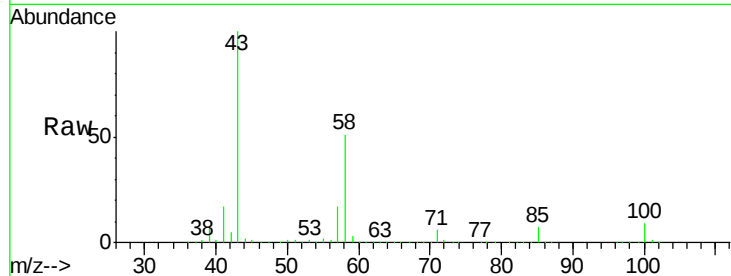
#59
2-Hexanone
Concen: 91.559 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion: 43 Resp: 300147
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7

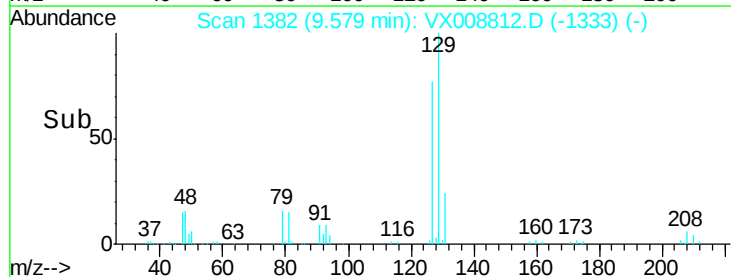
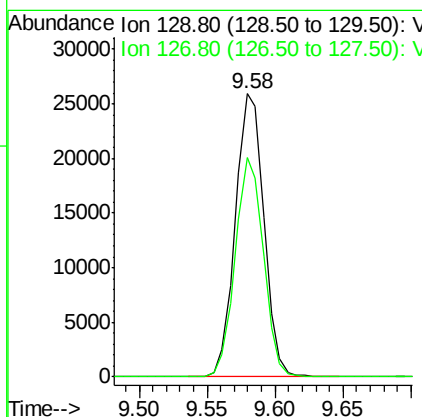
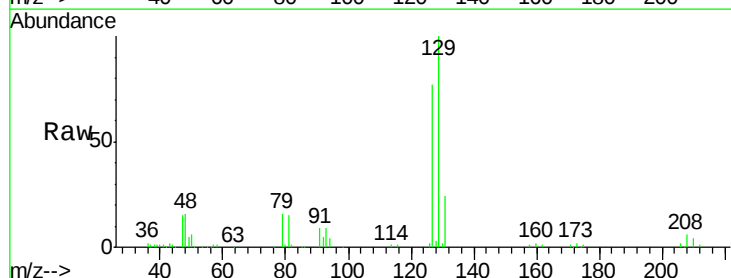
Manual Integrations
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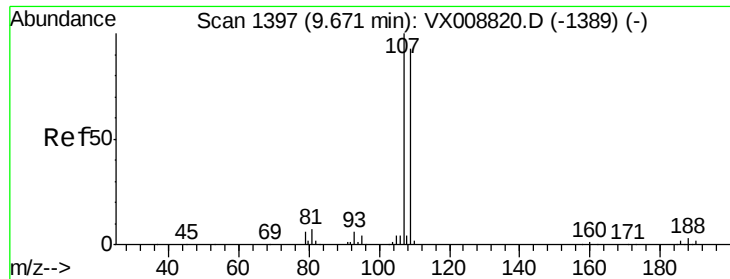
MMDadoda
4/11/2019 11:48:25 AM



#60
Dibromochloromethane
Concen: 18.188 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion:129 Resp: 37866
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.444 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion:107 Resp: 40122

Ion Ratio Lower Upper

107 100

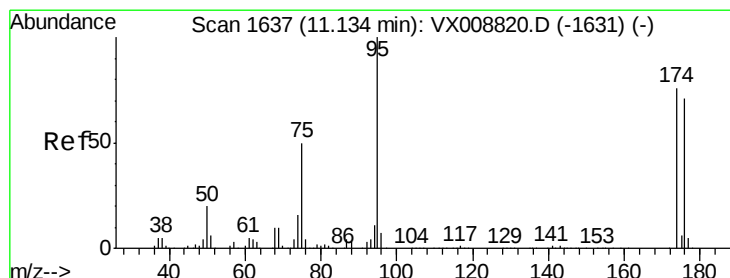
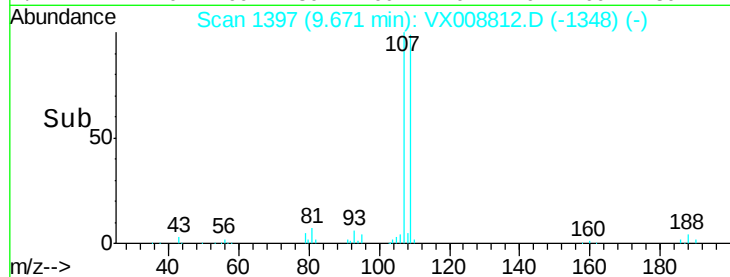
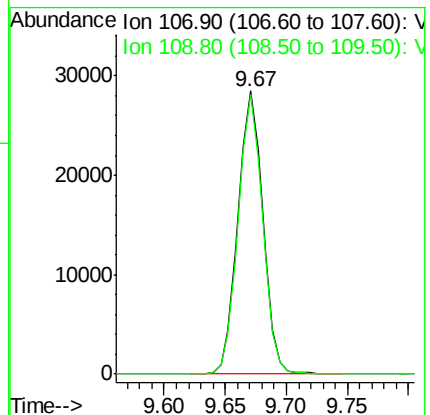
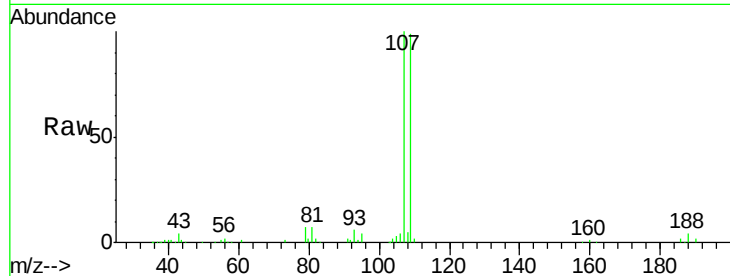
109 96.8 74.1 111.1

Manual Integrations

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4/11/2019 11:48:25 AM



#62

4-Bromofluorobenzene

Concen: 48.677 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

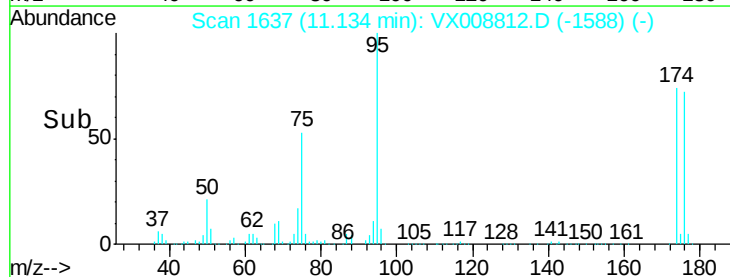
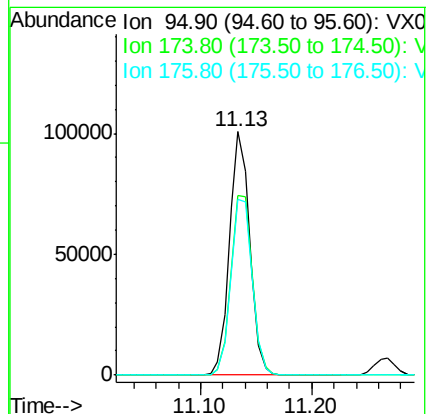
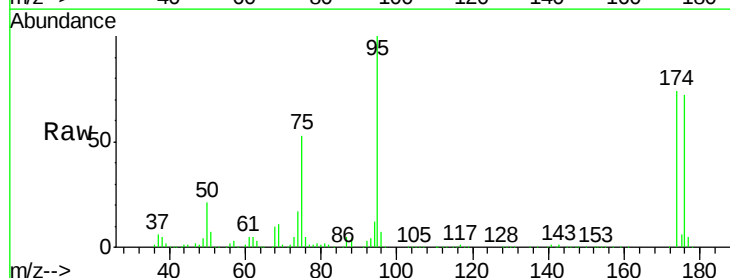
Tgt Ion: 95 Resp: 125986

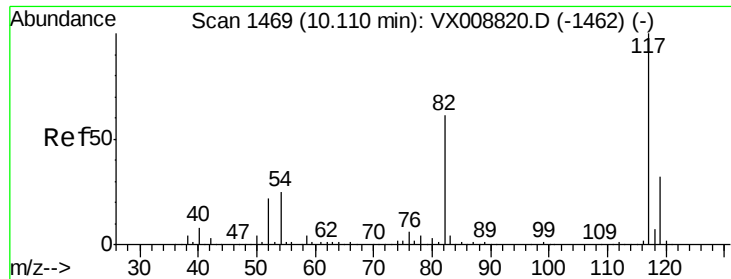
Ion Ratio Lower Upper

95 100

174 78.7 0.0 151.8

176 76.5 0.0 145.8





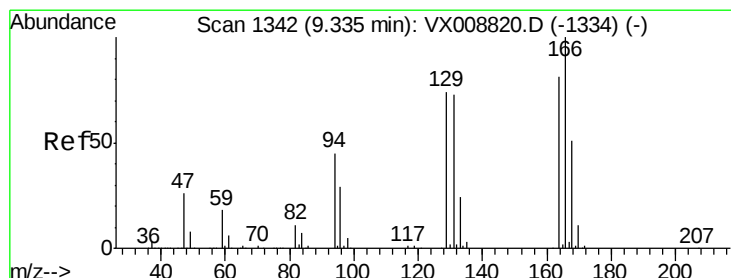
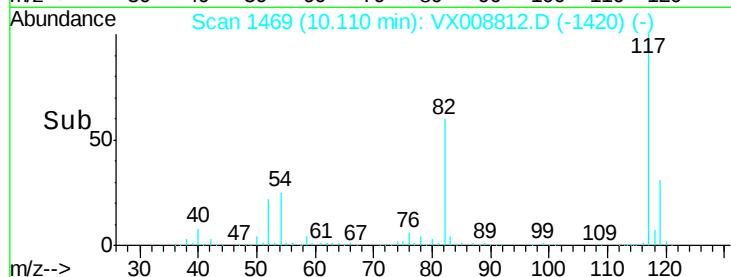
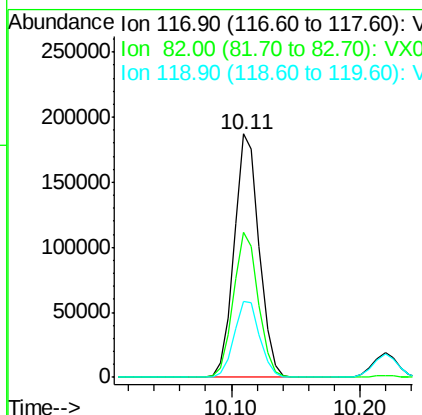
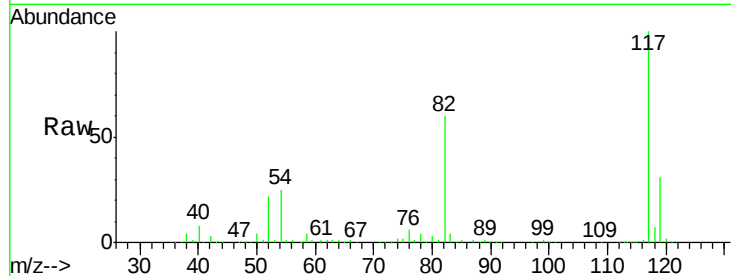
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	49.6	74.4
119	30.9	25.0	37.4

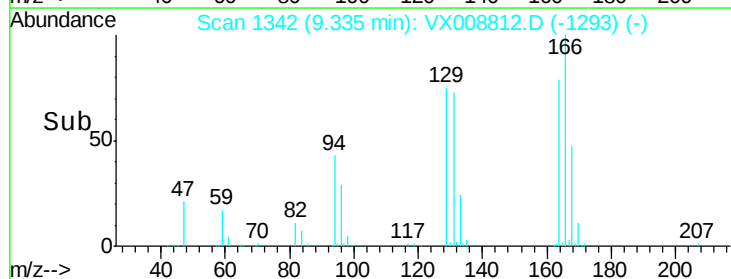
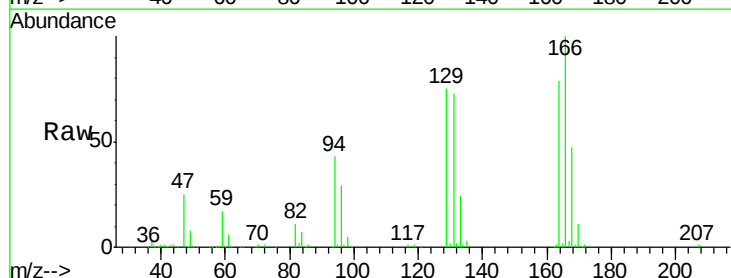
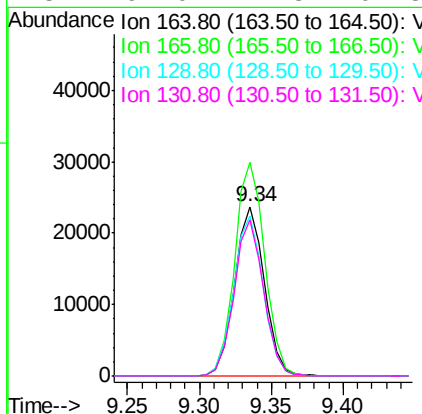
Manual Integrations
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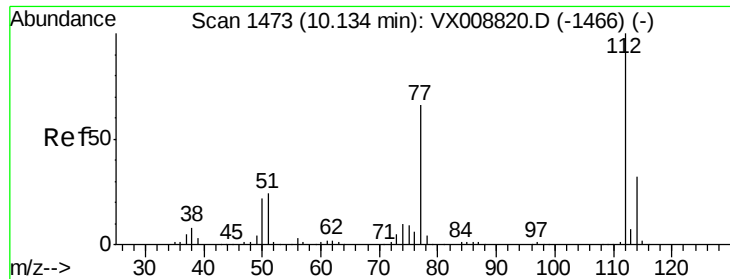
MMDadoda
4/11/2019 11:48:25 AM



#64
Tetrachloroethene
Concen: 18.286 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	101.0	151.6
129	94.0	75.8	113.8
131	92.0	71.8	107.8





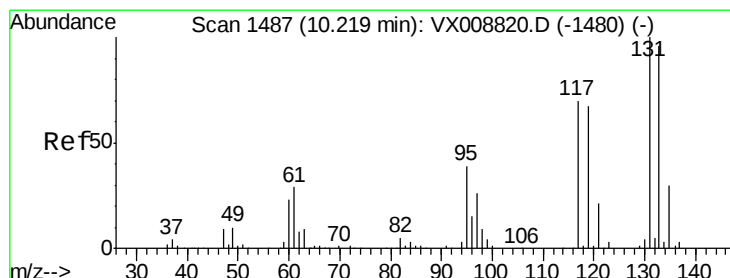
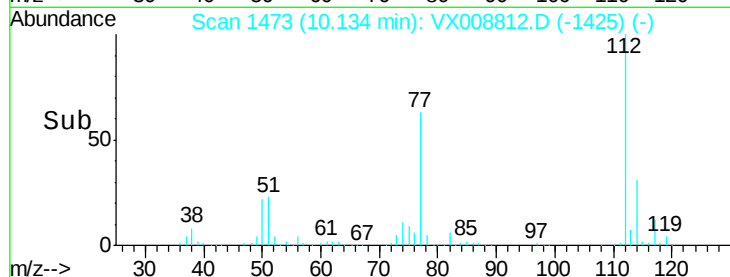
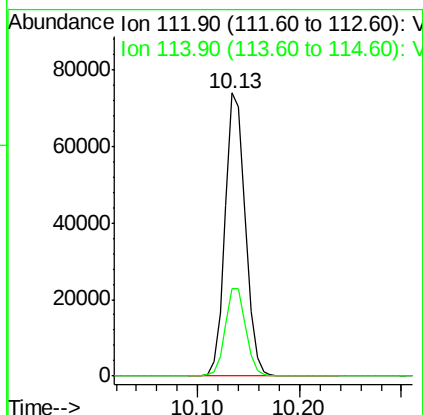
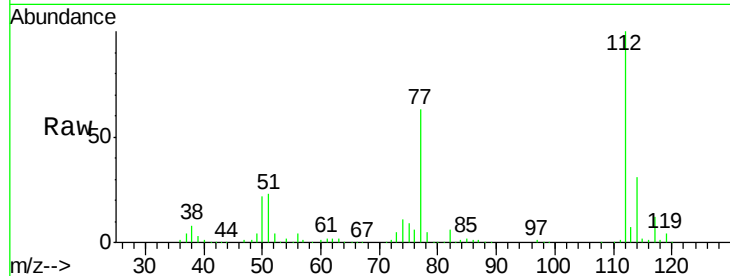
#65
Chlorobenzene
Concen: 18.060 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.8	38.8

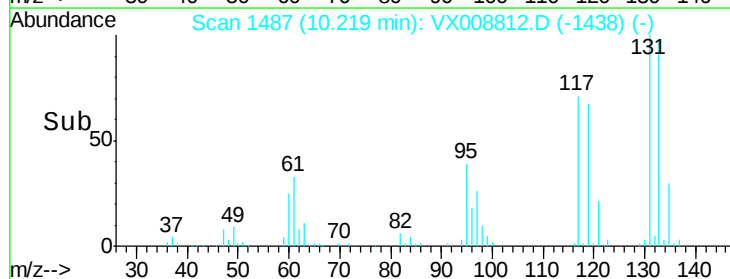
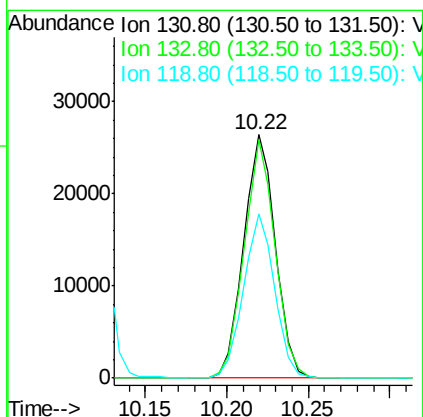
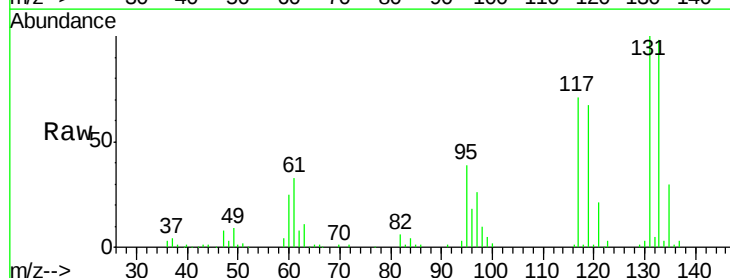
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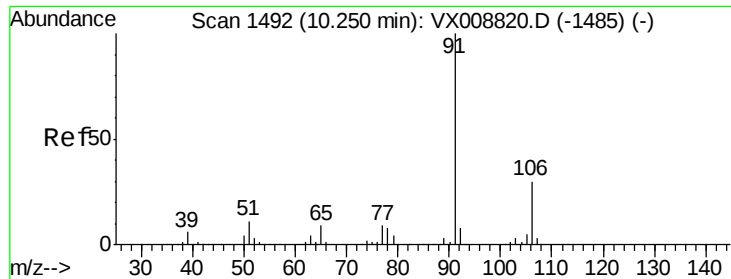
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.218 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.0	141.2
119	66.2	33.7	101.0





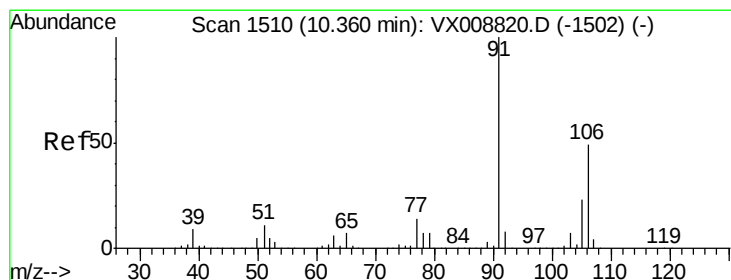
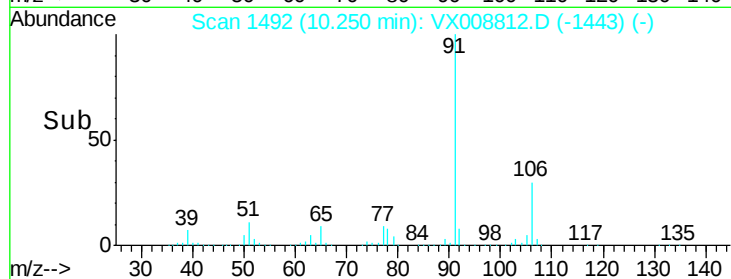
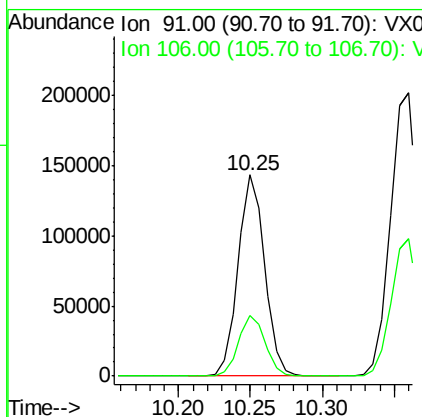
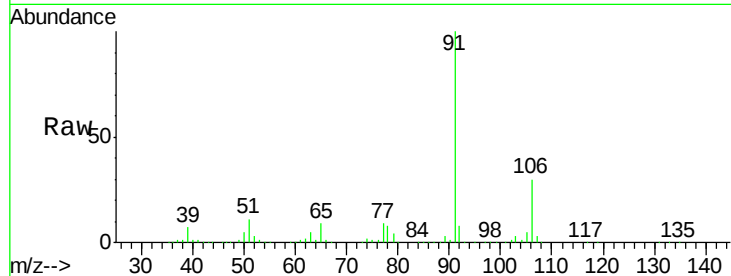
#67
Ethyl Benzene
Concen: 17.610 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion: 91 Resp: 183866
Ion Ratio Lower Upper
91 100
106 30.2 23.7 35.5

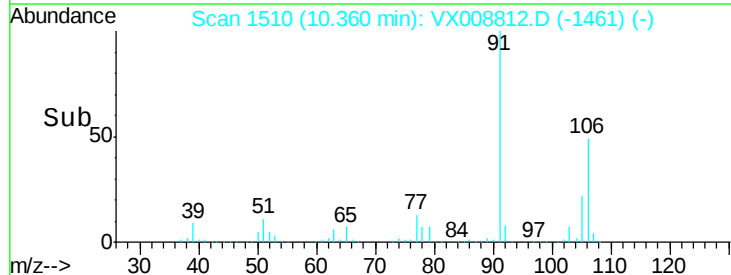
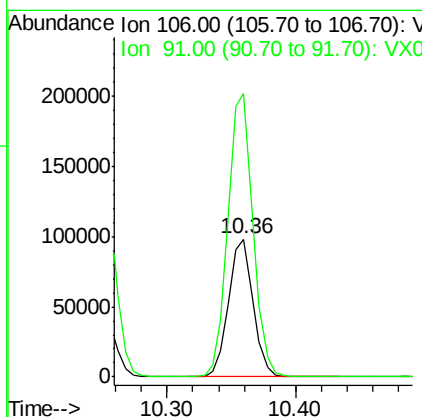
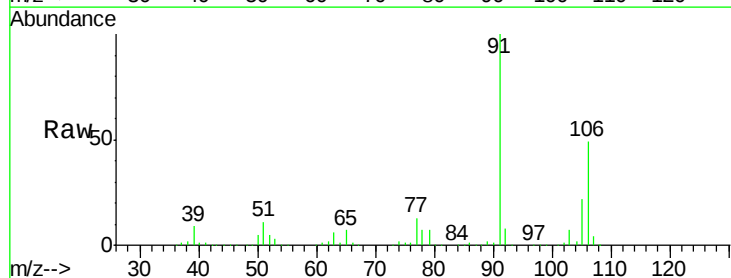
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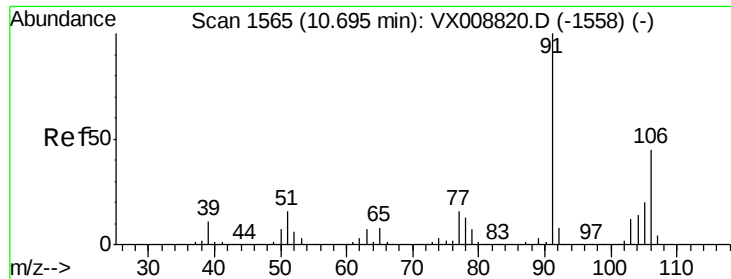
MMDadoda
4/11/2019 11:48:25 AM



#68
m/p-Xylenes
Concen: 35.309 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion: 106 Resp: 132550
Ion Ratio Lower Upper
106 100
91 208.9 168.5 252.7





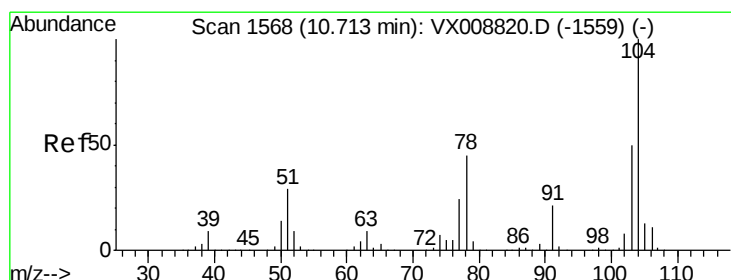
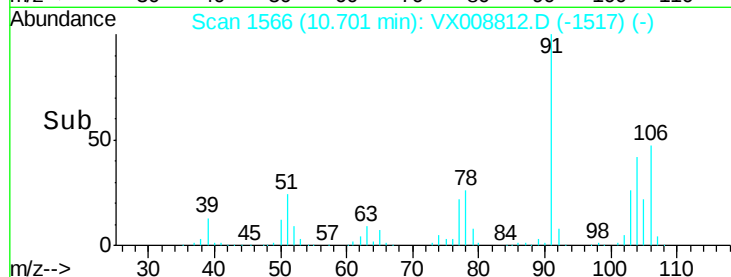
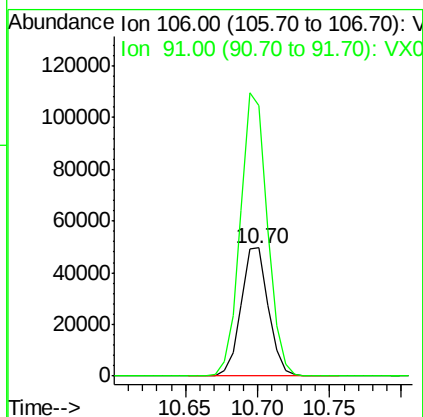
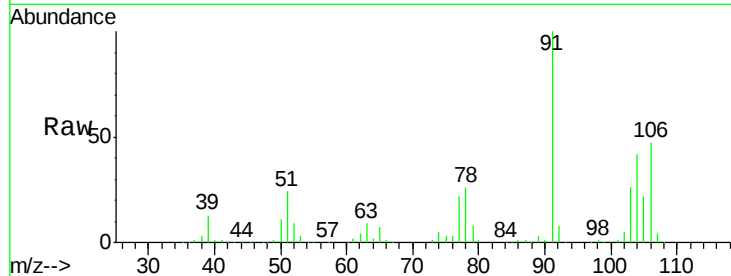
#69
o-Xylene
Concen: 17.924 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion:106 Resp: 65210
Ion Ratio Lower Upper
106 100
91 219.3 111.5 334.4

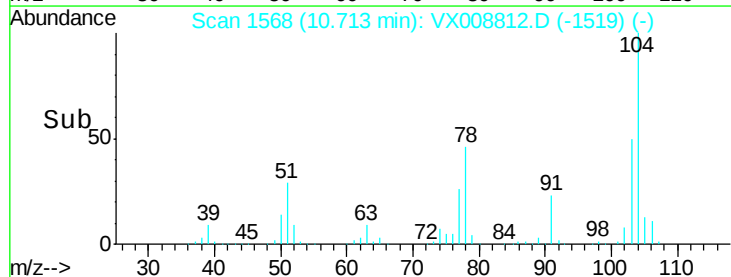
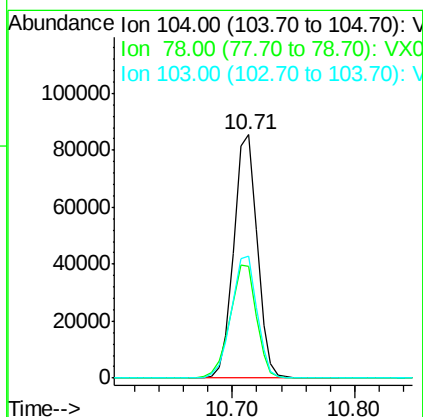
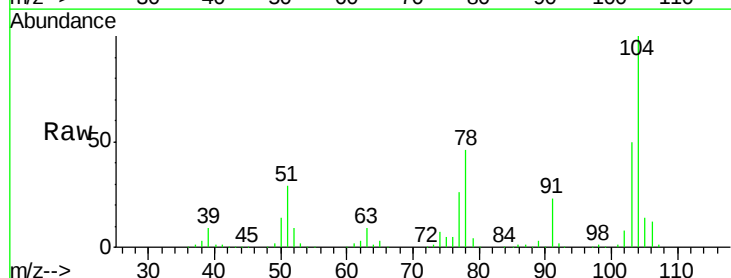
Manual Integrations
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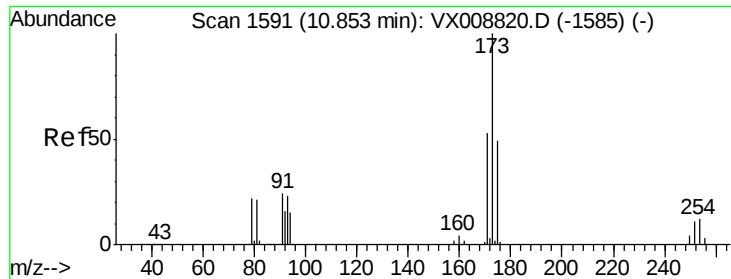
MMDadoda
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#70
Styrene
Concen: 17.986 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion:104 Resp: 112793
Ion Ratio Lower Upper
104 100
78 52.2 42.3 63.5
103 54.9 44.4 66.6





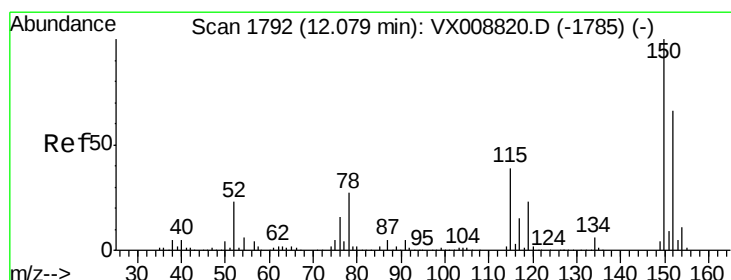
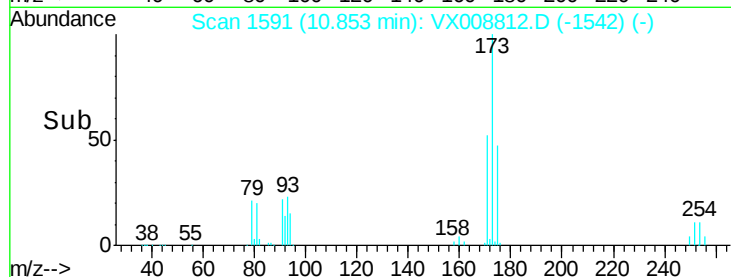
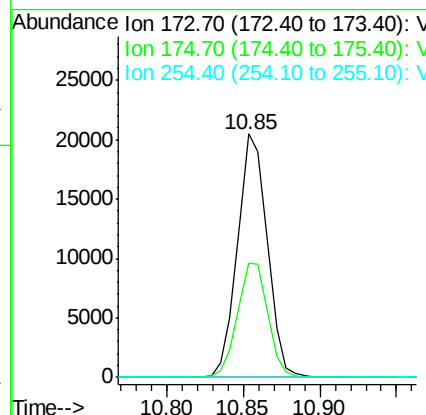
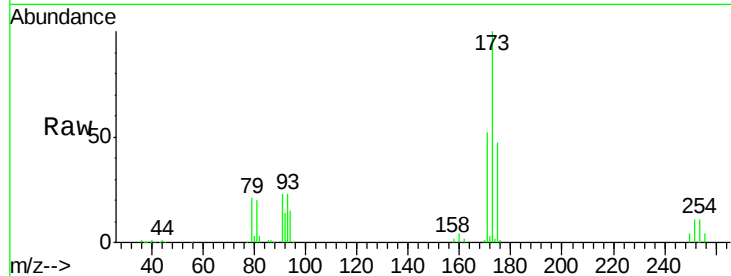
#71
Bromoform
Concen: 18.410 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1#

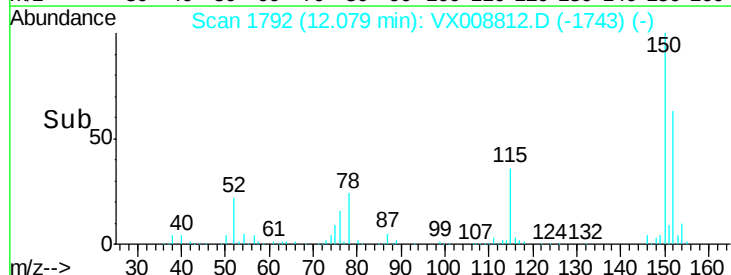
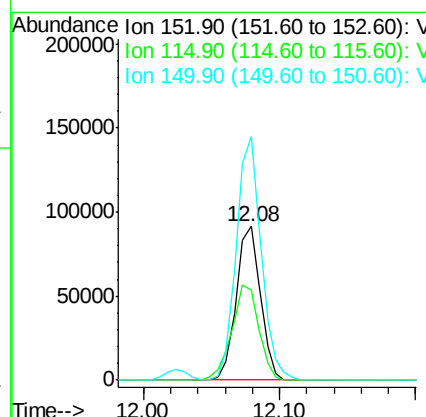
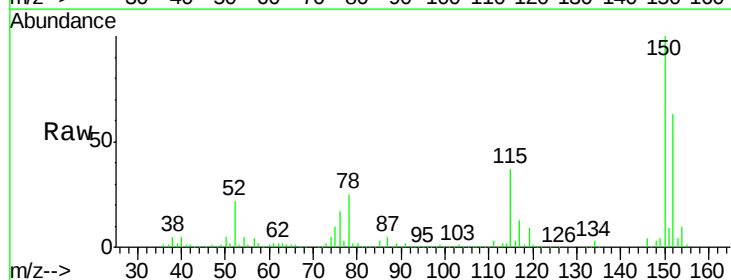
Manual Integrations
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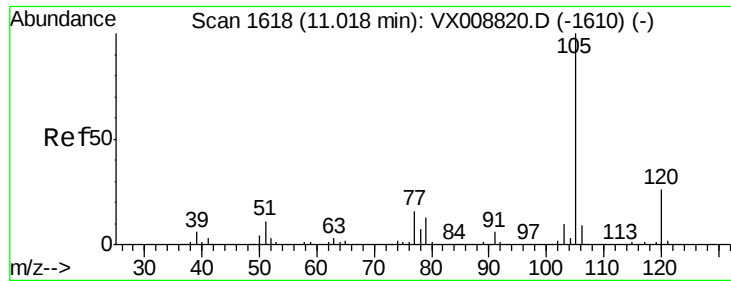
MMDadoda
4/11/2019 11:48:25 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.2	43.5	130.5
150	164.0	0.0	348.8





#73

Isopropylbenzene

Concen: 18.540 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 105 Resp: 173733

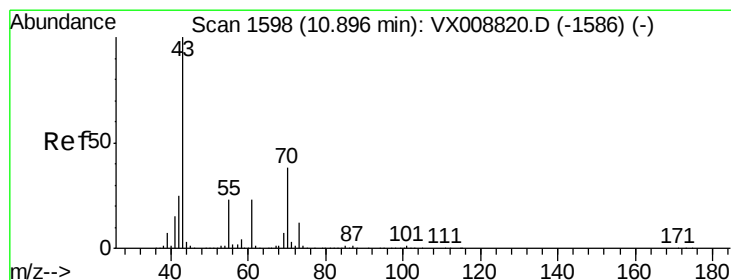
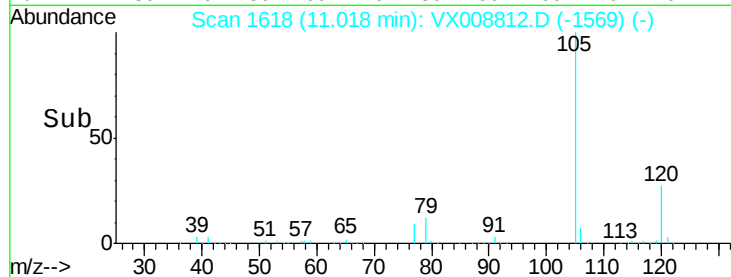
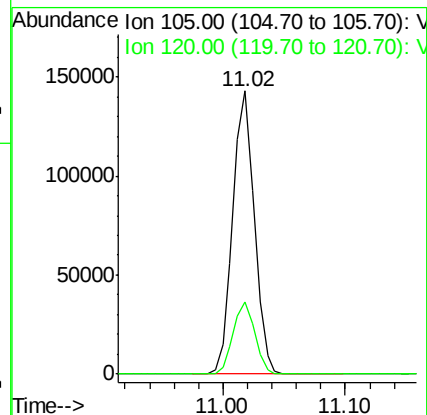
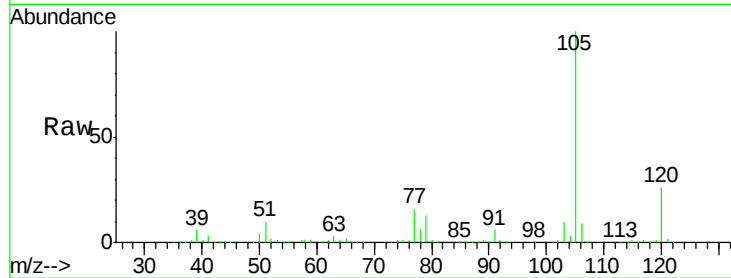
Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6

Manual Integrations
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4/11/2019 11:48:25 AM



#74

N-ethyl acetate

Concen: 18.415 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion: 43 Resp: 101526

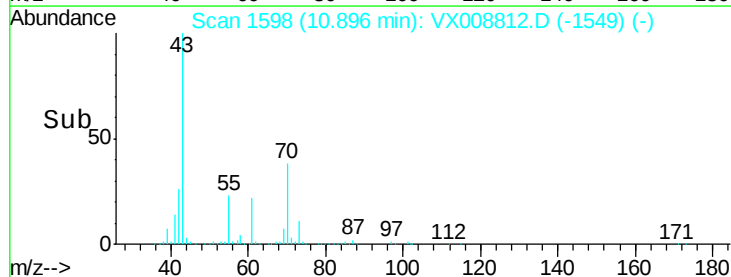
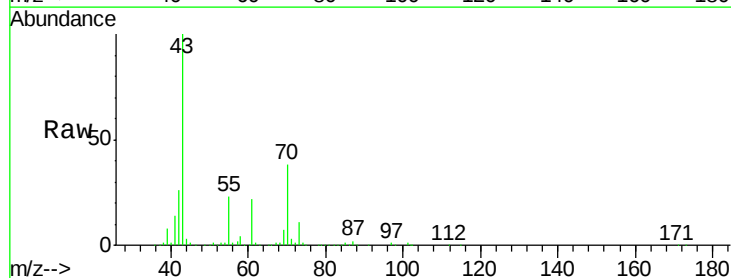
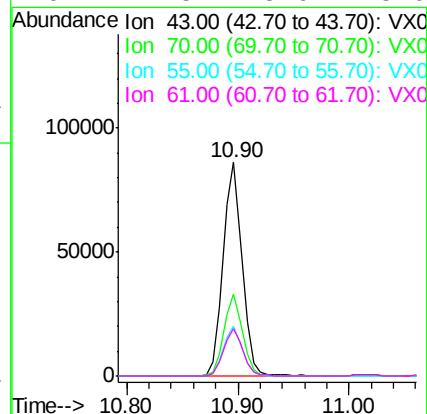
Ion Ratio Lower Upper

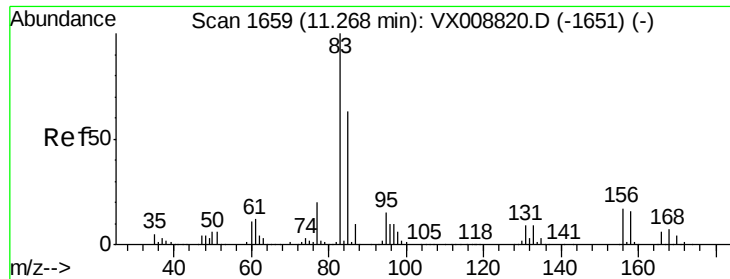
43 100

70 37.6 30.2 45.4

55 23.2 18.2 27.4

61 22.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.498 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

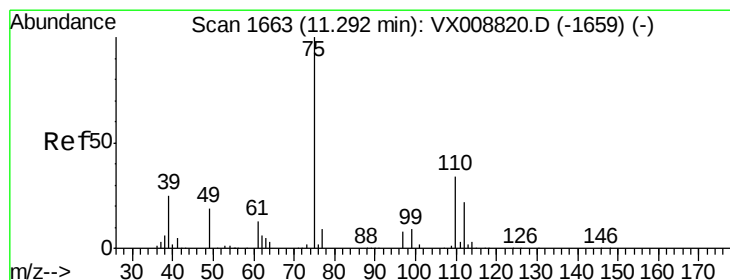
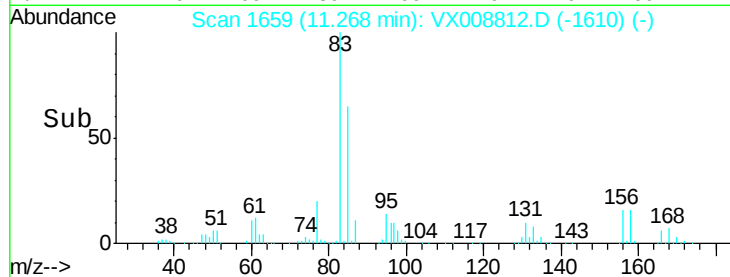
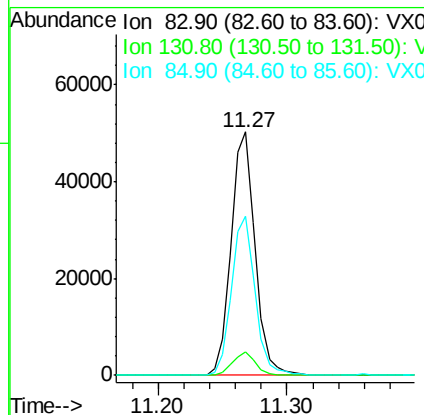
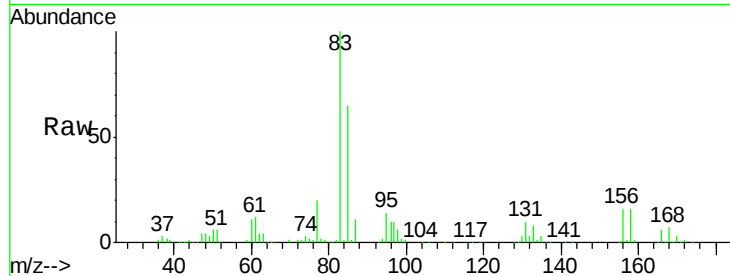
ClientSampleId :

VX0410WBSD01

Tot Ion:	83	Resp:	65923
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.5	13.7
85	64.6	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.426 ug/l m

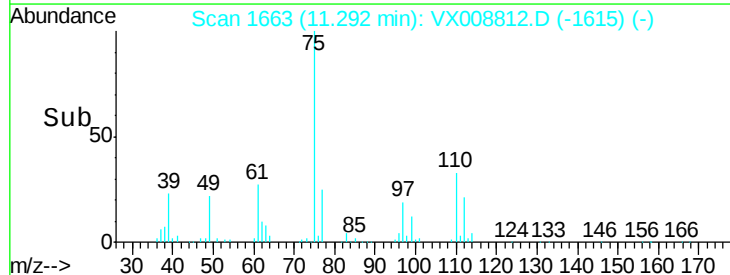
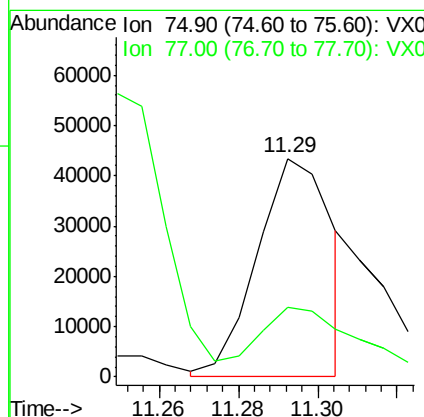
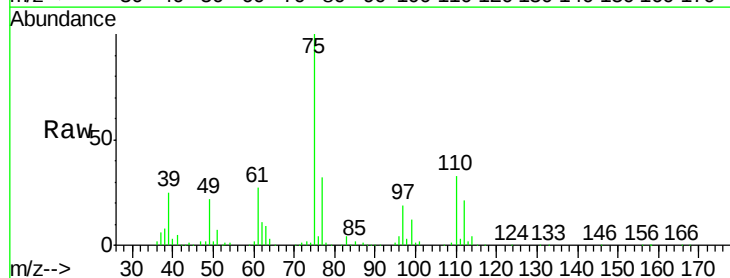
RT: 11.29 min Scan# 1663

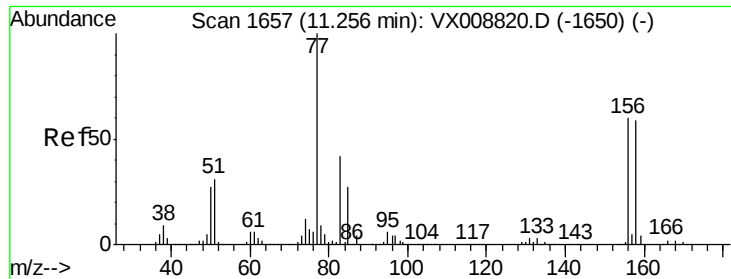
Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion:	75	Resp:	57235
Ion Ratio	Lower	Upper	
75	100		
77	42.6	22.3	66.8





#77

Bromobenzene

Concen: 18.517 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

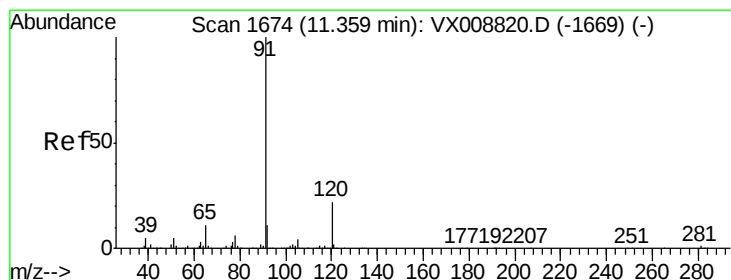
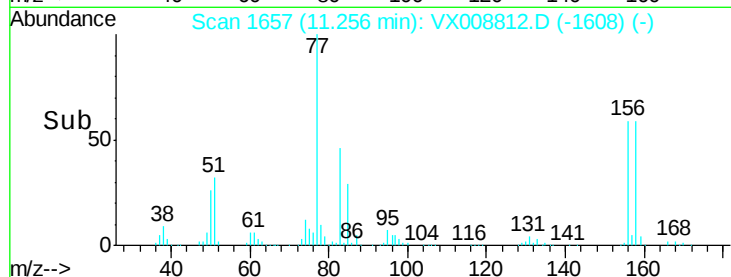
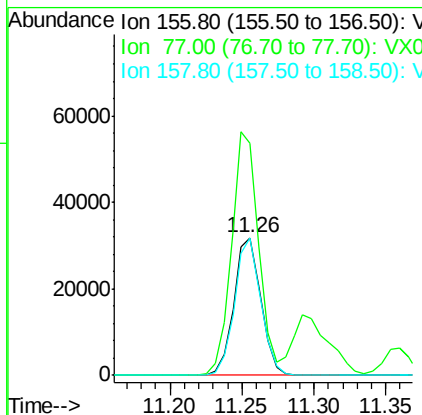
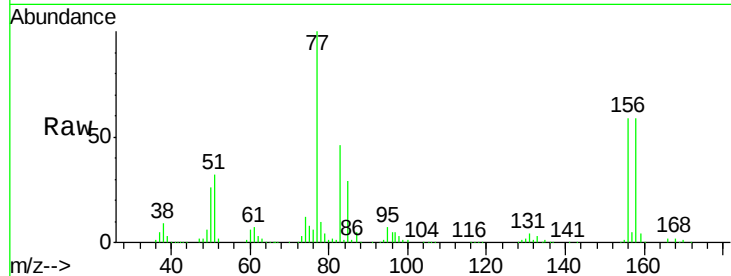
ClientSampleId :

VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.0	89.8	269.6
158	96.8	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 18.019 ug/l

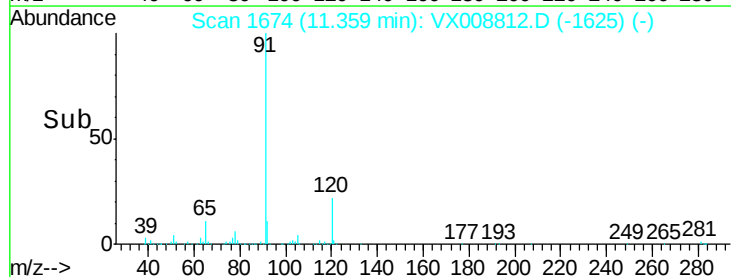
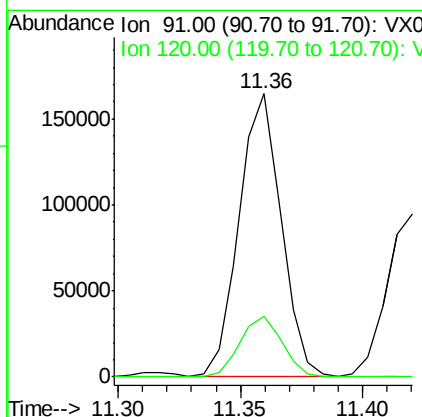
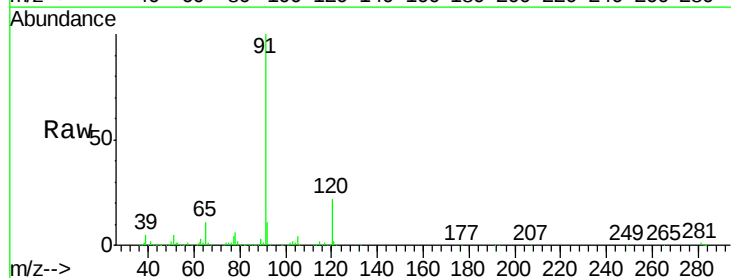
RT: 11.36 min Scan# 1674

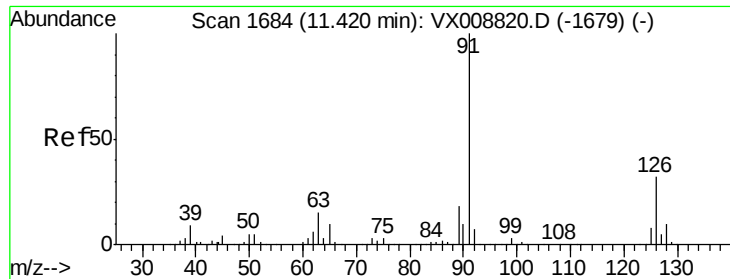
Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.9	32.7





#79

2-Chlorotoluene

Concen: 18.116 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampled :

VX0410WBSD01

Tot Ion: 91 Resp: 119616

Ion Ratio Lower Upper

91 100

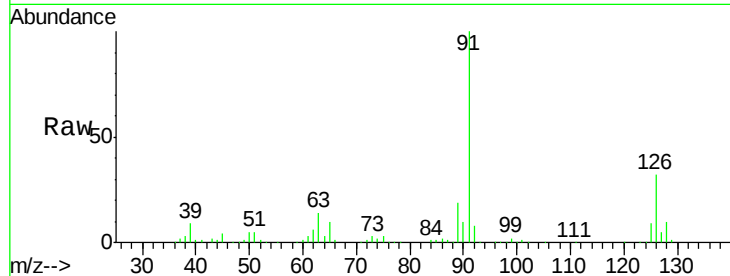
126 31.4 16.1 48.3

Manual Integrations

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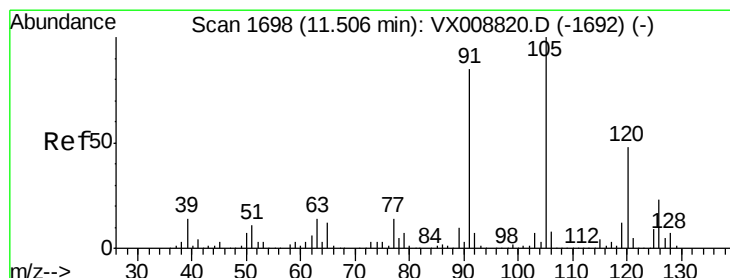
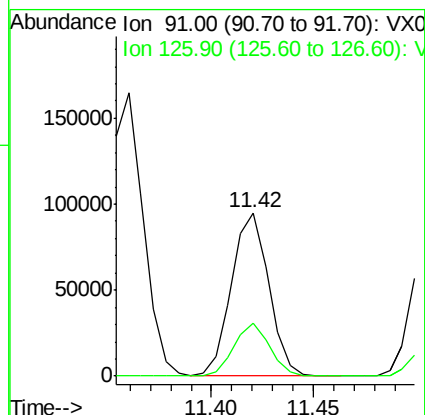
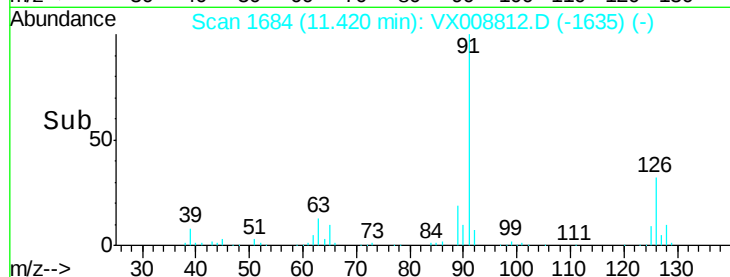
MMDadoda

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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: 18.714 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008812.D

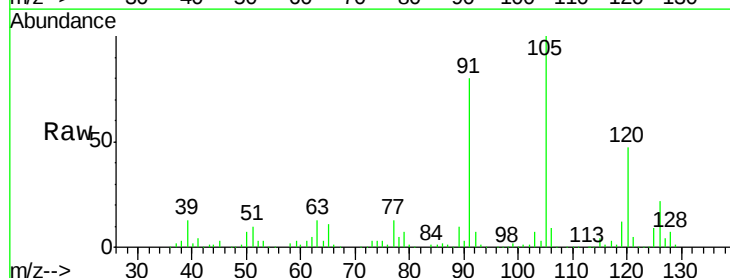
Acq: 10 Apr 2019 17:52

Tgt Ion:105 Resp: 147200

Ion Ratio Lower Upper

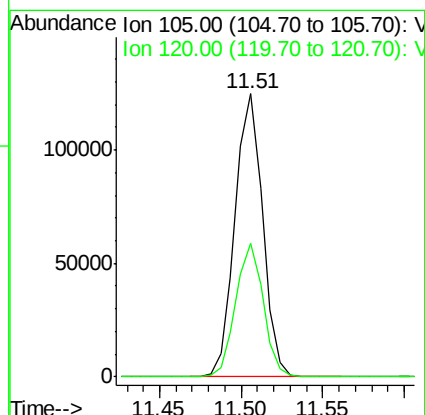
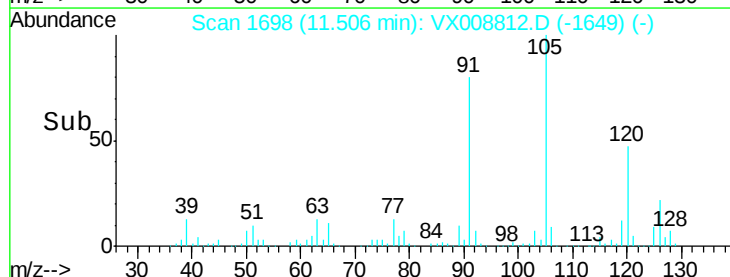
105 100

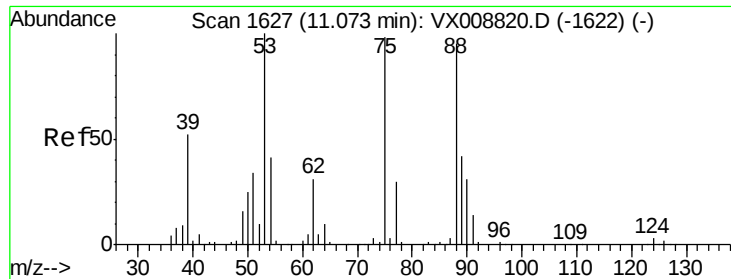
120 46.8 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





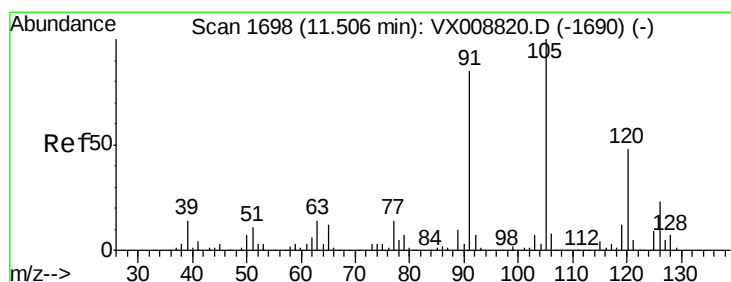
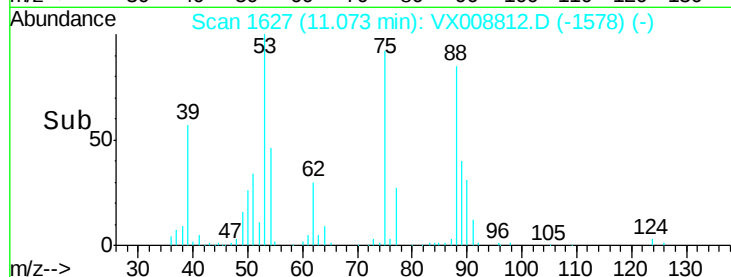
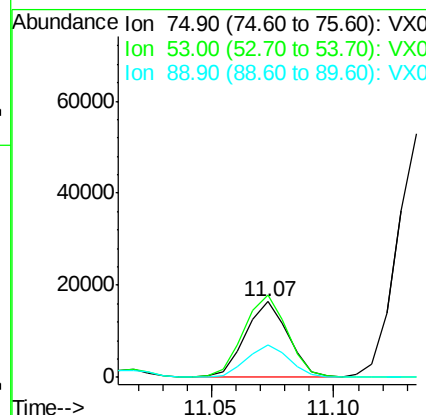
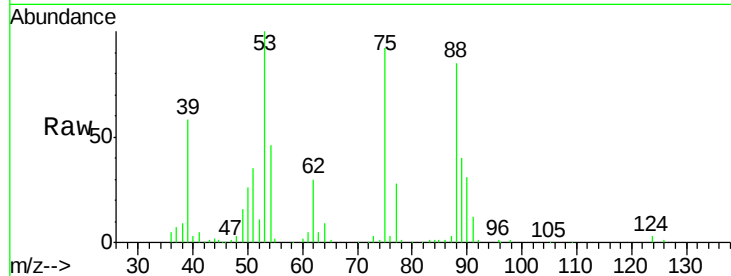
#81
trans-1,4-Dichloro-2-butene
Concen: 17.742 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampled :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.1	81.3	121.9
89	43.1	35.6	53.4

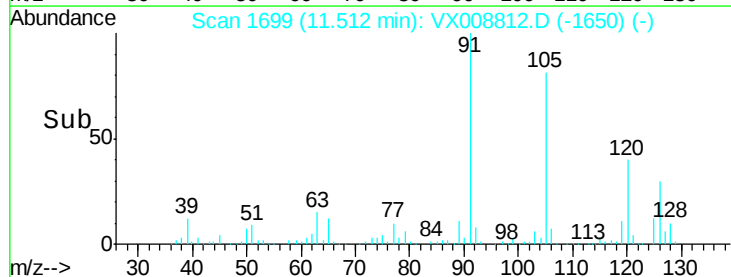
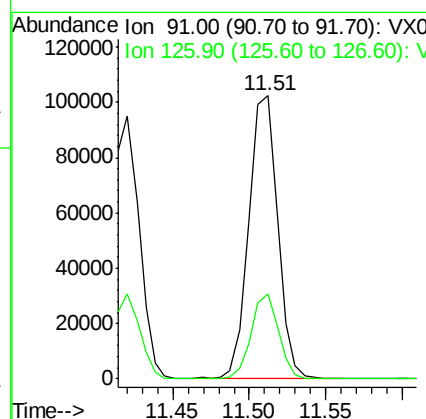
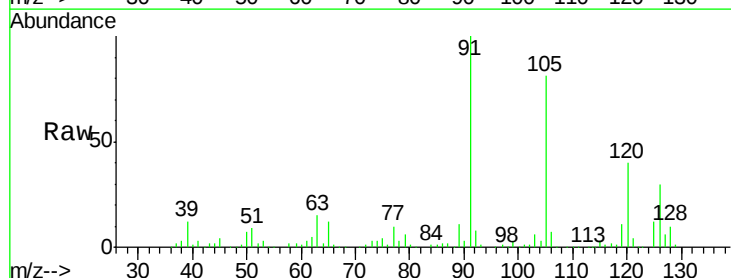
Manual Integrations
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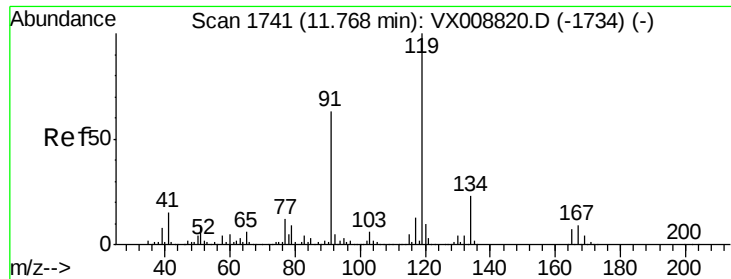
MMDadoda
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#82
4-Chlorotoluene
Concen: 17.544 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	13.9	41.6





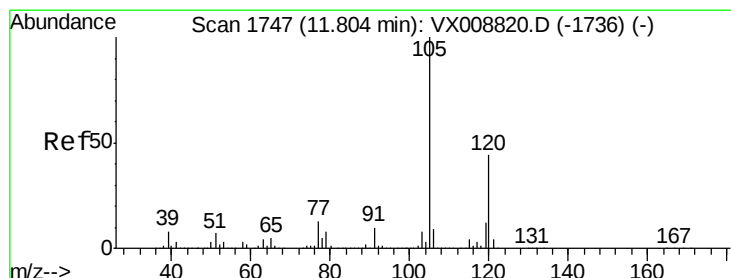
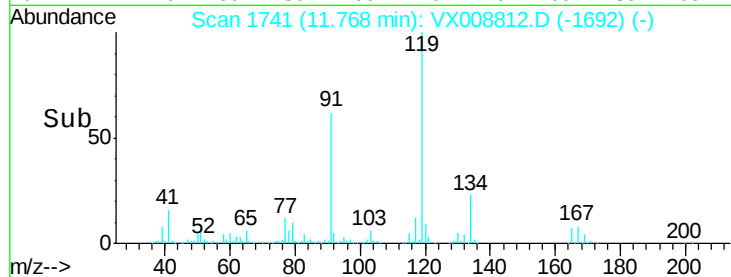
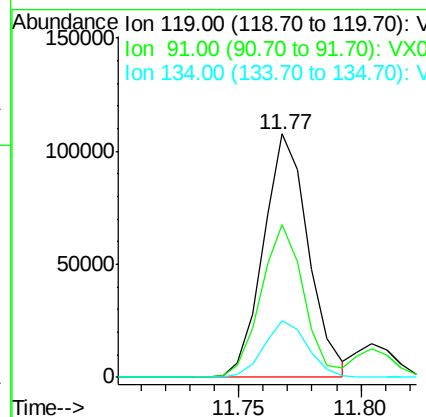
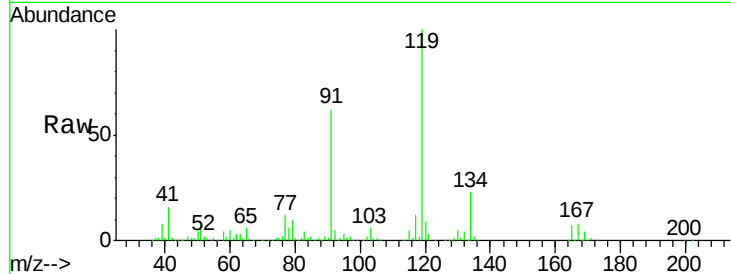
#83
tert-Butylbenzene
Concen: 18.324 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	138670		
91	60.1	30.0	90.1	
134	22.6	11.1	33.3	

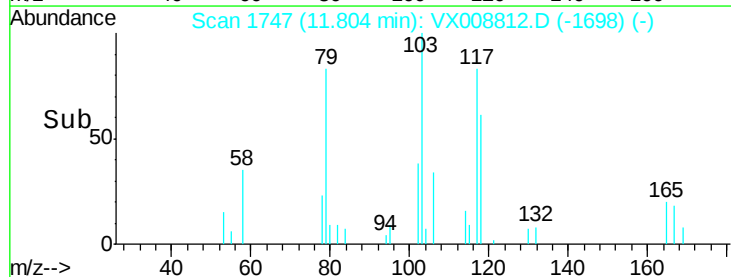
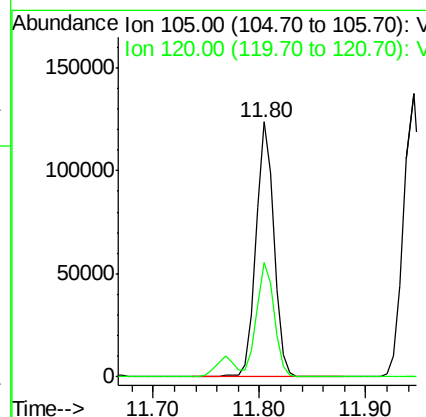
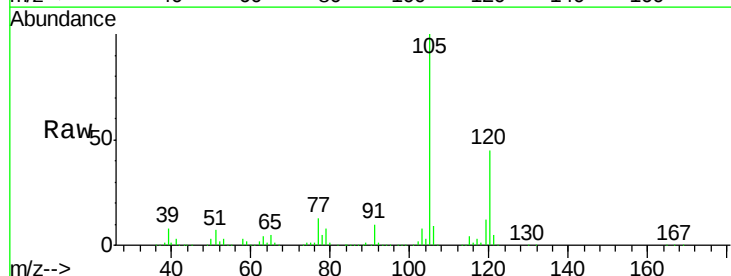
Manual Integrations
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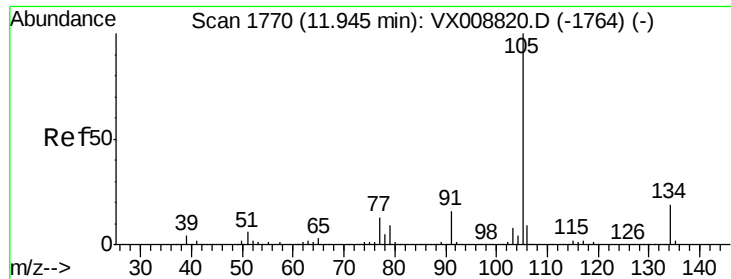
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#84
1,2,4-Trimethylbenzene
Concen: 18.420 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146707		
120	43.7	21.8	65.3	





#85

sec-Butylbenzene

Concen: 18.380 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion:105 Resp: 165218

Ion Ratio Lower Upper

105 100

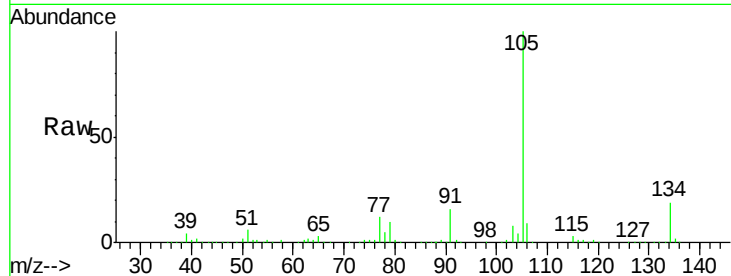
134 19.1 9.4 28.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

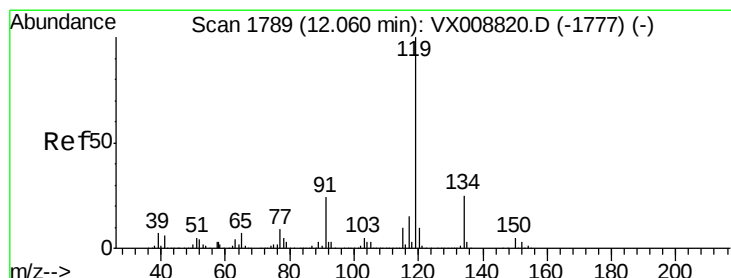
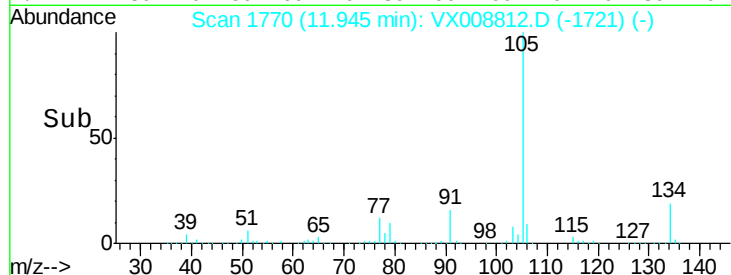
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.487 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

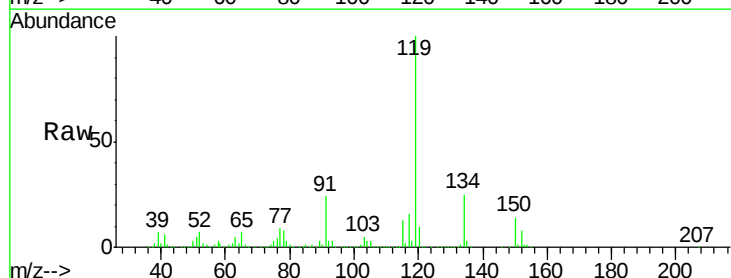
Tgt Ion:119 Resp: 149150

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 24.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

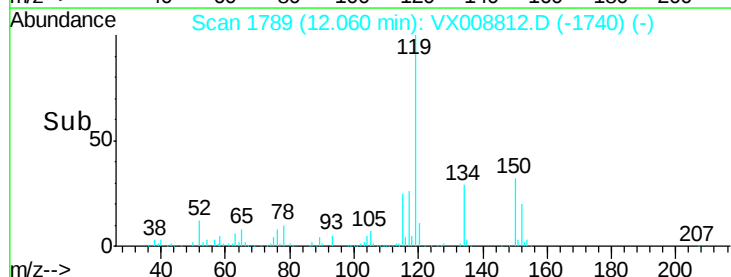
150000

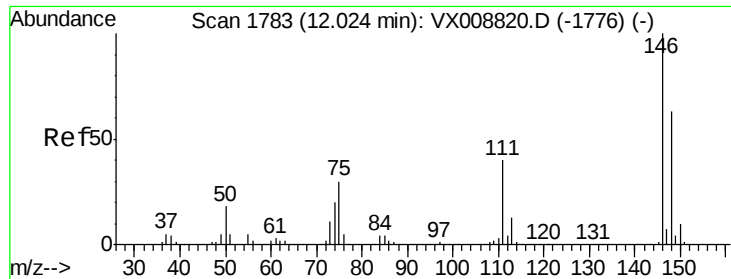
100000

50000

0

Time-->





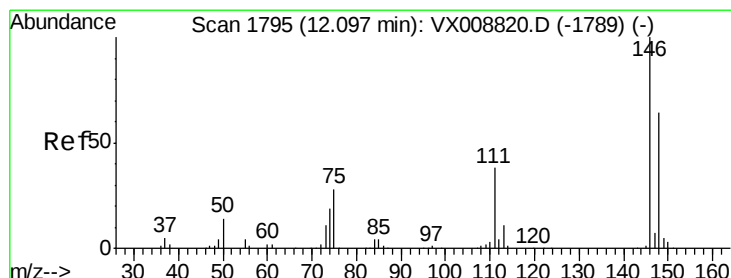
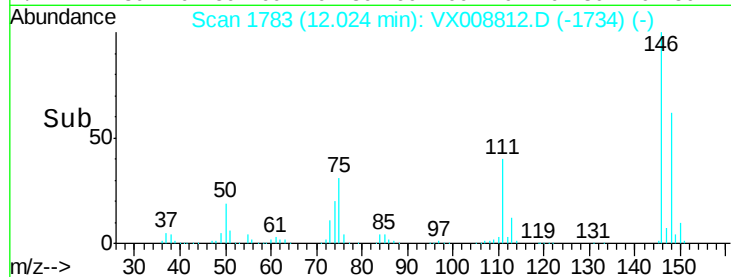
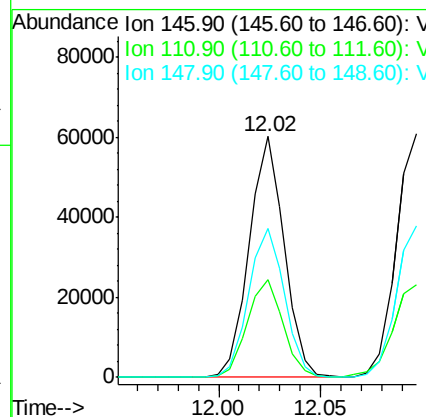
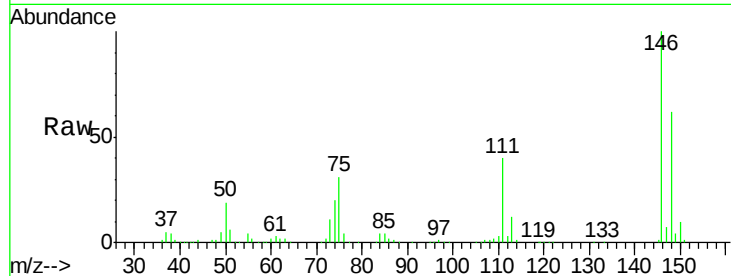
#87
 1,3-Dichlorobenzene
 Concen: 17.790 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	63.5	31.6	94.7

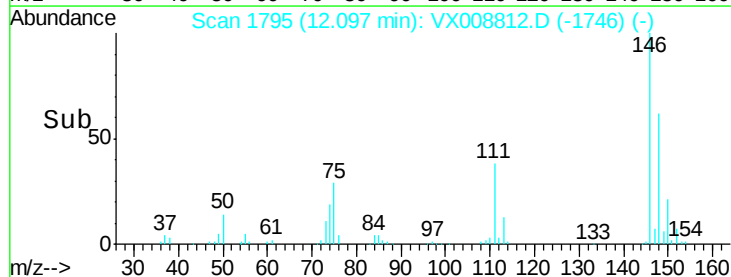
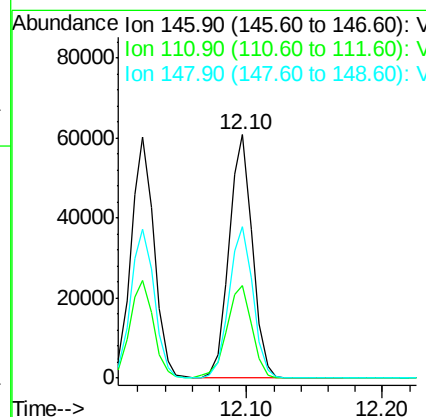
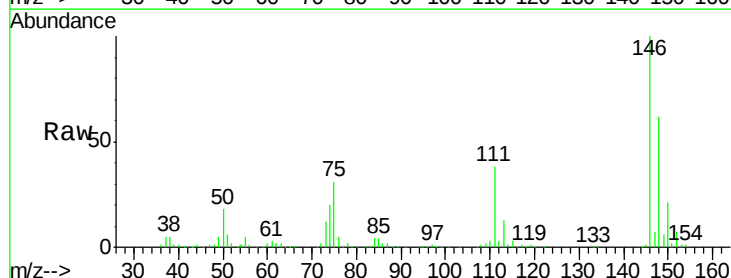
Manual Integrations
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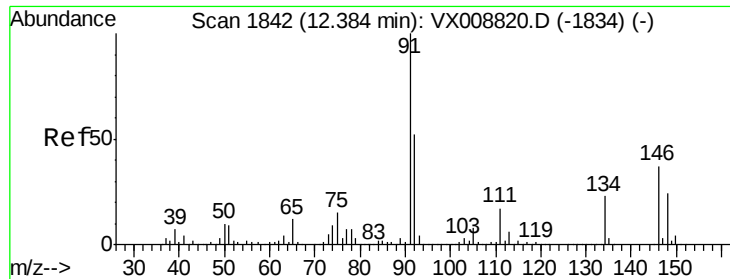
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#88
 1,4-Dichlorobenzene
 Concen: 17.656 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.2	60.6
148	64.0	32.0	96.0





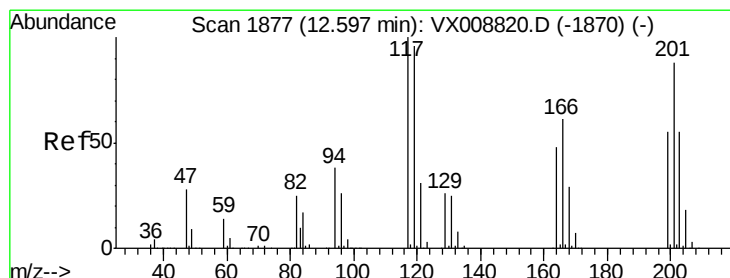
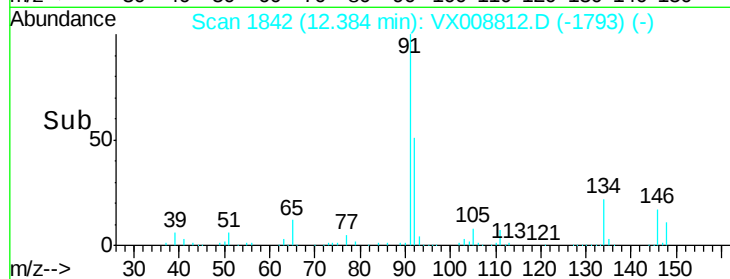
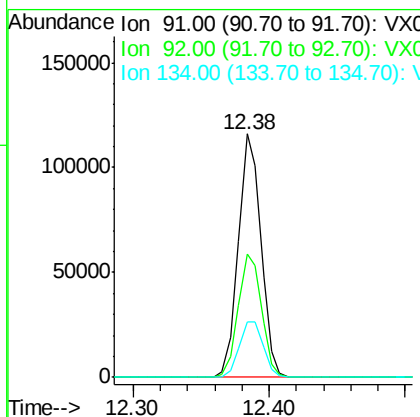
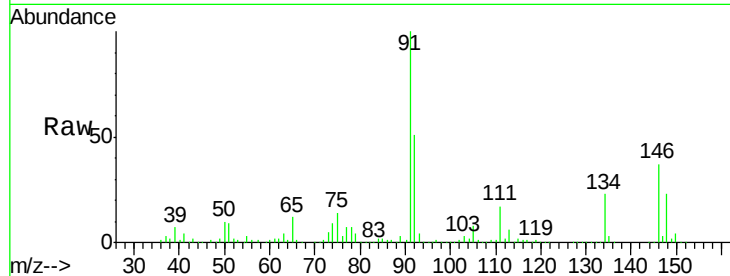
#89
n-Butylbenzene
Concen: 17.830 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.2
134	24.1	12.0	36.0

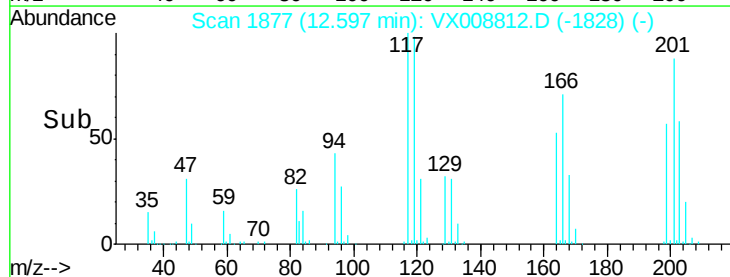
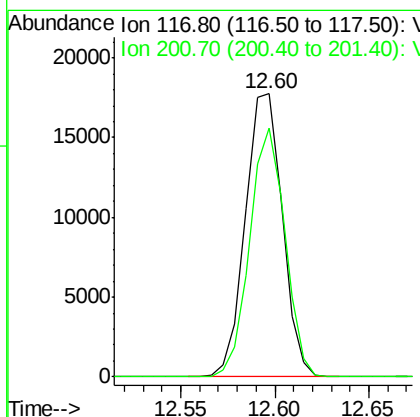
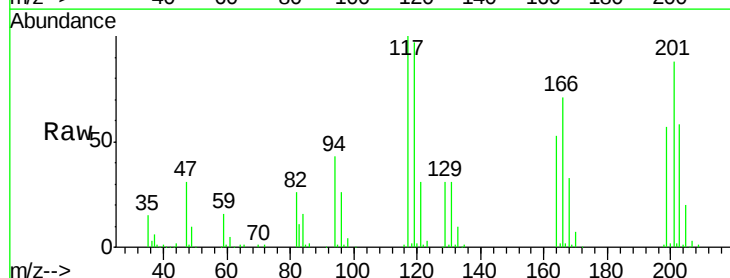
Manual Integrations
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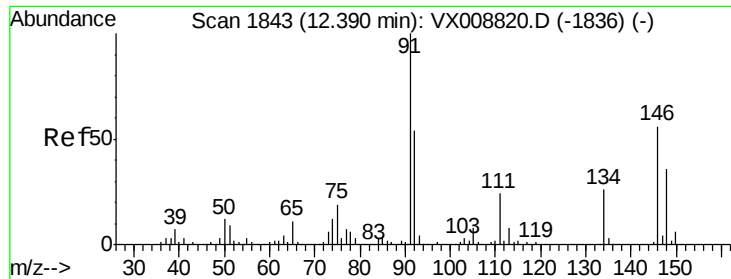
MMDadoda
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#90
Hexachloroethane
Concen: 18.124 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	40.6	122.0





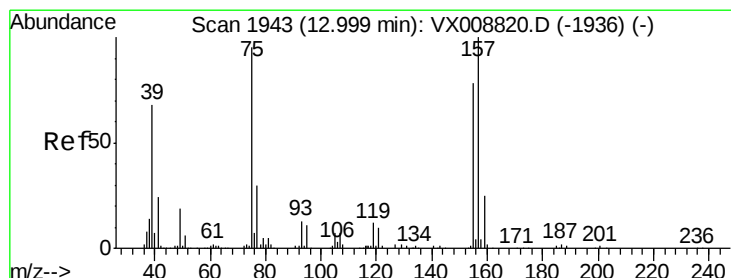
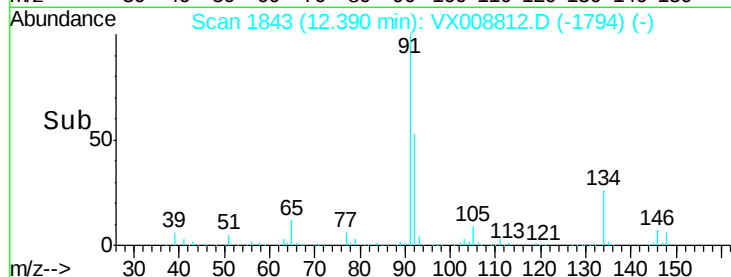
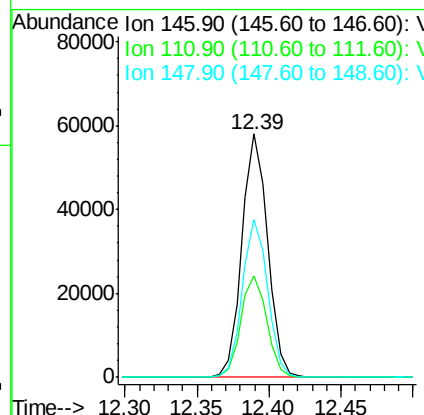
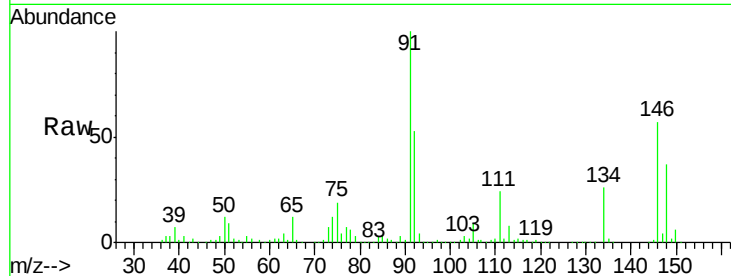
#91
 1,2-Dichlorobenzene
 Concen: 18.031 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	64.0	31.7	95.1

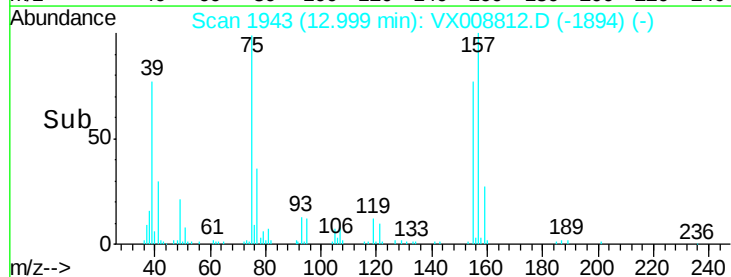
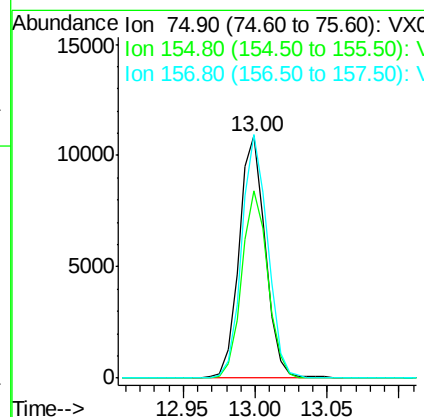
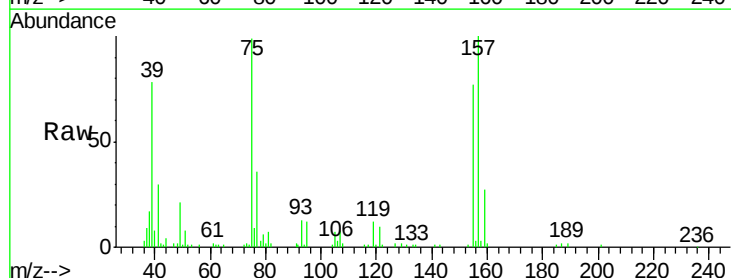
Manual Integrations
 APPROVED

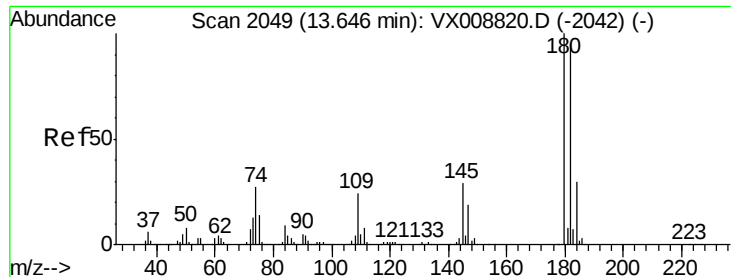
MMDadoda
 4/11/2019 11:48:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.635 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.5	39.9	119.6
157	99.2	51.5	154.7





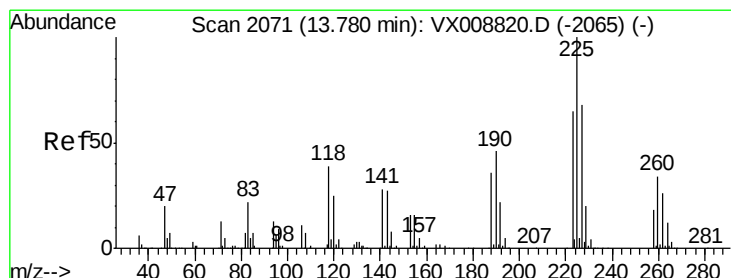
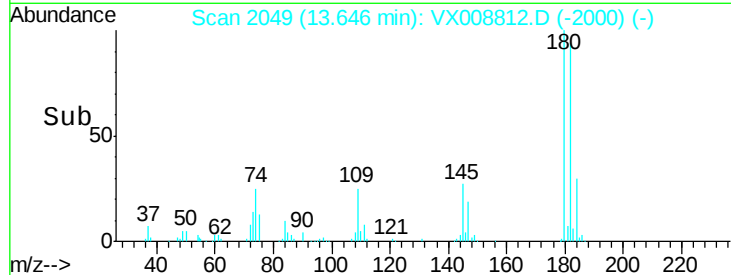
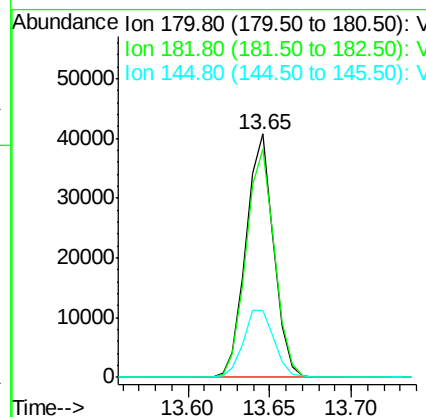
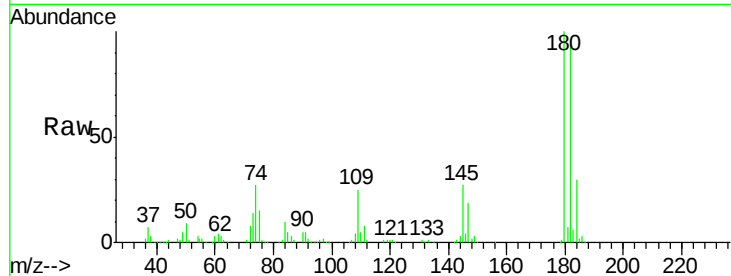
#93
 1,2,4-Trichlorobenzene
 Concen: 17.401 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion:	180	Resp:	48445
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.2	141.6
145	30.5	15.3	45.9

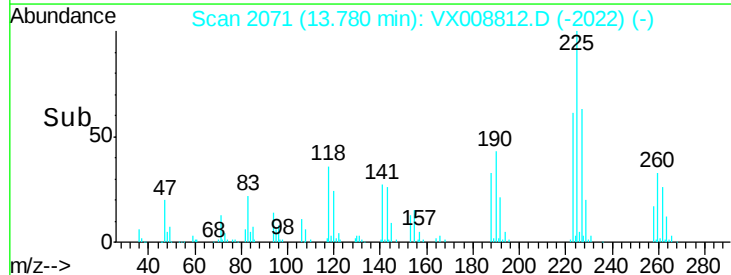
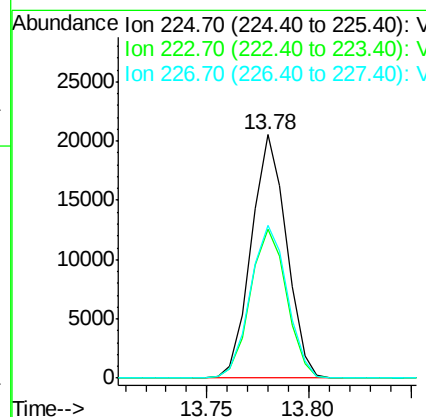
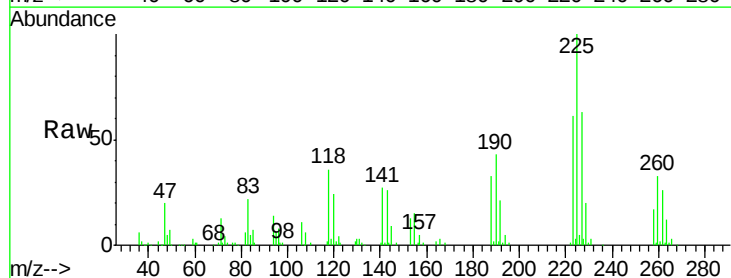
Manual Integrations
 APPROVED

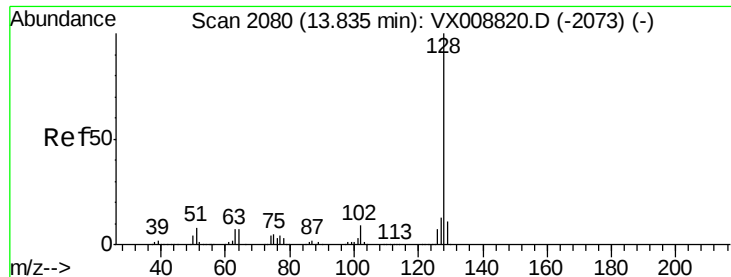
MMDadoda
 4/11/2019 11:48:25 AM



#94
 Hexachlorobutadiene
 Concen: 18.482 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion:	225	Resp:	24677
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.2	93.6
227	65.5	31.9	95.5





#95

Naphthalene

Concen: 17.982 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

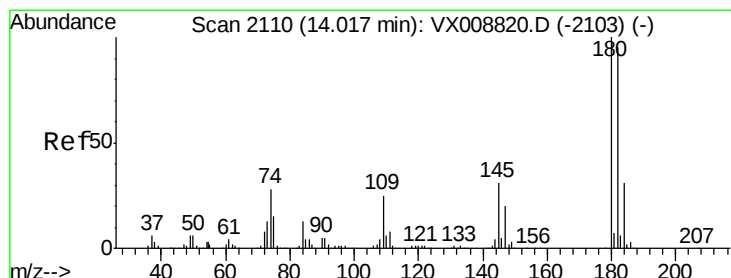
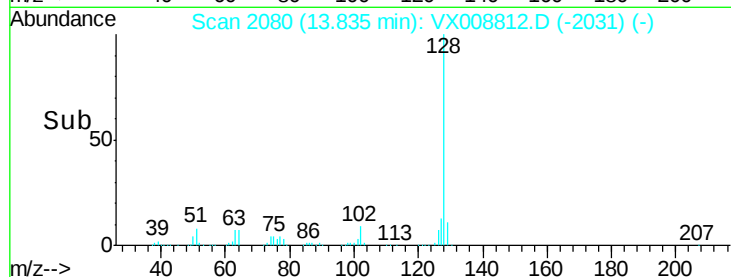
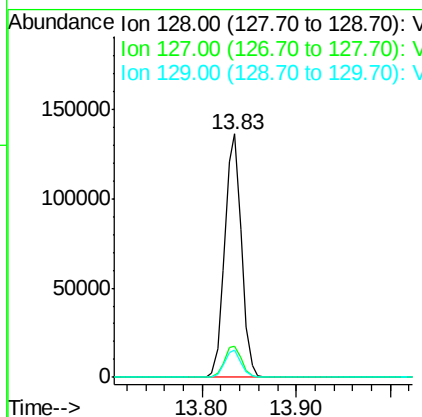
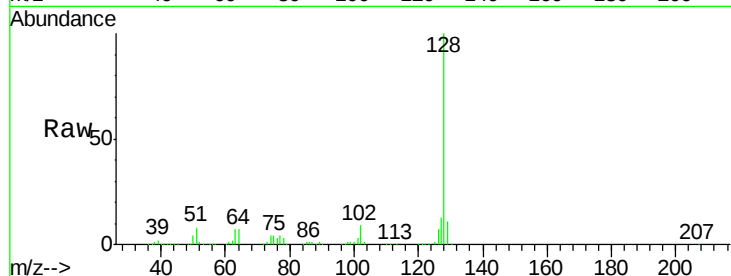
ClientSampleId :

VX0410WBSD01

Tot Ion:	128	Resp:	167319
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:48:25 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.942 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion:	180	Resp:	49909
Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.1	144.3
145	30.9	16.3	48.8

