

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008822.D
 Acq On : 10 Apr 2019 22:32
 Operator : JC/SP
 Sample : VX0410WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:48:27 AM

Quant Time: Apr 11 08:10:27 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	169575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113757	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
35) Dibromofluoromethane	5.50	113	83648	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	8.71	98	337886	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	11.13	95	120806	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	29417	15.071	ug/l 98
3) Chloromethane	1.32	50	44767	17.620	ug/l 100
4) Vinyl Chloride	1.41	62	41365	15.676	ug/l 97
5) Bromomethane	1.64	94	24546	20.057	ug/l 99
6) Chloroethane	1.72	64	25158	15.360	ug/l 98
7) Trichlorofluoromethane	1.93	101	47890	16.418	ug/l 98
8) Diethyl Ether	2.19	74	22876	16.538	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31114	16.568	ug/l 98
10) Methyl Iodide	2.51	142	27123	18.592	ug/l 100
11) Tert butyl alcohol	3.04	59	53706	92.750	ug/l 100
12) 1,1-Dichloroethene	2.37	96	32717	16.689	ug/l 99
13) Acrolein	2.29	56	35490	123.607	ug/l 99
14) Allyl chloride	2.73	41	74925	16.695	ug/l 99
15) Acrylonitrile	3.14	53	136384	88.908	ug/l 100
16) Acetone	2.44	43	116344	81.669	ug/l 98
17) Carbon Disulfide	2.57	76	89090	15.222	ug/l 98
18) Methyl Acetate	2.78	43	63912	18.498	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	126249	18.033	ug/l 100
20) Methylene Chloride	2.85	84	40609	17.030	ug/l 95
21) trans-1,2-Dichloroethene	3.17	96	35180	16.590	ug/l 98
22) Diisopropyl ether	3.85	45	156649	18.110	ug/l 92
23) Vinyl Acetate	3.81	43	671207	89.197	ug/l 98
24) 1,1-Dichloroethane	3.70	63	75083	17.532	ug/l 98
25) 2-Butanone	4.67	43	202221	89.813	ug/l 99
26) 2,2-Dichloropropane	4.58	77	44267	14.675	ug/l 97
27) cis-1,2-Dichloroethene	4.60	96	41930	17.198	ug/l 98
28) Bromochloromethane	5.01	49	37209	18.918	ug/l 99
29) Tetrahydrofuran	5.13	42	133245	89.161	ug/l 100
30) Chloroform	5.21	83	68373	17.874	ug/l 96
31) Cyclohexane	5.58	56	69721	16.315	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	55083	17.820	ug/l 99
36) 1,1-Dichloropropene	5.80	75	50513	16.421	ug/l 98
37) Ethyl Acetate	4.84	43	75614	18.416	ug/l 98
38) Carbon Tetrachloride	5.78	117	44051	17.303	ug/l 98

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Manual Integrations
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MMDadoda
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 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)
39) Methylcyclohexane	7.46	83	60241	15.853	ug/l	99
40) Benzene	6.14	78	161027	17.572	ug/l	100
41) Methacrylonitrile	5.04	41	42410	17.970	ug/l	99
42) 1,2-Dichloroethane	6.19	62	58120	17.691	ug/l	100
43) Isopropyl Acetate	6.45	43	116690	18.143	ug/l	100
44) Trichloroethene	7.21	130	37010	17.340	ug/l	100
45) 1,2-Dichloropropane	7.51	63	45822	17.519	ug/l	99
46) Dibromomethane	7.66	93	25842	17.035	ug/l	98
47) Bromodichloromethane	7.90	83	51323	17.943	ug/l	97
48) Methyl methacrylate	7.77	41	58871	18.094	ug/l	99
49) 1,4-Dioxane	7.74	88	22523	369.544	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	395329	95.481	ug/l	100
52) Toluene	8.79	92	96786	17.915	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54802	17.104	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62715	17.130	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	39599	18.260	ug/l	98
56) Ethyl methacrylate	9.18	69	72065	18.366	ug/l	99
57) 1,3-Dichloropropane	9.37	76	70941	18.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	190028	94.846	ug/l	99
59) 2-Hexanone	9.49	43	300752	93.468	ug/l	100
60) Dibromochloromethane	9.58	129	37147	18.178	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39637	17.557	ug/l	97
64) Tetrachloroethene	9.33	164	33559	17.918	ug/l	98
65) Chlorobenzene	10.13	112	98858	17.642	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34727	17.665	ug/l	98
67) Ethyl Benzene	10.25	91	182617	17.477	ug/l	100
68) m/p-Xylenes	10.36	106	130596	34.761	ug/l	100
69) o-Xylene	10.69	106	64902	17.826	ug/l	99
70) Styrene	10.71	104	112362	17.903	ug/l	99
71) Bromoform	10.85	173	27091	18.044	ug/l #	97
73) Isopropylbenzene	11.02	105	170041	17.930	ug/l	100
74) N-amyl acetate	10.90	43	101031	18.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	64579	17.905	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	55975m	17.806	ug/l	
77) Bromobenzene	11.26	156	41751	18.313	ug/l	98
78) n-propylbenzene	11.36	91	194708	17.633	ug/l	100
79) 2-Chlorotoluene	11.42	91	118786	17.776	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	143519	18.029	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18832	16.513	ug/l	92
82) 4-Chlorotoluene	11.51	91	133785	17.296	ug/l	99
83) tert-Butylbenzene	11.77	119	135590	17.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145355	18.033	ug/l	100
85) sec-Butylbenzene	11.94	105	161208	17.721	ug/l	100
86) p-Isopropyltoluene	12.06	119	145120	17.773	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	71080	17.415	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	71093	17.202	ug/l	98
89) n-Butylbenzene	12.38	91	129653	16.932	ug/l	99
90) Hexachloroethane	12.60	117	23577	17.409	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	73609	18.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13856	17.464	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

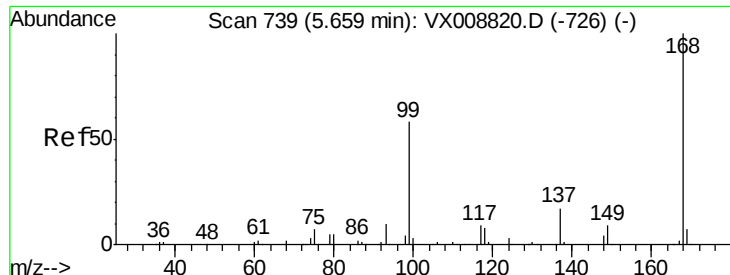
Manual Integrations
APPROVED

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4/11/2019 11:48:27 AM

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	49160	17.448	ug/l	99
94) Hexachlorobutadiene	13.78	225	24267	17.959	ug/l	99
95) Naphthalene	13.83	128	166369	17.667	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	49717	17.661	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: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion:168 Resp: 169575

Ion Ratio Lower Upper

168 100

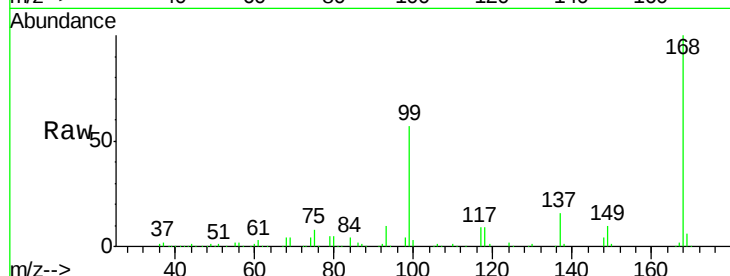
99 56.9 46.7 70.1

Manual Integrations

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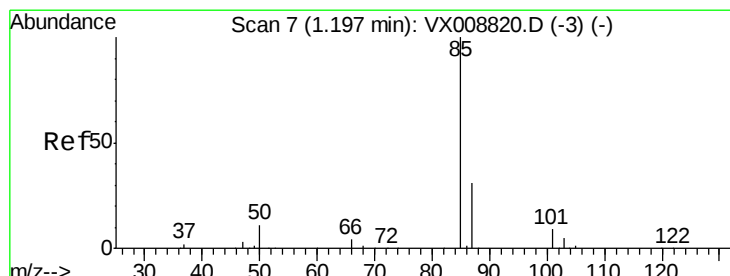
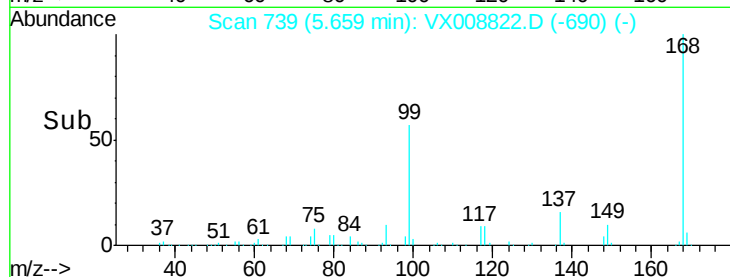
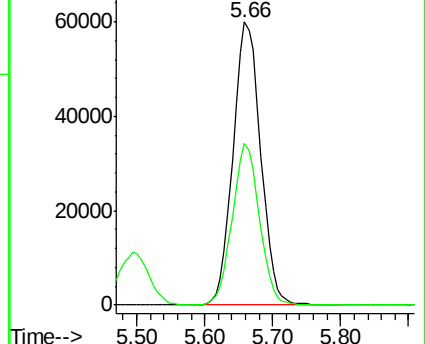
MMDadoda

4/11/2019 11:48:27 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.071 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008822.D

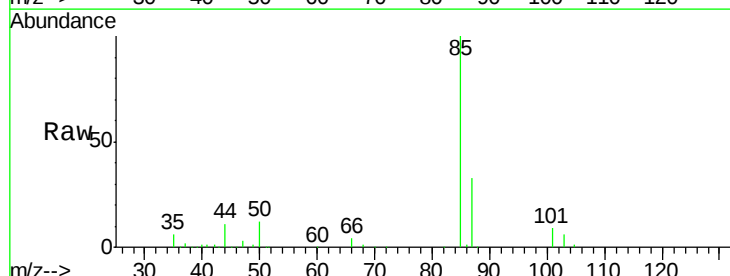
Acq: 10 Apr 2019 22:32

Tgt Ion: 85 Resp: 29417

Ion Ratio Lower Upper

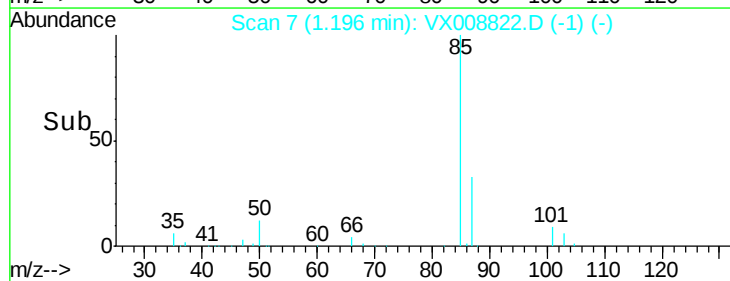
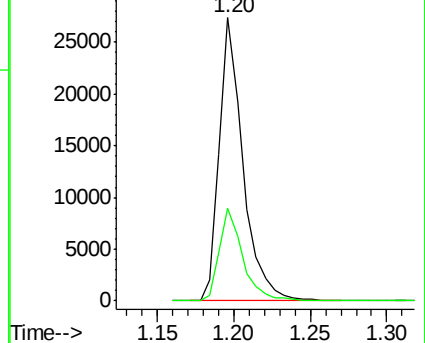
85 100

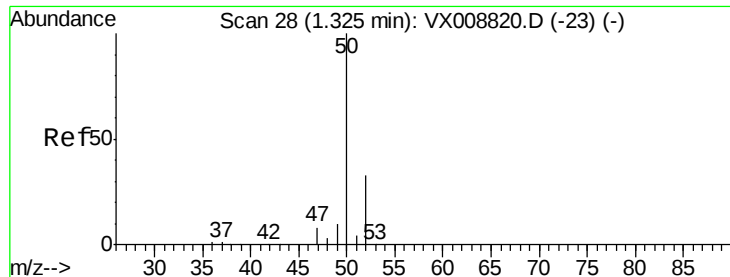
87 32.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.620 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion: 50 Resp: 44767

Ion Ratio Lower Upper

50 100

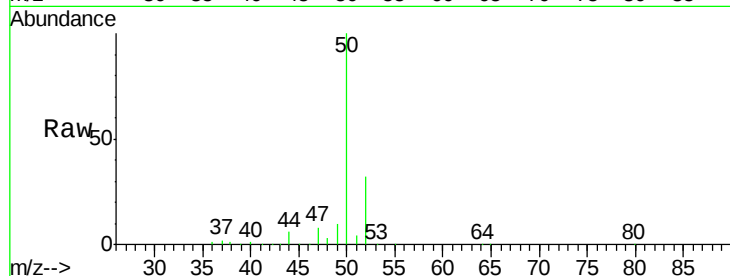
52 32.1 25.8 38.8

Manual Integrations

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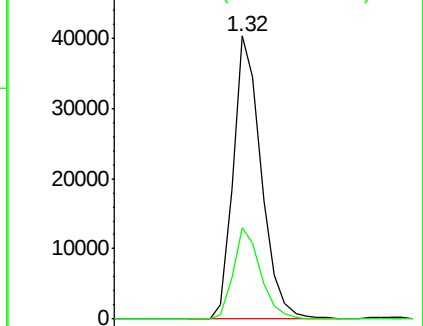
MMDadoda

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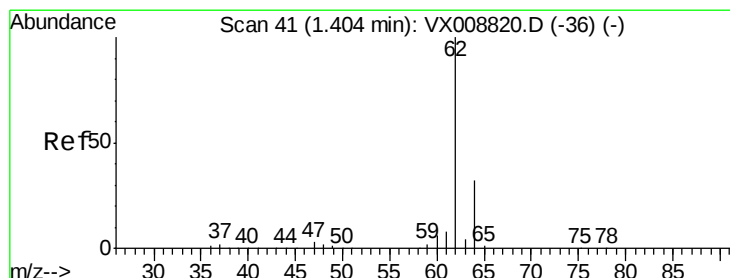
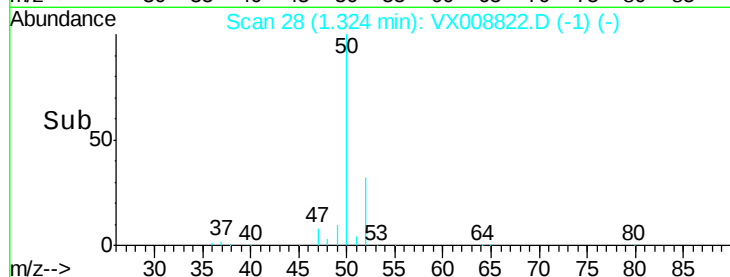


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 15.676 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008822.D

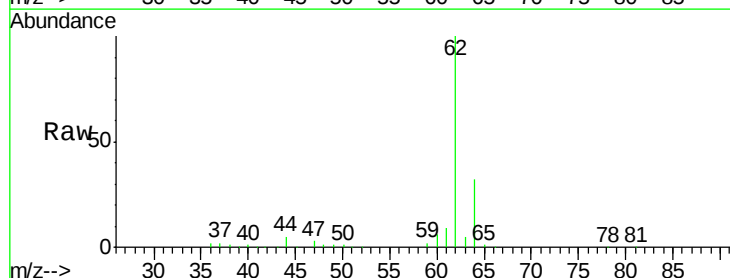
Acq: 10 Apr 2019 22:32

Tgt Ion: 62 Resp: 41365

Ion Ratio Lower Upper

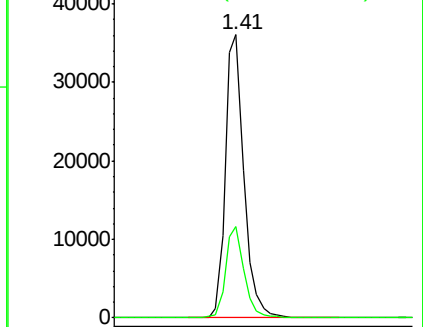
62 100

64 32.4 24.7 37.1

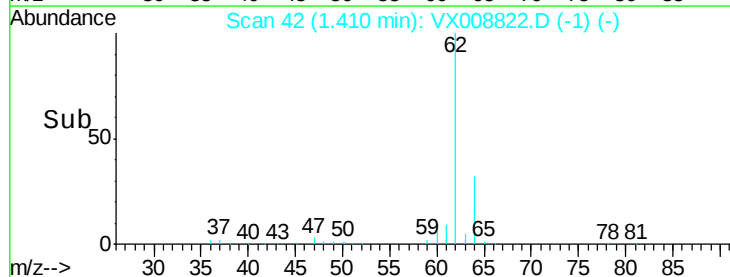


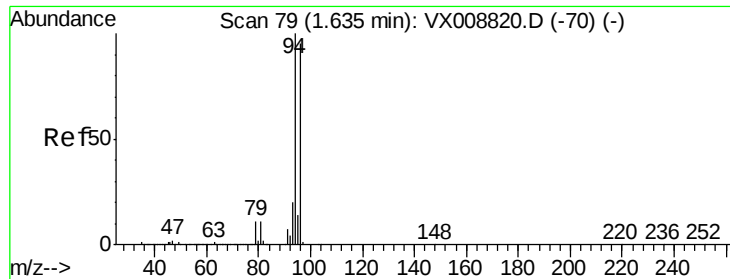
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 20.057 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion: 94 Resp: 24546

Ion Ratio Lower Upper

94 100

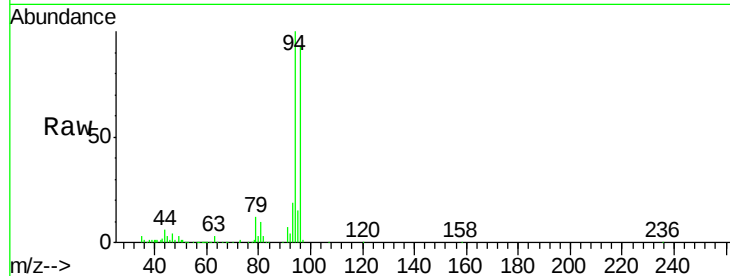
96 93.3 75.2 112.8

Manual Integrations

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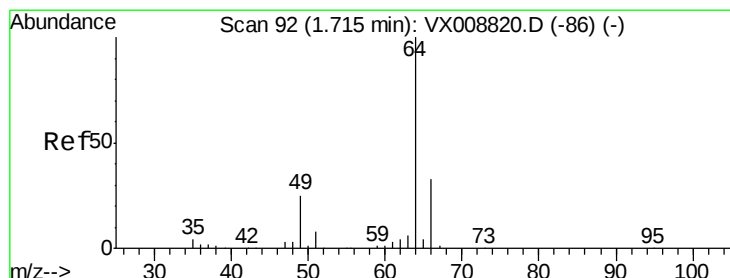
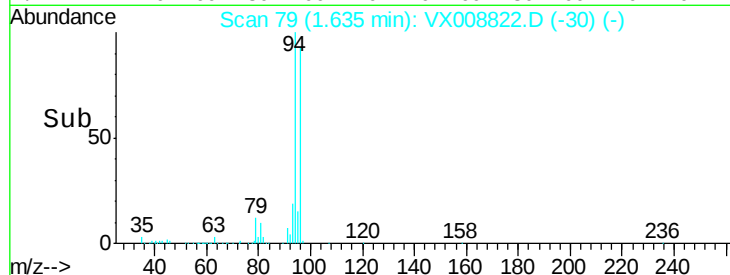
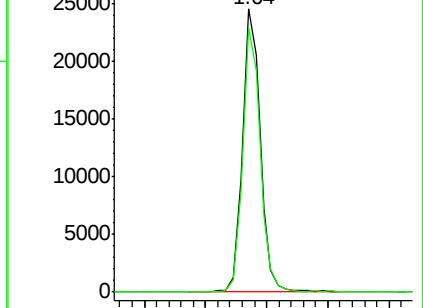
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 15.360 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008822.D

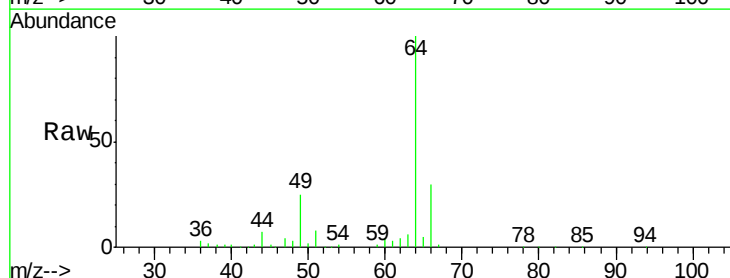
Acq: 10 Apr 2019 22:32

Tgt Ion: 64 Resp: 25158

Ion Ratio Lower Upper

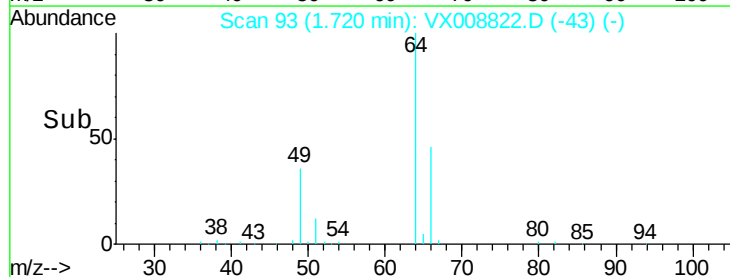
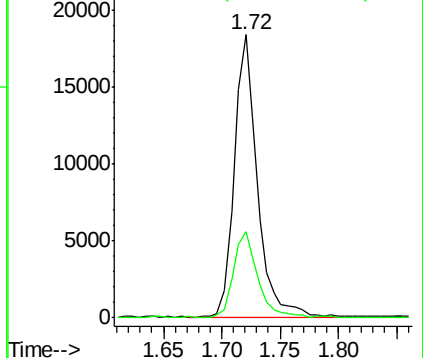
64 100

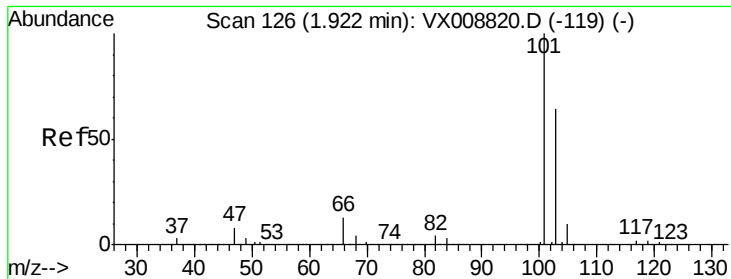
66 30.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

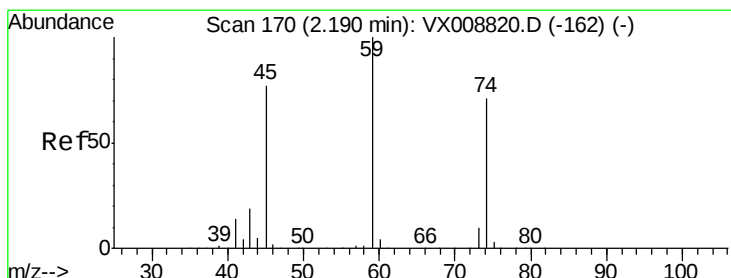
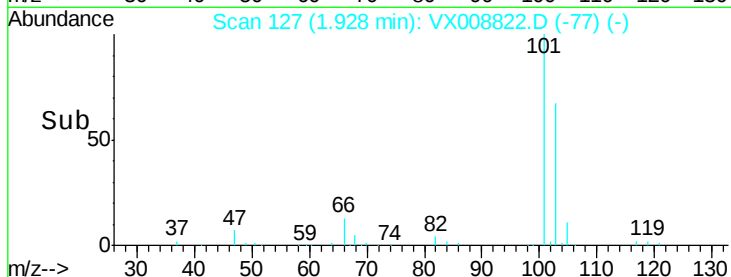
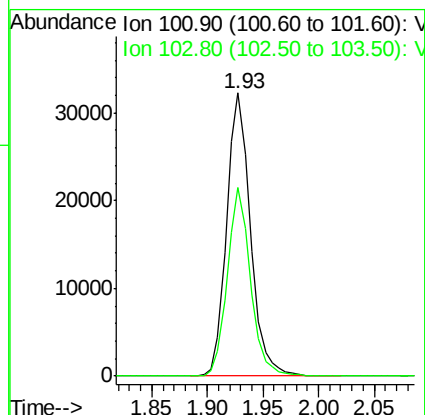
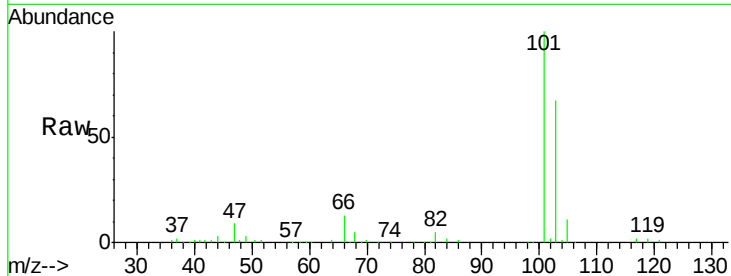
Trichlorofluoromethane
Concen: 16.418 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion:101 Resp: 47890
Ion Ratio Lower Upper
101 100
103 66.7 52.3 78.5

Manual Integrations
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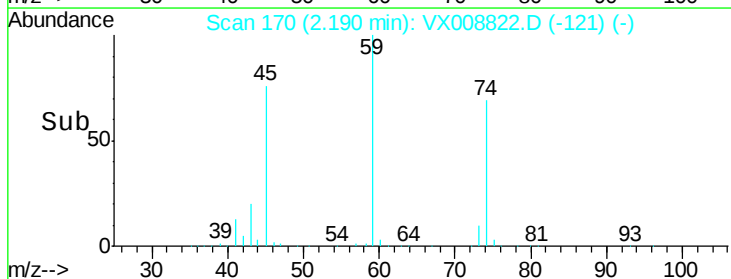
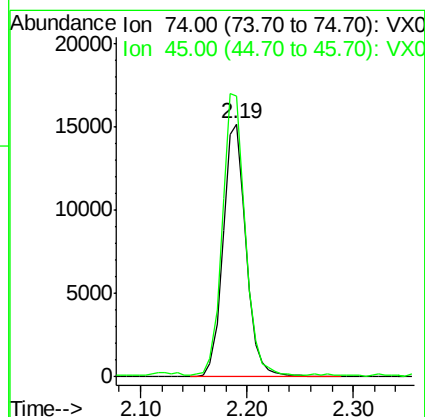
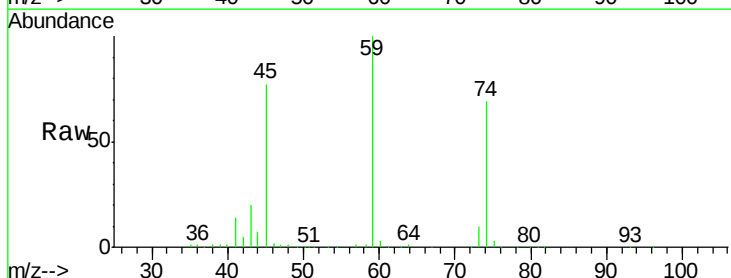
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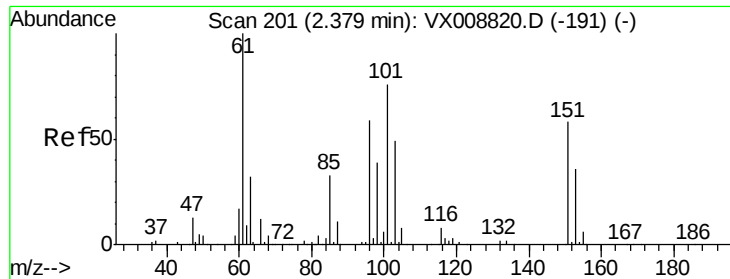


#8

Diethyl Ether
Concen: 16.538 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 74 Resp: 22876
Ion Ratio Lower Upper
74 100
45 111.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.568 ug/l

RT: 2.38 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

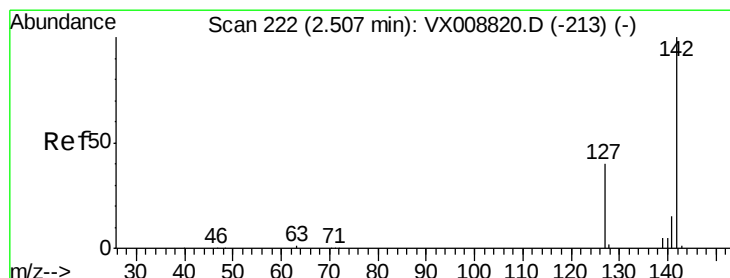
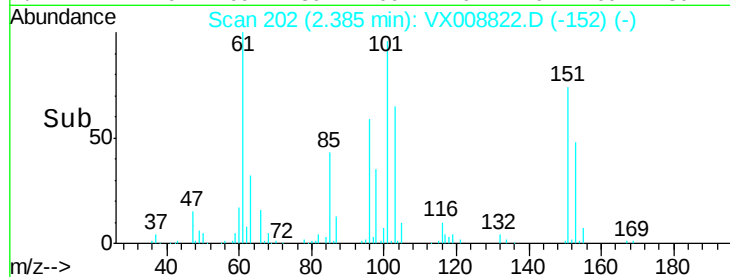
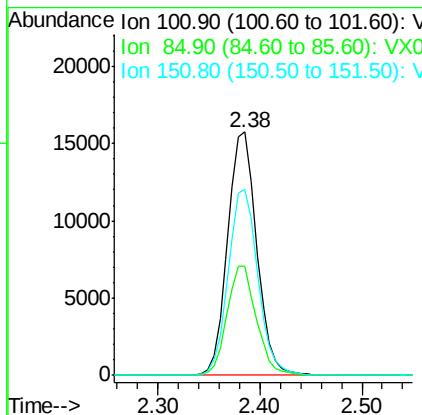
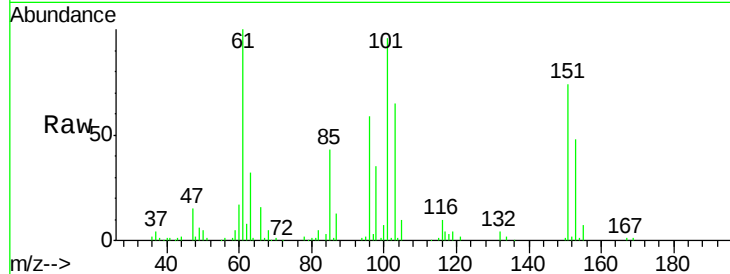
ClientSampleId :

VX0410WBS02

Tot Ion:	101	Resp:	31114
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.0	54.0
151	77.4	59.9	89.9

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#10

Methyl Iodide

Concen: 18.592 ug/l

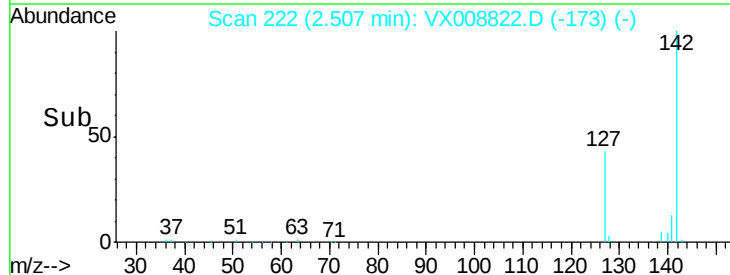
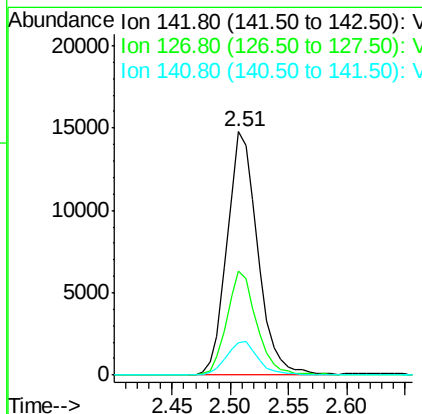
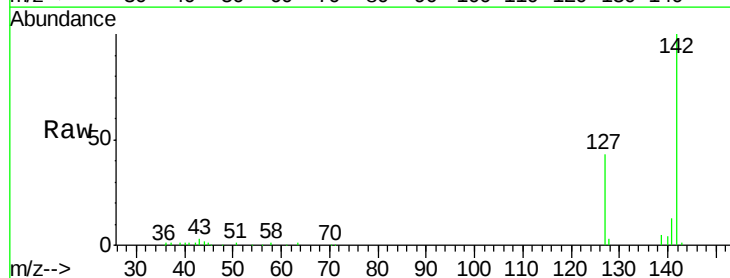
RT: 2.51 min Scan# 222

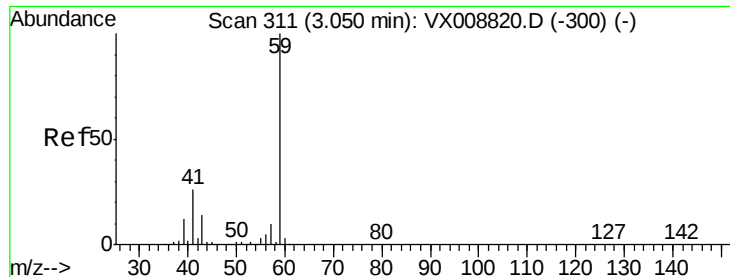
Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Tgt Ion:	142	Resp:	27123
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.0	49.6
141	14.2	11.4	17.2





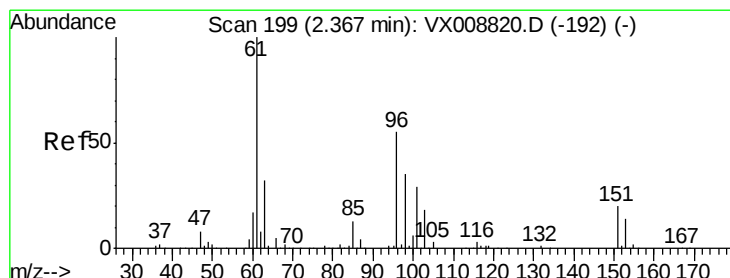
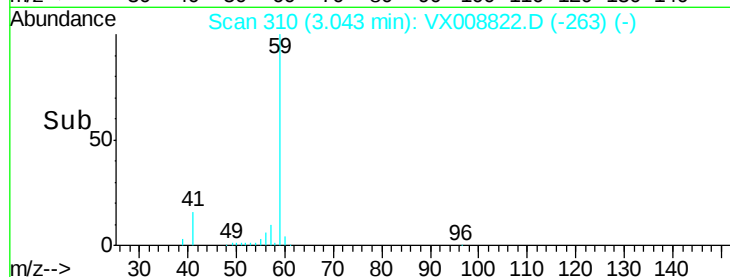
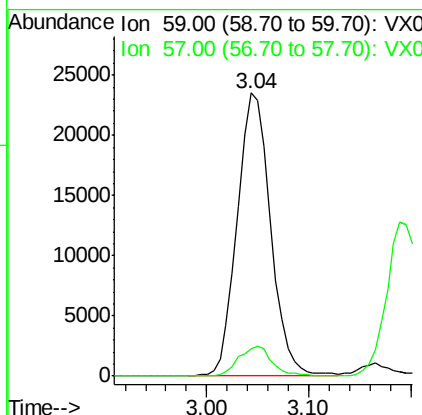
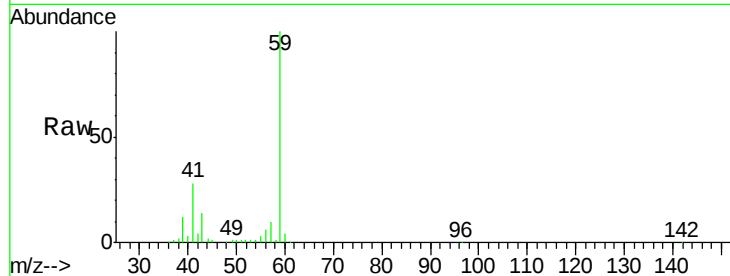
#11
Tert butyl alcohol
Concen: 92.750 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampled :
VX0410WBS02

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.6	8.3	12.5

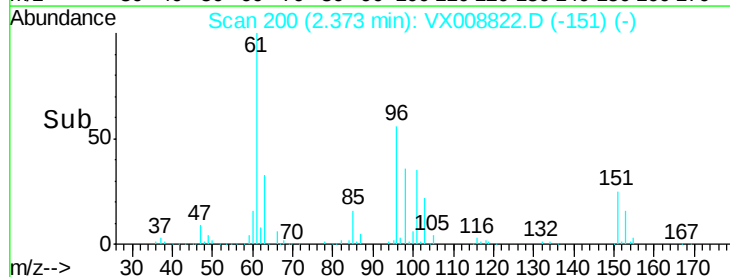
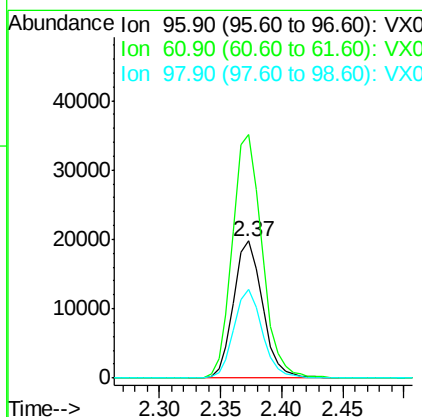
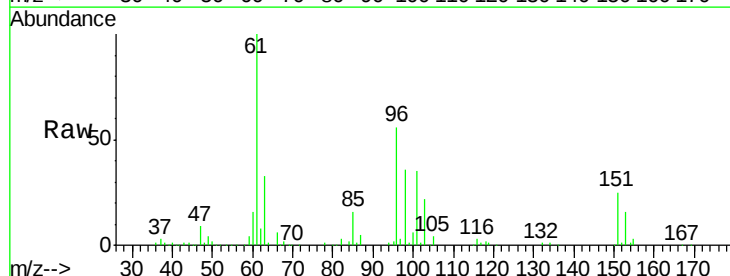
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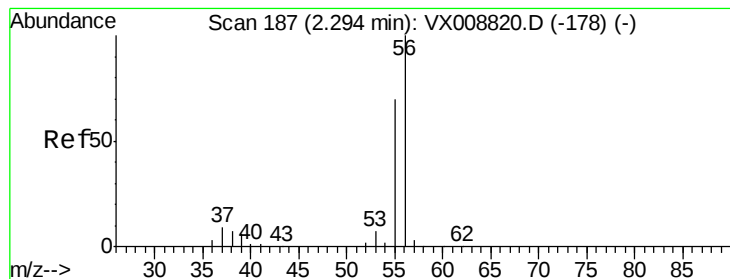
MMDadoda
4/11/2019 11:48:27 AM



#12
1,1-Dichloroethene
Concen: 16.689 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	177.5	140.9	211.3
98	98	64.8	52.1	78.1





#13

Acrolein

Concen: 123.607 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion: 56 Resp: 35490

Ion Ratio Lower Upper

56 100

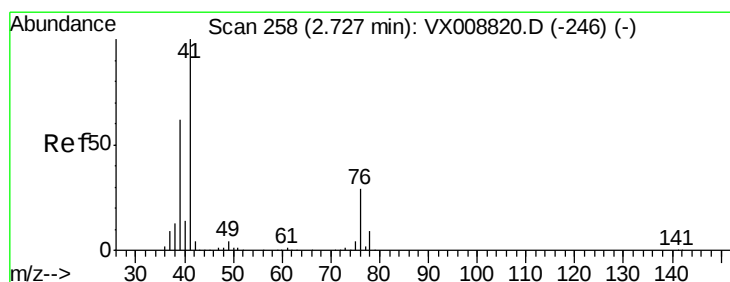
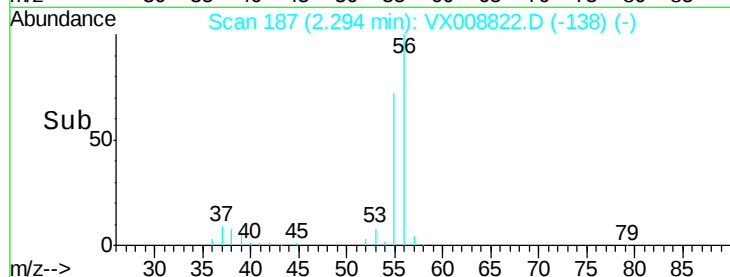
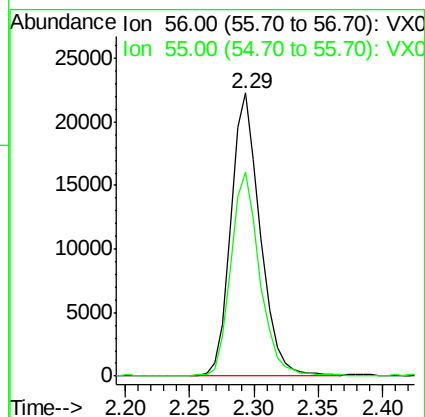
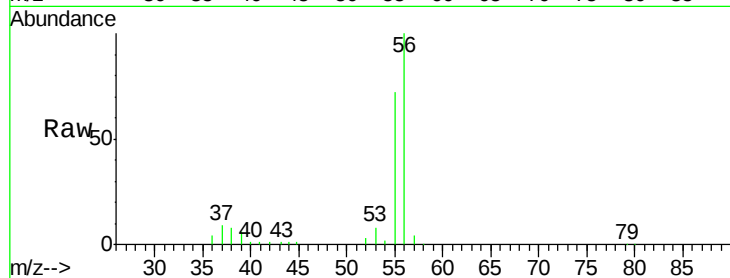
55 71.6 58.0 87.0

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#14

Allyl chloride

Concen: 16.695 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

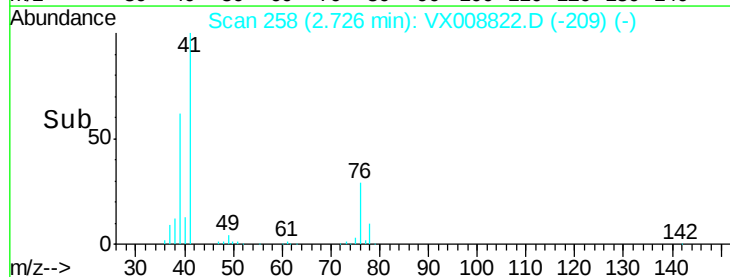
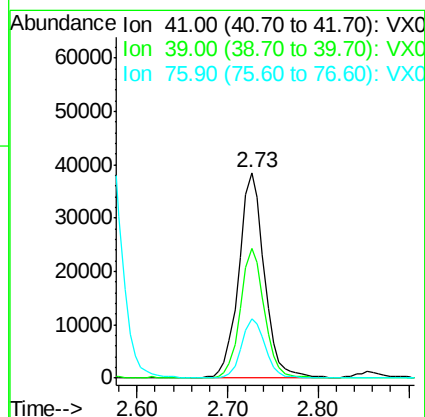
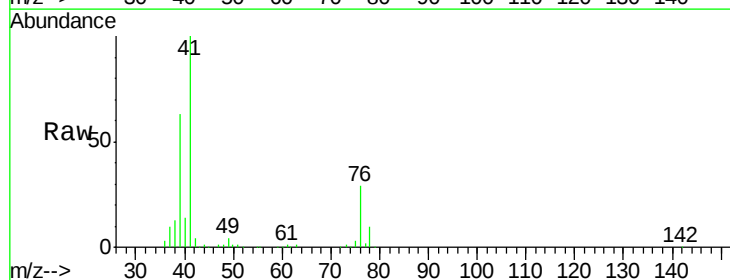
Tgt Ion: 41 Resp: 74925

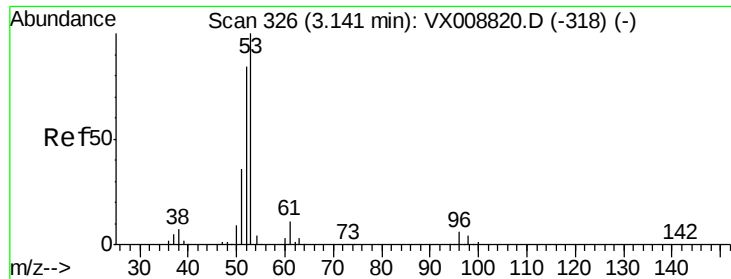
Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

76 27.0 22.0 33.0





#15

Acrylonitrile

Concen: 88.908 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

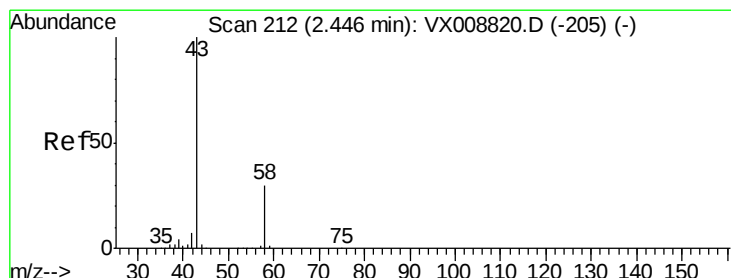
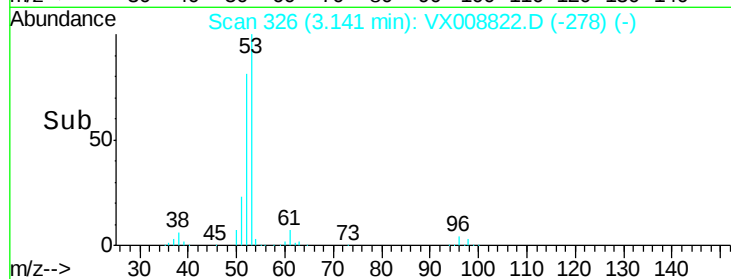
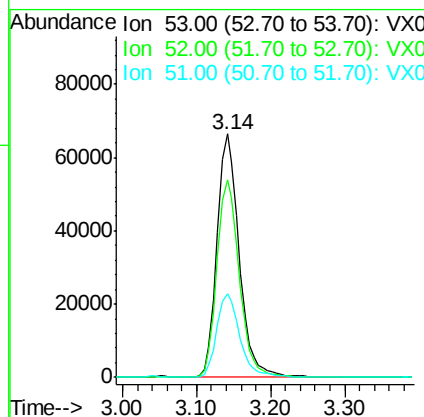
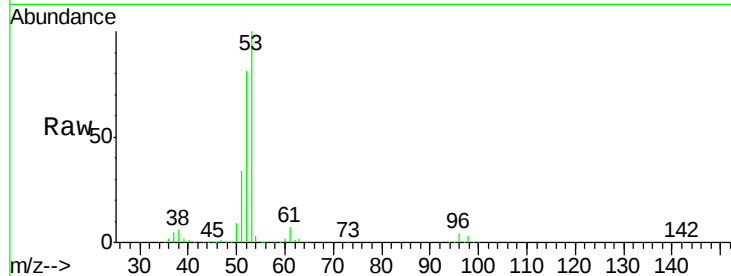
ClientSampleId :

VX0410WBS02

Tot Ion:	53	Resp:	136384
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.5	99.7
51	35.9	28.6	42.8

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#16

Acetone

Concen: 81.669 ug/l

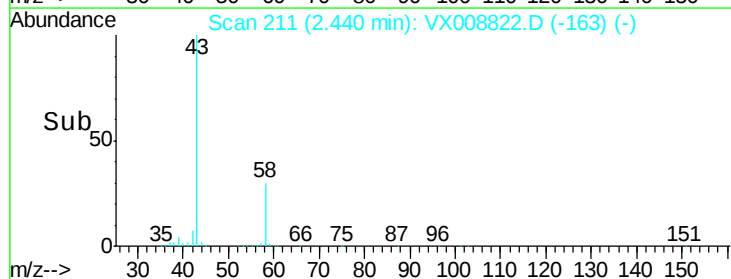
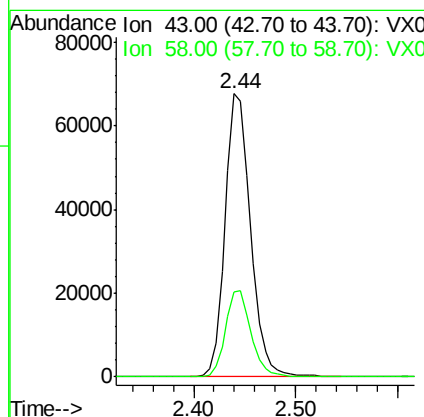
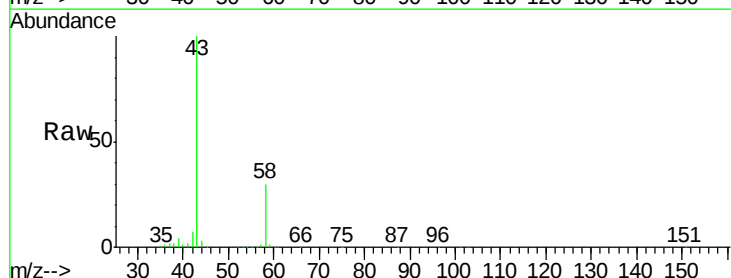
RT: 2.44 min Scan# 211

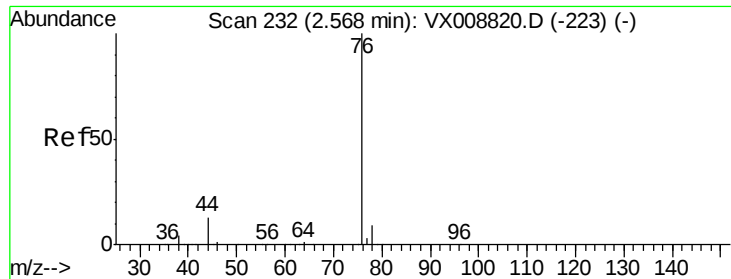
Delta R.T. -0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Tgt Ion:	43	Resp:	116344
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.8	37.2





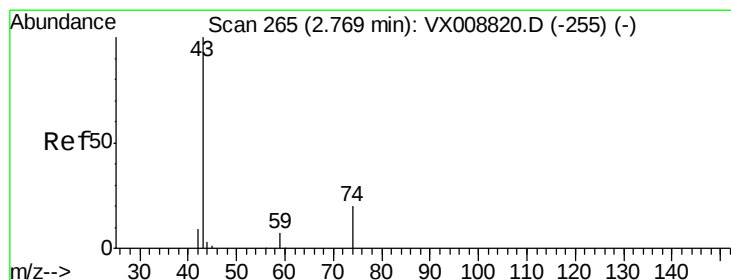
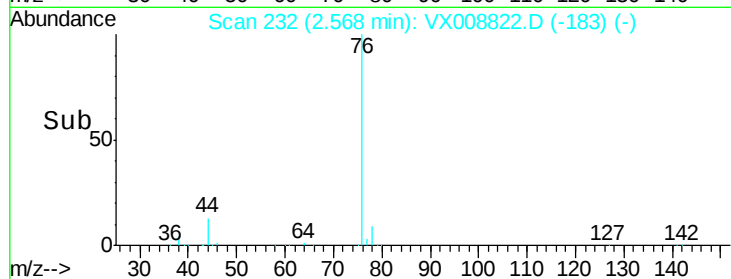
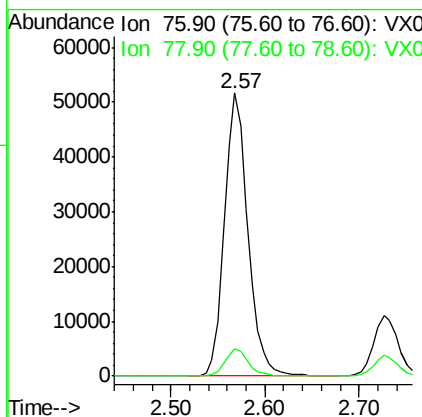
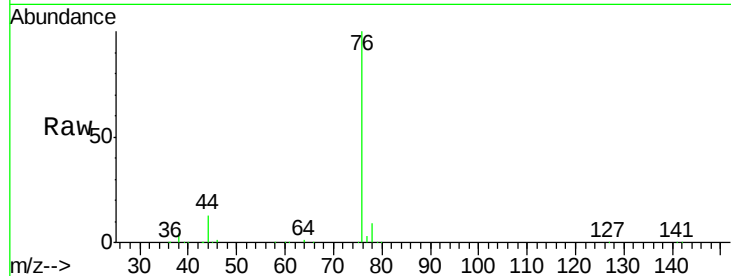
#17
Carbon Disulfide
Concen: 15.222 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

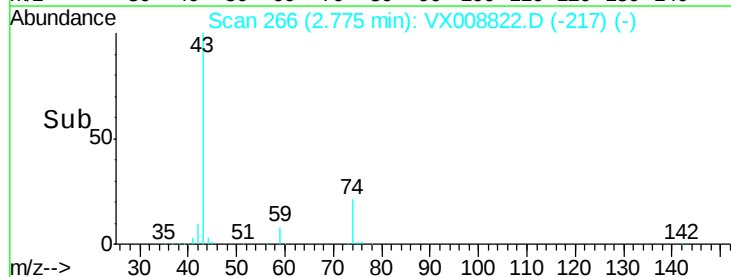
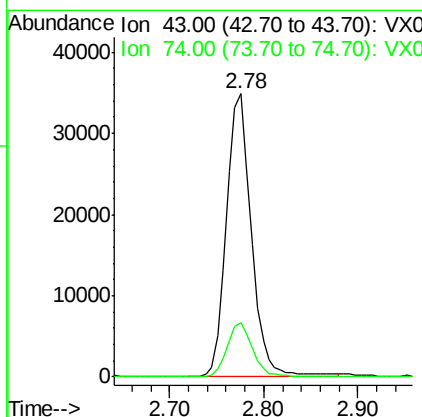
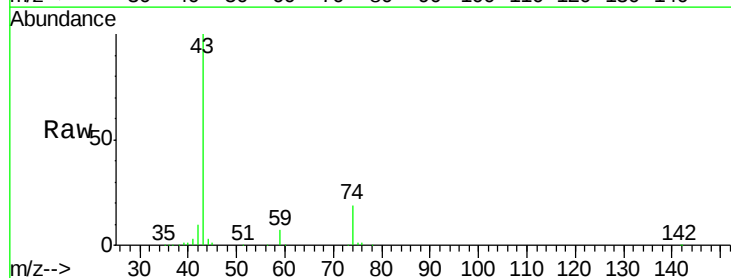
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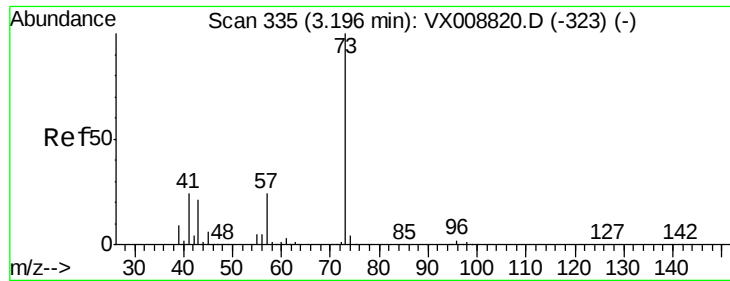
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#18
Methyl Acetate
Concen: 18.498 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.0	16.5	24.7





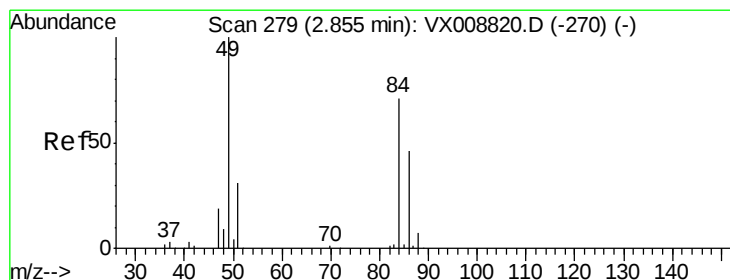
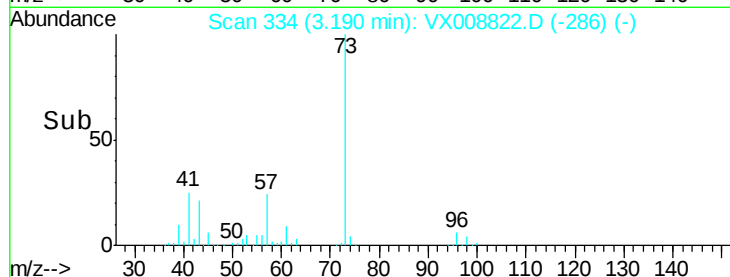
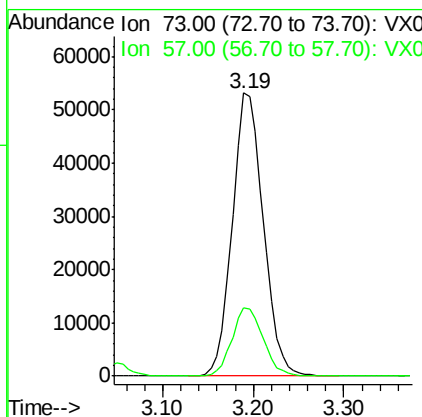
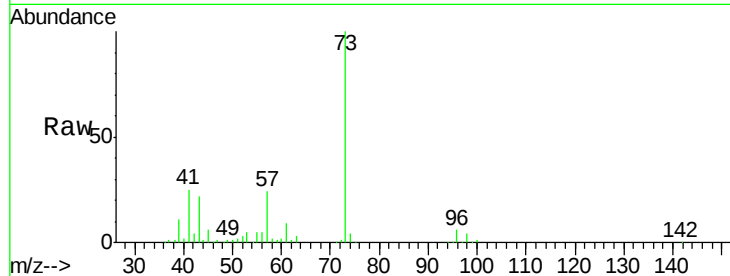
#19
Methyl tert-butyl Ether
Concen: 18.033 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.5	29.3

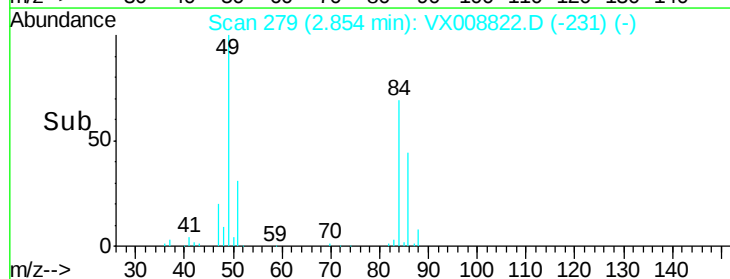
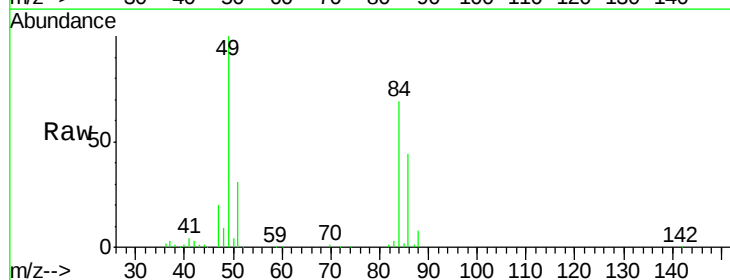
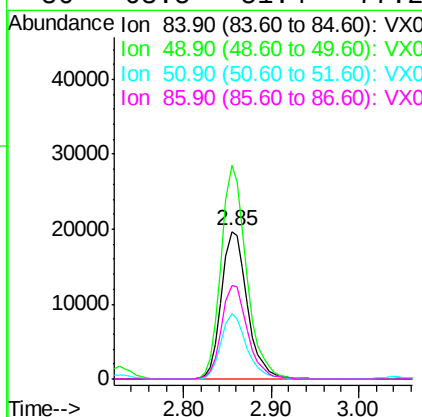
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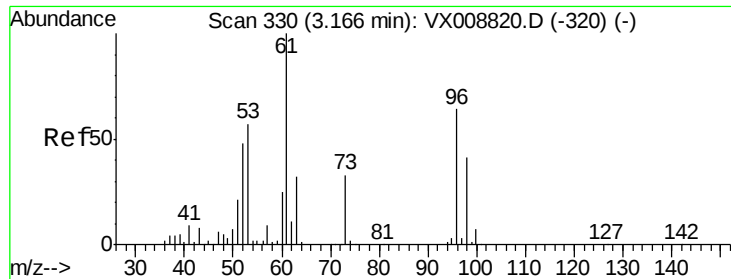
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#20
Methylene Chloride
Concen: 17.030 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.8	109.7	164.5
51	44.6	33.6	50.4
86	63.5	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 16.590 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

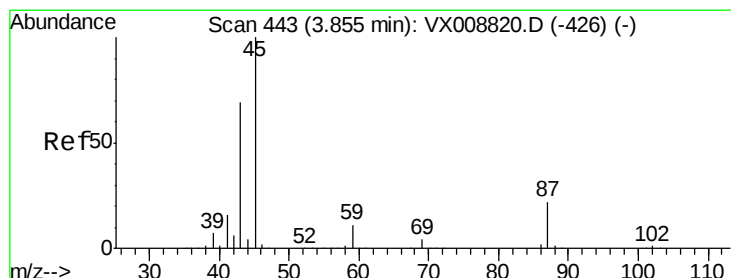
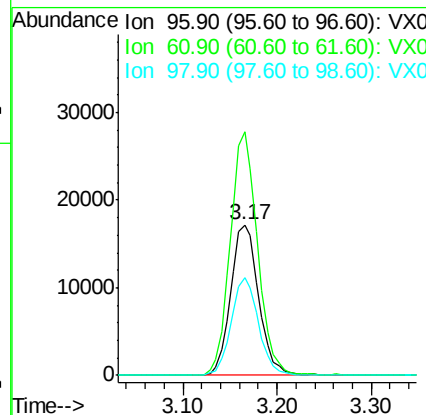
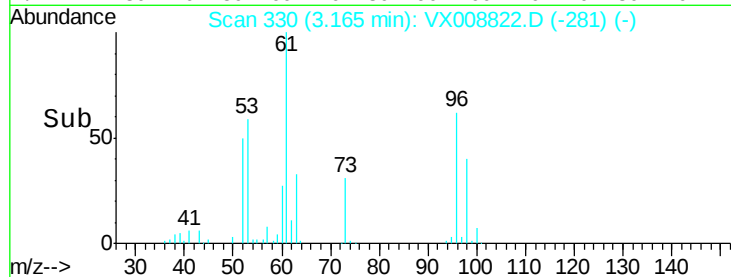
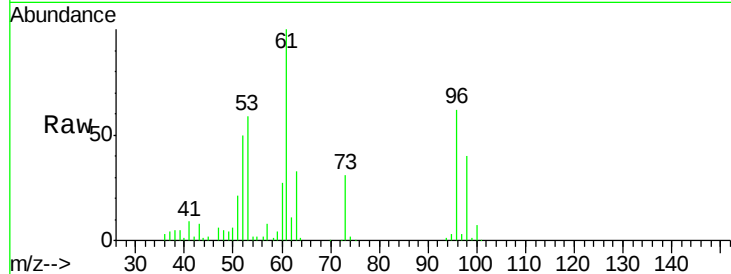
ClientSampleId :

VX0410WBS02

Tot Ion:	96	Resp:	35180
Ion	Ratio	Lower	Upper
96	100		
61	161.6	132.1	198.1
98	64.6	52.2	78.2

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#22

Diisopropyl ether

Concen: 18.110 ug/l

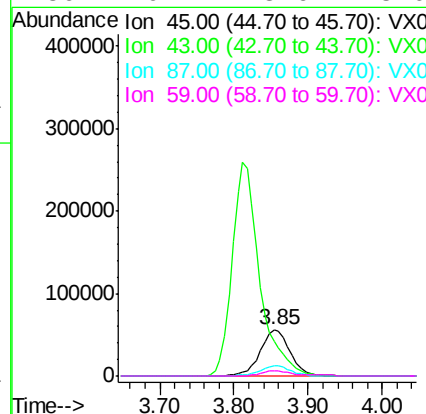
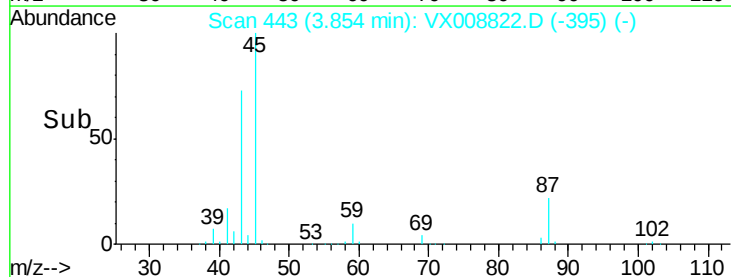
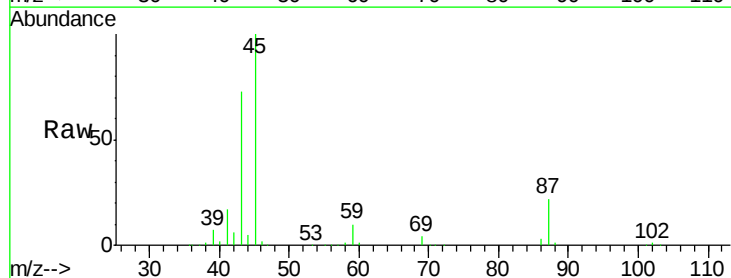
RT: 3.85 min Scan# 443

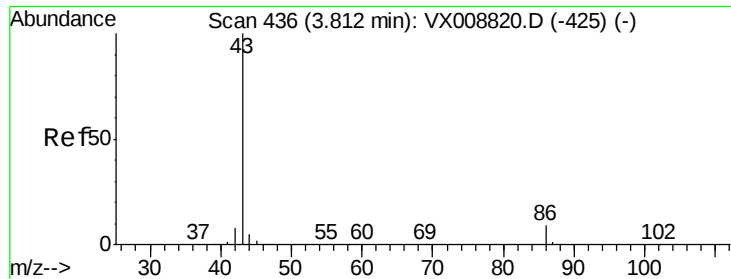
Delta R.T. -0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Tgt Ion:	45	Resp:	156649
Ion	Ratio	Lower	Upper
45	100		
43	72.8	51.3	76.9
87	22.4	18.1	27.1
59	10.4	8.6	13.0





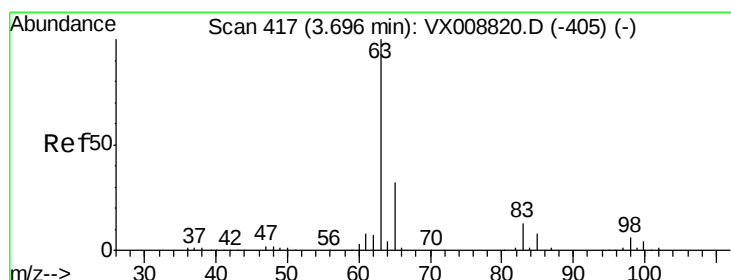
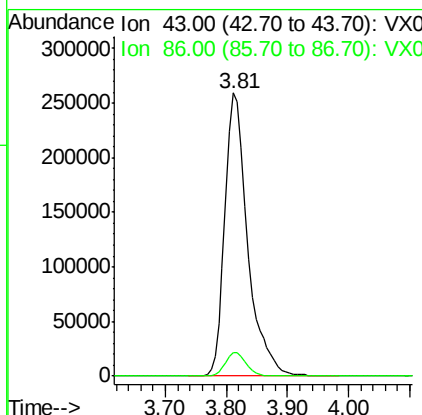
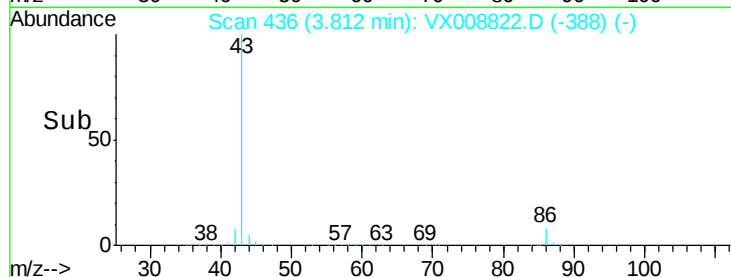
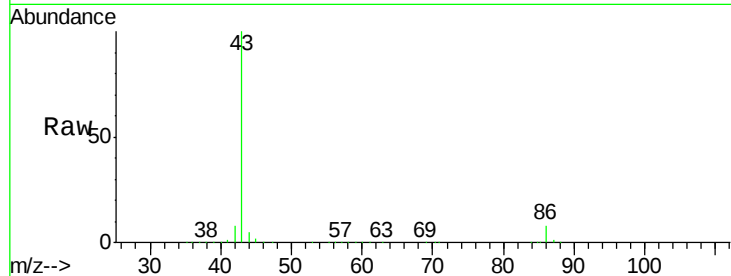
#23
 Vinyl Acetate
 Concen: 89.197 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Tot Ion	43	Resp	671207
Ion Ratio	100	Lower	Upper
43	100		
86	8.2	7.0	10.6

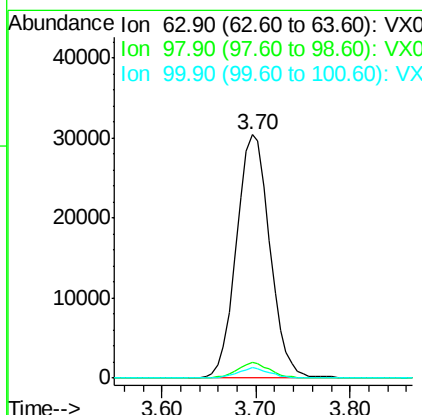
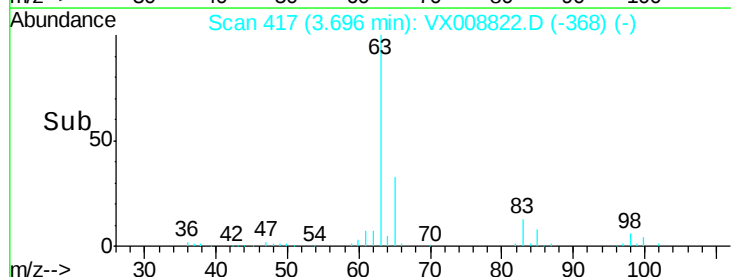
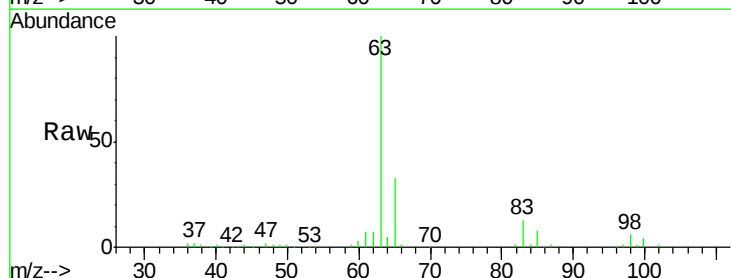
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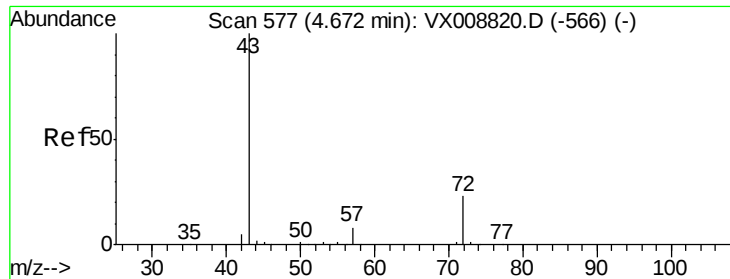
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 17.532 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion	63	Resp	75083
Ion Ratio	100	Lower	Upper
63	100		
98	6.2	2.8	8.4
100	4.2	1.8	5.5





#25

2-Butanone

Concen: 89.813 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion: 43 Resp: 202221

Ion Ratio Lower Upper

43 100

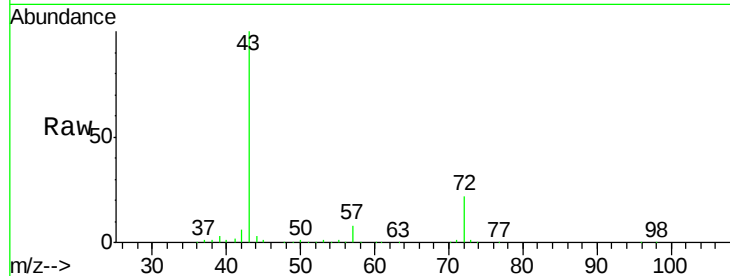
72 22.2 18.2 27.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

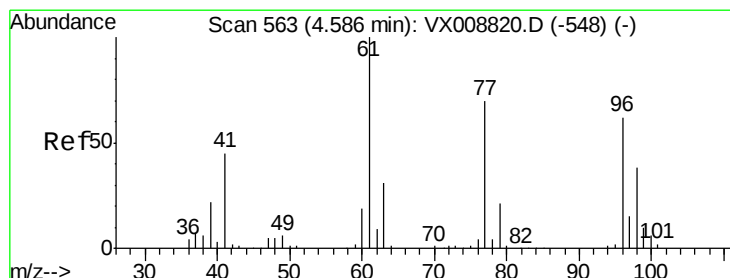
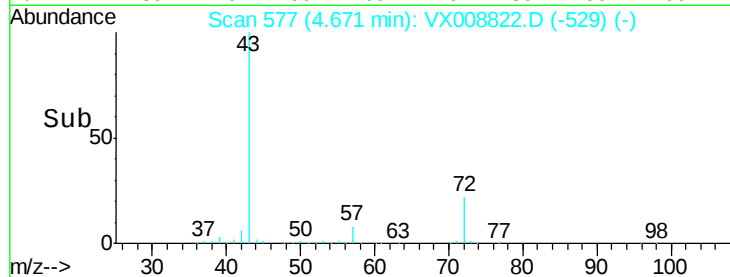
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 14.675 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008822.D

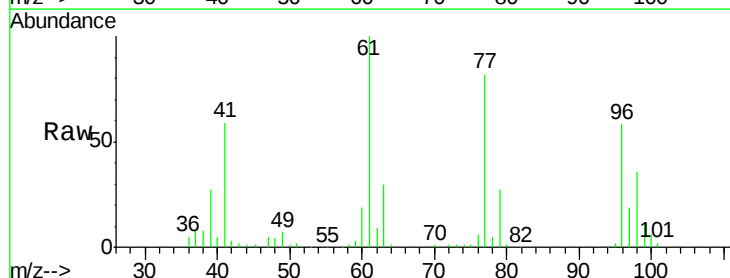
Acq: 10 Apr 2019 22:32

Tgt Ion: 77 Resp: 44267

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

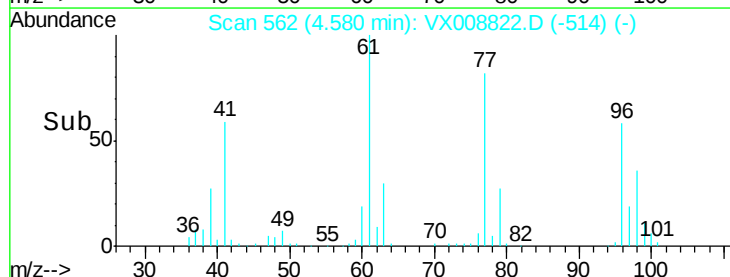
10000

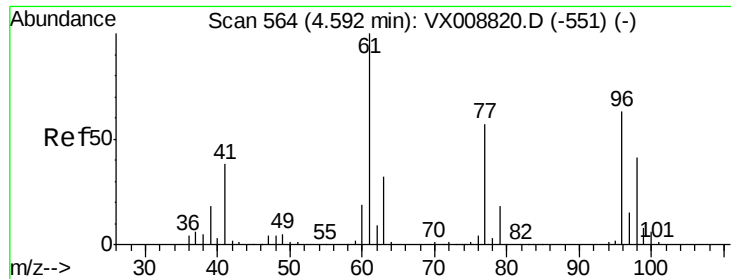
5000

0

4.50 4.60 4.70

Time-->





#27

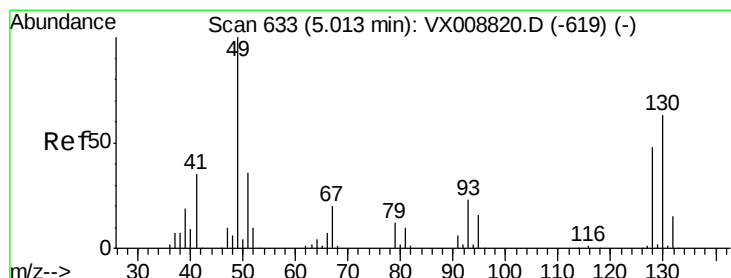
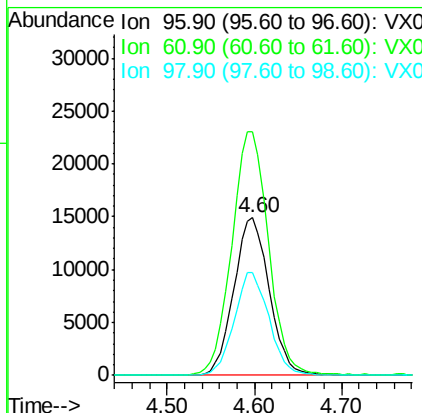
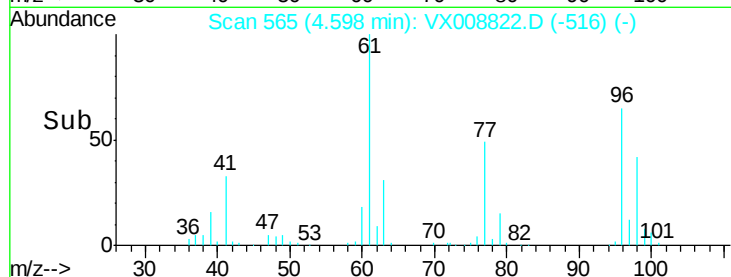
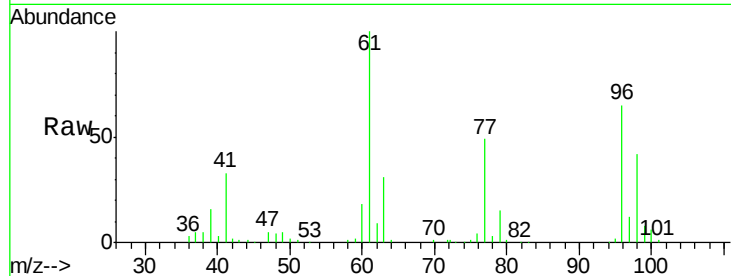
cis-1,2-Dichloroethene
Concen: 17.198 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.0	0.0	327.6
98	64.2	0.0	128.6

Manual Integrations
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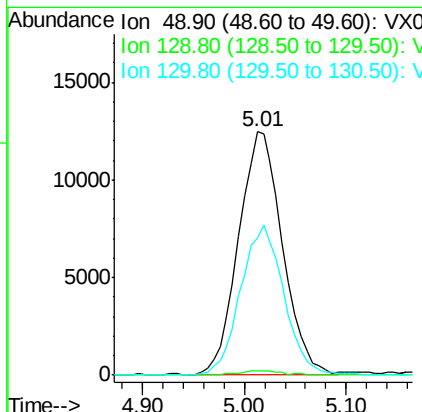
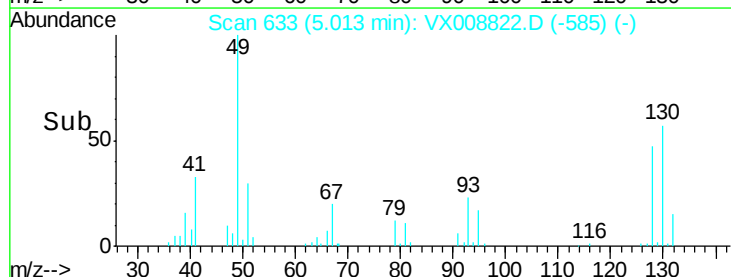
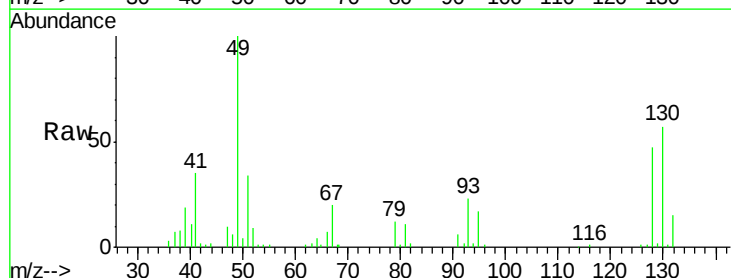
MMDadoda
4/11/2019 11:48:27 AM

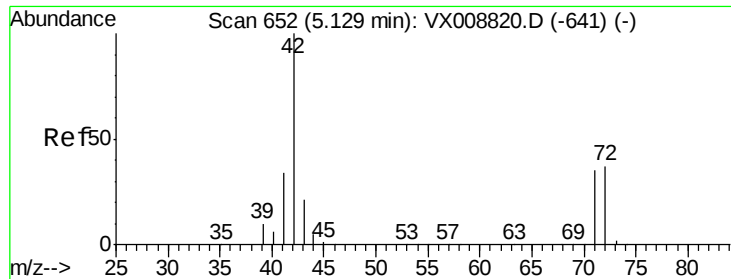


#28

Bromochloromethane
Concen: 18.918 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	60.9	49.3	73.9





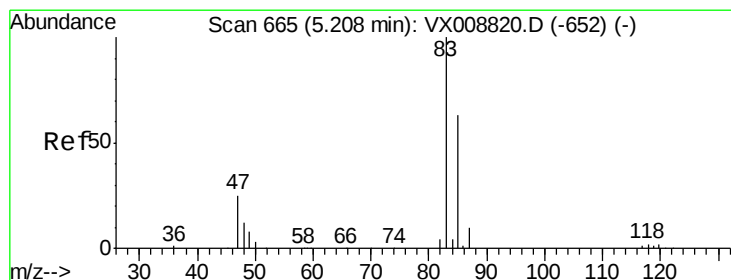
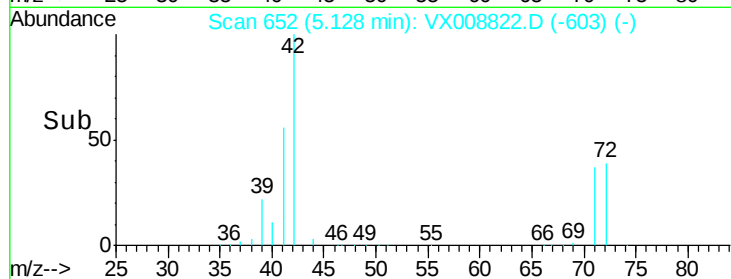
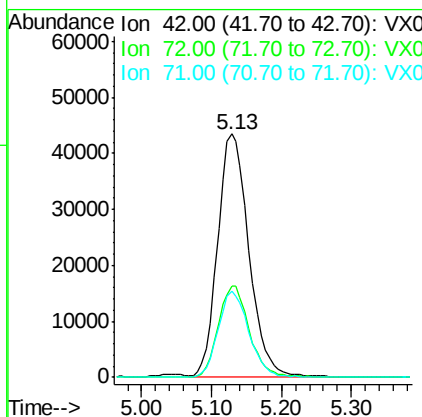
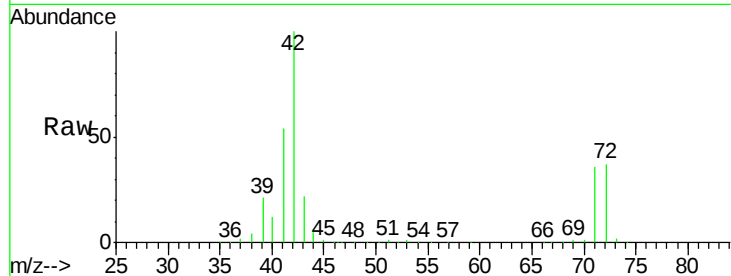
#29
Tetrahydrofuran
Concen: 89.161 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	30.5	45.7
71	35.4	28.6	43.0

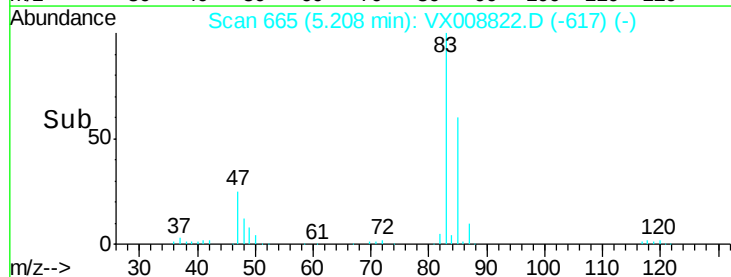
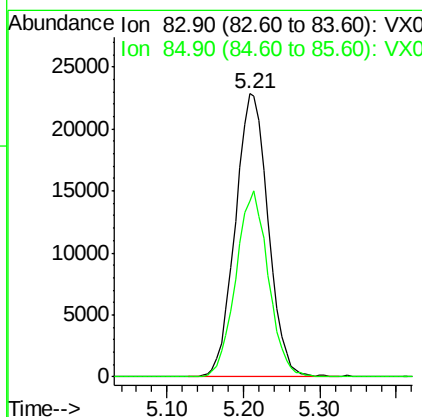
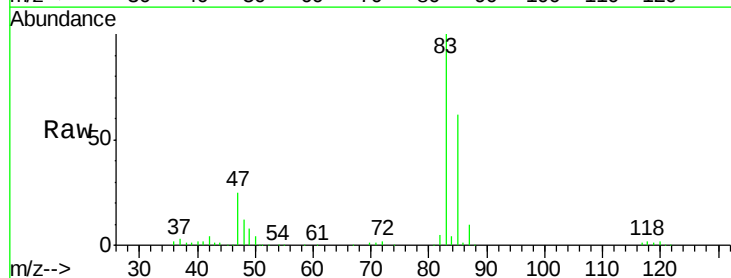
Manual Integrations
APPROVED

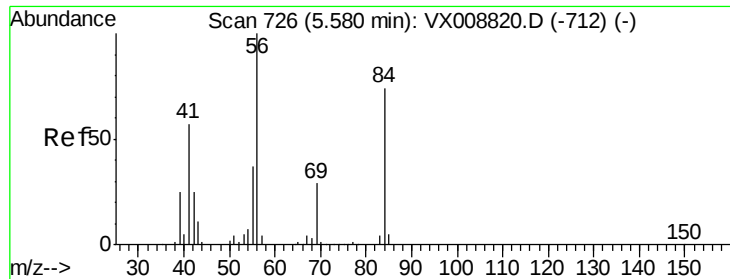
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4/11/2019 11:48:27 AM



#30
Chloroform
Concen: 17.874 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.1	78.1





#31

Cyclohexane

Concen: 16.315 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

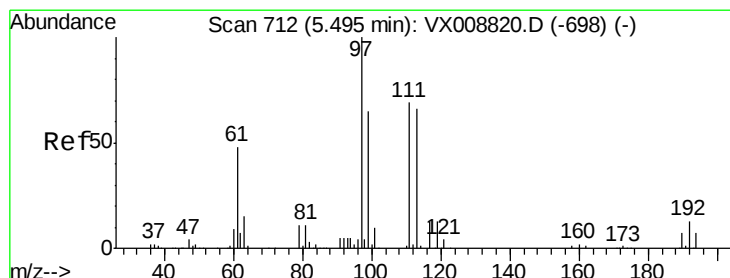
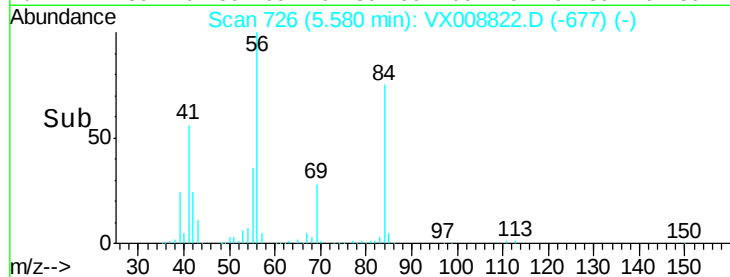
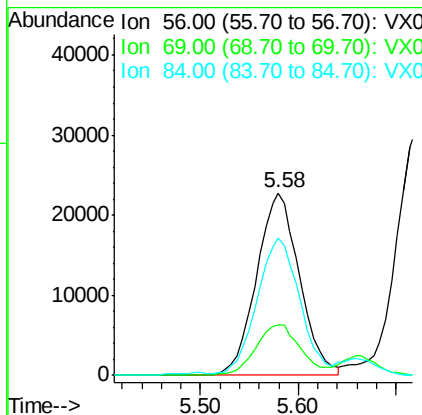
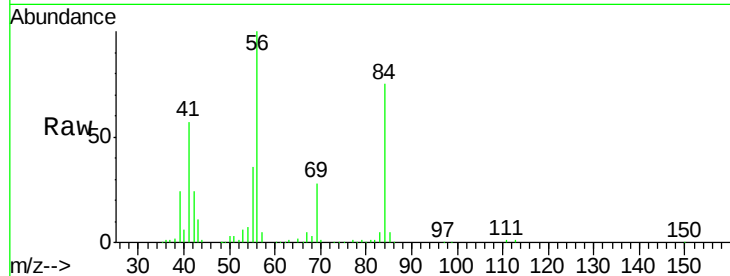
ClientSampleId :

VX0410WBS02

Tot Ion:	56	Resp:	69721
Ion Ratio	Lower	Upper	
56	100		
69	27.7	22.6	33.8
84	74.0	59.3	88.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.820 ug/l

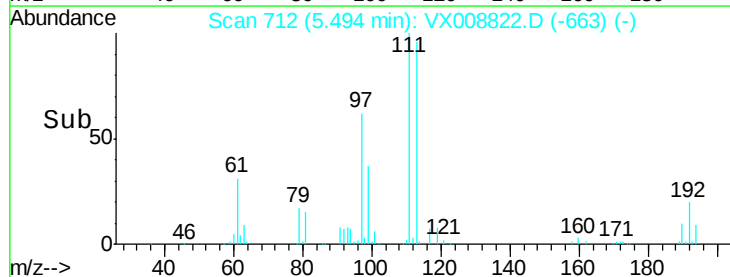
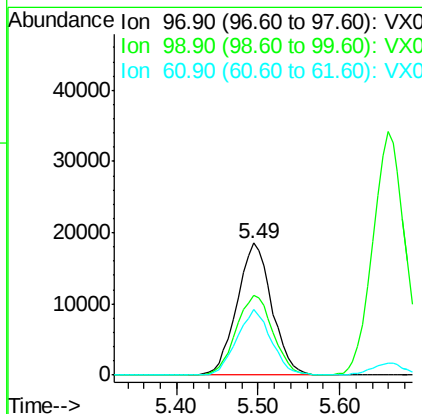
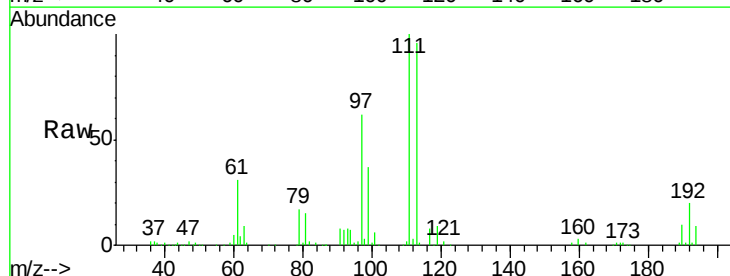
RT: 5.49 min Scan# 712

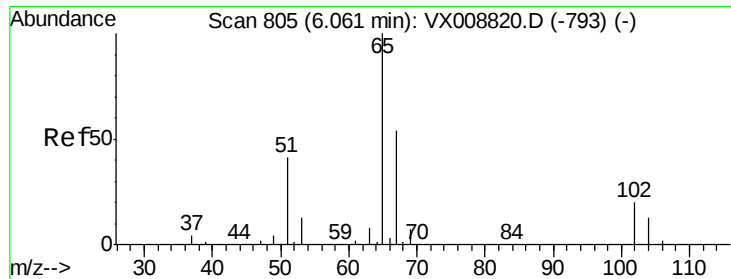
Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Tgt Ion:	97	Resp:	55083
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.3	76.9
61	49.0	38.9	58.3





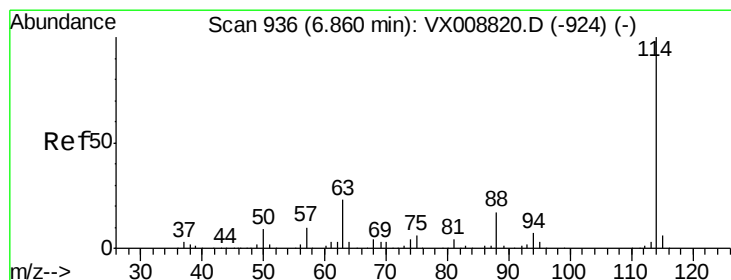
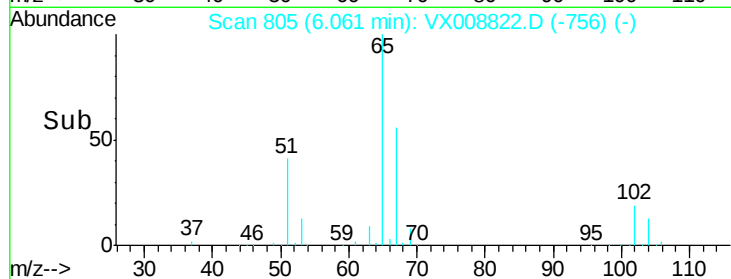
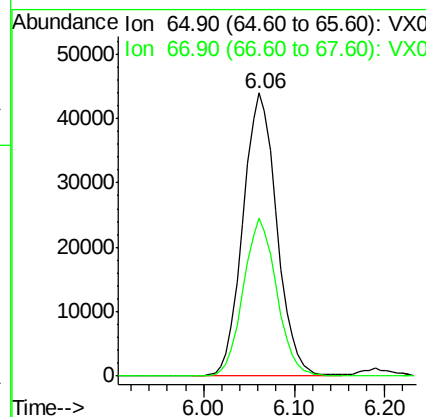
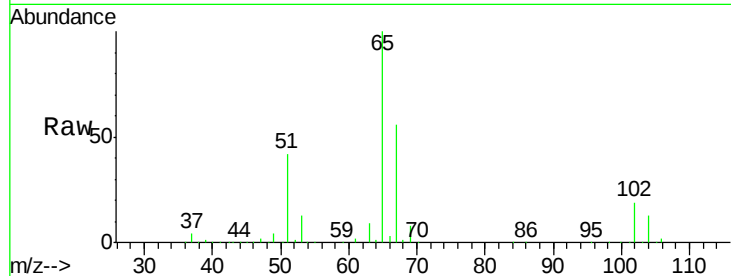
#33
 1,2-Dichloroethane-d4
 Concen: 45.993 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113757		
67	55.0	0.0	107.2	

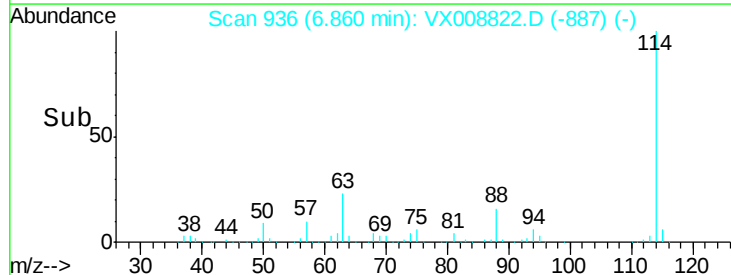
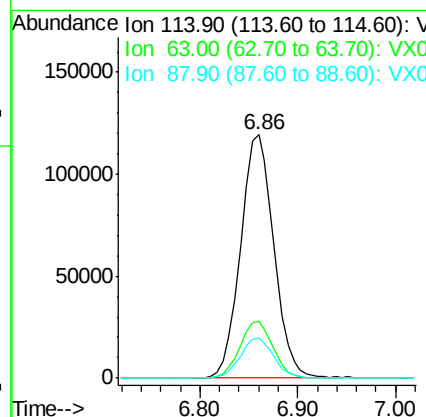
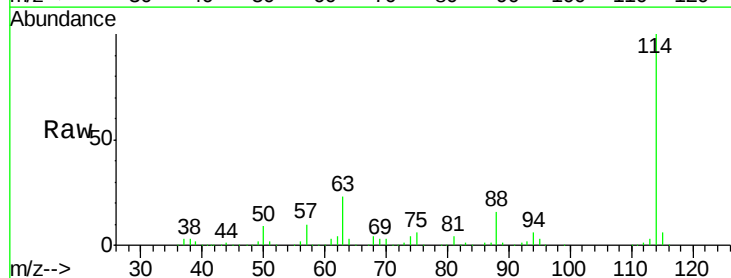
Manual Integrations
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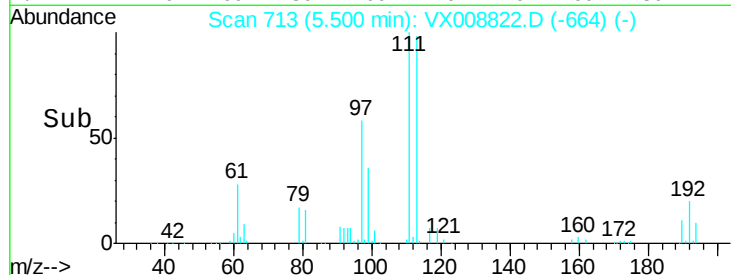
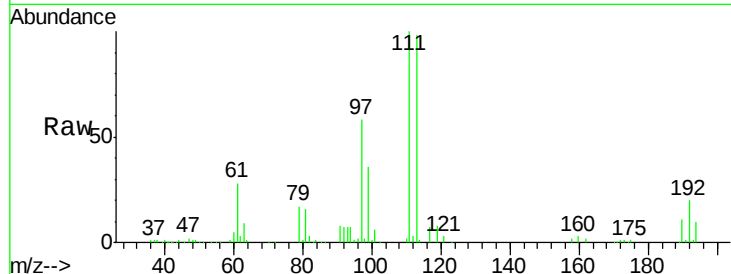
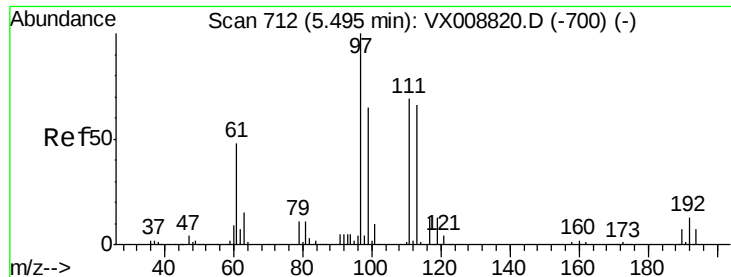
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	281404		
63	23.2	0.0	47.2	
88	16.2	0.0	34.0	





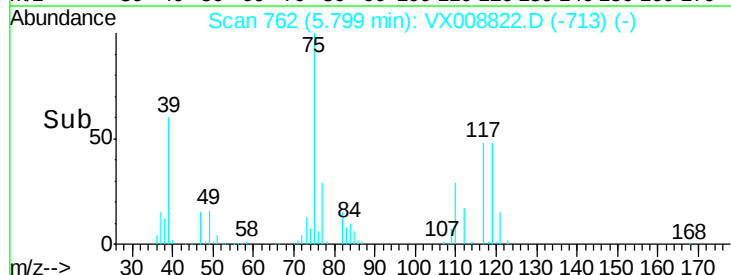
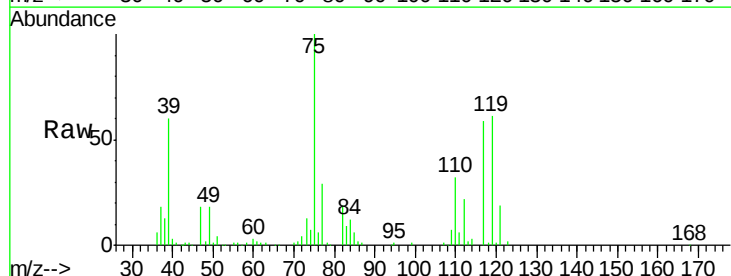
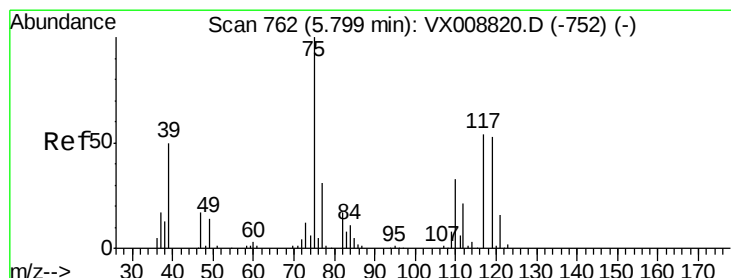
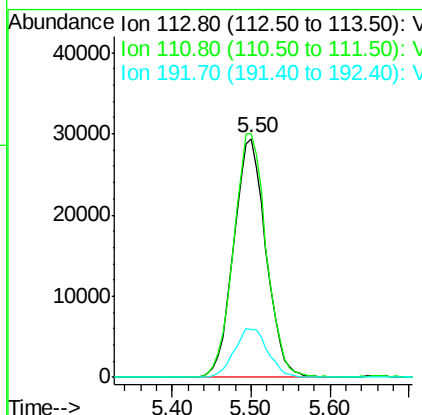
#35
Dibromofluoromethane
Concen: 46.492 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tot Ion	Ratio	Resp	Lower	Upper
113	100	83648		
111	103.2	83.4	125.2	
192	21.2	16.1	24.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

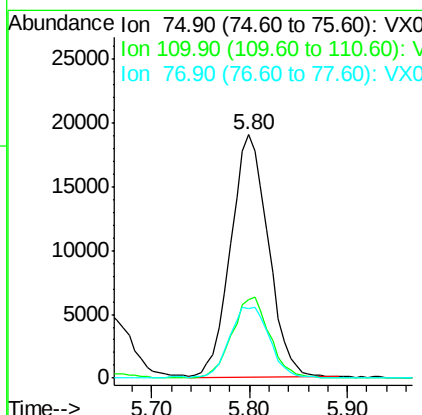
Manual Integrations
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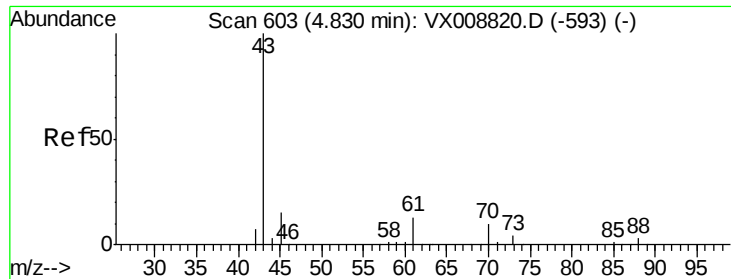
MMDadoda
4/11/2019 11:48:27 AM



#36
1,1-Dichloropropene
Concen: 16.421 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	50513		
110	33.8	16.4	49.2	
77	31.6	24.7	37.1	





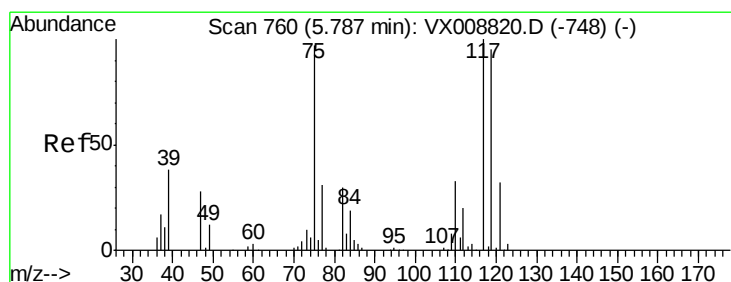
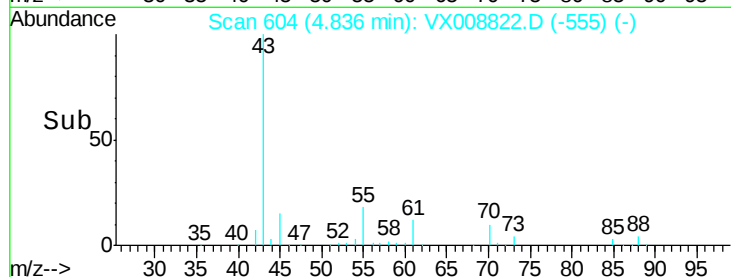
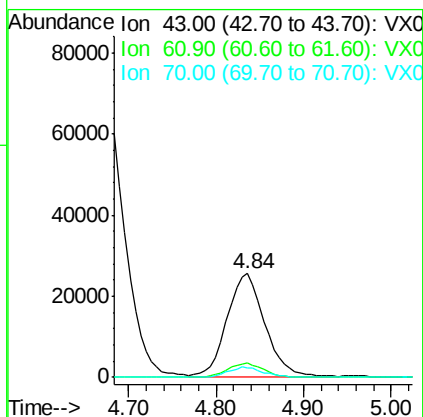
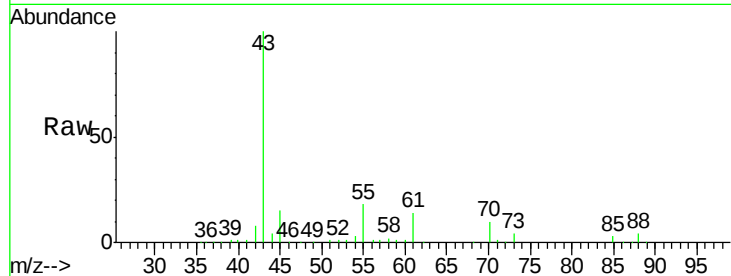
#37
Ethyl Acetate
Concen: 18.416 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.3	15.5
70	9.7	7.6	11.4

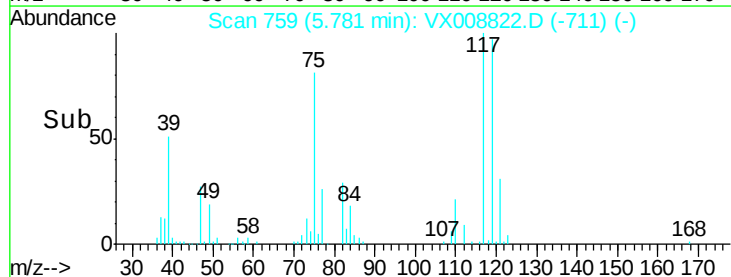
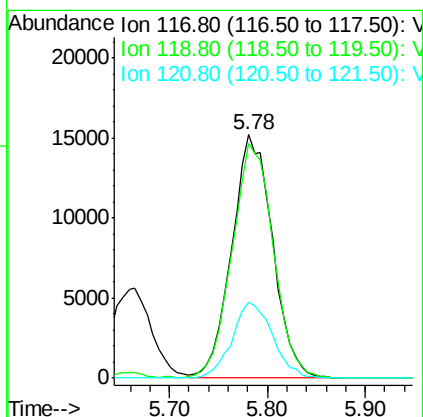
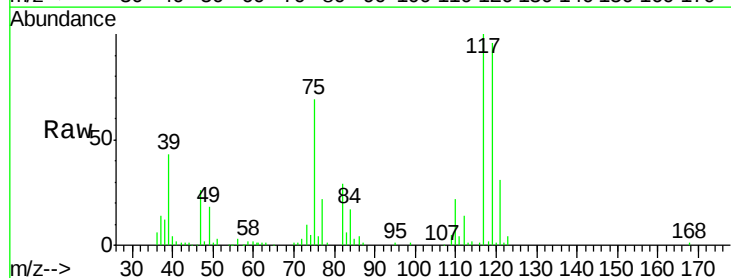
Manual Integrations
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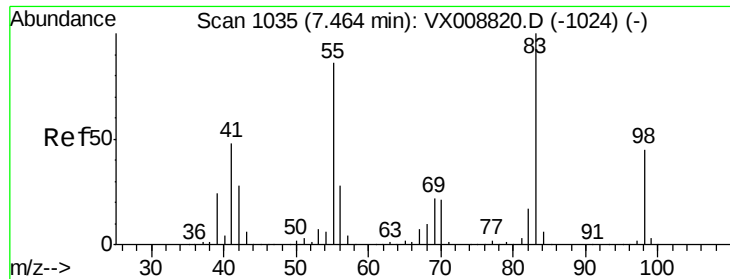
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#38
Carbon Tetrachloride
Concen: 17.303 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.6
121	31.2	24.3	36.5





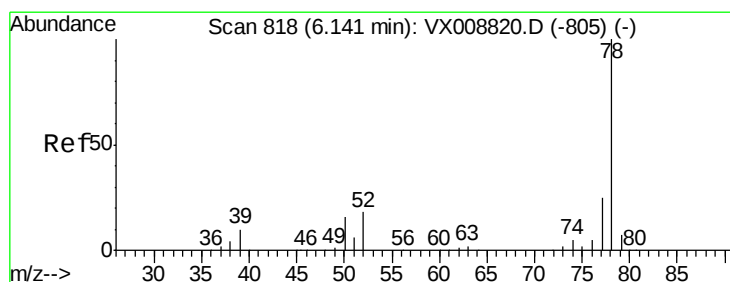
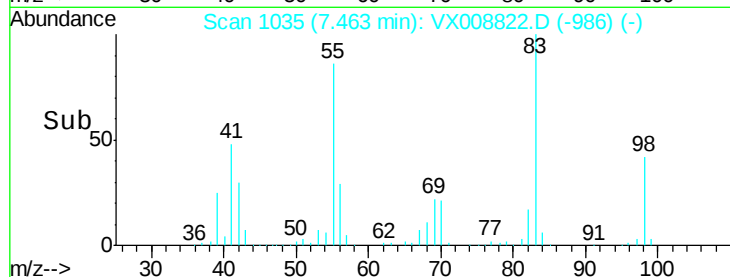
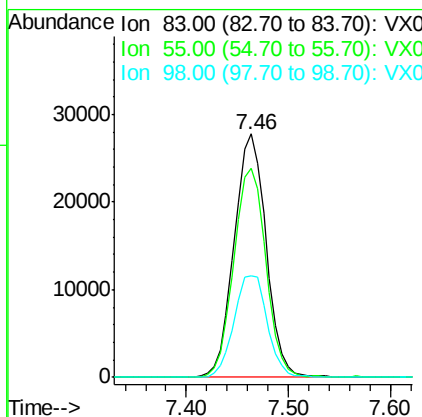
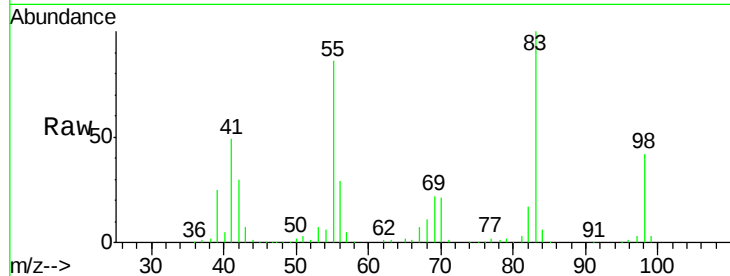
#39
Methylvlcvclohexane
Concen: 15.853 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	69.0	103.6
98	41.8	34.4	51.6

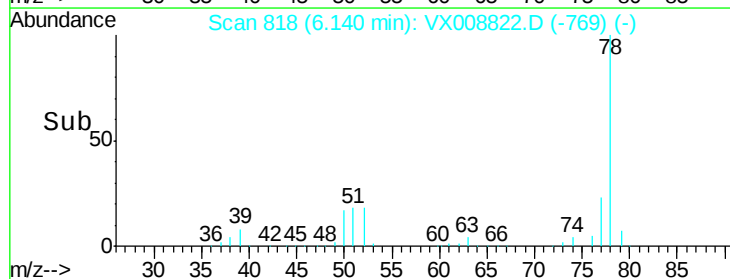
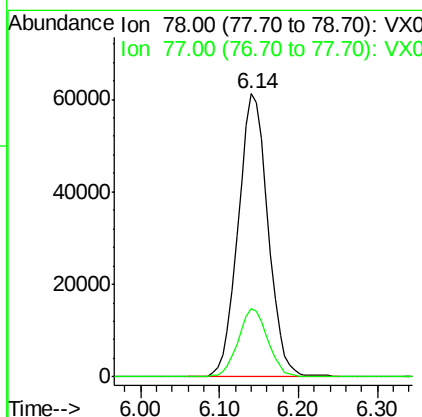
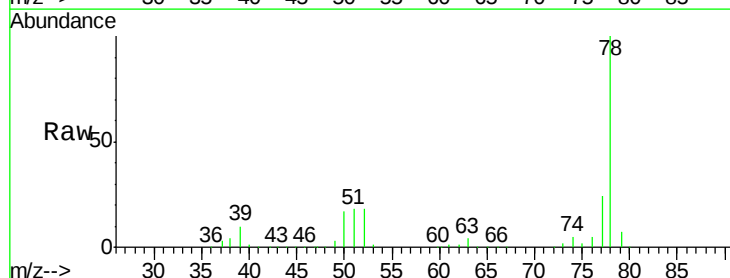
Manual Integrations
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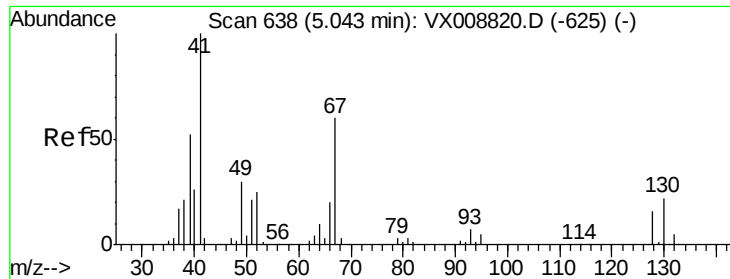
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#40
Benzene
Concen: 17.572 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





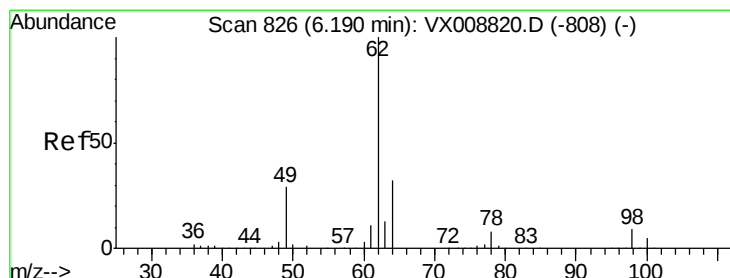
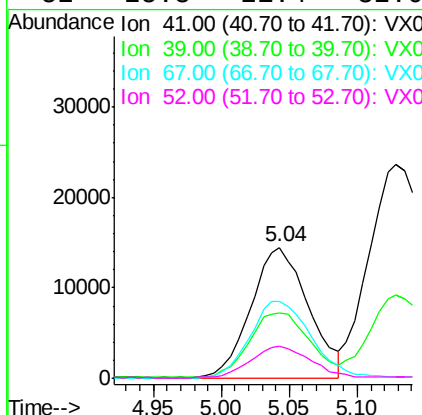
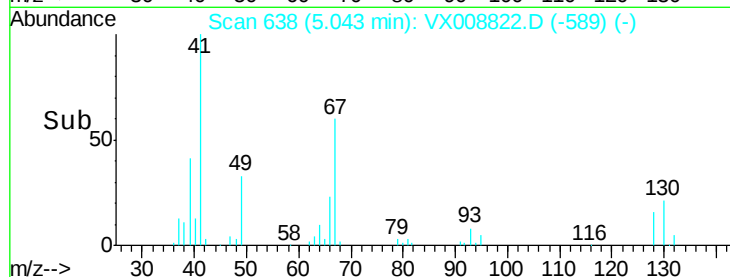
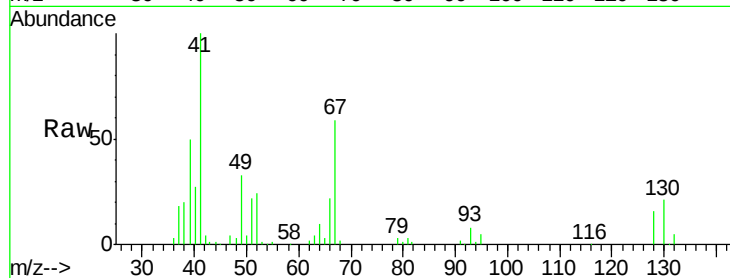
#41
Methacrylonitrile
Concen: 17.970 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion:	41	Resp:	42410
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.1	63.1
67	63.6	51.0	76.6
52	25.8	21.4	32.0

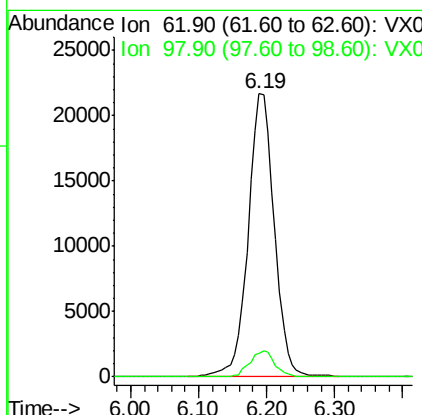
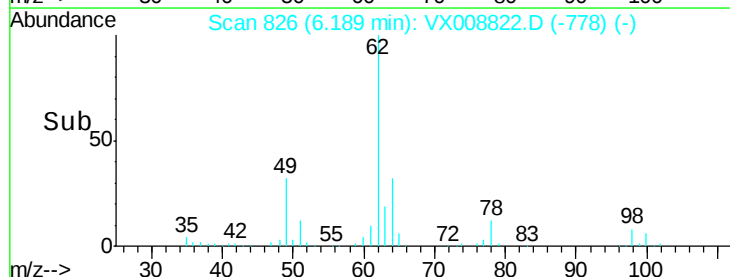
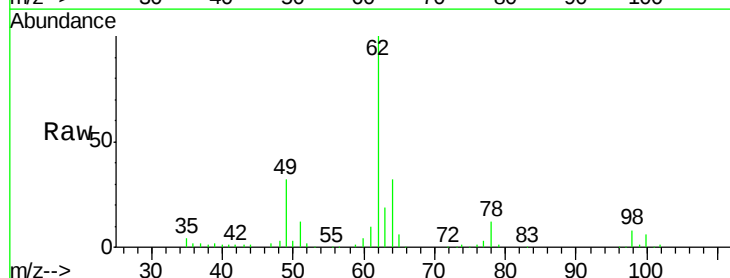
Manual Integrations
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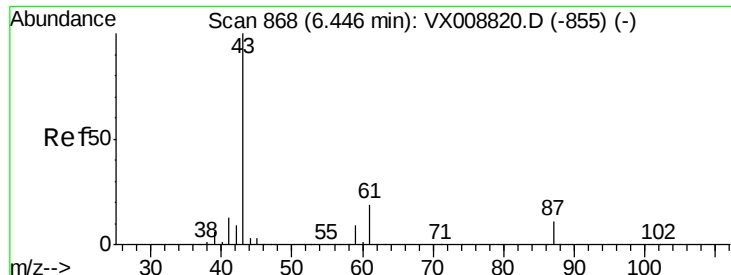
MMDadoda
4/11/2019 11:48:27 AM



#42
1,2-Dichloroethane
Concen: 17.691 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion:	62	Resp:	58120
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0





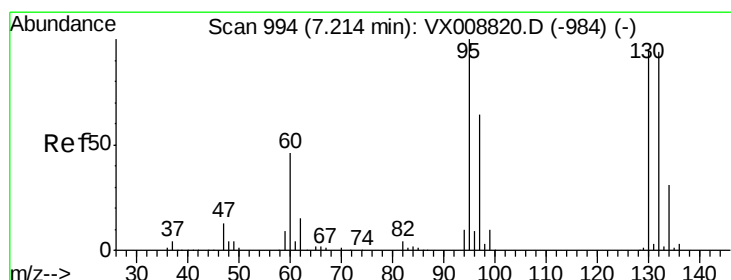
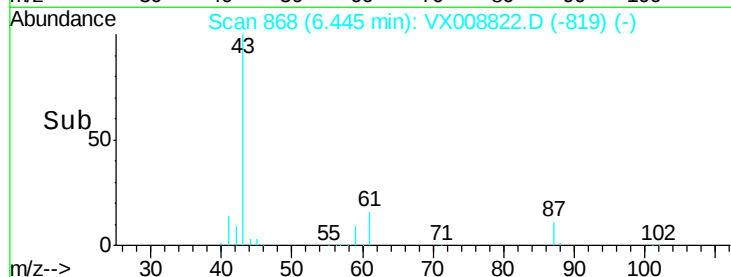
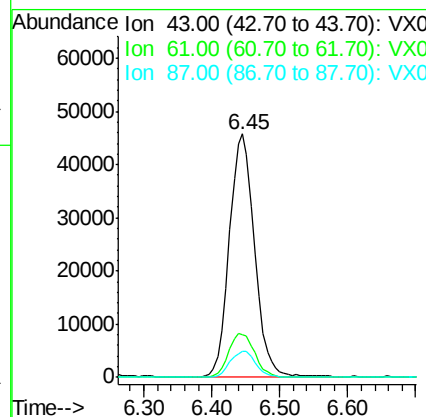
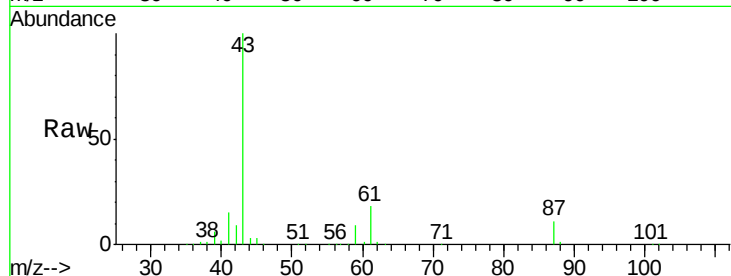
#43
Isopropyl Acetate
Concen: 18.143 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.3	22.9
87	11.1	9.0	13.6

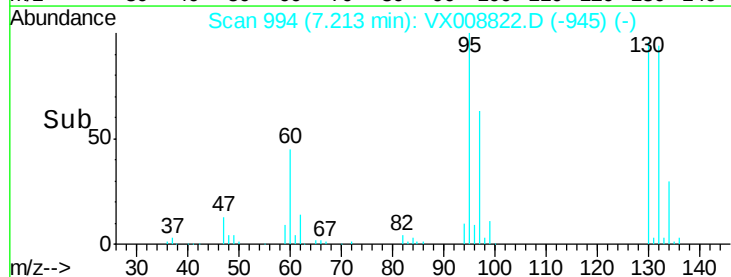
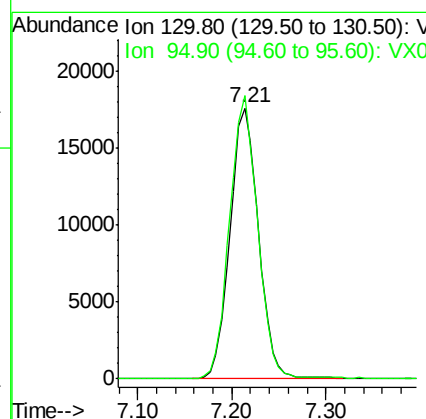
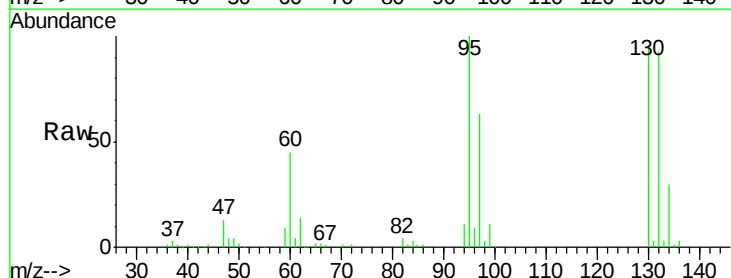
Manual Integrations
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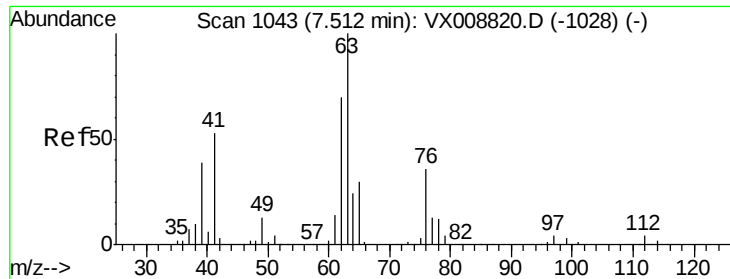
MMDadoda
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#44
Trichloroethene
Concen: 17.340 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	209.8





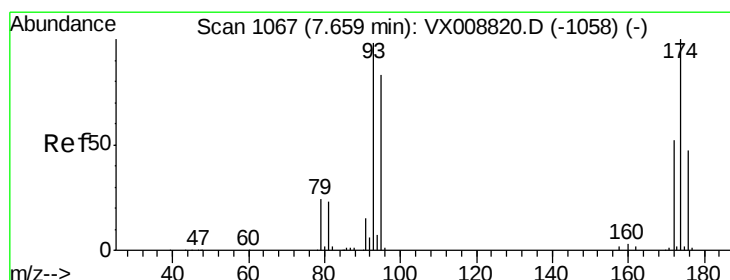
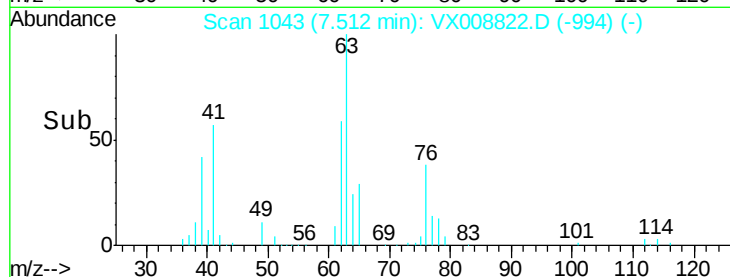
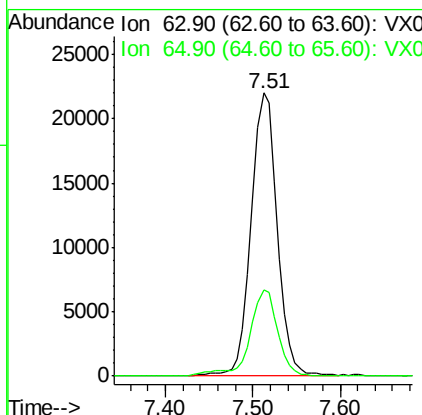
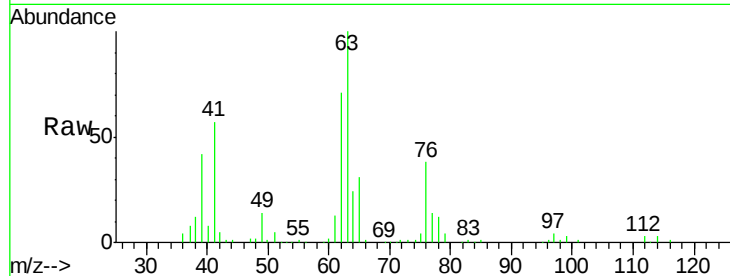
#45
 1,2-Dichloropropane
 Concen: 17.519 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBS02

Tot Ion: 63 Resp: 45822
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.4

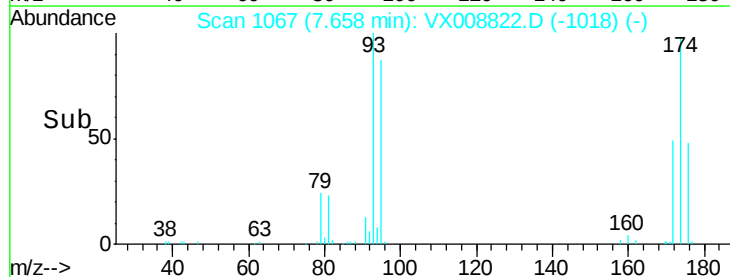
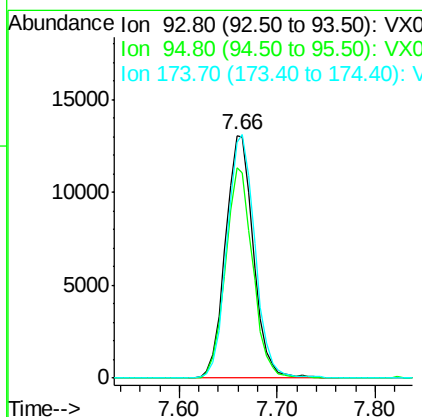
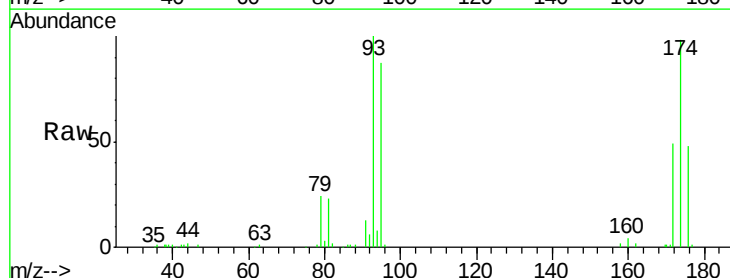
Manual Integrations
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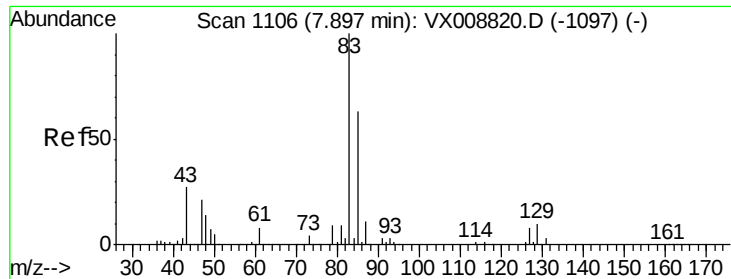
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 4/11/2019 11:48:27 AM



#46
 Dibromomethane
 Concen: 17.035 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion: 93 Resp: 25842
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.6 99.8
 174 100.3 77.7 116.5





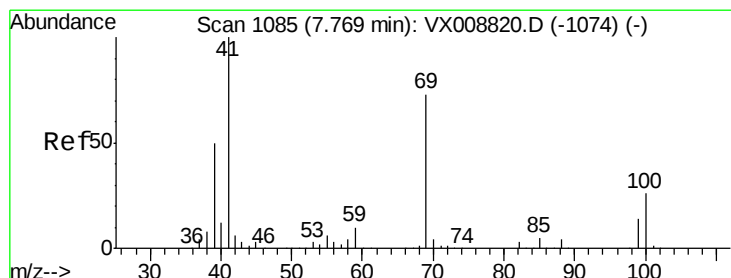
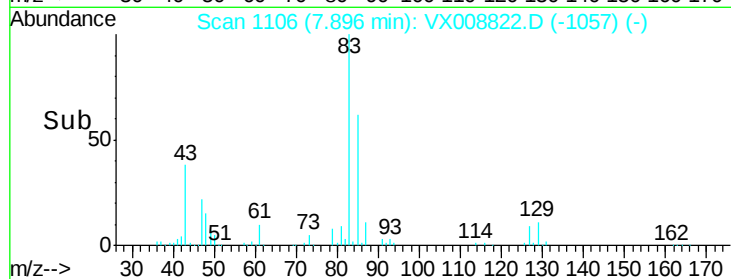
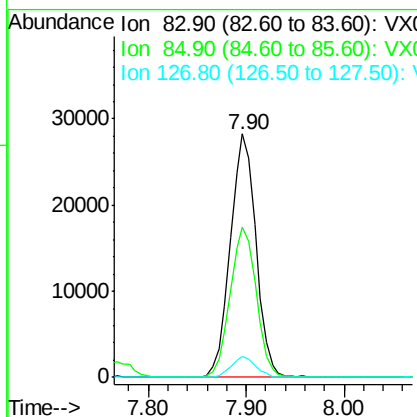
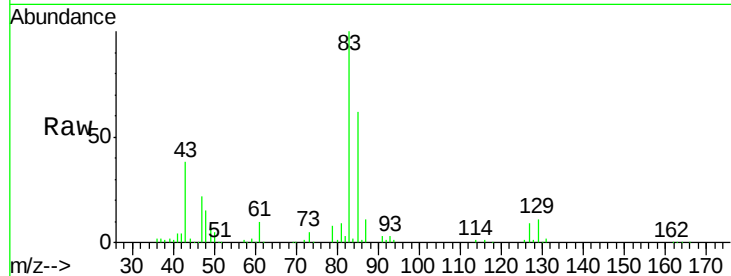
#47
Bromodichloromethane
Concen: 17.943 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	83	Resp	51323
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	51.2	76.8
127	8.5	6.6	10.0

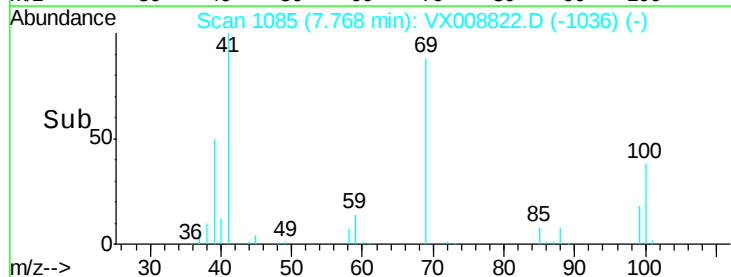
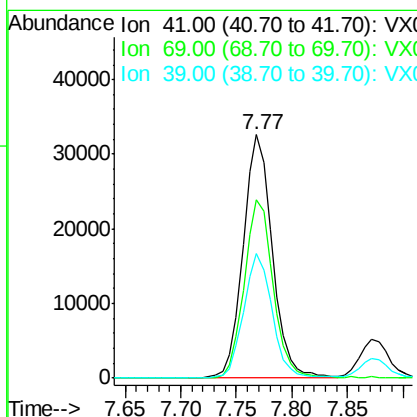
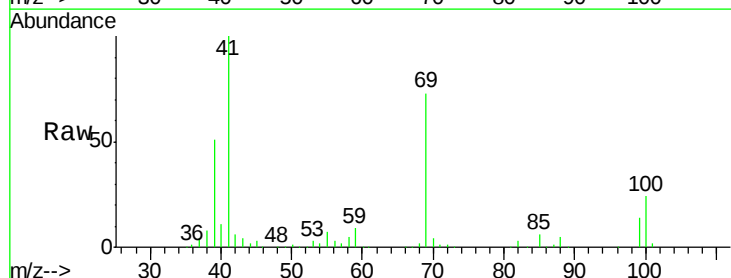
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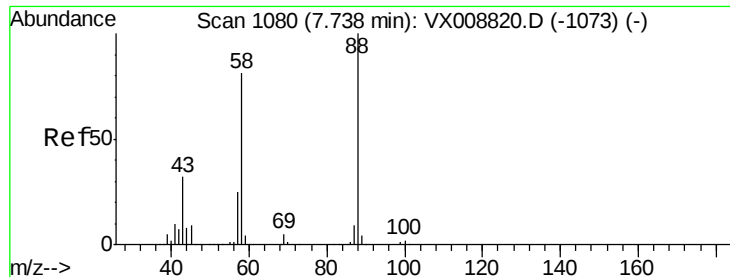
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#48
Methyl methacrylate
Concen: 18.094 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	41	Resp	58871
Ion Ratio	100	Lower	Upper
41	100		
69	73.5	59.0	88.4
39	50.2	41.0	61.4





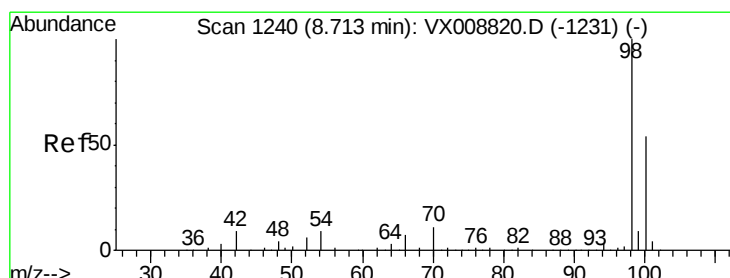
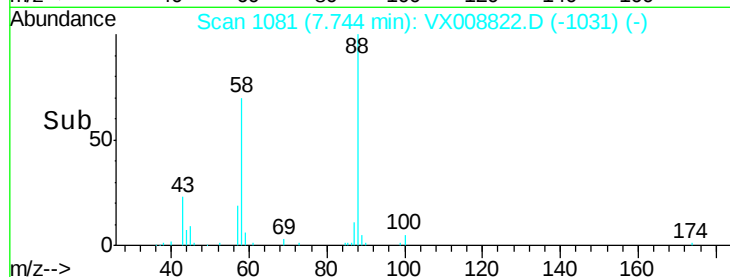
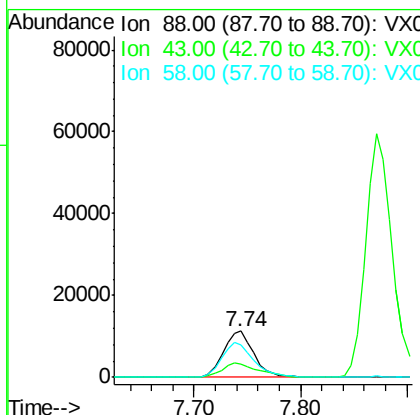
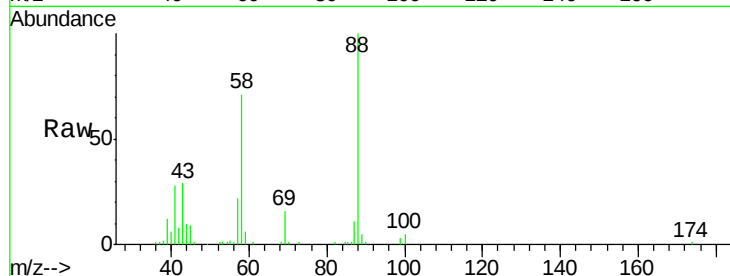
#49
1,4-Dioxane
Concen: 369.544 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	28.6	43.0
58	79.4	62.2	93.2

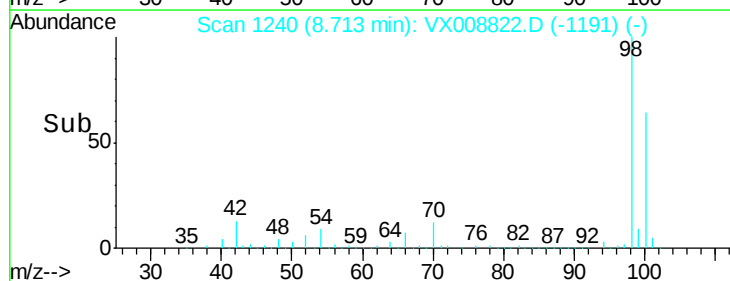
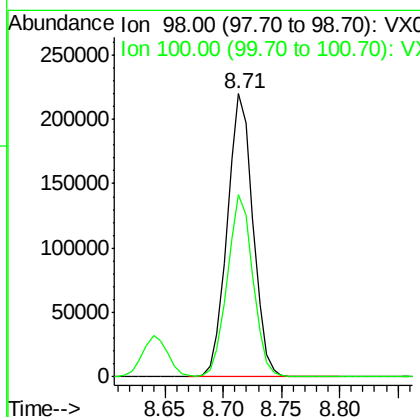
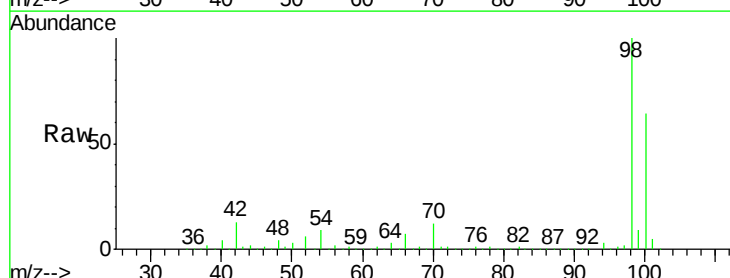
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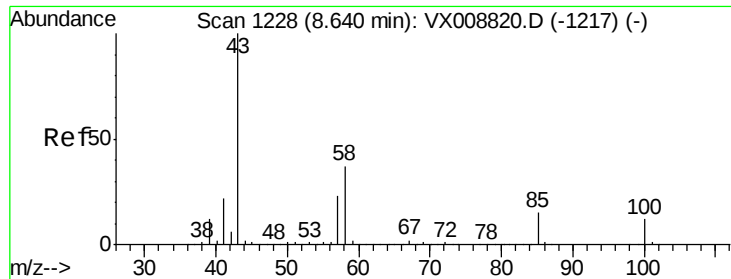
MMDadoda
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#50
Toluene-d8
Concen: 47.165 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 95.481 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion: 43 Resp: 395329

Ion Ratio Lower Upper

43 100

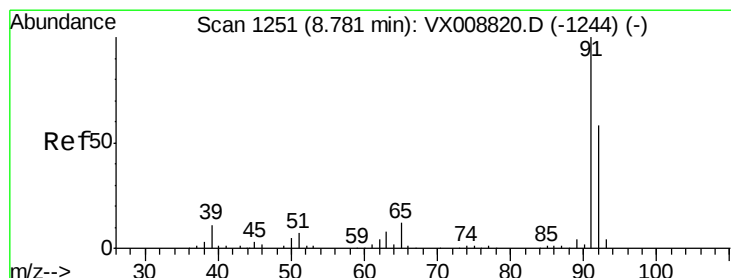
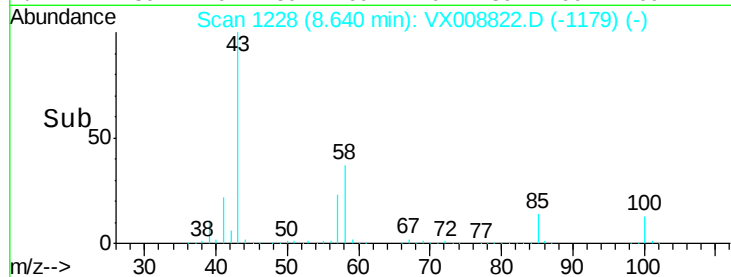
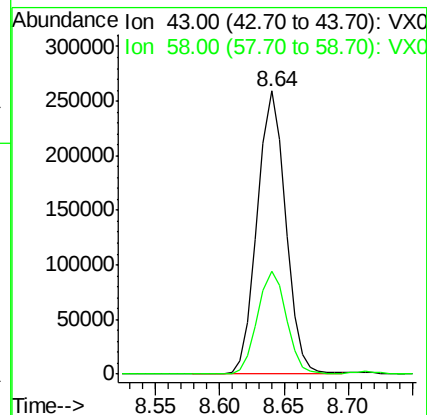
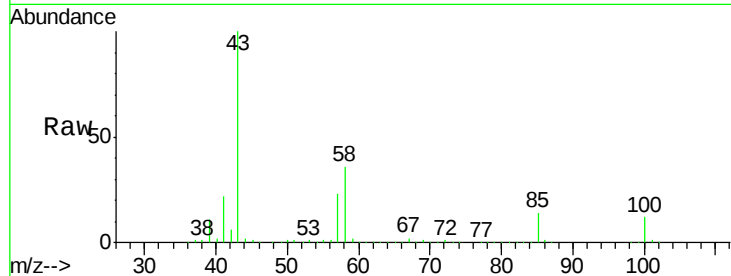
58 36.9 29.5 44.3

Manual Integrations

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4/11/2019 11:48:27 AM



#52

Toluene

Concen: 17.915 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008822.D

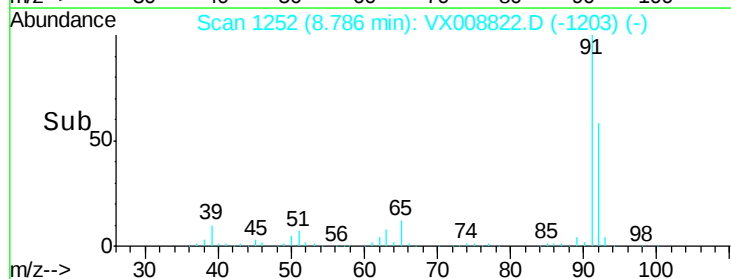
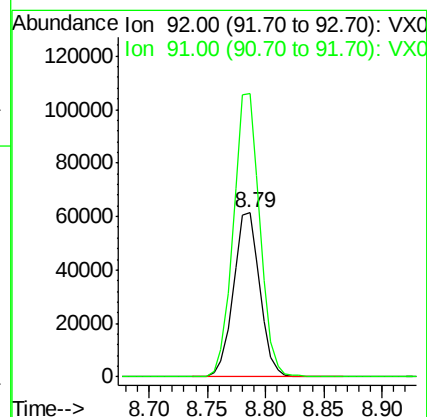
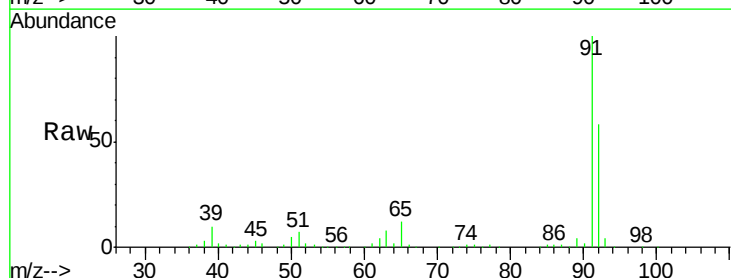
Acq: 10 Apr 2019 22:32

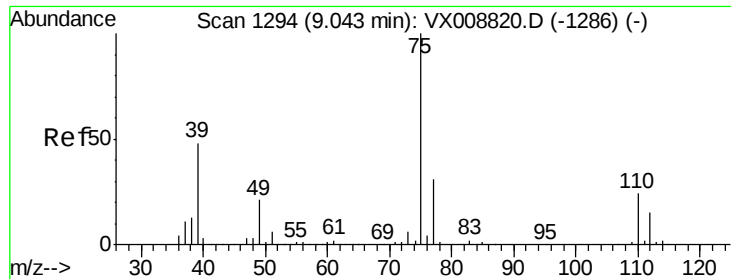
Tgt Ion: 92 Resp: 96786

Ion Ratio Lower Upper

92 100

91 173.2 138.5 207.7





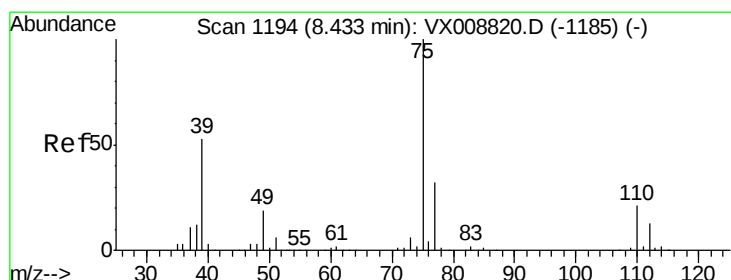
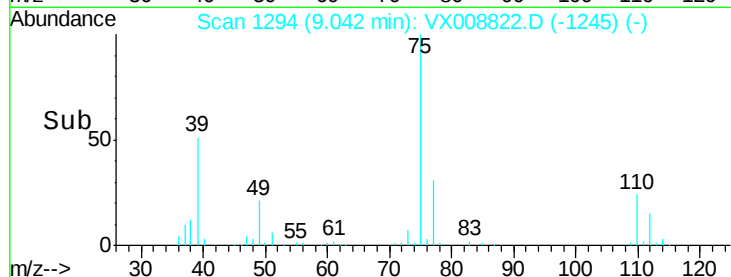
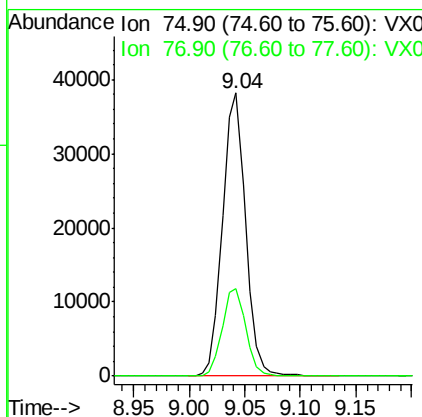
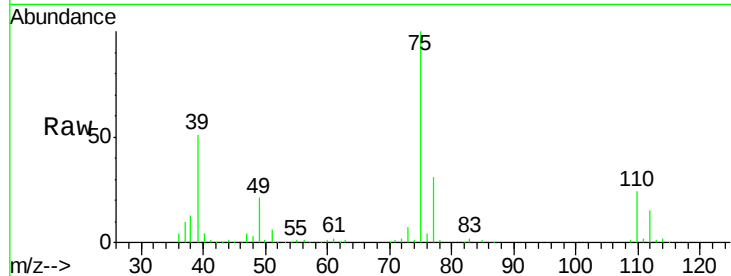
#53
 t-1,3-Dichloropropene
 Concen: 17.104 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Tot Ion: 75 Resp: 54802
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8

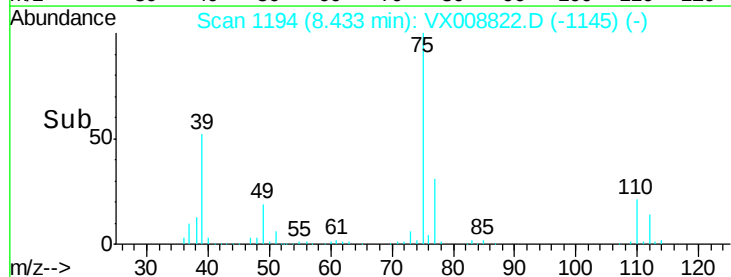
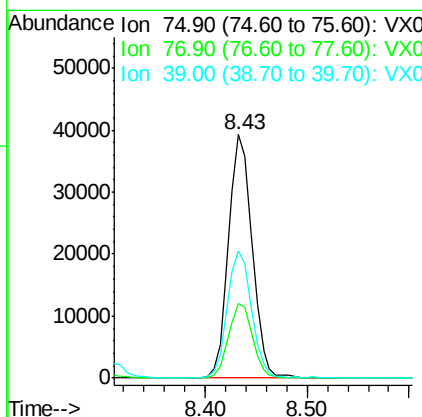
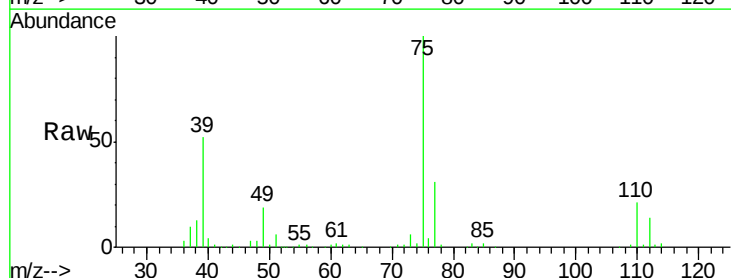
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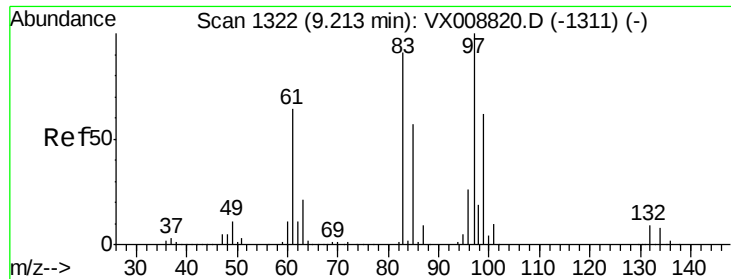
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#54
 cis-1,3-Dichloropropene
 Concen: 17.130 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion: 75 Resp: 62715
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 51.8 42.6 63.8





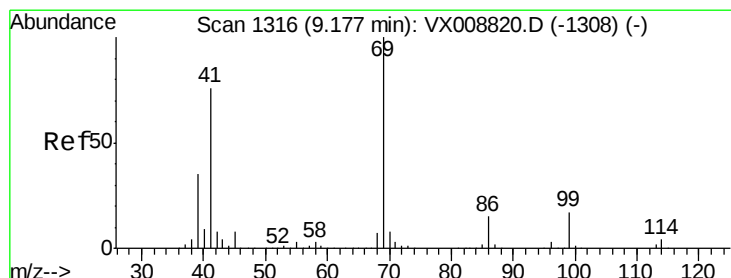
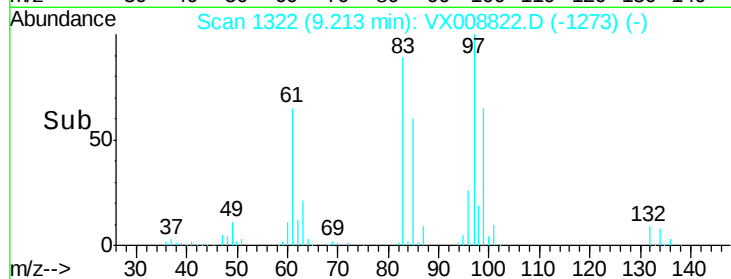
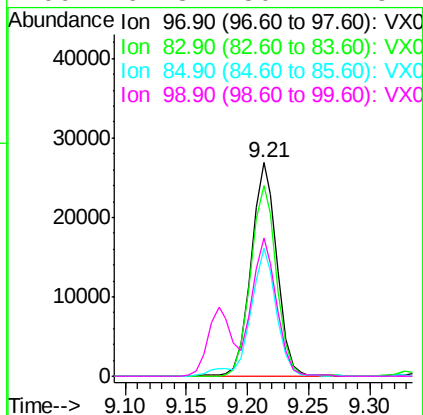
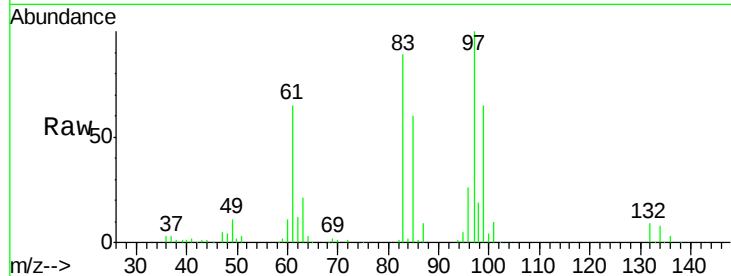
#55
 1,1,2-Trichloroethane
 Concen: 18.260 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Tot Ion:	97	Resp:	39599
Ion	Ratio	Lower	Upper
97	100		
83	89.2	73.2	109.8
85	59.6	46.6	69.8
99	64.3	50.1	75.1

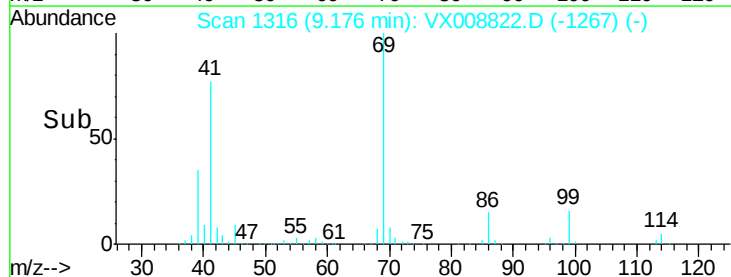
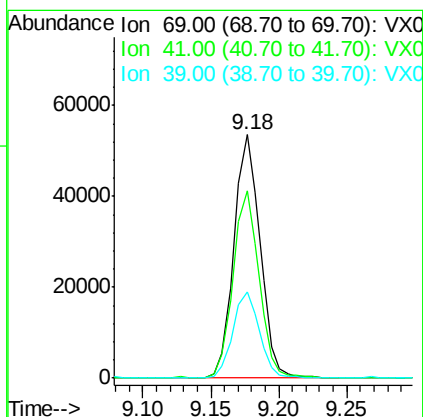
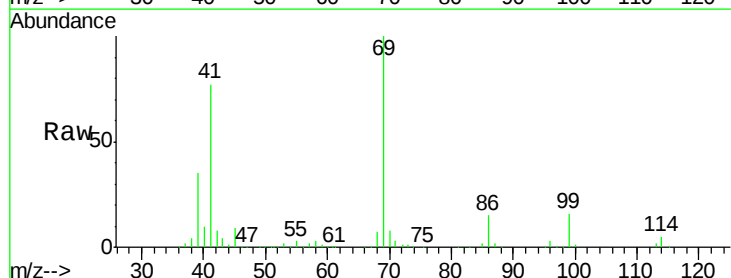
Manual Integrations
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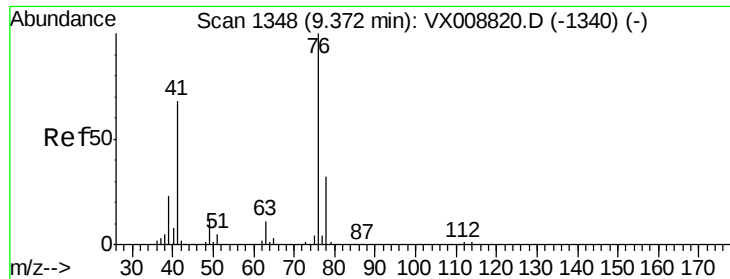
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#56
 Ethyl methacrylate
 Concen: 18.366 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion:	69	Resp:	72065
Ion	Ratio	Lower	Upper
69	100		
41	76.3	60.1	90.1
39	35.8	28.9	43.3





#57

1,3-Dichloropropane

Concen: 18.217 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion: 76 Resp: 70941

Ion Ratio Lower Upper

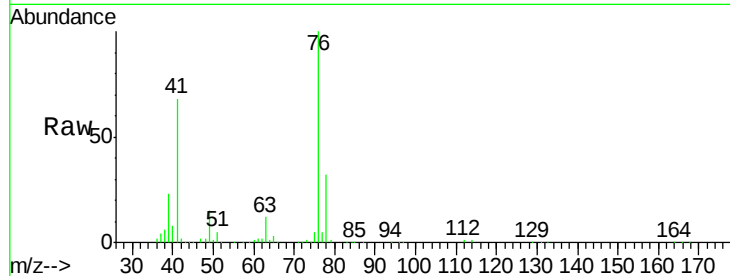
76 100

78 32.1 25.6 38.4

Manual Integrations
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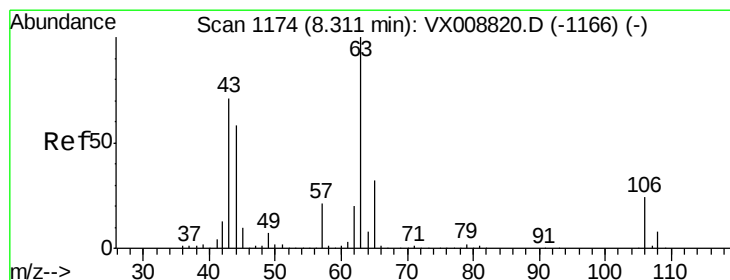
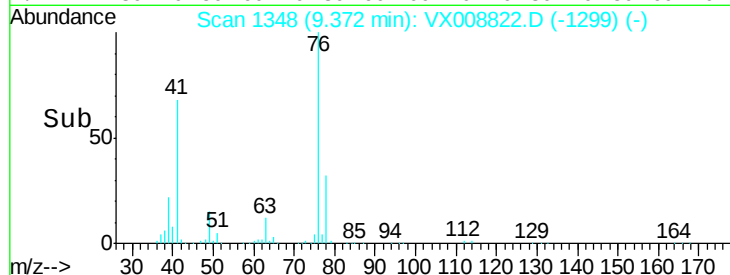
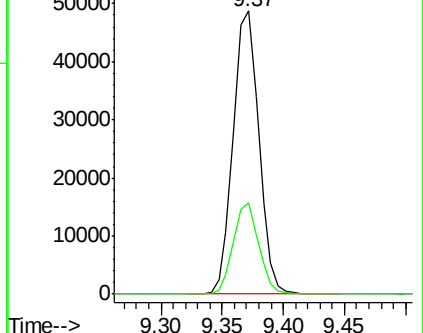
MMDadoda

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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: 94.846 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008822.D

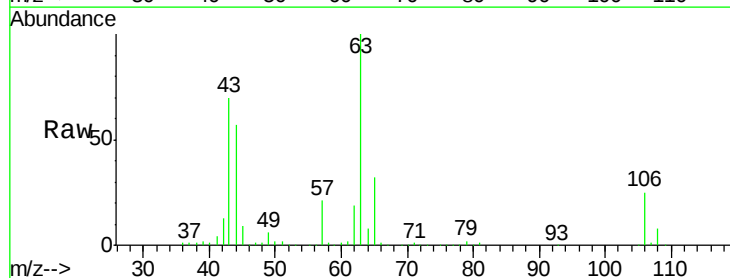
Acq: 10 Apr 2019 22:32

Tgt Ion: 63 Resp: 190028

Ion Ratio Lower Upper

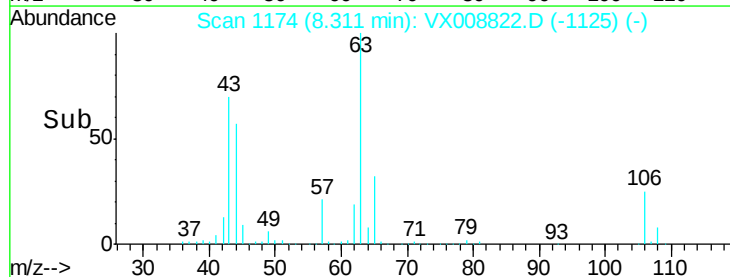
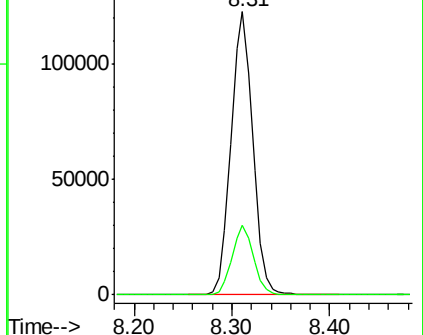
63 100

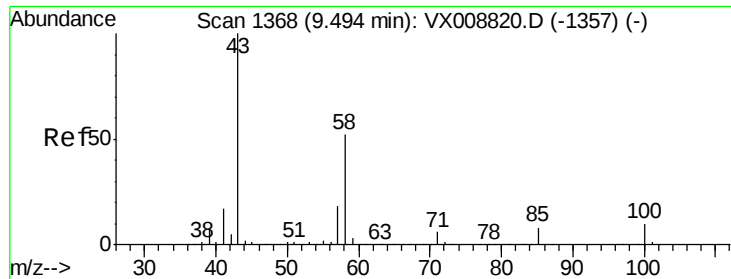
106 24.2 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





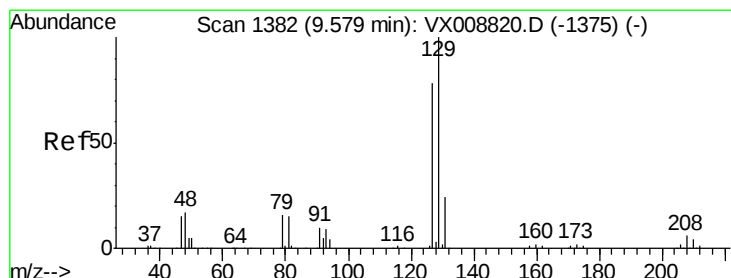
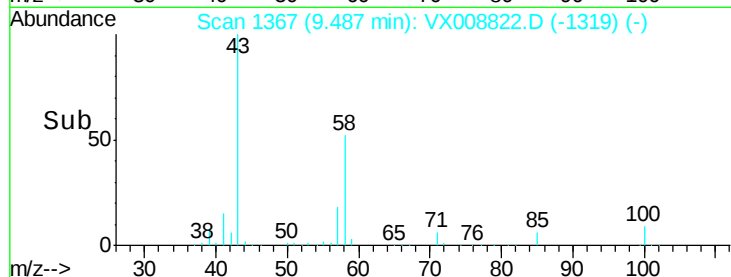
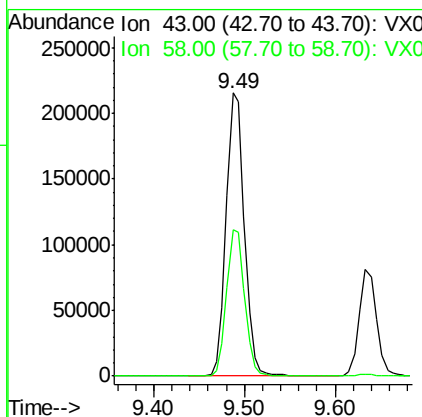
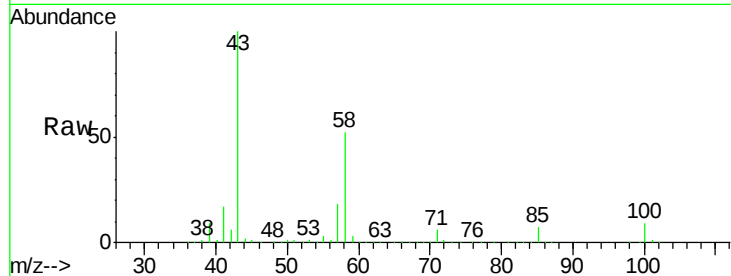
#59
2-Hexanone
Concen: 93.468 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion: 43 Resp: 300752
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.7

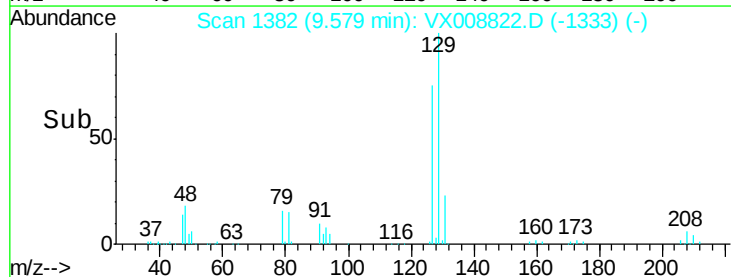
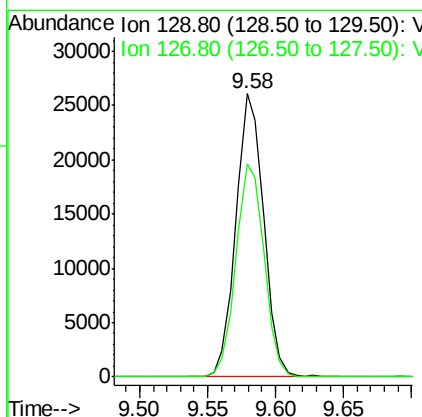
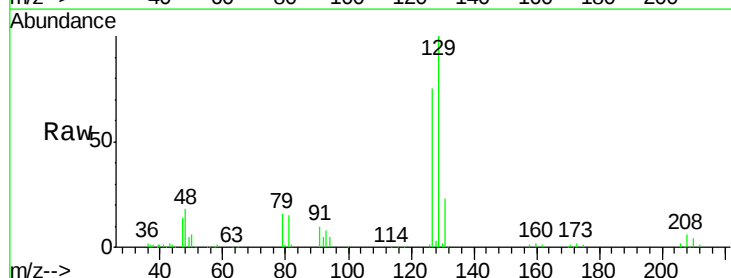
Manual Integrations
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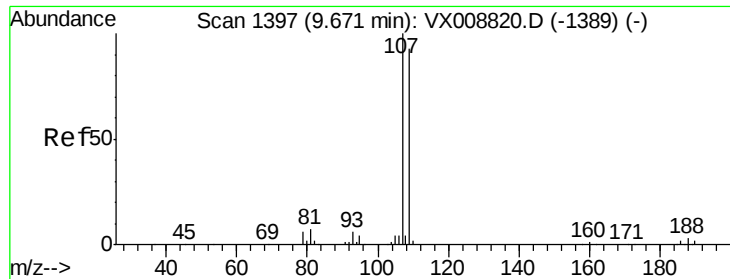
MMDadoda
4/11/2019 11:48:27 AM



#60
Dibromochloromethane
Concen: 18.178 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 129 Resp: 37147
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.557 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion:107 Resp: 39637

Ion Ratio Lower Upper

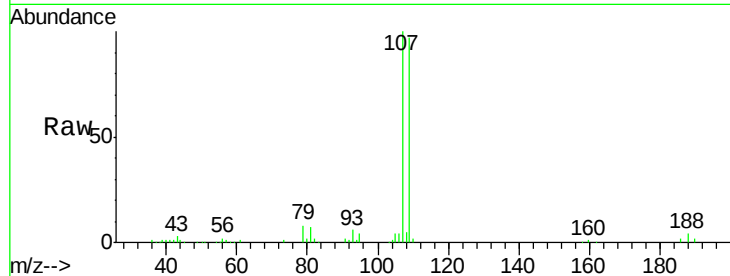
107 100

109 95.2 74.1 111.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

25000

20000

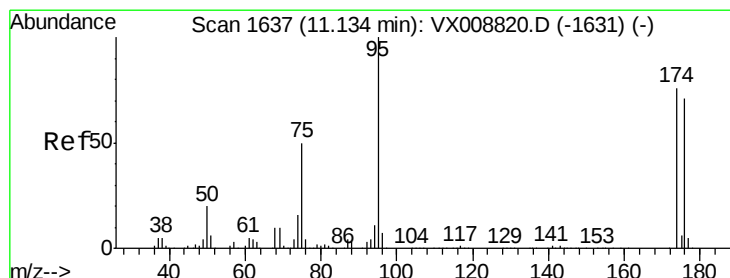
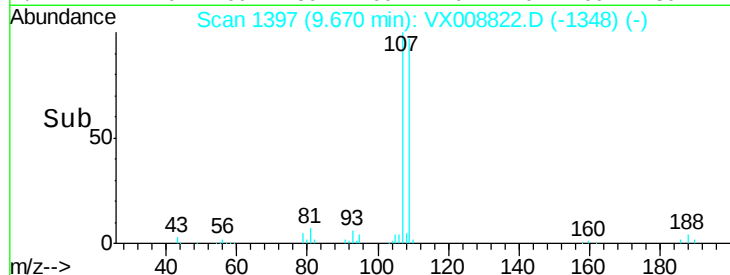
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.553 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

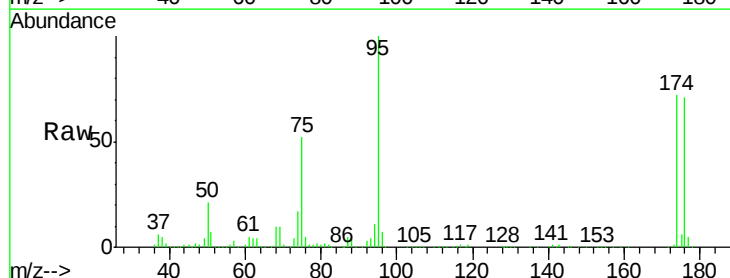
Tgt Ion: 95 Resp: 120806

Ion Ratio Lower Upper

95 100

174 78.6 0.0 151.8

176 76.5 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

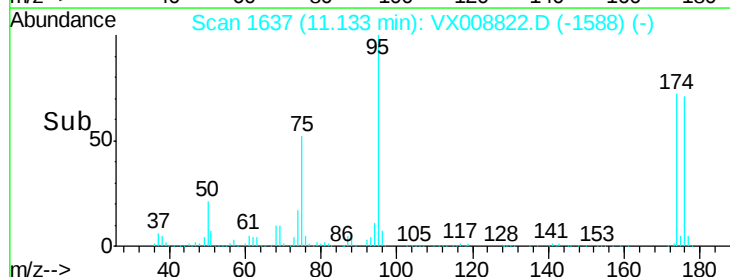
60000

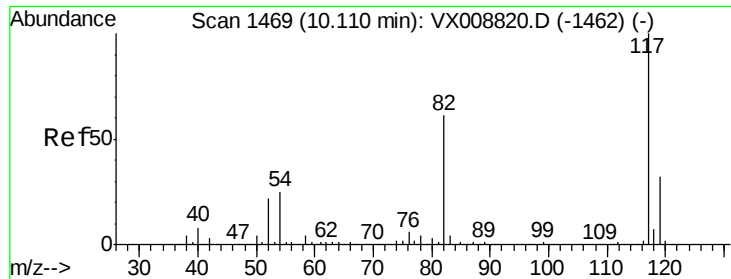
40000

20000

0

Time-->





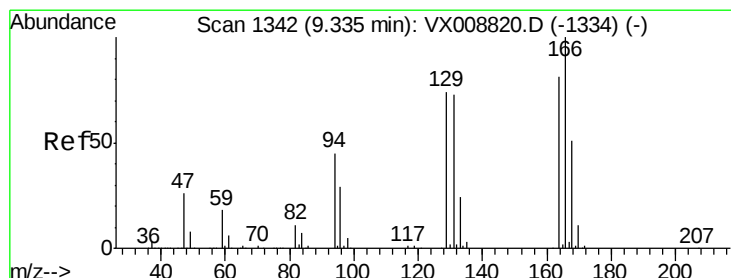
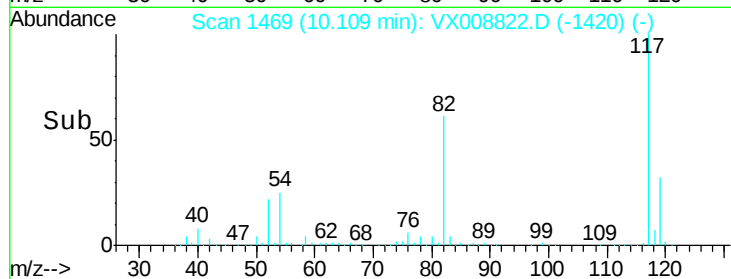
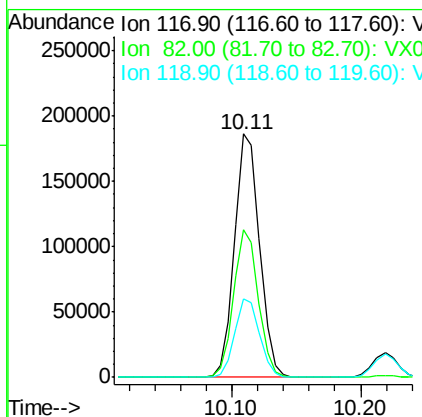
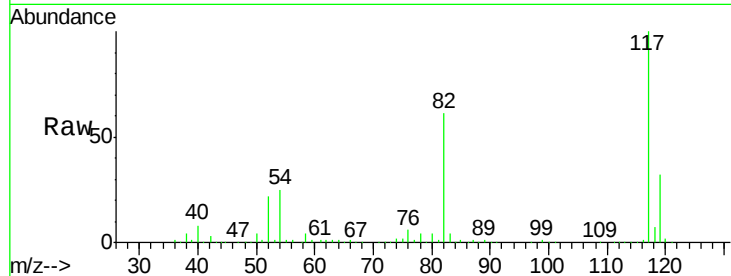
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.6	74.4
119	32.1	25.0	37.4

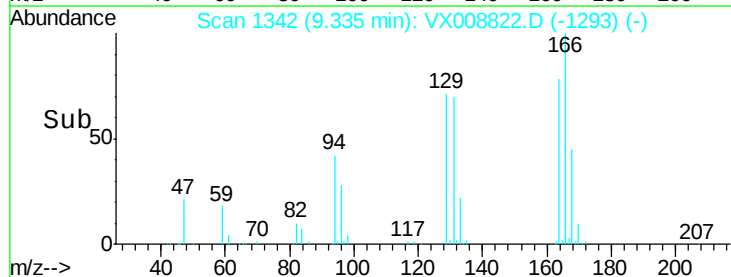
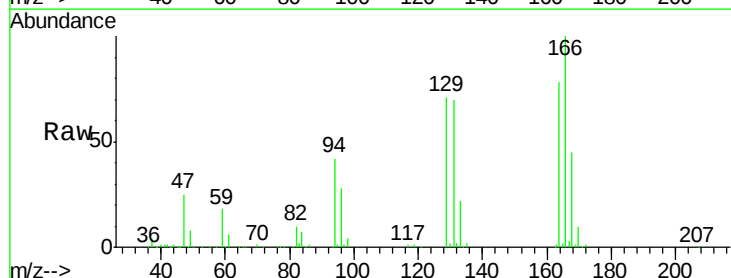
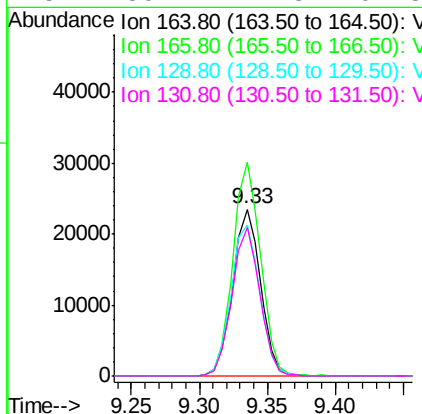
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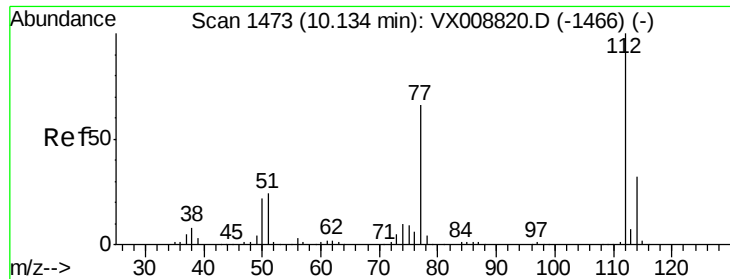
MMDadoda
4/11/2019 11:48:27 AM



#64
Tetrachloroethene
Concen: 17.918 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.0	151.6
129	90.8	75.8	113.8
131	89.1	71.8	107.8





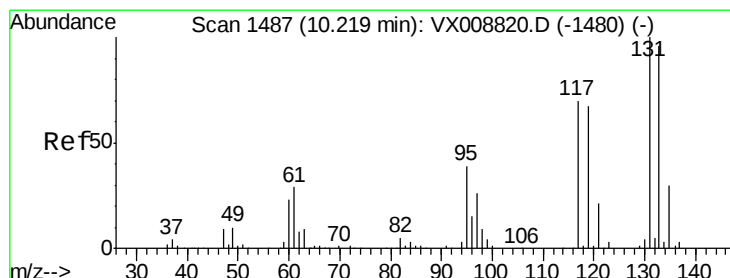
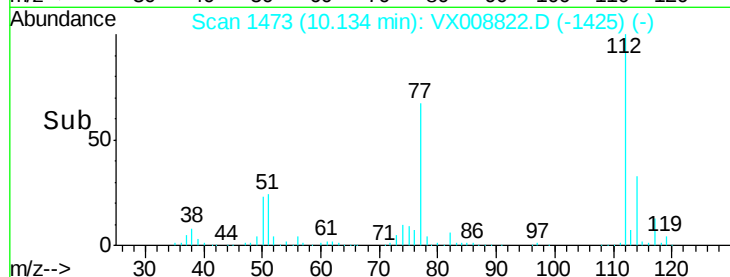
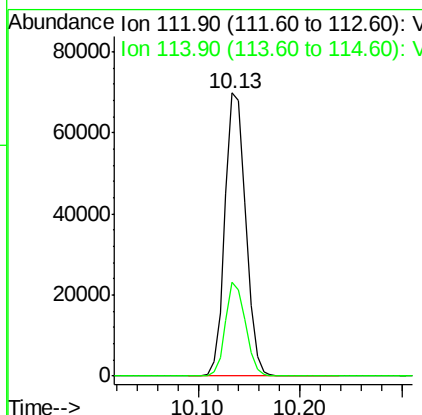
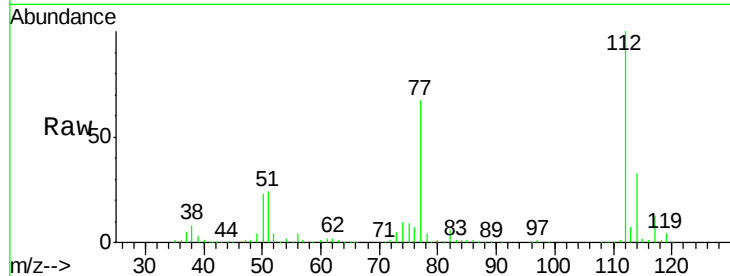
#65
Chlorobenzene
Concen: 17.642 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion:112 Resp: 98858
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

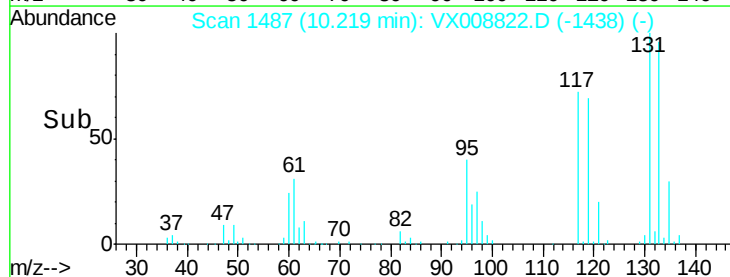
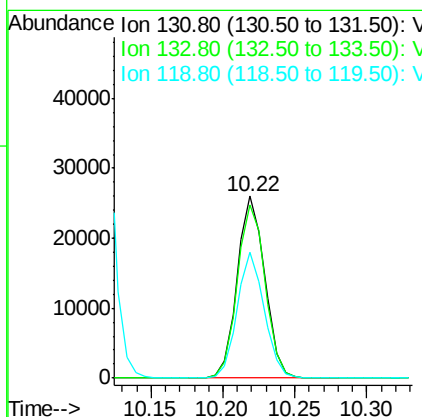
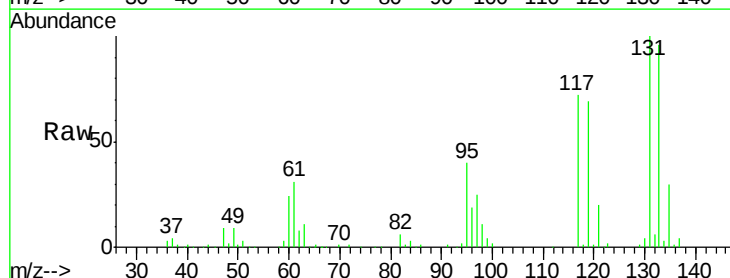
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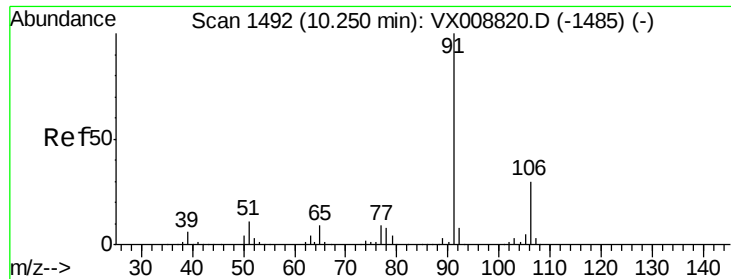
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.665 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion:131 Resp: 34727
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.2
119 67.9 33.7 101.0





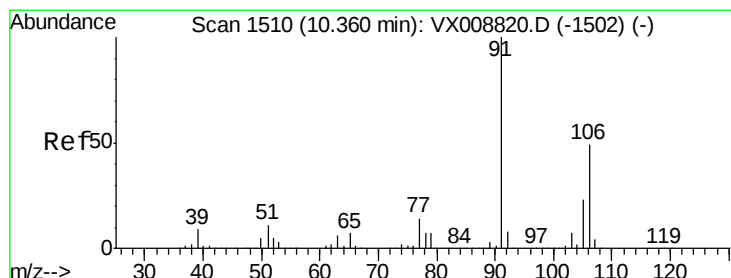
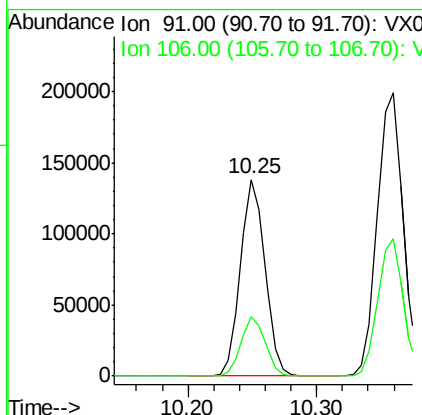
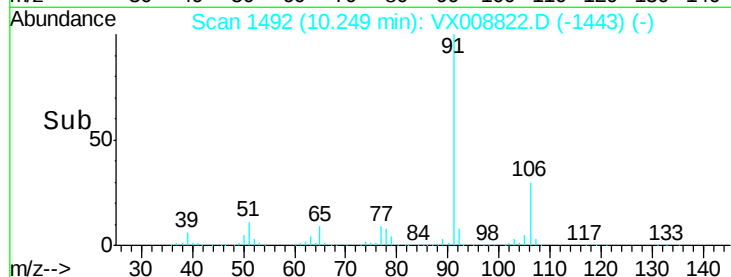
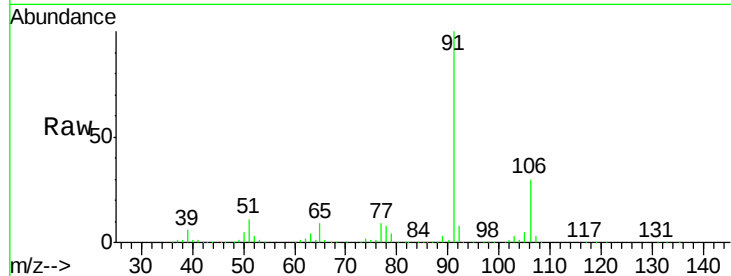
#67
Ethyl Benzene
Concen: 17.477 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion: 91 Resp: 182617
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5

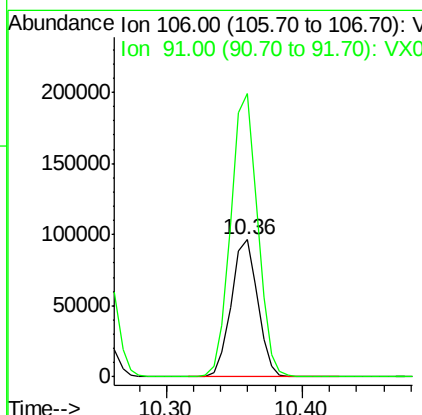
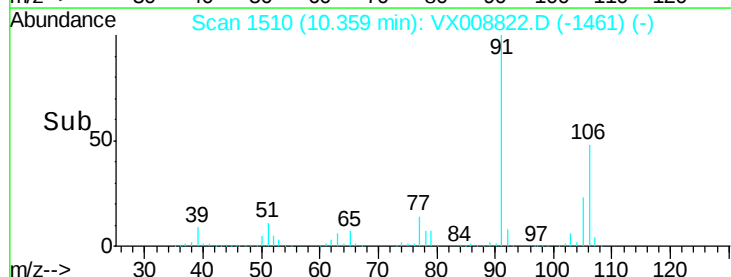
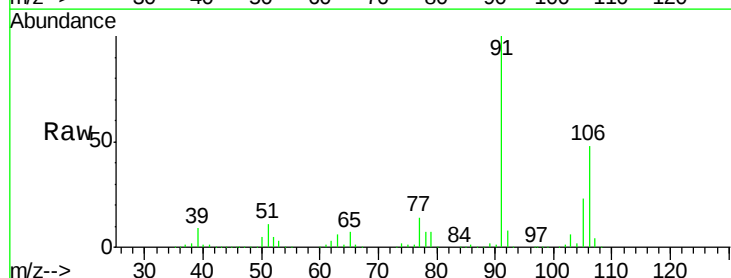
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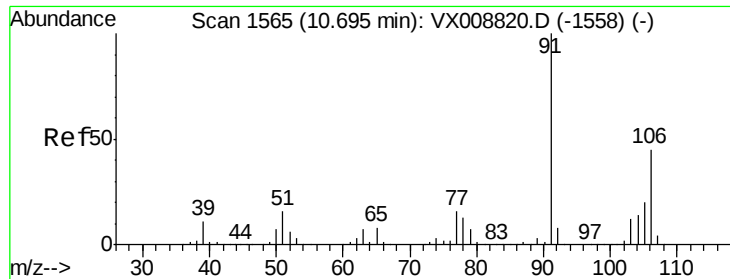
MMDadoda
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#68
m/p-Xylenes
Concen: 34.761 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion: 106 Resp: 130596
Ion Ratio Lower Upper
106 100
91 210.1 168.5 252.7





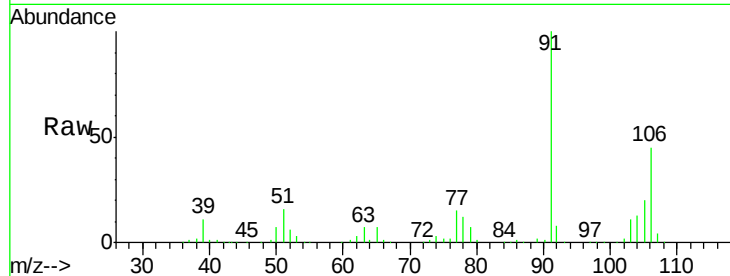
#69
o-Xylene
Concen: 17.826 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

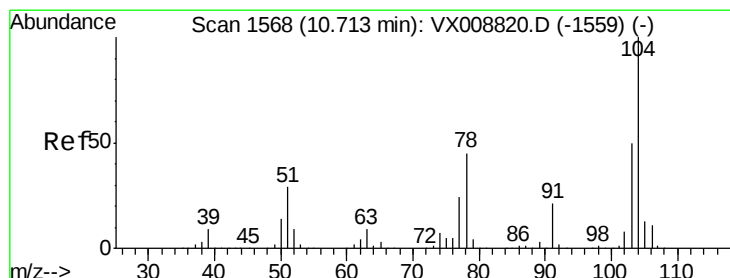
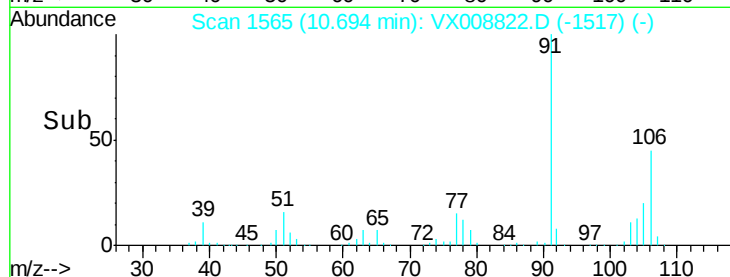
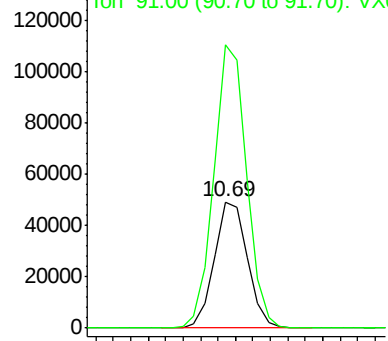
Tot Ion:106 Resp: 64902
Ion Ratio Lower Upper
106 100
91 221.0 111.5 334.4

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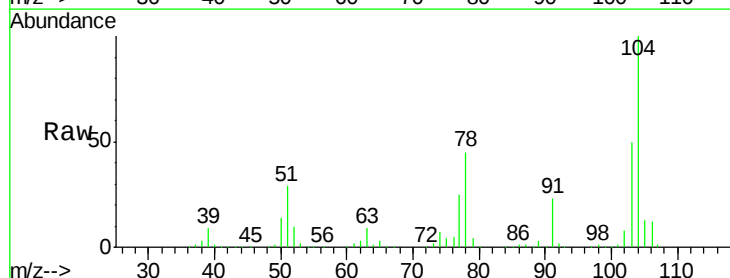


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

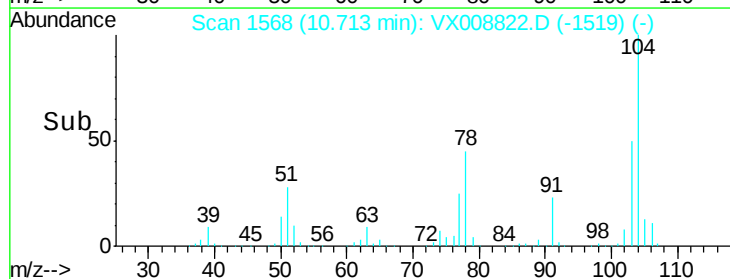
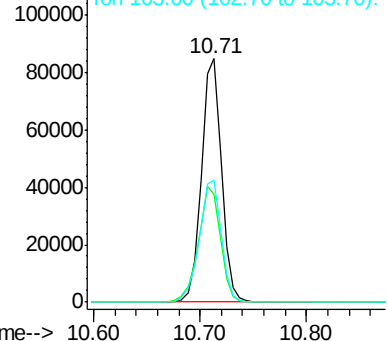


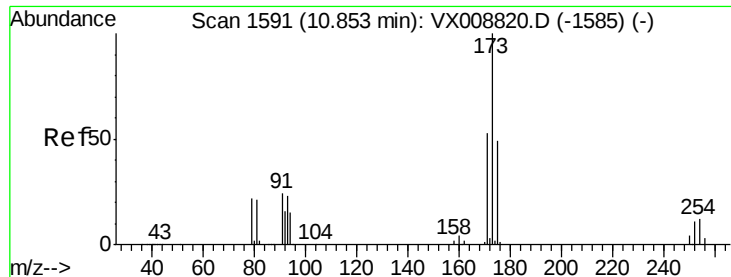
#70
Styrene
Concen: 17.903 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion:104 Resp: 112362
Ion Ratio Lower Upper
104 100
78 52.1 42.3 63.5
103 55.0 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





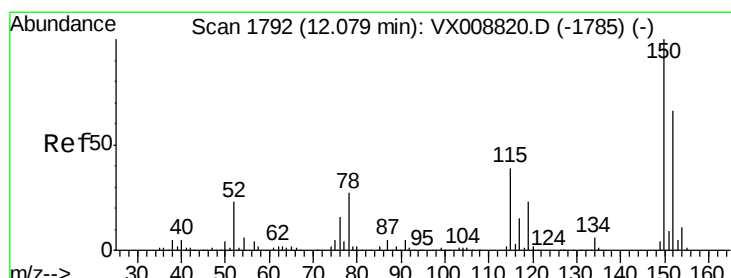
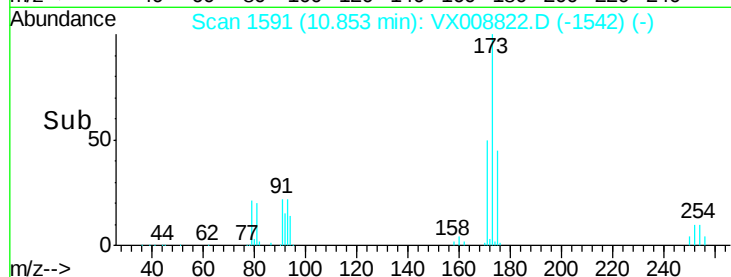
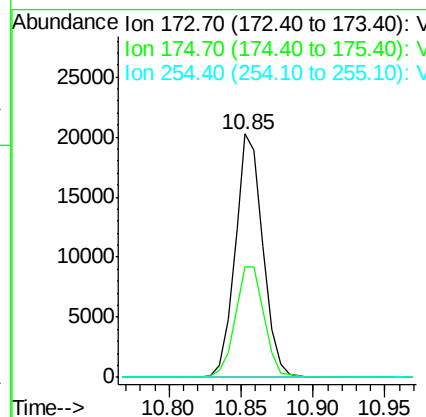
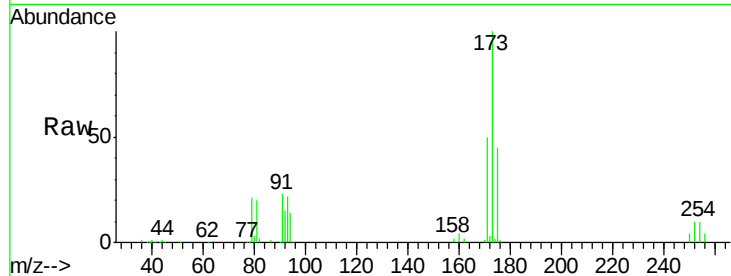
#71
Bromoform
Concen: 18.044 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.9	74.6
254	0.0	0.1	0.1#

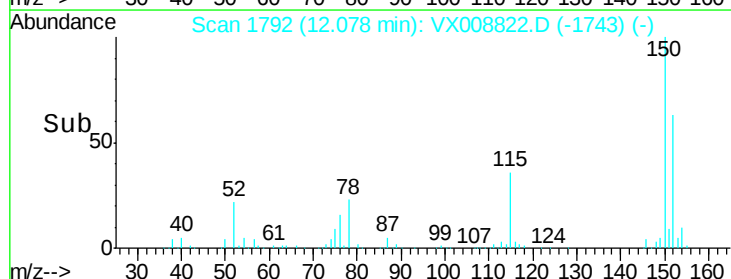
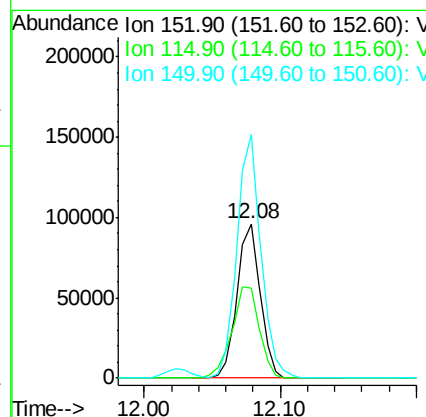
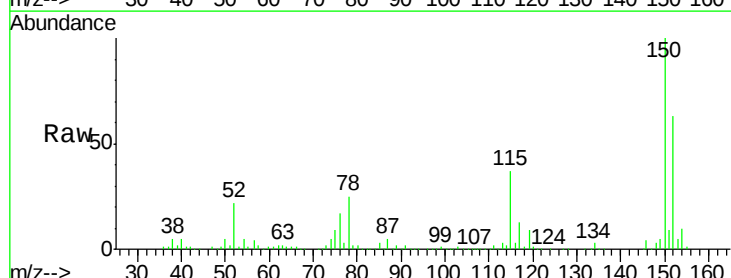
Manual Integrations
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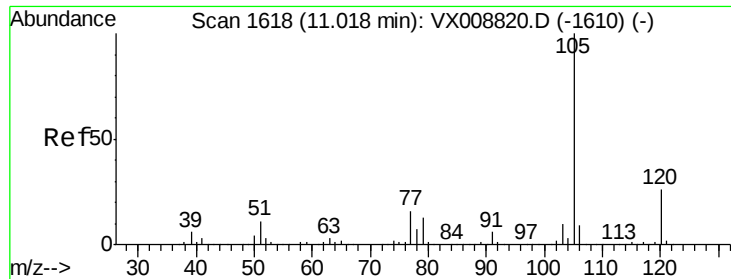
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4/11/2019 11:48:27 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.5	43.5	130.5
150	163.2	0.0	348.8





#73

Isopropylbenzene

Concen: 17.930 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion: 105 Resp: 170041

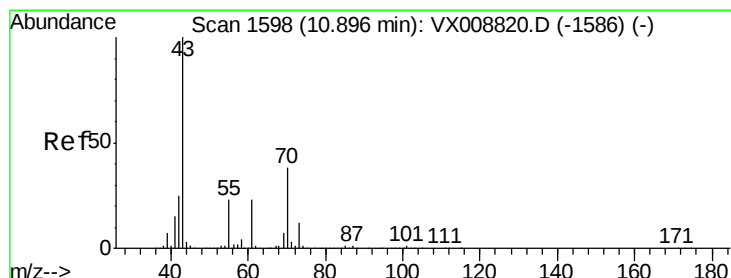
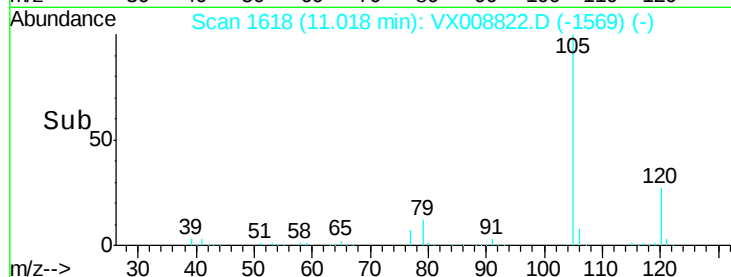
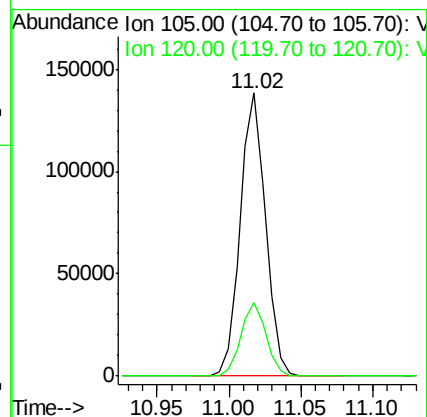
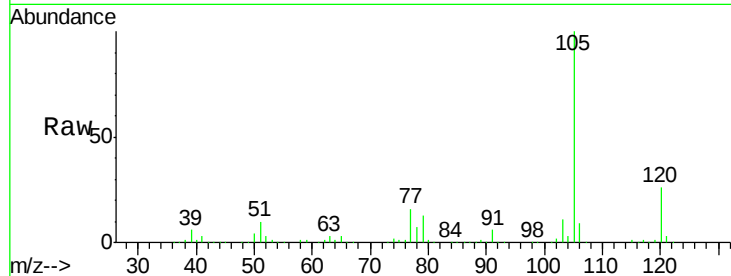
Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.107 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Tgt Ion: 43 Resp: 101031

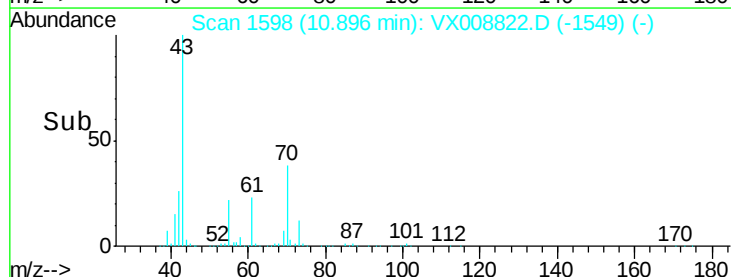
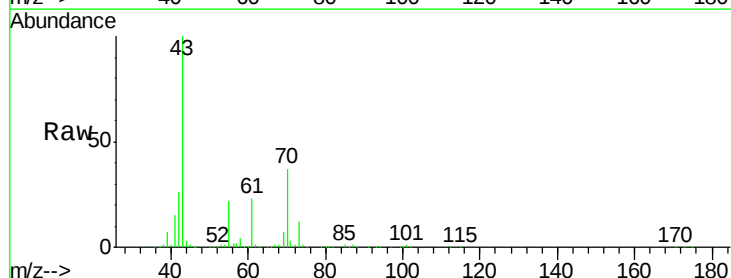
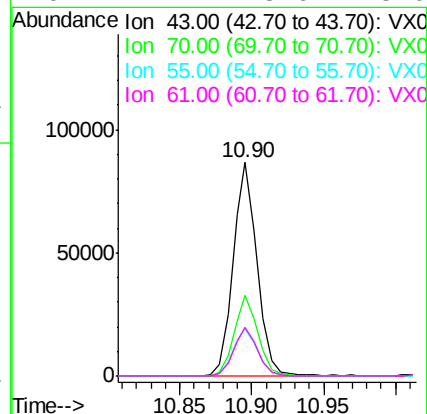
Ion Ratio Lower Upper

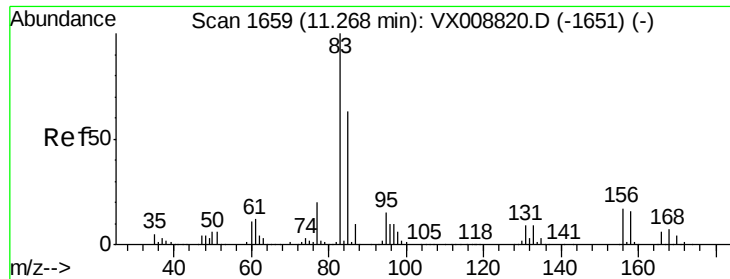
43 100

70 37.5 30.2 45.4

55 23.0 18.2 27.4

61 22.7 18.6 28.0





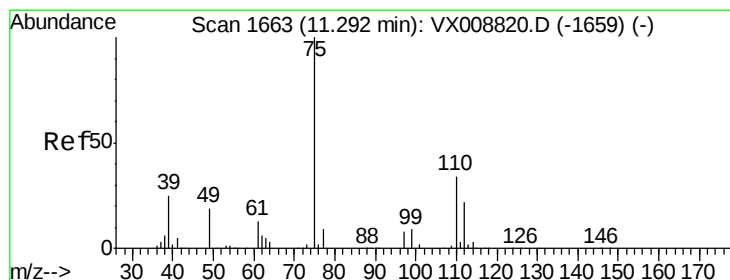
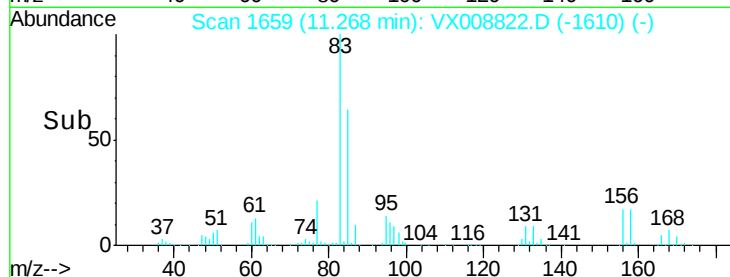
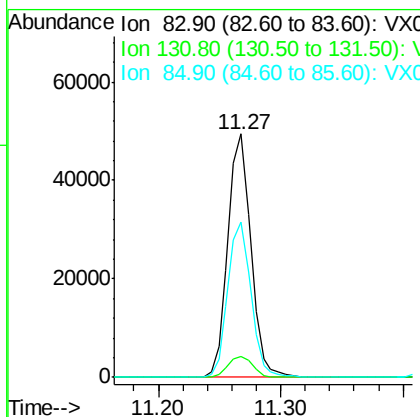
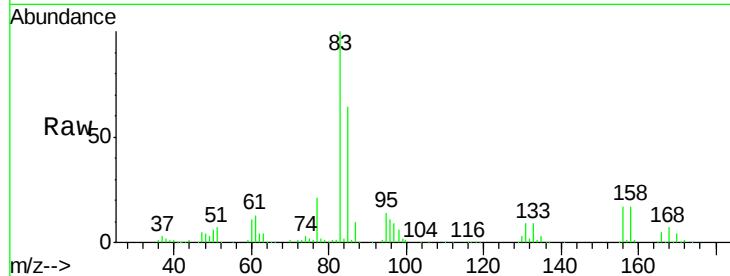
#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.905 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Tot Ion	83	Resp	64579
Ion Ratio	100	Lower	Upper
83	100		
131	9.2	4.5	13.7
85	64.3	32.0	96.2

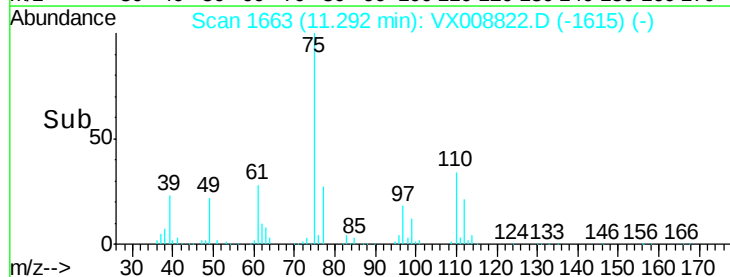
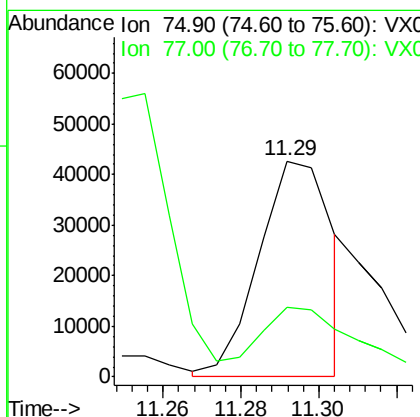
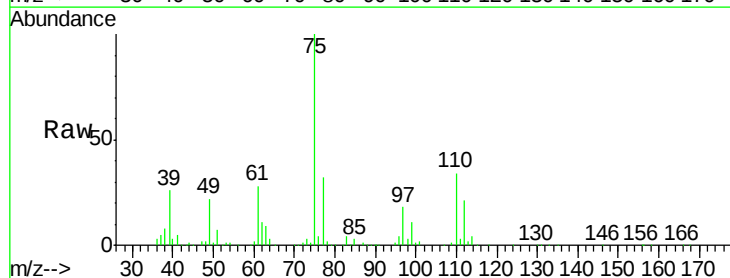
Manual Integrations
 APPROVED

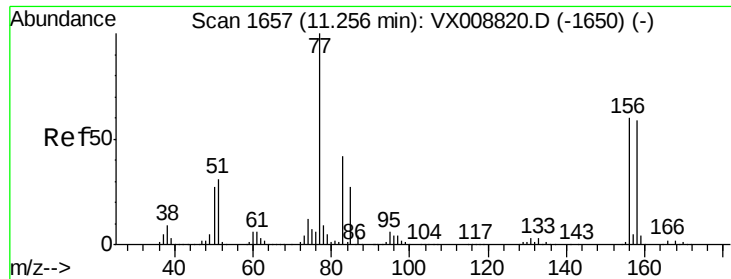
MMDadoda
 4/11/2019 11:48:27 AM



#76
 1,2,3-Trichloropropane
 Concen: 17.806 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion	75	Resp	55975
Ion Ratio	100	Lower	Upper
75	100		
77	43.2	22.3	66.8





#77

Bromobenzene

Concen: 18.313 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion:156 Resp: 41751

Ion Ratio Lower Upper

156 100

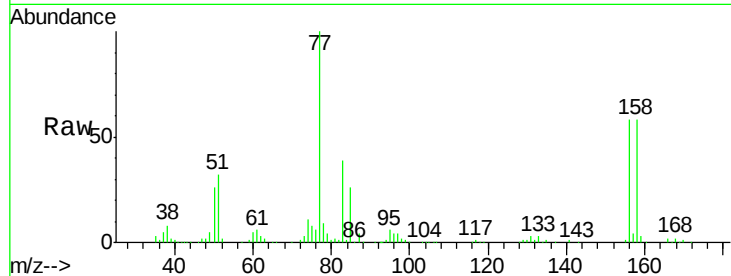
77 176.7 89.8 269.6

158 98.3 48.6 145.9

Manual Integrations
APPROVED

MMDadoda

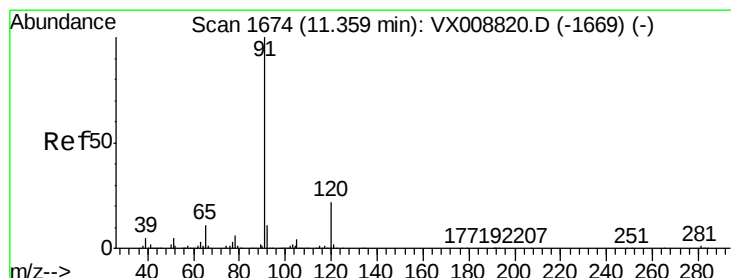
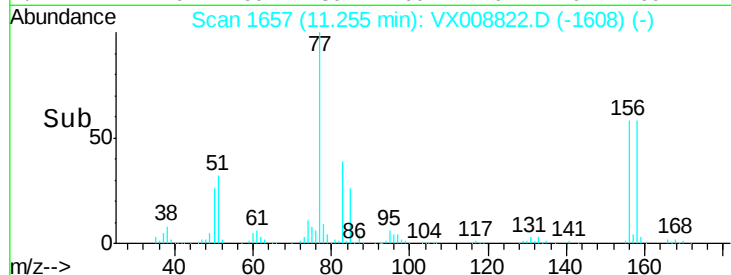
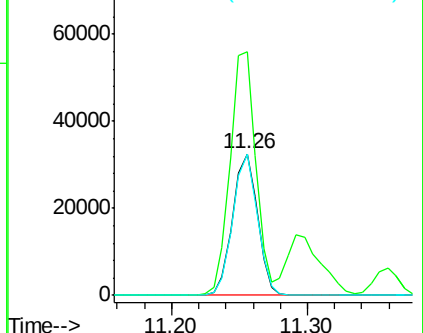
4/11/2019 11:48:27 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.633 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008822.D

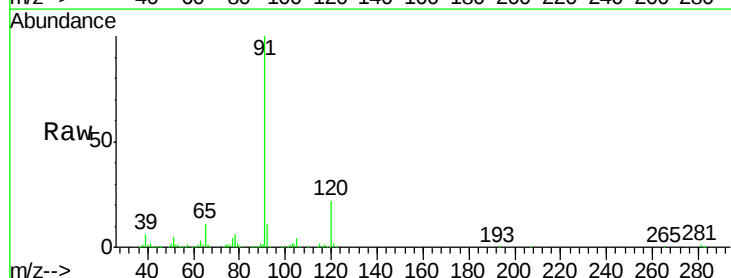
Acq: 10 Apr 2019 22:32

Tgt Ion: 91 Resp: 194708

Ion Ratio Lower Upper

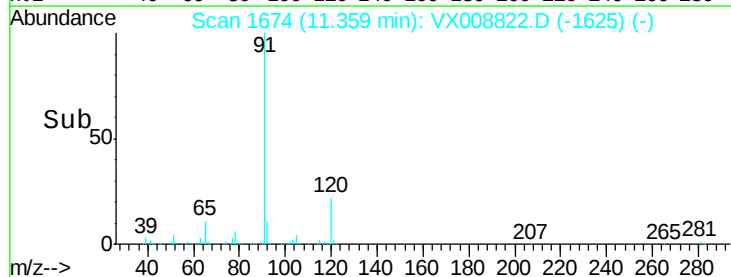
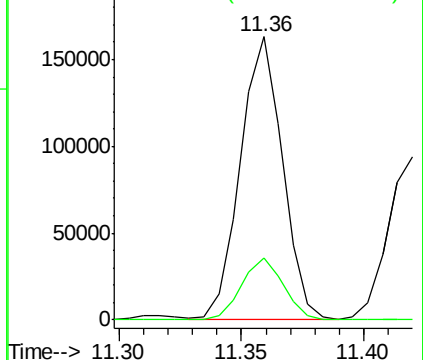
91 100

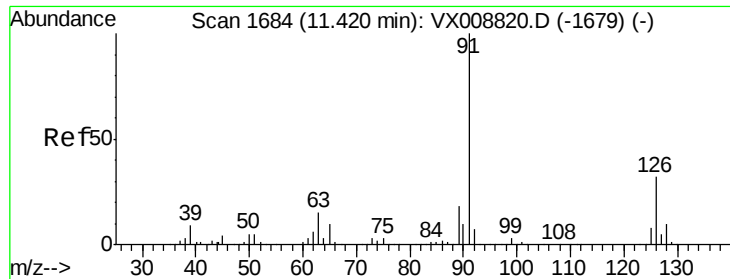
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.776 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion: 91 Resp: 118786

Ion Ratio Lower Upper

91 100

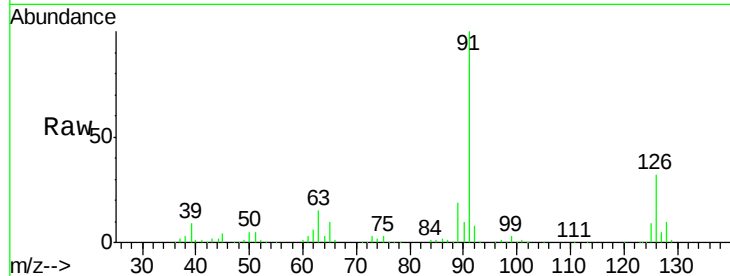
126 32.3 16.1 48.3

Manual Integrations

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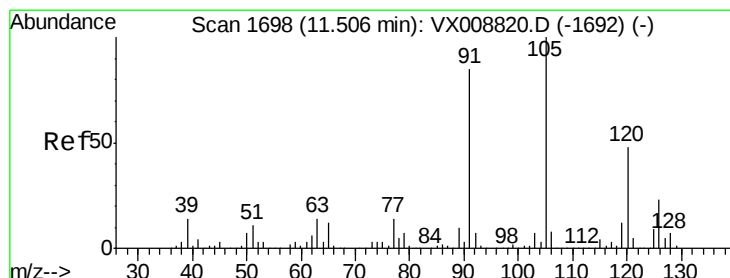
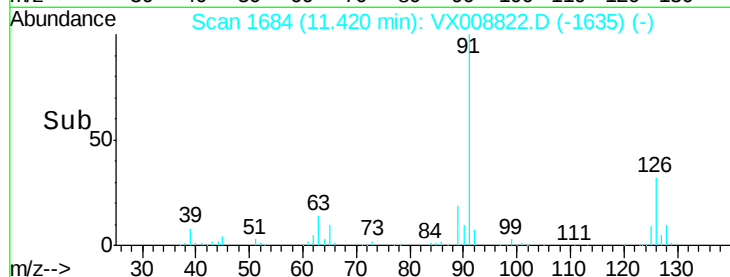
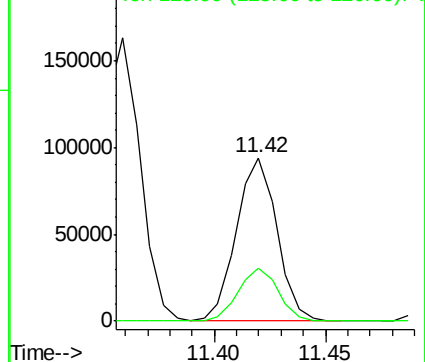
MMDadoda

4/11/2019 11:48:27 AM



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: 18.029 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008822.D

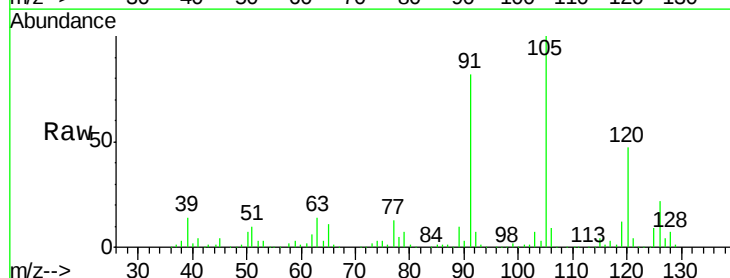
Acq: 10 Apr 2019 22:32

Tgt Ion:105 Resp: 143519

Ion Ratio Lower Upper

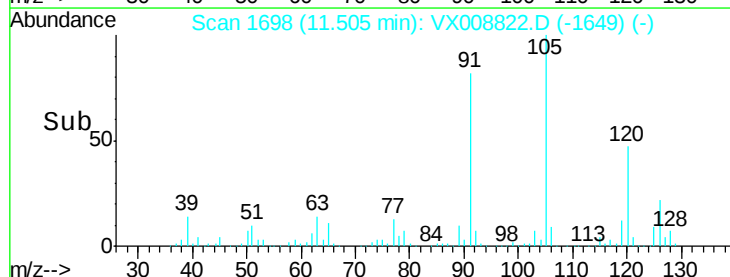
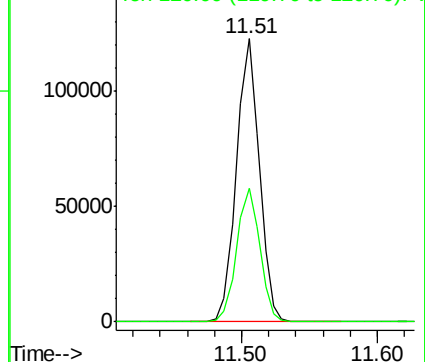
105 100

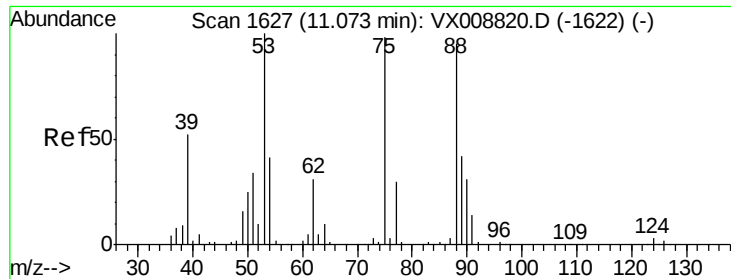
120 47.9 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





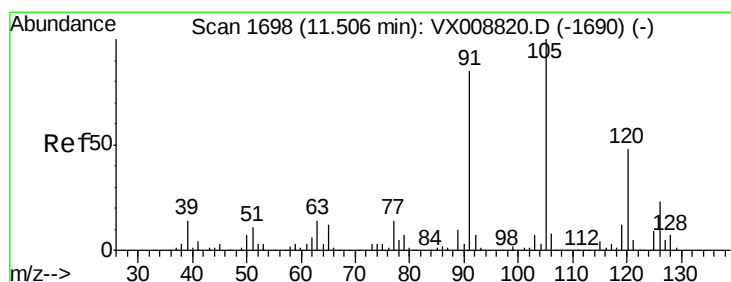
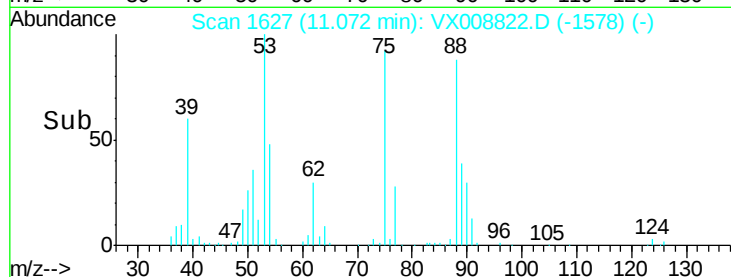
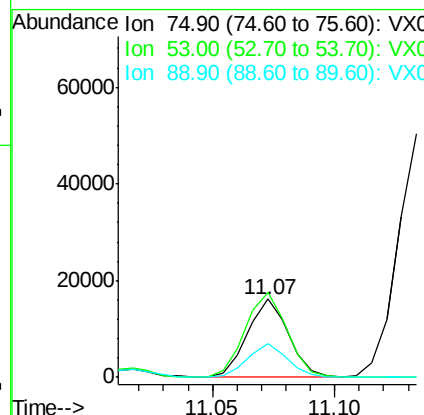
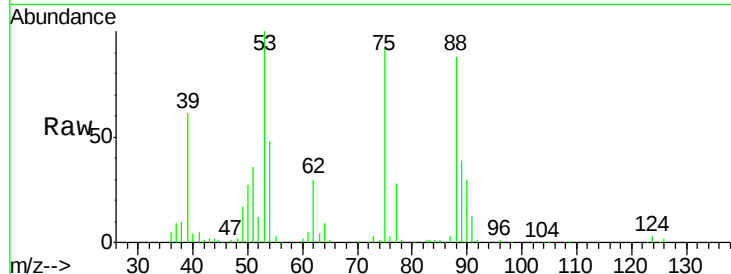
#81
trans-1,4-Dichloro-2-butene
Concen: 16.513 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.7	81.3	121.9
89	42.8	35.6	53.4

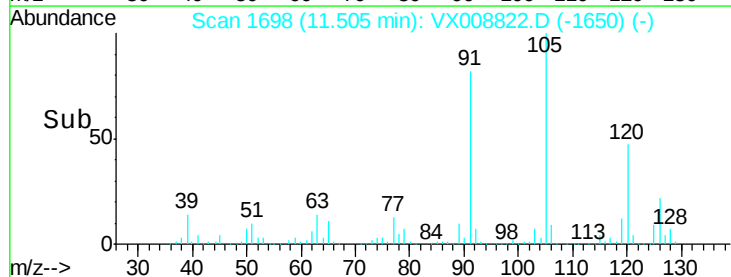
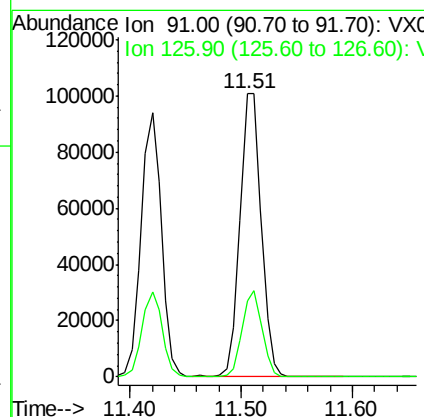
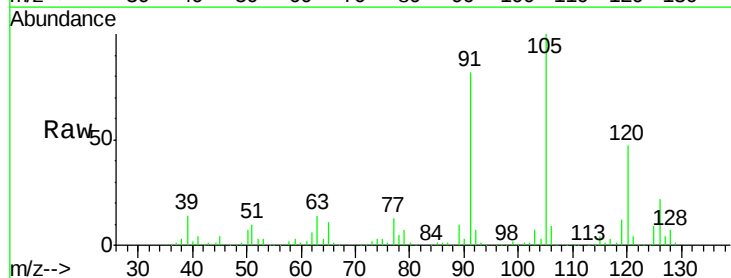
Manual Integrations
APPROVED

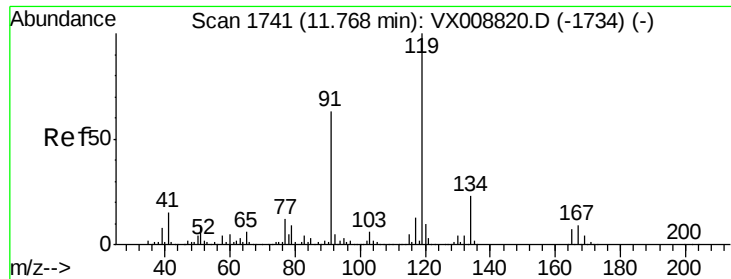
MMDadoda
4/11/2019 11:48:27 AM



#82
4-Chlorotoluene
Concen: 17.296 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.4	13.9	41.6





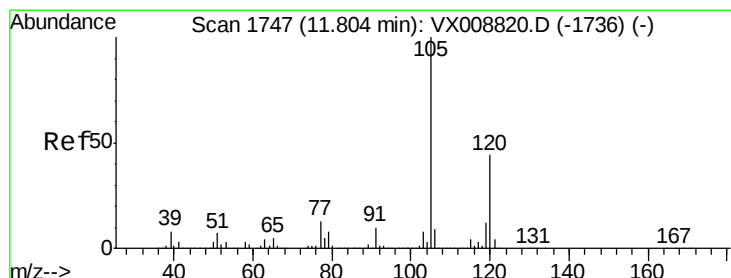
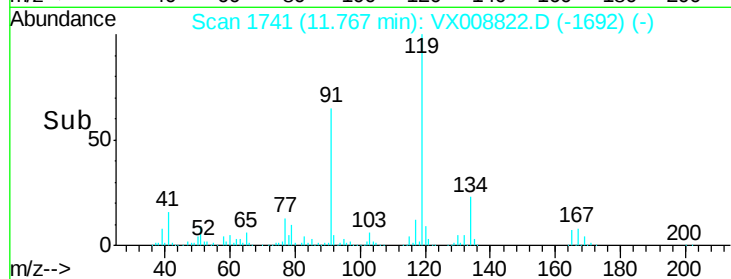
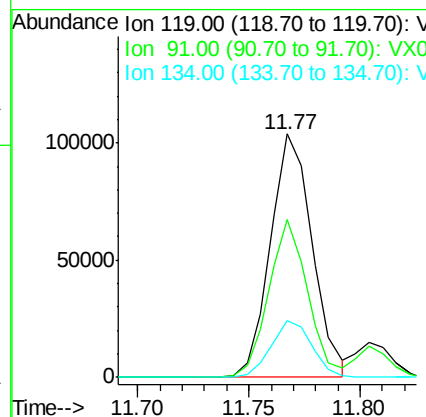
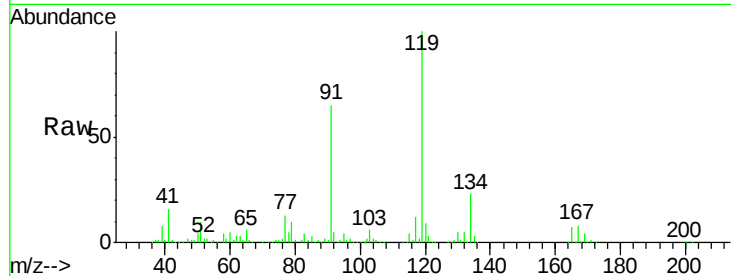
#83
tert-Butylbenzene
Concen: 17.704 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	135590		
91	60.3	30.0	90.1	
134	22.8	11.1	33.3	

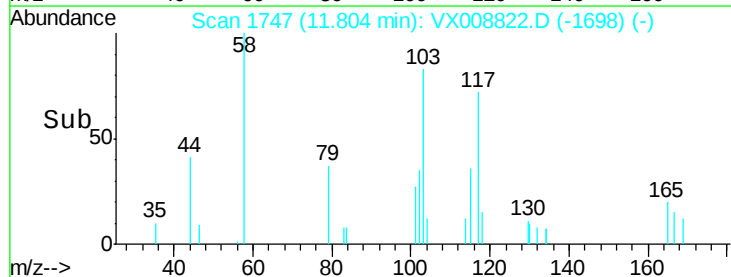
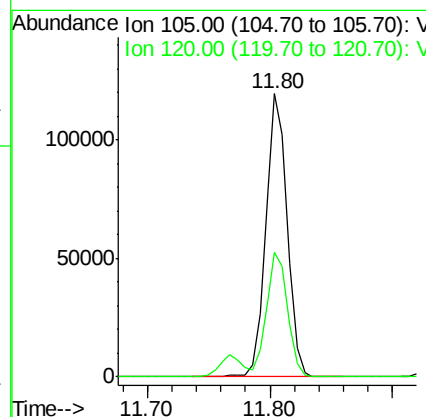
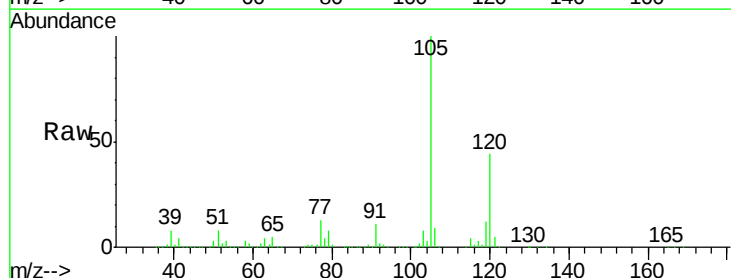
Manual Integrations
APPROVED

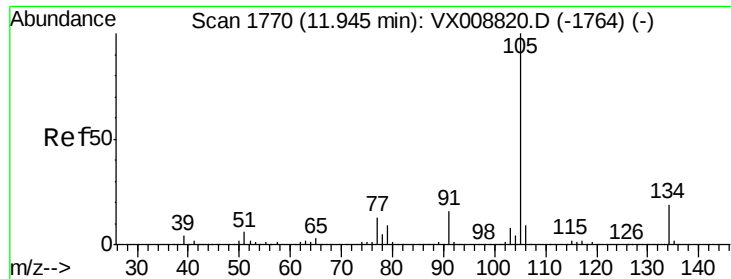
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 18.033 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	145355		
120	43.3	21.8	65.3	





#85

sec-Butylbenzene

Concen: 17.721 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS02

Tot Ion:105 Resp: 161208

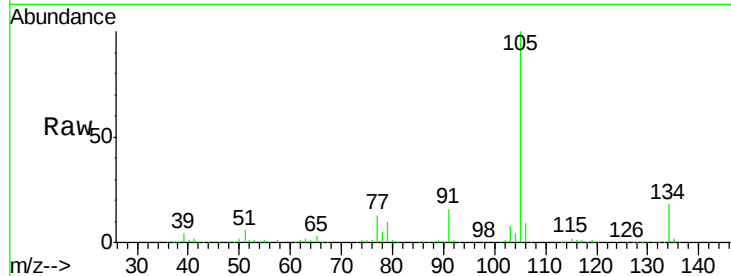
Ion Ratio Lower Upper

105 100

134 19.0 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

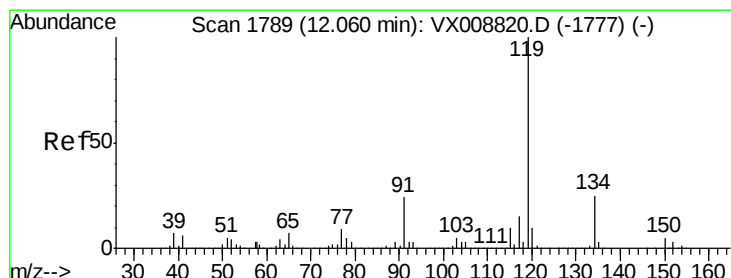
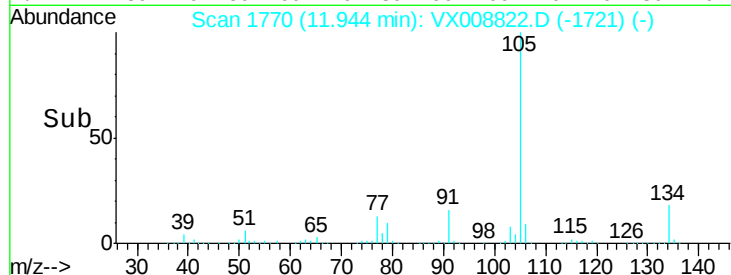
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.773 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008822.D

Acq: 10 Apr 2019 22:32

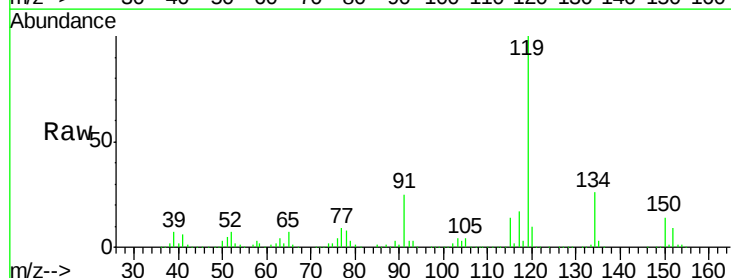
Tgt Ion:119 Resp: 145120

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.1 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

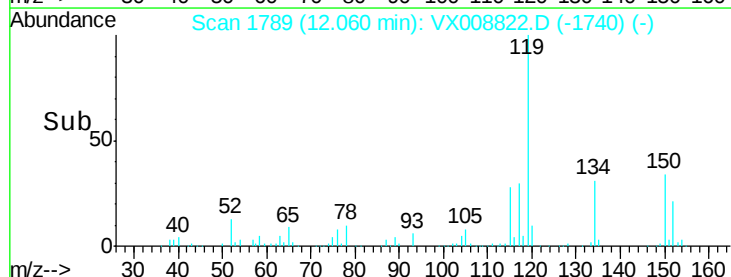
150000

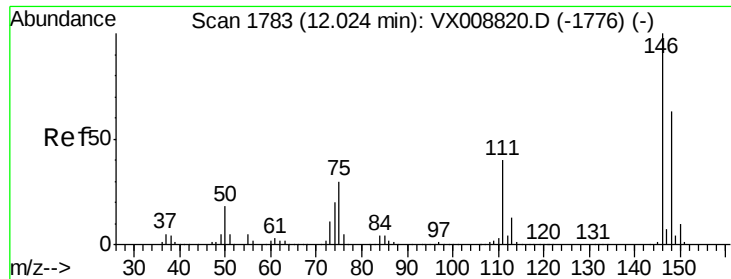
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50000

0

Time-->





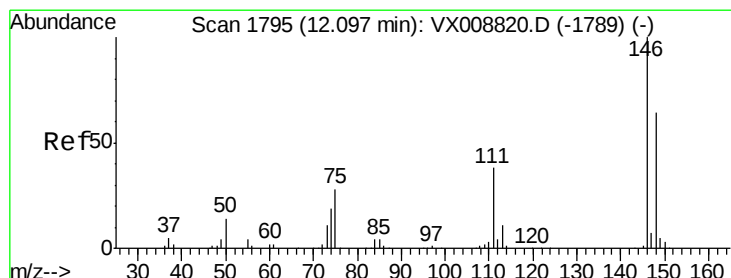
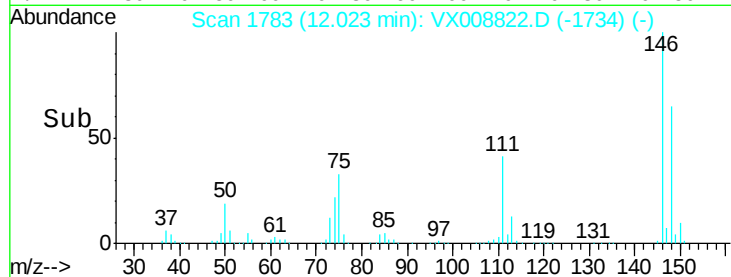
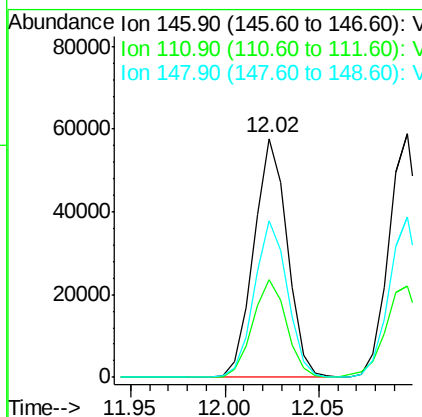
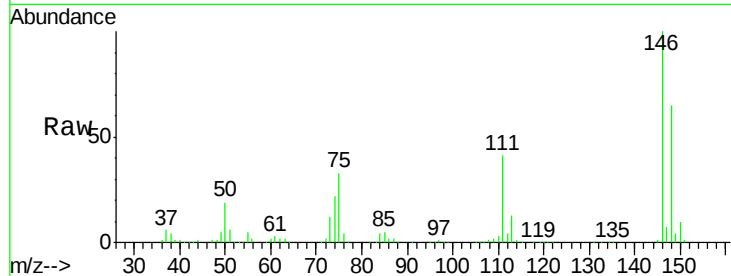
#87
 1,3-Dichlorobenzene
 Concen: 17.415 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	64.9	31.6	94.7

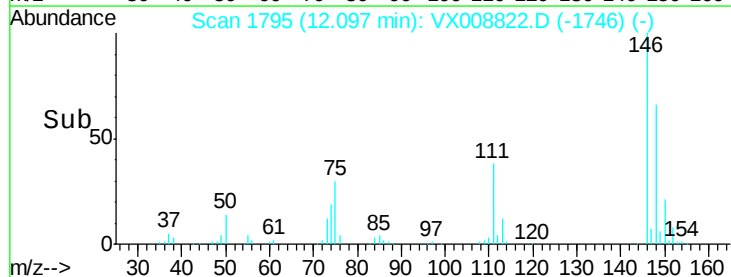
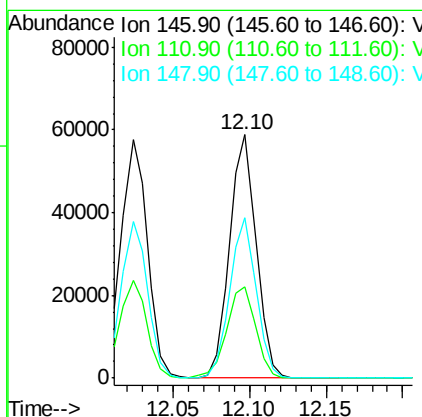
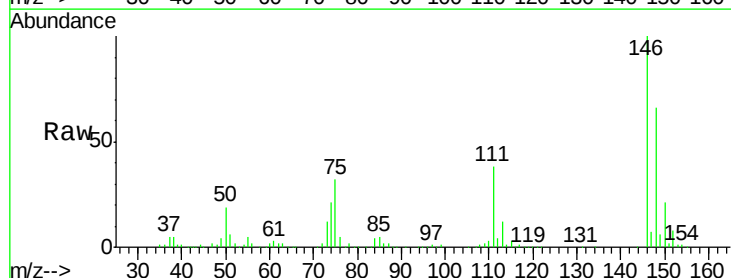
Manual Integrations
 APPROVED

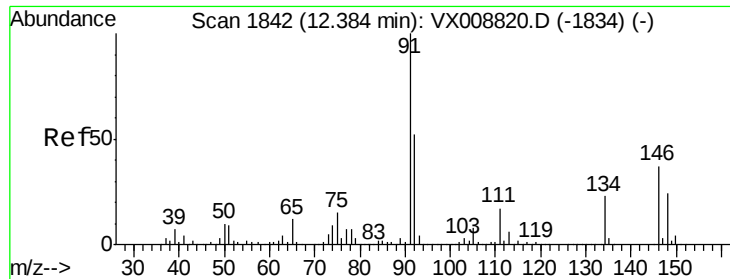
MMDadoda
 4/11/2019 11:48:27 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.202 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.2	60.6
148	65.8	32.0	96.0





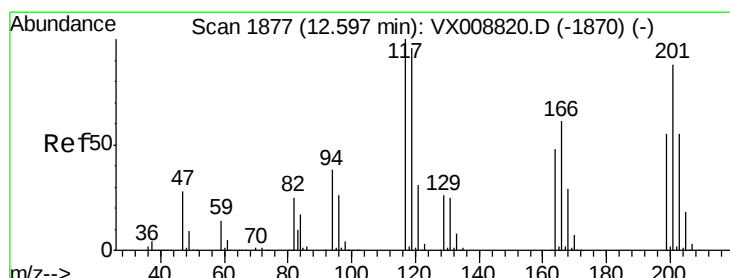
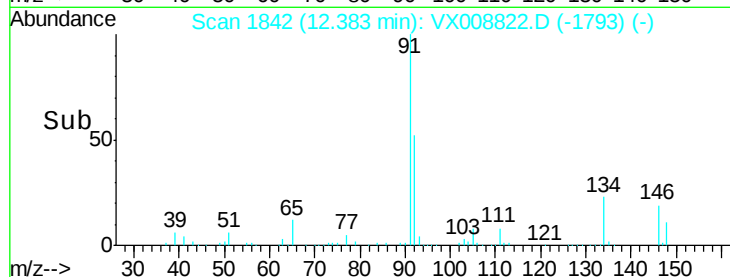
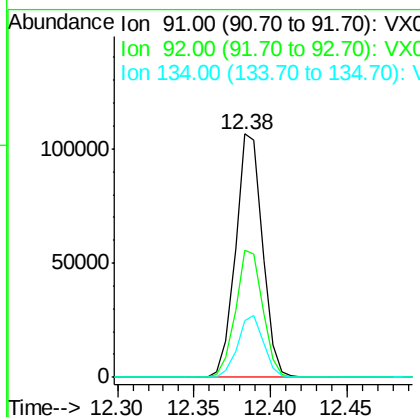
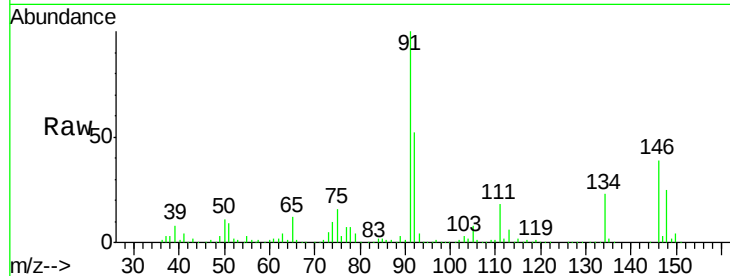
#89
n-Butylbenzene
Concen: 16.932 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	24.6	12.0	36.0

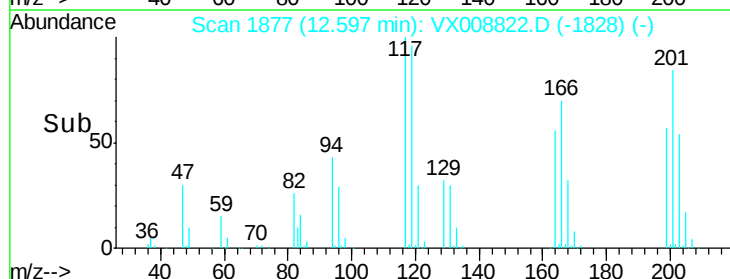
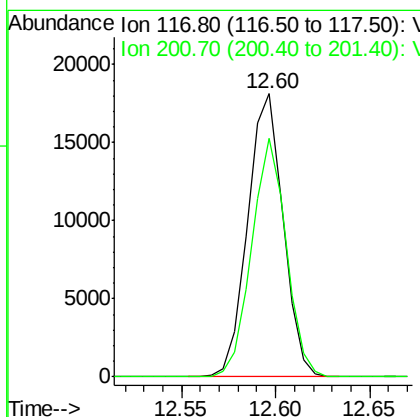
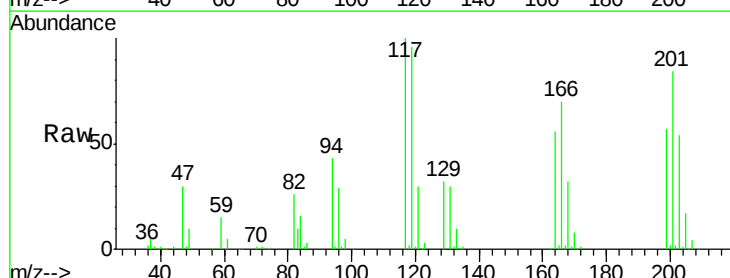
Manual Integrations
APPROVED

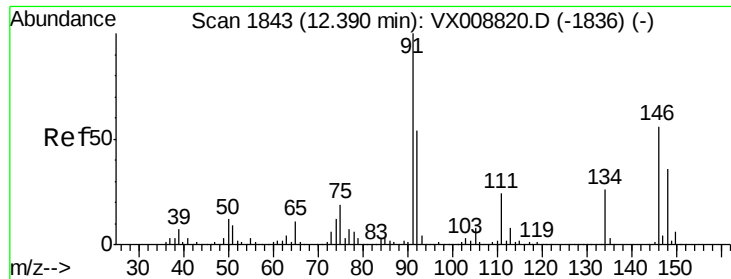
MMDadoda
4/11/2019 11:48:27 AM



#90
Hexachloroethane
Concen: 17.409 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.2	40.6	122.0





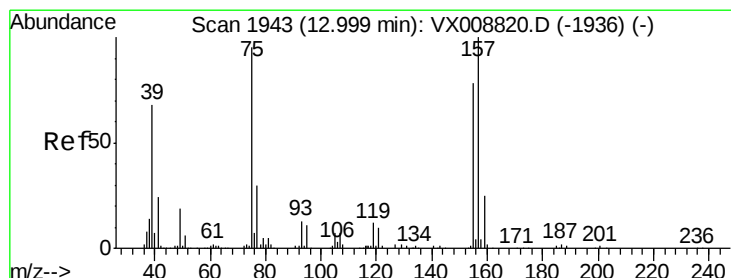
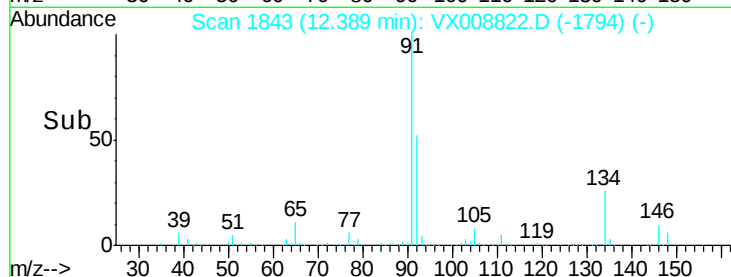
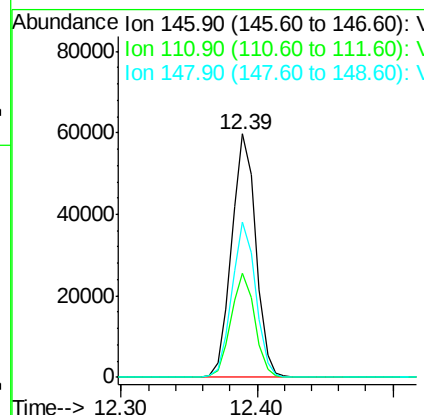
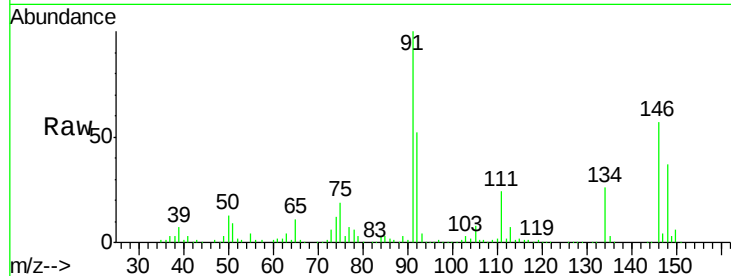
#91
 1,2-Dichlorobenzene
 Concen: 18.164 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.9
148	62.7	31.7	95.1

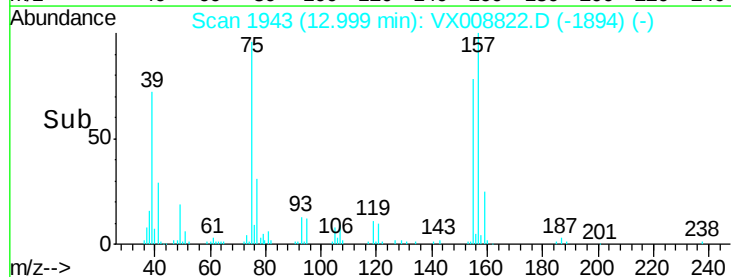
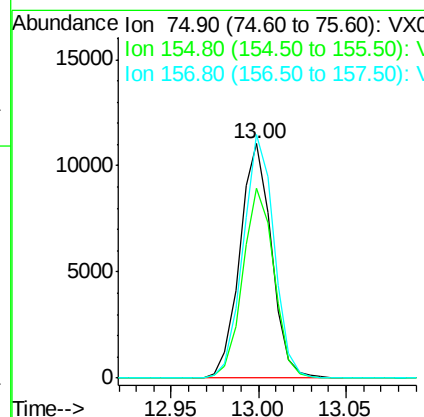
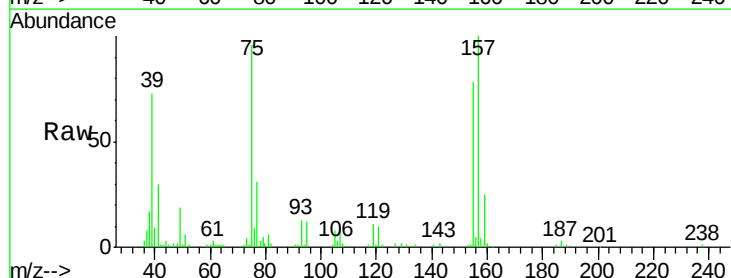
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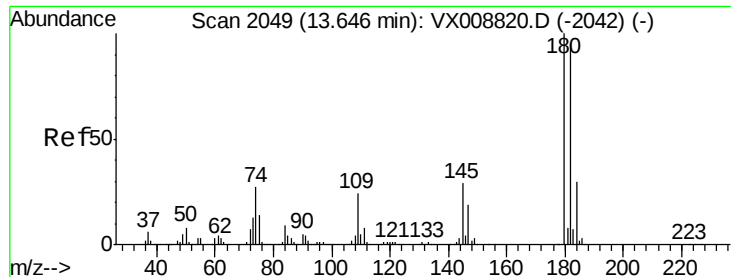
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.464 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	39.9	119.6
157	101.6	51.5	154.7





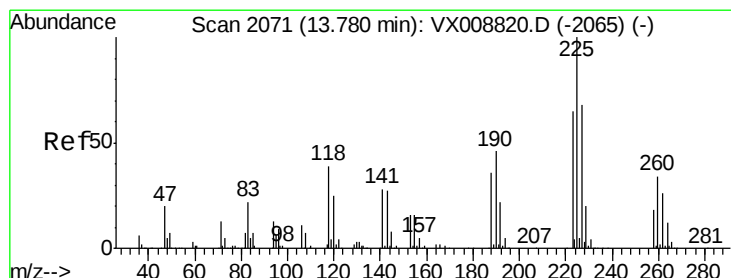
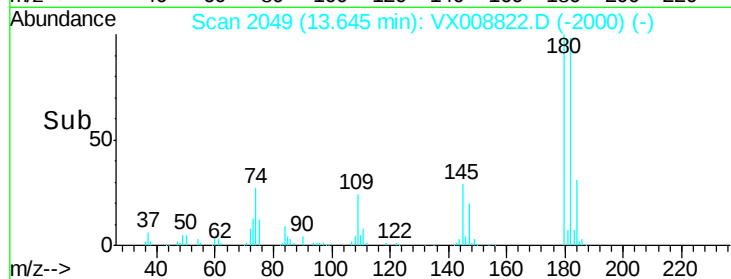
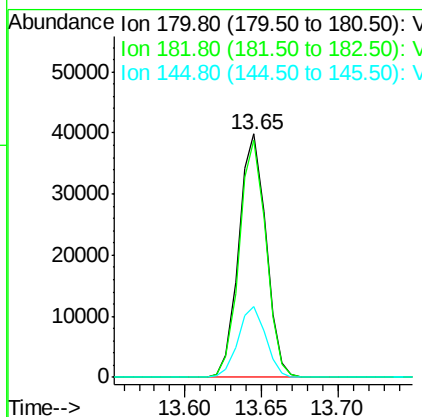
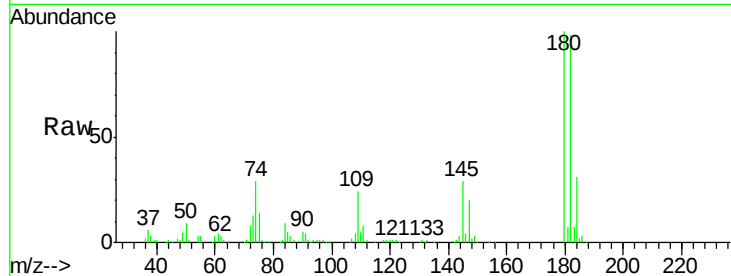
#93
 1,2,4-Trichlorobenzene
 Concen: 17.448 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Tot Ion:	180	Resp:	49160
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.2	141.6
145	29.4	15.3	45.9

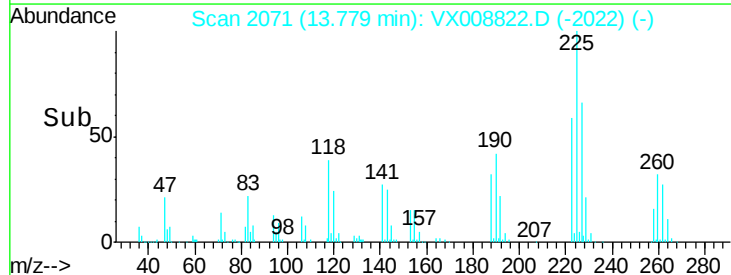
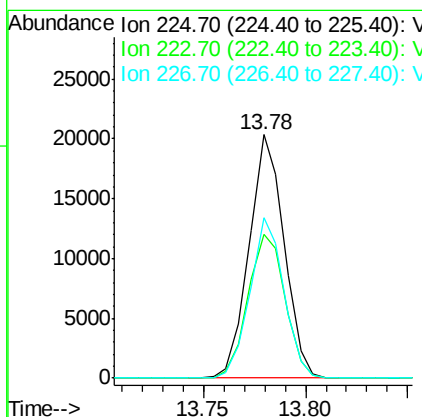
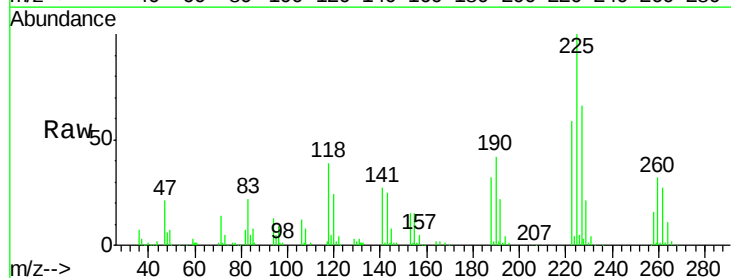
Manual Integrations
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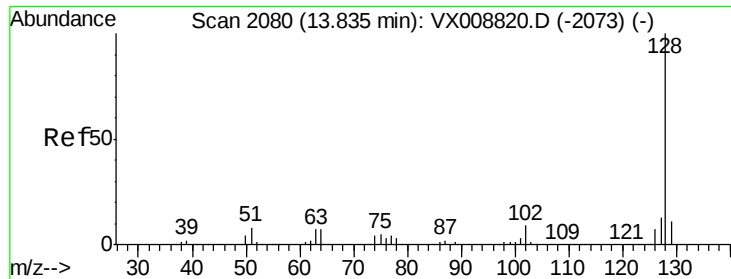
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#94
 Hexachlorobutadiene
 Concen: 17.959 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008822.D
 Acq: 10 Apr 2019 22:32

Tgt Ion:	225	Resp:	24267
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.2	93.6
227	64.2	31.9	95.5





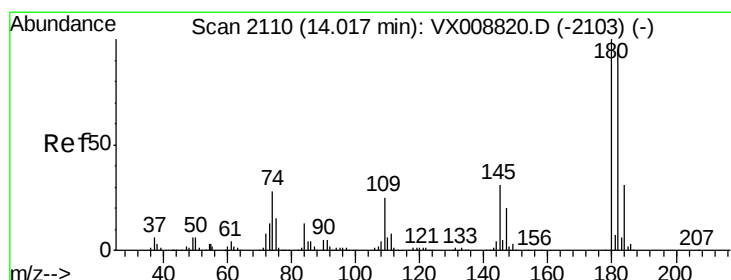
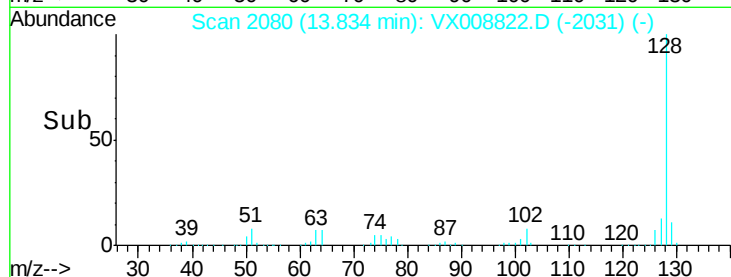
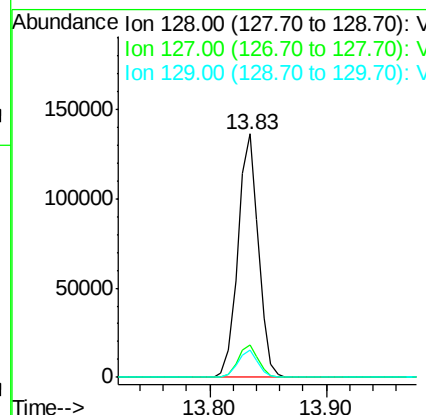
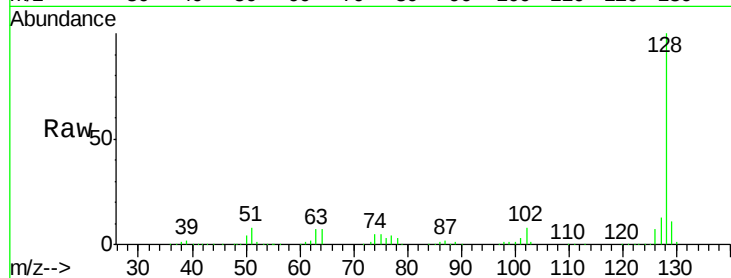
#95
Naphthalene
Concen: 17.667 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.661 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008822.D
Acq: 10 Apr 2019 22:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.3
145	31.6	16.3	48.8

