

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008800.D
 Acq On : 10 Apr 2019 13:13
 Operator : JC/SP
 Sample : VX0410WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 11 07:36:20 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	201918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	157252	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	5.49	113	116172	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	8.71	98	471150	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
62) 4-Bromofluorobenzene	11.13	95	169469	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	33446	14.390	ug/l 99
3) Chloromethane	1.32	50	49284	16.159	ug/l 100
4) Vinyl Chloride	1.41	62	46596	14.830	ug/l 98
5) Bromomethane	1.64	94	24612	17.187	ug/l 99
6) Chloroethane	1.72	64	28834	14.664	ug/l 99
7) Trichlorofluoromethane	1.93	101	53214	15.321	ug/l 99
8) Diethyl Ether	2.19	74	24940	15.142	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35423	15.841	ug/l 99
10) Methyl Iodide	2.51	142	27728	16.528	ug/l 98
11) Tert butyl alcohol	3.04	59	55894	81.067	ug/l 99
12) 1,1-Dichloroethene	2.37	96	35908	15.382	ug/l 98
13) Acrolein	2.29	56	47764	139.709	ug/l 99
14) Allyl chloride	2.73	41	84304	15.776	ug/l 99
15) Acrylonitrile	3.14	53	149563	81.882	ug/l 99
16) Acetone	2.44	43	138380	81.578	ug/l 98
17) Carbon Disulfide	2.57	76	101110	14.474	ug/l 100
18) Methyl Acetate	2.78	43	67197	16.334	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	136032	16.318	ug/l 100
20) Methylene Chloride	2.85	84	43943	15.476	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	38710	15.331	ug/l 95
22) Diisopropyl ether	3.85	45	167057	16.219	ug/l 92
23) Vinyl Acetate	3.81	43	736402	82.186	ug/l 99
24) 1,1-Dichloroethane	3.70	63	82317	16.142	ug/l 100
25) 2-Butanone	4.67	43	222661	83.051	ug/l 99
26) 2,2-Dichloropropane	4.59	77	59190	16.479	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	45936	15.824	ug/l 98
28) Bromochloromethane	5.01	49	50494	22.010	ug/l 100
29) Tetrahydrofuran	5.13	42	142914	80.313	ug/l 100
30) Chloroform	5.21	83	73970	16.240	ug/l 97
31) Cyclohexane	5.58	56	76246	14.984	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	59829	16.255	ug/l 100
36) 1,1-Dichloropropene	5.80	75	56052	15.641	ug/l 99
37) Ethyl Acetate	4.84	43	81301	16.997	ug/l 99
38) Carbon Tetrachloride	5.79	117	48517	16.358	ug/l 97

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Manual Integrations
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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	68522	15.479	ug/l	99
40) Benzene	6.14	78	175905	16.477	ug/l	100
41) Methacrylonitrile	5.04	41	46099	16.766	ug/l	100
42) 1,2-Dichloroethane	6.19	62	63185	16.509	ug/l	100
43) Isopropyl Acetate	6.45	43	124415	16.604	ug/l	100
44) Trichloroethene	7.21	130	40641	16.345	ug/l	100
45) 1,2-Dichloropropane	7.51	63	50546	16.588	ug/l	99
46) Dibromomethane	7.66	93	28588	16.176	ug/l	99
47) Bromodichloromethane	7.90	83	56062	16.824	ug/l	96
48) Methyl methacrylate	7.77	41	64020	16.890	ug/l	99
49) 1,4-Dioxane	7.74	88	23620	332.657	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	420684	87.215	ug/l	100
52) Toluene	8.79	92	104250	16.563	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	63087	16.901	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71539	16.773	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43462	17.203	ug/l	99
56) Ethyl methacrylate	9.18	69	77657	16.988	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77341	17.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	245994	105.391	ug/l	99
59) 2-Hexanone	9.49	43	324715	86.623	ug/l	100
60) Dibromochloromethane	9.58	129	40179	16.877	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44313	16.848	ug/l	99
64) Tetrachloroethene	9.34	164	35506	16.398	ug/l	98
65) Chlorobenzene	10.13	112	109019	16.828	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	37550	16.522	ug/l	99
67) Ethyl Benzene	10.25	91	197731	16.368	ug/l	99
68) m/p-Xylenes	10.36	106	144058	33.167	ug/l	97
69) o-Xylene	10.69	106	69026	16.399	ug/l	100
70) Styrene	10.71	104	121816	16.789	ug/l	99
71) Bromoform	10.85	173	29151	16.794	ug/l #	97
73) Isopropylbenzene	11.02	105	185693	16.605	ug/l	99
74) N-amyl acetate	10.90	43	108590	16.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70312	16.533	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	60869m	16.421	ug/l	
77) Bromobenzene	11.26	156	44854	16.685	ug/l	99
78) n-propylbenzene	11.36	91	213393	16.389	ug/l	100
79) 2-Chlorotoluene	11.42	91	129979	16.496	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155915	16.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22246	16.543	ug/l	93
82) 4-Chlorotoluene	11.51	91	147341	16.154	ug/l	99
83) tert-Butylbenzene	11.77	119	147939	16.381	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	156353	16.450	ug/l	100
85) sec-Butylbenzene	11.94	105	174761	16.292	ug/l	99
86) p-Isopropyltoluene	12.06	119	160167	16.636	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79365	16.491	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	78876	16.185	ug/l	99
89) n-Butylbenzene	12.38	91	148510	16.448	ug/l	100
90) Hexachloroethane	12.60	117	25779	16.143	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	78430	16.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14858	15.881	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

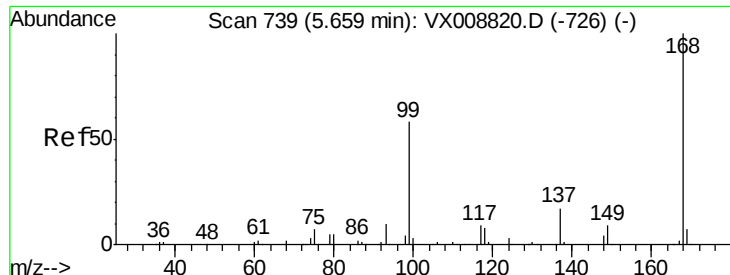
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54374	16.366	ug/l	99
94) Hexachlorobutadiene	13.78	225	27532	17.279	ug/l	99
95) Naphthalene	13.83	128	179910	16.202	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53353	16.073	ug/l	100

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



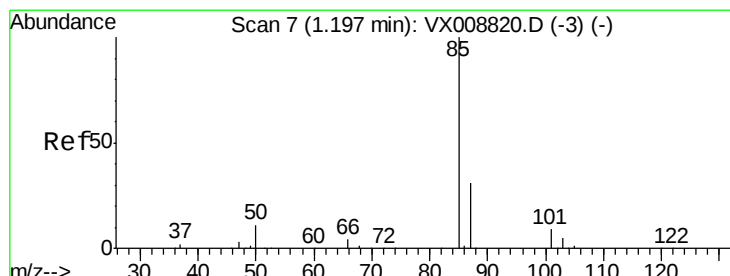
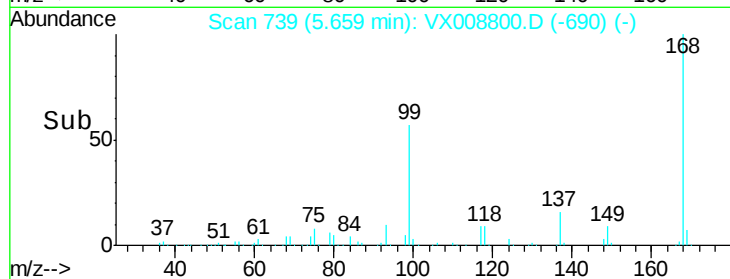
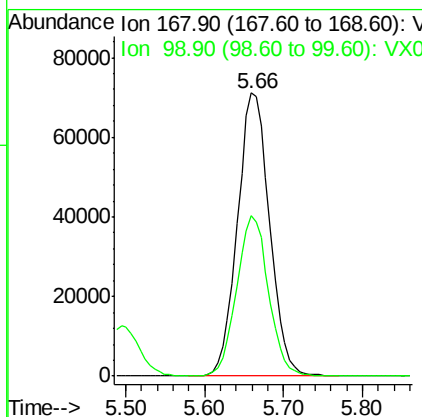
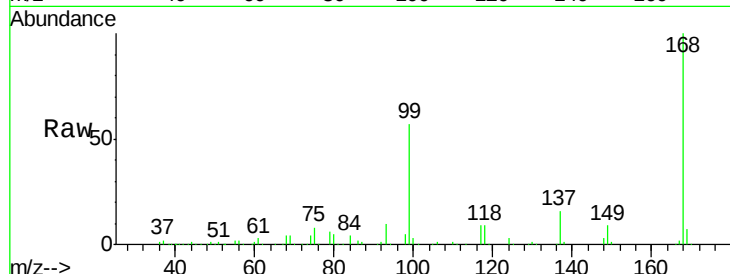
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.4	46.7	70.1

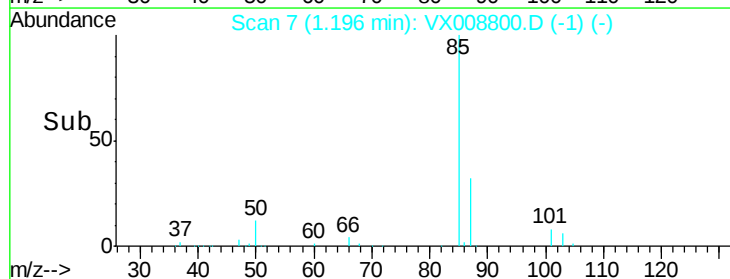
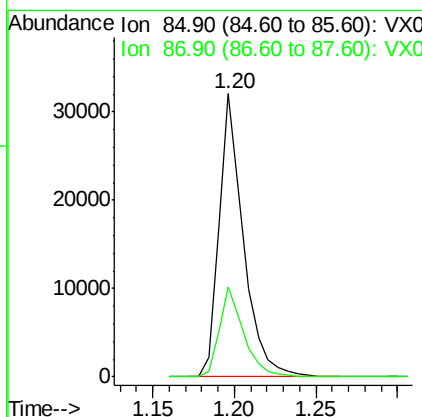
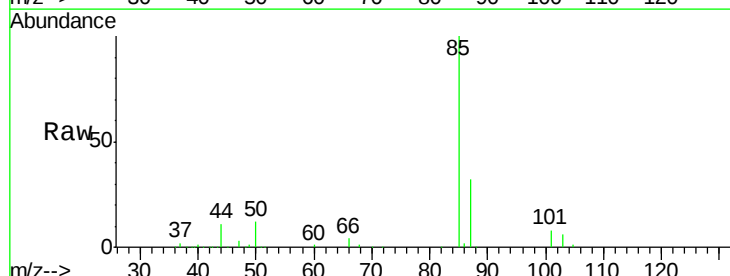
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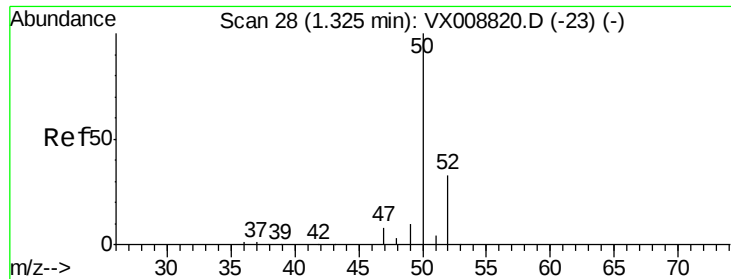
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#2
Dichlorodifluoromethane
Concen: 14.390 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.8	47.3





#3

Chloromethane

Concen: 16.159 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 50 Resp: 49284

Ion Ratio Lower Upper

50 100

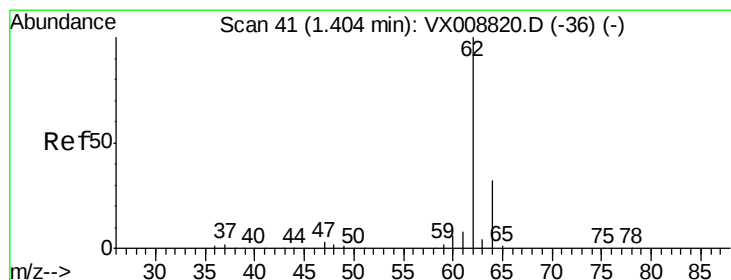
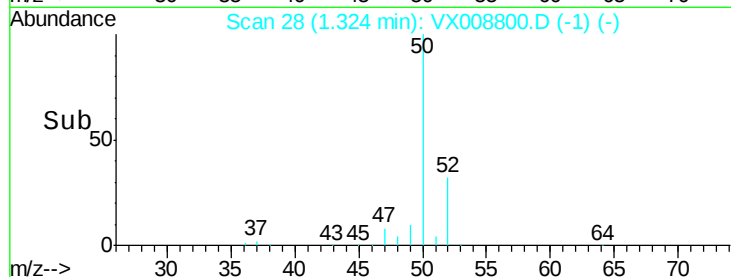
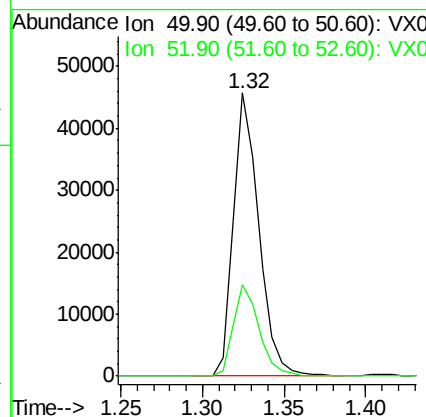
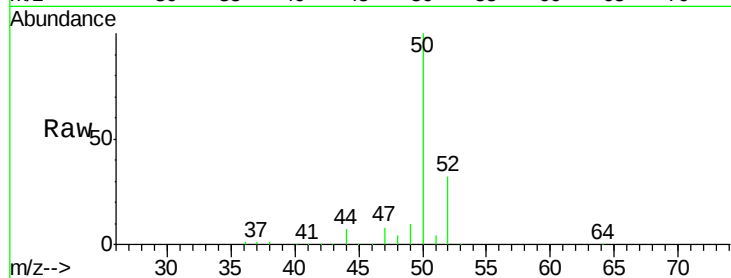
52 32.2 25.8 38.8

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#4

Vinyl Chloride

Concen: 14.830 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008800.D

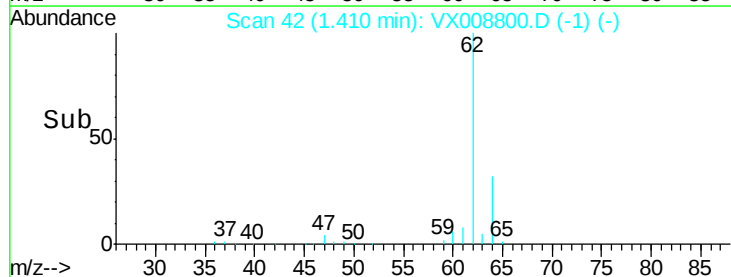
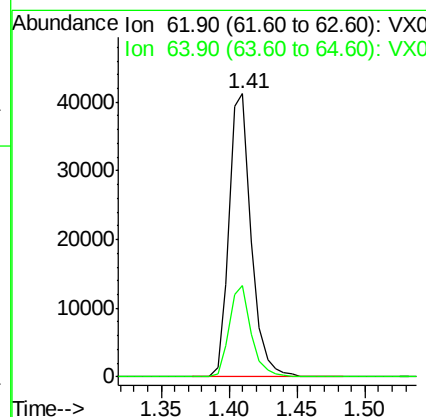
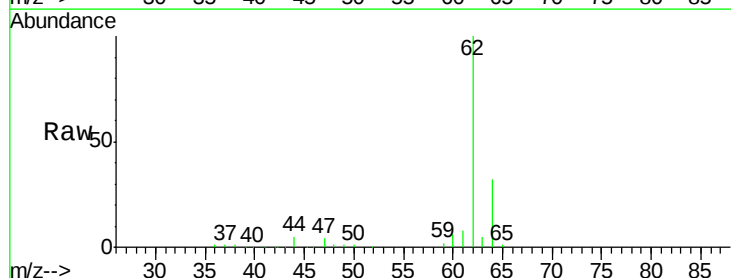
Acq: 10 Apr 2019 13:13

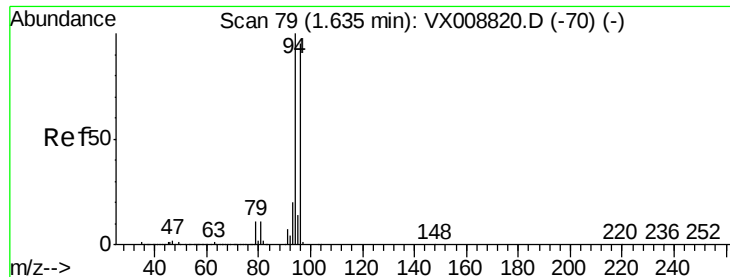
Tgt Ion: 62 Resp: 46596

Ion Ratio Lower Upper

62 100

64 32.2 24.7 37.1





#5

Bromomethane

Concen: 17.187 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 94 Resp: 24612

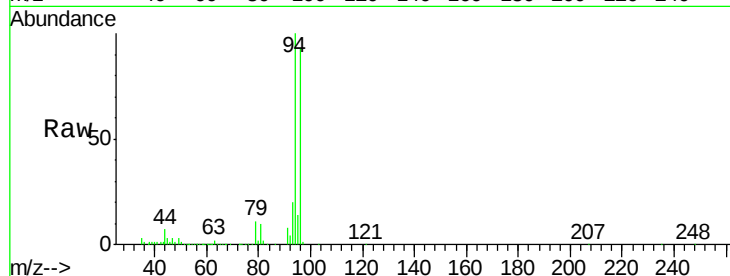
Ion Ratio Lower Upper

94 100

96 92.9 75.2 112.8

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

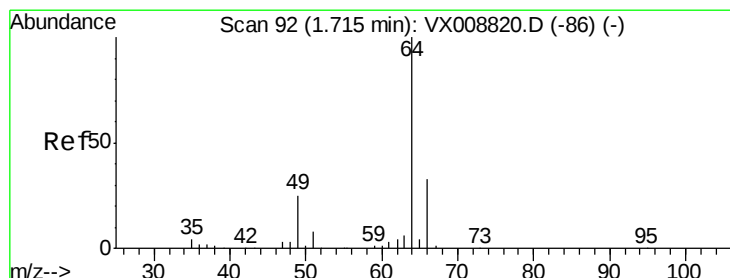
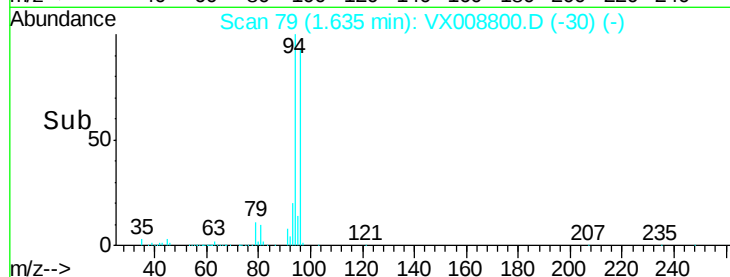
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 14.664 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008800.D

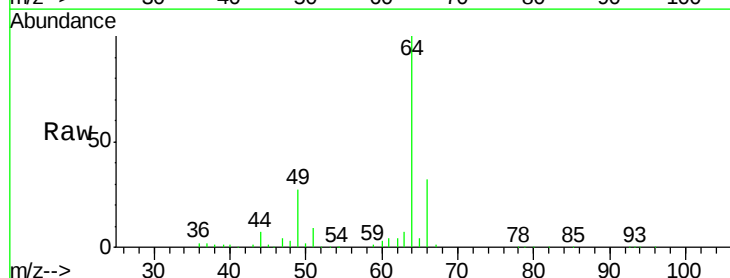
Acq: 10 Apr 2019 13:13

Tgt Ion: 64 Resp: 28834

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

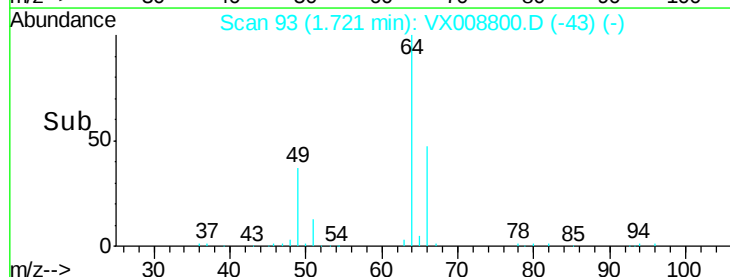
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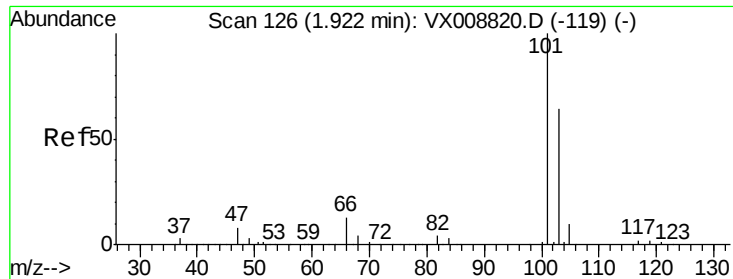
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5000

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Time-->





#7

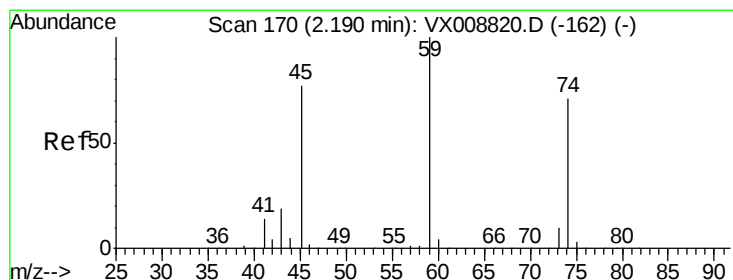
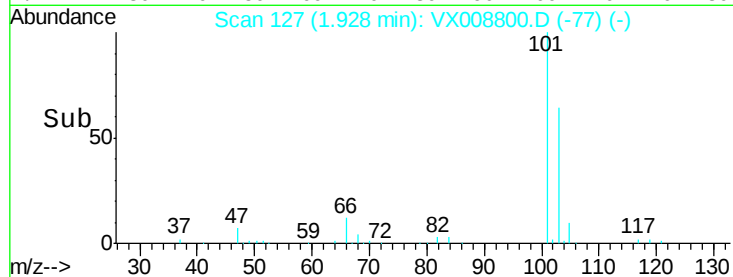
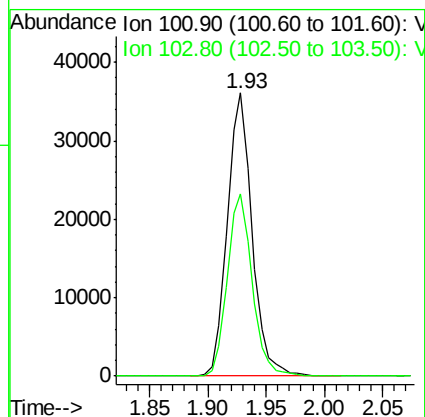
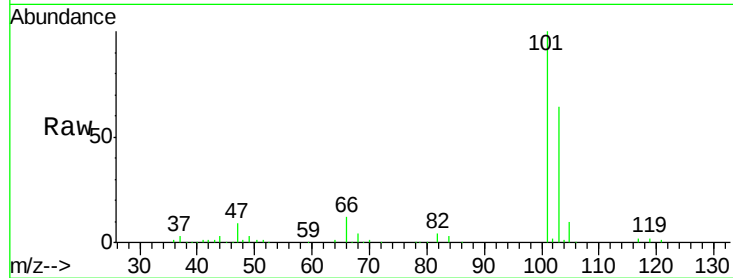
Trichlorofluoromethane
 Concen: 15.321 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion:101 Resp: 53214
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5

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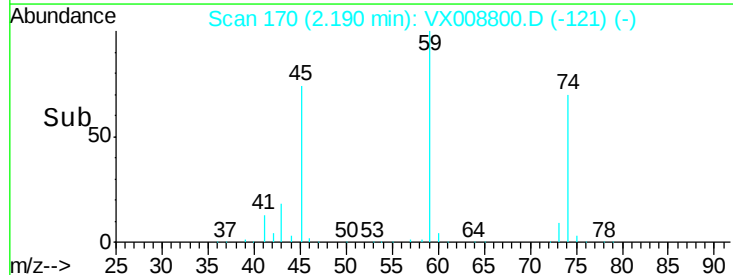
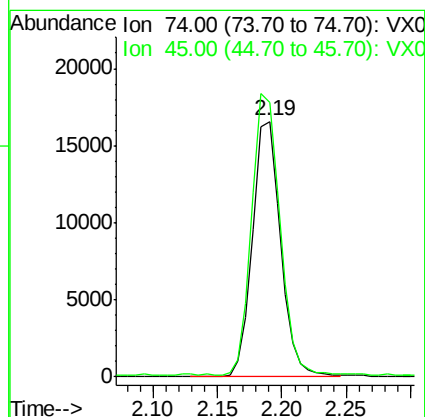
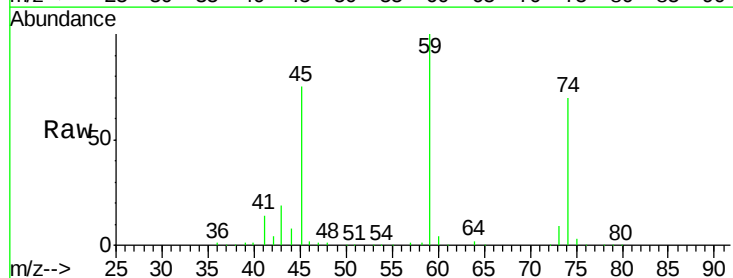
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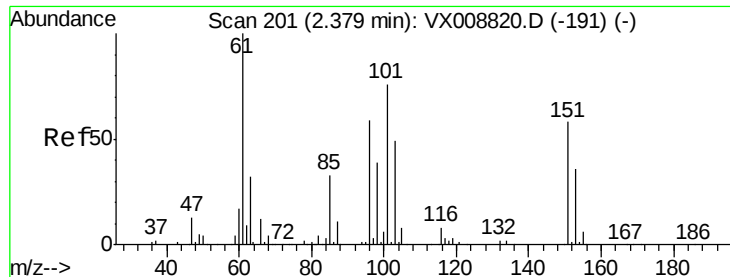


#8

Diethyl Ether
 Concen: 15.142 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion: 74 Resp: 24940
 Ion Ratio Lower Upper
 74 100
 45 110.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.841 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

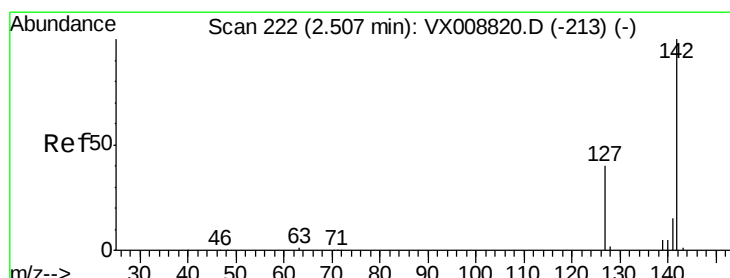
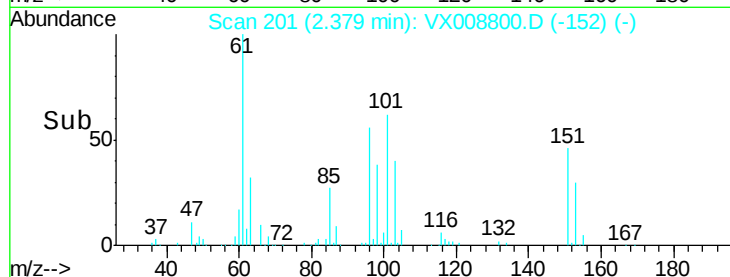
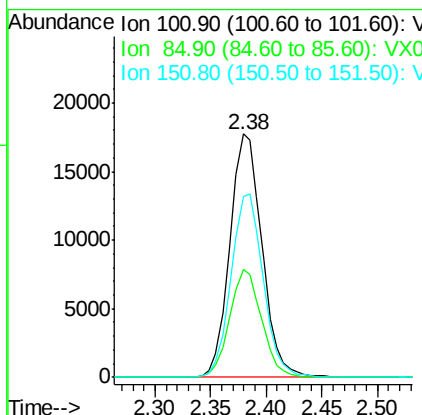
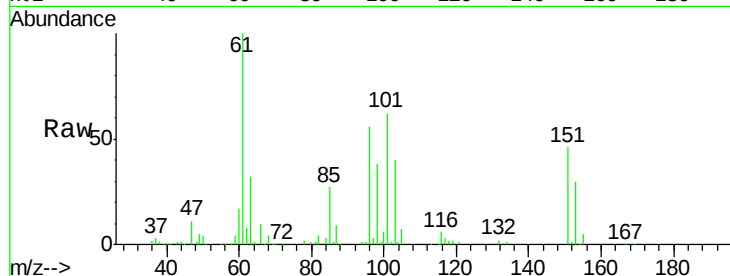
ClientSampleId :

VX0410WBSD01

Tot Ion:	101	Resp:	35423
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	75.4	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 16.528 ug/l

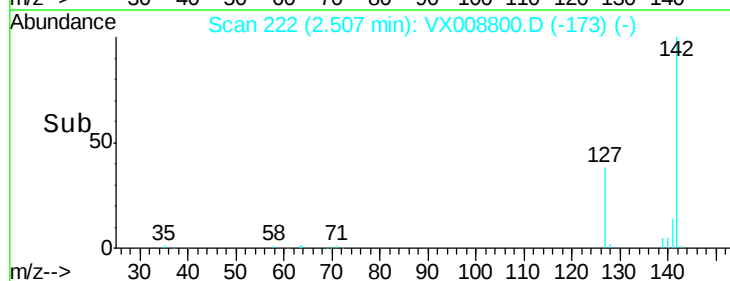
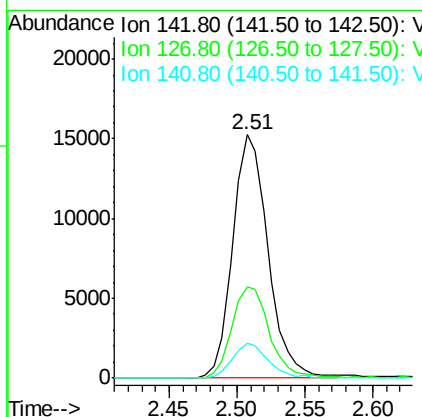
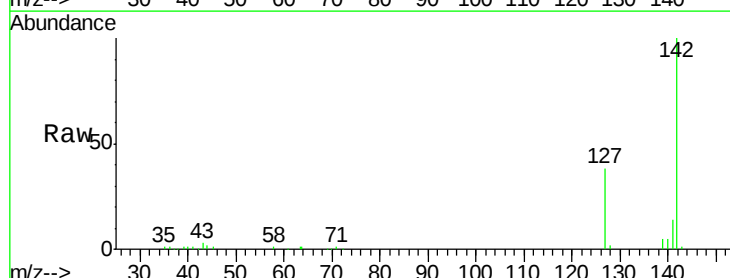
RT: 2.51 min Scan# 222

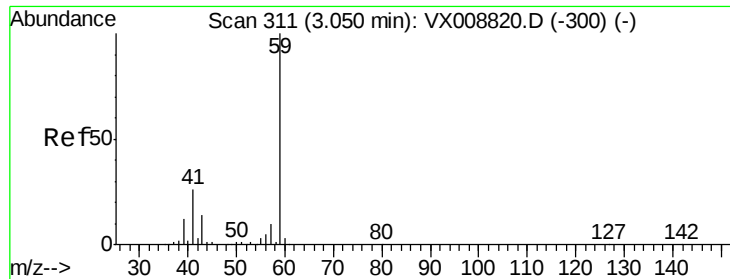
Delta R.T. 0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Tgt Ion:	142	Resp:	27728
Ion Ratio	Lower	Upper	
142	100		
127	40.1	33.0	49.6
141	14.5	11.4	17.2





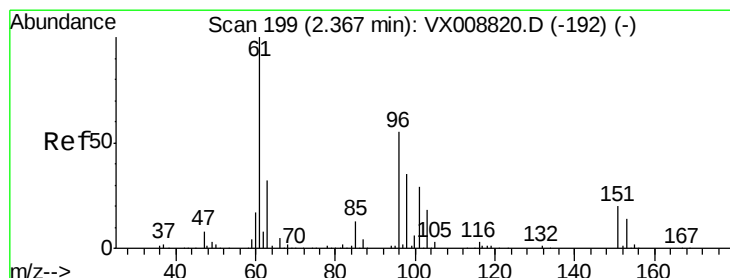
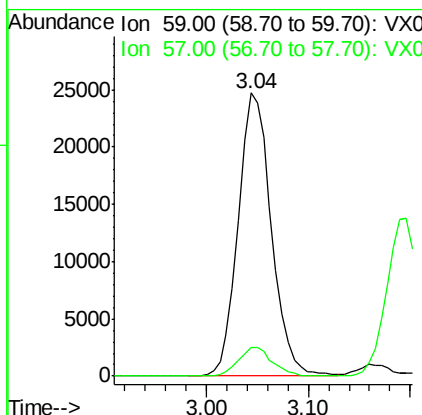
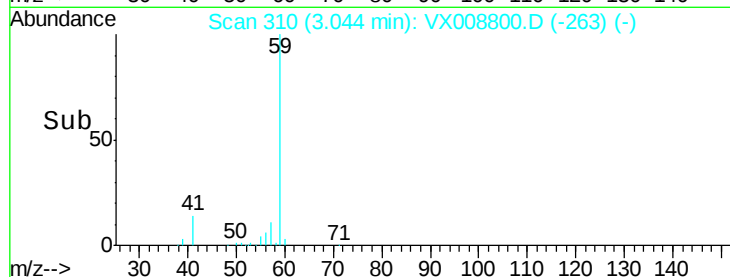
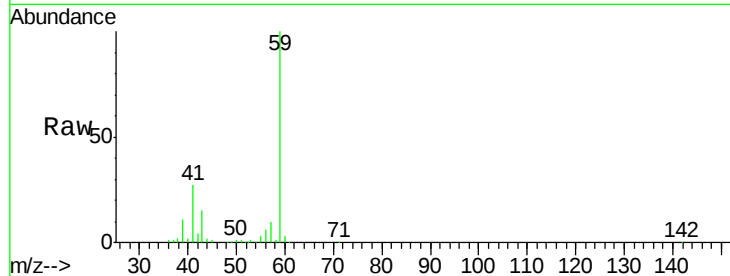
#11
Tert butyl alcohol
Concen: 81.067 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion: 59 Resp: 55894
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

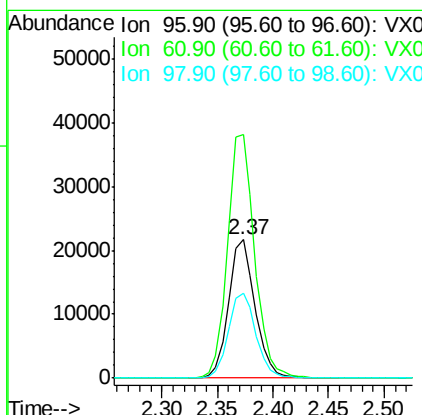
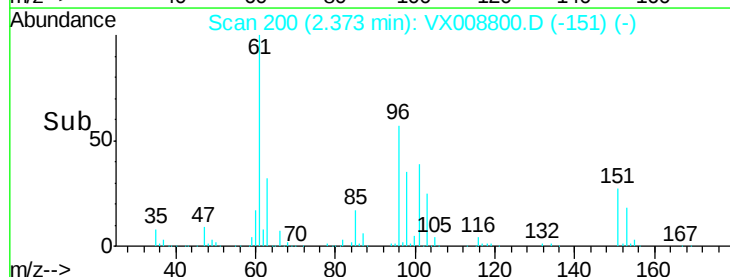
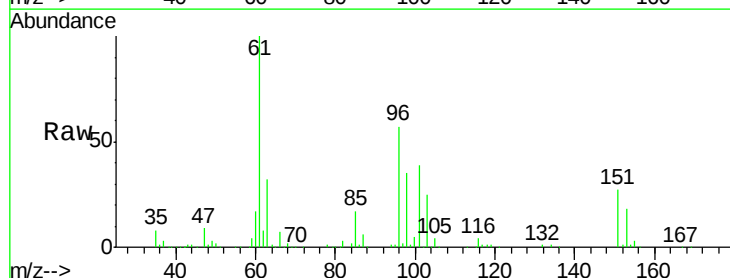
Manual Integrations
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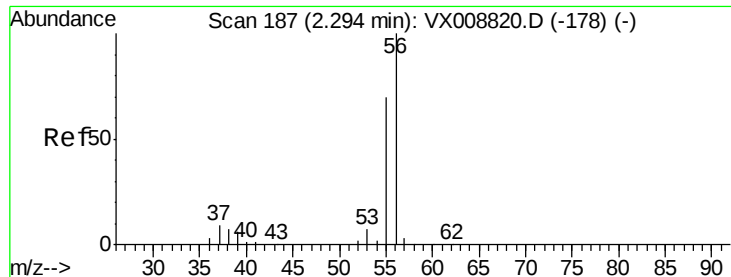
MMDadoda
4/11/2019 11:48:25 AM



#12
1,1-Dichloroethene
Concen: 15.382 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 96 Resp: 35908
Ion Ratio Lower Upper
96 100
61 175.7 140.9 211.3
98 60.8 52.1 78.1





#13

Acrolein

Concen: 139.709 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 56 Resp: 47764

Ion Ratio Lower Upper

56 100

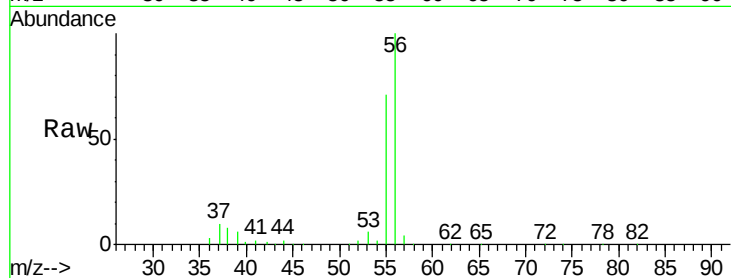
55 71.6 58.0 87.0

Manual Integrations

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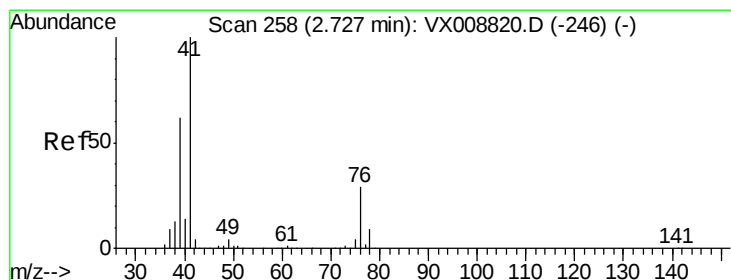
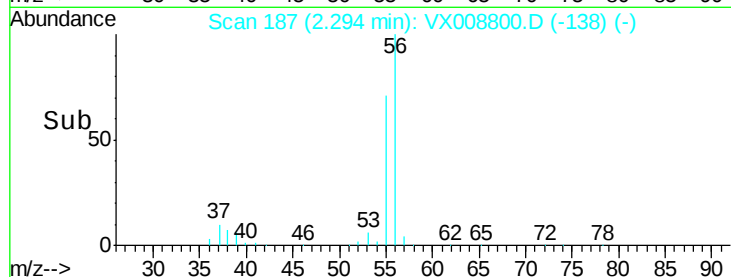
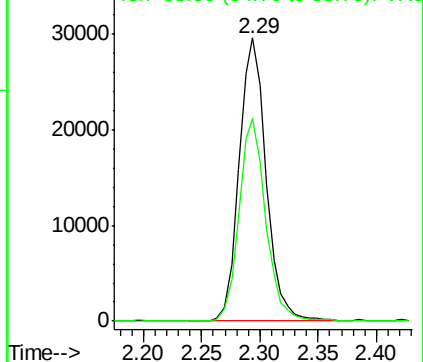
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 15.776 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

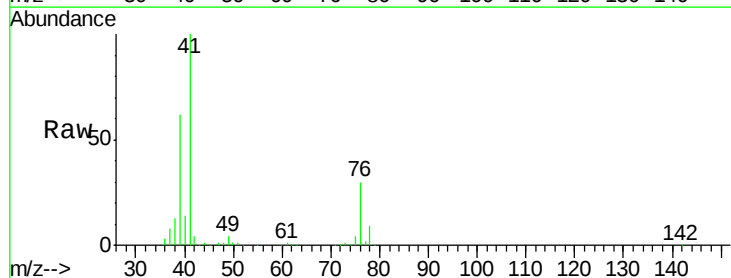
Tgt Ion: 41 Resp: 84304

Ion Ratio Lower Upper

41 100

39 59.1 48.0 72.0

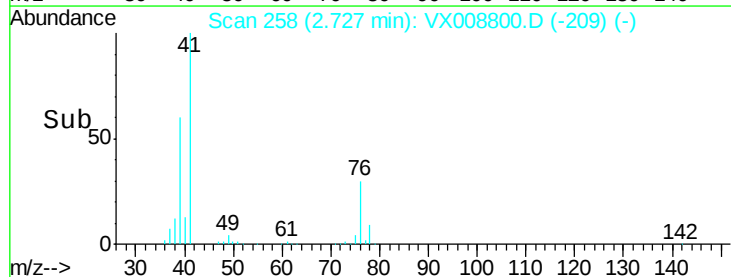
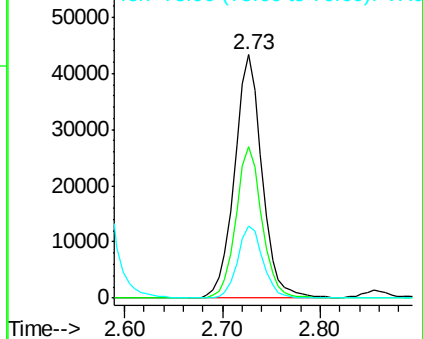
76 27.5 22.0 33.0

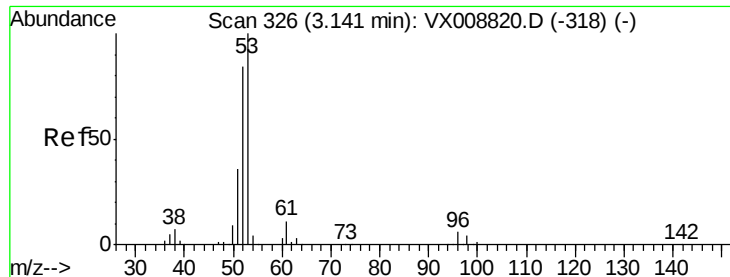


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 81.882 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

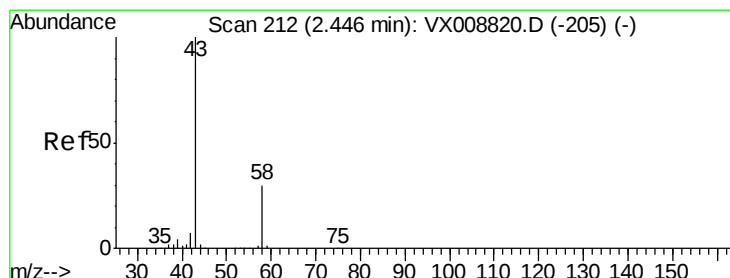
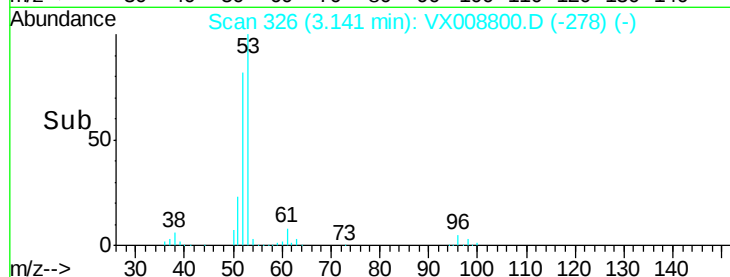
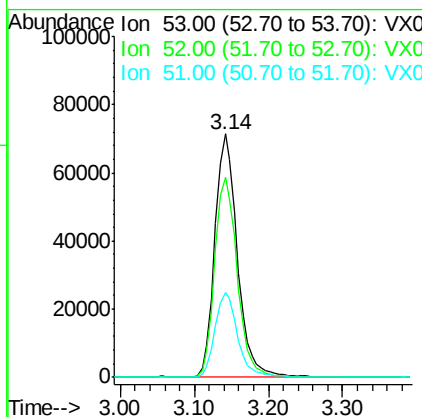
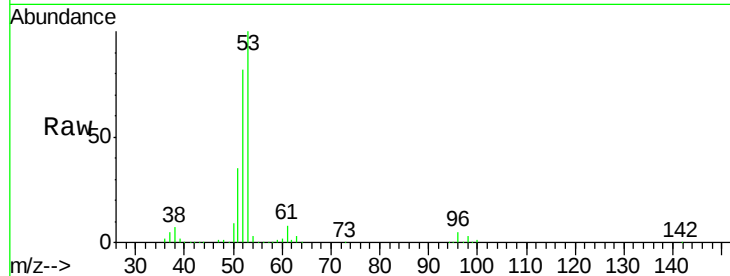
ClientSampleId :

VX0410WBSD01

Tot Ion:	53	Resp:	149563
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.5	99.7
51	35.4	28.6	42.8

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#16

Acetone

Concen: 81.578 ug/l

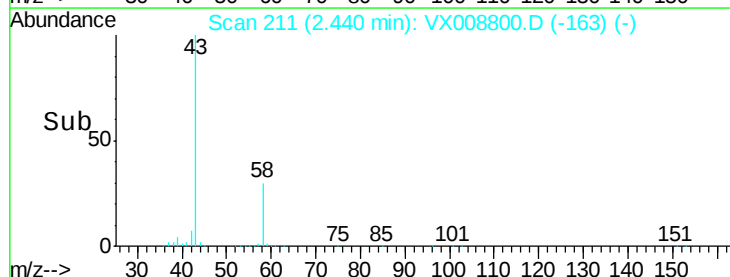
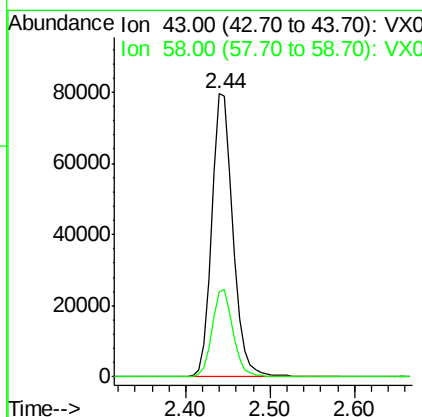
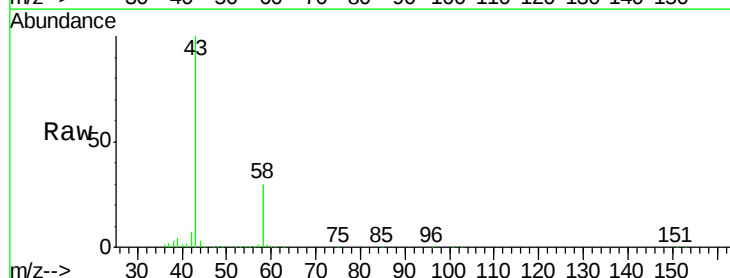
RT: 2.44 min Scan# 211

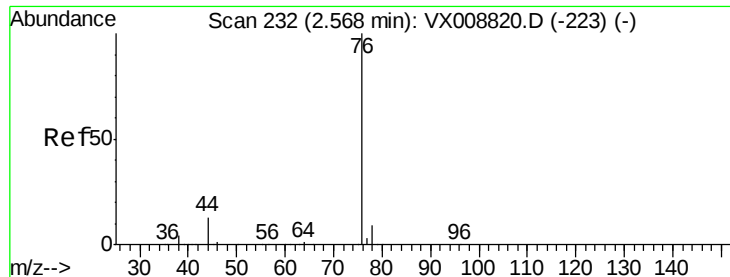
Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Tgt Ion:	43	Resp:	138380
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.8	37.2





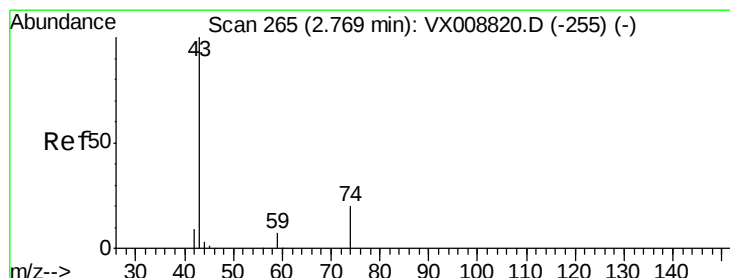
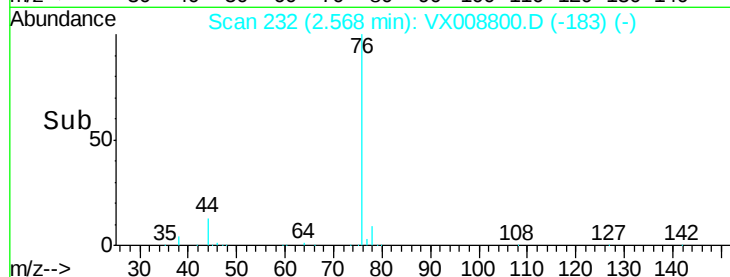
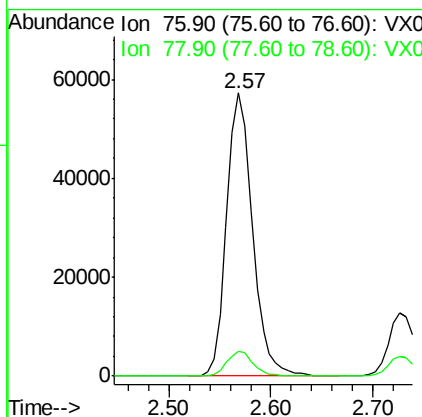
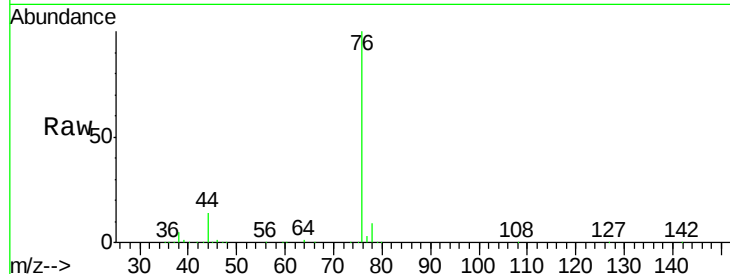
#17
Carbon Disulfide
Concen: 14.474 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

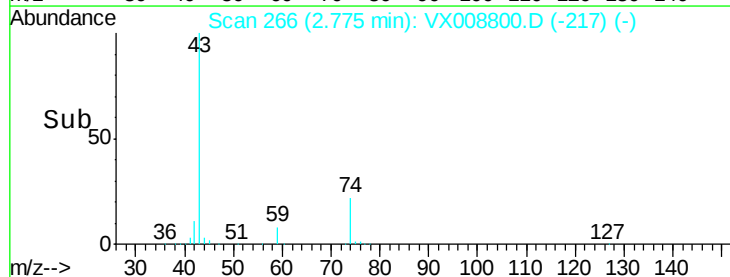
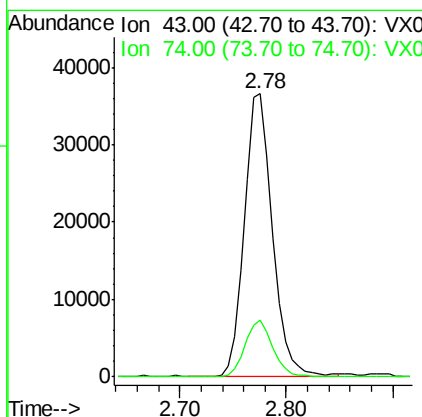
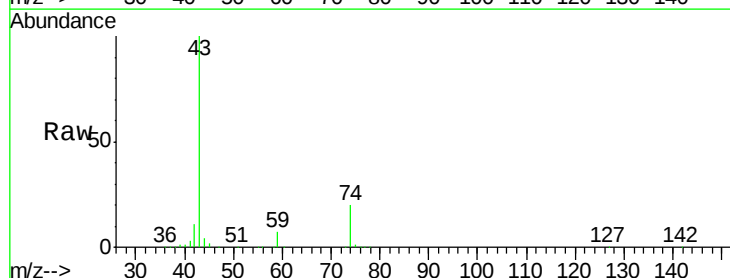
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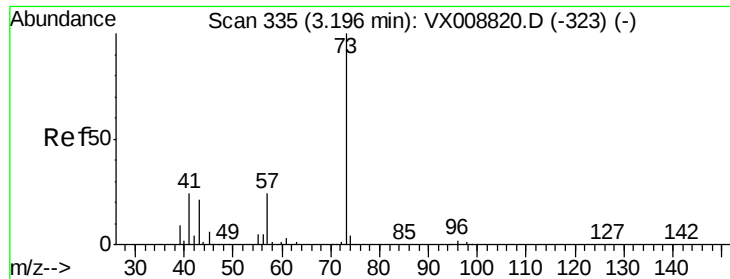
MMDadoda
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#18
Methyl Acetate
Concen: 16.334 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	16.5	24.7





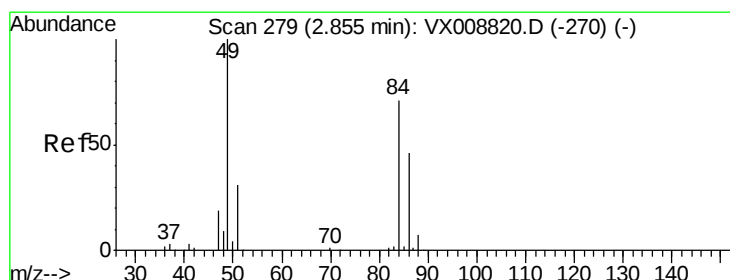
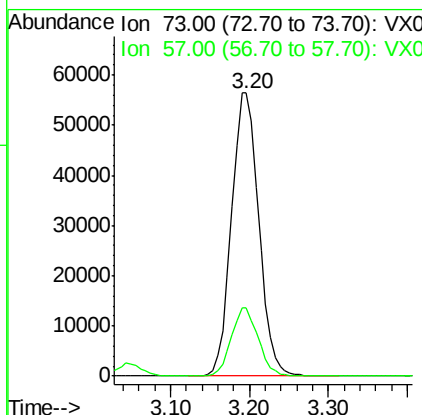
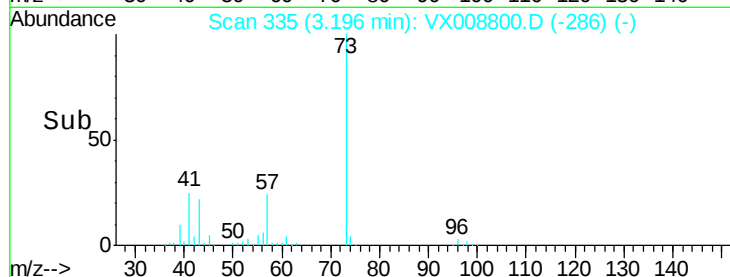
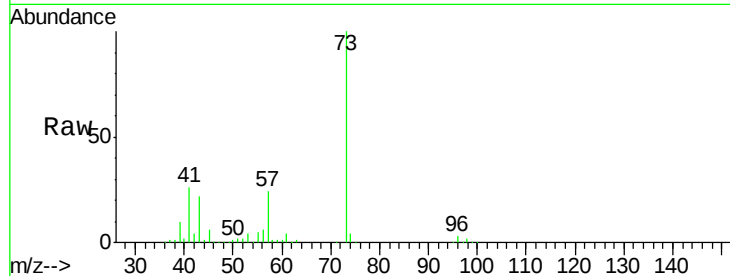
#19
Methyl tert-butyl Ether
Concen: 16.318 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.5	29.3

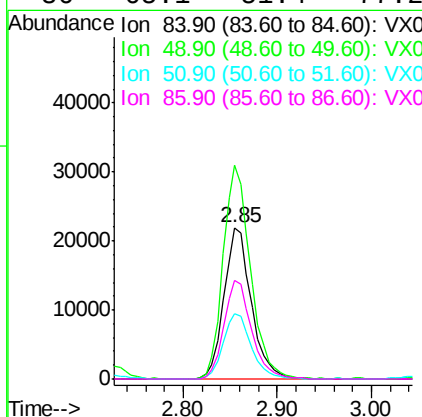
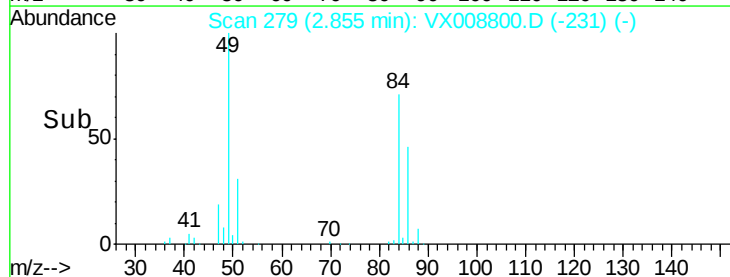
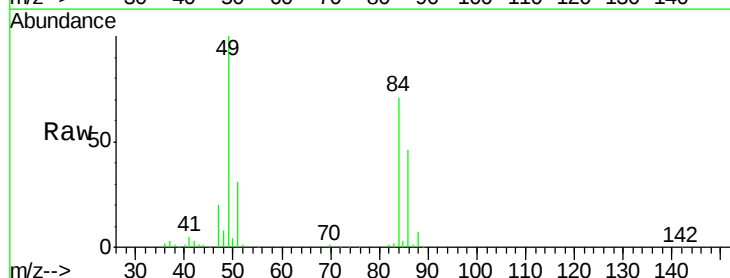
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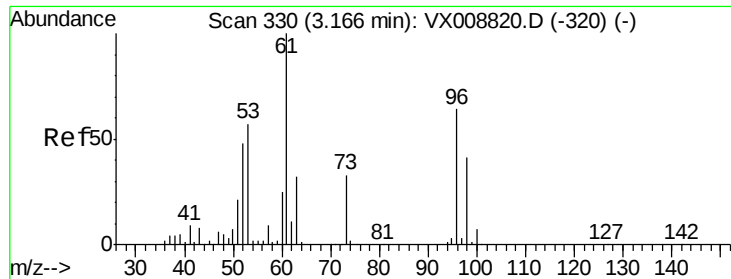
MMDadoda
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#20
Methylene Chloride
Concen: 15.476 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.8	109.7	164.5
51	43.3	33.6	50.4
86	65.1	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 15.331 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 96 Resp: 38710

Ion Ratio Lower Upper

96 100

61 156.8 132.1 198.1

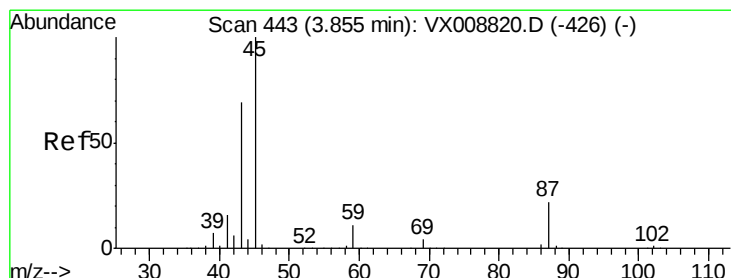
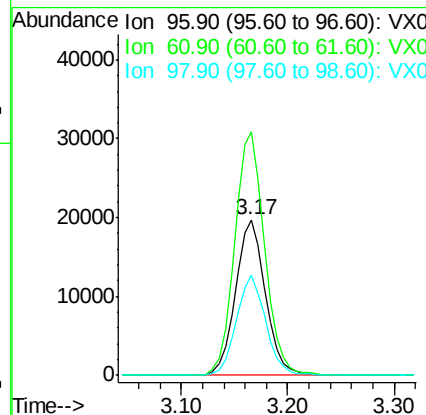
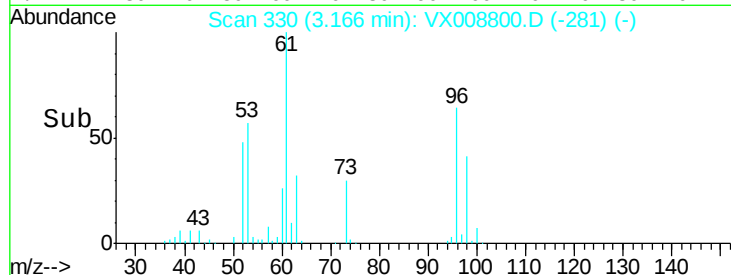
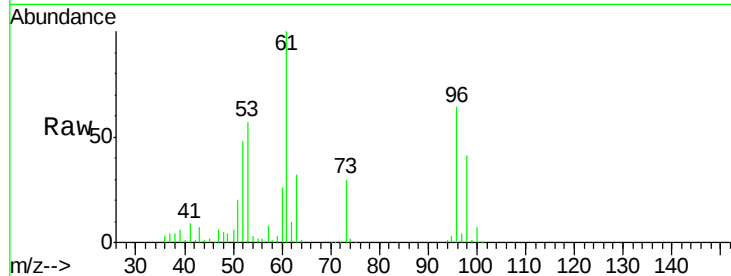
98 64.6 52.2 78.2

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#22

Diisopropyl ether

Concen: 16.219 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Tgt Ion: 45 Resp: 167057

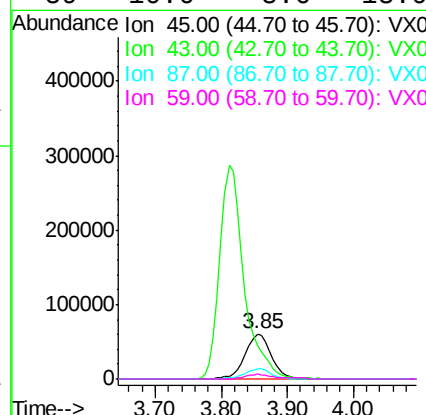
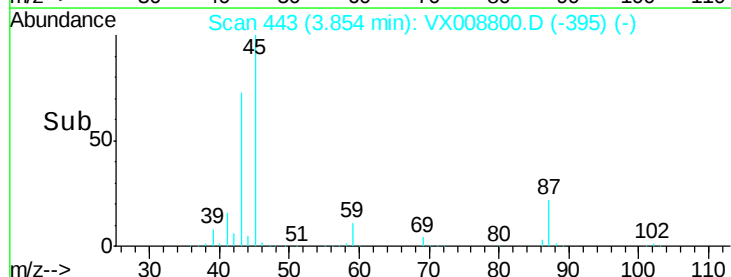
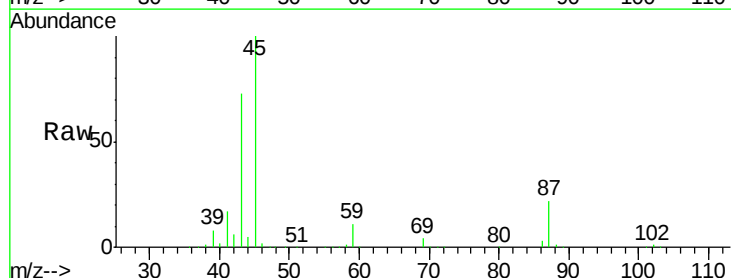
Ion Ratio Lower Upper

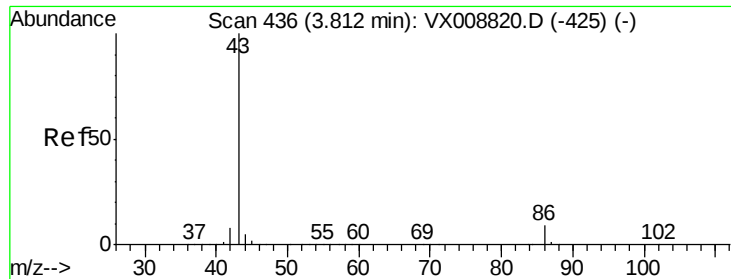
45 100

43 72.9 51.3 76.9

87 21.8 18.1 27.1

59 10.6 8.6 13.0





#23

Vinyl Acetate

Concen: 82.186 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 43 Resp: 736402

Ion Ratio Lower Upper

43 100

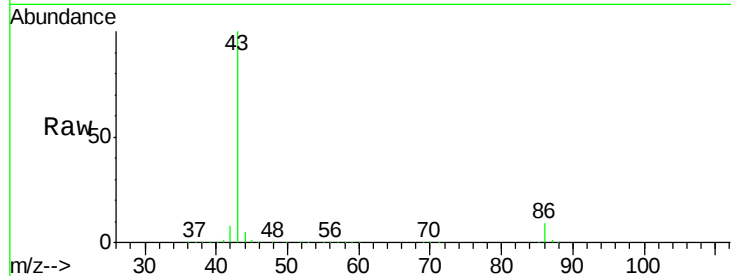
86 8.6 7.0 10.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

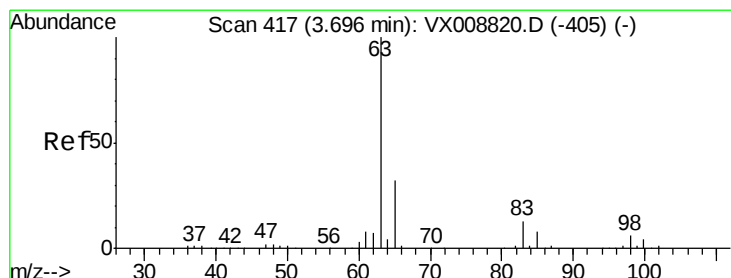
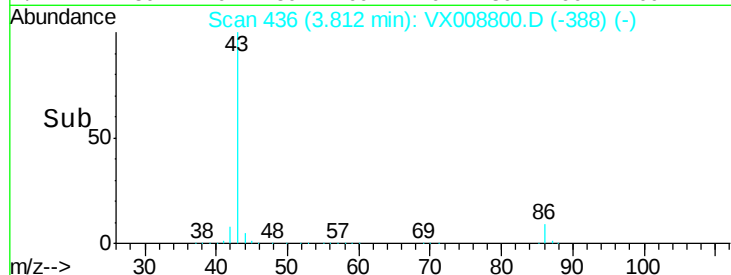
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 16.142 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

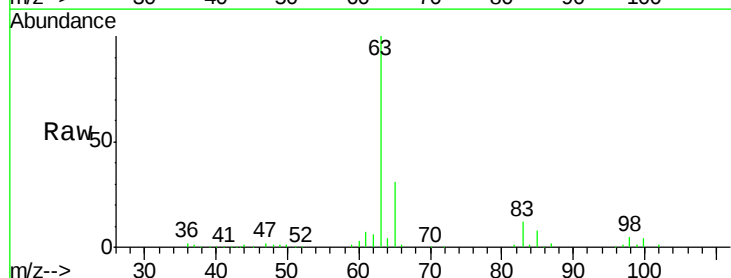
Tgt Ion: 63 Resp: 82317

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

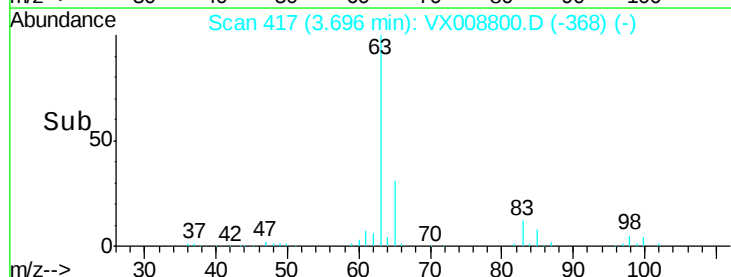
30000

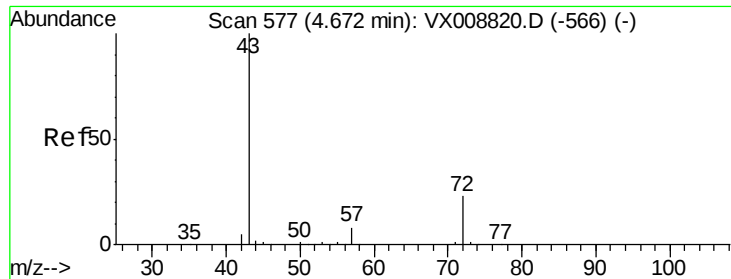
20000

10000

0

Time-->





#25

2-Butanone

Concen: 83.051 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 43 Resp: 222661

Ion Ratio Lower Upper

43 100

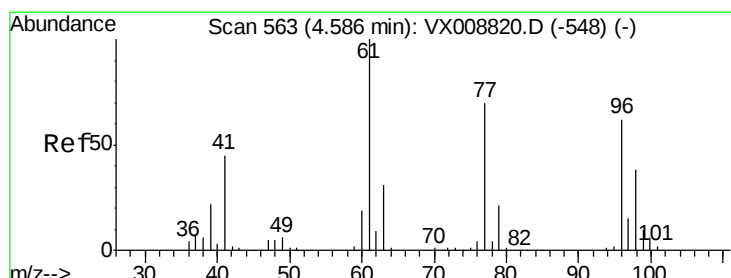
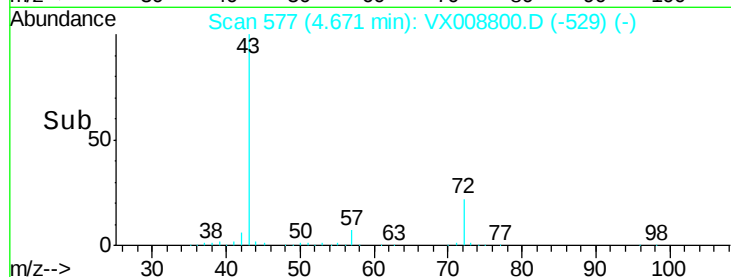
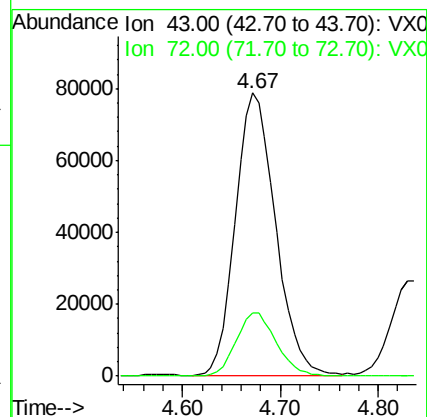
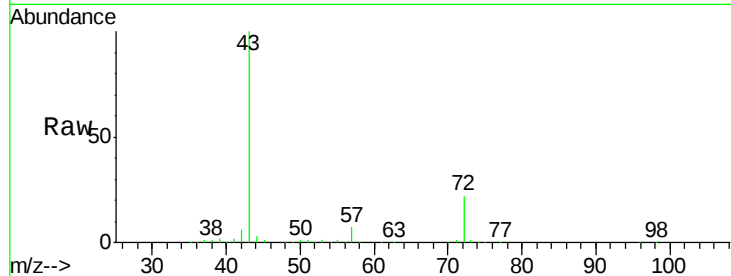
72 22.3 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.479 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008800.D

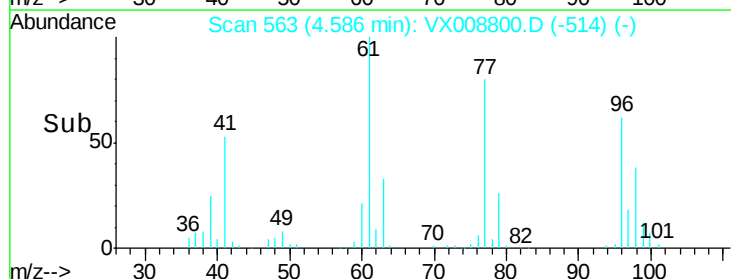
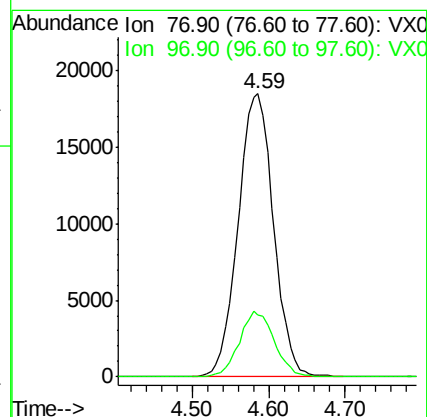
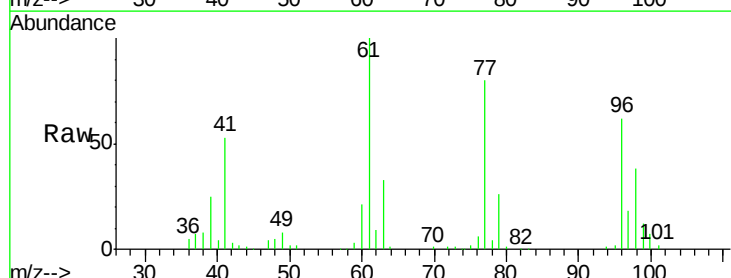
Acq: 10 Apr 2019 13:13

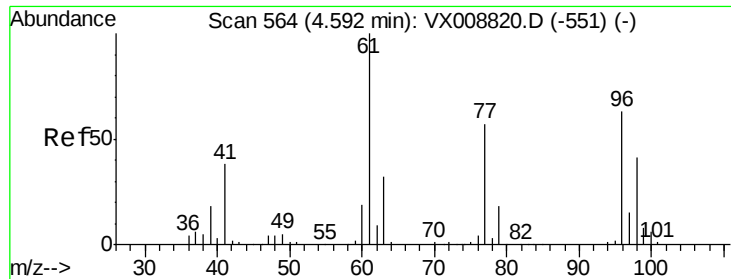
Tgt Ion: 77 Resp: 59190

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5





#27

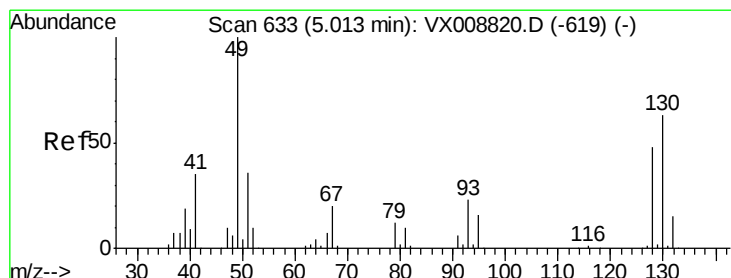
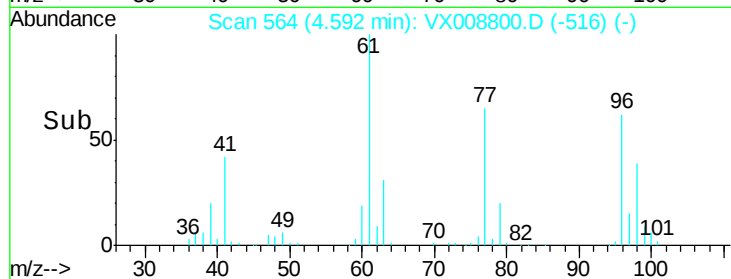
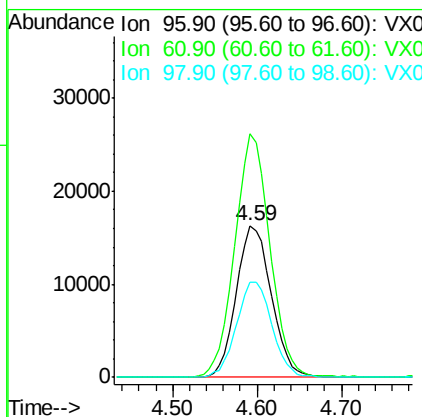
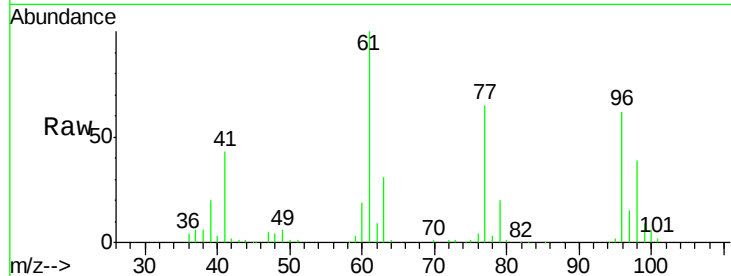
cis-1,2-Dichloroethene
Concen: 15.824 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	45936		
61	161.5	0.0	327.6	
98	63.3	0.0	128.6	

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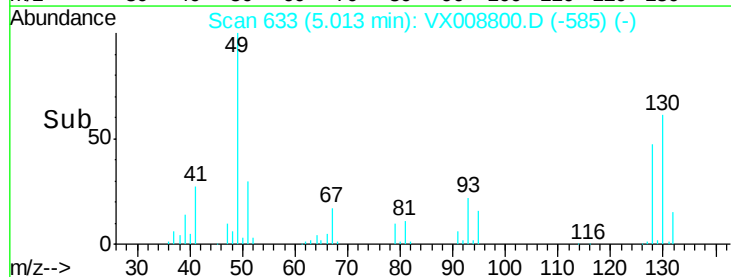
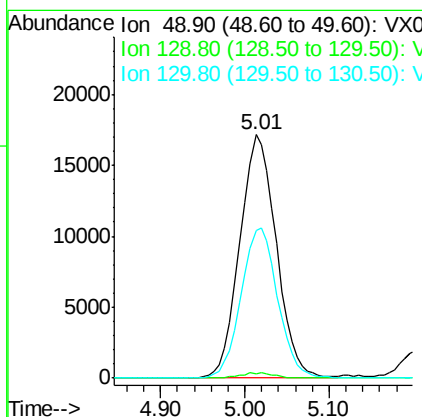
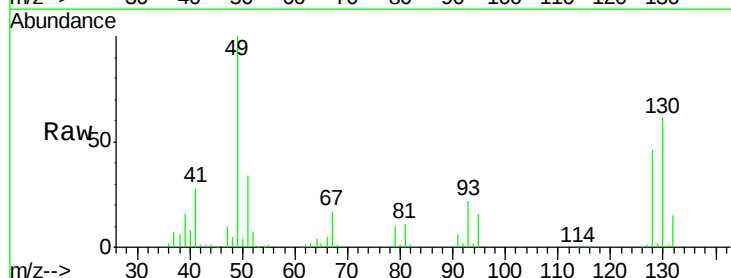
MMDadoda
4/11/2019 11:48:25 AM

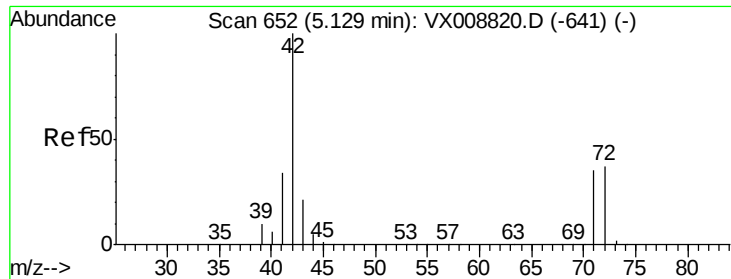


#28

Bromochloromethane
Concen: 22.010 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	50494		
129	1.8	0.0	3.6	
130	61.6	49.3	73.9	





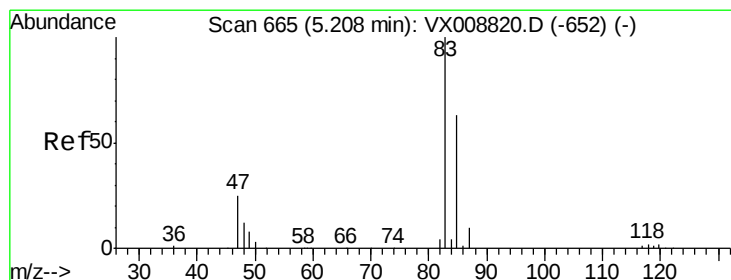
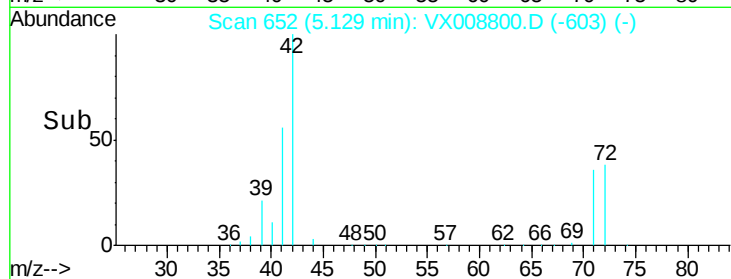
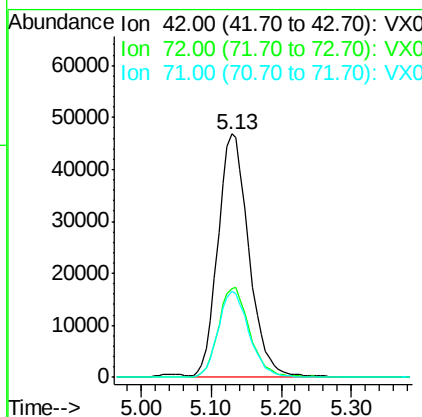
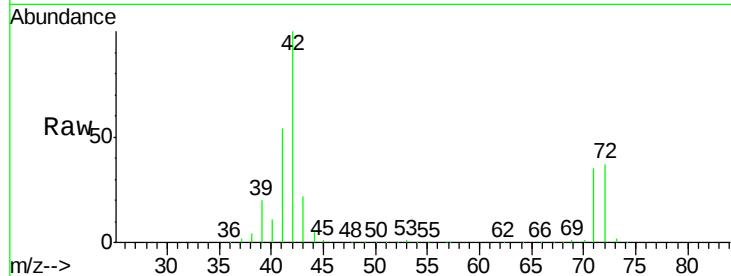
#29
Tetrahydrofuran
Concen: 80.313 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	30.5	45.7
71	35.7	28.6	43.0

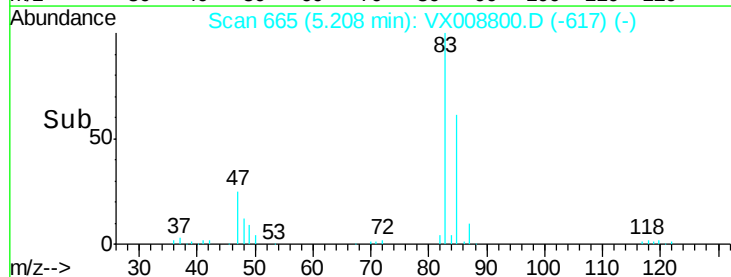
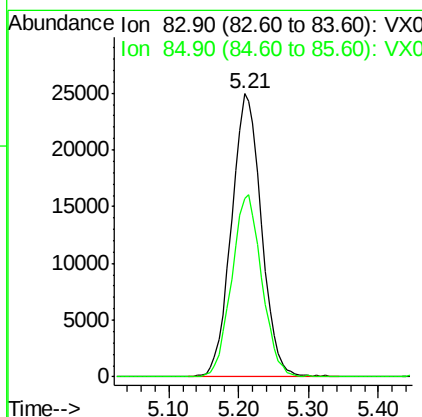
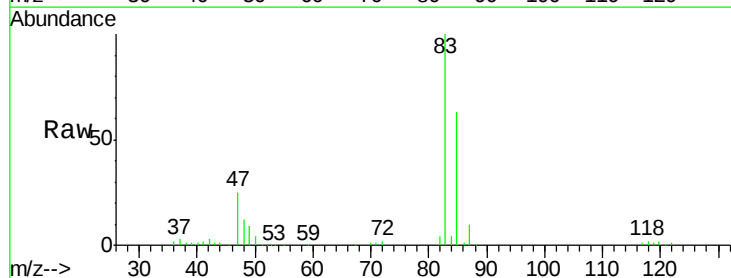
Manual Integrations
APPROVED

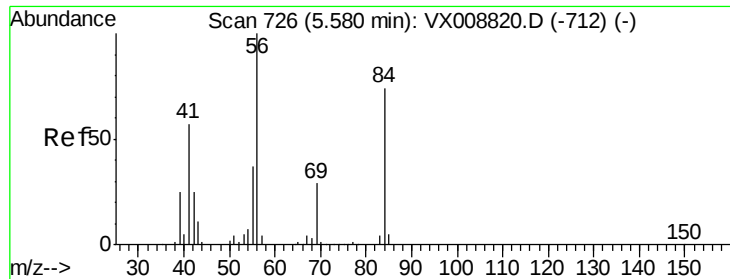
MMDadoda
4/11/2019 11:48:25 AM



#30
Chloroform
Concen: 16.240 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.1	78.1





#31

Cyclohexane

Concen: 14.984 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

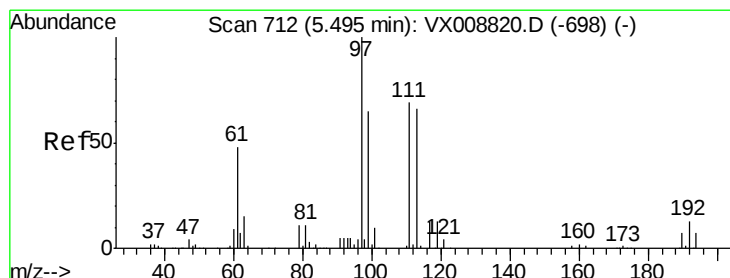
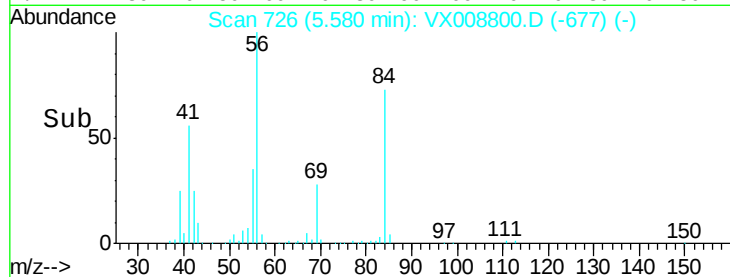
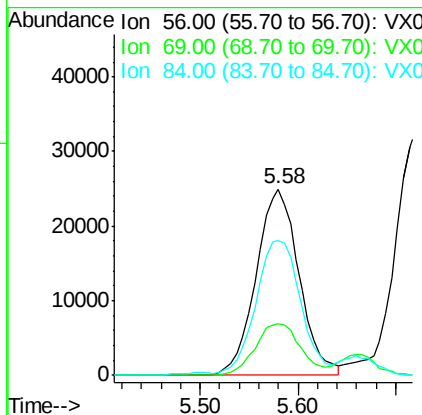
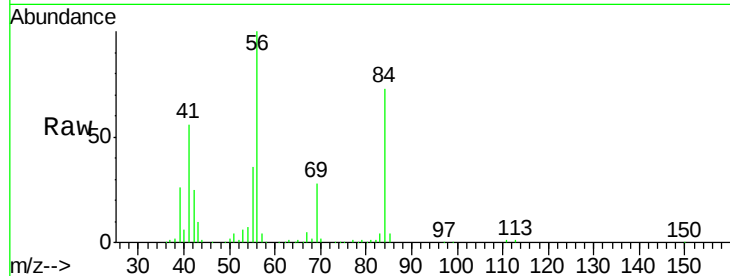
ClientSampleId :

VX0410WBSD01

Tot Ion:	56	Resp:	76246
Ion	Ratio	Lower	Upper
56	100		
69	27.6	22.6	33.8
84	71.4	59.3	88.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 16.255 ug/l

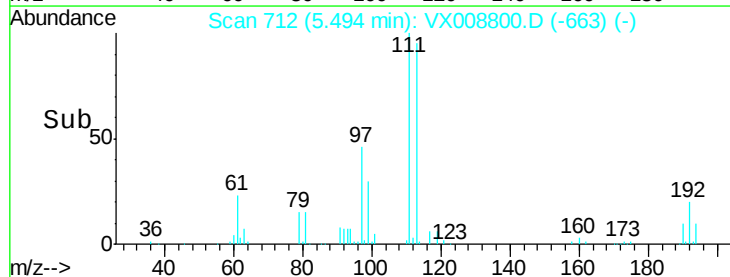
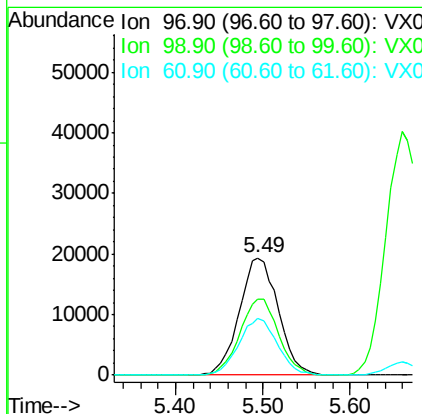
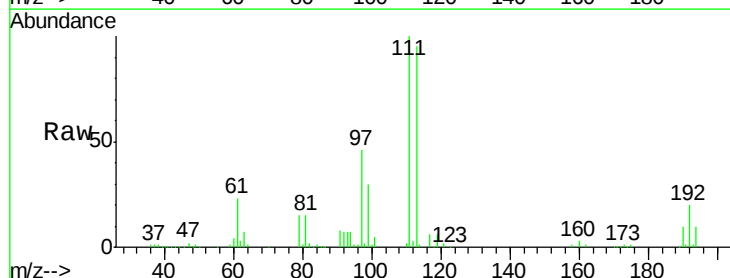
RT: 5.49 min Scan# 712

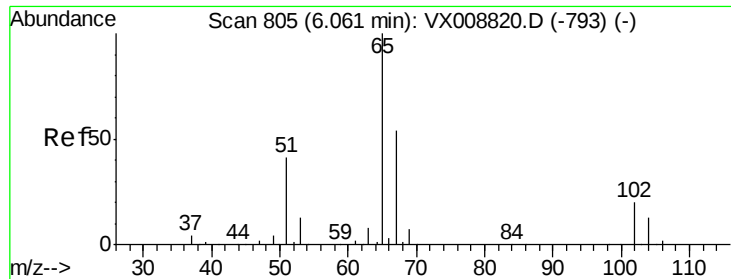
Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Tgt Ion:	97	Resp:	59829
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	48.2	38.9	58.3





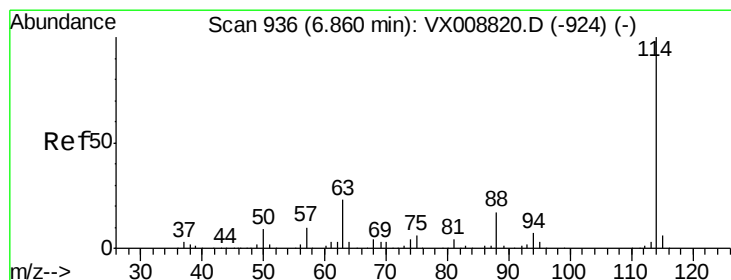
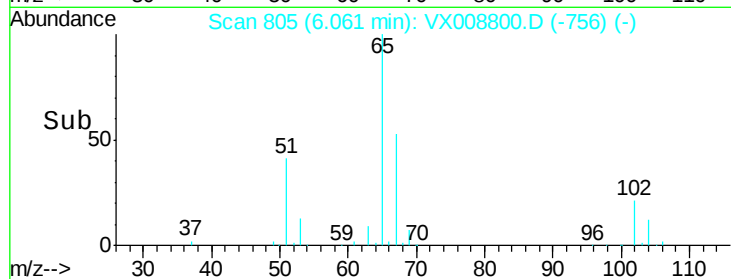
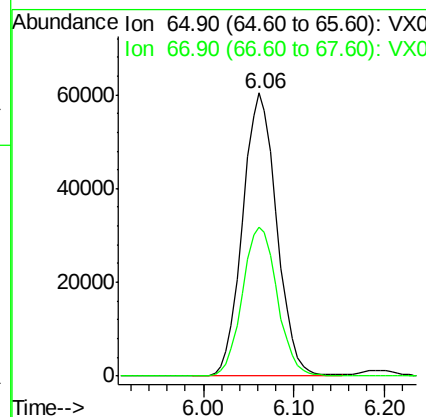
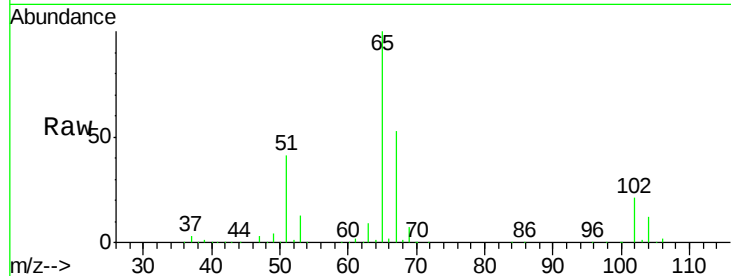
#33
 1,2-Dichloroethane-d4
 Concen: 53.395 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157252		
67	53.9	0.0	107.2	

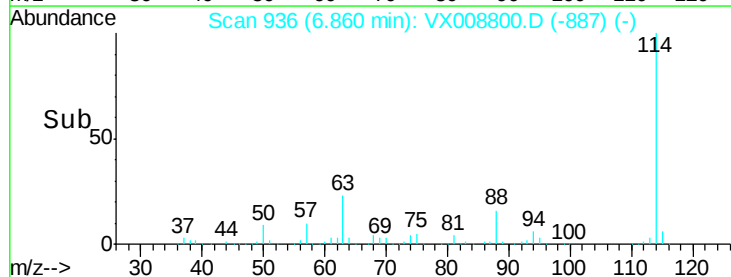
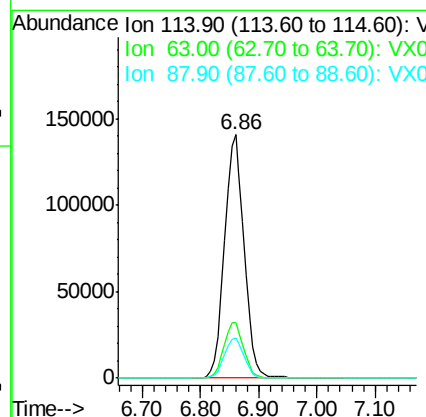
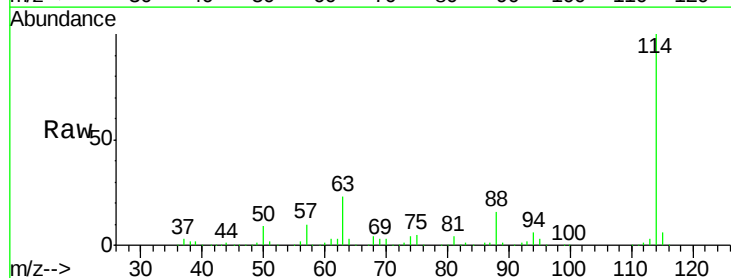
Manual Integrations
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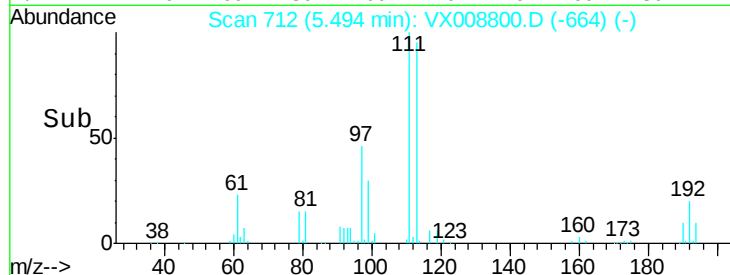
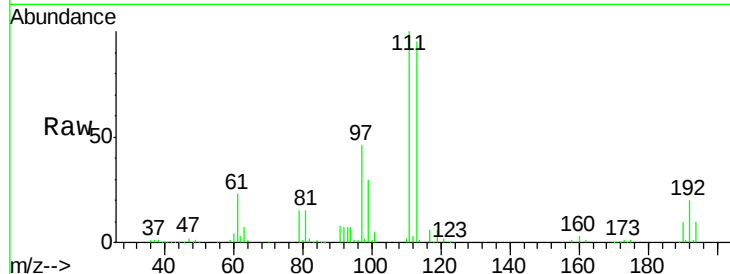
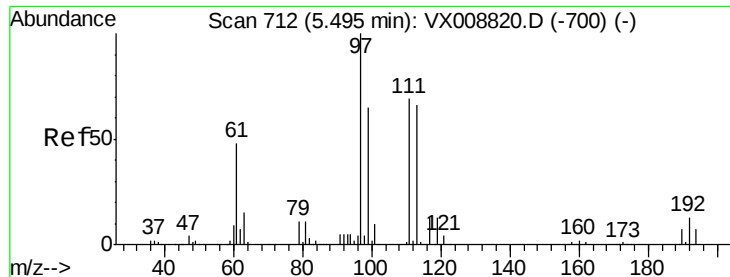
MMDadoda
 4/11/2019 11:48:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	327834		
63	22.7	0.0	47.2	
88	16.3	0.0	34.0	





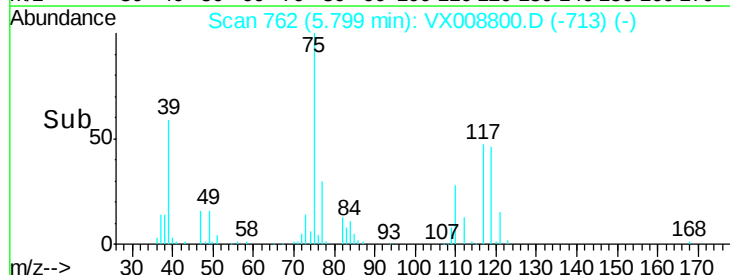
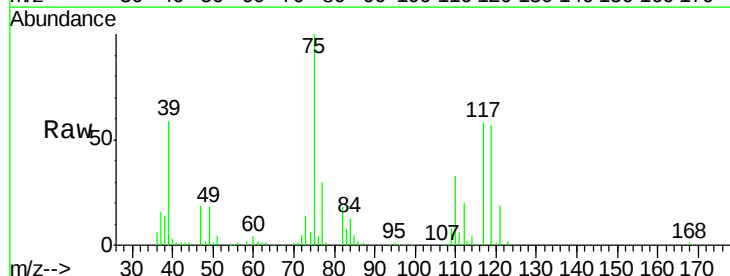
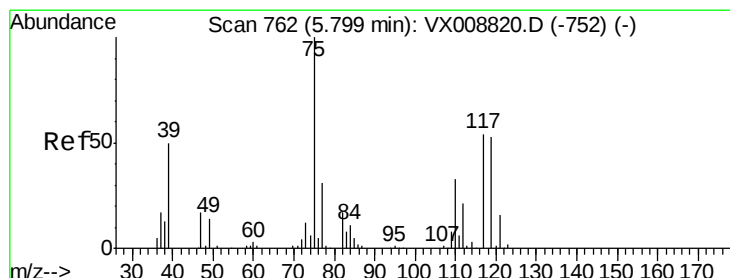
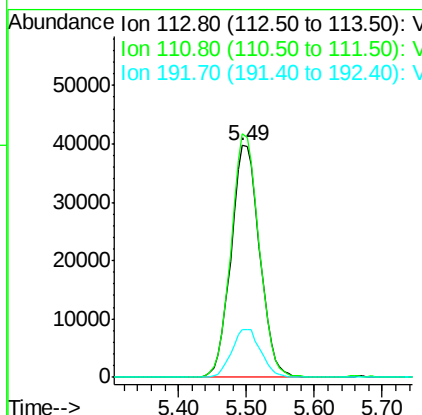
#35
Dibromofluoromethane
Concen: 55.424 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116172		
111	102.8	83.4	125.2	
192	20.9	16.1	24.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

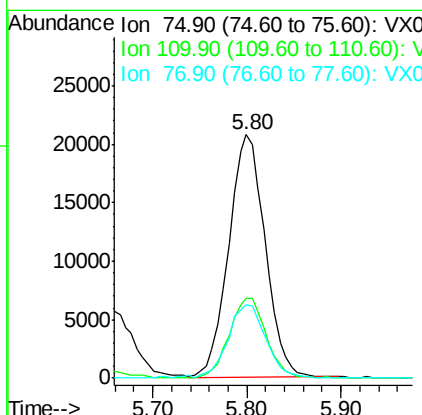
Manual Integrations
APPROVED

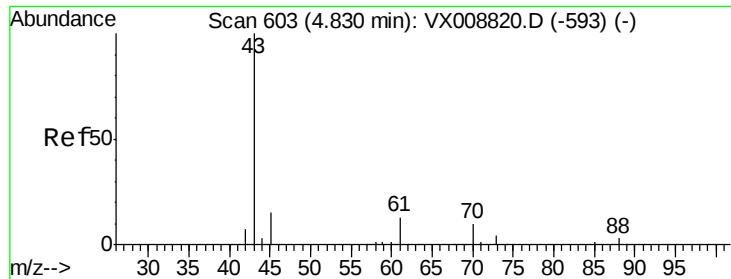
MMDadoda
4/11/2019 11:48:25 AM



#36
1,1-Dichloropropene
Concen: 15.641 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56052		
110	33.5	16.4	49.2	
77	31.8	24.7	37.1	





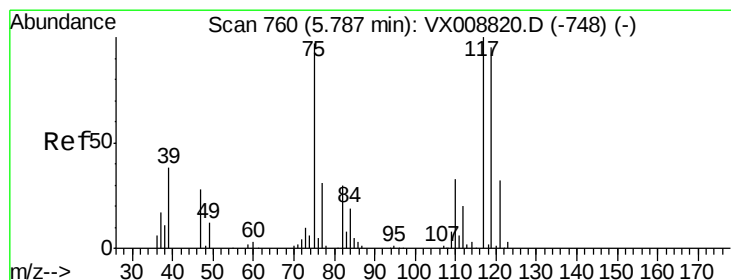
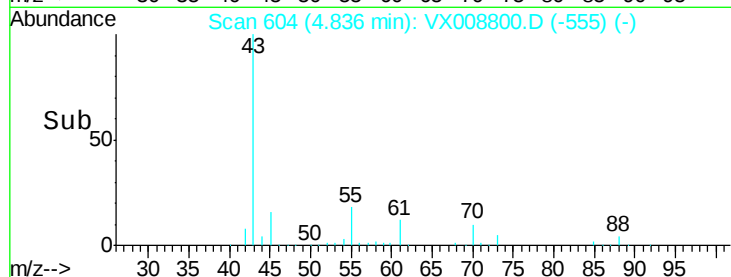
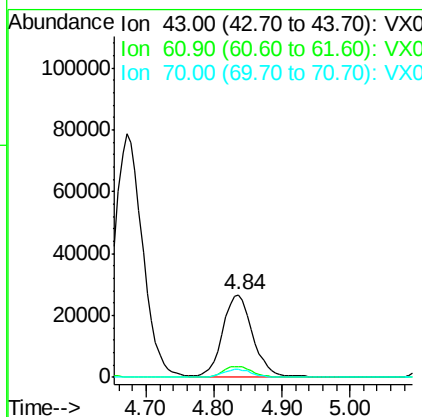
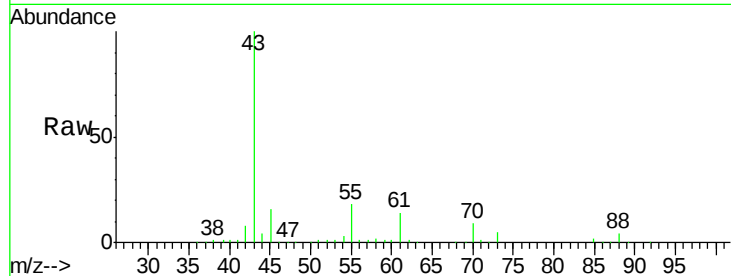
#37
Ethyl Acetate
Concen: 16.997 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.3	15.5
70	9.6	7.6	11.4

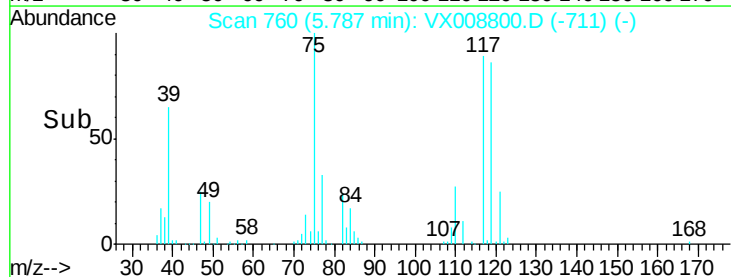
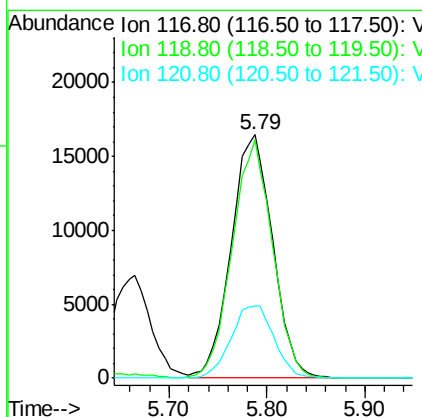
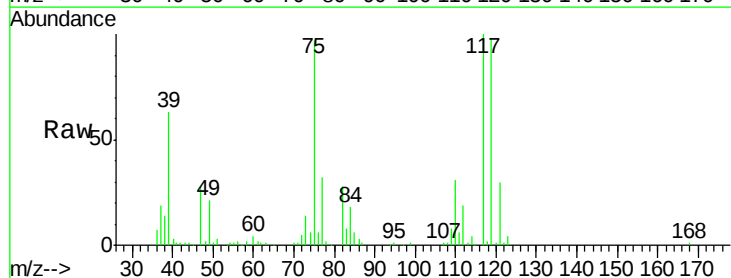
Manual Integrations
APPROVED

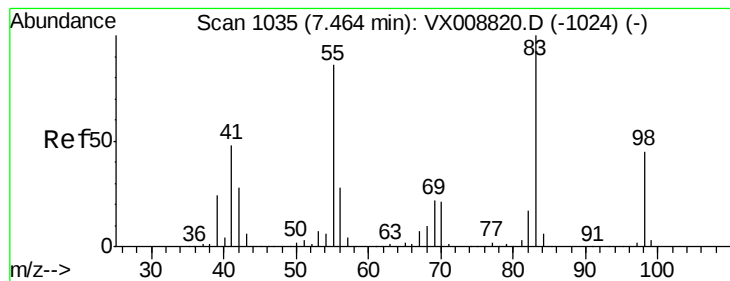
MMDadoda
4/11/2019 11:48:25 AM



#38
Carbon Tetrachloride
Concen: 16.358 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.0	112.6
121	29.5	24.3	36.5





#39

Methvlcvclohexane

Concen: 15.479 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 83 Resp: 68522

Ion Ratio Lower Upper

83 100

55 87.6 69.0 103.6

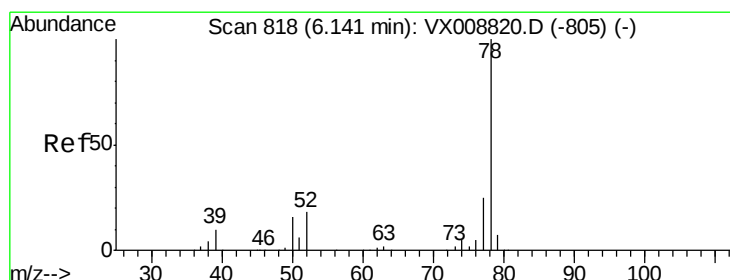
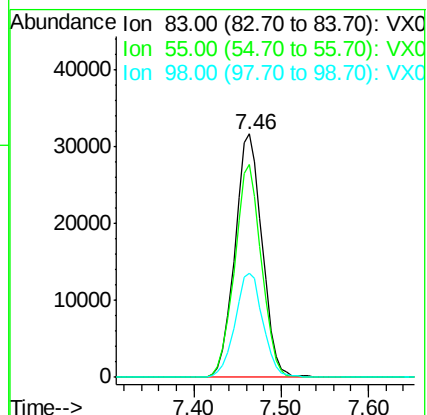
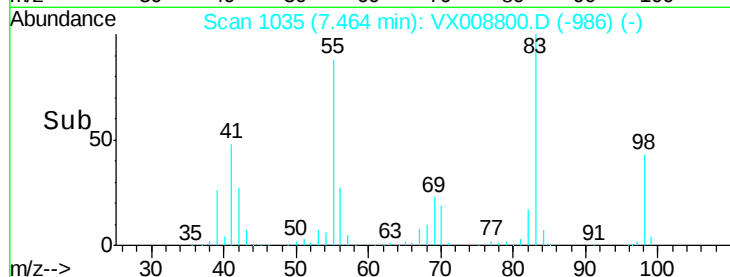
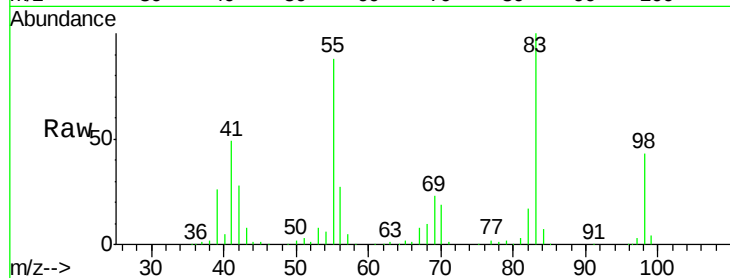
98 42.9 34.4 51.6

Manual Integrations

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#40

Benzene

Concen: 16.477 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008800.D

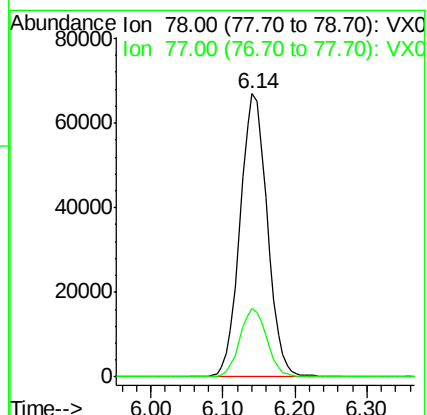
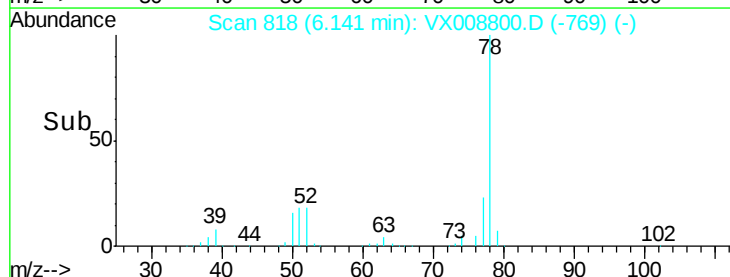
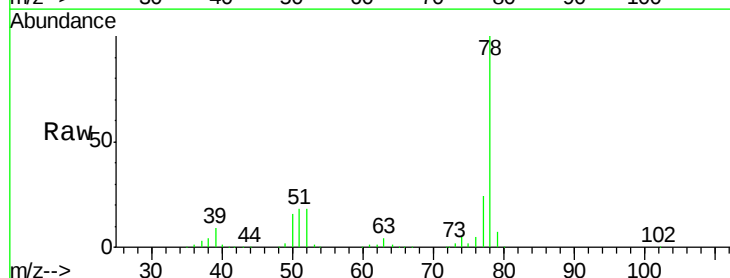
Acq: 10 Apr 2019 13:13

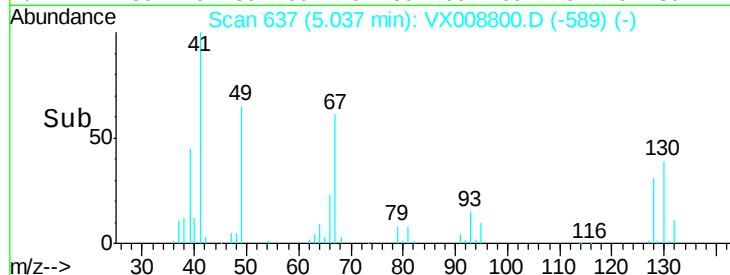
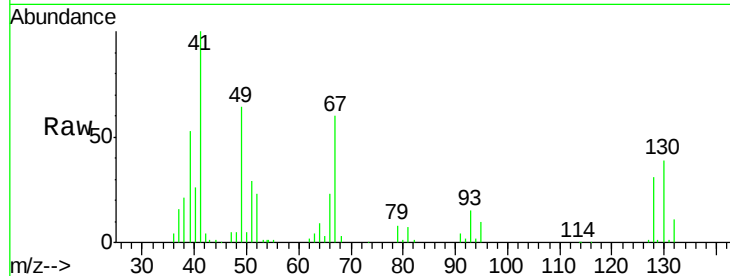
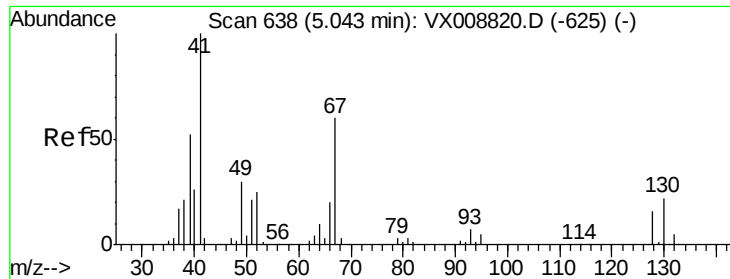
Tgt Ion: 78 Resp: 175905

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7





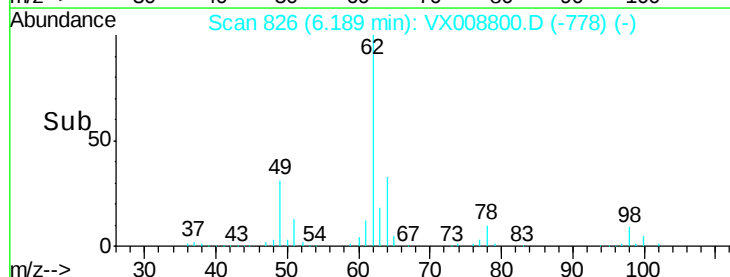
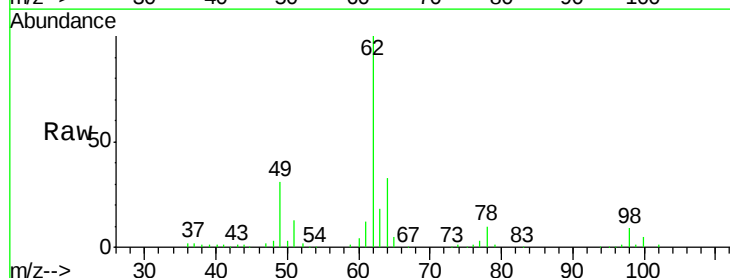
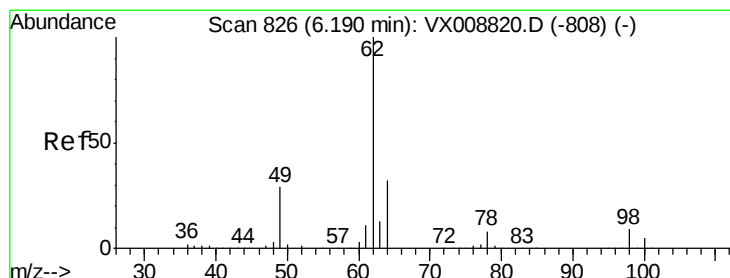
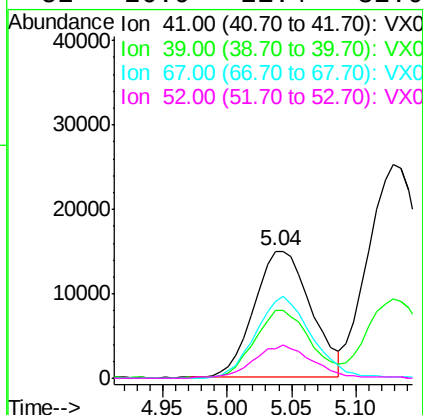
#41
Methacrylonitrile
Concen: 16.766 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		46099		
39	52.9	42.1	63.1		
67	63.6	51.0	76.6		
52	26.9	21.4	32.0		

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

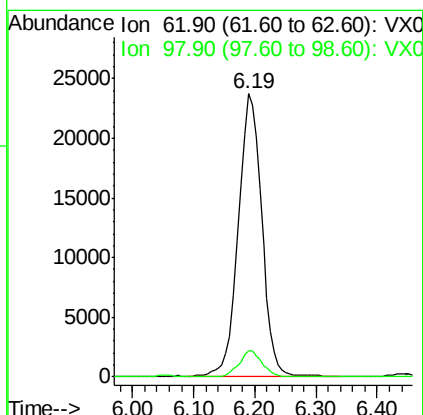
Manual Integrations
APPROVED

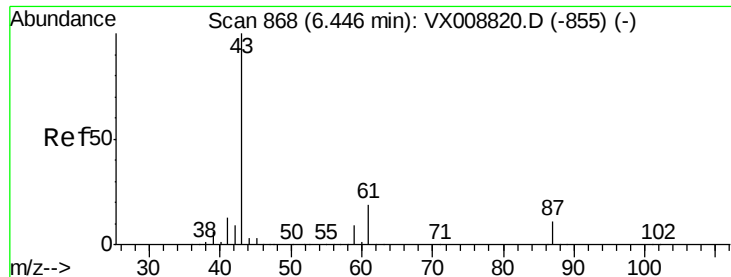
MMDadoda
4/11/2019 11:48:25 AM



#42
1,2-Dichloroethane
Concen: 16.509 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		63185		
98	8.9	0.0	18.0		





#43

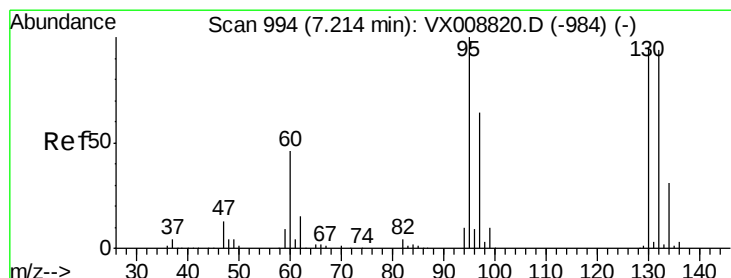
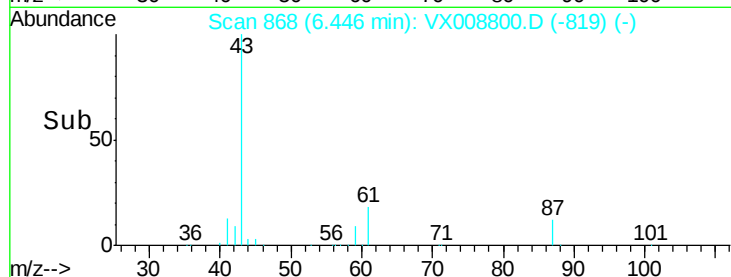
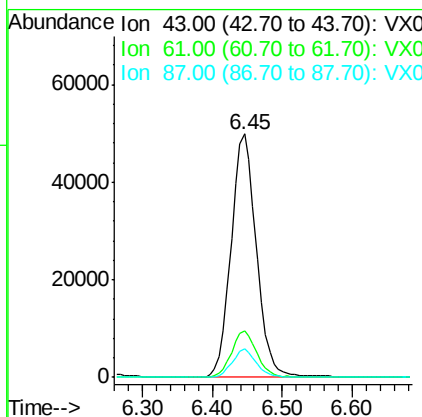
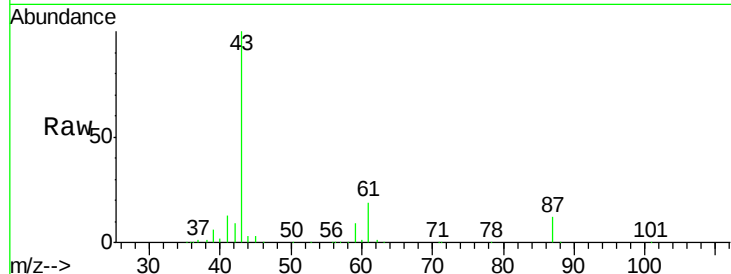
Isopropyl Acetate
 Concen: 16.604 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	11.2	9.0	13.6

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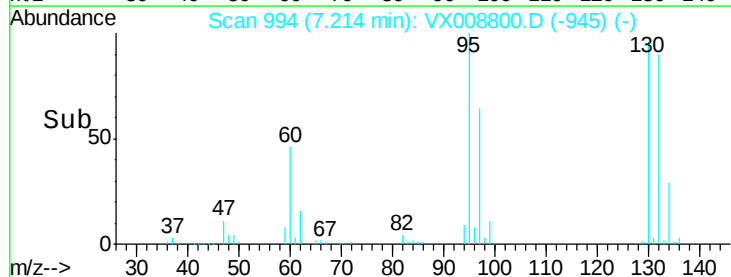
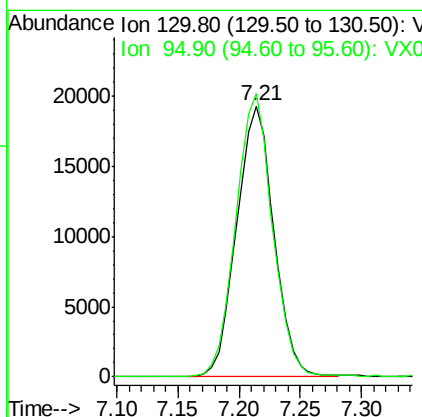
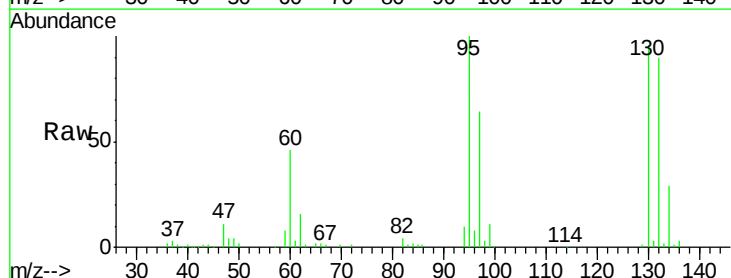
MMDadoda
 4/11/2019 11:48:25 AM

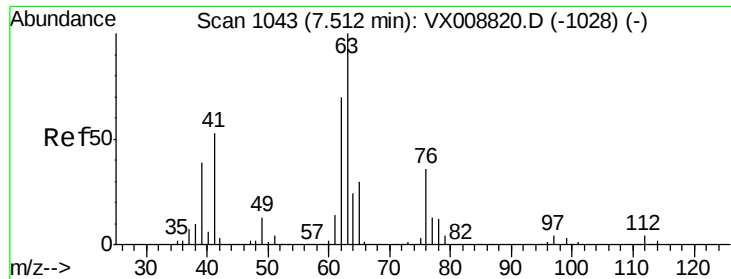


#44

Trichloroethene
 Concen: 16.345 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	209.8





#45

1,2-Dichloropropane

Concen: 16.588 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 63 Resp: 50546

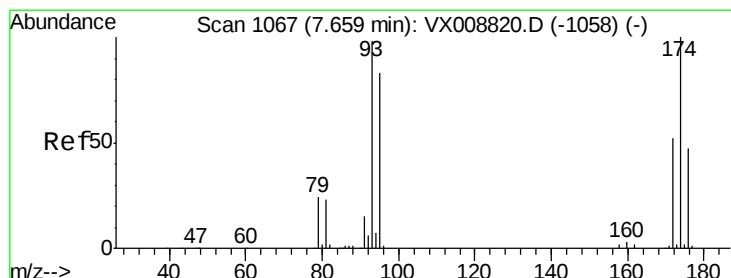
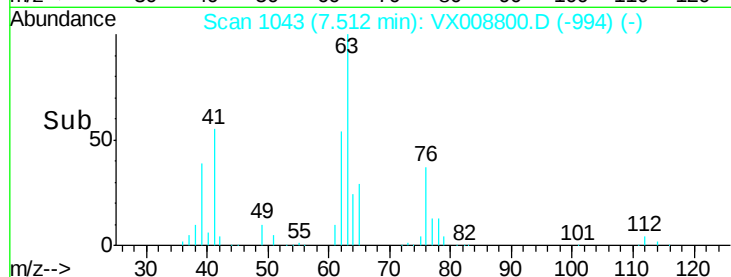
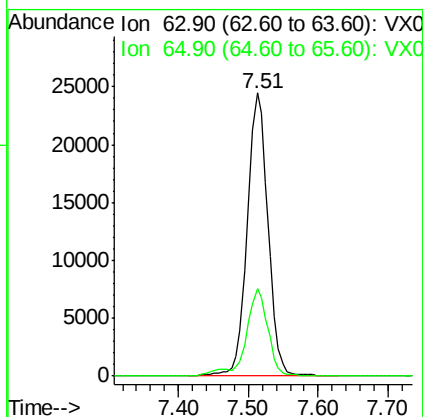
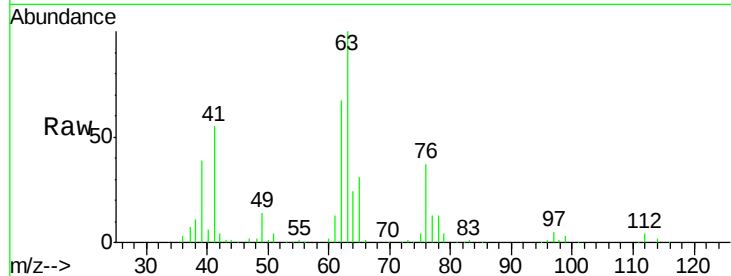
Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.4

Manual Integrations
APPROVED

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



#46

Dibromomethane

Concen: 16.176 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

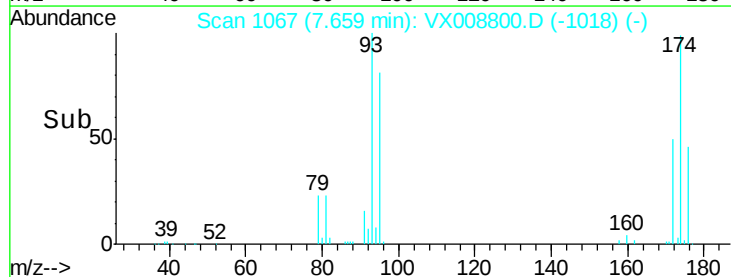
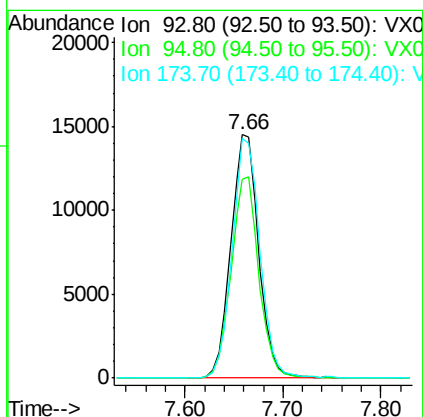
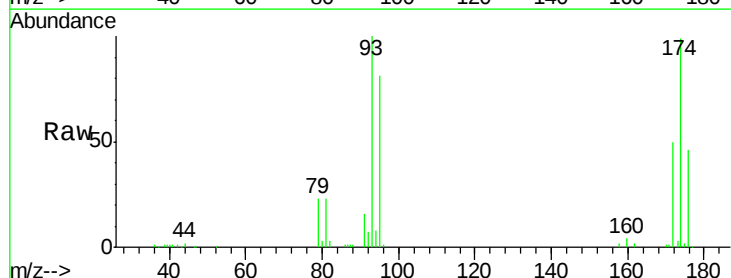
Tgt Ion: 93 Resp: 28588

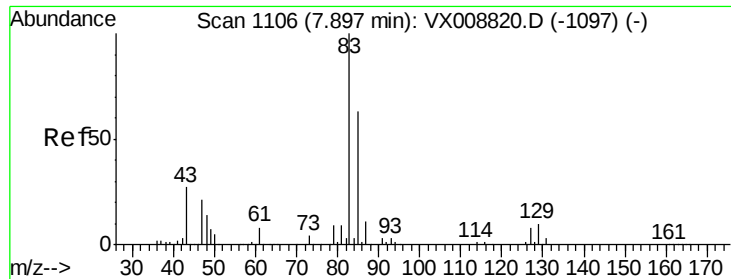
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 98.8 77.7 116.5





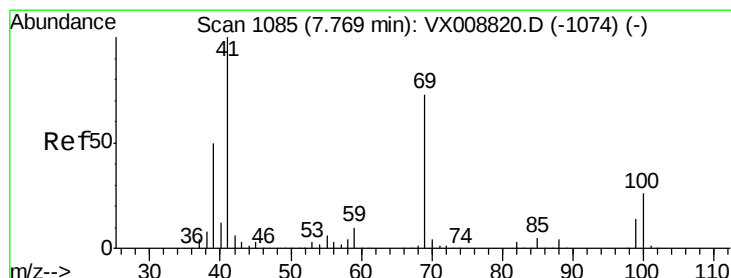
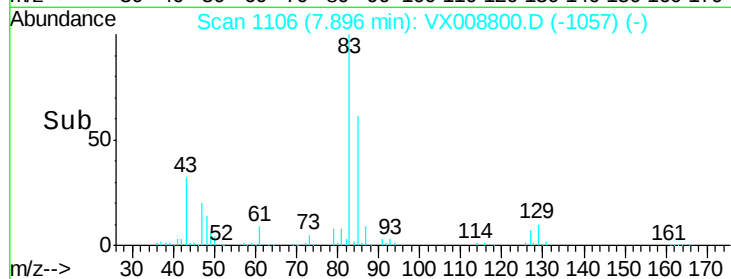
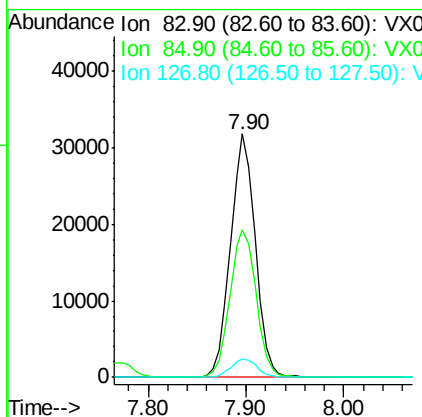
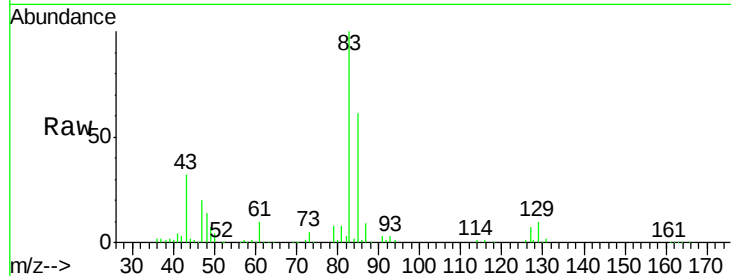
#47
Bromodichloromethane
Concen: 16.824 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.2	76.8
127	7.4	6.6	10.0

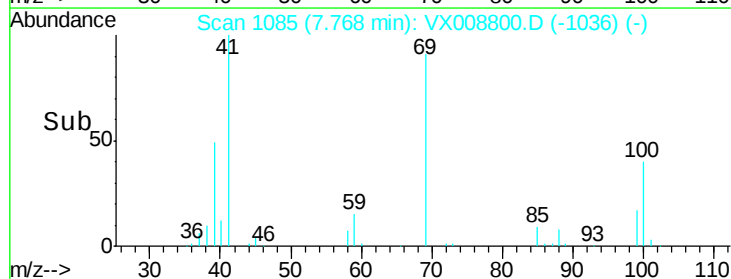
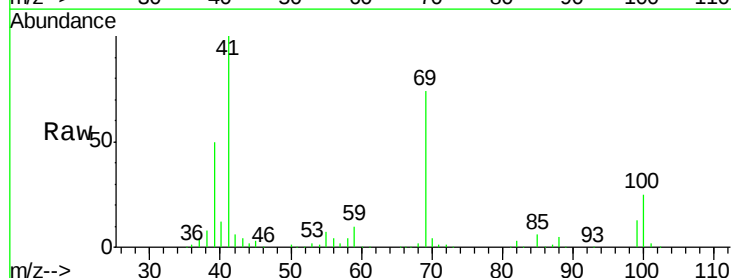
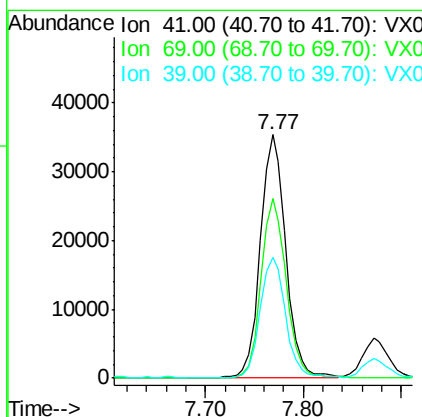
Manual Integrations
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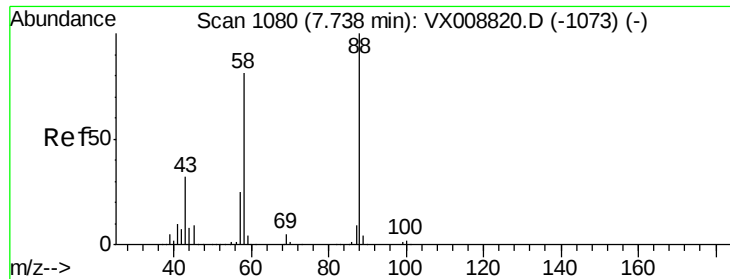
MMDadoda
4/11/2019 11:48:25 AM



#48
Methyl methacrylate
Concen: 16.890 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.2	59.0	88.4
39	50.5	41.0	61.4





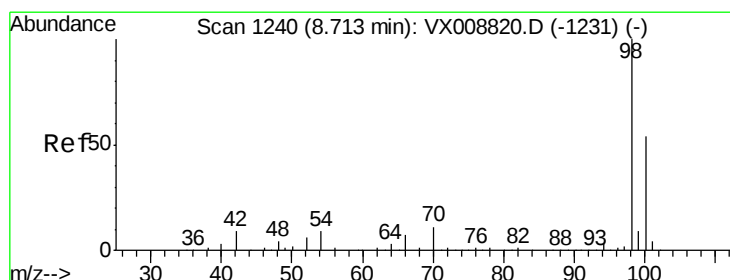
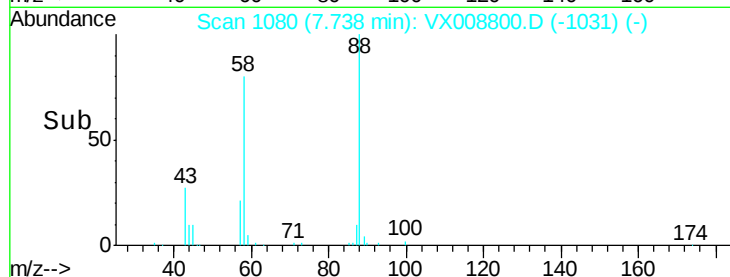
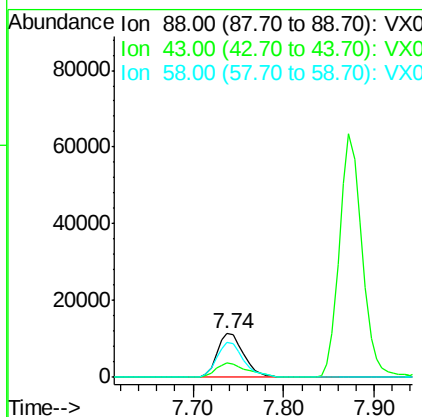
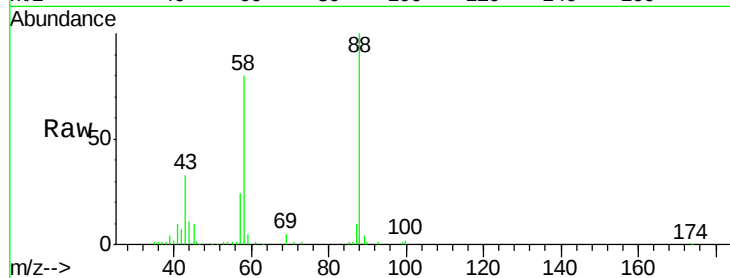
#49
1,4-Dioxane
Concen: 332.657 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	43.0
58	81.6	62.2	93.2

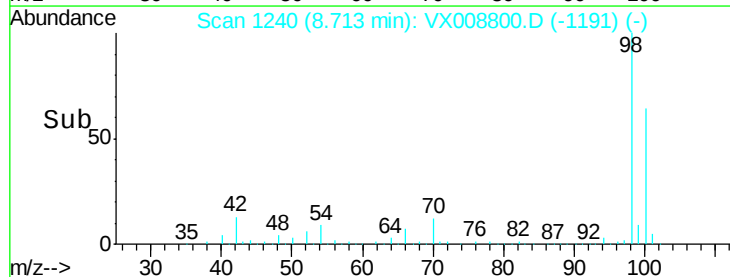
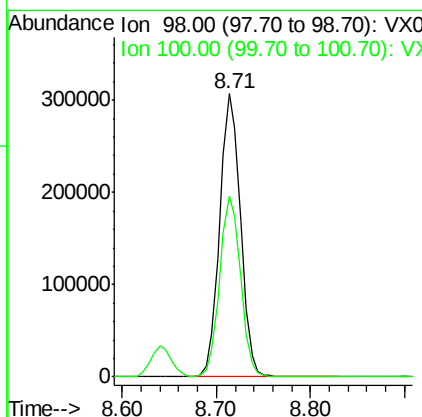
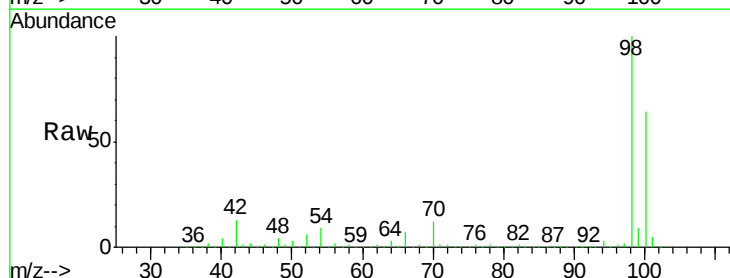
Manual Integrations
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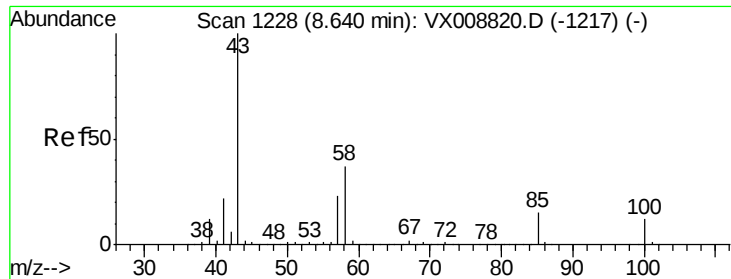
MMDadoda
4/11/2019 11:48:25 AM



#50
Toluene-d8
Concen: 56.453 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 87.215 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 43 Resp: 420684

Ion Ratio Lower Upper

43 100

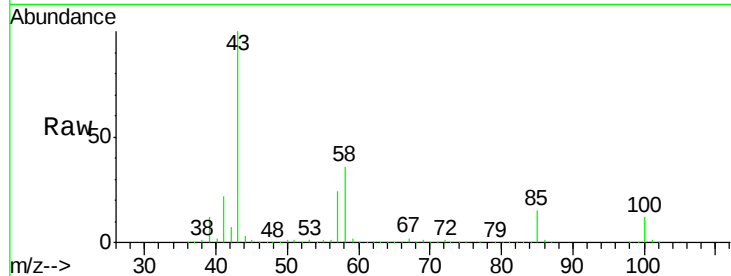
58 36.9 29.5 44.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

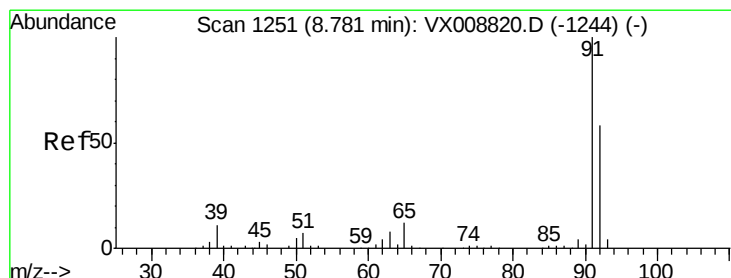
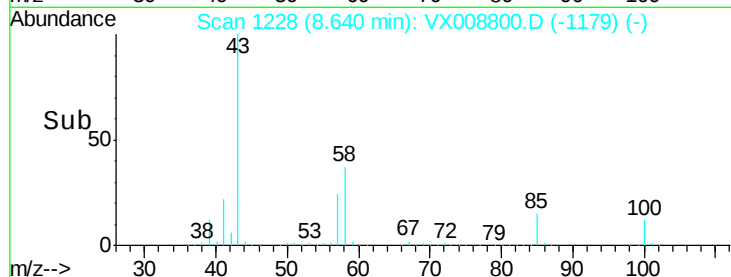
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 16.563 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008800.D

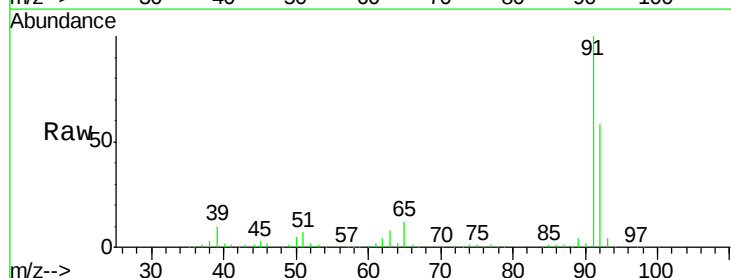
Acq: 10 Apr 2019 13:13

Tgt Ion: 92 Resp: 104250

Ion Ratio Lower Upper

92 100

91 174.7 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

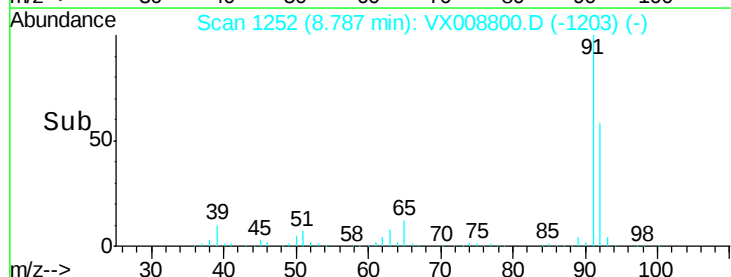
8.79

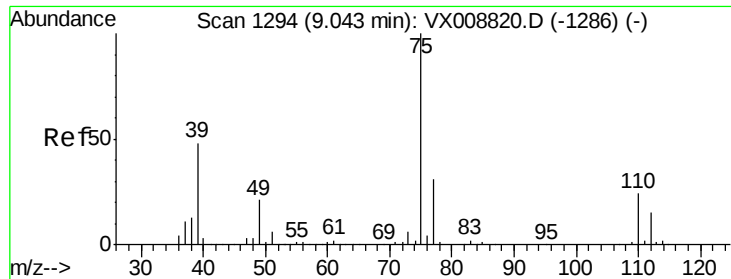
100000

50000

0

Time-->





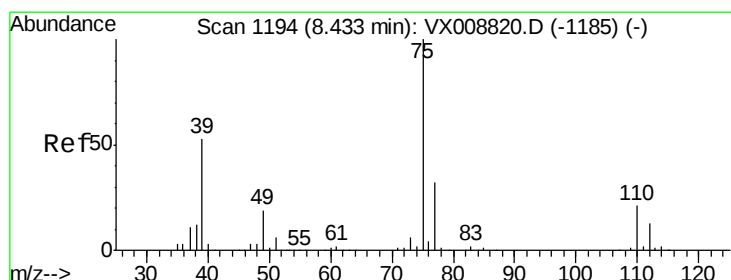
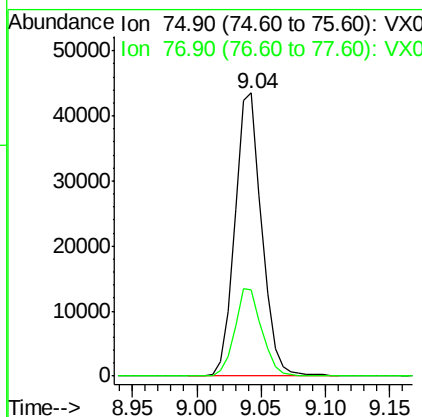
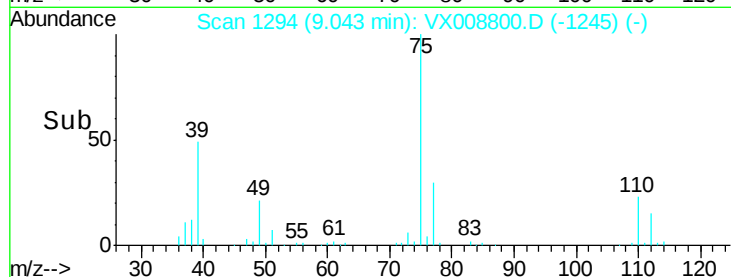
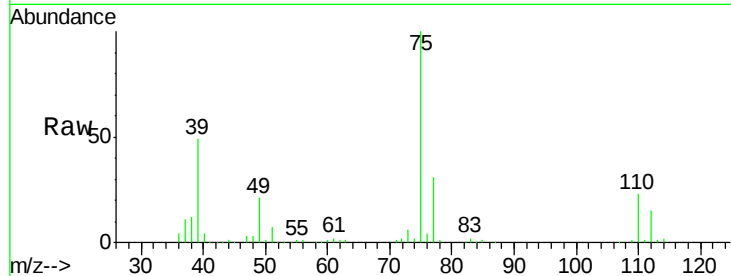
#53
 t-1,3-Dichloropropene
 Concen: 16.901 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion: 75 Resp: 63087
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8

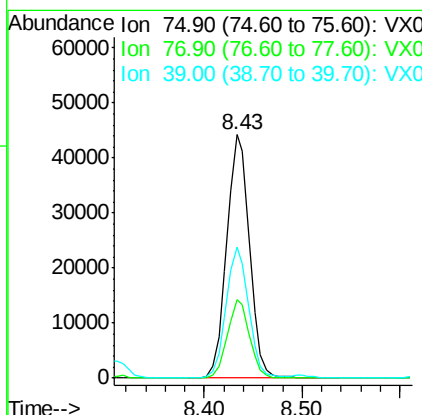
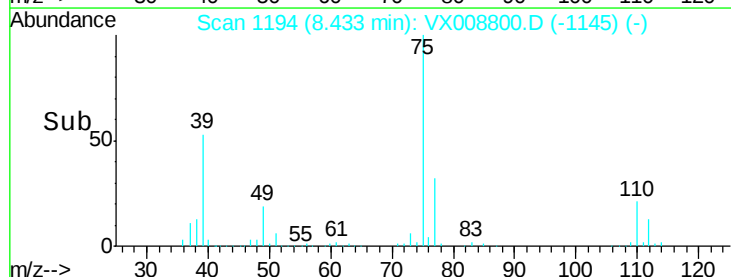
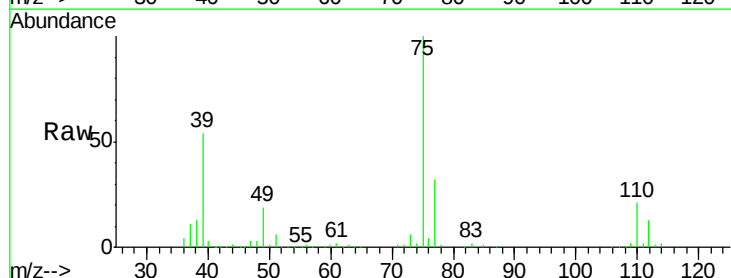
Manual Integrations
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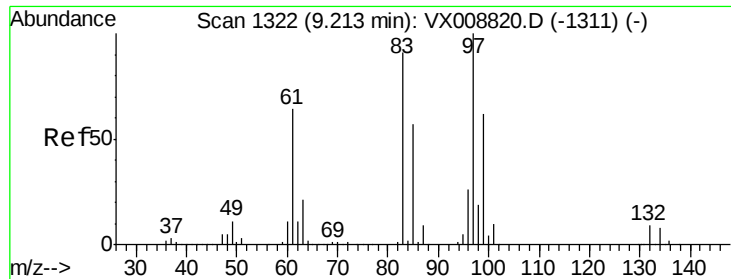
MMDadoda
 4/11/2019 11:48:25 AM



#54
 cis-1,3-Dichloropropene
 Concen: 16.773 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion: 75 Resp: 71539
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 53.3 42.6 63.8





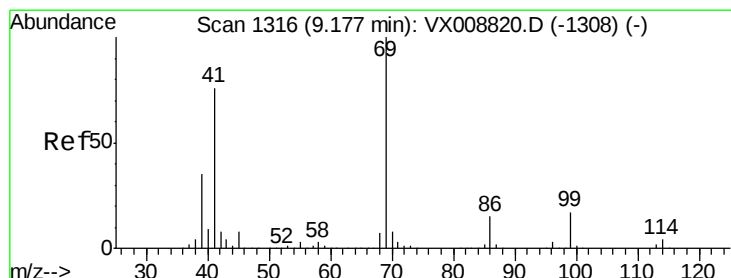
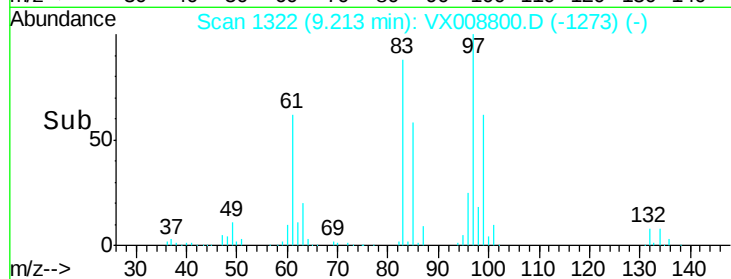
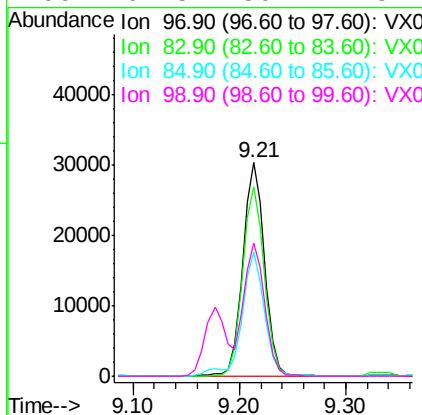
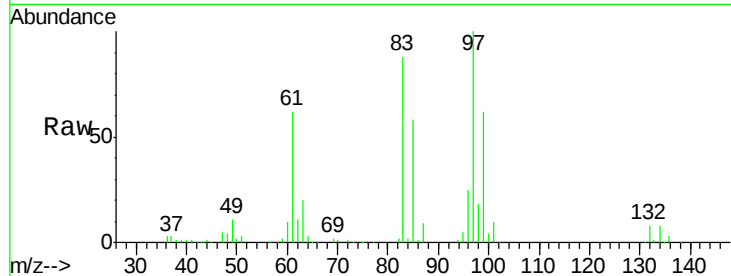
#55
 1,1,2-Trichloroethane
 Concen: 17.203 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion:	97	Resp:	43462
Ion	Ratio	Lower	Upper
97	100		
83	88.4	73.2	109.8
85	58.2	46.6	69.8
99	62.5	50.1	75.1

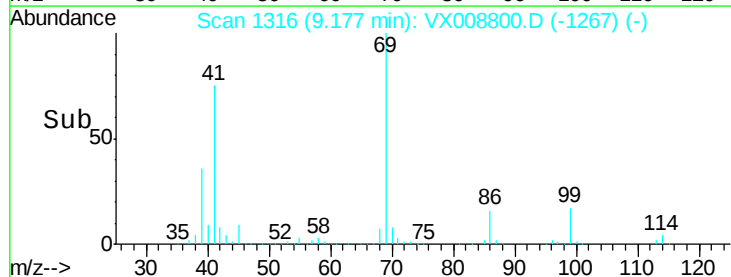
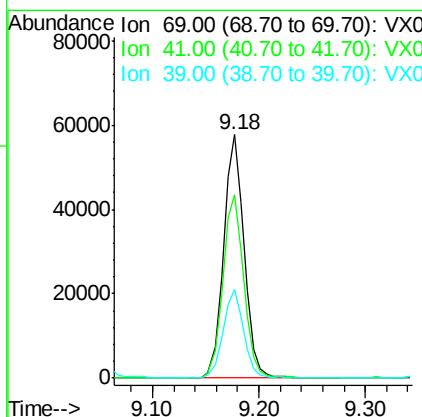
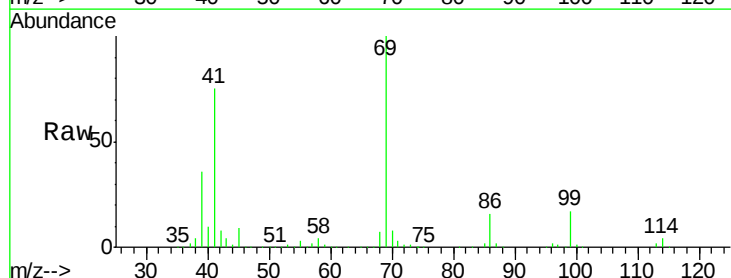
Manual Integrations
 APPROVED

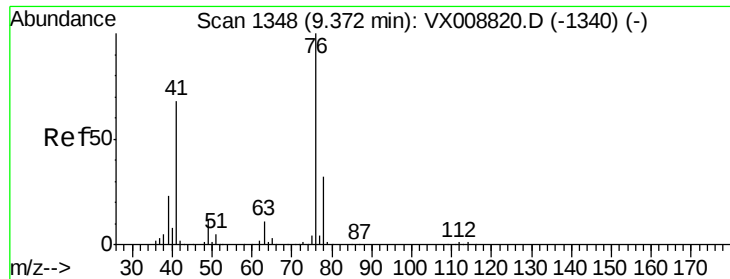
MMDadoda
 4/11/2019 11:48:25 AM



#56
 Ethyl methacrylate
 Concen: 16.988 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion:	69	Resp:	77657
Ion	Ratio	Lower	Upper
69	100		
41	76.5	60.1	90.1
39	36.1	28.9	43.3





#57

1,3-Dichloropropane

Concen: 17.048 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 76 Resp: 77341

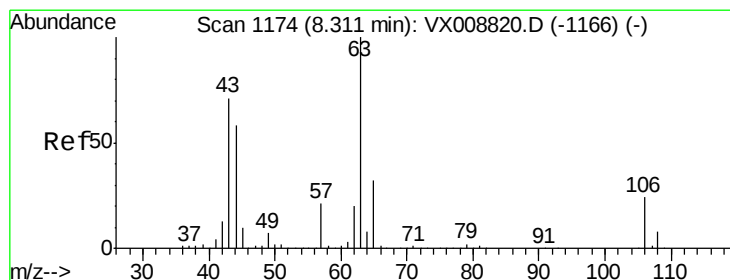
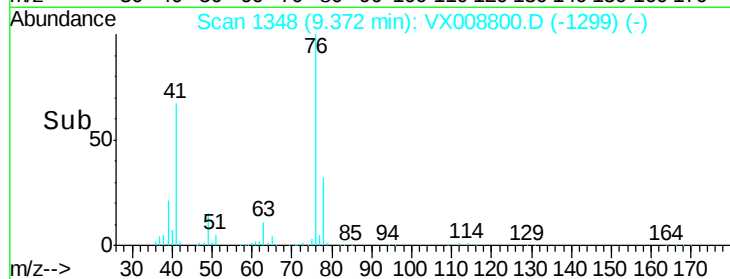
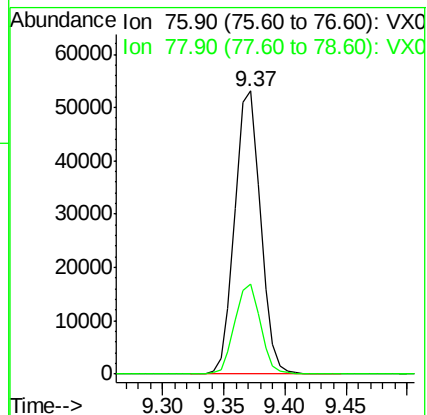
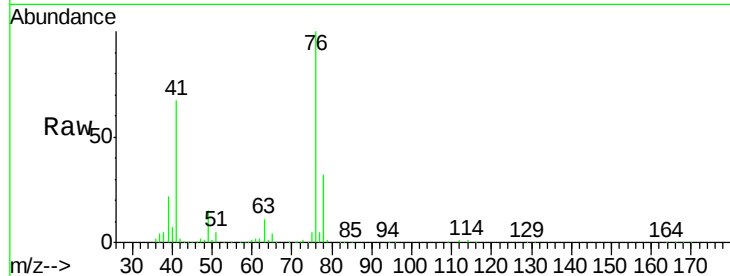
Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4

Manual Integrations
APPROVED

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



#58

2-Chloroethyl Vinyl ether

Concen: 105.391 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008800.D

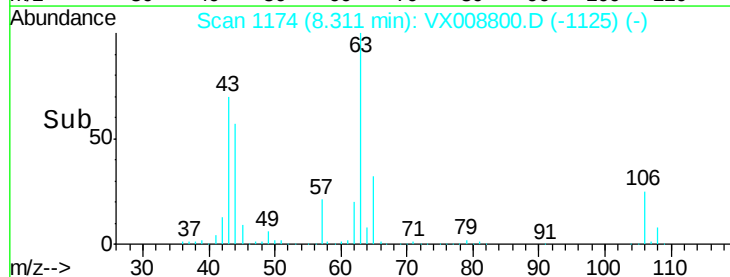
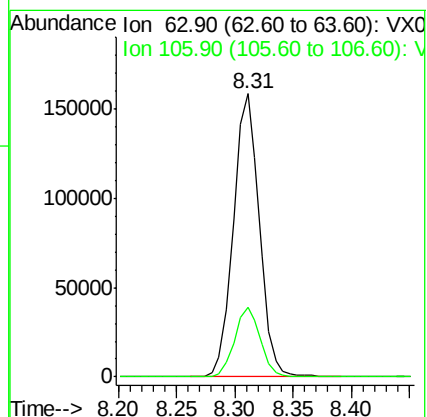
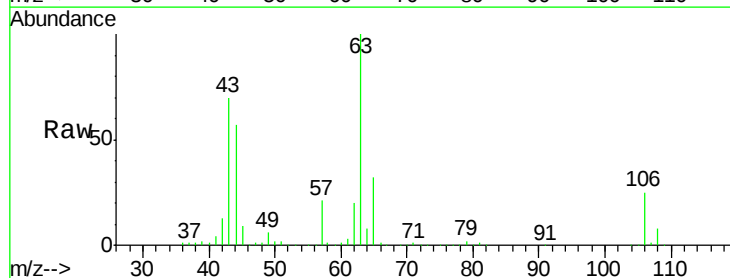
Acq: 10 Apr 2019 13:13

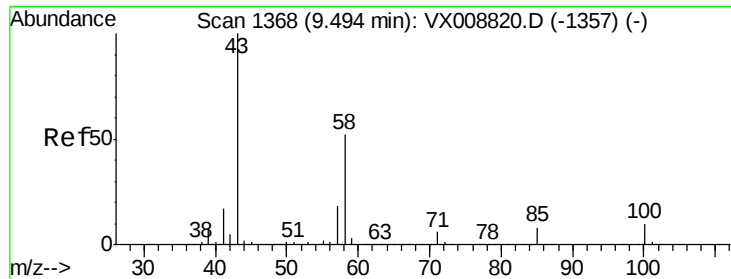
Tgt Ion: 63 Resp: 245994

Ion Ratio Lower Upper

63 100

106 24.4 19.0 28.6





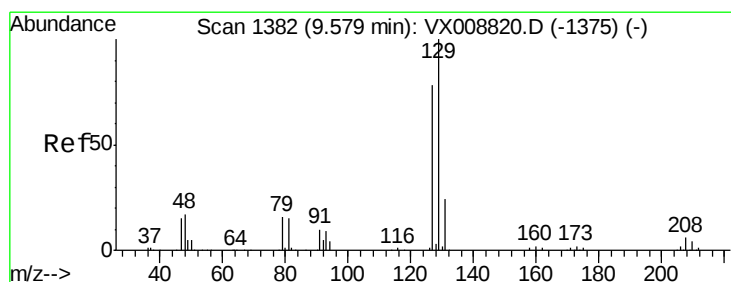
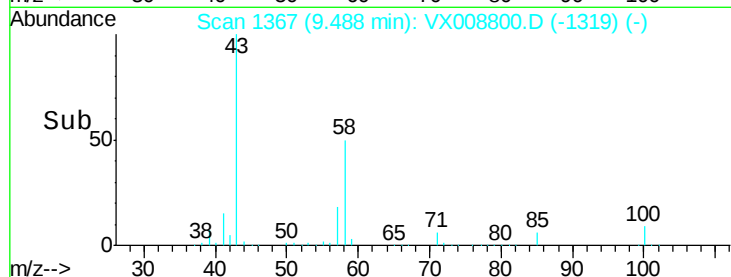
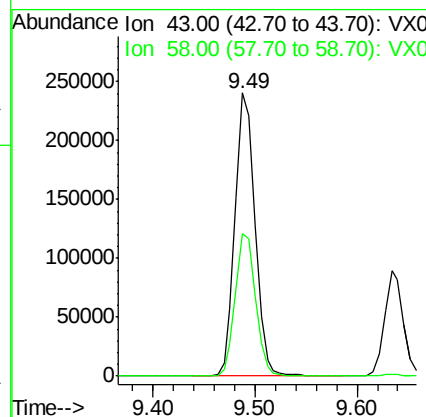
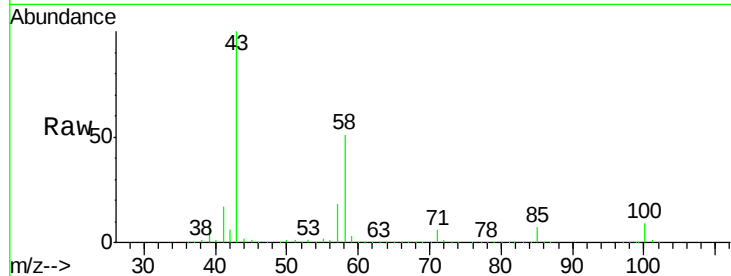
#59
2-Hexanone
Concen: 86.623 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion: 43 Resp: 324715
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7

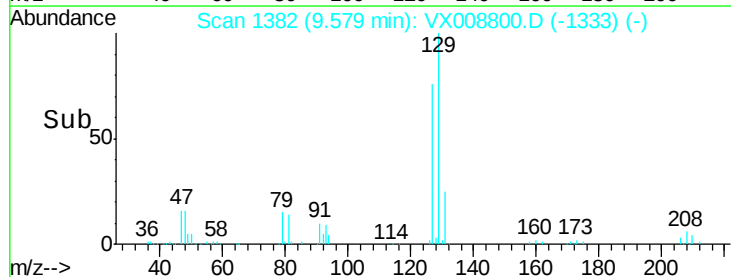
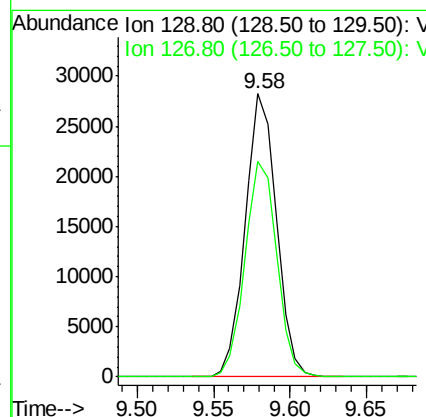
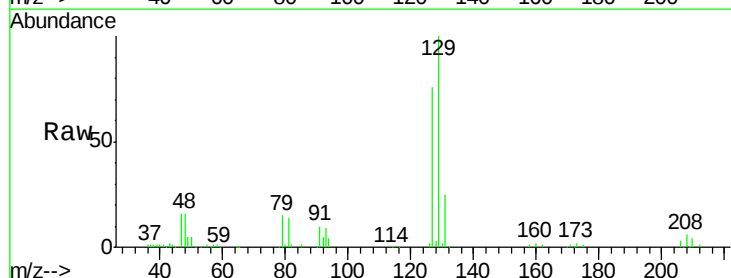
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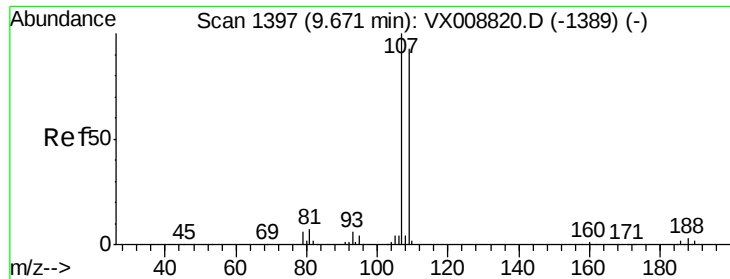
MMDadoda
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#60
Dibromochloromethane
Concen: 16.877 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 129 Resp: 40179
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 16.848 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion:107 Resp: 44313

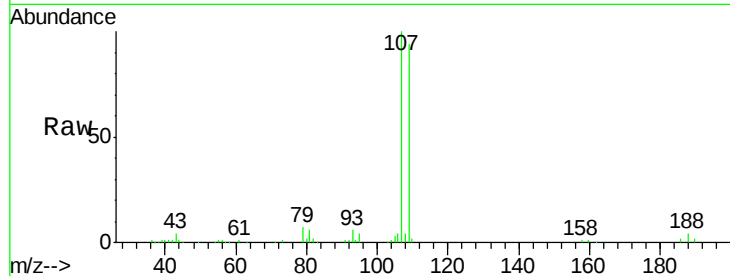
Ion Ratio Lower Upper

107 100

109 91.7 74.1 111.1

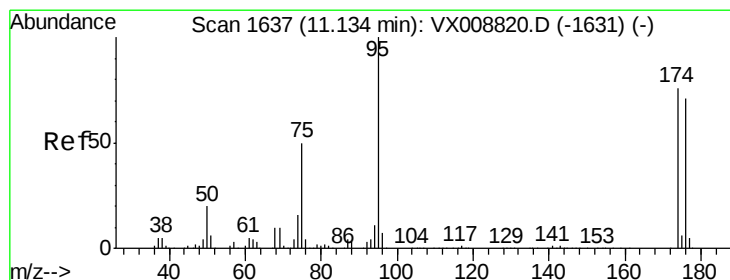
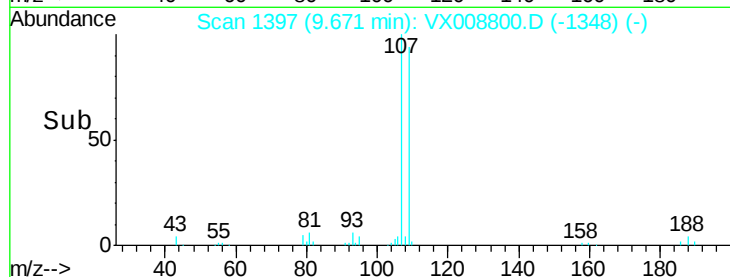
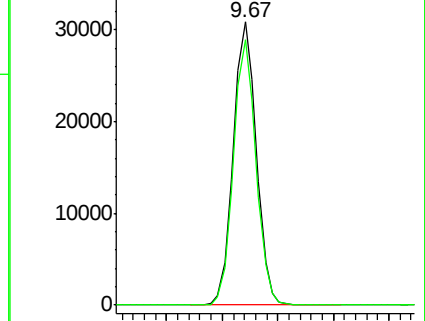
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.261 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

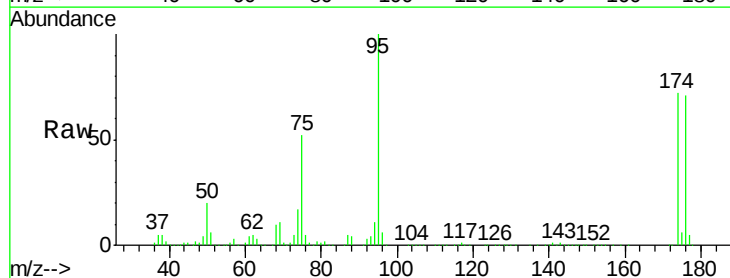
Tgt Ion: 95 Resp: 169469

Ion Ratio Lower Upper

95 100

174 78.4 0.0 151.8

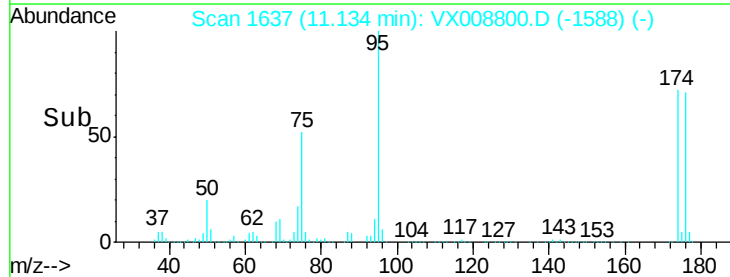
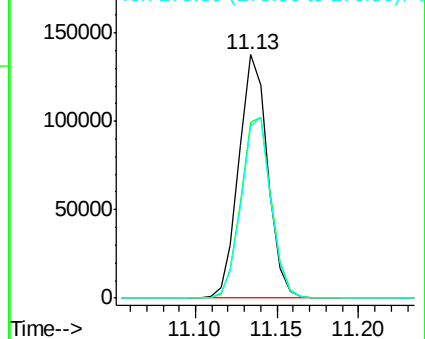
176 76.6 0.0 145.8

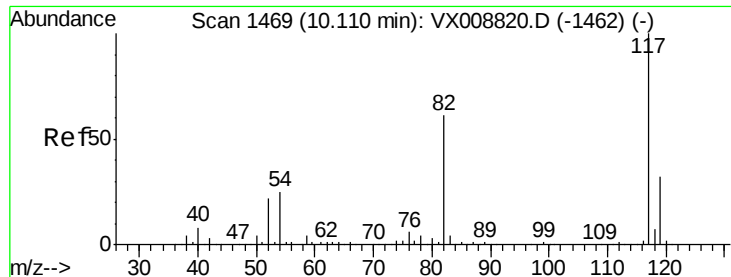


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





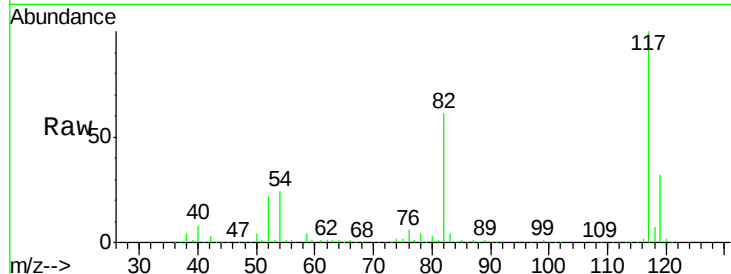
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	292253		
82	60.6	49.6	74.4	
119	32.2	25.0	37.4	

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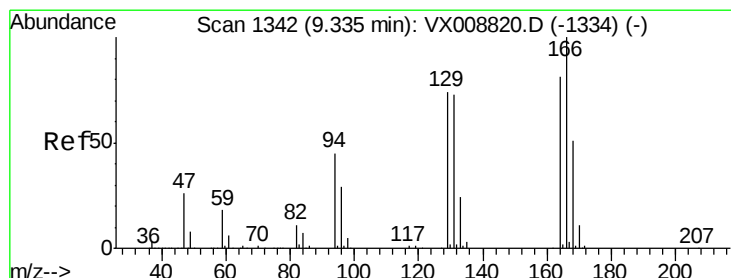
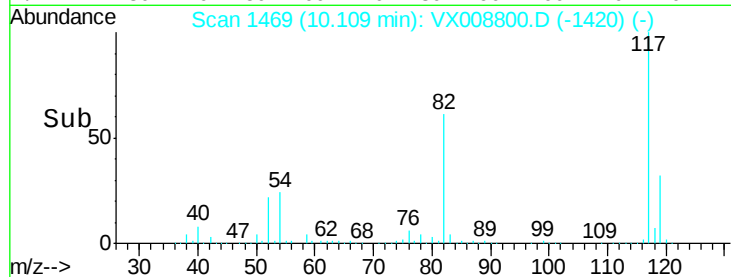
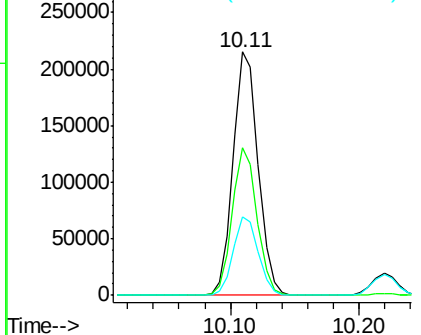


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 16.398 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	35506		
166	128.3	101.0	151.6	
129	93.3	75.8	113.8	
131	91.0	71.8	107.8	

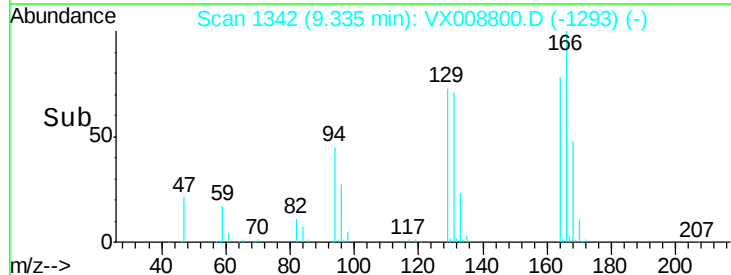
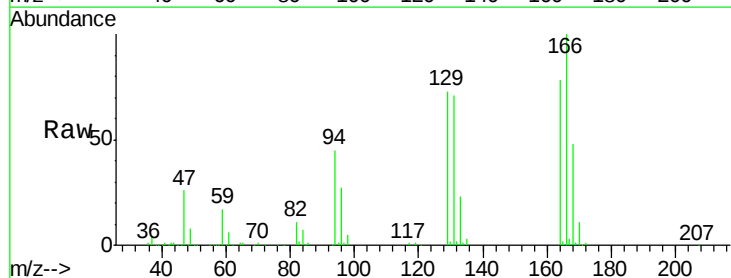
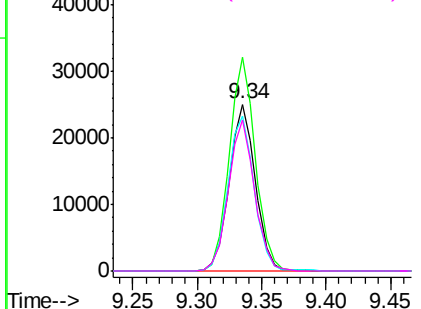
Abundance

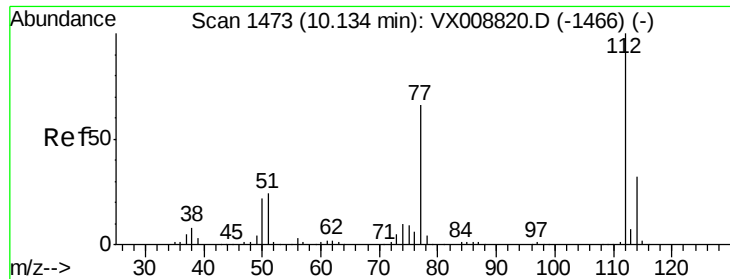
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





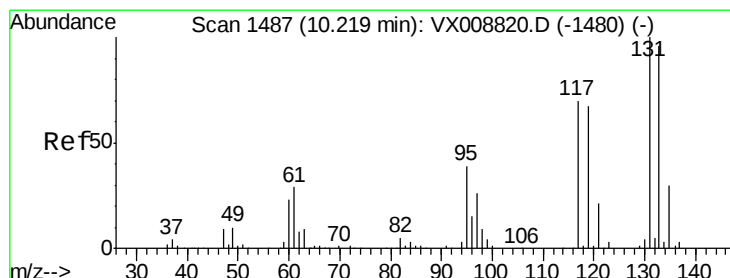
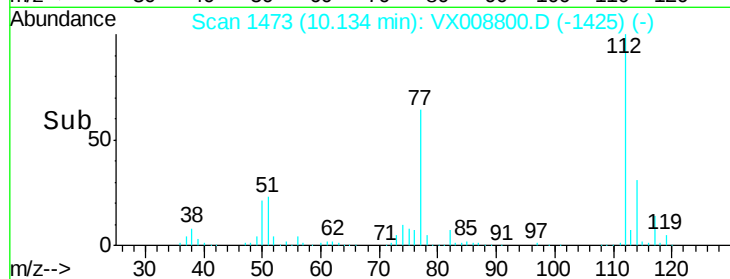
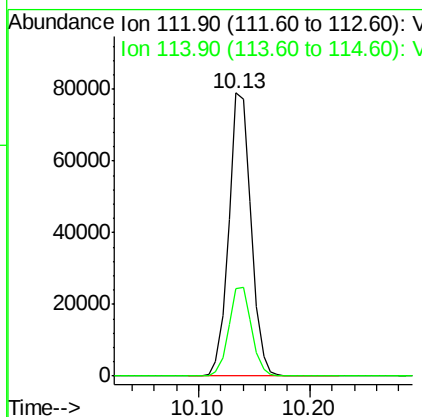
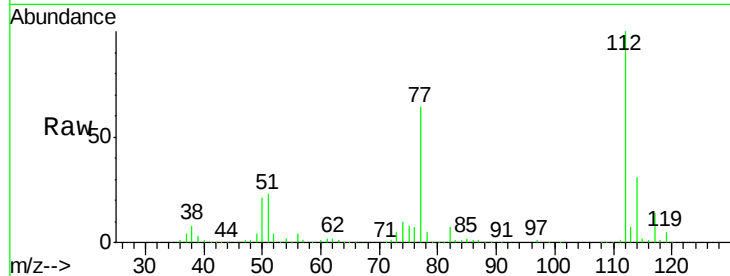
#65
Chlorobenzene
Concen: 16.828 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion:112 Resp: 109019
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8

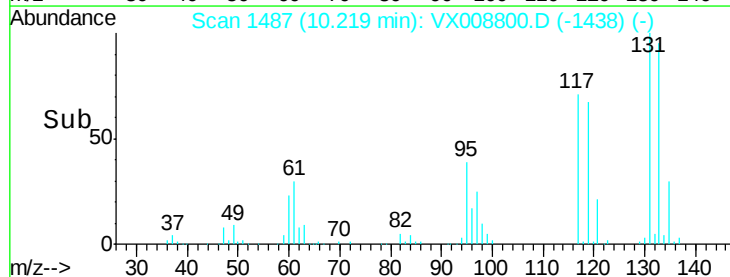
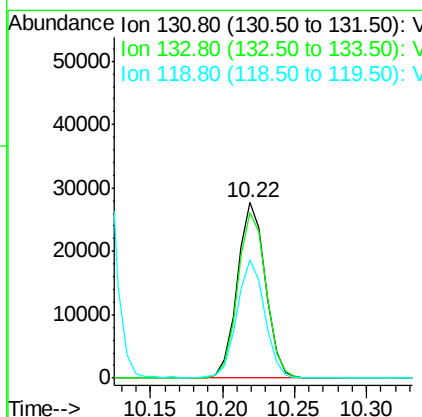
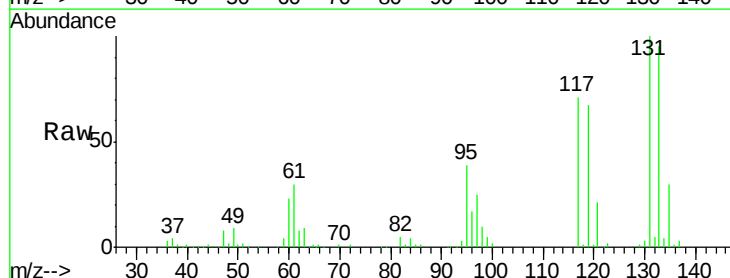
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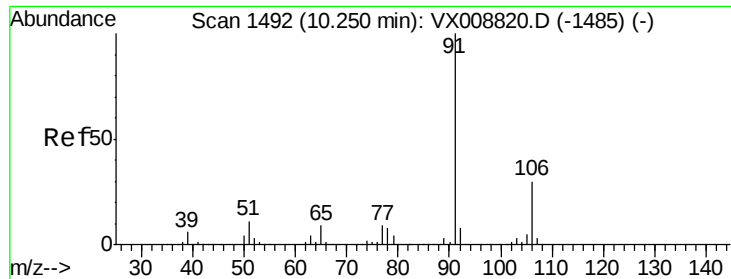
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#66
1,1,1,2-Tetrachloroethane
Concen: 16.522 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion:131 Resp: 37550
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.2
119 66.8 33.7 101.0





#67

Ethyl Benzene

Concen: 16.368 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 91 Resp: 197731

Ion Ratio Lower Upper

91 100

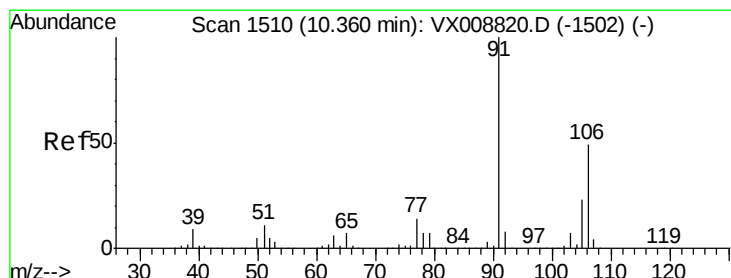
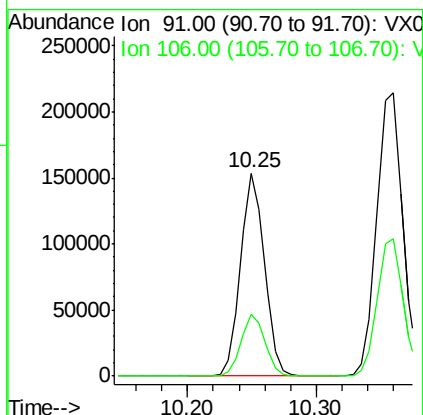
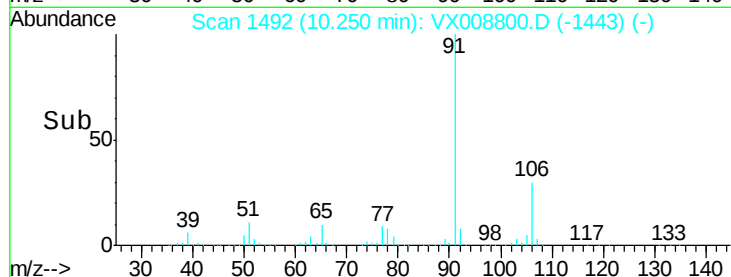
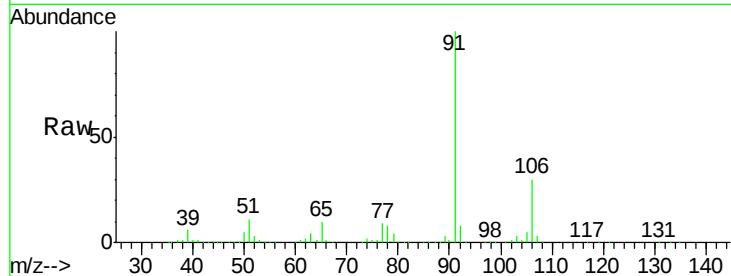
106 30.2 23.7 35.5

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#68

m/p-Xylenes

Concen: 33.167 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008800.D

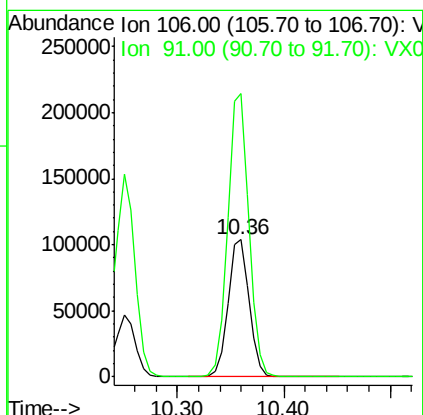
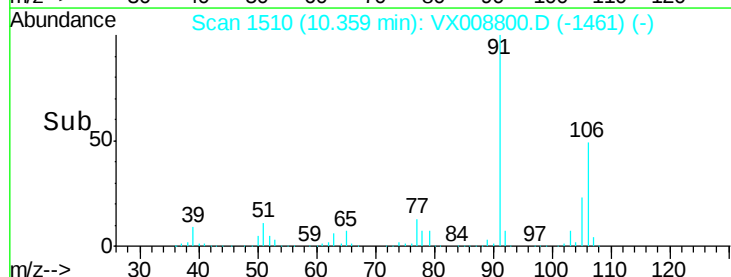
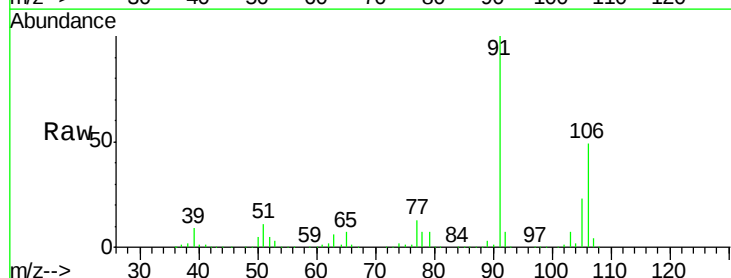
Acq: 10 Apr 2019 13:13

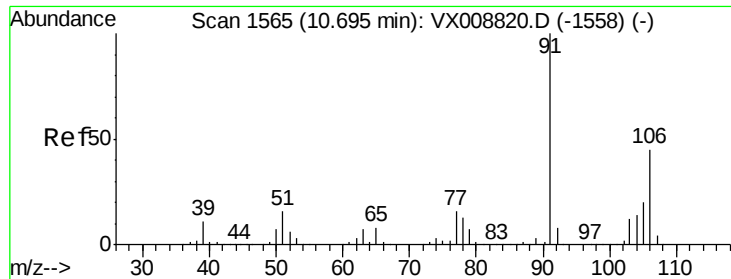
Tgt Ion:106 Resp: 144058

Ion Ratio Lower Upper

106 100

91 206.6 168.5 252.7





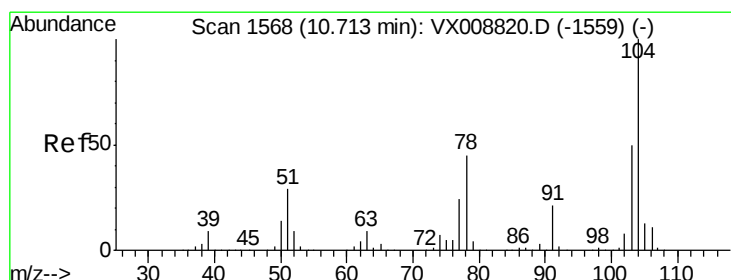
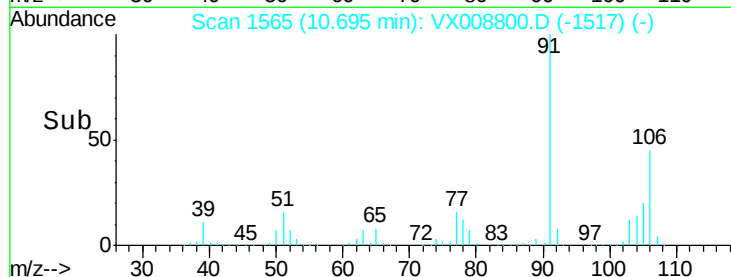
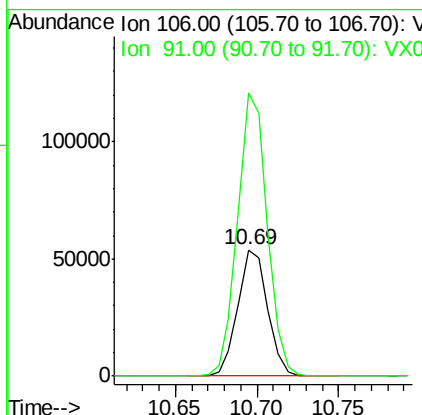
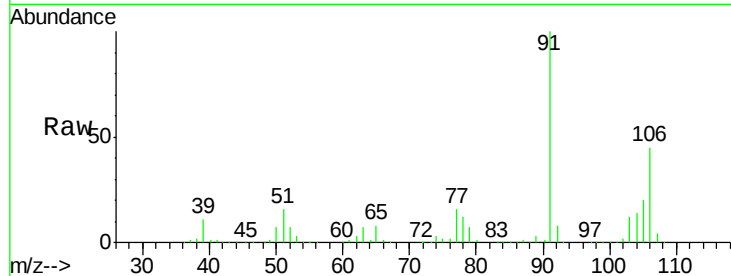
#69
o-Xylene
Concen: 16.399 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion:106 Resp: 69026
Ion Ratio Lower Upper
106 100
91 222.5 111.5 334.4

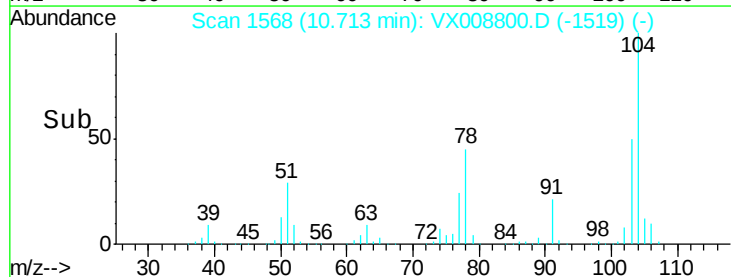
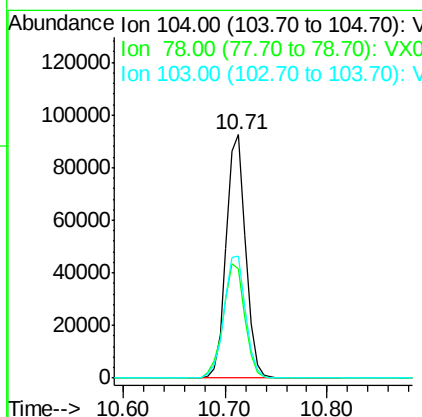
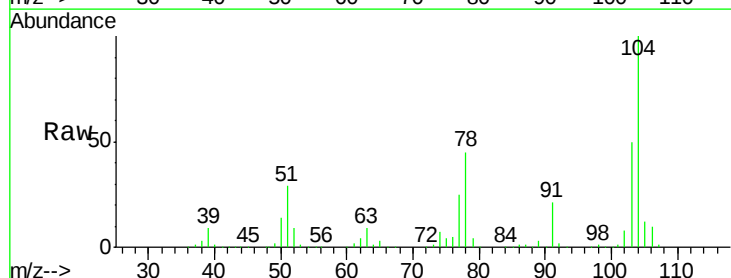
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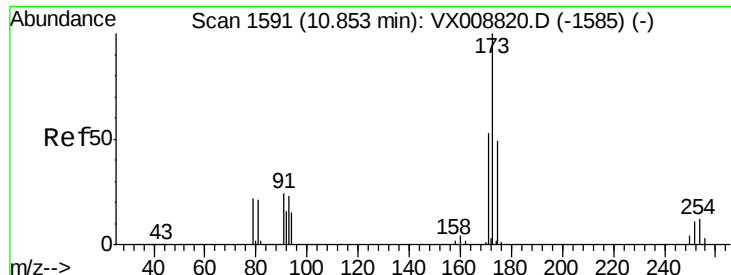
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#70
Styrene
Concen: 16.789 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion:104 Resp: 121816
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 55.8 44.4 66.6





#71

Bromoform

Concen: 16.794 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion:173 Resp: 29151

Ion Ratio Lower Upper

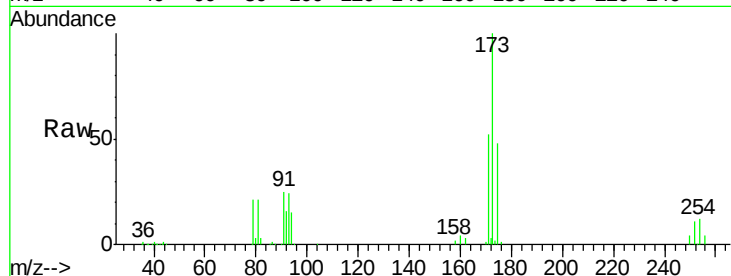
173 100

175 47.8 24.9 74.6

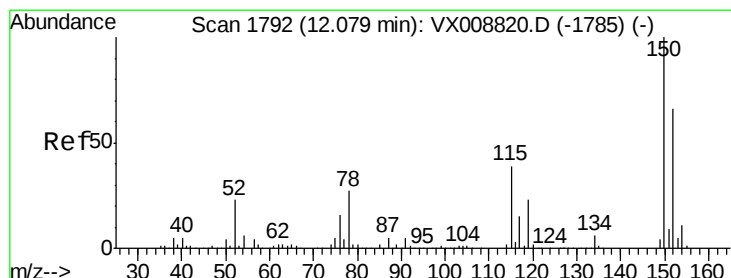
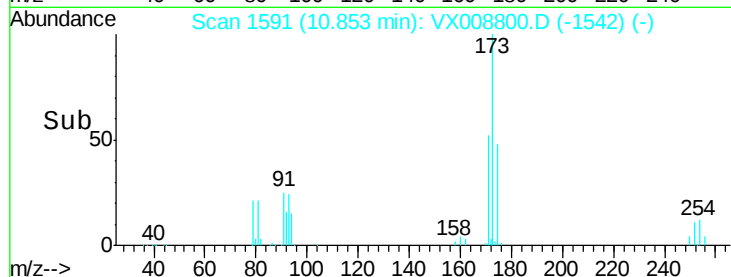
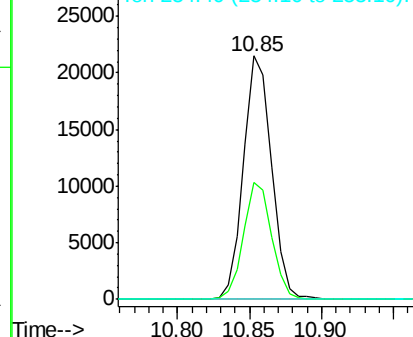
254 0.1 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

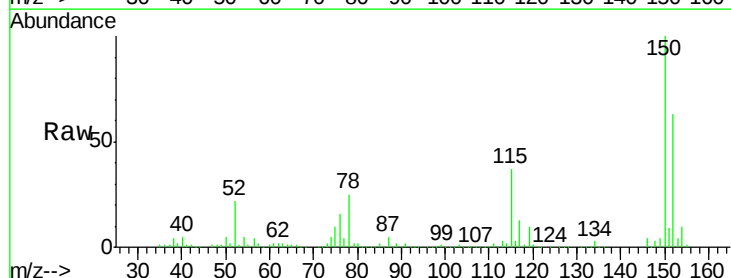
Tgt Ion:152 Resp: 134937

Ion Ratio Lower Upper

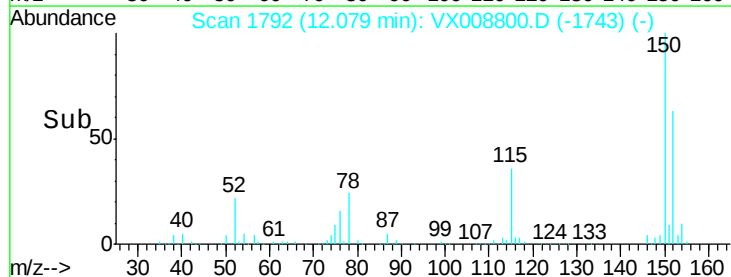
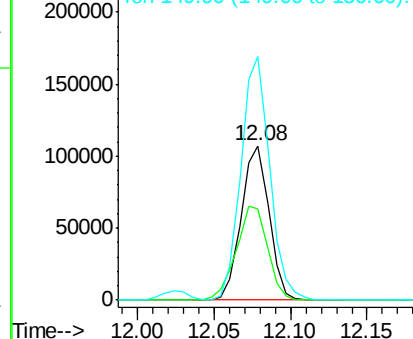
152 100

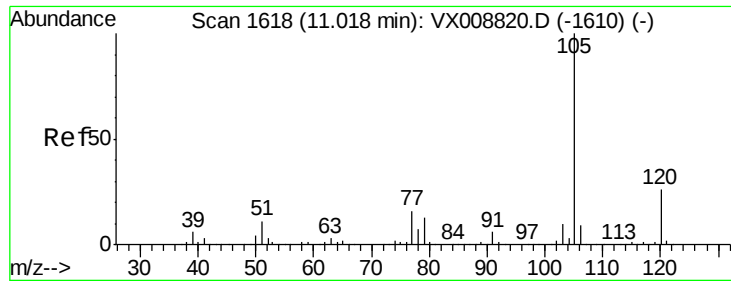
115 68.2 43.5 130.5

150 163.1 0.0 348.8



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





#73

Isopropylbenzene

Concen: 16.605 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 105 Resp: 185693

Ion Ratio Lower Upper

105 100

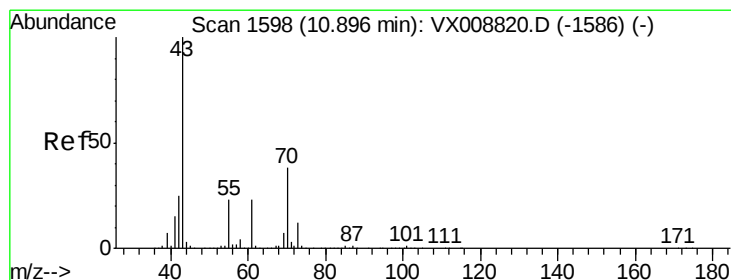
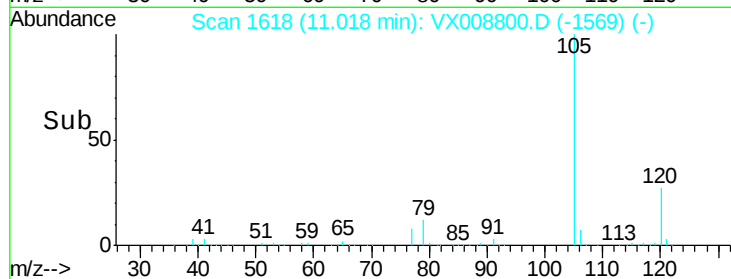
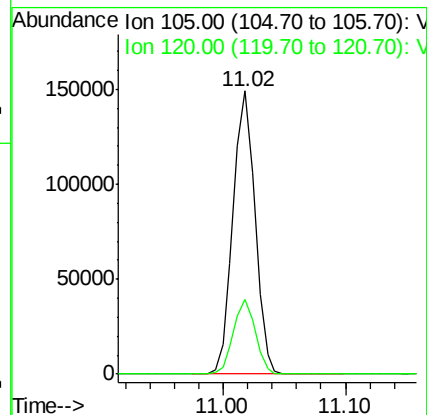
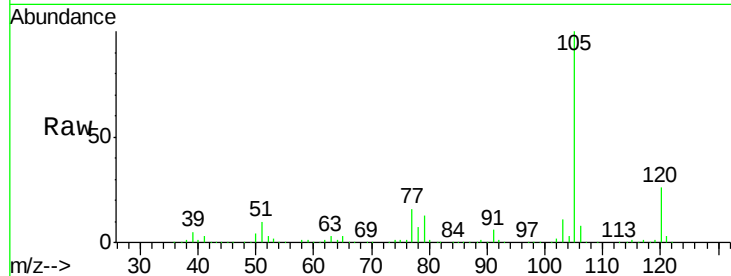
120 26.2 12.9 38.6

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#74

N-ethyl acetate

Concen: 16.505 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Tgt Ion: 43 Resp: 108590

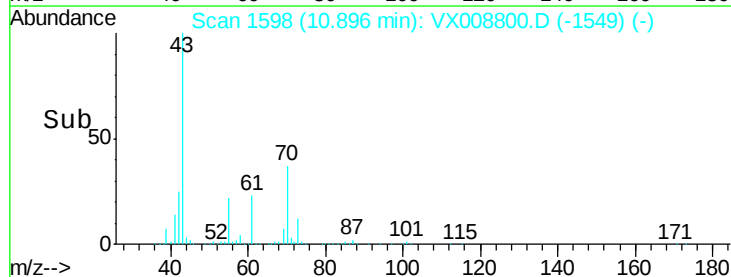
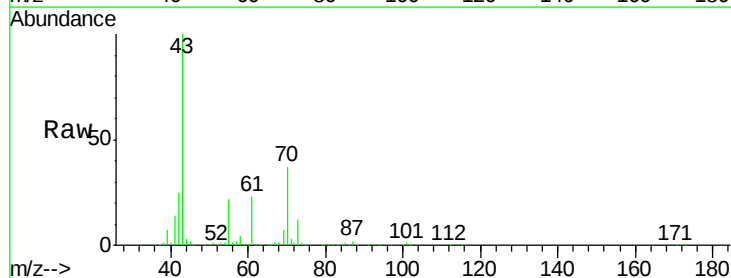
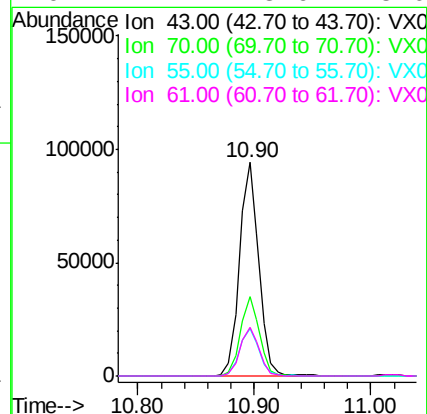
Ion Ratio Lower Upper

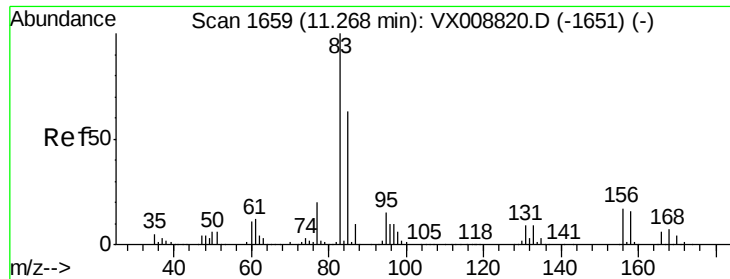
43 100

70 37.0 30.2 45.4

55 22.9 18.2 27.4

61 22.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.533 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 83 Resp: 70312

Ion Ratio Lower Upper

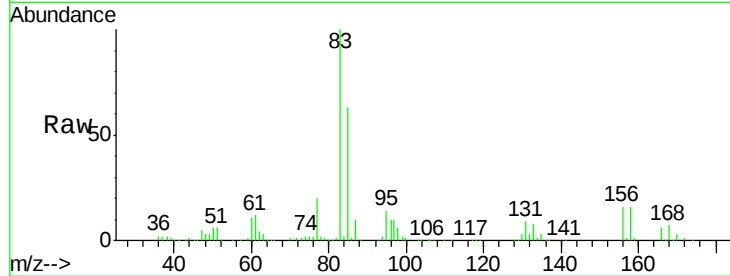
83 100

131 9.1 4.5 13.7

85 64.0 32.0 96.2

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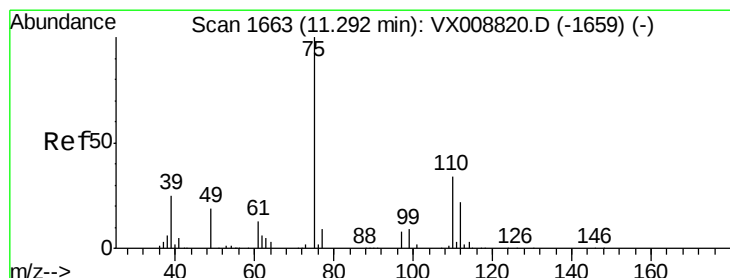
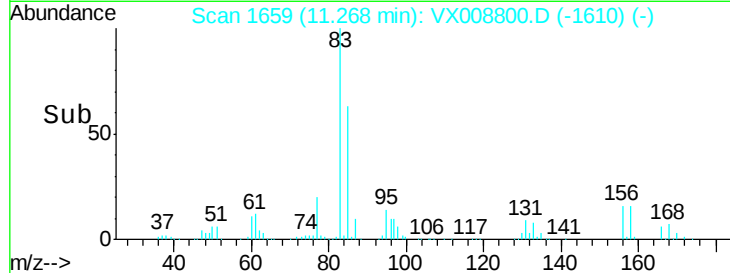
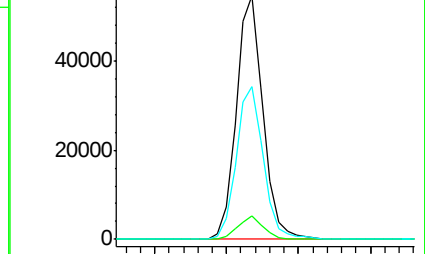
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 16.421 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008800.D

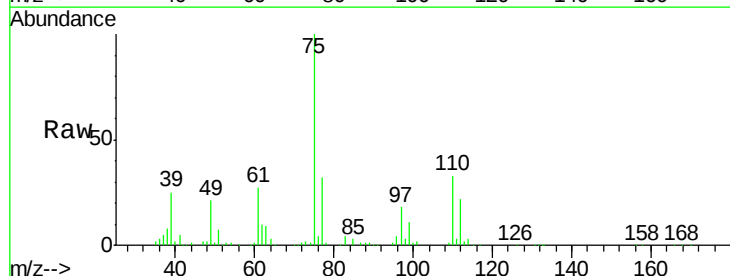
Acq: 10 Apr 2019 13:13

Tgt Ion: 75 Resp: 60869

Ion Ratio Lower Upper

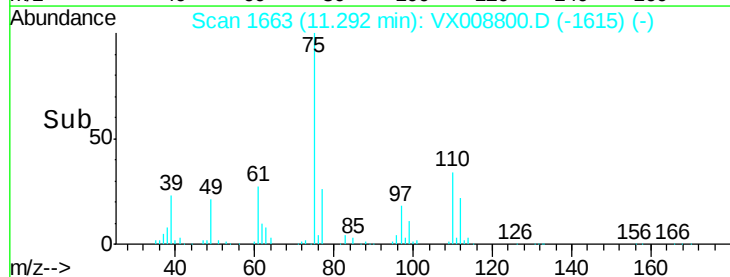
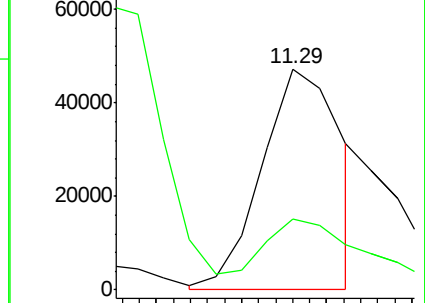
75 100

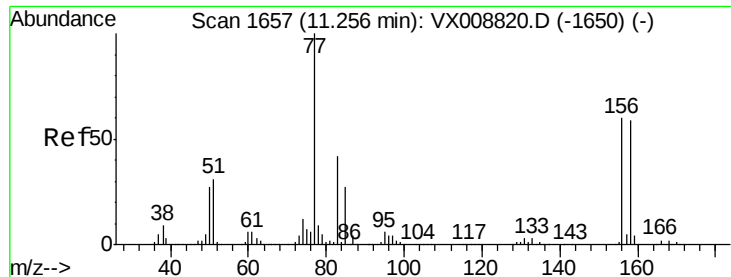
77 42.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.685 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

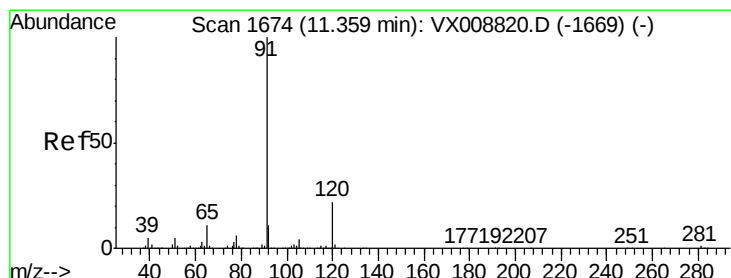
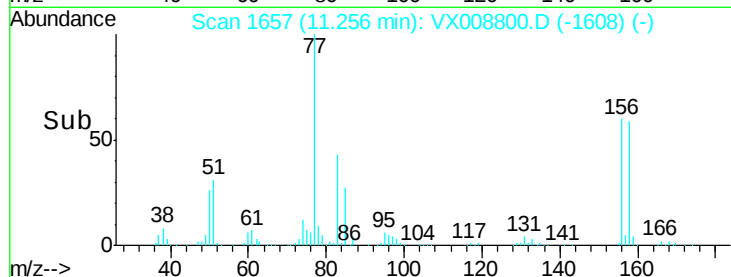
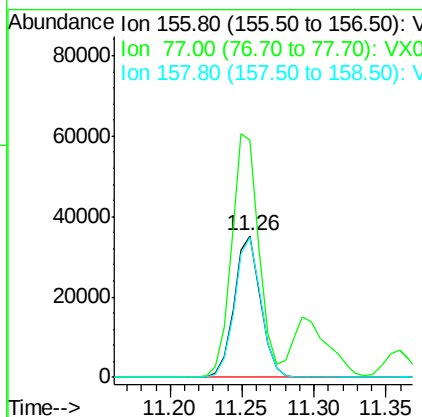
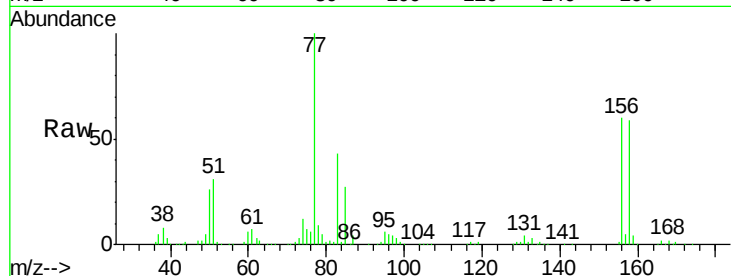
ClientSampleId :

VX0410WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		44854		
77	178.5		89.8	269.6	
158	99.0		48.6	145.9	

Manual Integrations
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#78

n-propylbenzene

Concen: 16.389 ug/l

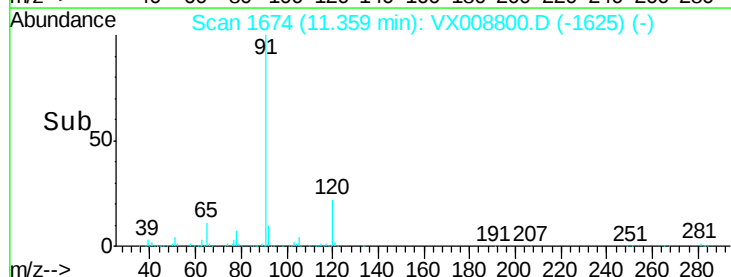
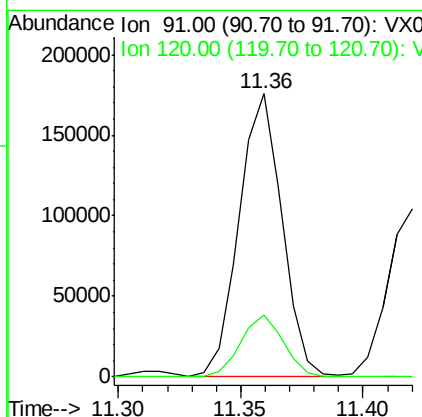
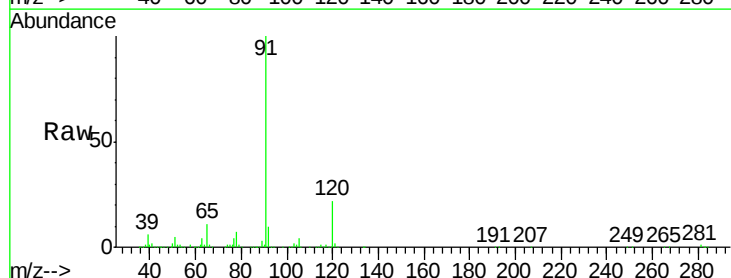
RT: 11.36 min Scan# 1674

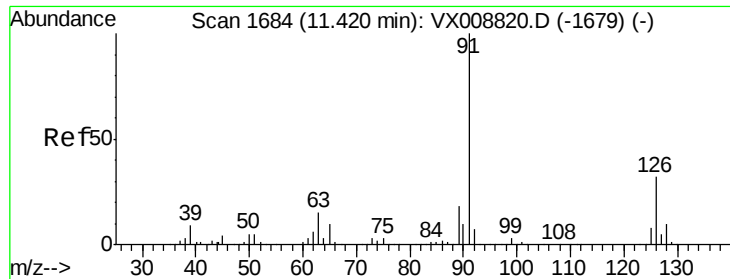
Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		213393		
120	21.9		10.9	32.7	





#79

2-Chlorotoluene

Concen: 16.496 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 91 Resp: 129979

Ion Ratio Lower Upper

91 100

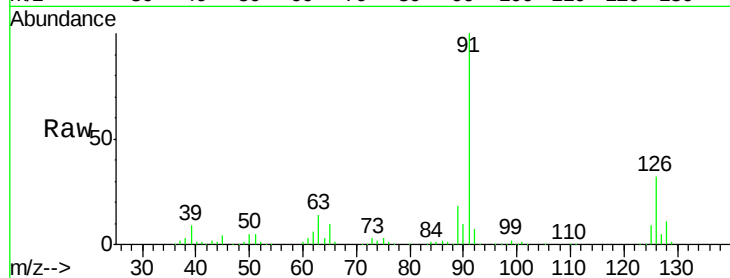
126 31.9 16.1 48.3

Manual Integrations

APPROVED

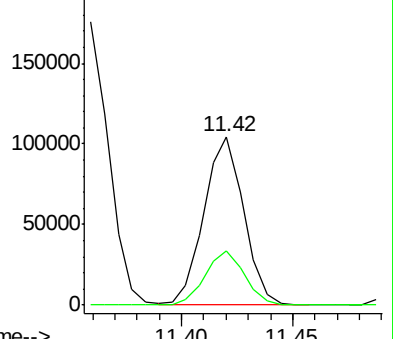
MMDadoda

4/11/2019 11:48:25 AM

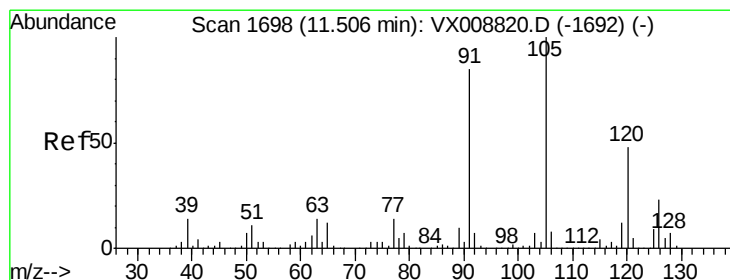
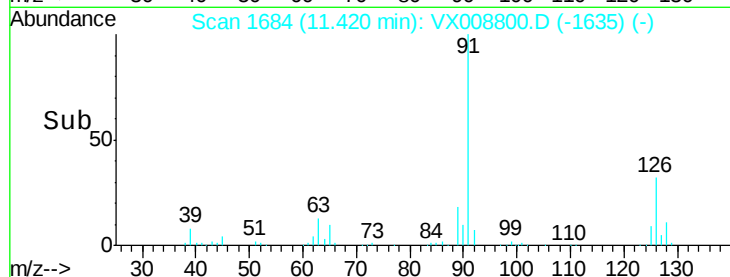


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 16.610 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008800.D

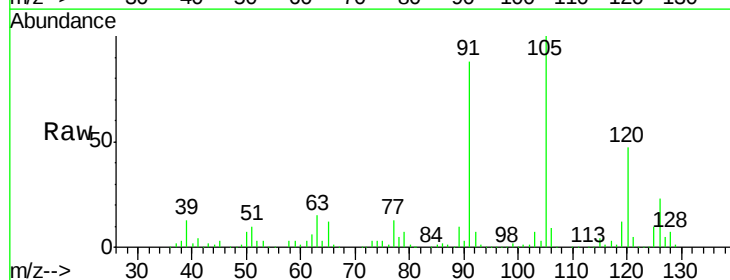
Acq: 10 Apr 2019 13:13

Tgt Ion:105 Resp: 155915

Ion Ratio Lower Upper

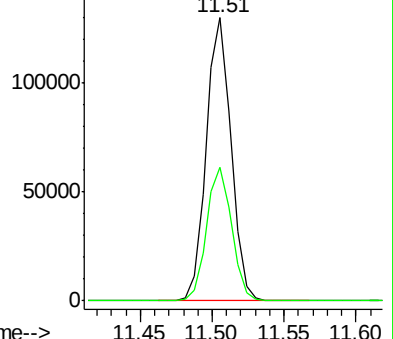
105 100

120 47.8 23.5 70.6

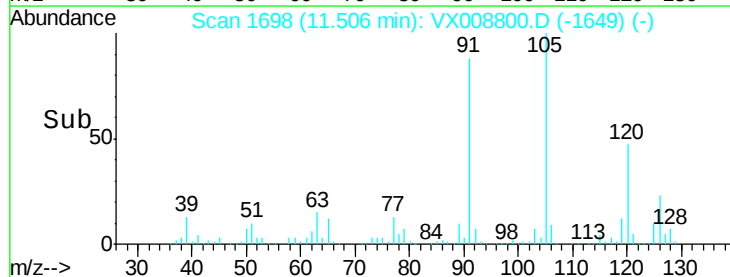


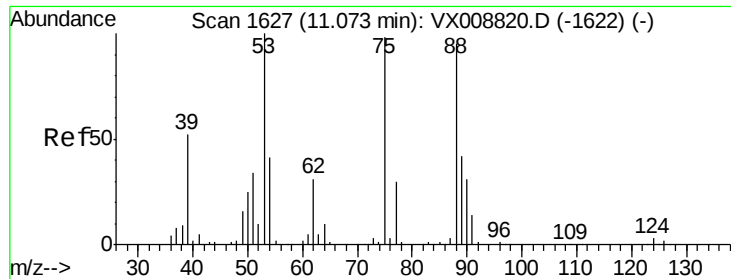
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





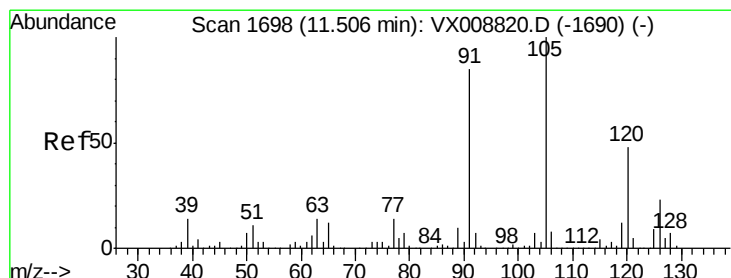
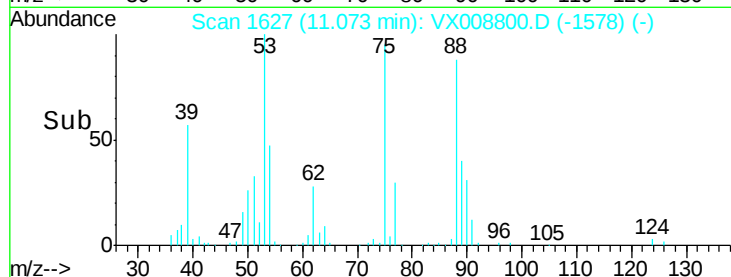
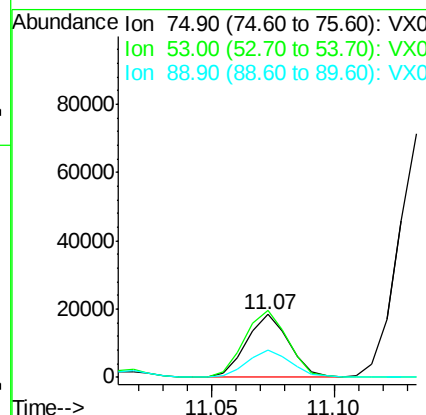
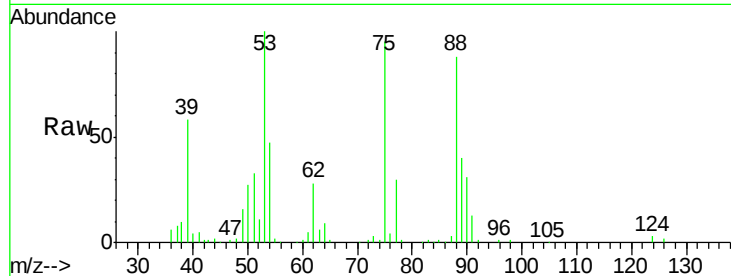
#81
trans-1,4-Dichloro-2-butene
Concen: 16.543 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.4	81.3	121.9
89	45.6	35.6	53.4

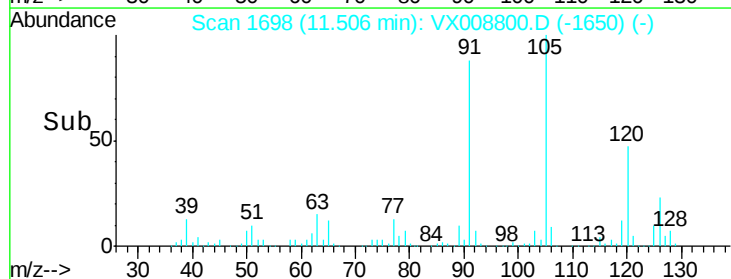
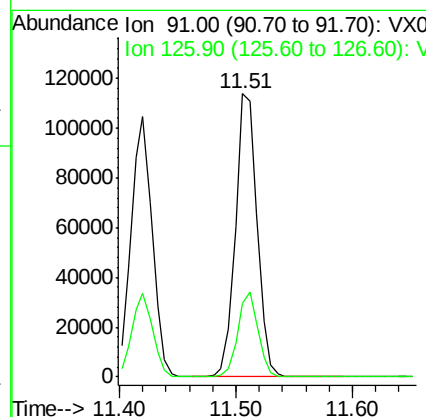
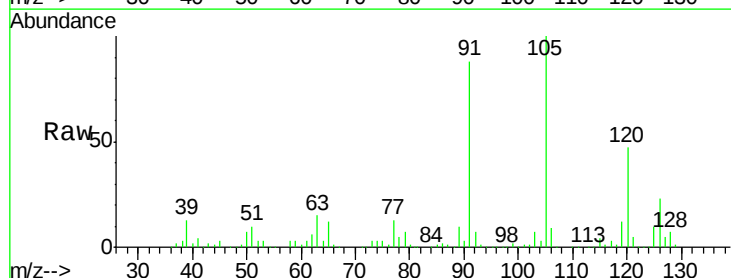
Manual Integrations
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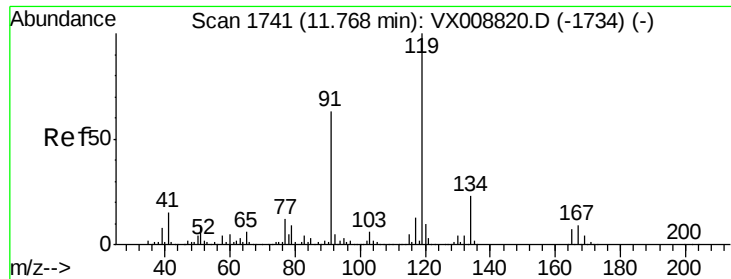
MMDadoda
4/11/2019 11:48:25 AM



#82
4-Chlorotoluene
Concen: 16.154 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.3	13.9	41.6





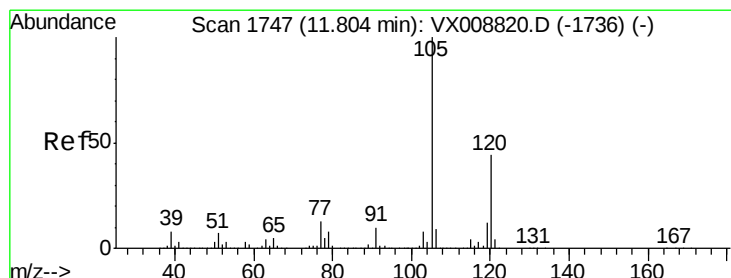
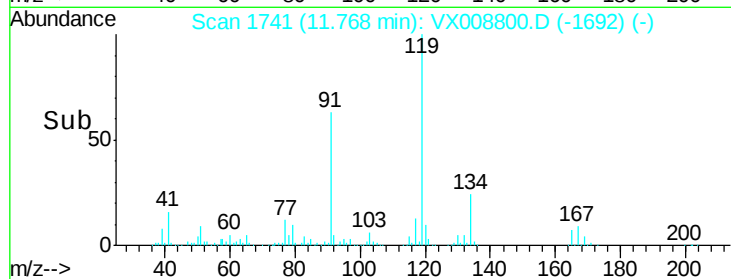
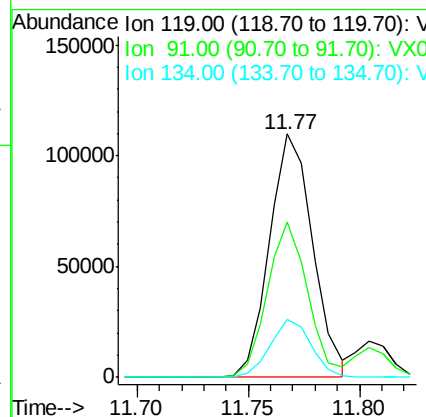
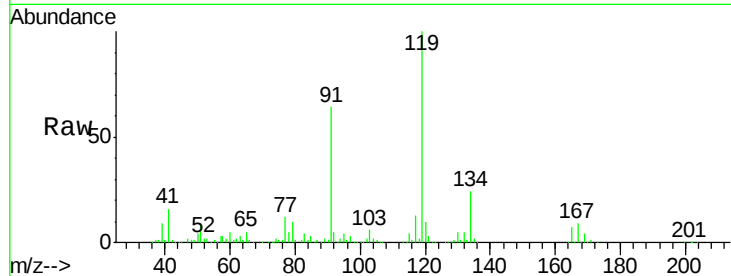
#83
 tert-Butylbenzene
 Concen: 16.381 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	147939		
91	59.7	30.0	90.1	
134	22.5	11.1	33.3	

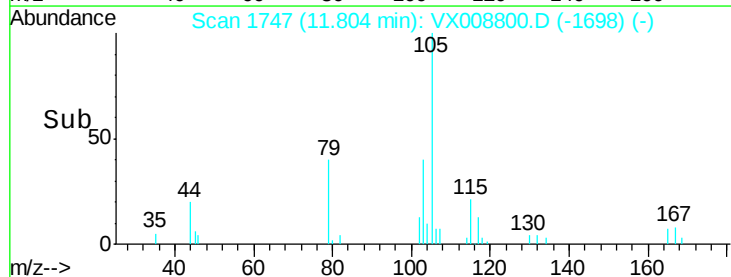
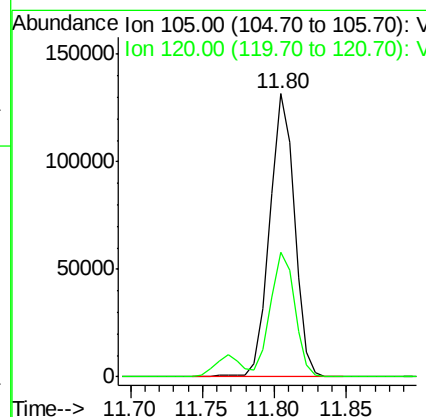
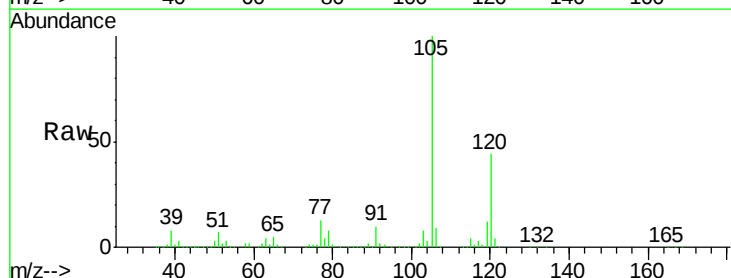
Manual Integrations
 APPROVED

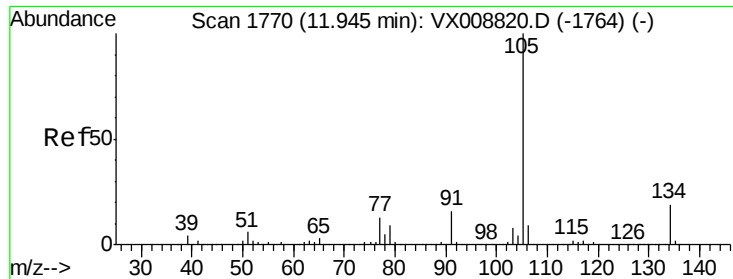
MMDadoda
 4/11/2019 11:48:25 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 16.450 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	156353		
120	43.4	21.8	65.3	





#85

sec-Butylbenzene

Concen: 16.292 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion:105 Resp: 174761

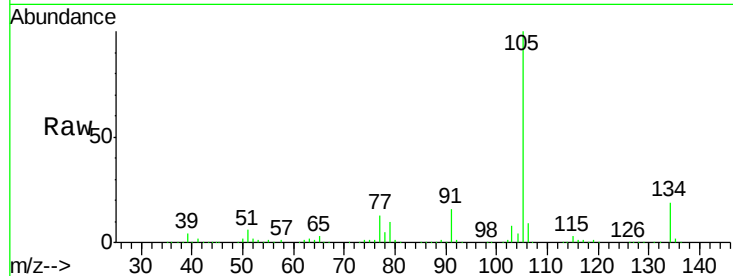
Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2

Manual Integrations
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MMDadoda
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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

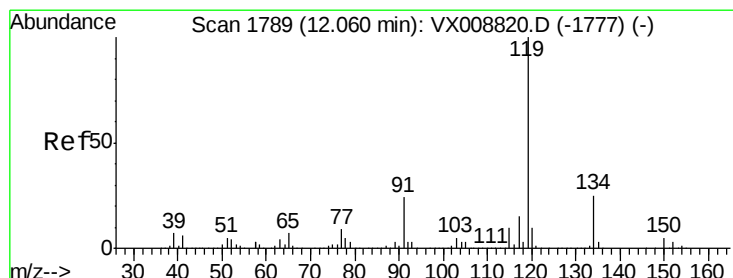
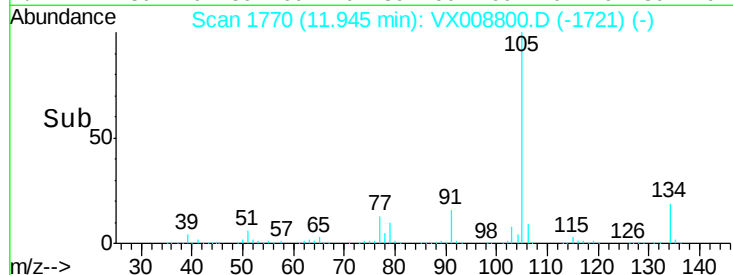
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 16.636 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

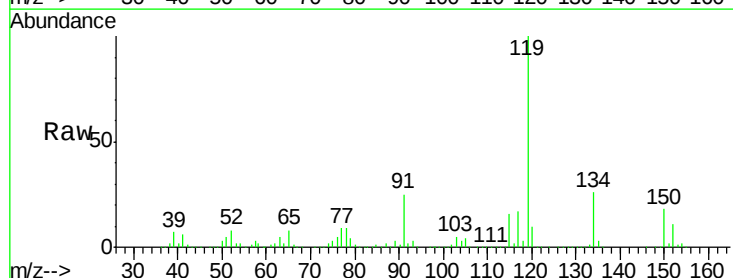
Tgt Ion:119 Resp: 160167

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 24.8 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

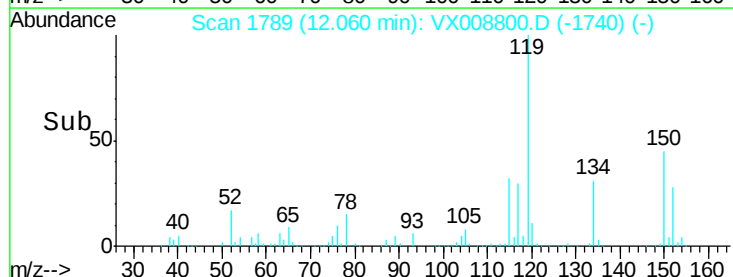
150000

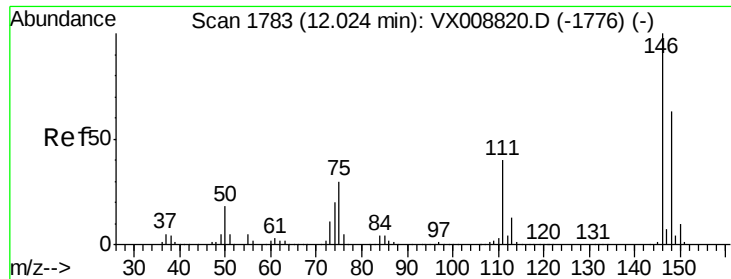
100000

50000

0

Time-->





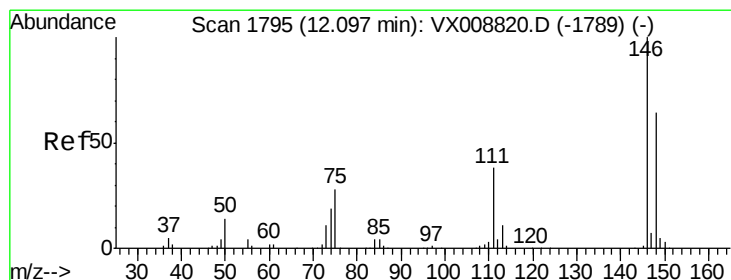
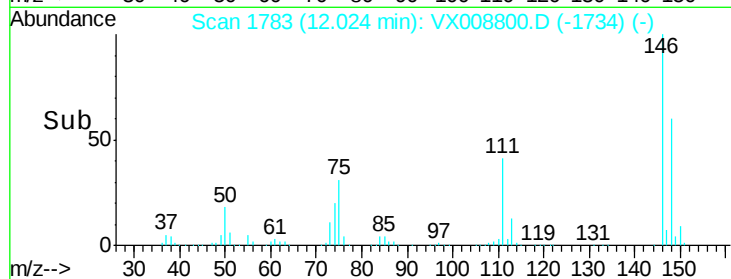
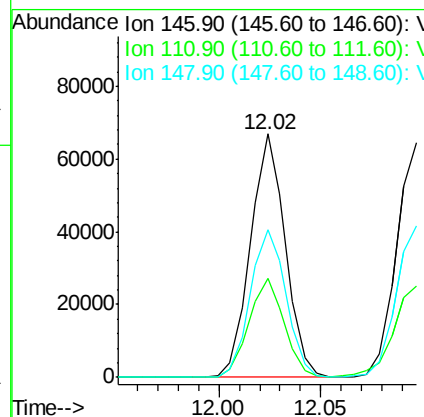
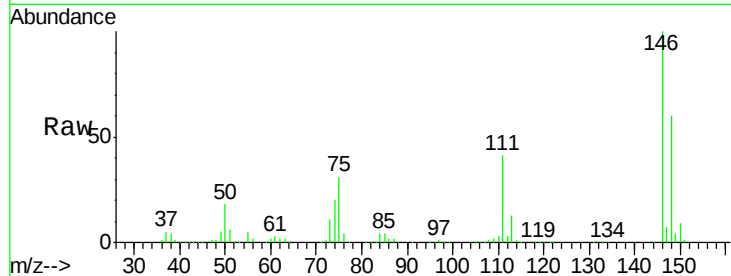
#87
 1,3-Dichlorobenzene
 Concen: 16.491 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	62.4	31.6	94.7

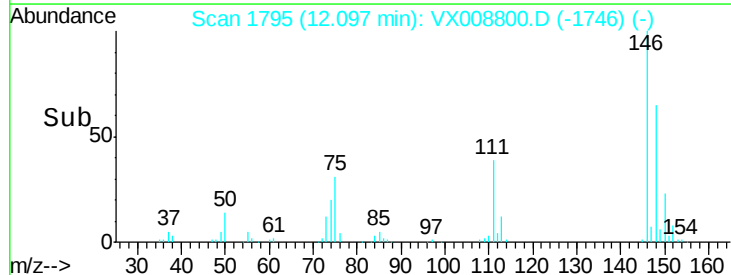
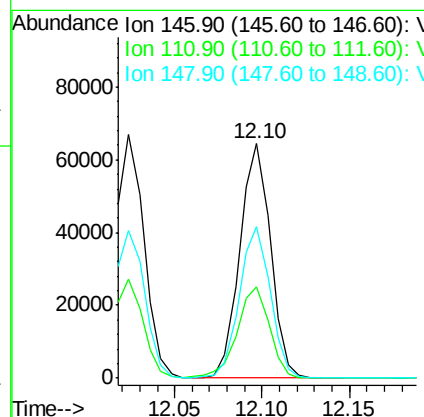
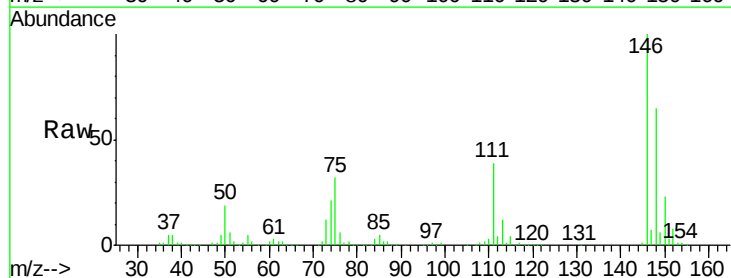
Manual Integrations
 APPROVED

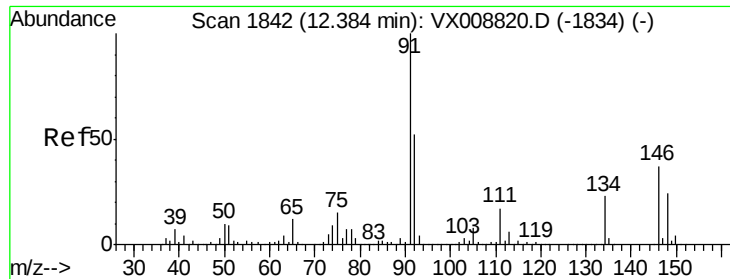
MMDadoda
 4/11/2019 11:48:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 16.185 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.6
148	65.2	32.0	96.0





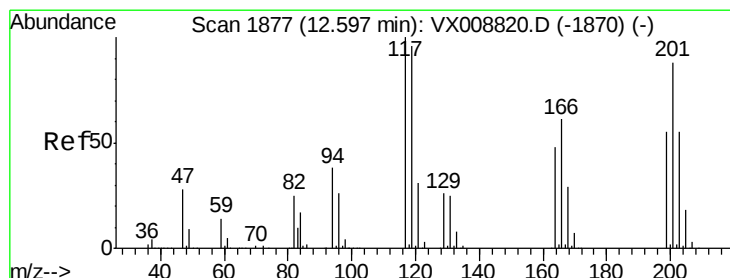
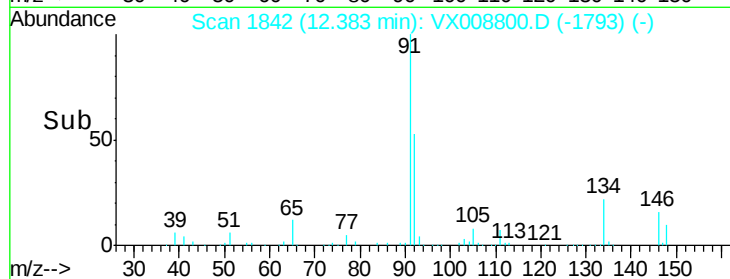
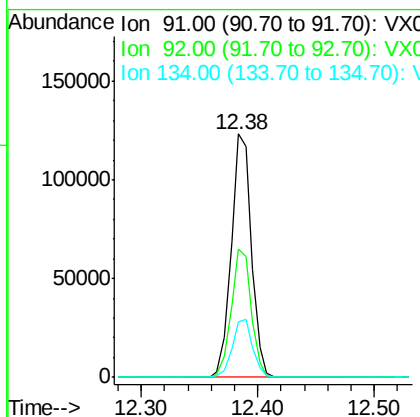
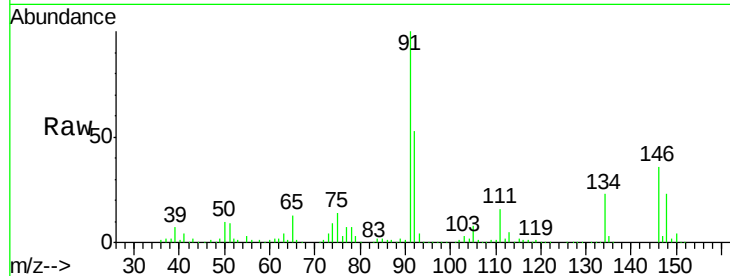
#89
n-Butylbenzene
Concen: 16.448 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.2
134	24.0	12.0	36.0

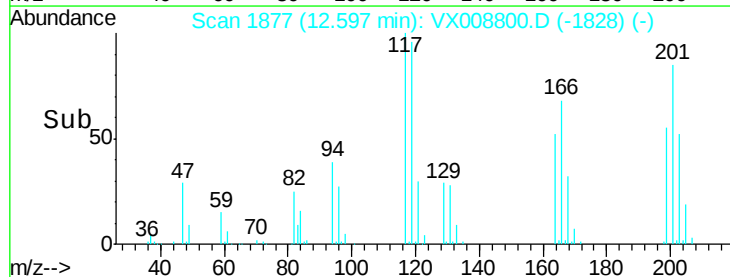
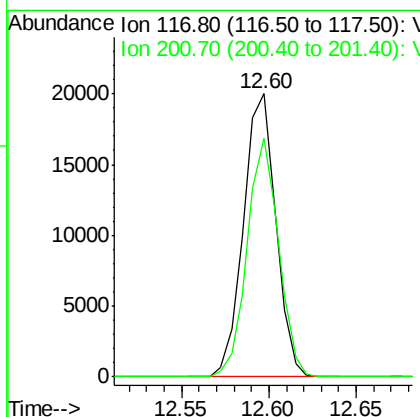
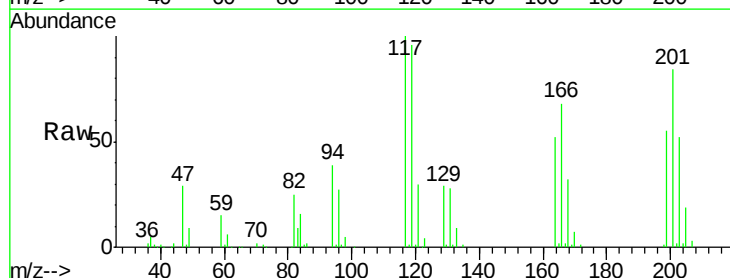
Manual Integrations
APPROVED

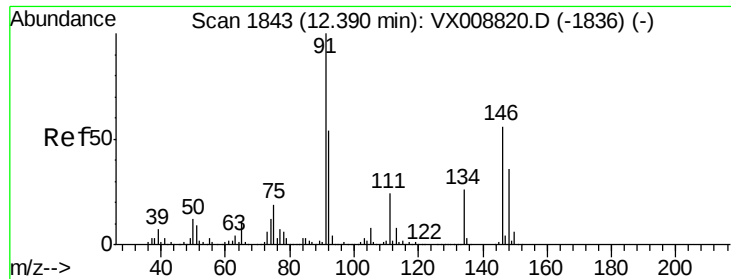
MMDadoda
4/11/2019 11:48:25 AM



#90
Hexachloroethane
Concen: 16.143 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	40.6	122.0





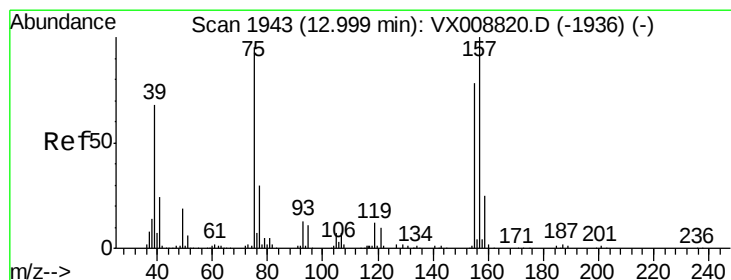
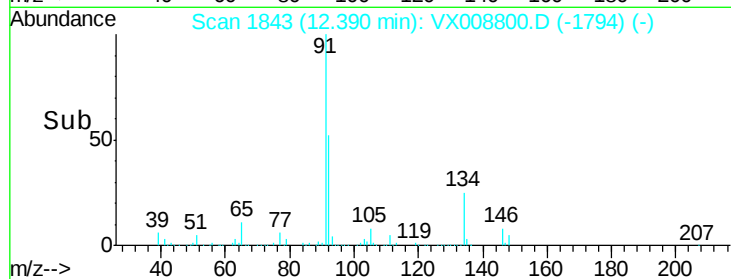
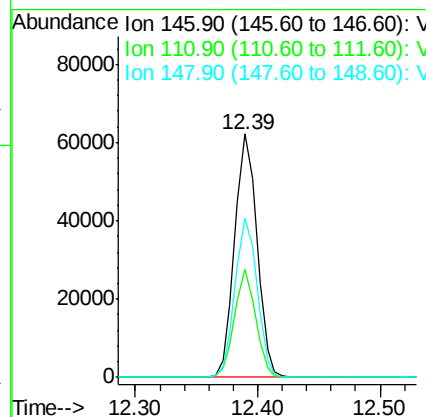
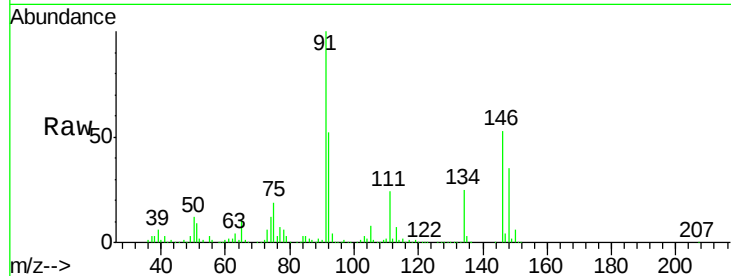
#91
 1,2-Dichlorobenzene
 Concen: 16.413 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	64.8	31.7	95.1

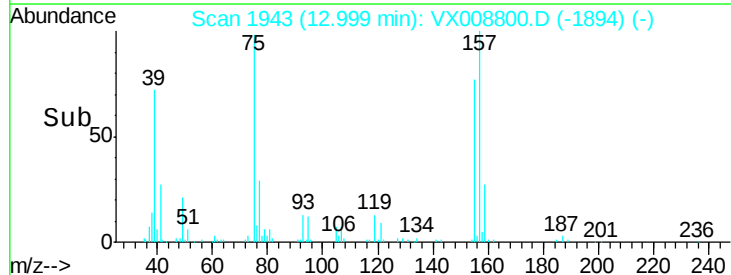
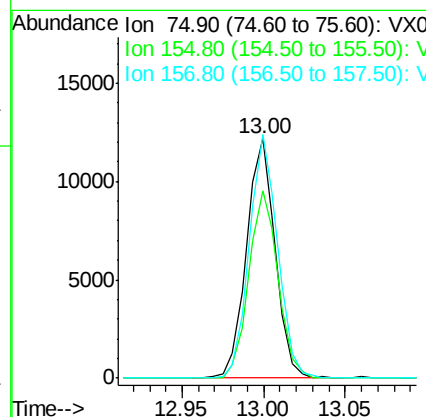
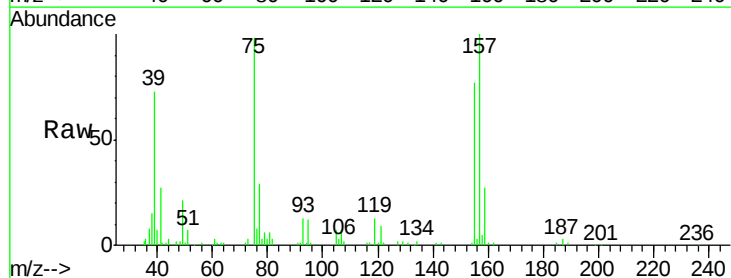
Manual Integrations
 APPROVED

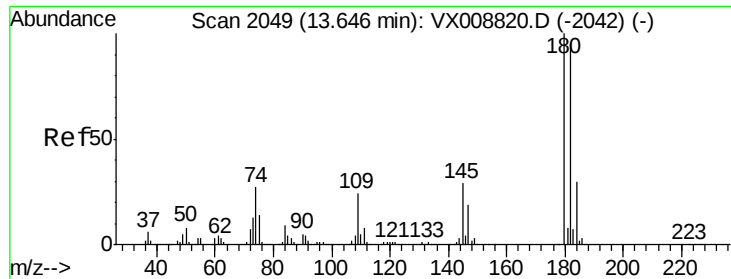
MMDadoda
 4/11/2019 11:48:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.881 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	39.9	119.6
157	100.9	51.5	154.7





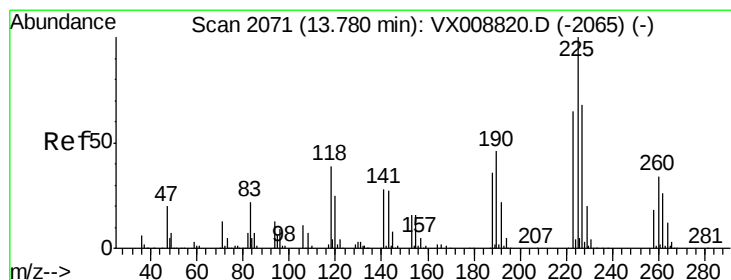
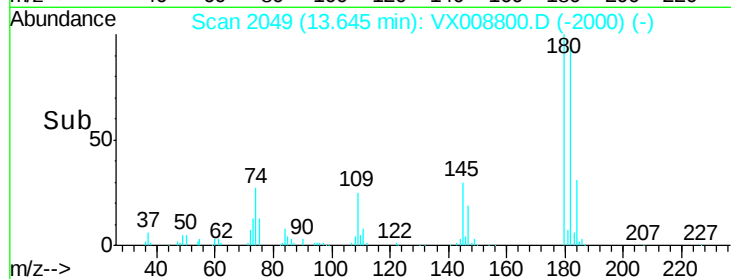
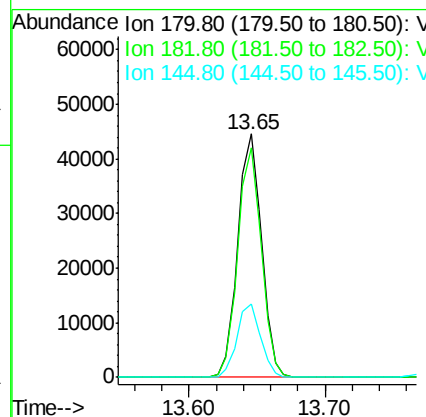
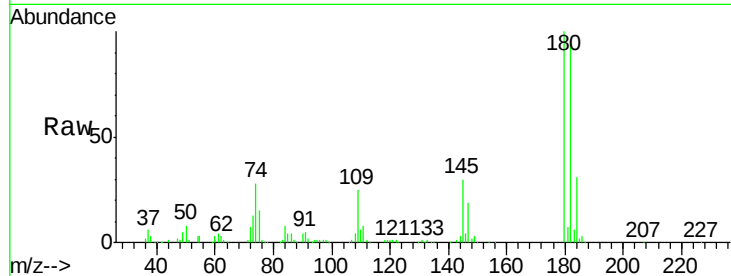
#93
 1,2,4-Trichlorobenzene
 Concen: 16.366 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.2	141.6
145	30.0	15.3	45.9

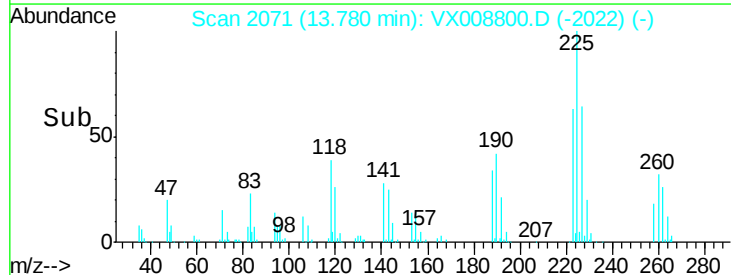
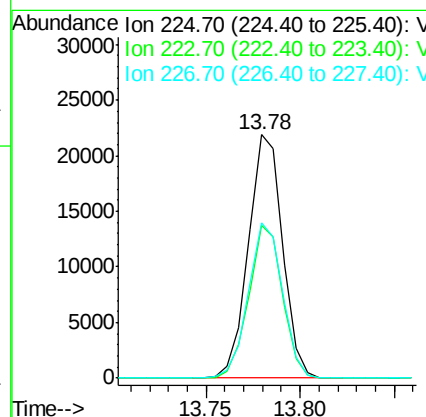
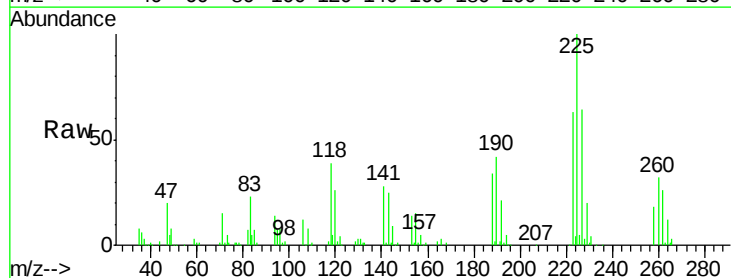
Manual Integrations
 APPROVED

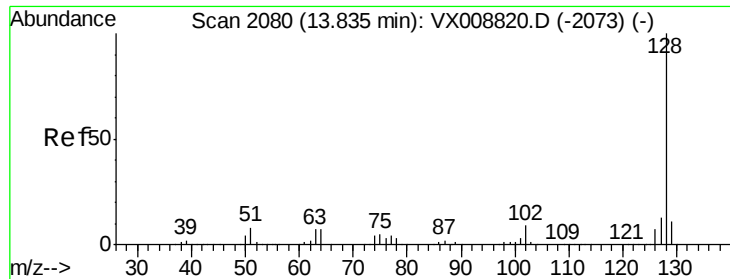
MMDadoda
 4/11/2019 11:48:25 AM



#94
 Hexachlorobutadiene
 Concen: 17.279 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.2	93.6
227	63.7	31.9	95.5





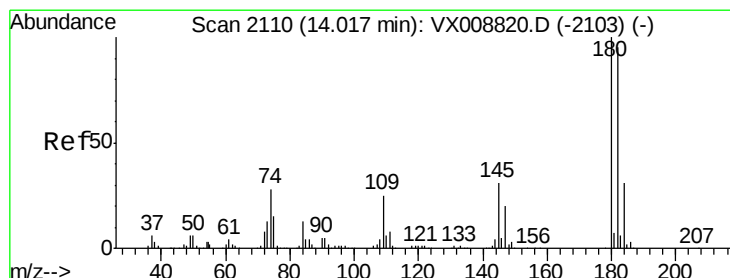
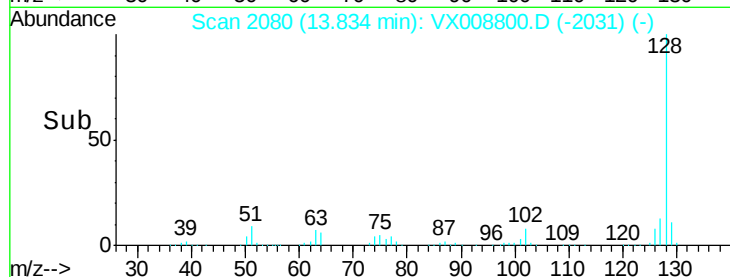
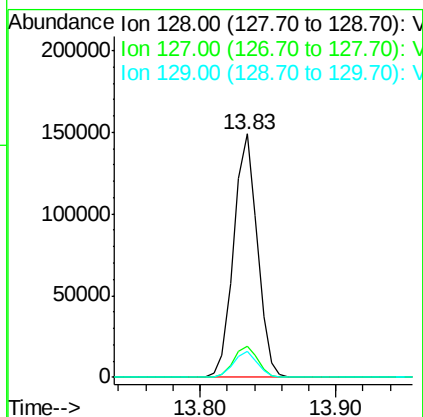
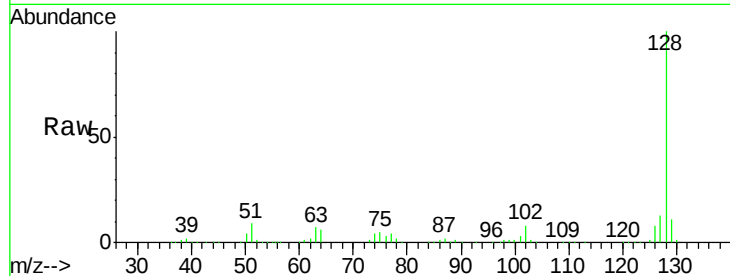
#95
Naphthalene
Concen: 16.202 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 16.073 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.1	144.3
145	32.1	16.3	48.8

