

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010167.D
 Acq On : 10 Jun 2019 11:05
 Operator : JC/SP
 Sample : VX0610WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:54:18 AM

Quant Time: Jun 11 06:58:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	279076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	405486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	361192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	191329	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119022	43.69	ug/l	0.00
Spiked Amount			Recovery	=	87.38%	
35) Dibromofluoromethane	5.49	113	118699	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
50) Toluene-d8	8.71	98	452375	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	11.13	95	166266	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	45672	17.786	ug/l	98
3) Chloromethane	1.32	50	42397	16.625	ug/l	100
4) Vinyl Chloride	1.41	62	43497	18.148	ug/l	99
5) Bromomethane	1.64	94	19576	21.644	ug/l	95
6) Chloroethane	1.72	64	24700	20.440	ug/l	97
7) Trichlorofluoromethane	1.93	101	66903	18.791	ug/l	99
8) Diethyl Ether	2.18	74	22762	18.549	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40995	16.704	ug/l	91
10) Methyl Iodide	2.51	142	61076	16.062	ug/l	97
11) Tert butyl alcohol	3.04	59	52363	78.467	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40211	16.041	ug/l #	75
13) Acrolein	2.29	56	16338	134.269	ug/l	94
14) Allyl chloride	2.73	41	58312	15.411	ug/l #	88
15) Acrylonitrile	3.14	53	106165	77.833	ug/l	98
16) Acetone	2.44	43	100799	78.672	ug/l #	87
17) Carbon Disulfide	2.57	76	110716	15.286	ug/l	100
18) Methyl Acetate	2.77	43	42545	15.099	ug/l #	81
19) Methyl tert-butyl Ether	3.19	73	124578	15.469	ug/l	94
20) Methylene Chloride	2.85	84	43988	15.633	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	42036	15.153	ug/l #	81
22) Diisopropyl ether	3.85	45	116041	16.040	ug/l #	84
23) Vinyl Acetate	3.81	43	515340	79.850	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	67928	15.465	ug/l	94
25) 2-Butanone	4.67	43	149184	78.193	ug/l #	81
26) 2,2-Dichloropropane	4.58	77	62054	15.486	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	49805	16.139	ug/l	76
28) Bromochloromethane	5.01	49	34097	17.321	ug/l #	47
29) Tetrahydrofuran	5.13	42	92344	77.015	ug/l #	74
30) Chloroform	5.21	83	71480	15.670	ug/l	98
31) Cyclohexane	5.57	56	65897	16.623	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	65911	15.369	ug/l	94
36) 1,1-Dichloropropene	5.79	75	54063	16.342	ug/l	91
37) Ethyl Acetate	4.83	43	54656	15.879	ug/l #	90
38) Carbon Tetrachloride	5.78	117	60195	16.076	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75584	16.779	ug/l #	84
40) Benzene	6.14	78	171255	16.741	ug/l	98
41) Methacrylonitrile	5.03	41	28935	15.540	ug/l #	82
42) 1,2-Dichloroethane	6.19	62	51733	15.841	ug/l	92
43) Isopropyl Acetate	6.44	43	91758	15.944	ug/l #	88
44) Trichloroethene	7.21	130	51737	16.779	ug/l	83
45) 1,2-Dichloropropane	7.51	63	42312	16.526	ug/l	94
46) Dibromomethane	7.66	93	30685	15.997	ug/l	91
47) Bromodichloromethane	7.90	83	57597	16.069	ug/l	97
48) Methyl methacrylate	7.77	41	42573	15.818	ug/l #	75
49) 1,4-Dioxane	7.73	88	26168	341.009	ug/l #	78
51) 4-Methyl-2-Pentanone	8.63	43	282354	82.126	ug/l	89
52) Toluene	8.78	92	110475	16.429	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	65480	15.794	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71301	16.042	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	46716	16.964	ug/l	94
56) Ethyl methacrylate	9.17	69	69793	16.044	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	70355	16.227	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	197517	96.313	ug/l #	85
59) 2-Hexanone	9.49	43	229474	83.713	ug/l	87
60) Dibromochloromethane	9.58	129	53019	16.277	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50119	16.341	ug/l	100
64) Tetrachloroethene	9.34	164	46047	17.165	ug/l	94
65) Chlorobenzene	10.13	112	125694	16.861	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	48127	16.788	ug/l	99
67) Ethyl Benzene	10.25	91	215169	16.955	ug/l	92
68) m/p-Xylenes	10.35	106	169957	34.608	ug/l	89
69) o-Xylene	10.69	106	82338	16.867	ug/l	90
70) Styrene	10.71	104	140804	17.030	ug/l	94
71) Bromoform	10.85	173	43874	16.647	ug/l #	98
73) Isopropylbenzene	11.02	105	219616	16.443	ug/l	95
74) N-amyl acetate	10.90	43	84134	15.936	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.26	83	72007	15.750	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	60467m	15.800	ug/l	
77) Bromobenzene	11.25	156	59044	16.076	ug/l	81
78) n-propylbenzene	11.35	91	243867	16.401	ug/l	94
79) 2-Chlorotoluene	11.42	91	142755	15.985	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	183817	16.340	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	26132	15.087	ug/l	85
82) 4-Chlorotoluene	11.51	91	165315	16.296	ug/l	91
83) tert-Butylbenzene	11.77	119	187214	16.443	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	184303	16.220	ug/l	94
85) sec-Butylbenzene	11.94	105	218763	16.492	ug/l	96
86) p-Isopropyltoluene	12.06	119	202129	16.668	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	106003	16.385	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	106307	16.301	ug/l	99
89) n-Butylbenzene	12.38	91	173415	16.613	ug/l	97
90) Hexachloroethane	12.59	117	37941	15.706	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	105395	16.757	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16749	15.568	ug/l	68

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MSVOA_X
ClientSampleId :
VX0610WBS01

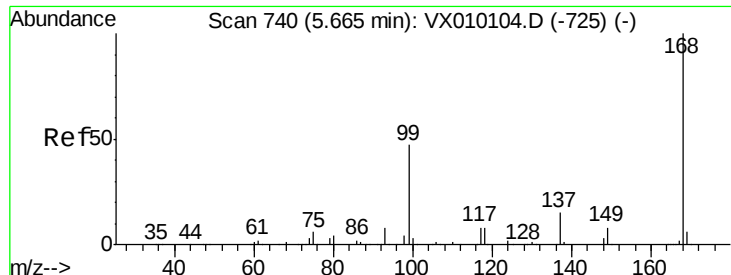
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	77004	16.726	ug/l	99
94) Hexachlorobutadiene	13.78	225	35634	17.404	ug/l	98
95) Naphthalene	13.83	128	233646	16.122	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	76814	16.875	ug/l	98

(#) = 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. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0610WBS01

Tot Ion:168 Resp: 279076

Ion Ratio Lower Upper

168 100

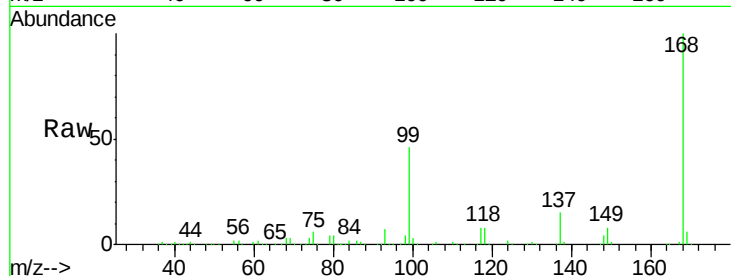
99 46.0 43.0 64.6

Manual Integrations

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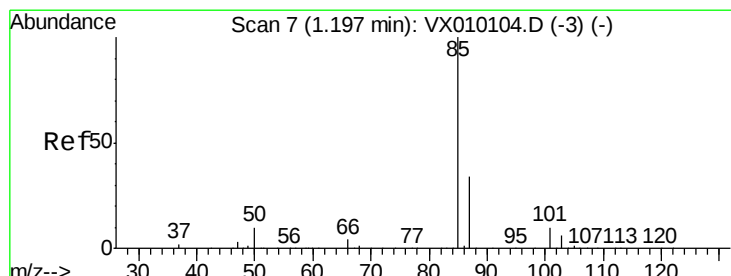
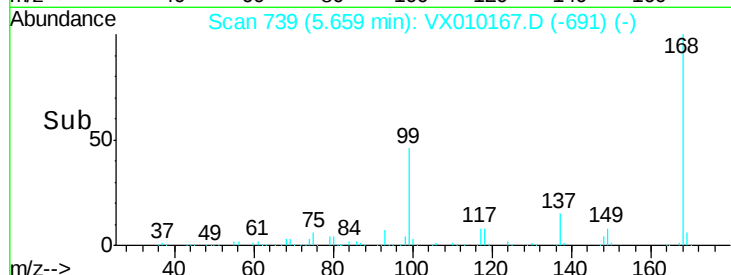
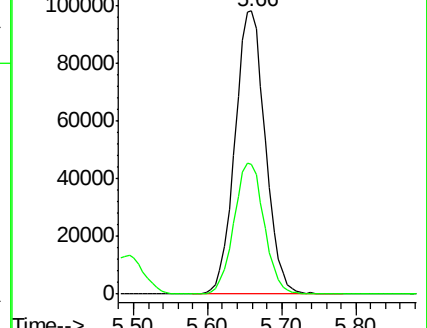
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.786 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010167.D

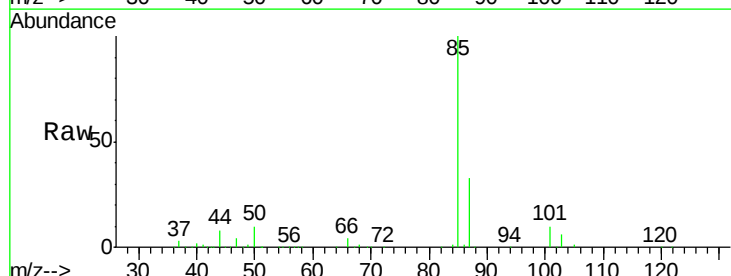
Acq: 10 Jun 2019 11:05

Tgt Ion: 85 Resp: 45672

Ion Ratio Lower Upper

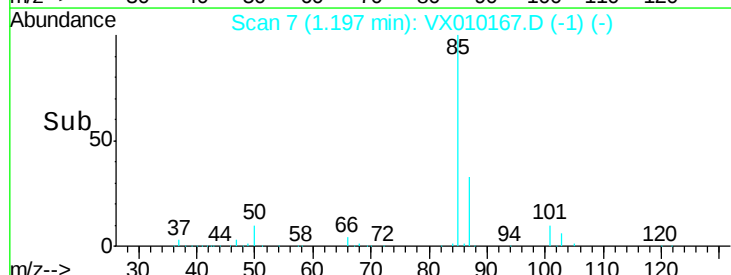
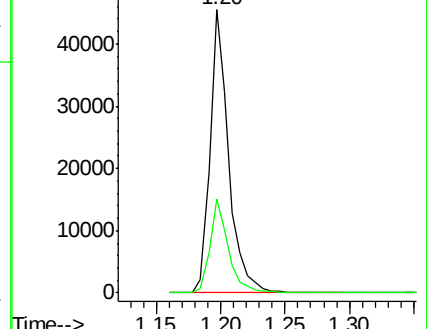
85 100

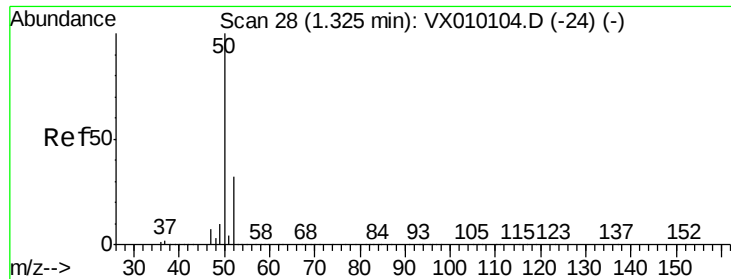
87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.625 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 50 Resp: 42397

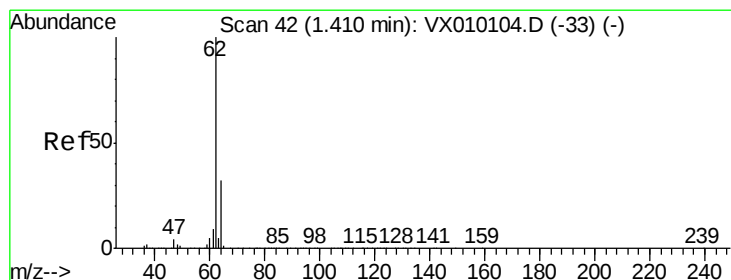
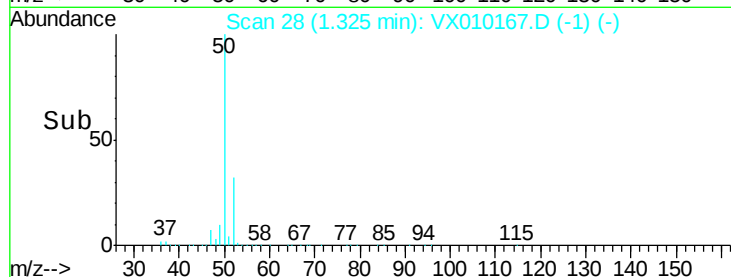
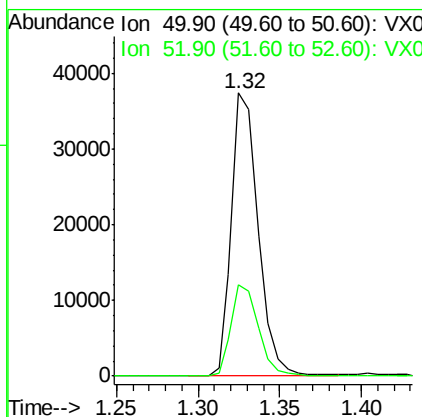
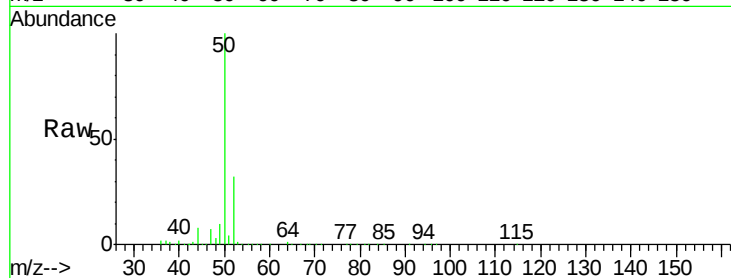
Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.148 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010167.D

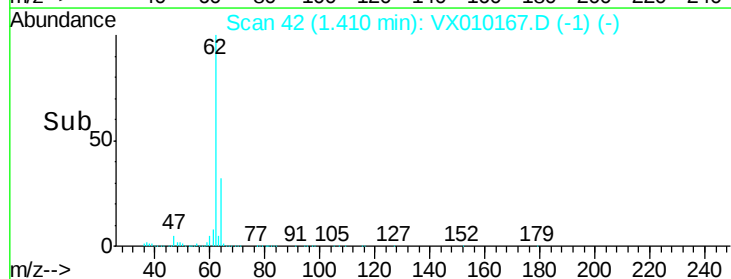
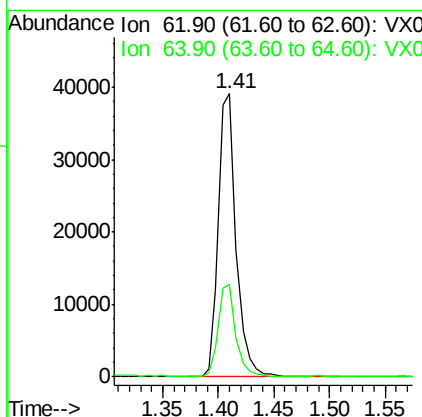
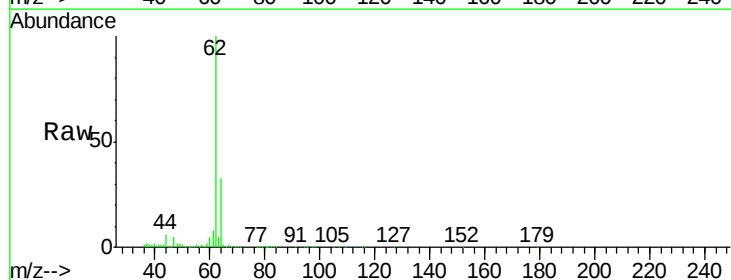
Acq: 10 Jun 2019 11:05

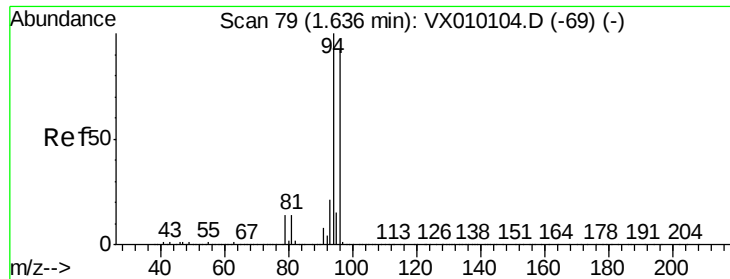
Tgt Ion: 62 Resp: 43497

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 21.644 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 94 Resp: 19576

Ion Ratio Lower Upper

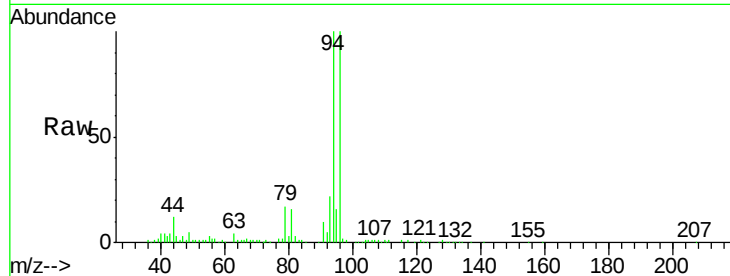
94 100

96 99.7 76.2 114.4

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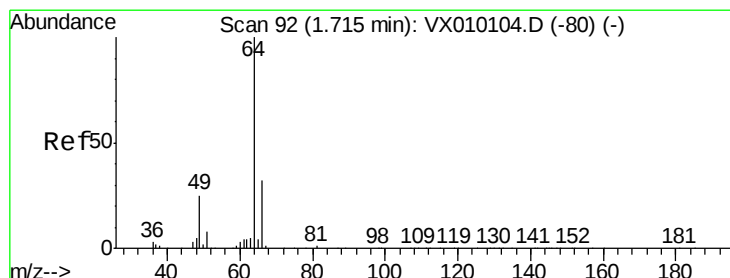
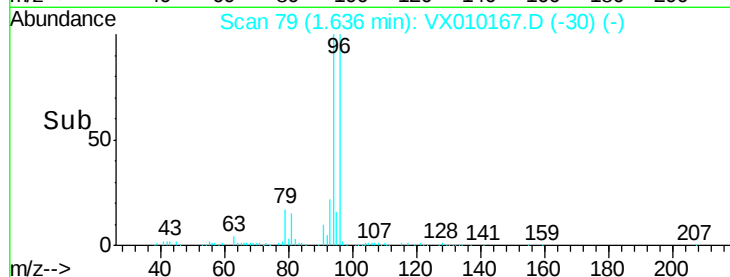
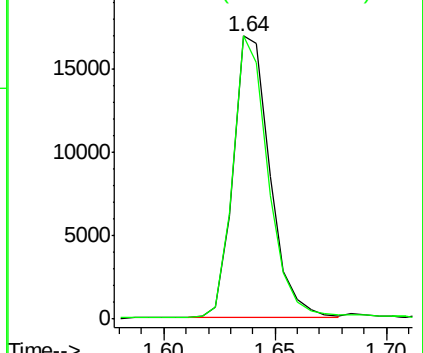
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.440 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010167.D

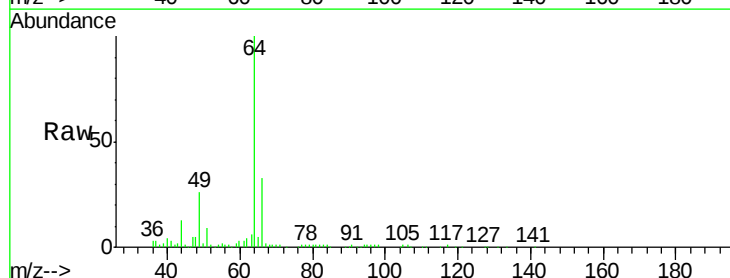
Acq: 10 Jun 2019 11:05

Tgt Ion: 64 Resp: 24700

Ion Ratio Lower Upper

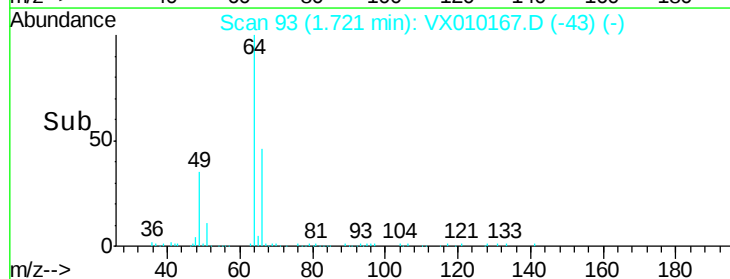
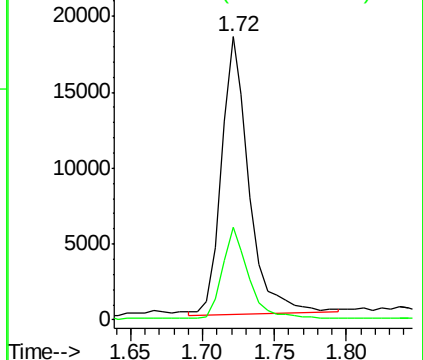
64 100

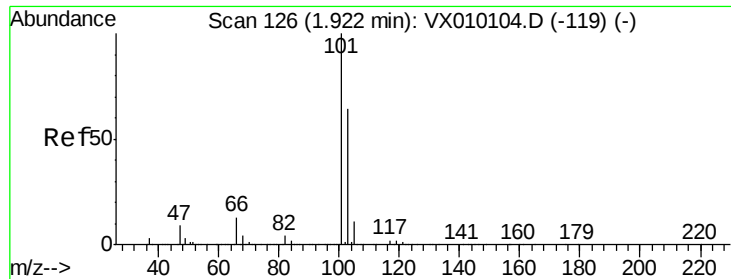
66 33.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

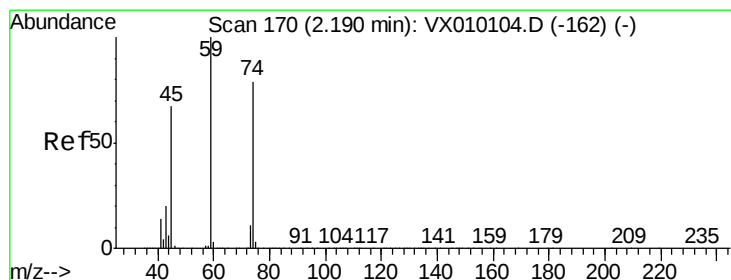
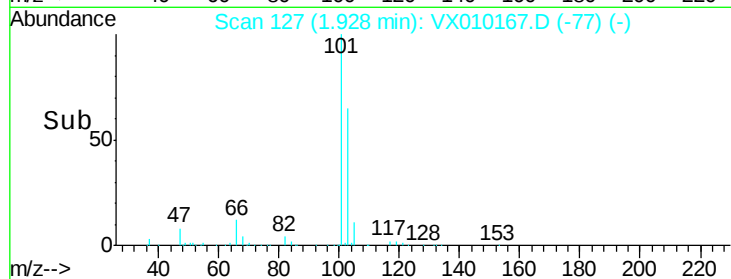
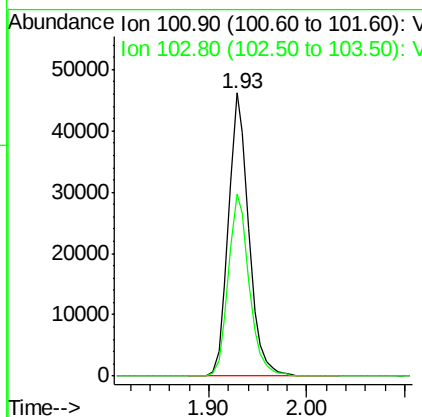
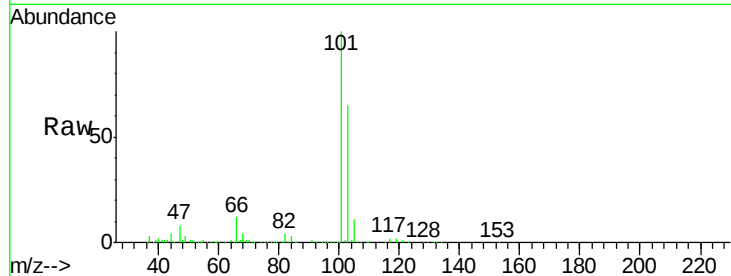
Trichlorofluoromethane
Concen: 18.791 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.4

Manual Integrations
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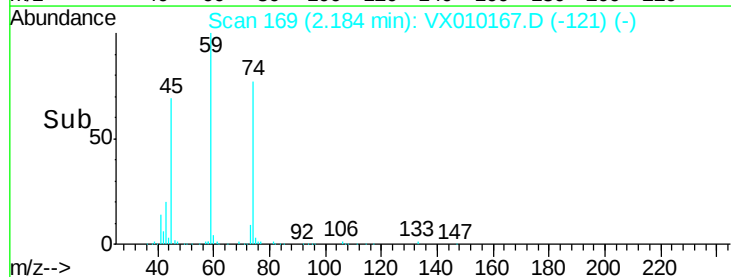
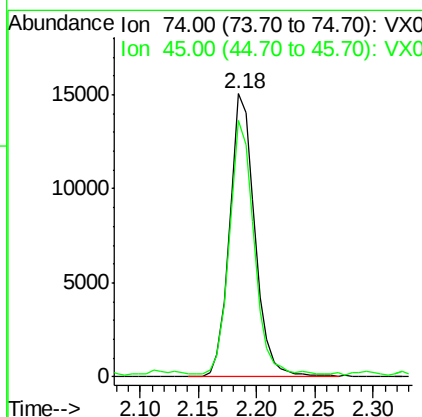
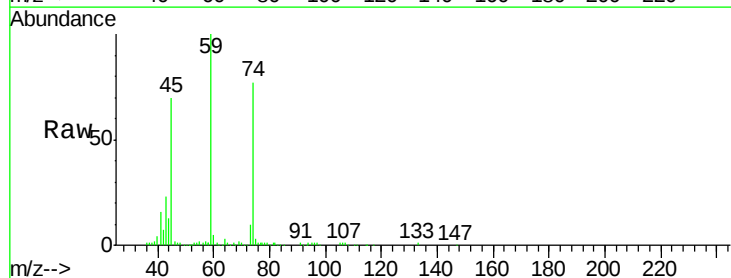
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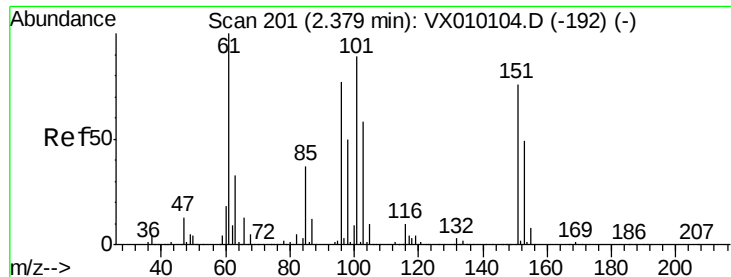


#8

Diethyl Ether
Concen: 18.549 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.0	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.704 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

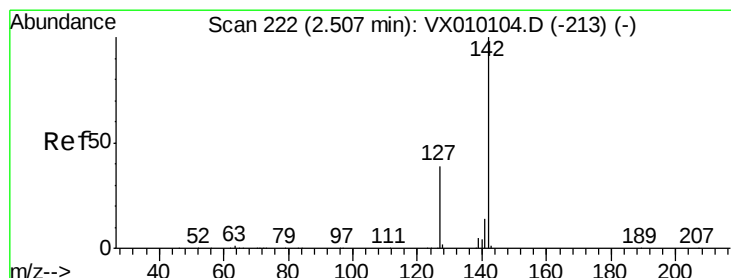
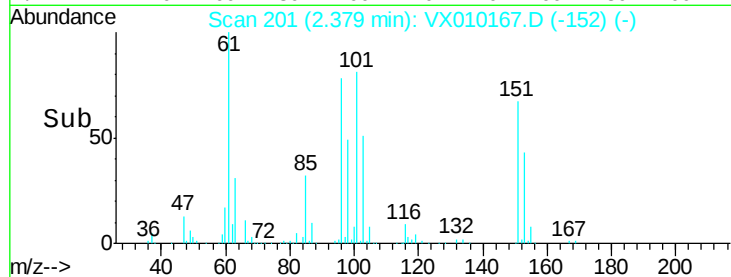
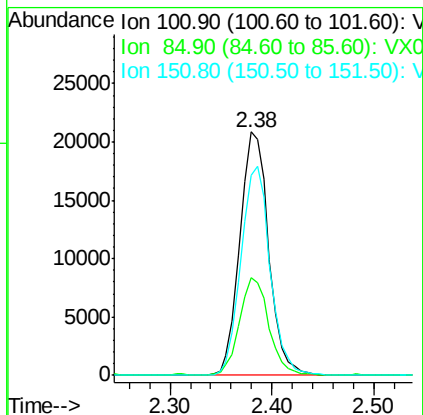
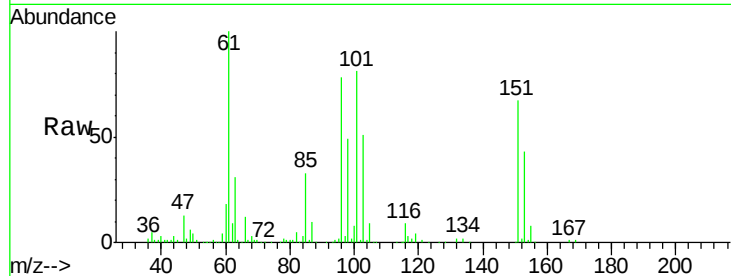
ClientSampleId :

VX0610WBS01

Tot Ion:	101	Resp:	40995
Ion Ratio	Lower	Upper	
101	100		
85	40.9	35.2	52.8
151	86.7	61.9	92.9

Manual Integrations
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6/11/2019 11:54:18 AM



#10

Methyl Iodide

Concen: 16.062 ug/l

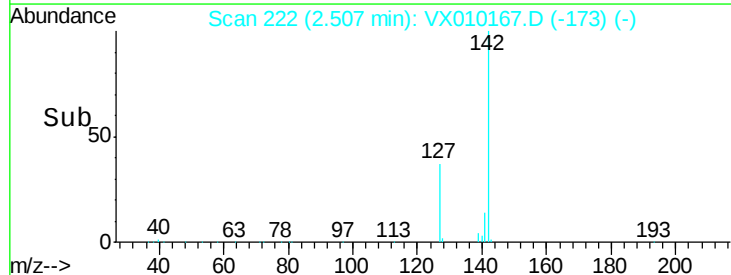
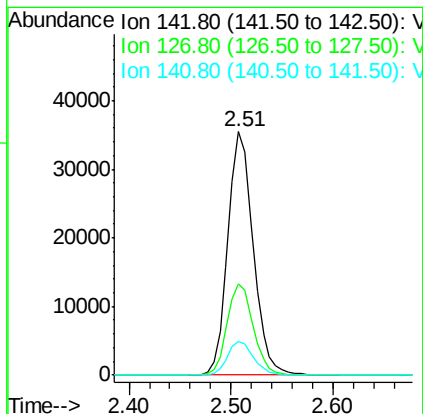
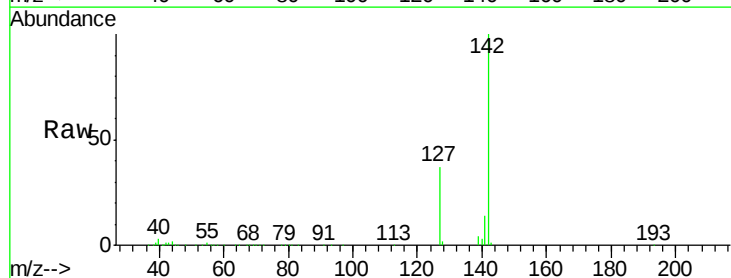
RT: 2.51 min Scan# 222

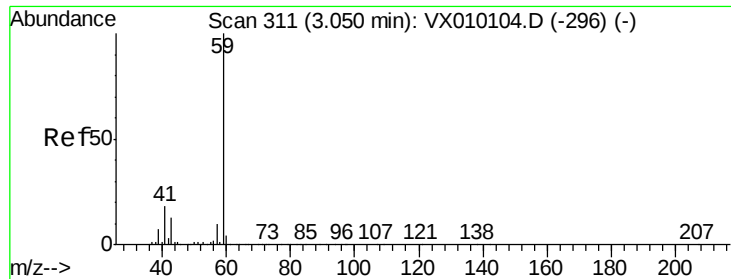
Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion:	142	Resp:	61076
Ion Ratio	Lower	Upper	
142	100		
127	38.4	33.0	49.4
141	14.3	11.4	17.0





#11

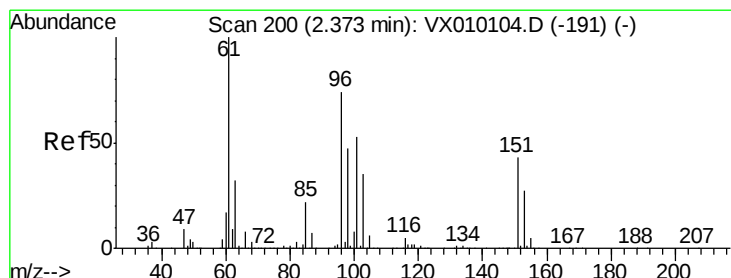
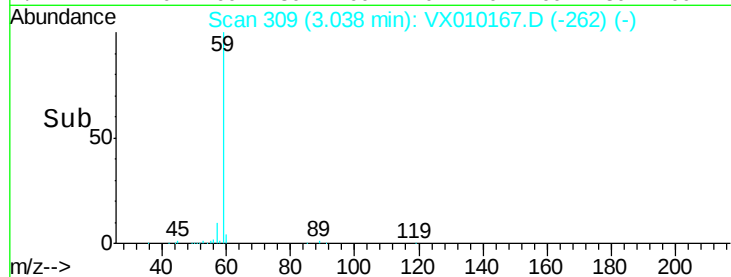
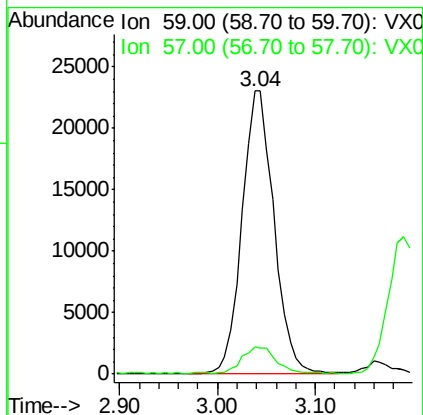
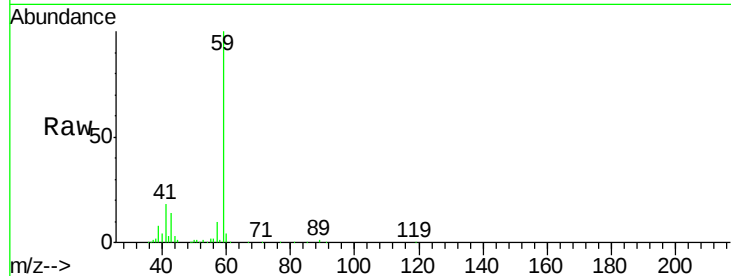
Tert butyl alcohol
Concen: 78.467 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	52363		
57	9.3		8.2	12.2

Manual Integrations
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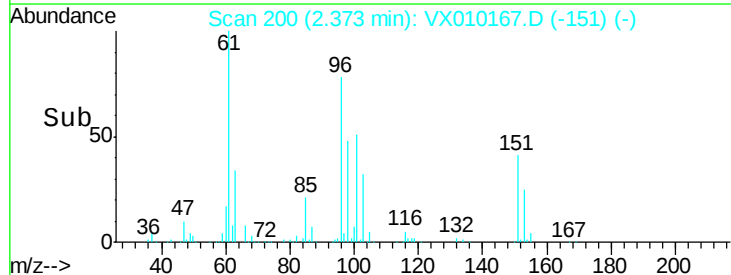
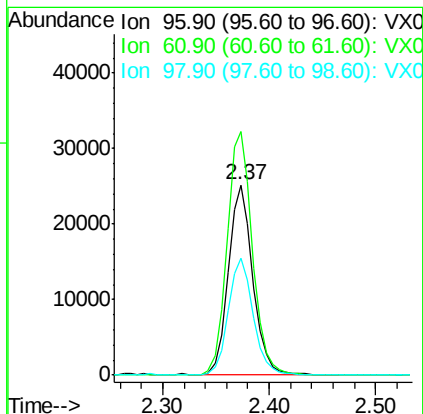
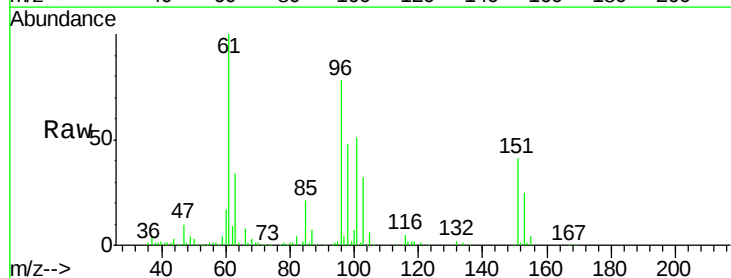
MMDadoda
6/11/2019 11:54:18 AM

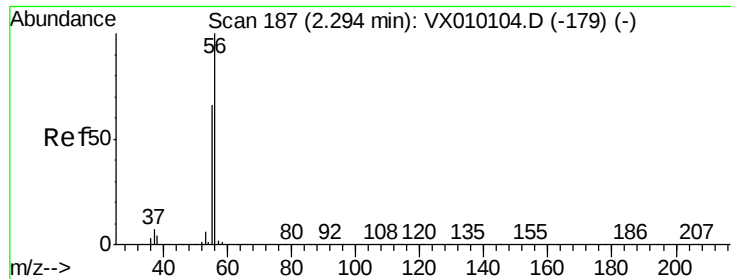


#12

1,1-Dichloroethene
Concen: 16.041 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	40211		
61	128.5		140.7	211.1#
98	61.6		50.1	75.1





#13

Acrolein

Concen: 134.269 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 56 Resp: 16338

Ion Ratio Lower Upper

56 100

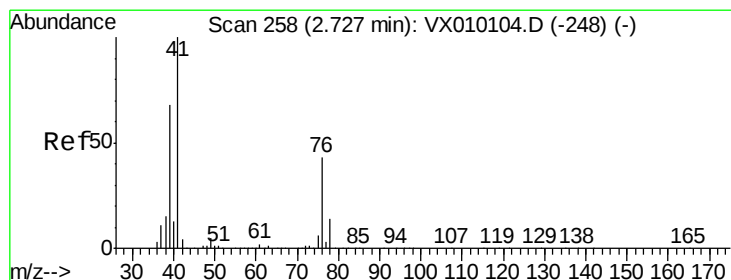
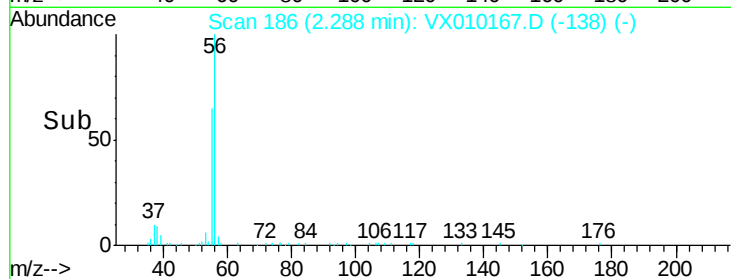
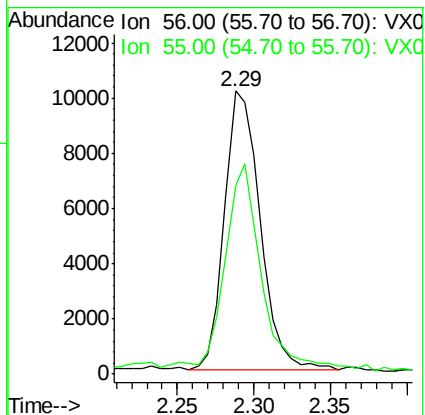
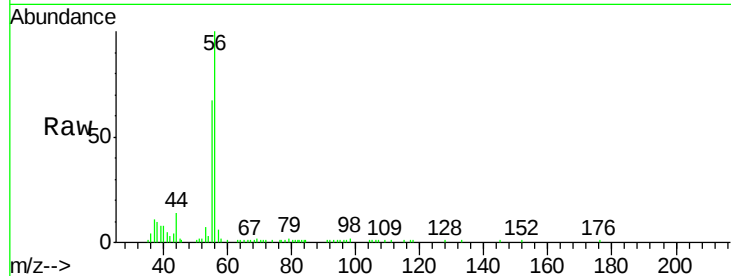
55 76.0 57.0 85.4

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 15.411 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

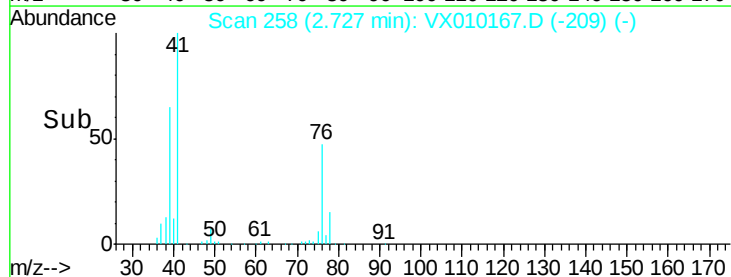
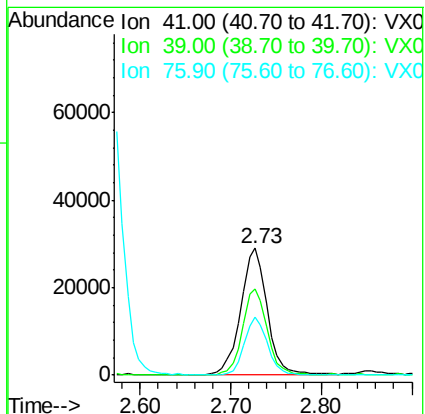
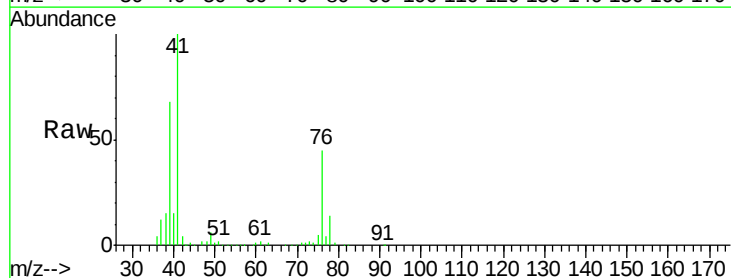
Tgt Ion: 41 Resp: 58312

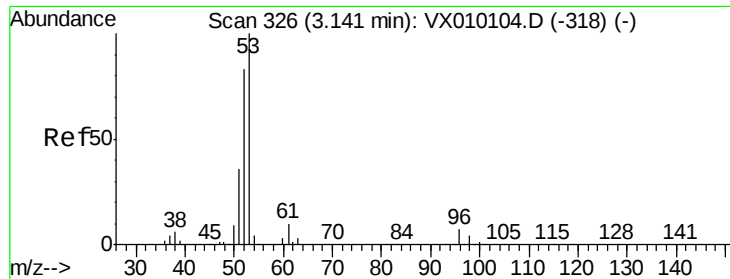
Ion Ratio Lower Upper

41 100

39 62.8 46.7 70.1

76 40.1 21.0 31.4#





#15

Acrylonitrile

Concen: 77.833 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

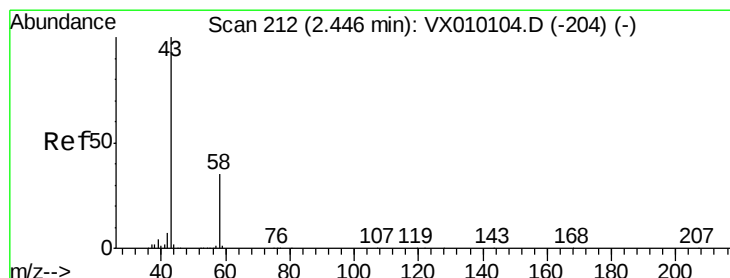
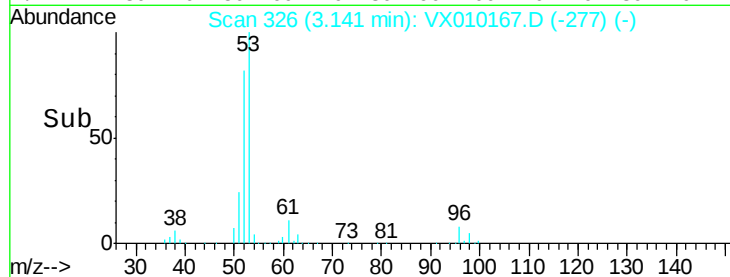
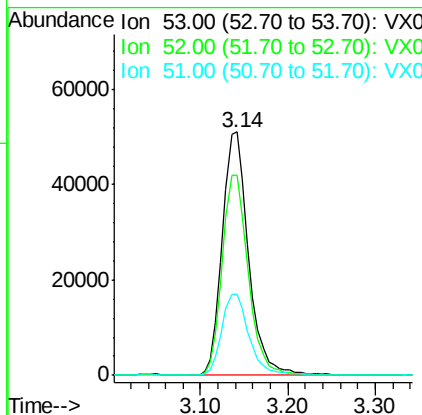
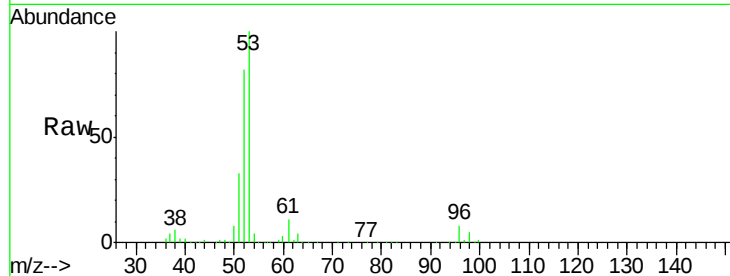
ClientSampled :

VX0610WBS01

Tot Ion:	53	Resp:	106165
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.7	100.1
51	34.4	28.8	43.2

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 78.672 ug/l

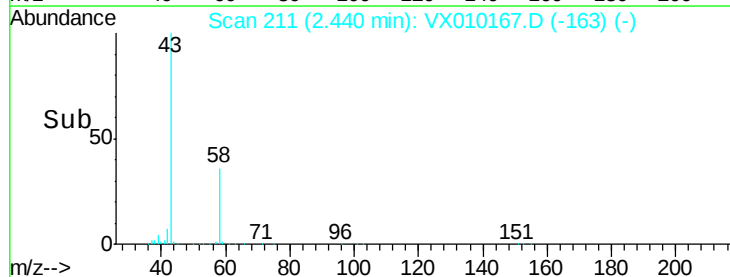
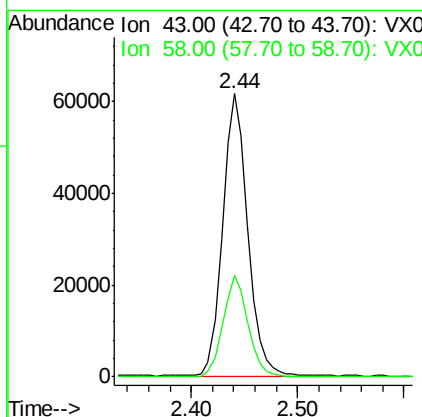
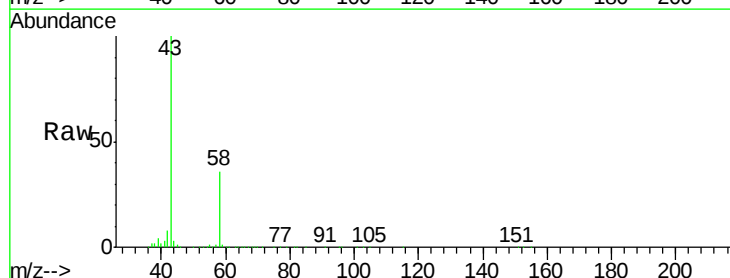
RT: 2.44 min Scan# 211

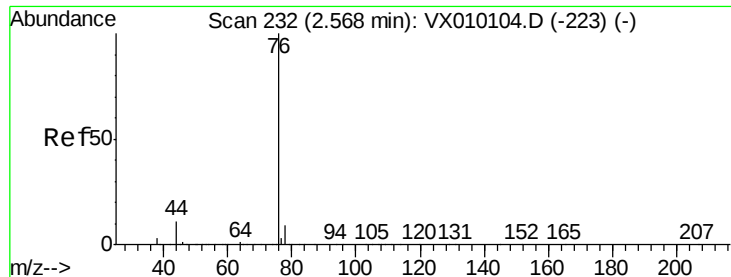
Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion:	43	Resp:	100799
Ion Ratio		Lower	Upper
43	100		
58	36.0	23.2	34.8#





#17

Carbon Disulfide

Concen: 15.286 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 76 Resp: 110716

Ion Ratio Lower Upper

76 100

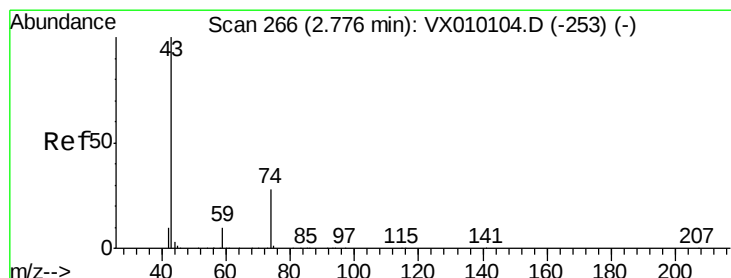
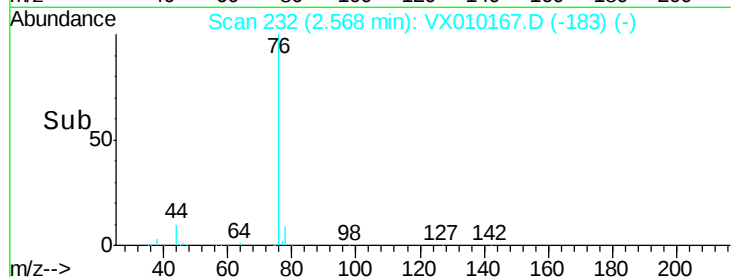
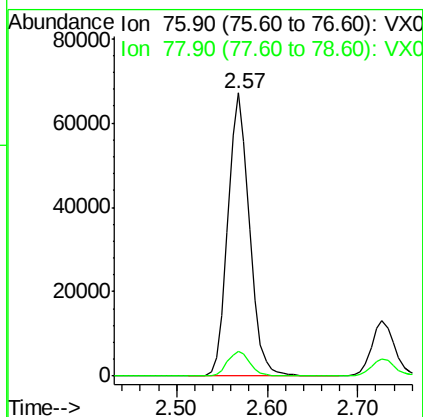
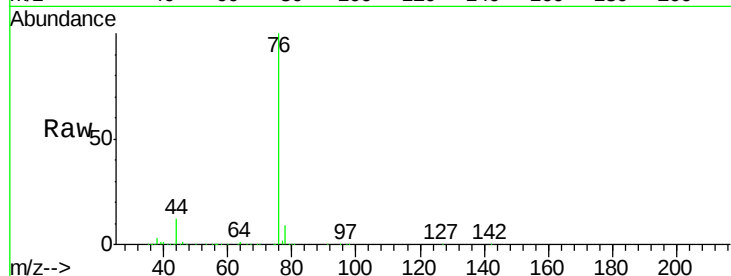
78 8.7 7.0 10.6

Manual Integrations

APPROVED

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6/11/2019 11:54:18 AM



#18

Methyl Acetate

Concen: 15.099 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010167.D

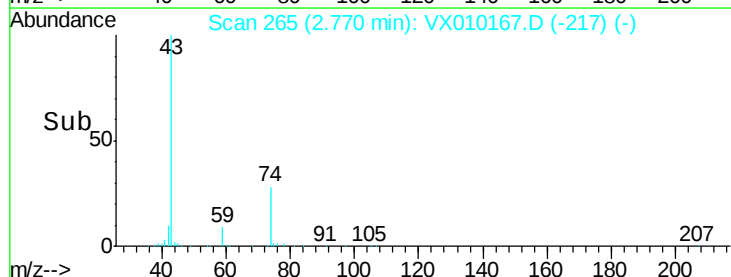
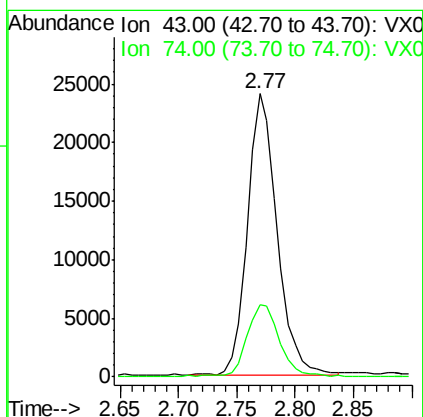
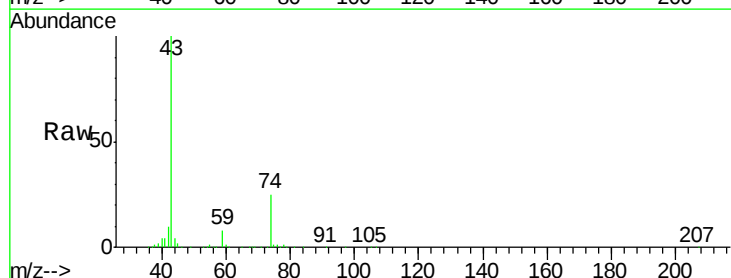
Acq: 10 Jun 2019 11:05

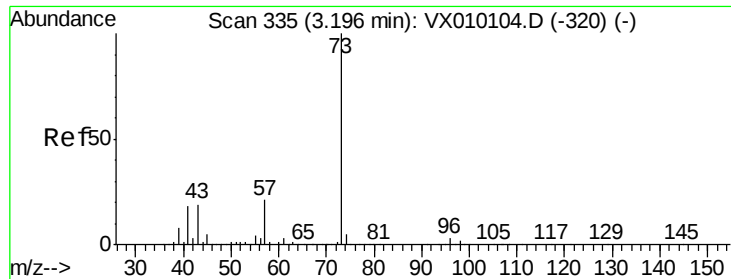
Tgt Ion: 43 Resp: 42545

Ion Ratio Lower Upper

43 100

74 28.5 15.8 23.6#





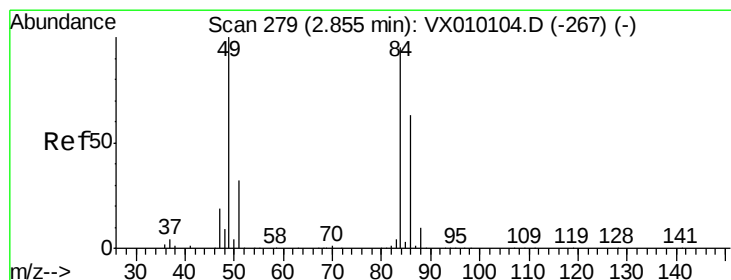
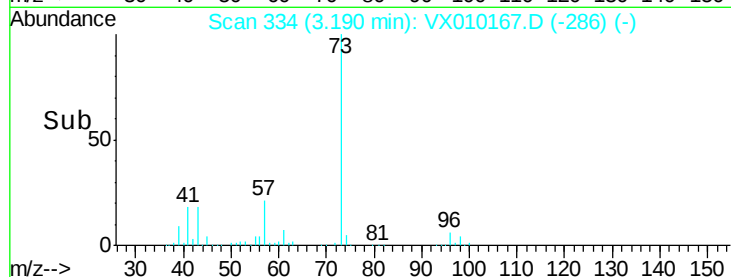
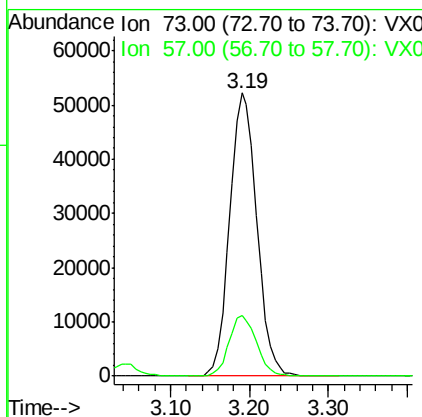
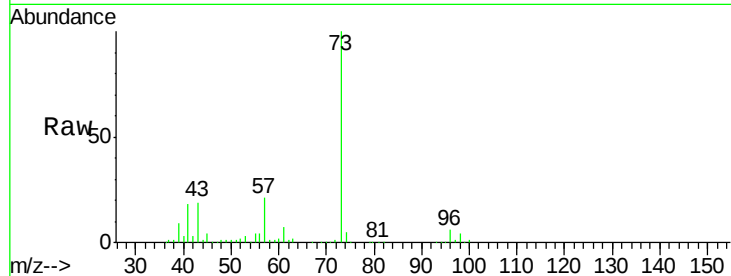
#19
Methyl tert-butyl Ether
Concen: 15.469 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	19.4	29.2

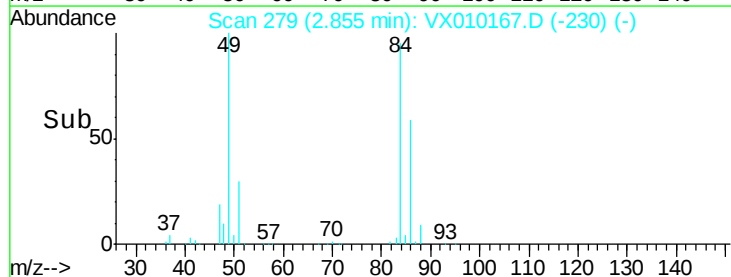
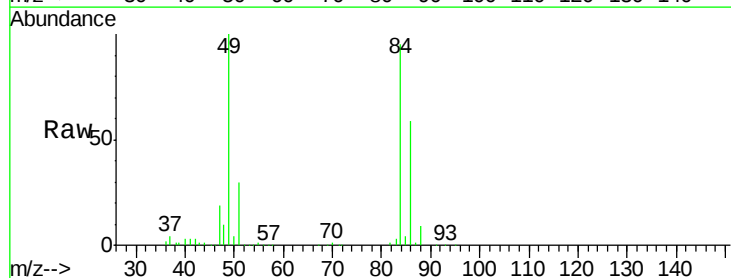
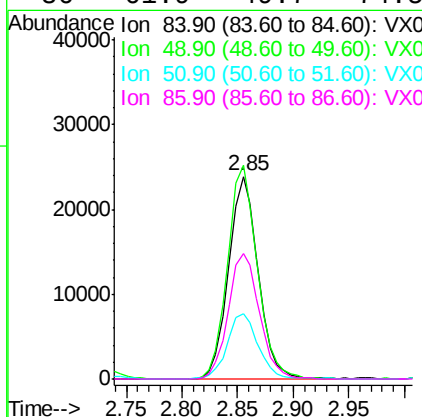
Manual Integrations
APPROVED

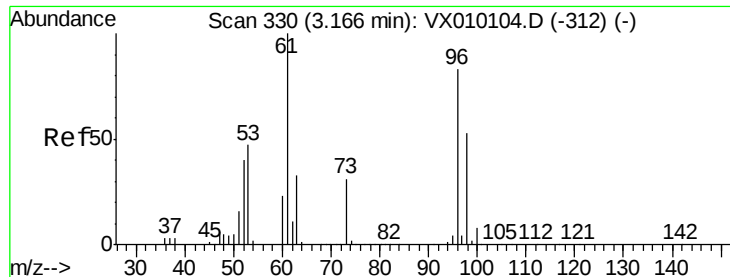
MMDadoda
6/11/2019 11:54:18 AM



#20
Methylene Chloride
Concen: 15.633 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.2	115.8	173.6#
51	32.1	34.4	51.6#
86	61.9	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 15.153 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 96 Resp: 42036

Ion Ratio Lower Upper

96 100

61 122.4 125.7 188.5#

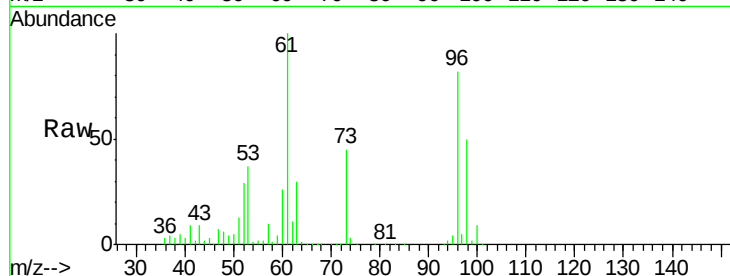
98 61.7 49.0 73.6

Manual Integrations

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MMDadoda

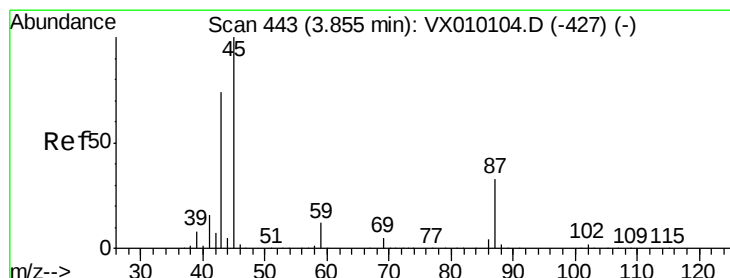
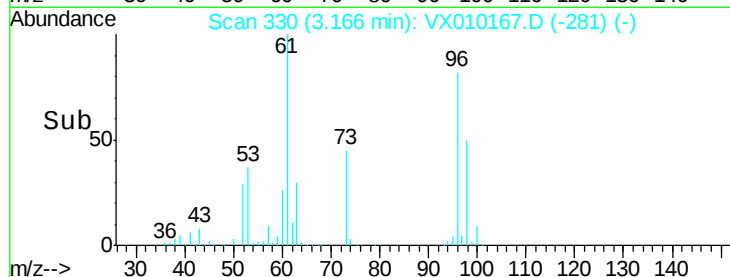
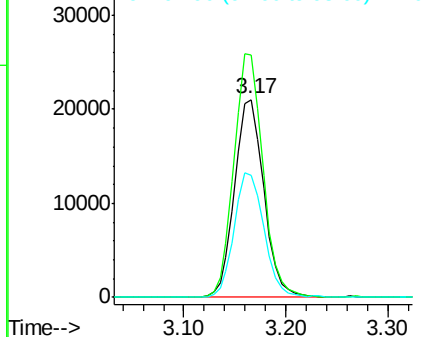
6/11/2019 11:54:18 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 16.040 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion: 45 Resp: 116041

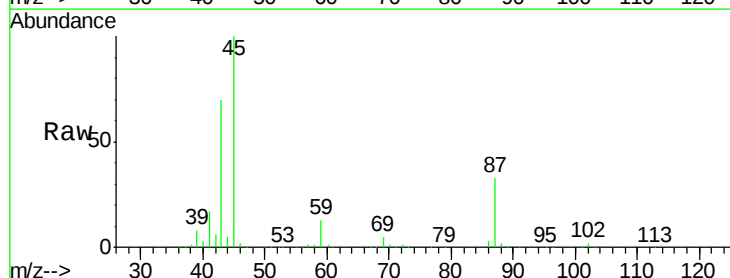
Ion Ratio Lower Upper

45 100

43 68.4 65.0 97.4

87 33.1 17.3 25.9#

59 12.5 8.1 12.1#

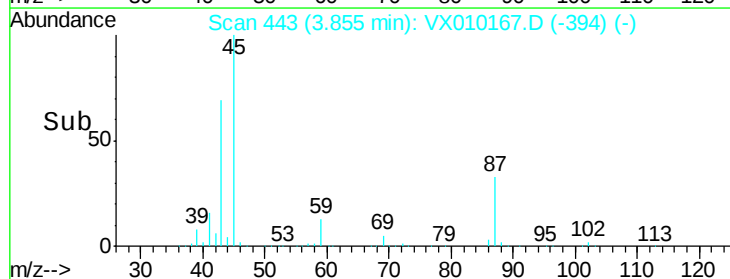
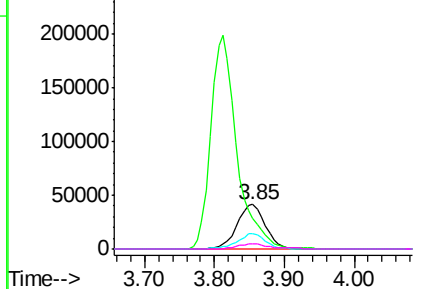


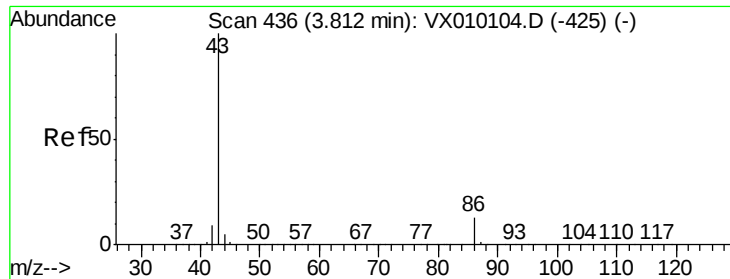
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 79.850 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0610WBS01

Tot Ion: 43 Resp: 515340

Ion Ratio Lower Upper

43 100

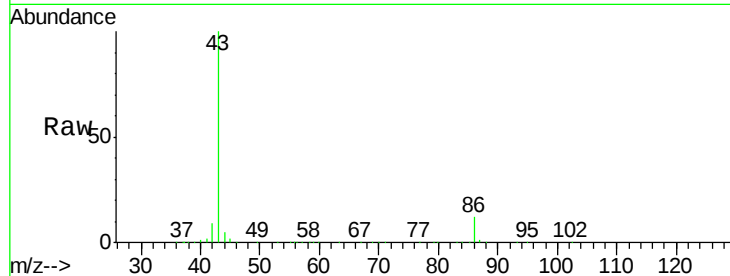
86 12.1 6.5 9.7#

Manual Integrations

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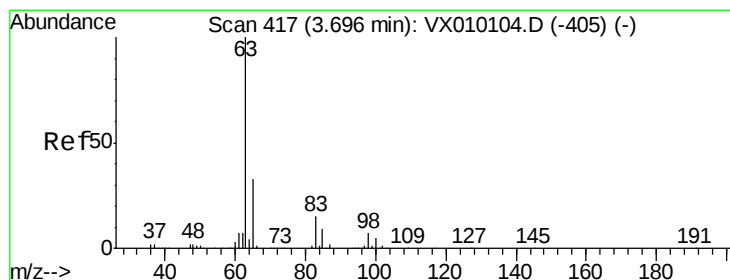
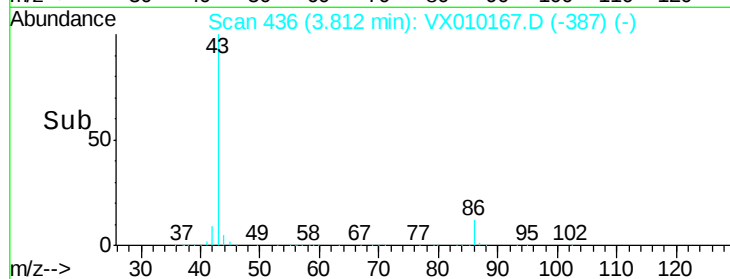
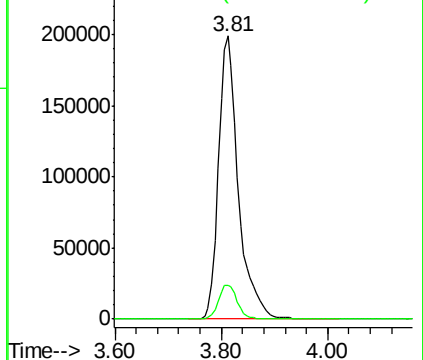
MMDadoda

6/11/2019 11:54:18 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 15.465 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

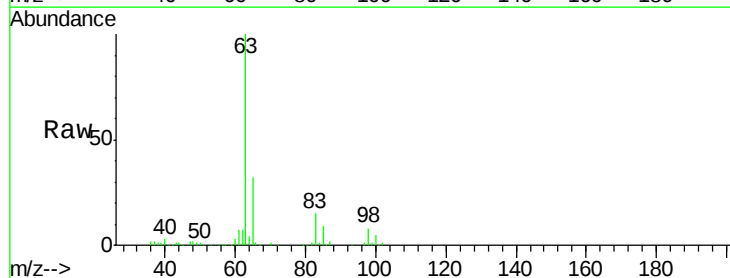
Tgt Ion: 63 Resp: 67928

Ion Ratio Lower Upper

63 100

98 8.1 2.9 8.8

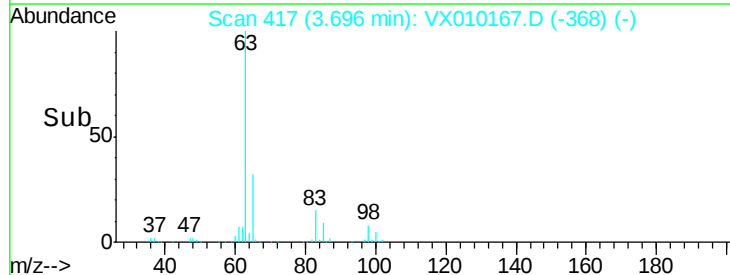
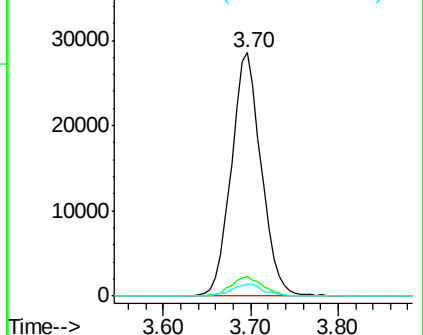
100 5.0 1.8 5.4

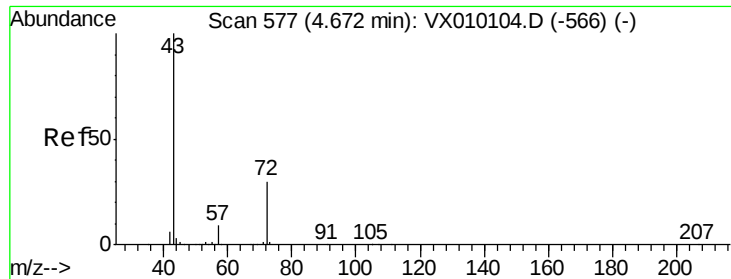


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 78.193 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 43 Resp: 149184

Ion Ratio Lower Upper

43 100

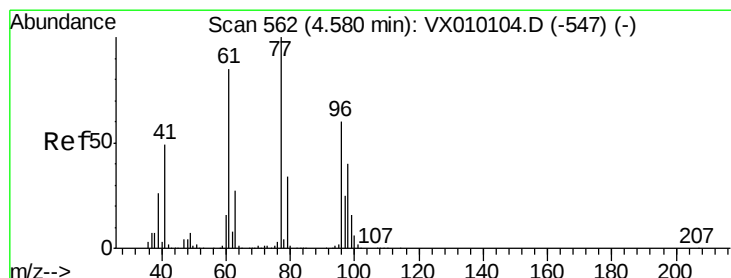
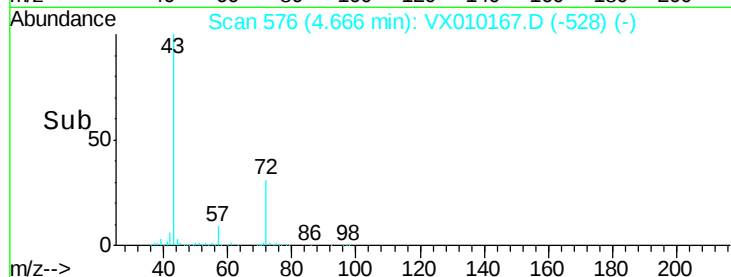
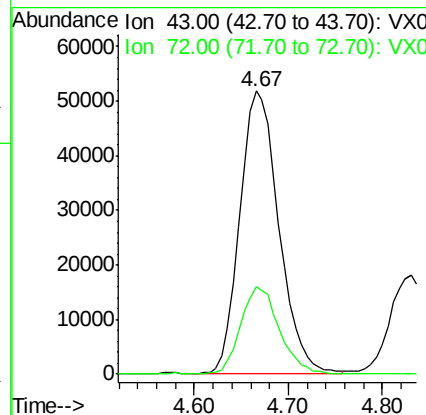
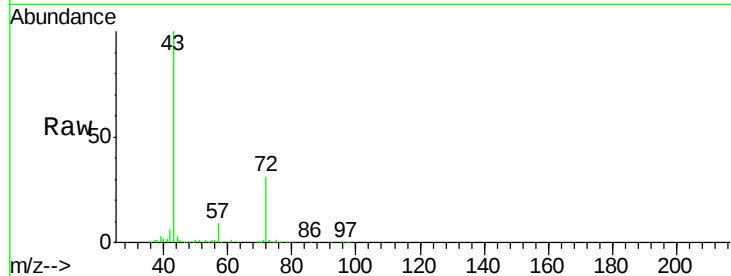
72 31.0 17.5 26.3#

Manual Integrations

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6/11/2019 11:54:18 AM



#26

2,2-Dichloropropane

Concen: 15.486 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010167.D

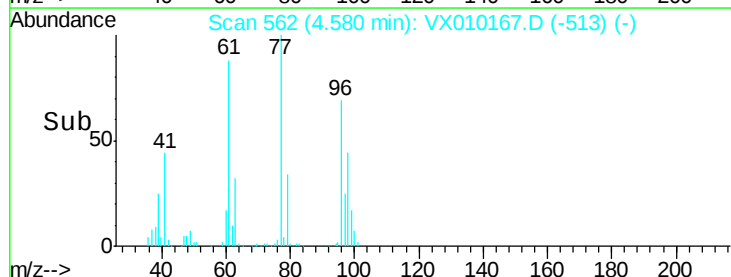
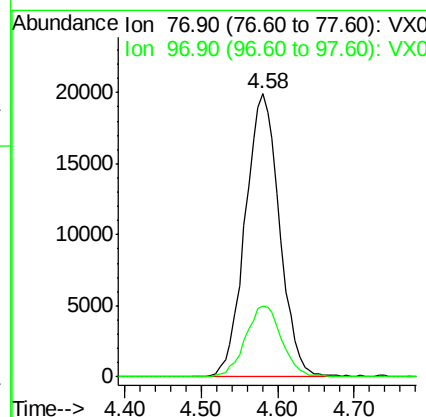
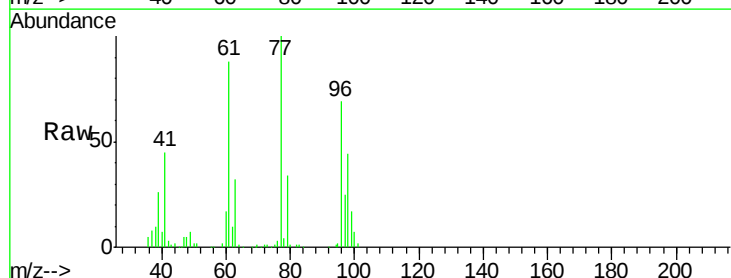
Acq: 10 Jun 2019 11:05

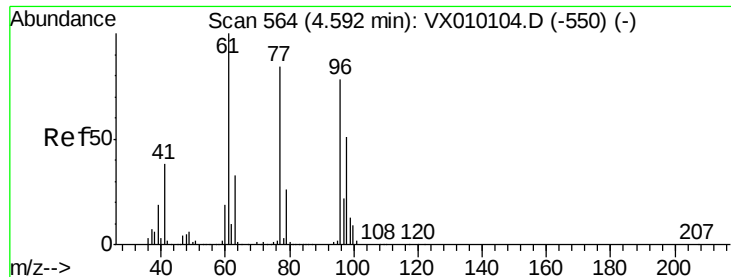
Tgt Ion: 77 Resp: 62054

Ion Ratio Lower Upper

77 100

97 26.5 11.4 34.2





#27

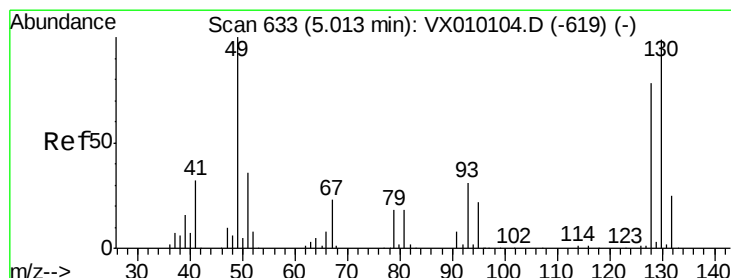
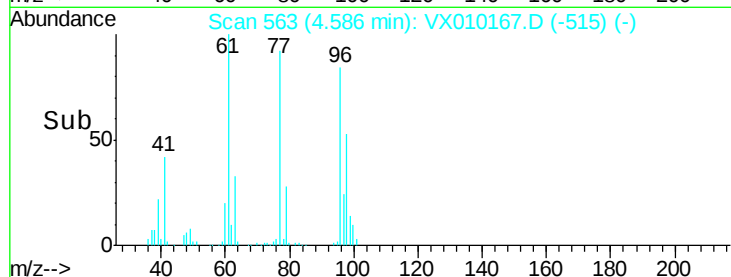
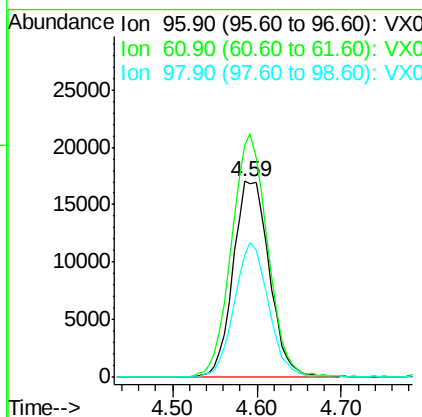
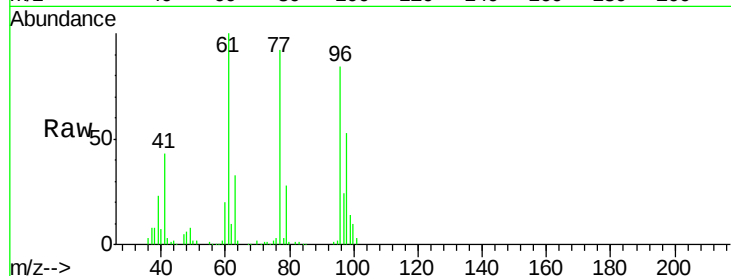
cis-1,2-Dichloroethene
Concen: 16.139 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	334.0
98	64.5	0.0	131.6

Manual Integrations
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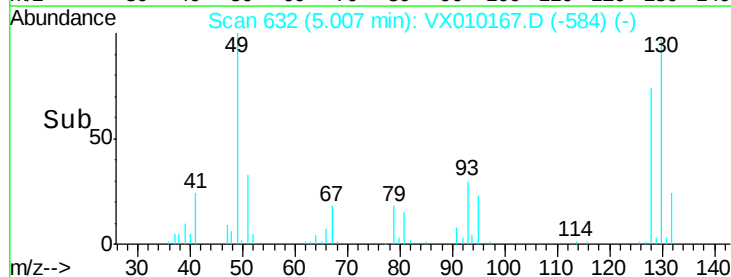
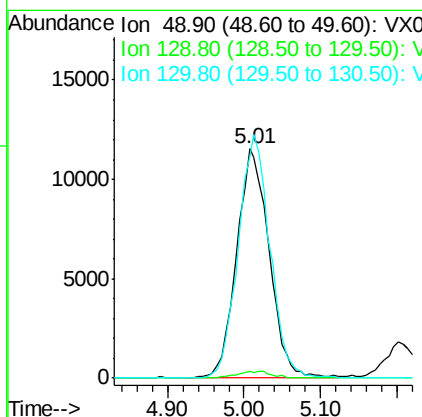
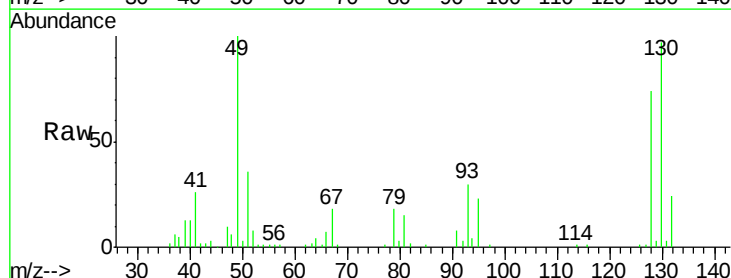
MMDadoda
6/11/2019 11:54:18 AM

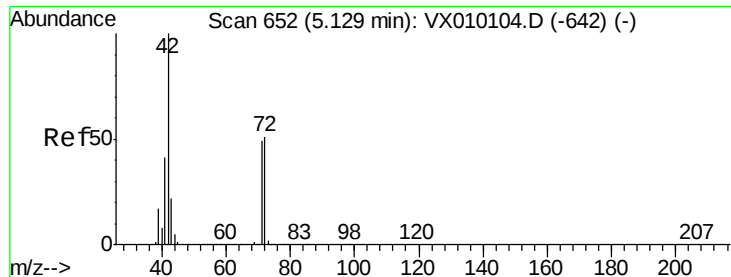


#28

Bromochloromethane
Concen: 17.321 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	3.4
130	103.2	49.4	74.2#





#29

Tetrahydrofuran

Concen: 77.015 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

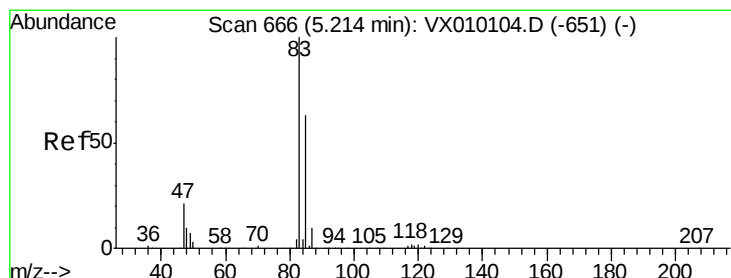
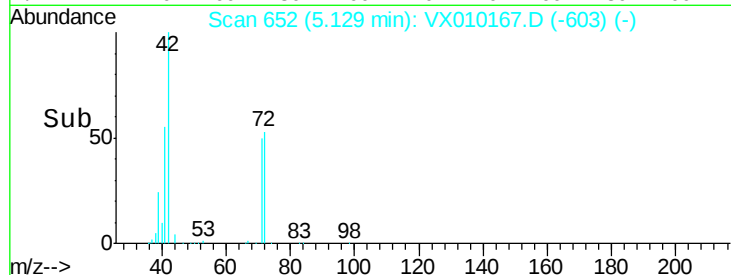
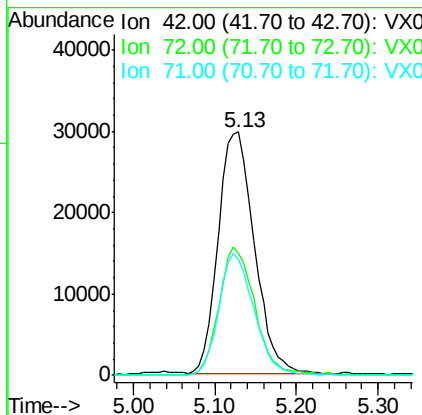
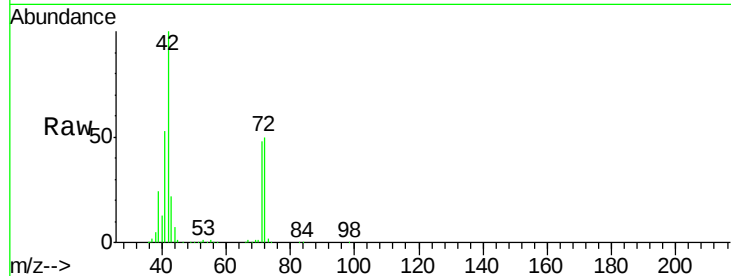
ClientSampleId :

VX0610WBS01

Tot Ion:	42	Resp:	92344
Ion Ratio		Lower	Upper
42	100		
72	52.3	29.2	43.8#
71	48.8	27.6	41.4#

Manual Integrations
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#30

Chloroform

Concen: 15.670 ug/l

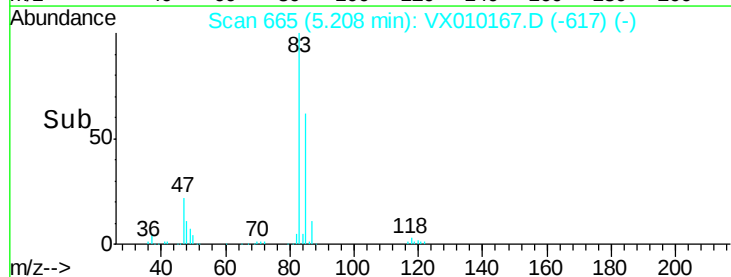
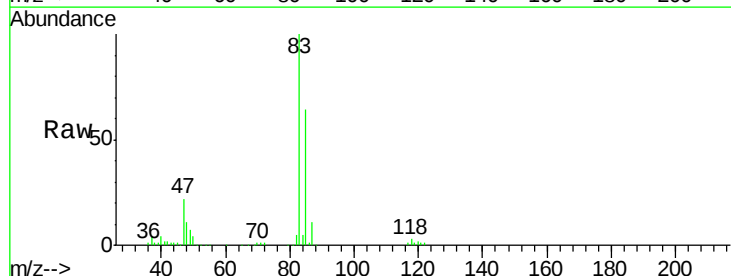
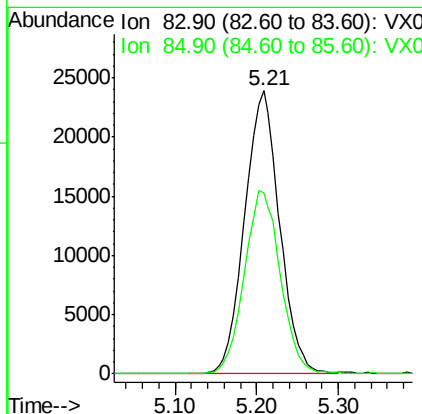
RT: 5.21 min Scan# 665

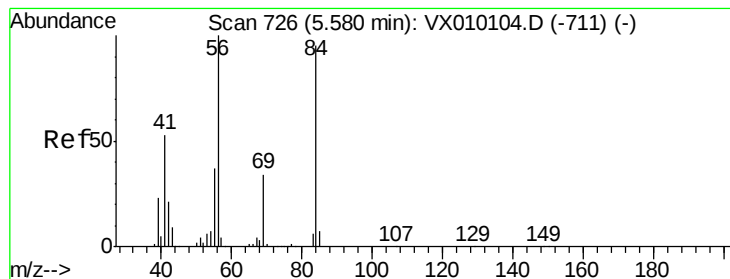
Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion:	83	Resp:	71480
Ion Ratio		Lower	Upper
83	100		
85	64.1	52.6	78.8





#31

Cyclohexane

Concen: 16.623 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 56 Resp: 65897

Ion Ratio Lower Upper

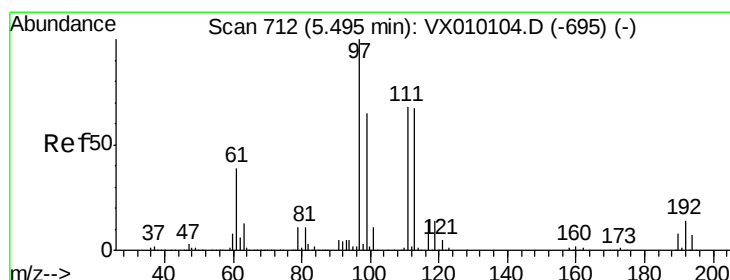
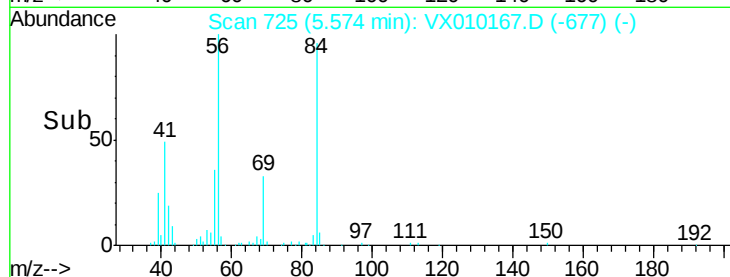
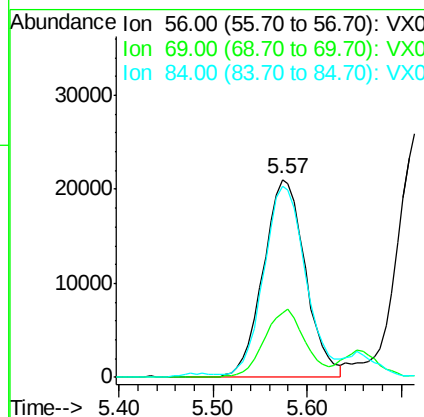
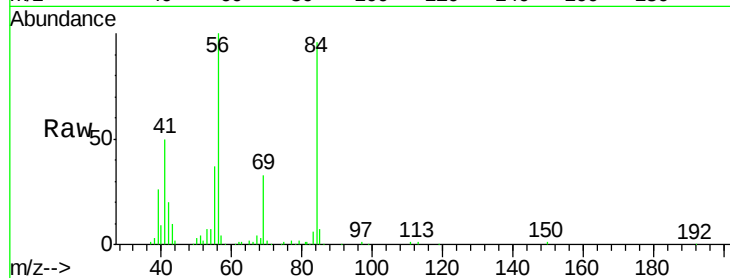
56 100

69 32.5 21.6 32.4#

84 94.6 56.8 85.2#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 15.369 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

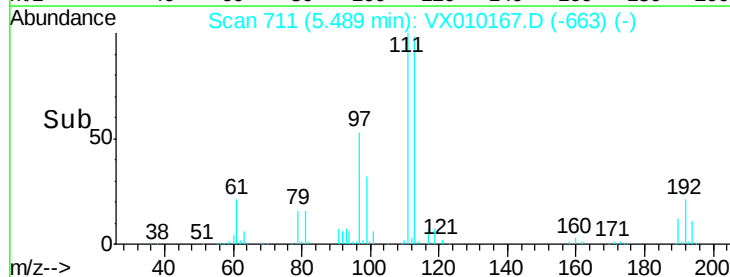
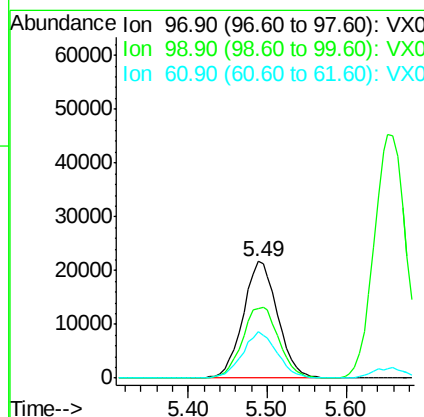
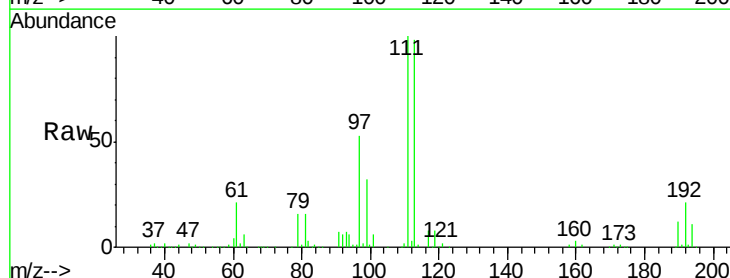
Tgt Ion: 97 Resp: 65911

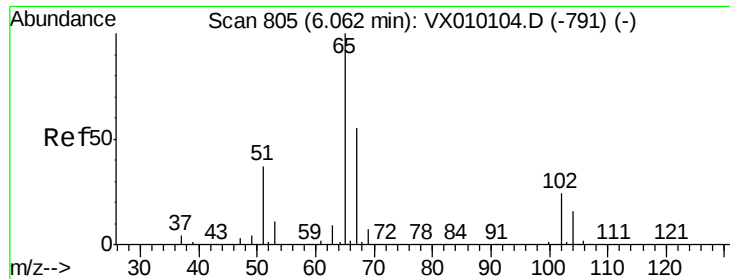
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 39.6 38.7 58.1





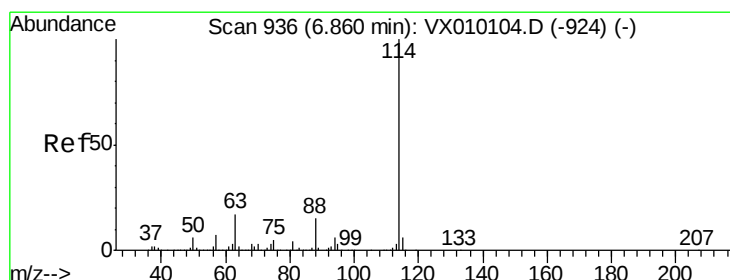
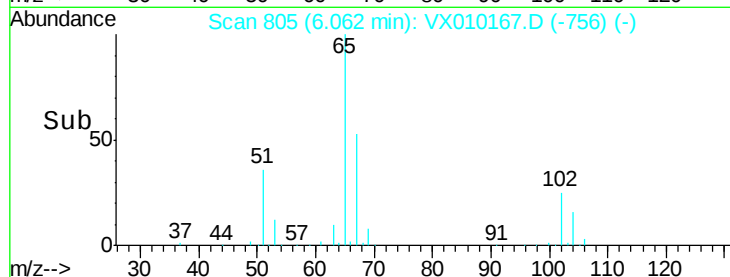
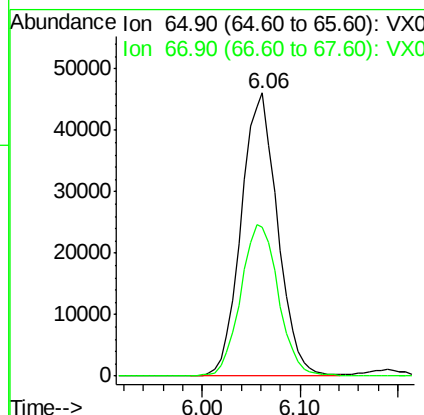
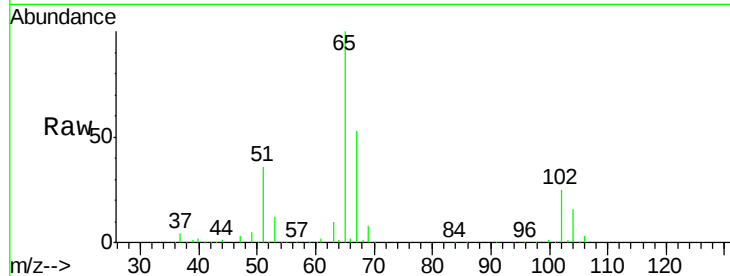
#33
 1,2-Dichloroethane-d4
 Concen: 43.692 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0610WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	108.4

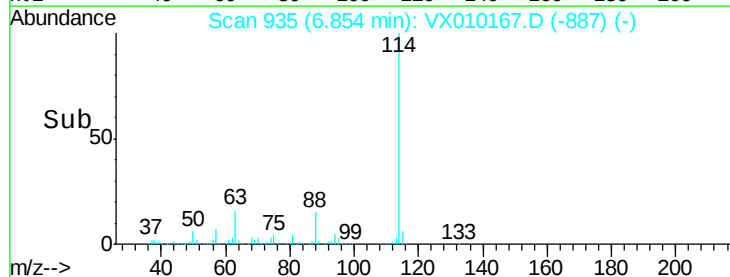
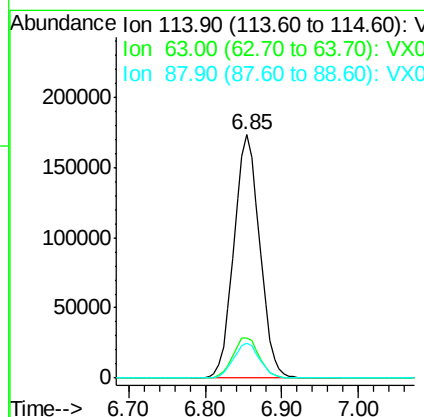
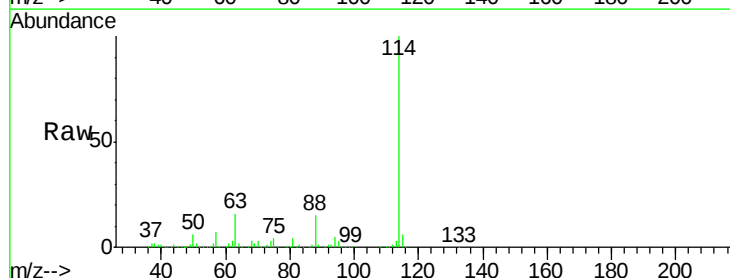
Manual Integrations
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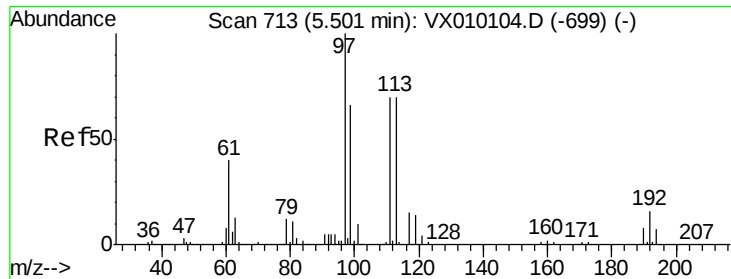
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	47.4
88	14.5	0.0	33.0





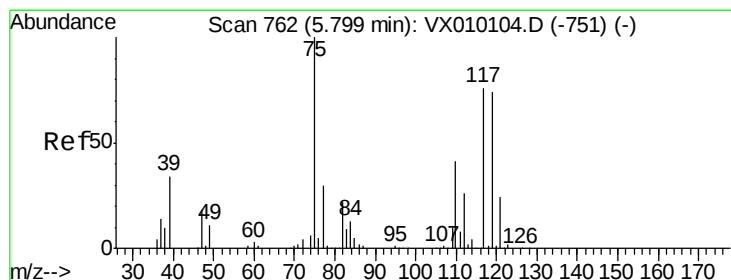
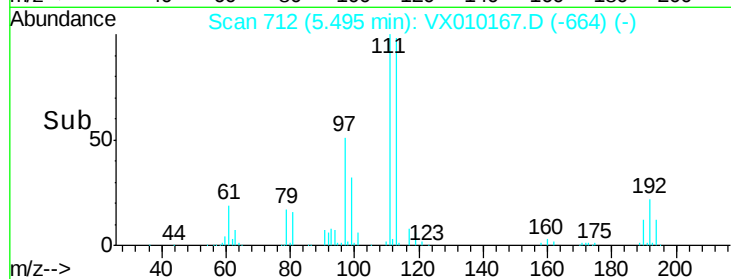
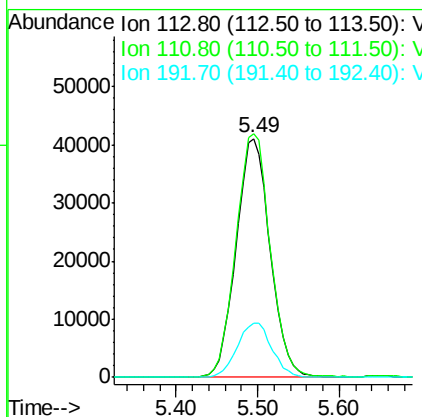
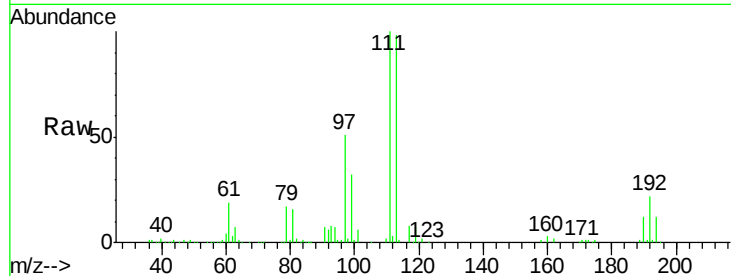
#35
Dibromofluoromethane
Concen: 47.458 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	82.2	123.2	
192	23.2	17.1	25.7	

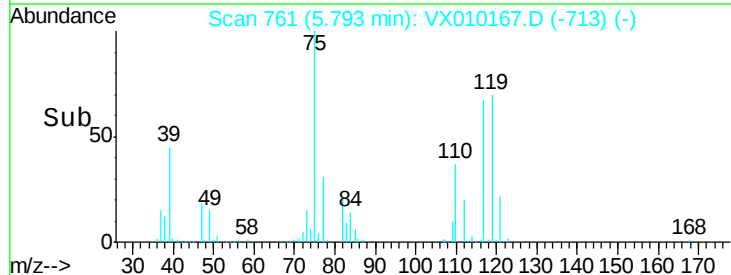
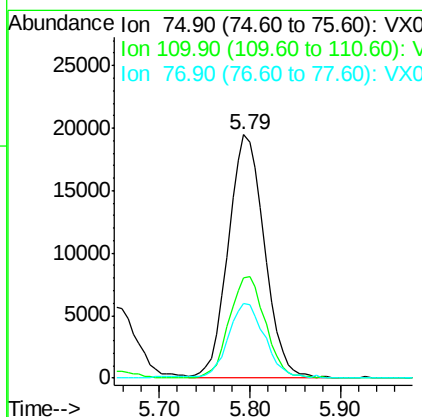
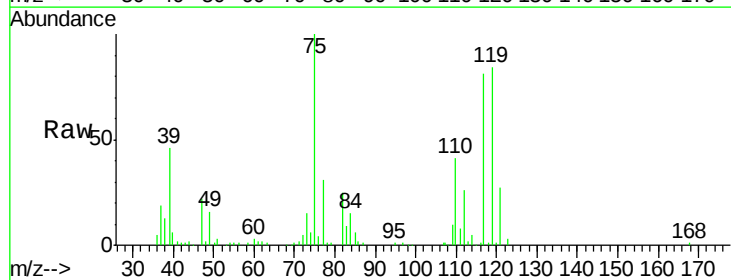
Manual Integrations
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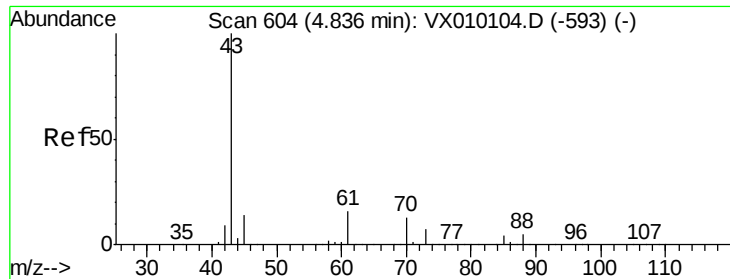
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#36
1,1-Dichloropropene
Concen: 16.342 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	41.8	16.7	50.1	
77	30.1	25.0	37.4	





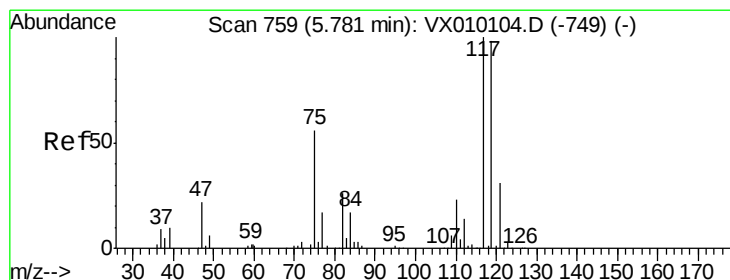
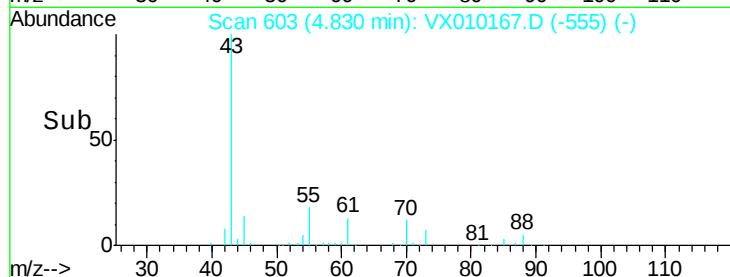
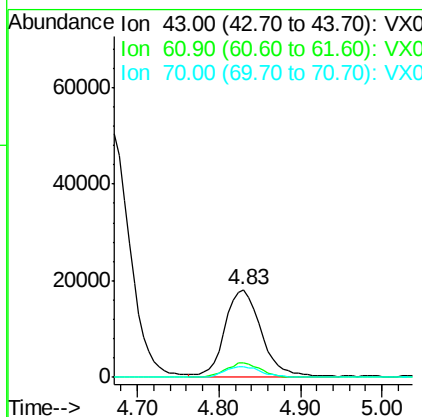
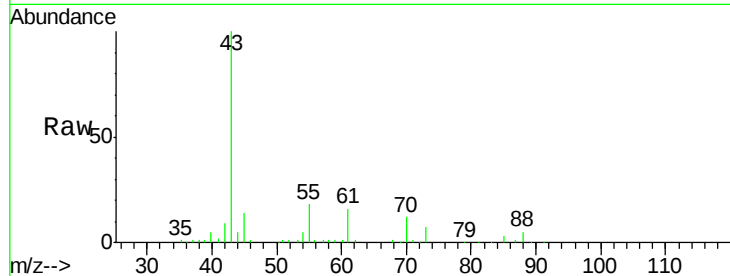
#37
Ethyl Acetate
Concen: 15.879 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	10.2	15.2#
70	13.5	7.4	11.2#

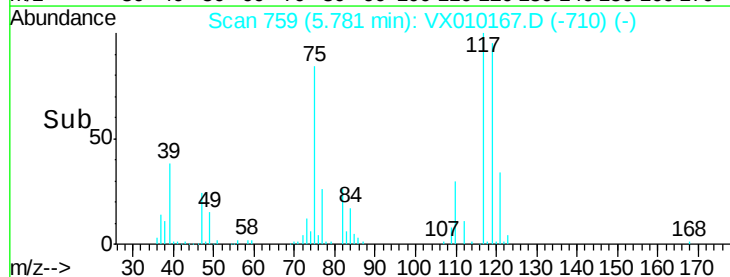
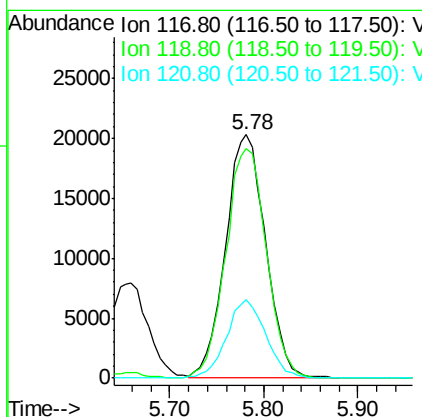
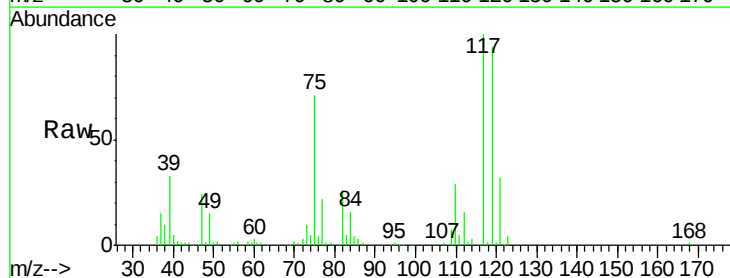
Manual Integrations
APPROVED

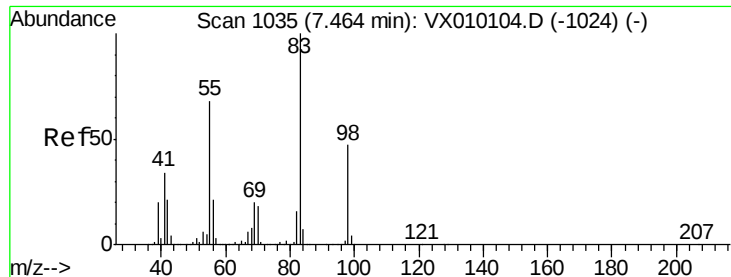
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#38
Carbon Tetrachloride
Concen: 16.076 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.3	115.9
121	32.5	25.4	38.0





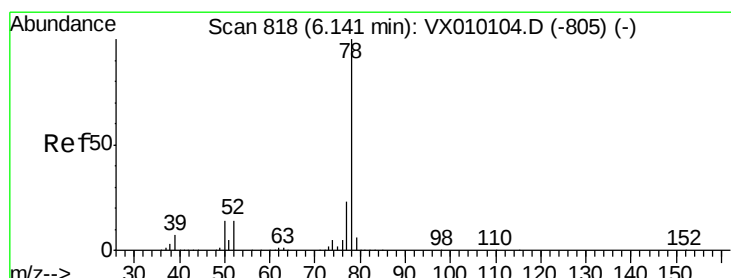
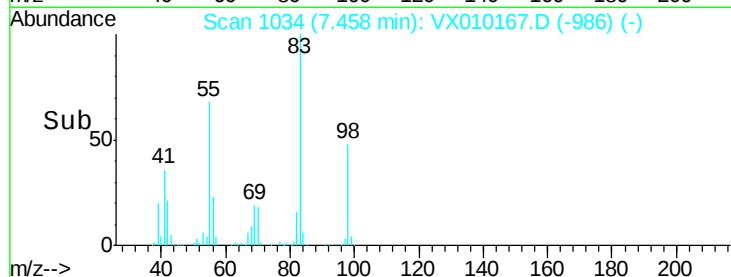
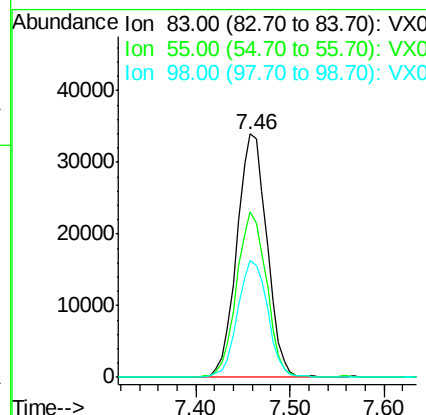
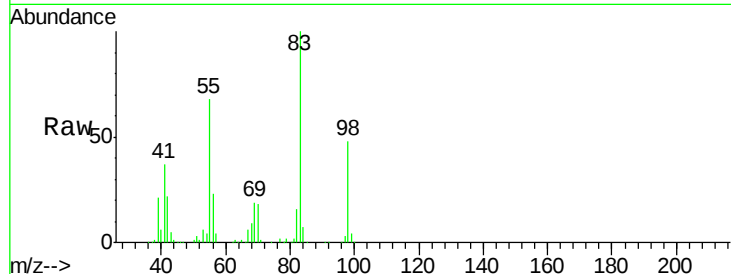
#39
Methvlcvclohexane
Concen: 16.779 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.6	69.9	104.9#
98	47.8	35.1	52.7

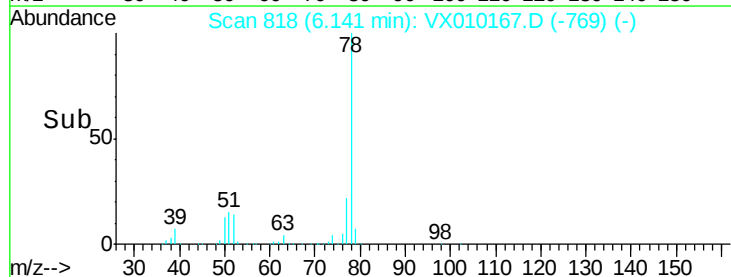
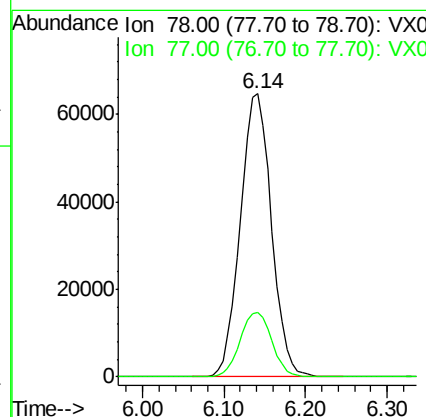
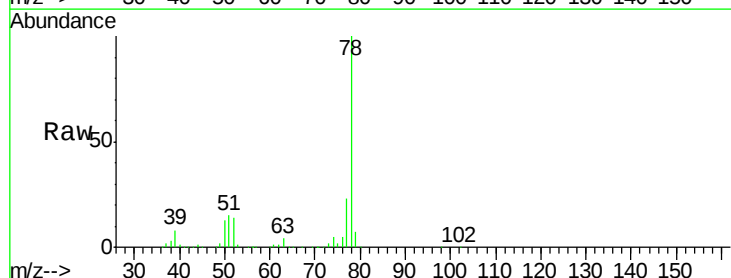
Manual Integrations
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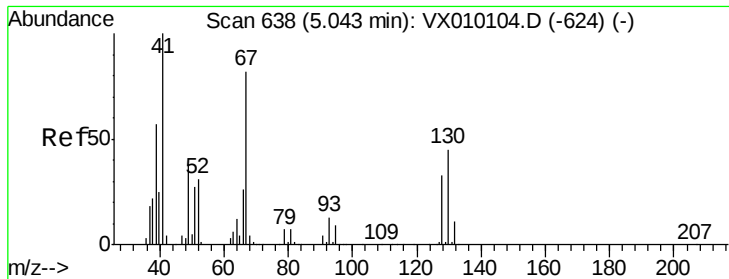
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#40
Benzene
Concen: 16.741 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





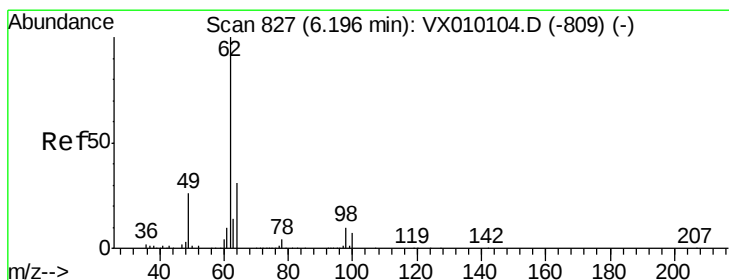
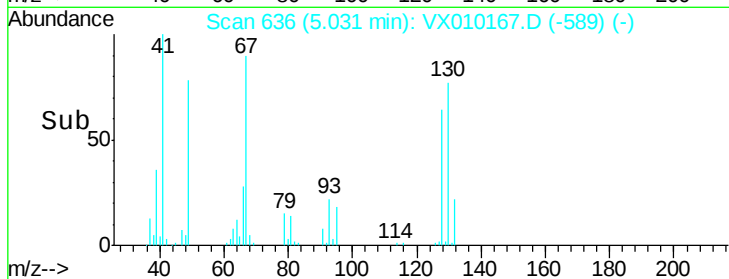
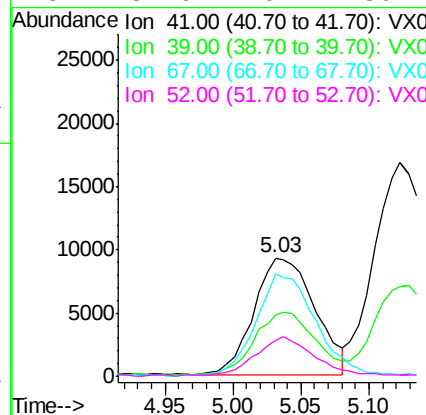
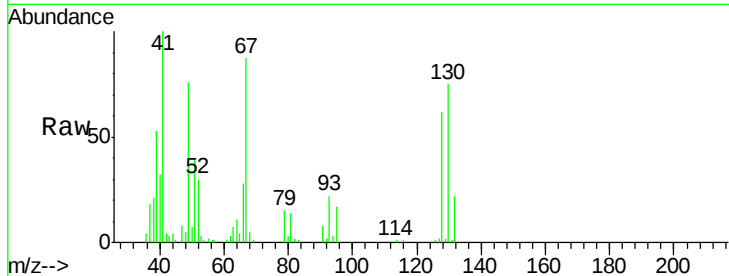
#41
Methacrylonitrile
Concen: 15.540 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		28935		
39	53.2	42.2	63.4		
67	87.8	48.9	73.3#		
52	32.9	20.1	30.1#		

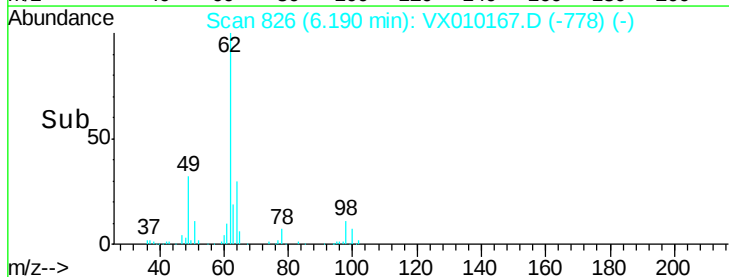
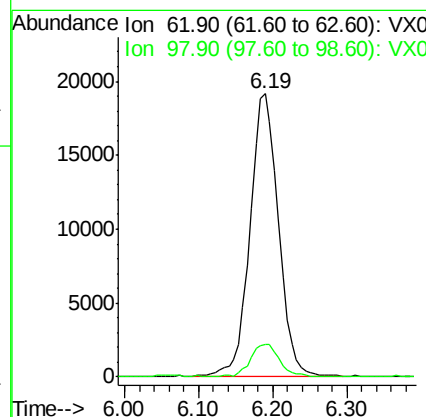
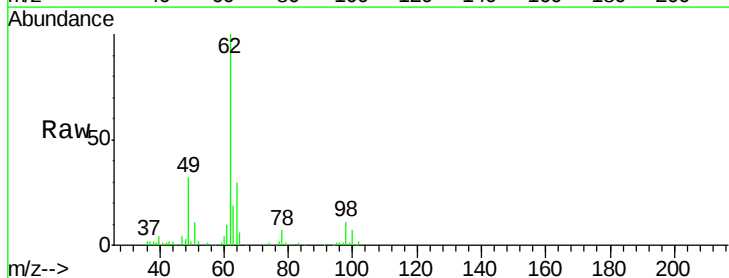
Manual Integrations
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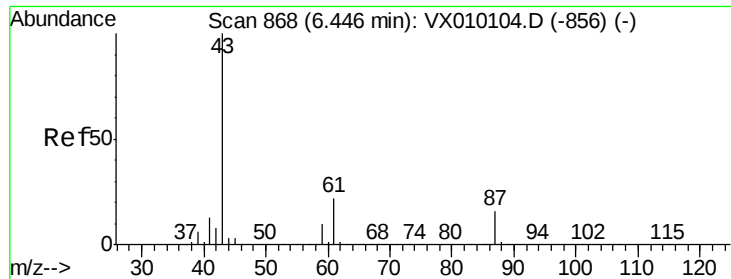
MMDadoda
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#42
1,2-Dichloroethane
Concen: 15.841 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		51733		
98	11.6	0.0	17.2		





#43

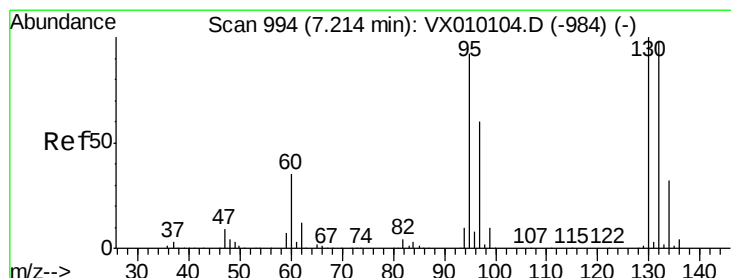
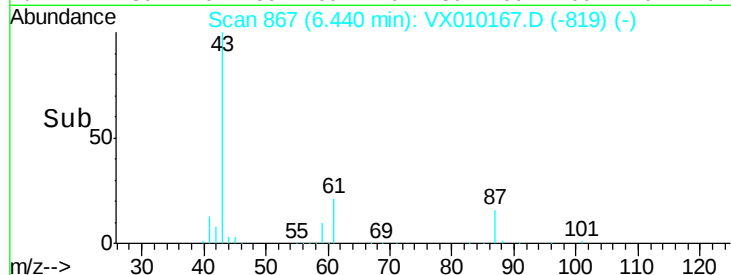
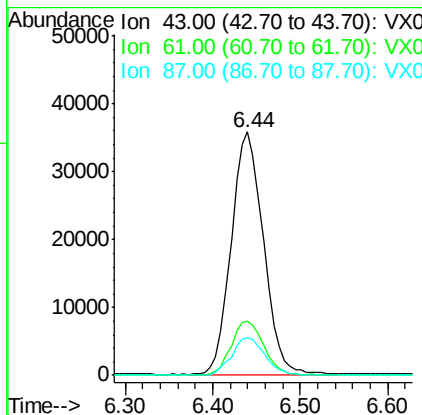
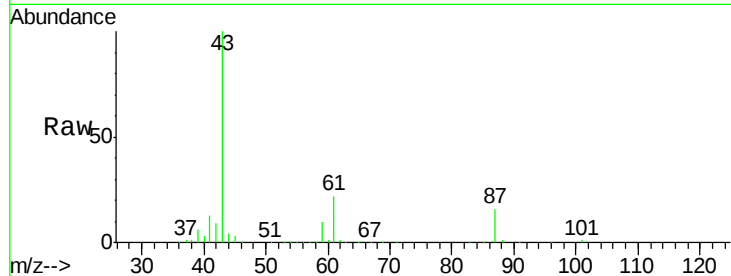
Isopropyl Acetate
 Concen: 15.944 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	43	61	87
Resp	91758		
Ratio	100	22.8	16.2
Lower		14.6	8.7
Upper		21.8#	13.1#

Manual Integrations
 APPROVED

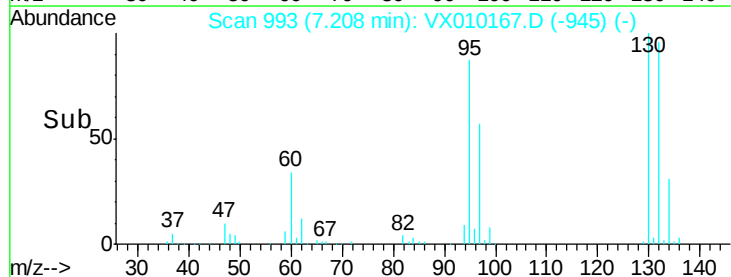
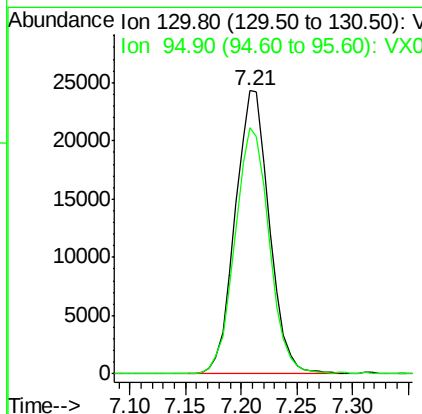
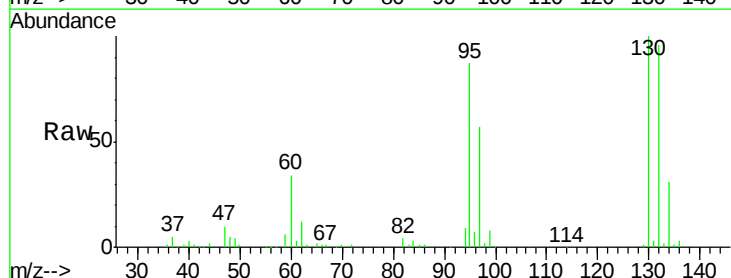
MMDadoda
 6/11/2019 11:54:18 AM

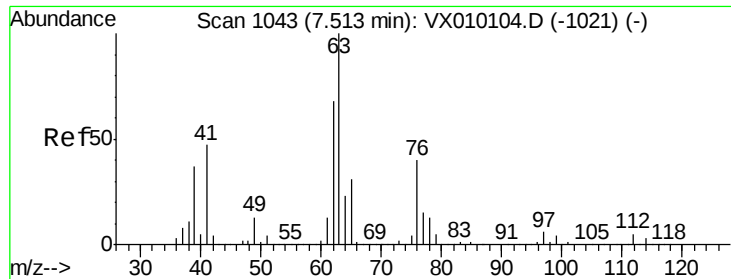


#44

Trichloroethene
 Concen: 16.779 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Tgt Ion	130	95
Resp	51737	
Ratio	100	86.6
Lower		0.0
Upper		207.4





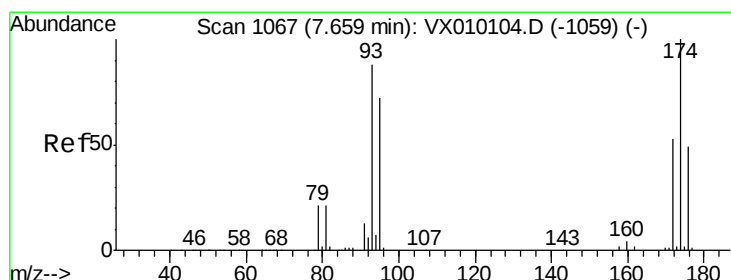
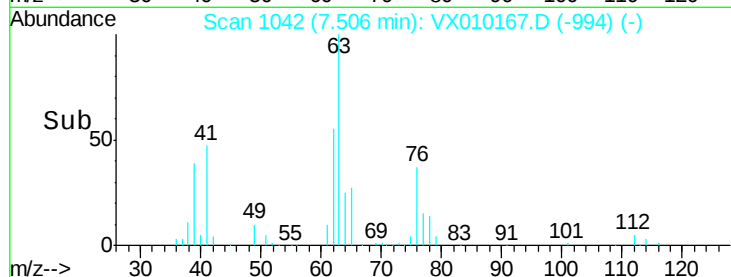
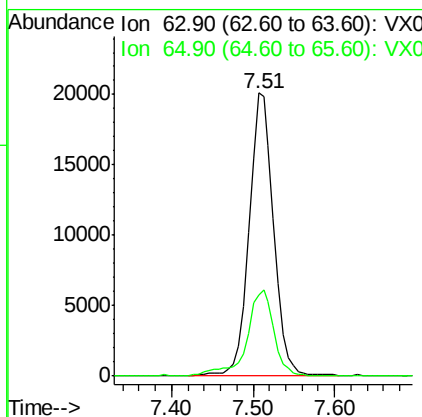
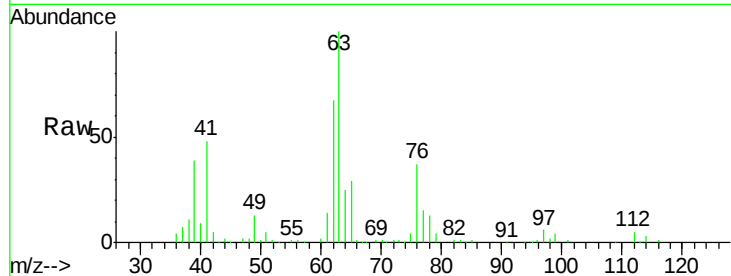
#45
 1,2-Dichloropropane
 Concen: 16.526 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0610WBS01

Tot Ion: 63 Resp: 42312
 Ion Ratio Lower Upper
 63 100
 65 28.8 25.7 38.5

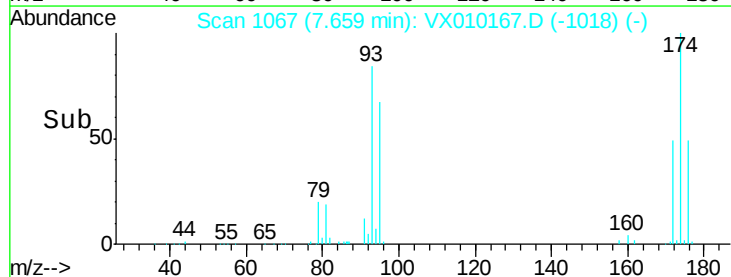
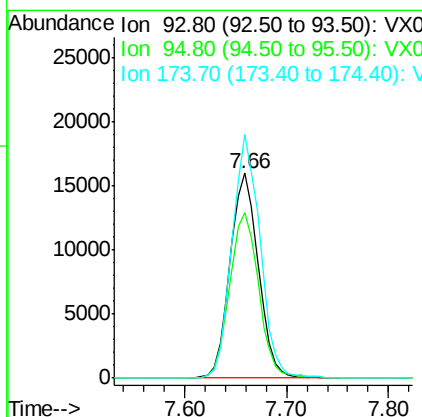
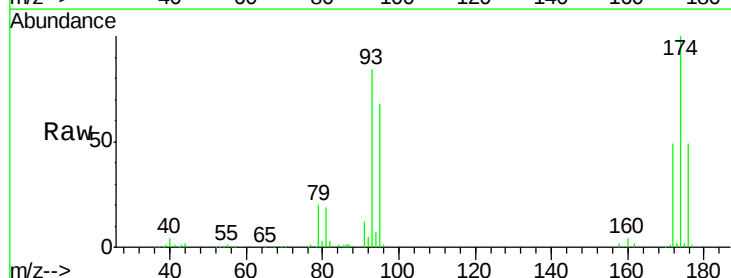
Manual Integrations
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#46
 Dibromomethane
 Concen: 15.997 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Tgt Ion: 93 Resp: 30685
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 117.9 81.9 122.9





#47

Bromodichloromethane

Concen: 16.069 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

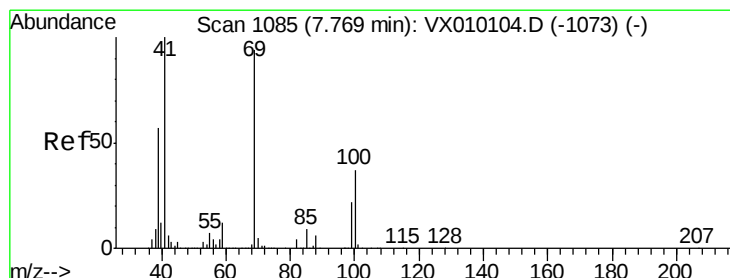
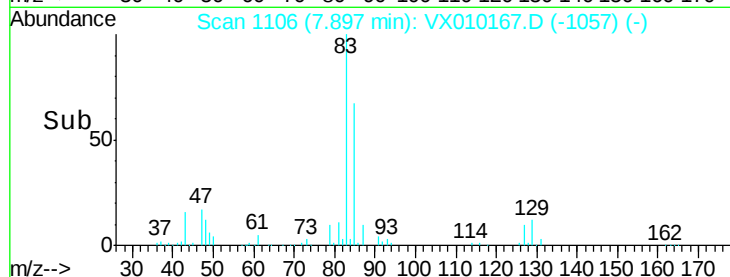
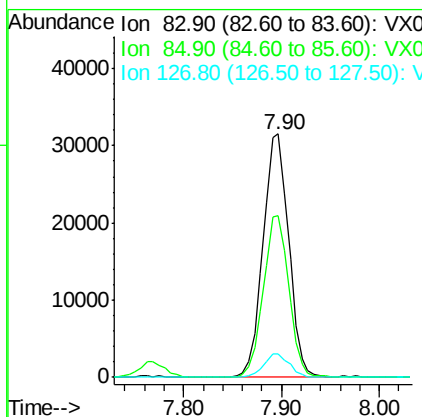
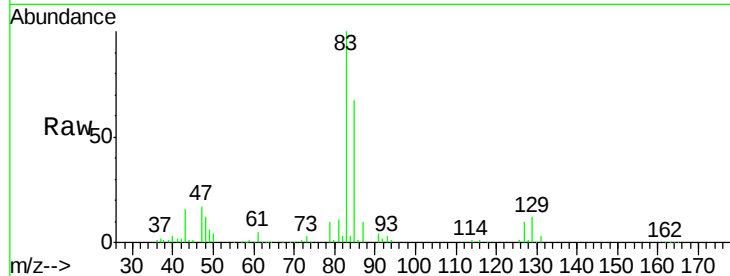
ClientSampleId :

VX0610WBS01

Tot Ion:	83	Resp:	57597
Ion Ratio	Lower	Upper	
83	100		
85	66.3	51.4	77.2
127	9.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 15.818 ug/l

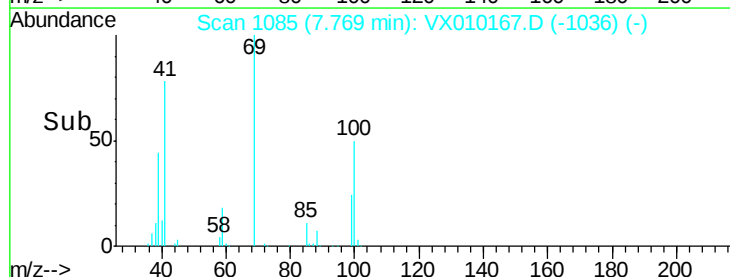
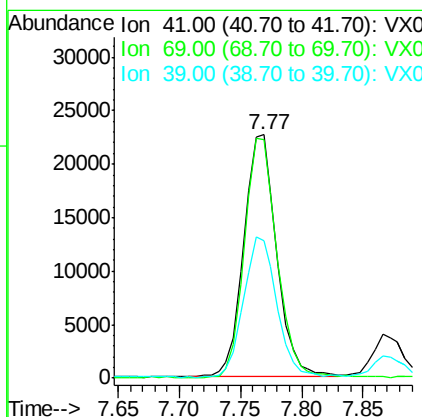
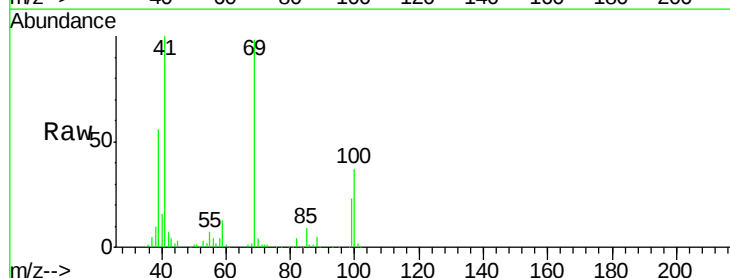
RT: 7.77 min Scan# 1085

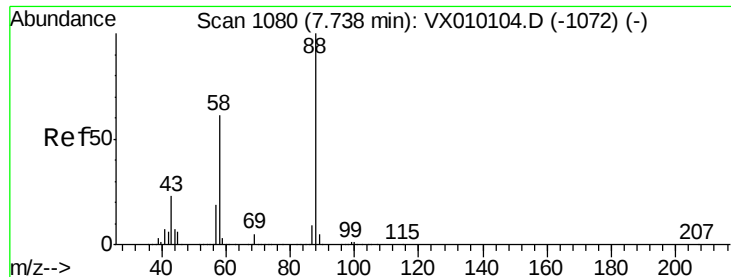
Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion:	41	Resp:	42573
Ion Ratio	Lower	Upper	
41	100		
69	99.3	56.4	84.6#
39	58.2	40.6	60.8





#49

1,4-Dioxane

Concen: 341.009 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

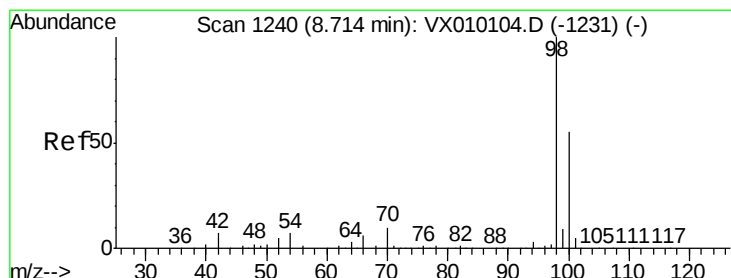
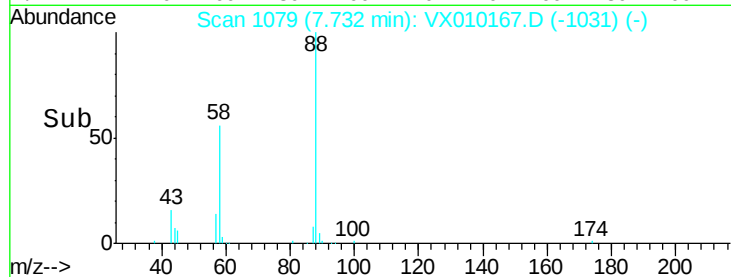
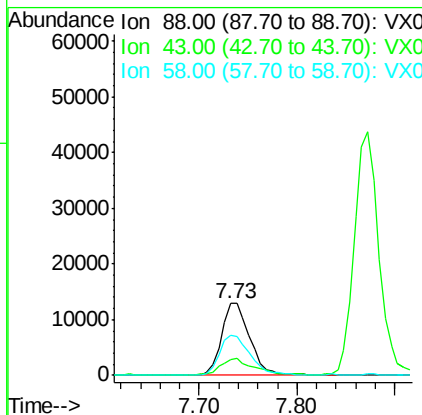
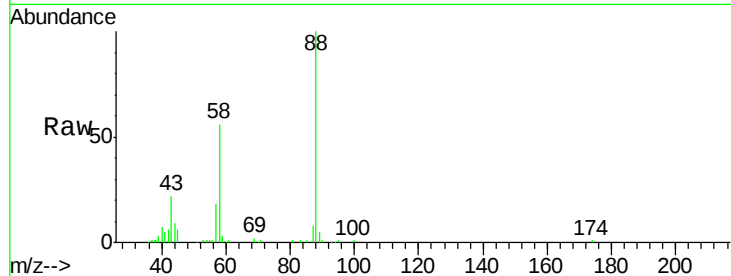
ClientSampleId :

VX0610WBS01

Tot Ion:	88	Resp:	26168
Ion	Ratio	Lower	Upper
88	100		
43	25.5	30.2	45.4#
58	60.4	64.0	96.0#

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#50

Toluene-d8

Concen: 48.259 ug/l

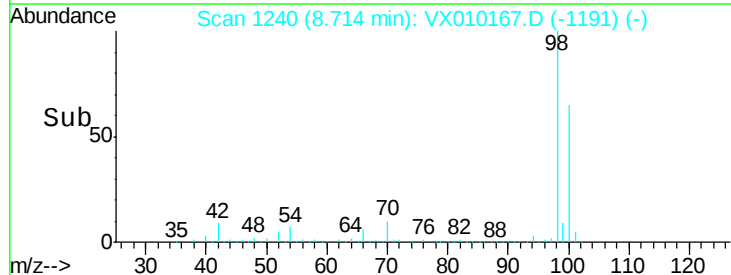
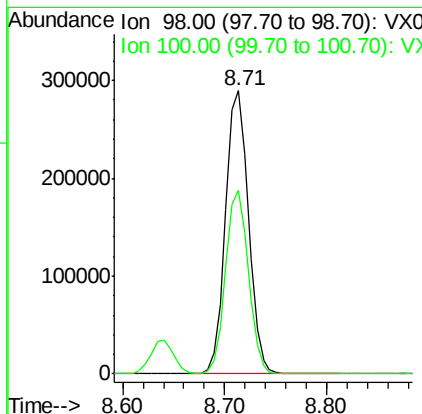
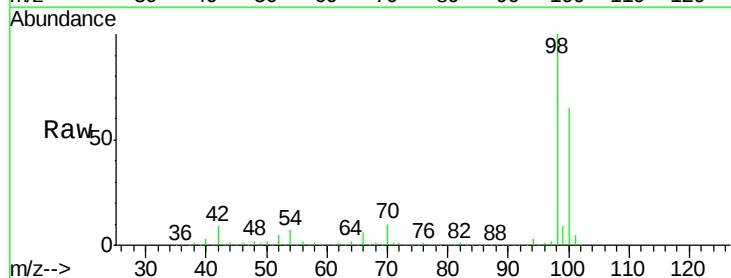
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion:	98	Resp:	452375
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 82.126 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 43 Resp: 282354

Ion Ratio Lower Upper

43 100

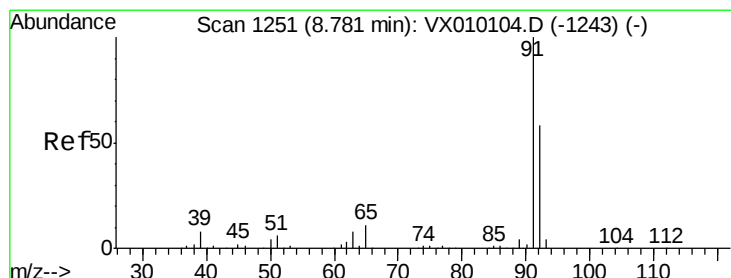
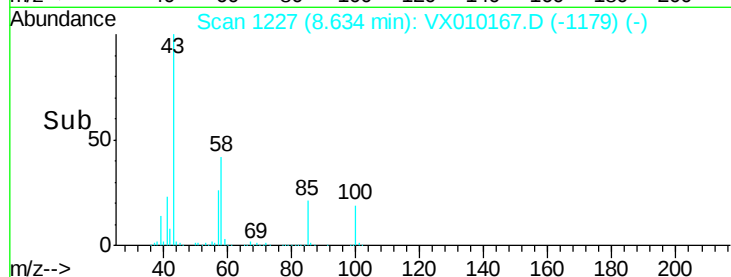
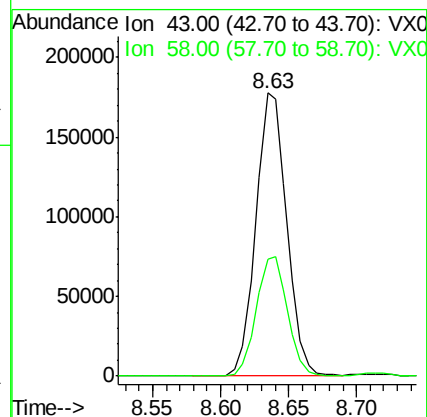
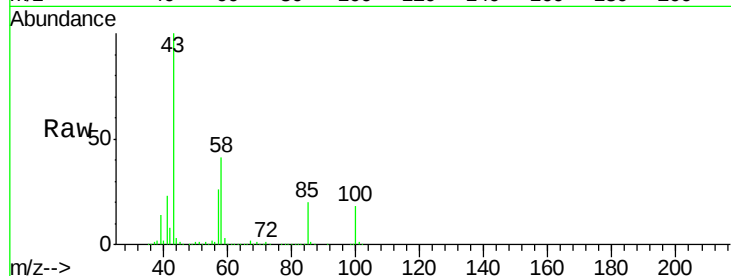
58 42.7 28.8 43.2

Manual Integrations

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#52

Toluene

Concen: 16.429 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX010167.D

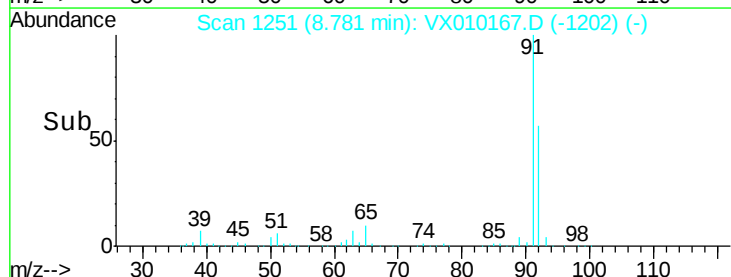
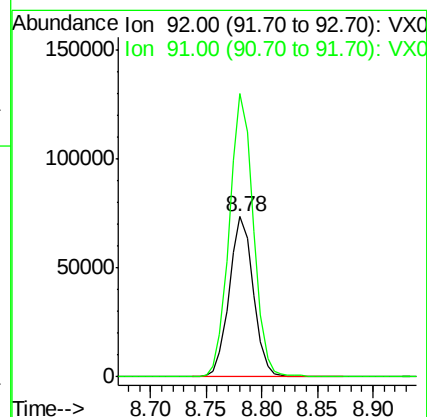
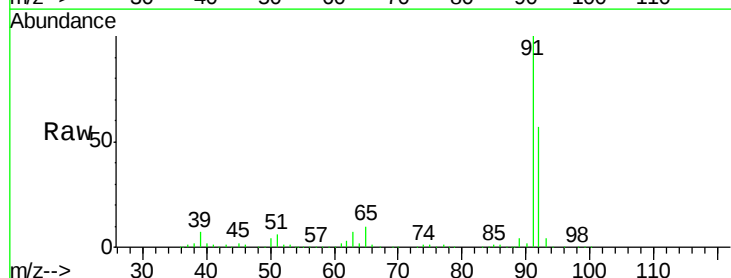
Acq: 10 Jun 2019 11:05

Tgt Ion: 92 Resp: 110475

Ion Ratio Lower Upper

92 100

91 176.2 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 15.794 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0610WBS01

Tot Ion: 75 Resp: 65480

Ion Ratio Lower Upper

75 100

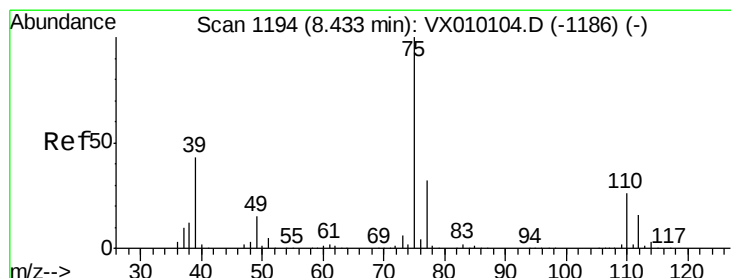
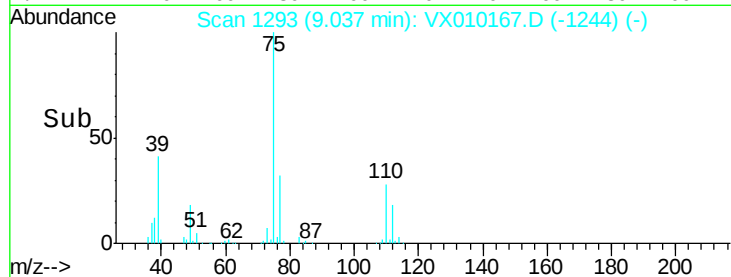
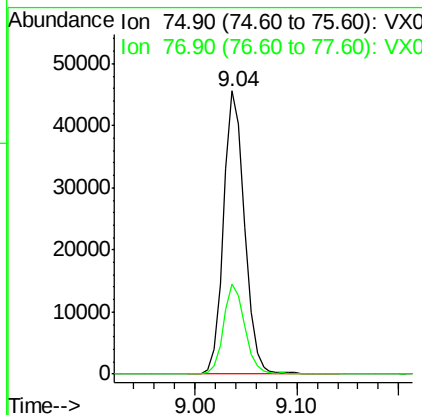
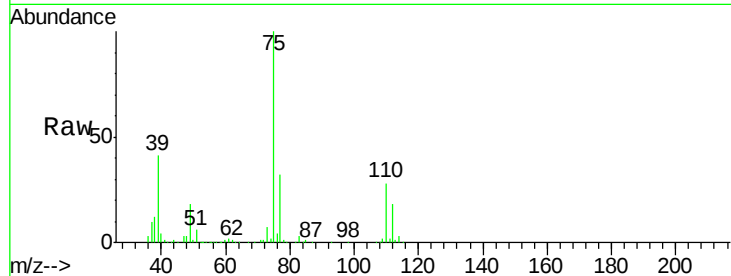
77 31.7 24.6 36.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 16.042 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

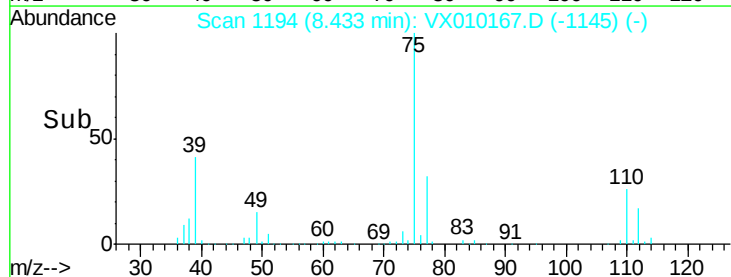
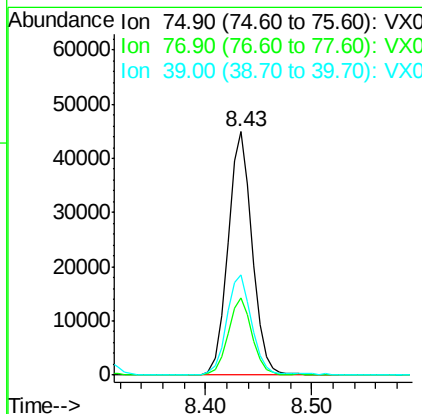
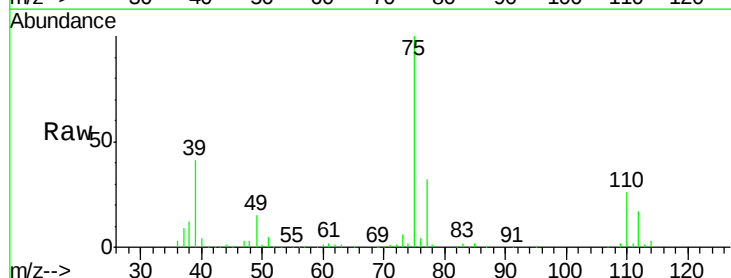
Tgt Ion: 75 Resp: 71301

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 41.2 43.4 65.0#





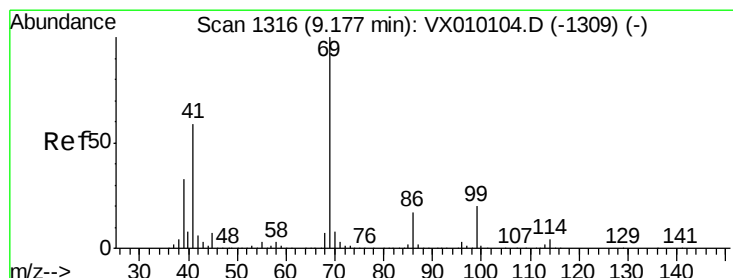
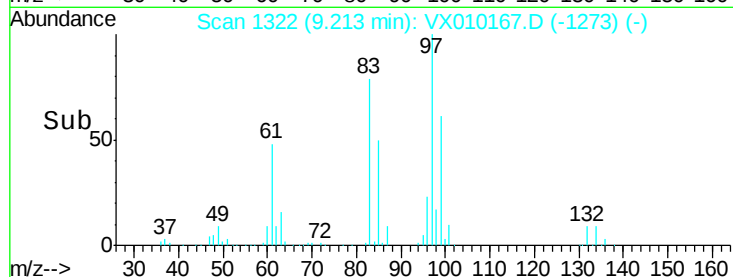
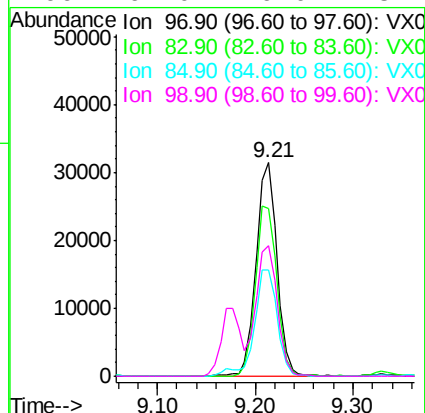
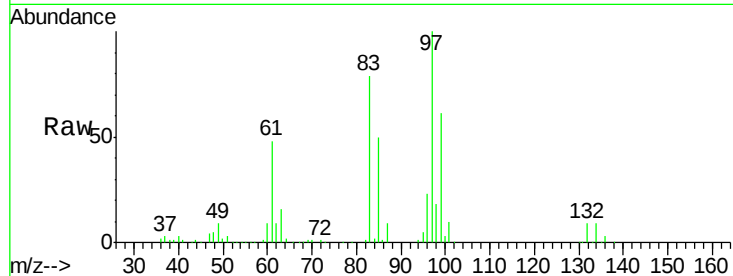
#55
 1,1,2-Trichloroethane
 Concen: 16.964 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion:	97	Resp:	46716
Ion	Ratio	Lower	Upper
97	100		
83	78.7	69.8	104.8
85	50.0	45.3	67.9
99	61.0	49.0	73.4

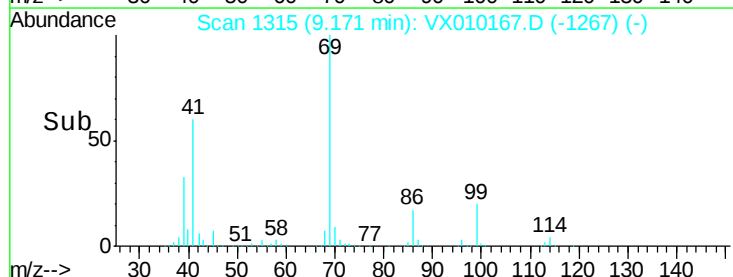
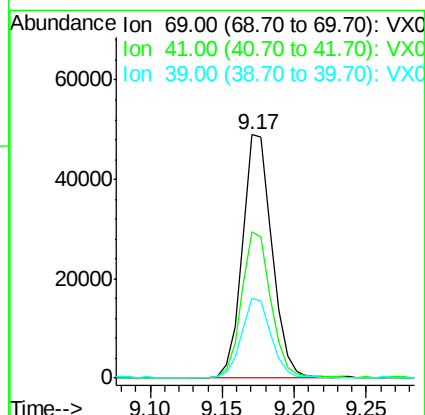
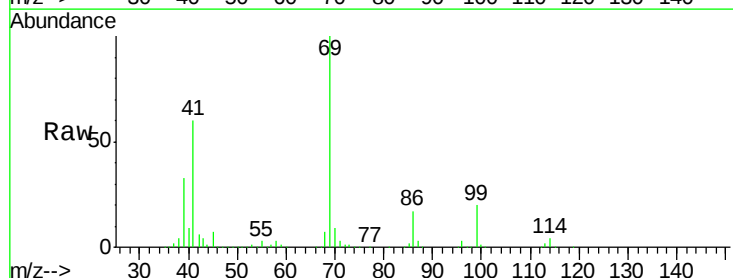
Manual Integrations
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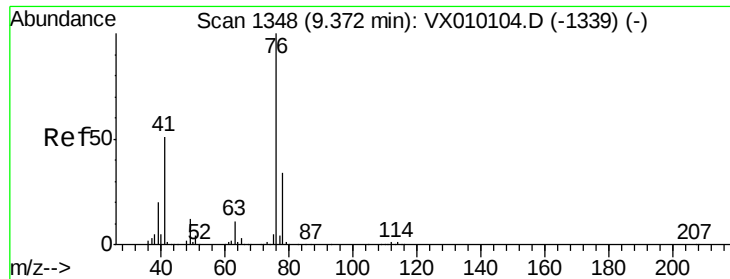
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#56
 Ethyl methacrylate
 Concen: 16.044 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Tgt Ion:	69	Resp:	69793
Ion	Ratio	Lower	Upper
69	100		
41	59.1	62.7	94.1#
39	32.3	29.5	44.3





#57

1,3-Dichloropropane

Concen: 16.227 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0610WBS01

Tot Ion: 76 Resp: 70355

Ion Ratio Lower Upper

76 100

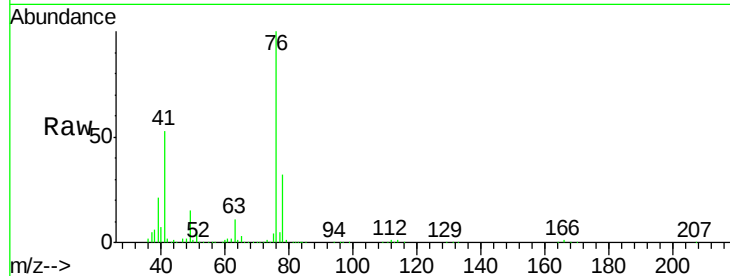
78 33.0 25.4 38.0

Manual Integrations

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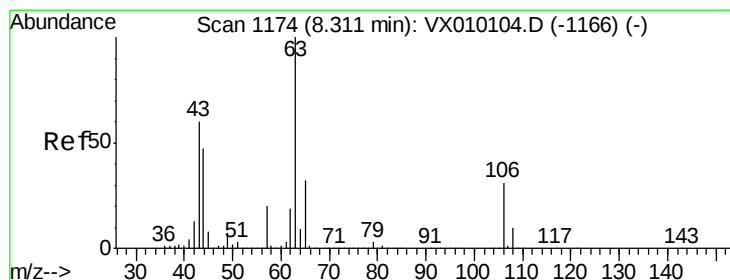
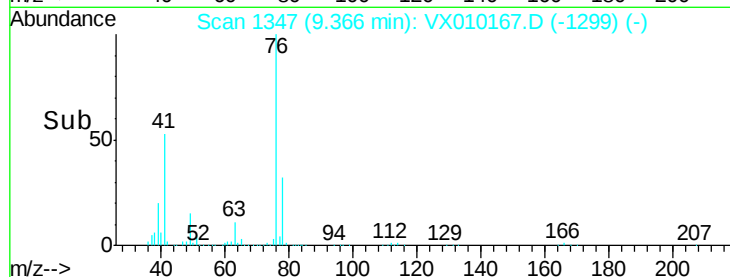
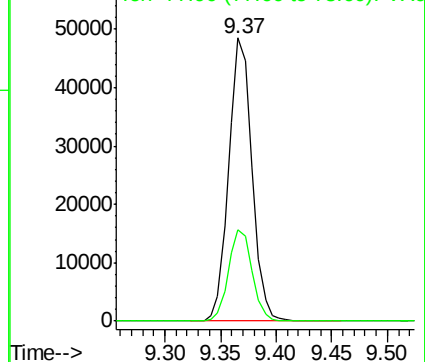
MMDadoda

6/11/2019 11:54:18 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.313 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010167.D

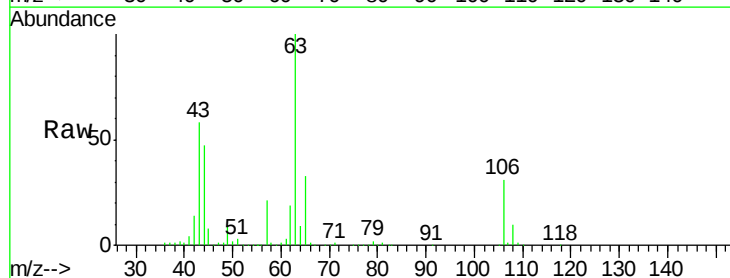
Acq: 10 Jun 2019 11:05

Tgt Ion: 63 Resp: 197517

Ion Ratio Lower Upper

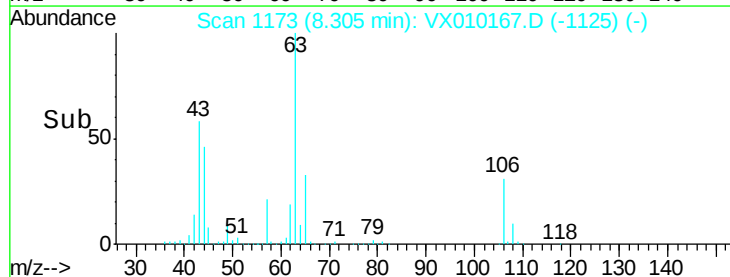
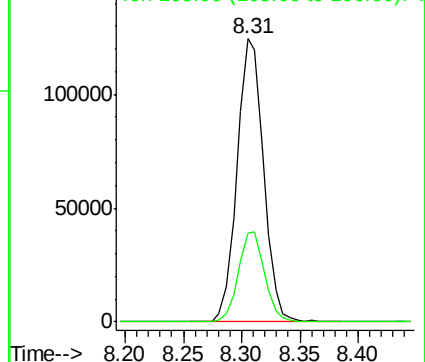
63 100

106 31.5 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





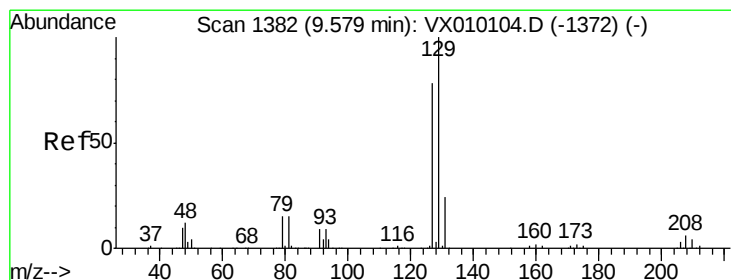
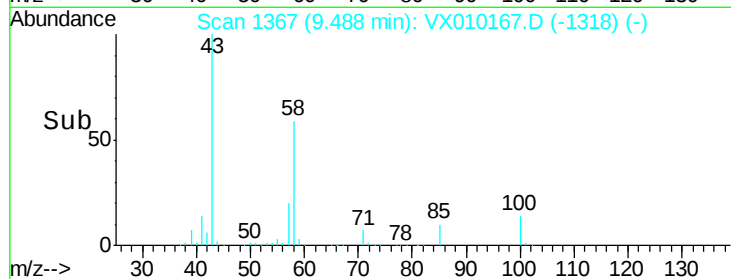
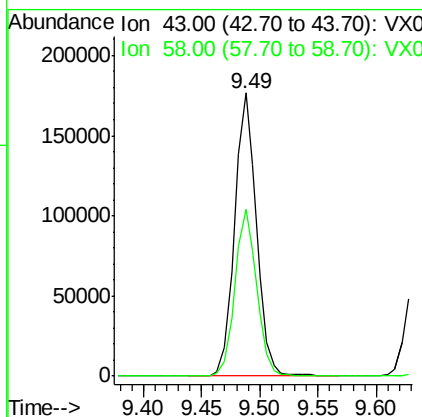
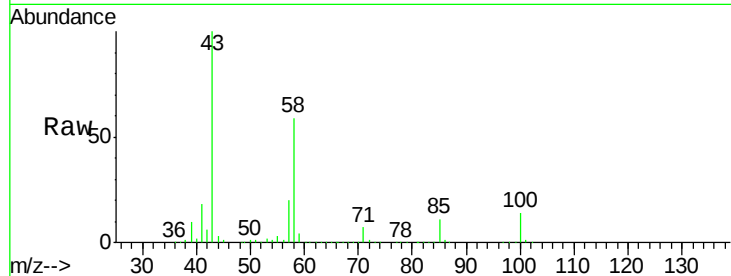
#59
2-Hexanone
Concen: 83.713 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion: 43 Resp: 229474
Ion Ratio Lower Upper
43 100
58 59.1 25.1 75.3

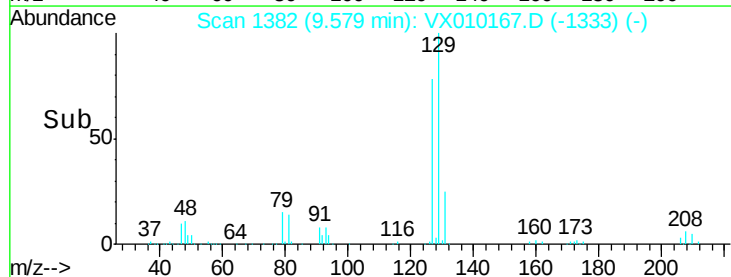
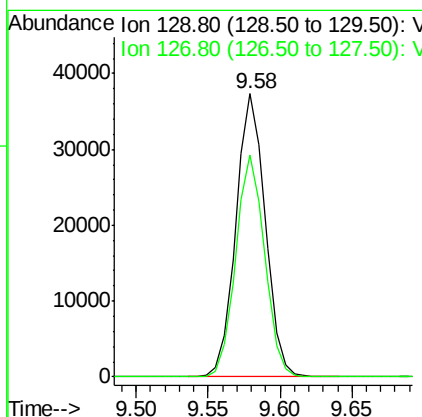
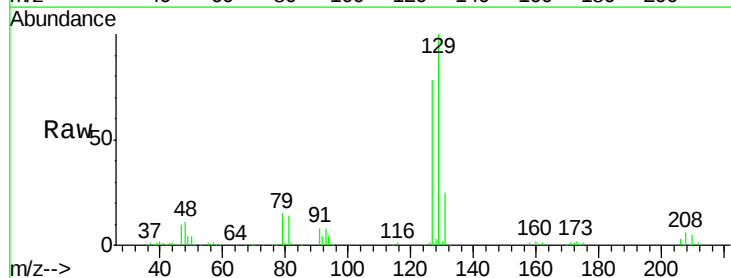
Manual Integrations
APPROVED

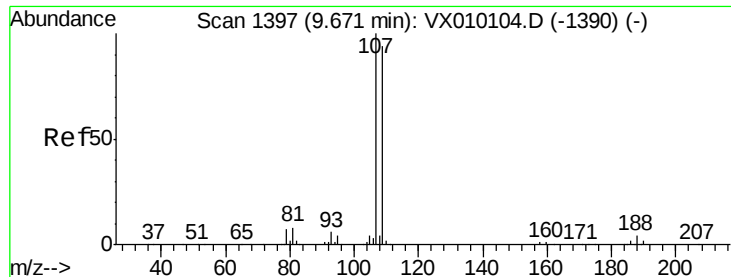
MMDadoda
6/11/2019 11:54:18 AM



#60
Dibromochloromethane
Concen: 16.277 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion: 129 Resp: 53019
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 16.341 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion:107 Resp: 50119

Ion Ratio Lower Upper

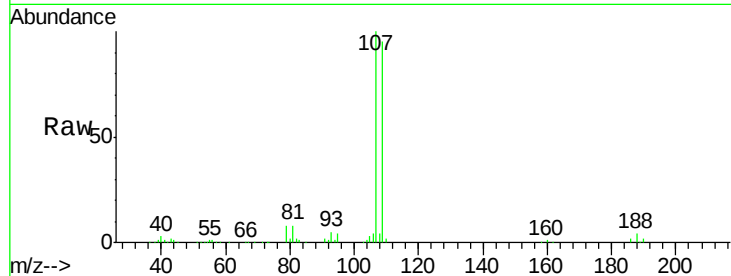
107 100

109 94.7 75.4 113.2

Manual Integrations
APPROVED

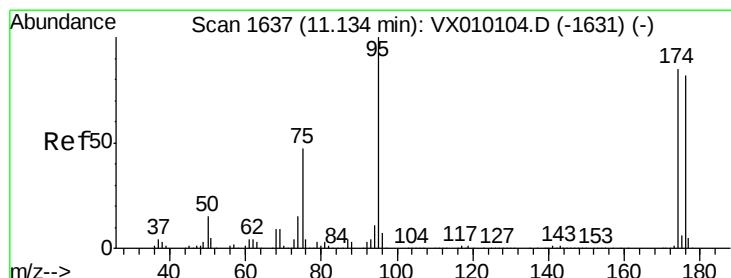
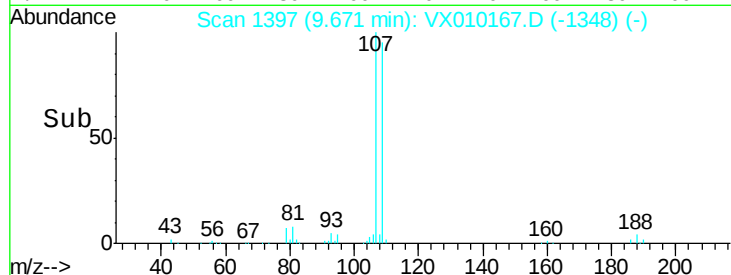
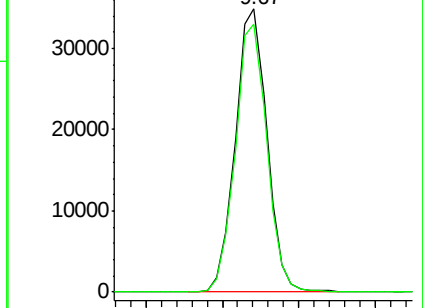
MMDadoda

6/11/2019 11:54:18 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.494 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

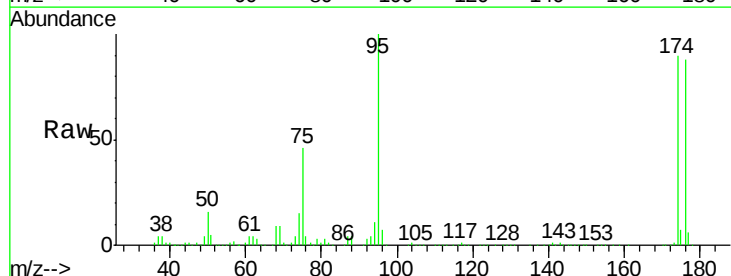
Tgt Ion: 95 Resp: 166266

Ion Ratio Lower Upper

95 100

174 93.0 0.0 160.4

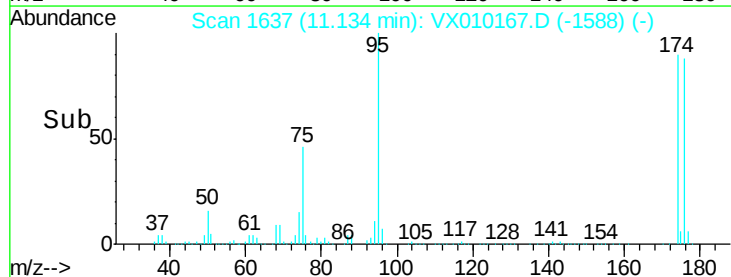
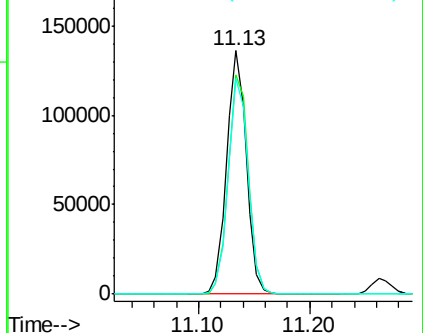
176 90.0 0.0 154.6

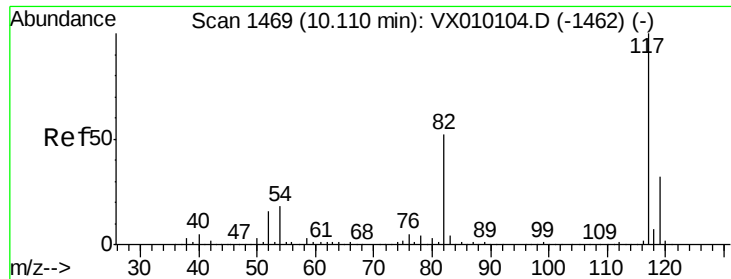


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





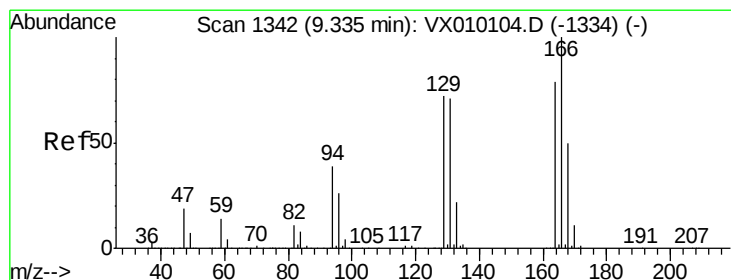
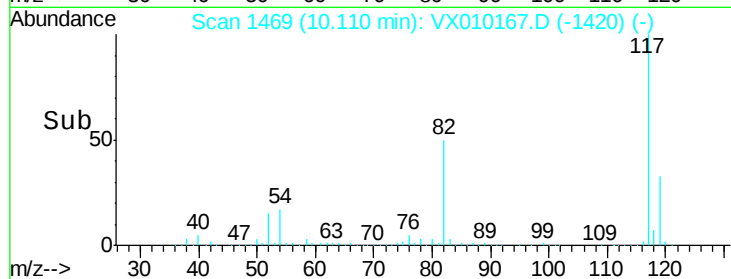
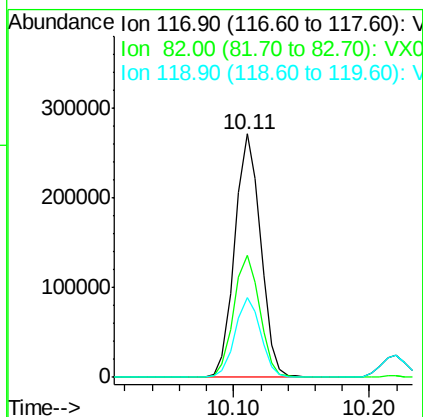
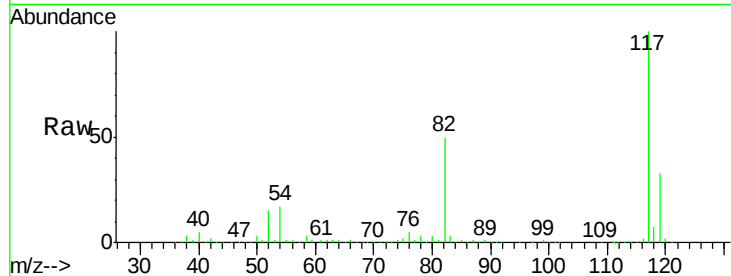
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	49.2	73.8
119	32.7	25.2	37.8

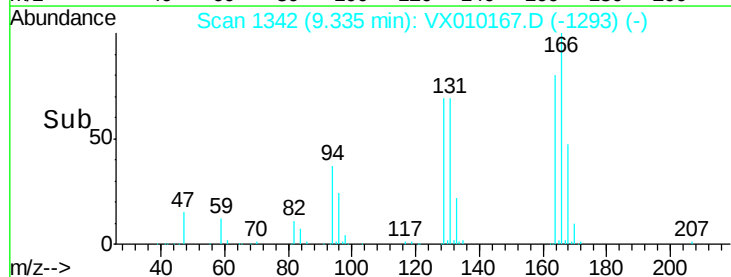
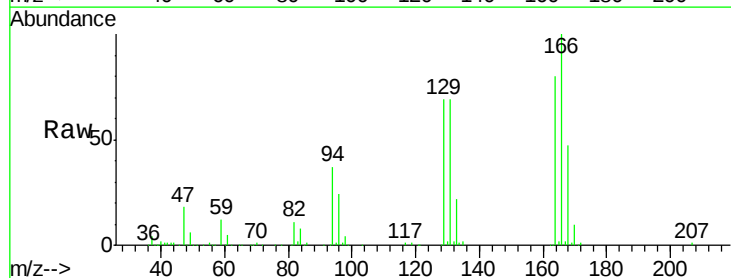
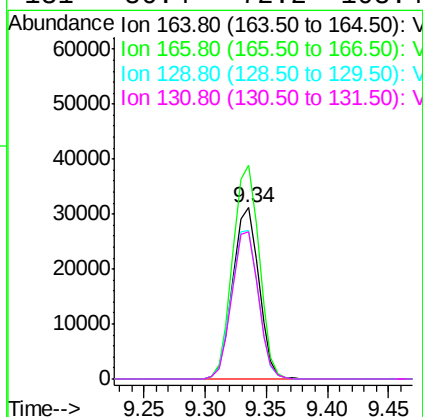
Manual Integrations
APPROVED

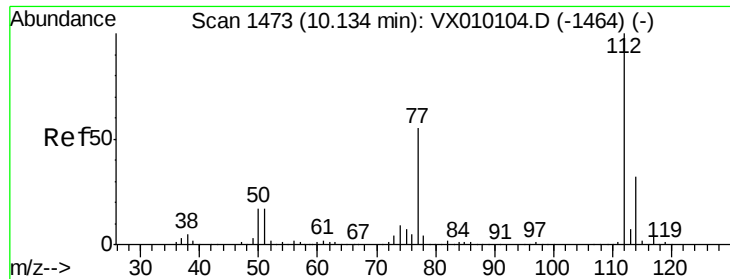
MMDadoda
6/11/2019 11:54:18 AM



#64
Tetrachloroethene
Concen: 17.165 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	105.0	157.4
129	86.6	75.1	112.7
131	86.4	72.2	108.4





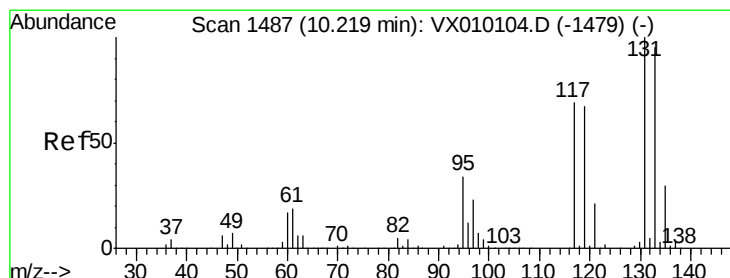
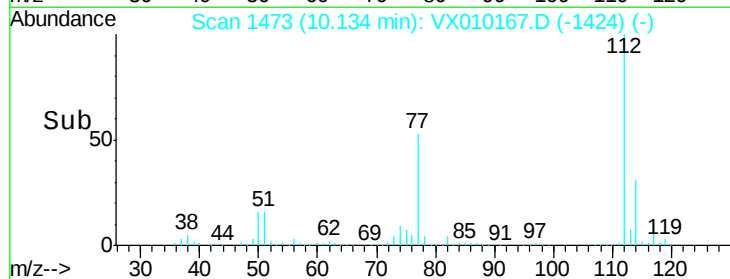
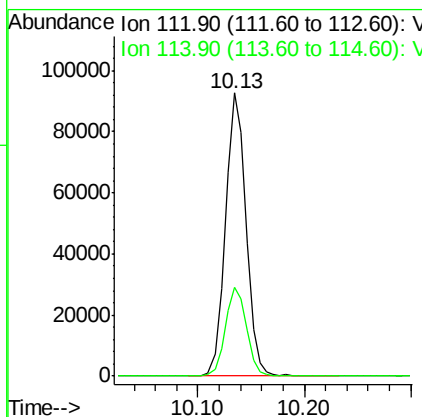
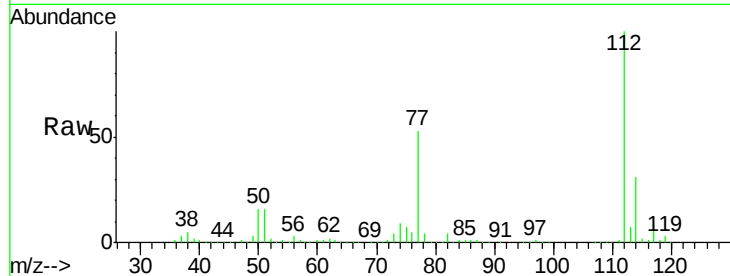
#65
Chlorobenzene
Concen: 16.861 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion:112 Resp: 125694
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

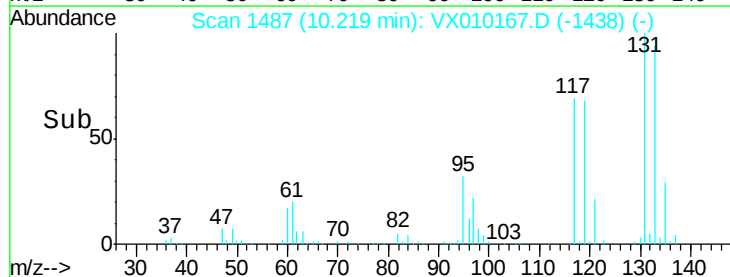
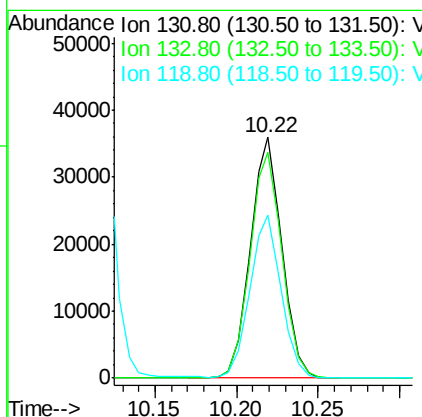
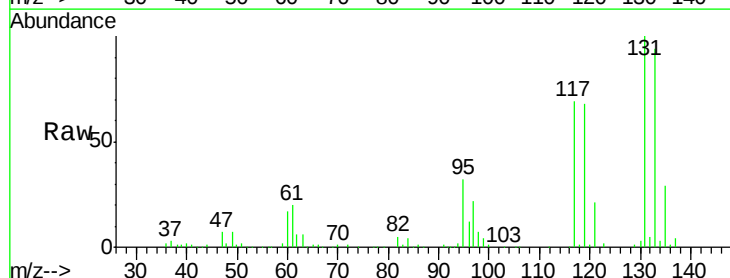
Manual Integrations
APPROVED

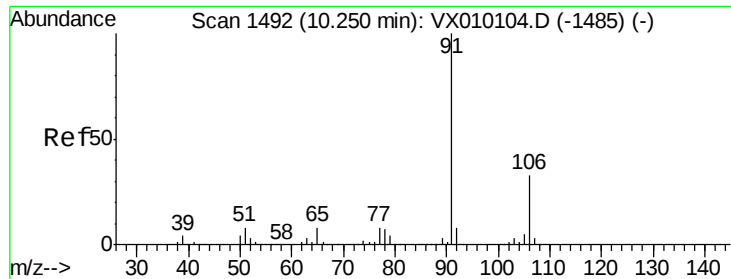
MMDadoda
6/11/2019 11:54:18 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 16.788 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion:131 Resp: 48127
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 67.6 33.4 100.1





#67

Ethyl Benzene

Concen: 16.955 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 91 Resp: 215169

Ion Ratio Lower Upper

91 100

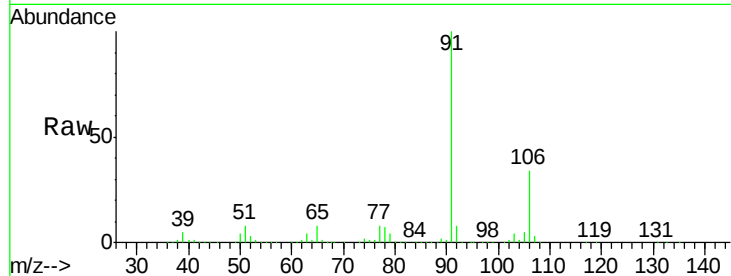
106 34.2 23.9 35.9

Manual Integrations

APPROVED

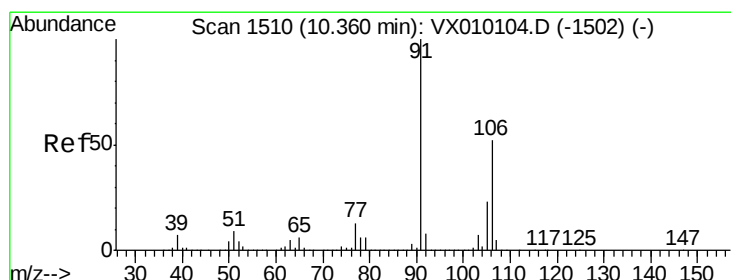
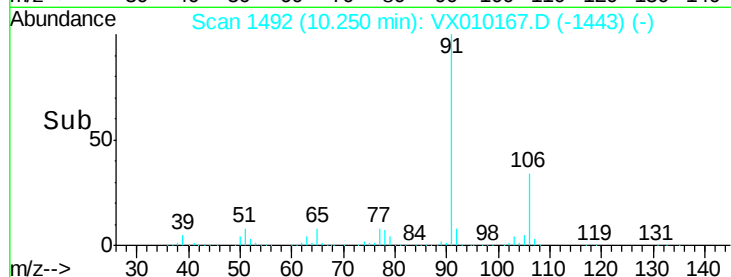
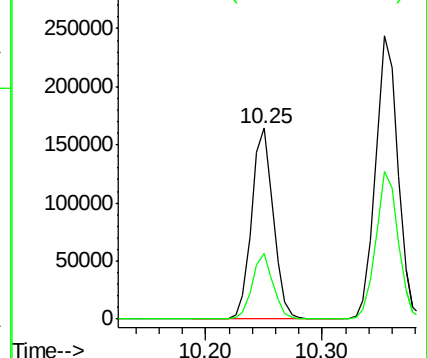
MMDadoda

6/11/2019 11:54:18 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 34.608 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010167.D

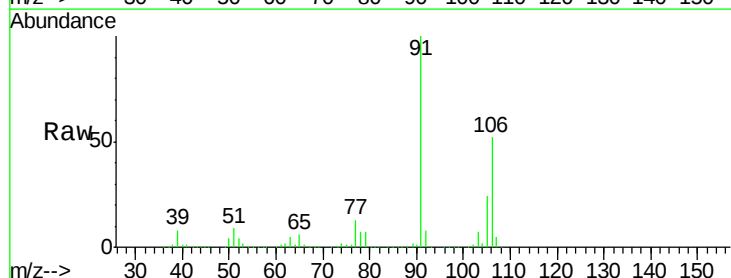
Acq: 10 Jun 2019 11:05

Tgt Ion: 106 Resp: 169957

Ion Ratio Lower Upper

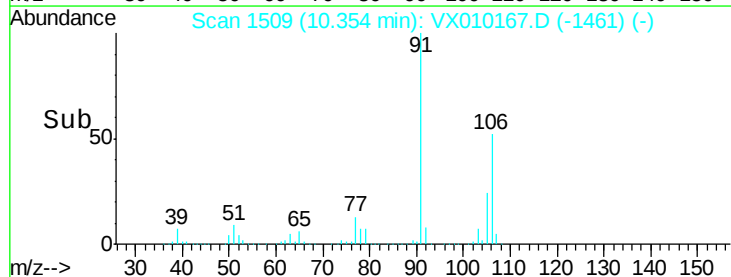
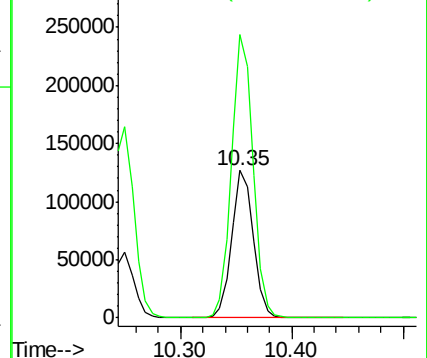
106 100

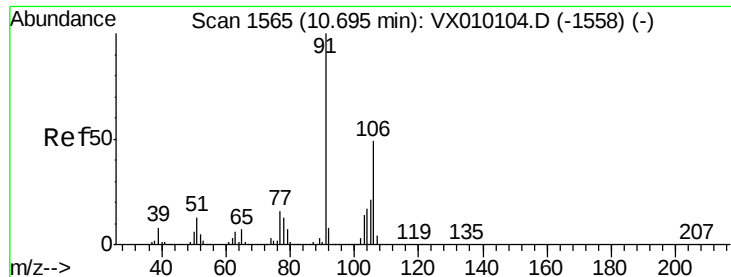
91 191.5 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





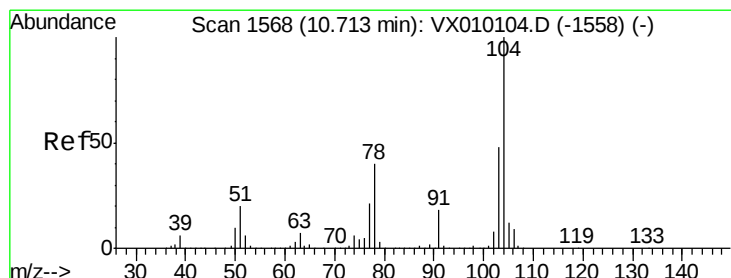
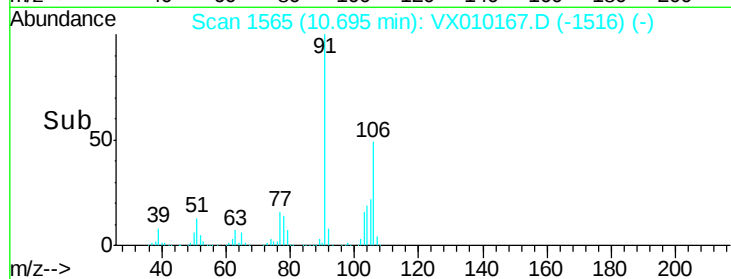
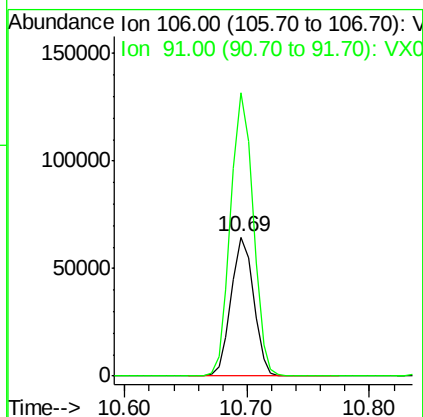
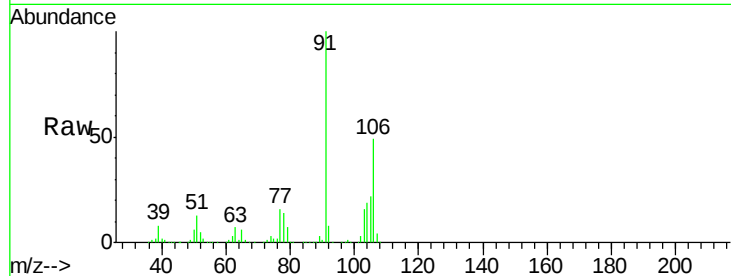
#69
o-Xylene
Concen: 16.867 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0610WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	82338		
91	91	204.8		110.4	331.2

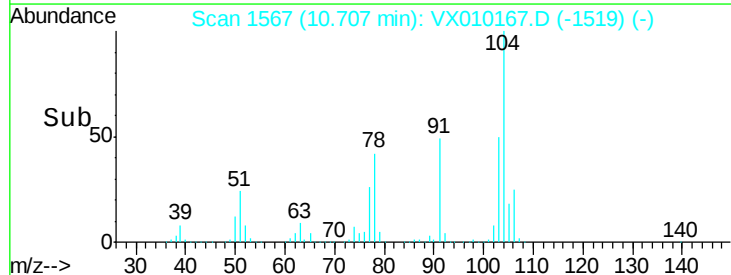
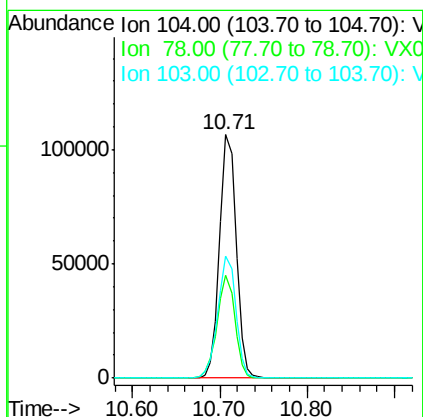
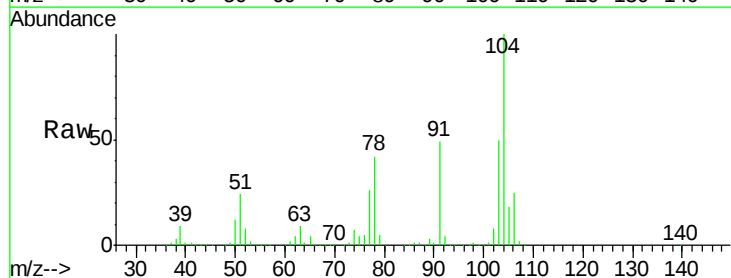
Manual Integrations
APPROVED

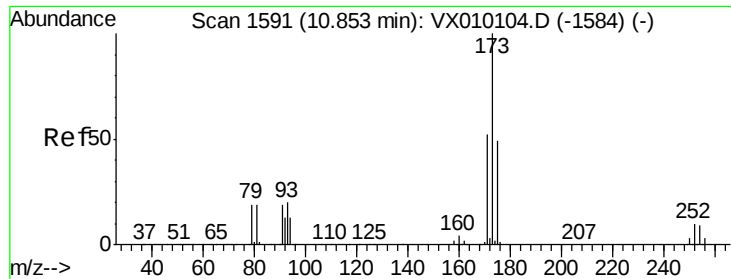
MMDadoda
6/11/2019 11:54:18 AM



#70
Styrene
Concen: 17.030 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	140804		
78	78	45.2		42.1	63.1
103	103	54.1		44.1	66.1





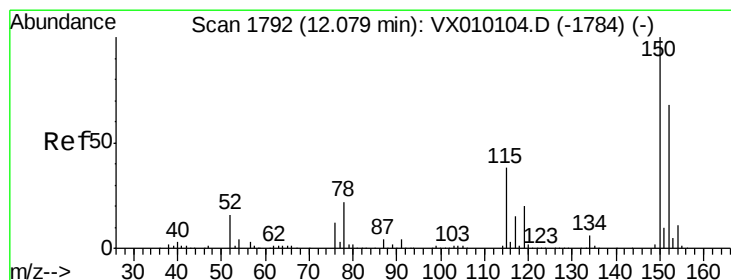
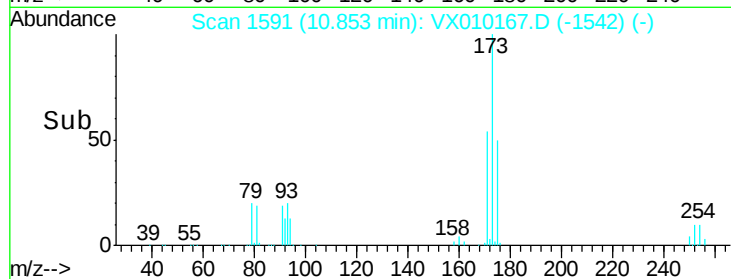
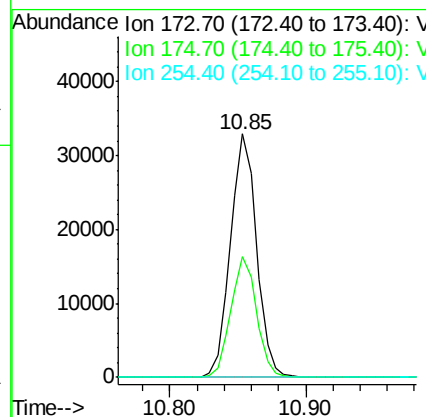
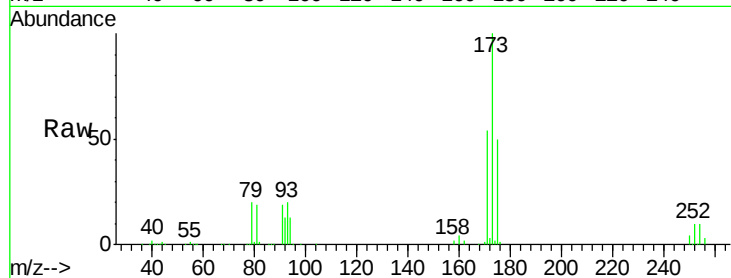
#71
Bromoform
Concen: 16.647 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	25.0	75.0
254	0.0	0.2	0.2

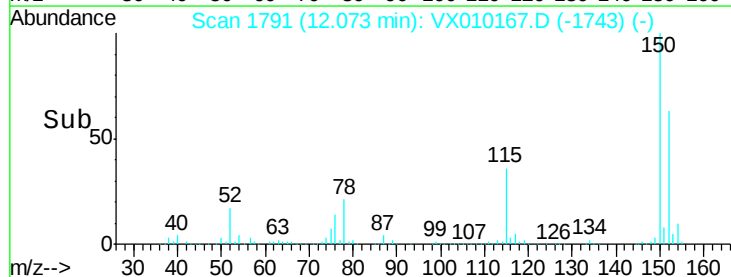
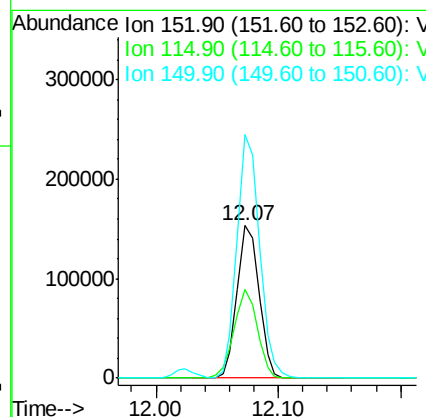
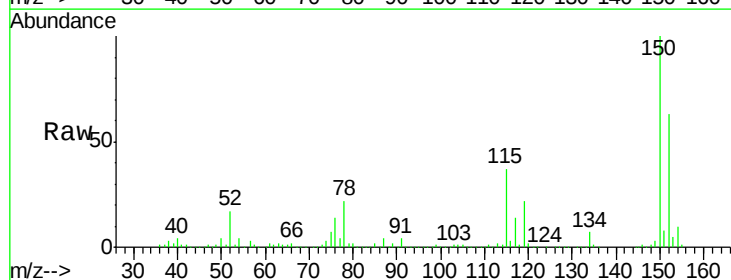
Manual Integrations
APPROVED

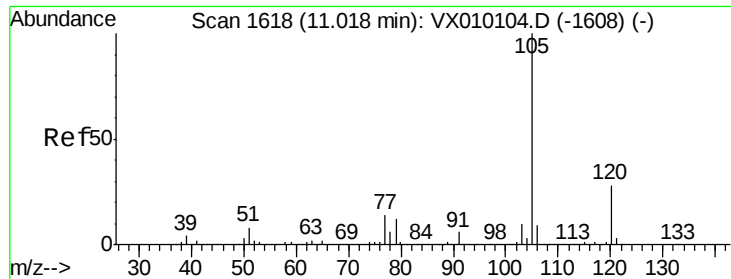
MMDadoda
6/11/2019 11:54:18 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	41.4	124.2
150	163.1	0.0	345.2





#73

Isopropylbenzene

Concen: 16.443 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 105 Resp: 219616

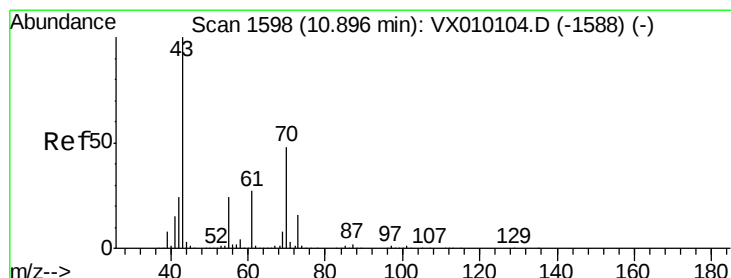
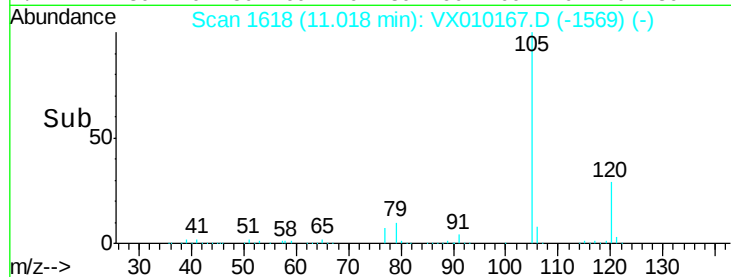
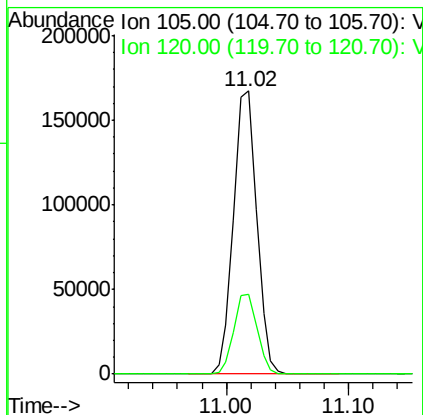
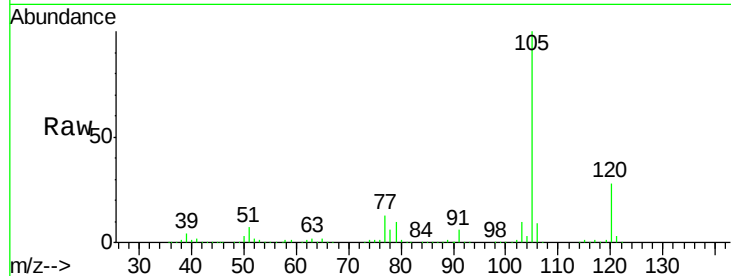
Ion Ratio Lower Upper

105 100

120 28.1 12.8 38.4

Manual Integrations
APPROVED

MMDadoda
6/11/2019 11:54:18 AM



#74

N-ethyl acetate

Concen: 15.936 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion: 43 Resp: 84134

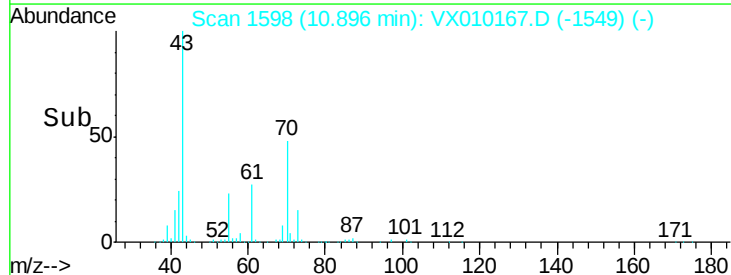
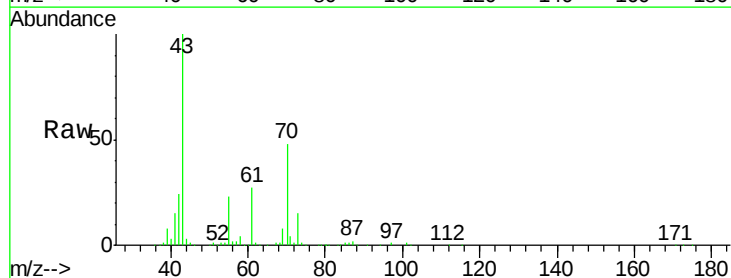
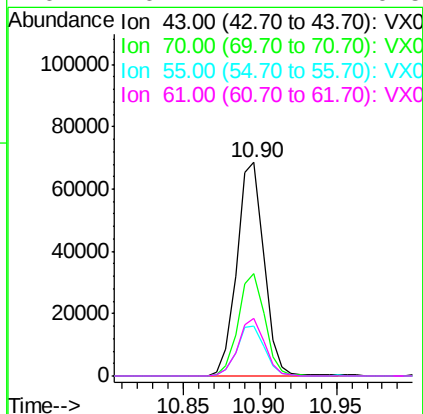
Ion Ratio Lower Upper

43 100

70 47.5 28.6 43.0#

55 23.9 17.8 26.8

61 26.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 15.750 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

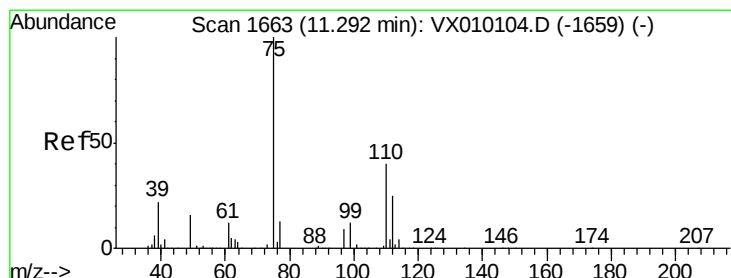
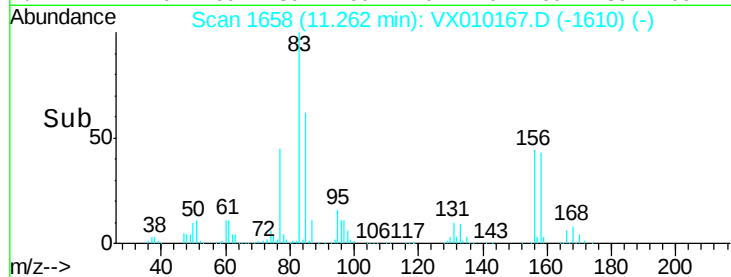
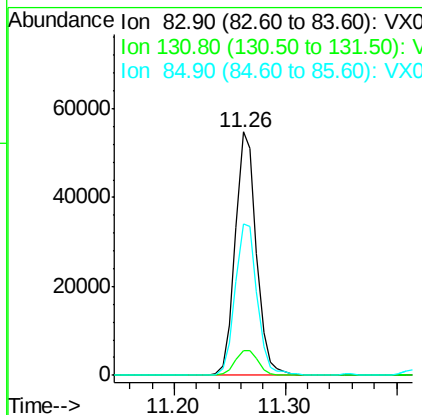
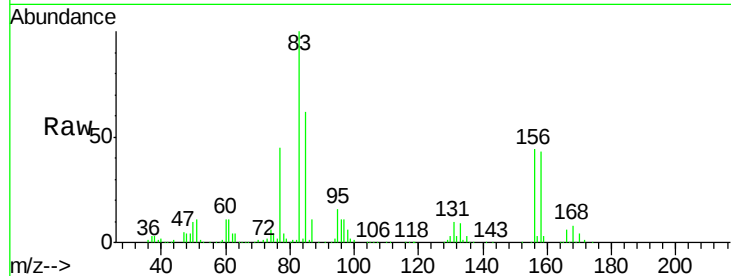
ClientSampled :

VX0610WBS01

Tot Ion:	83	Resp:	72007
Ion Ratio	Lower	Upper	
83	100		
131	11.0	4.7	14.1
85	65.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 15.800 ug/l m

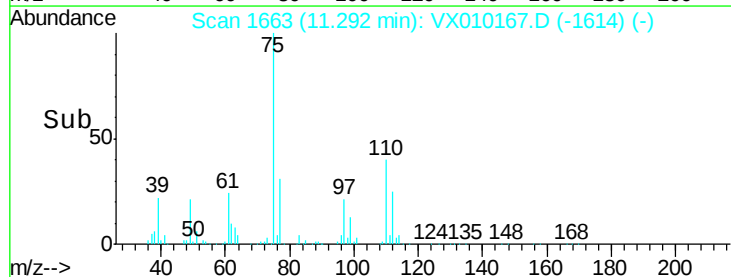
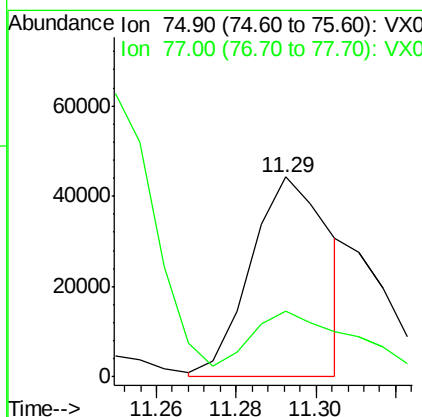
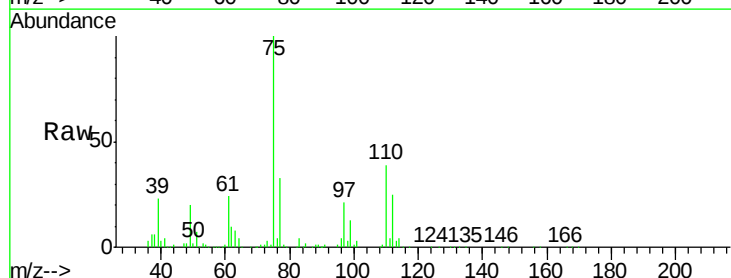
RT: 11.29 min Scan# 1663

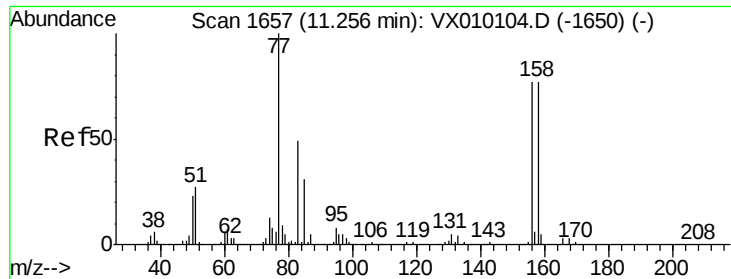
Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion:	75	Resp:	60467
Ion Ratio	Lower	Upper	
75	100		
77	44.6	22.1	66.1





#77

Bromobenzene

Concen: 16.076 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

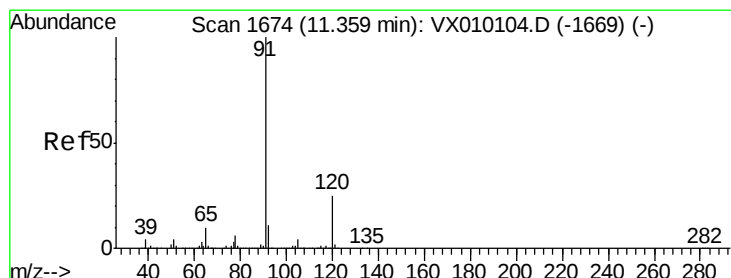
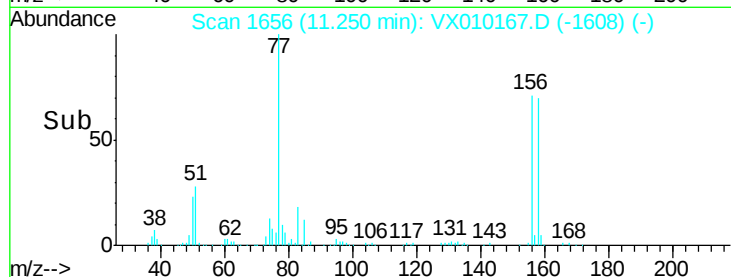
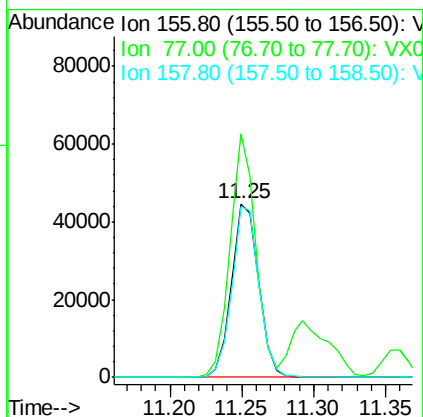
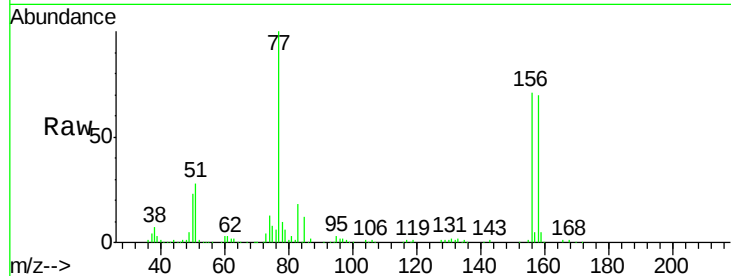
ClientSampleId :

VX0610WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.0	86.8	260.3
158	97.9	49.6	148.8

Manual Integrations
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#78

n-propylbenzene

Concen: 16.401 ug/l

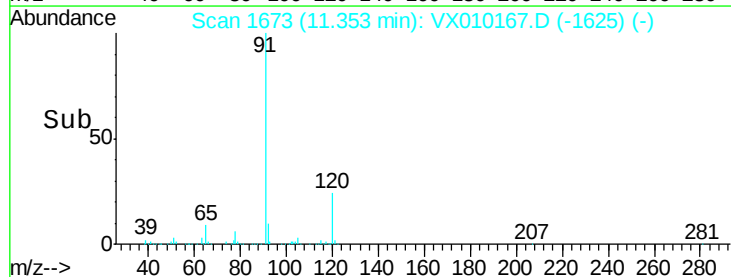
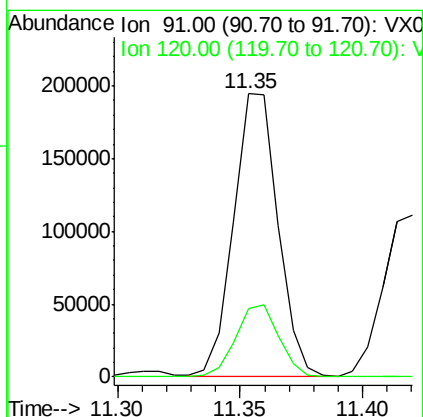
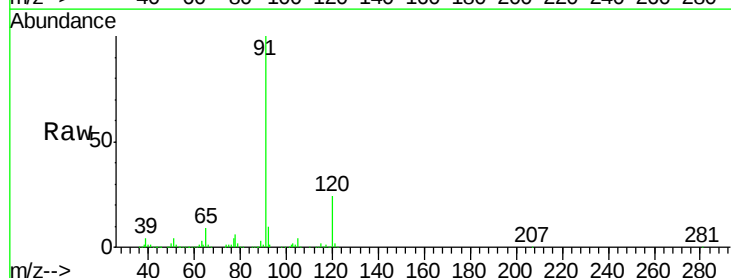
RT: 11.35 min Scan# 1673

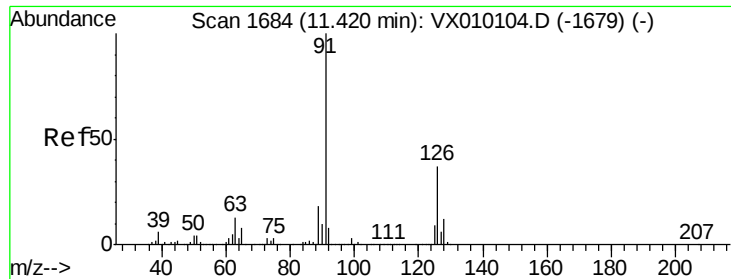
Delta R.T. -0.01 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.1	11.1	33.3





#79

2-Chlorotoluene

Concen: 15.985 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0610WBS01

Tot Ion: 91 Resp: 142755

Ion Ratio Lower Upper

91 100

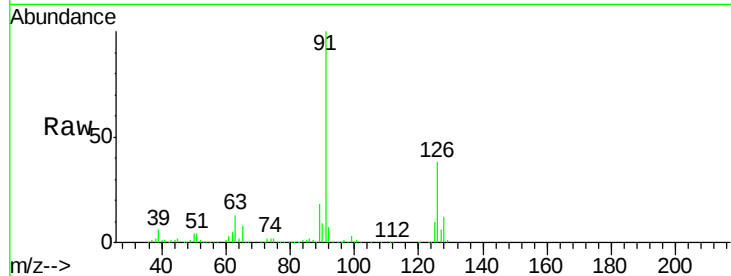
126 37.4 16.1 48.3

Manual Integrations

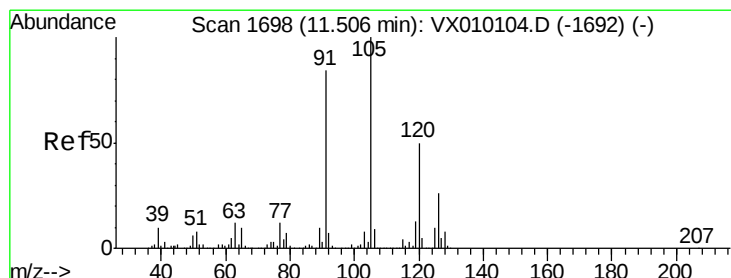
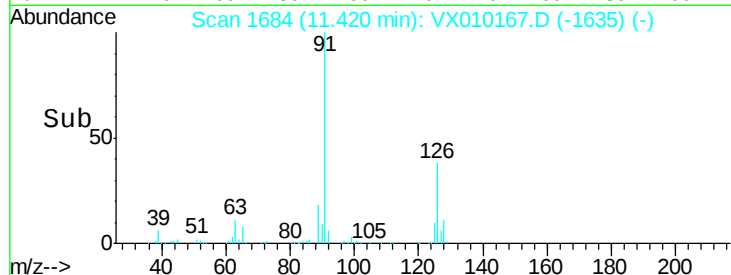
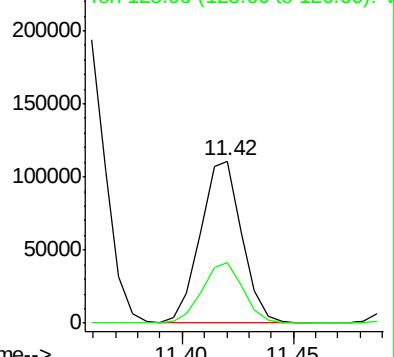
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Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 16.340 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010167.D

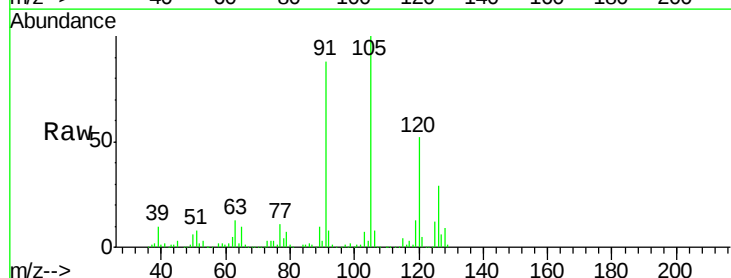
Acq: 10 Jun 2019 11:05

Tgt Ion: 105 Resp: 183817

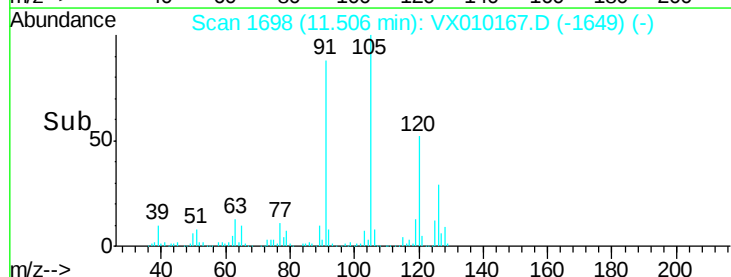
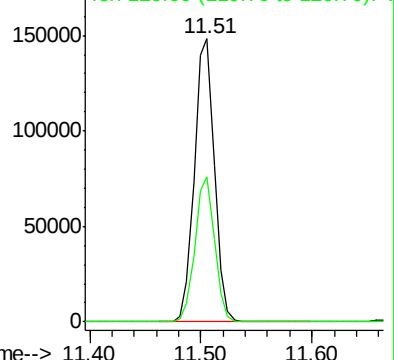
Ion Ratio Lower Upper

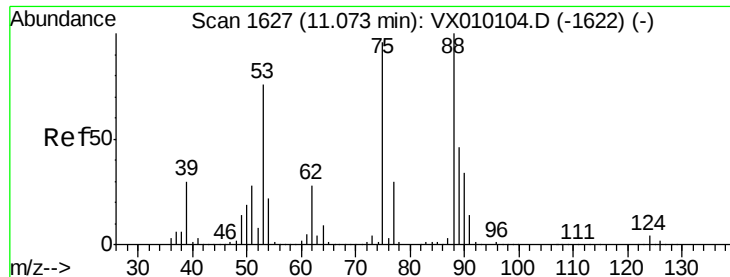
105 100

120 50.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)





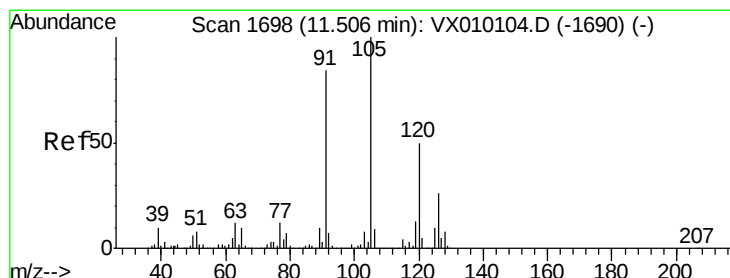
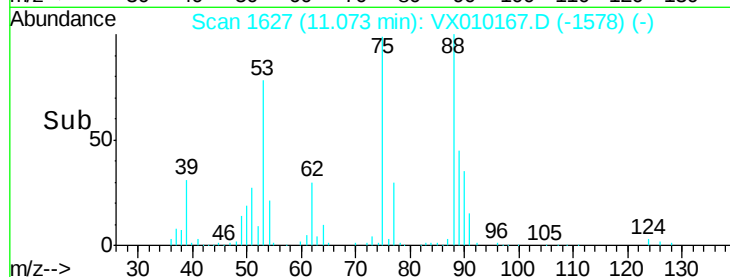
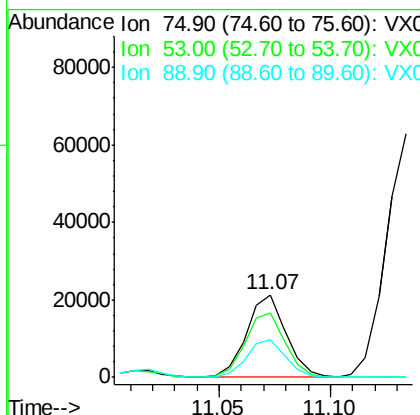
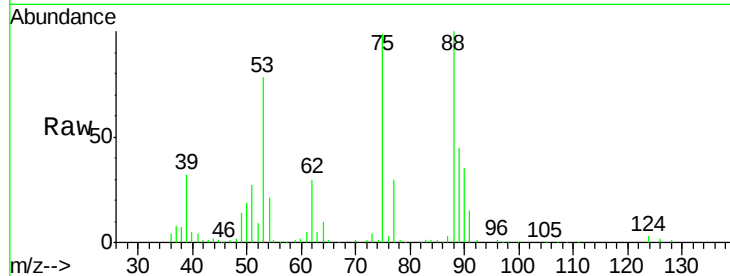
#81
trans-1,4-Dichloro-2-butene
Concen: 15.087 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.5	79.8	119.6
89	46.5	34.2	51.4

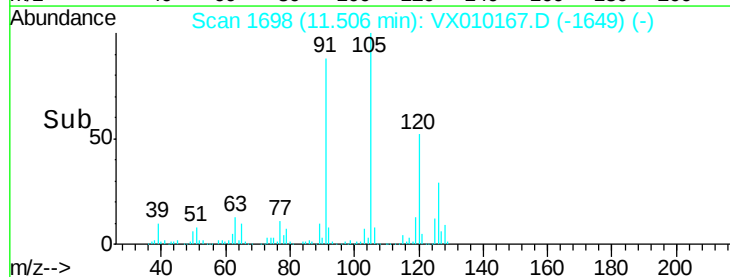
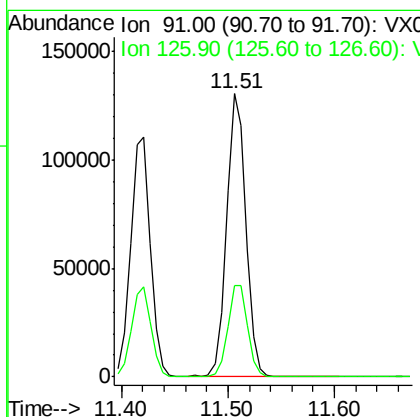
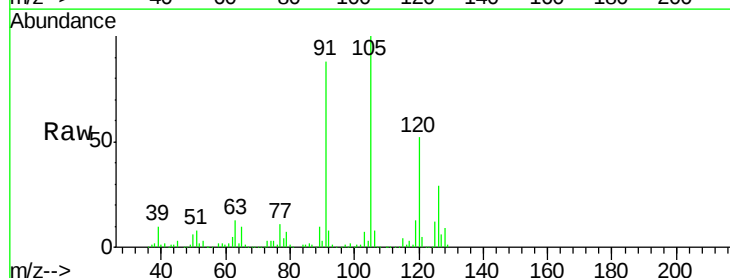
Manual Integrations
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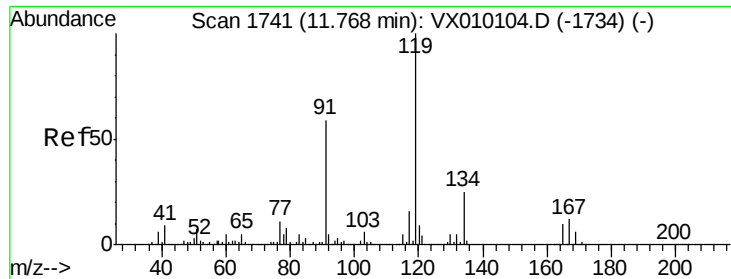
MMDadoda
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#82
4-Chlorotoluene
Concen: 16.296 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	14.2	42.6





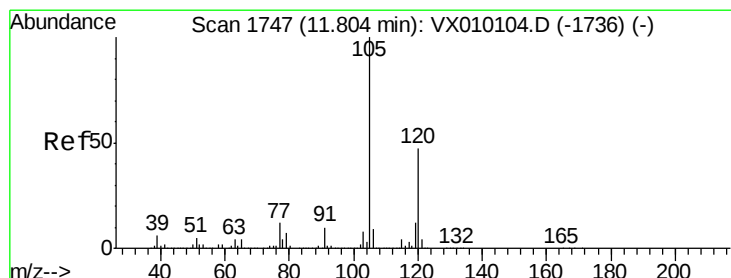
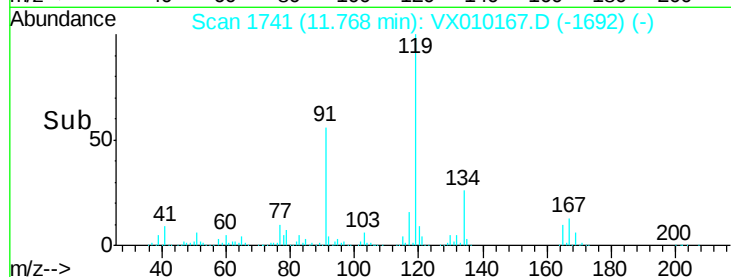
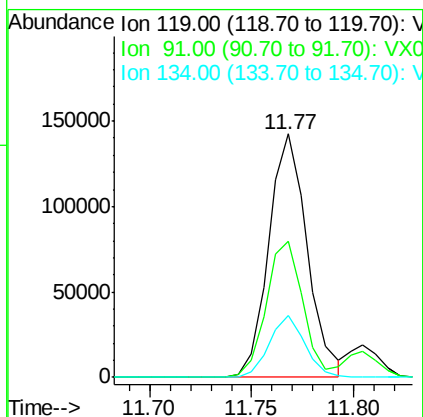
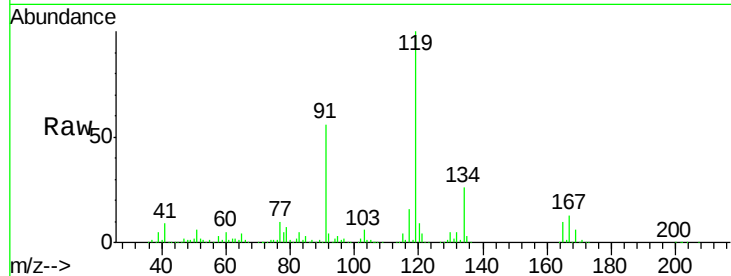
#83
tert-Butylbenzene
Concen: 16.443 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187214		
91	53.0		30.0	90.0
134	23.5		11.2	33.5

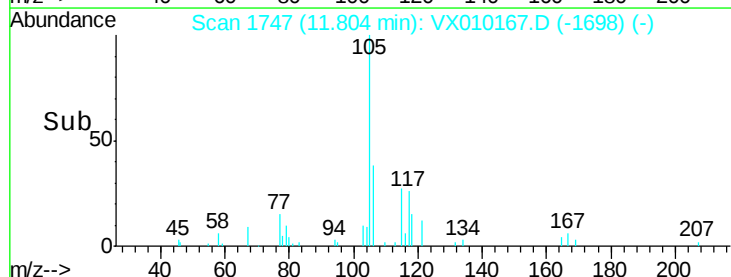
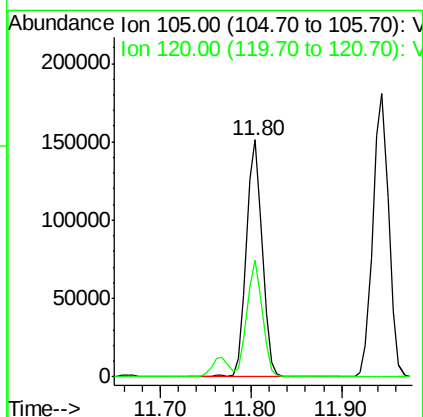
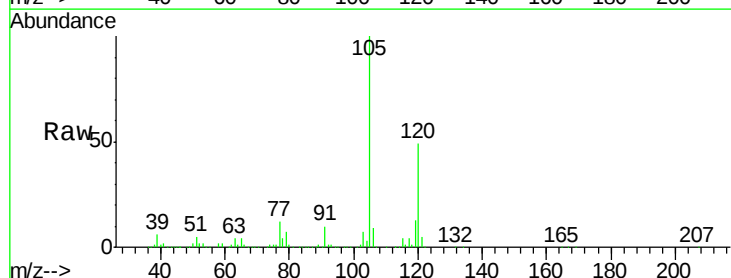
Manual Integrations
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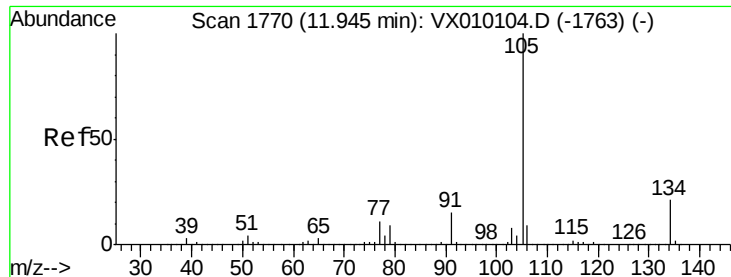
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#84
1,2,4-Trimethylbenzene
Concen: 16.220 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184303		
120	47.7		22.1	66.1





#85

sec-Butylbenzene

Concen: 16.492 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion:105 Resp: 218763

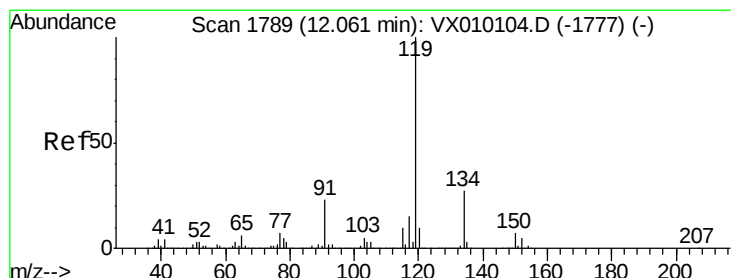
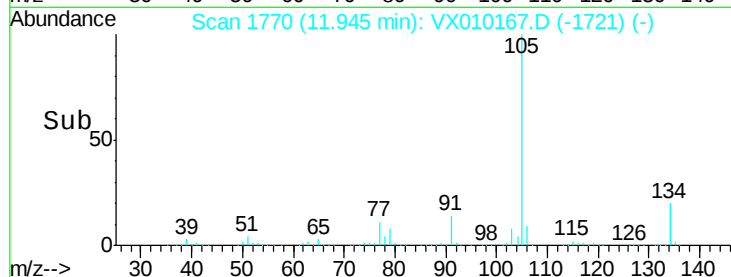
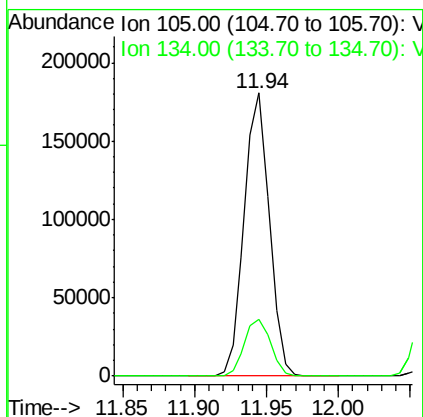
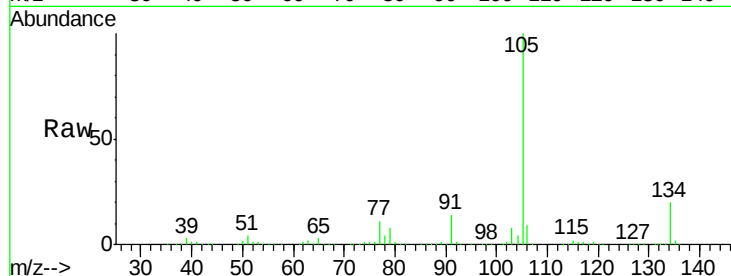
Ion Ratio Lower Upper

105 100

134 21.0 9.7 28.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 16.668 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

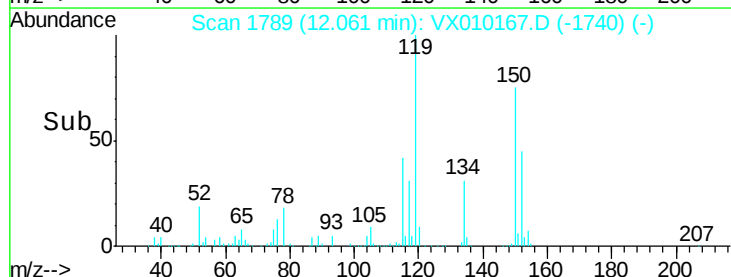
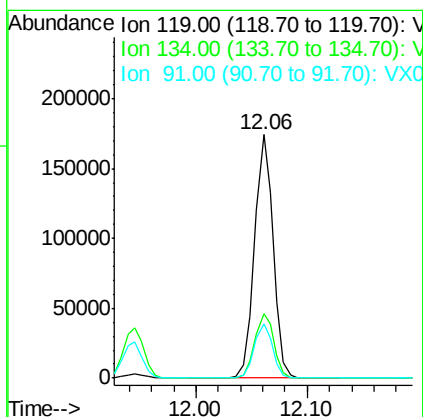
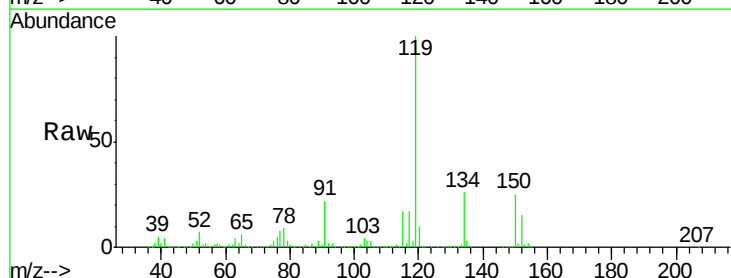
Tgt Ion:119 Resp: 202129

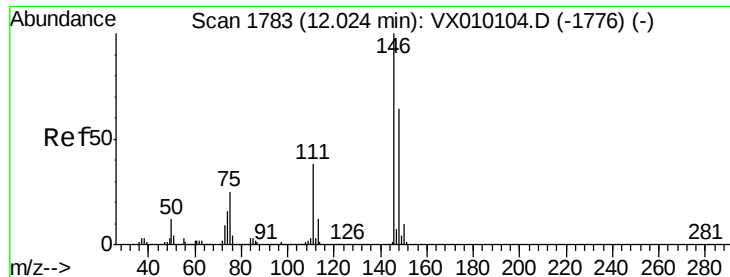
Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 22.4 11.9 35.9





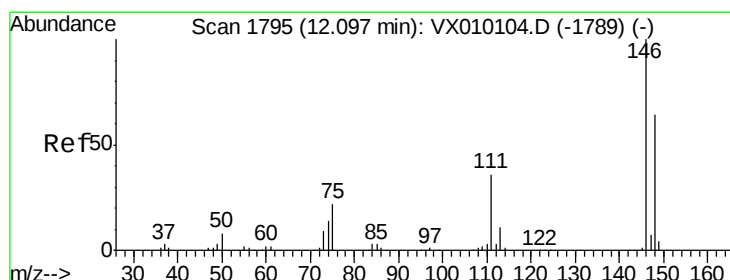
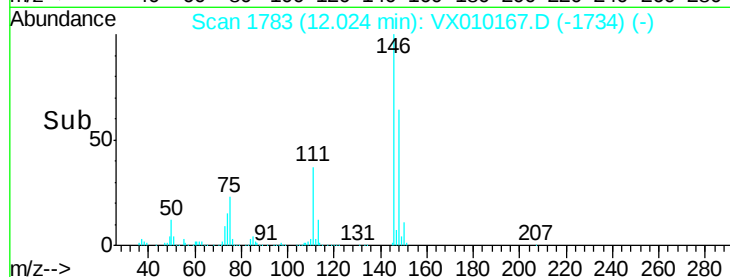
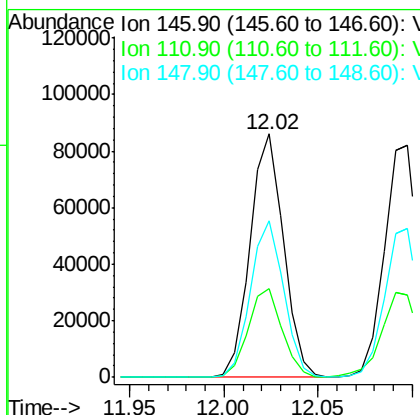
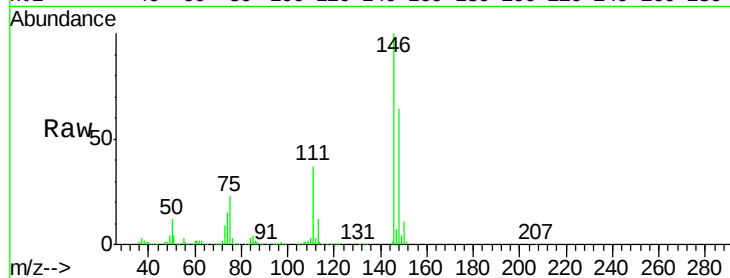
#87
 1,3-Dichlorobenzene
 Concen: 16.385 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.1	60.2
148	64.0	31.9	95.5

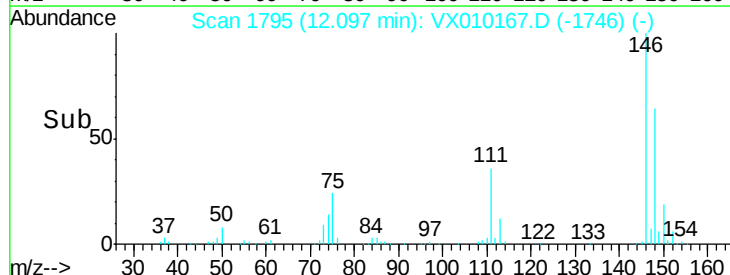
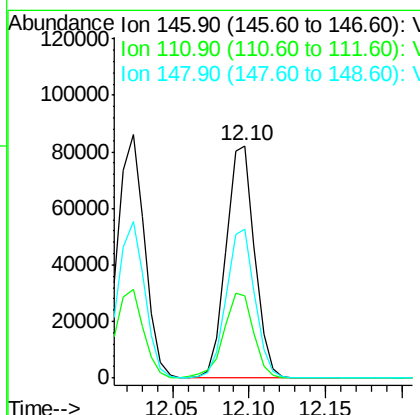
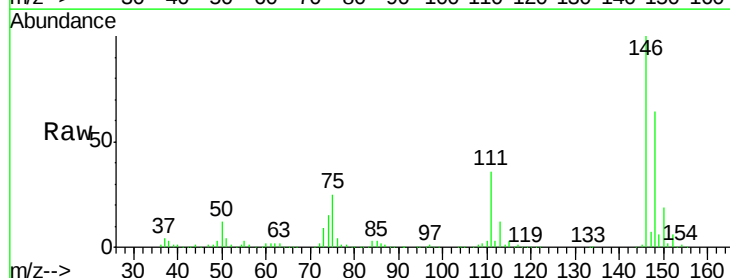
Manual Integrations
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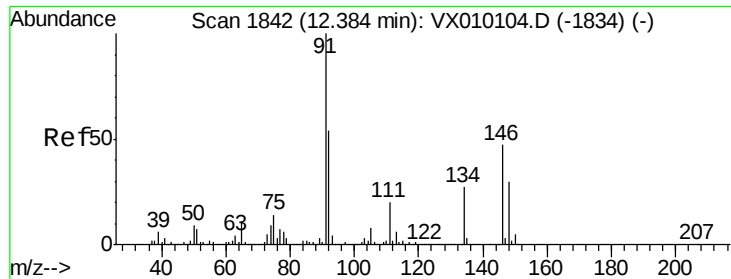
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#88
 1,4-Dichlorobenzene
 Concen: 16.301 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.0	59.9
148	64.3	32.3	96.9





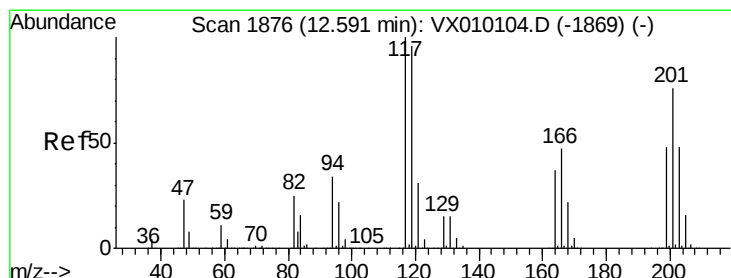
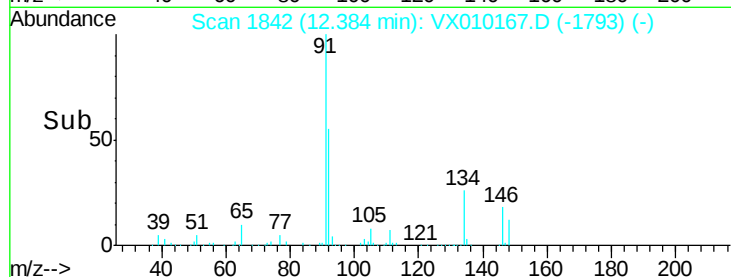
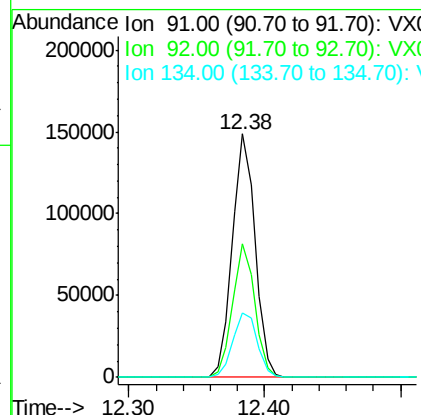
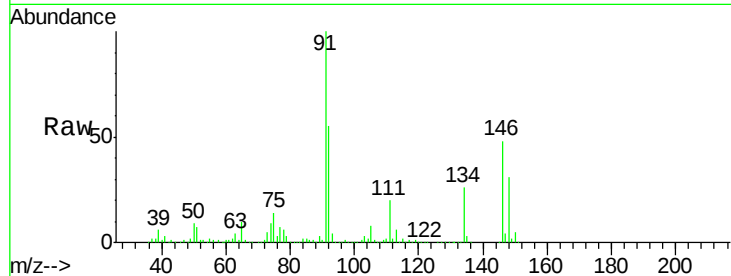
#89
n-Butylbenzene
Concen: 16.613 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	173415		
92	53.6	26.3	78.8	
134	28.2	12.3	36.8	

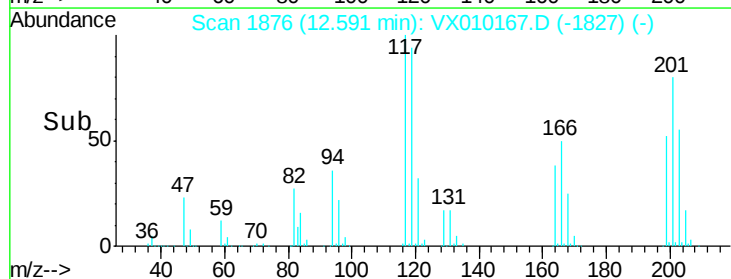
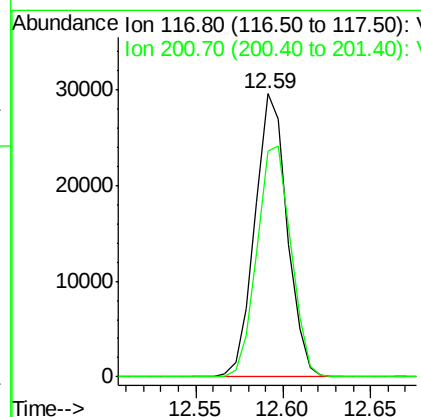
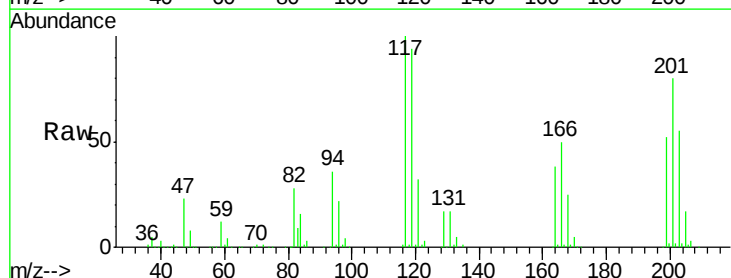
Manual Integrations
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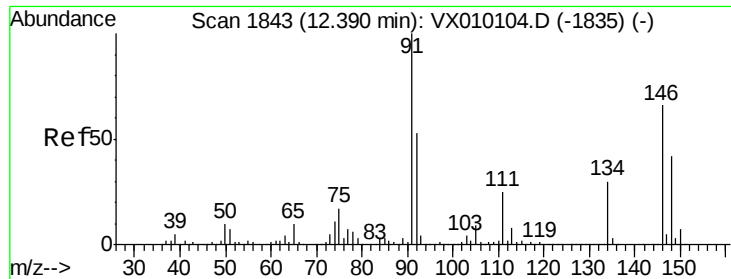
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#90
Hexachloroethane
Concen: 15.706 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX010167.D
Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37941		
201	86.0	43.6	130.9	





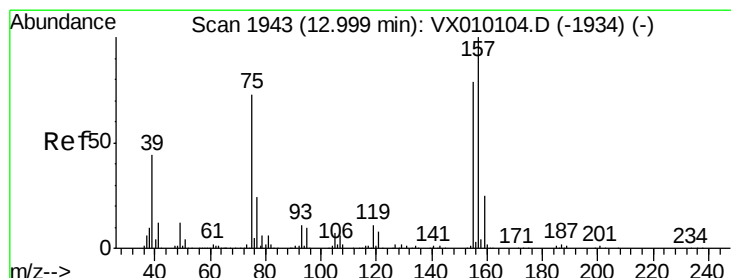
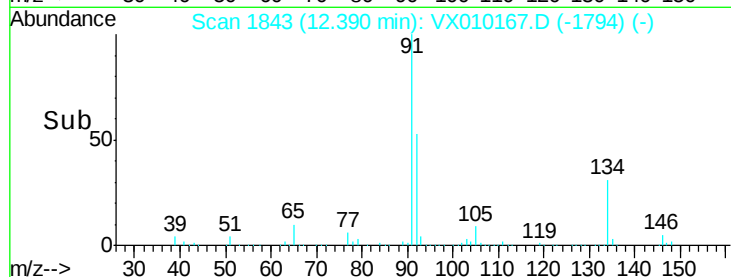
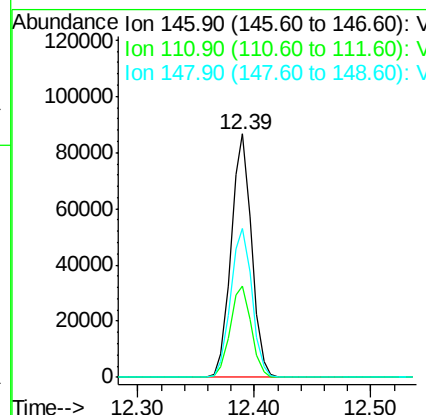
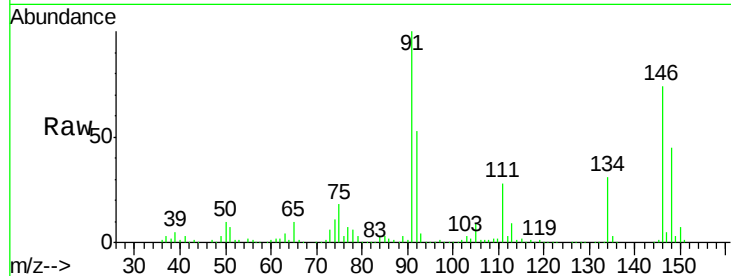
#91
 1,2-Dichlorobenzene
 Concen: 16.757 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	105395		
111	38.8	21.1	63.1	
148	63.8	32.3	96.8	

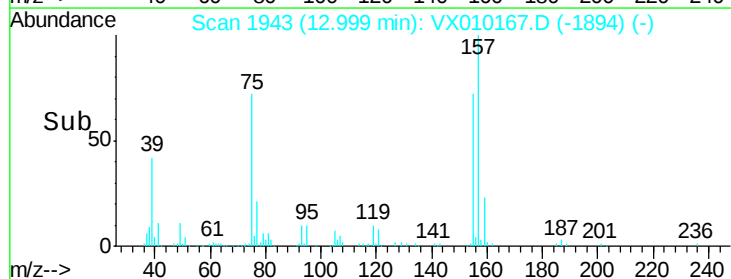
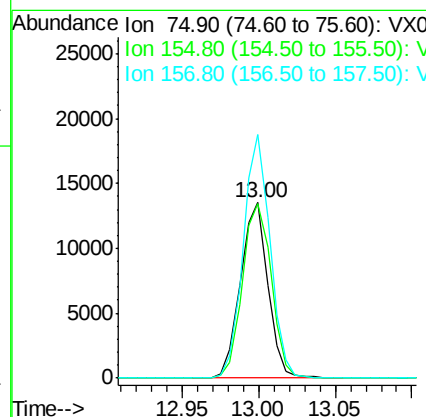
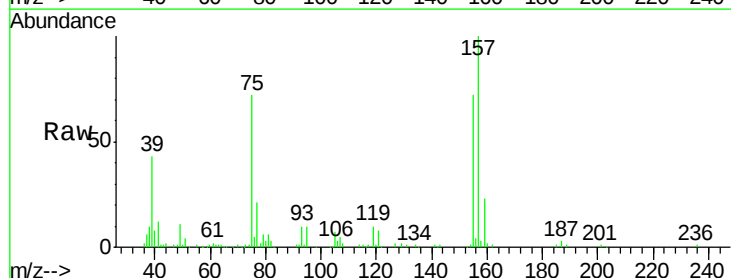
Manual Integrations
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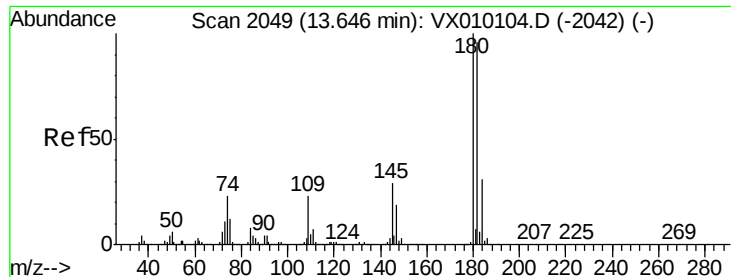
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.568 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16749		
155	104.7	39.3	117.8	
157	135.7	50.6	151.8	





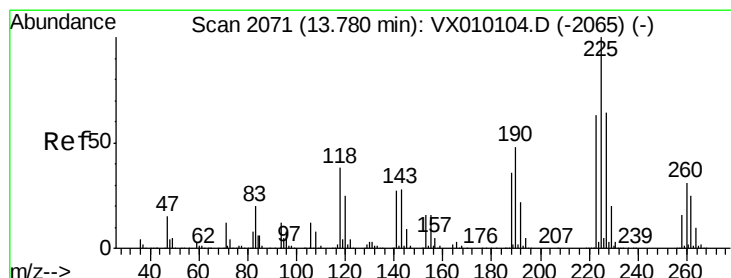
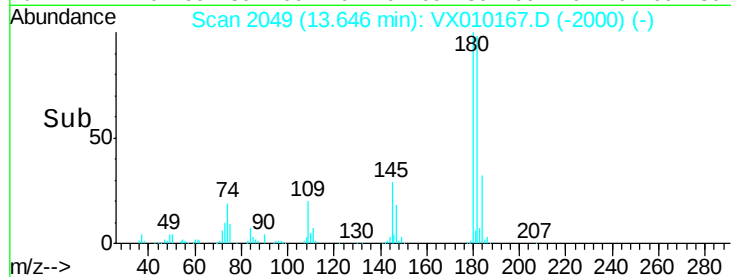
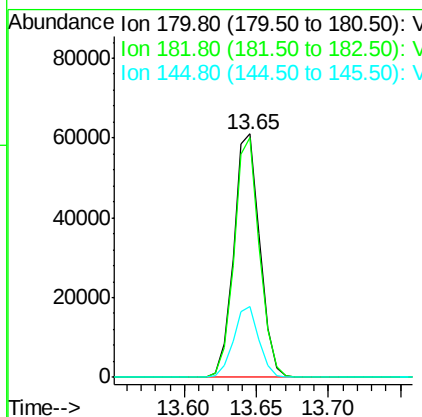
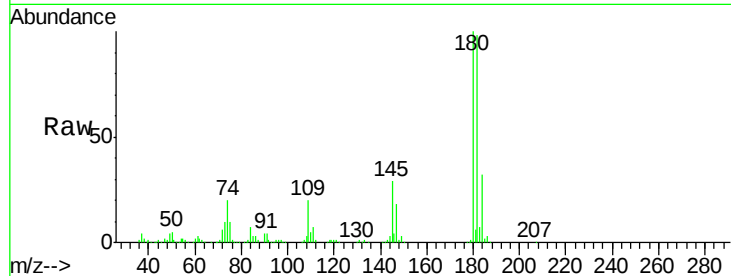
#93
 1,2,4-Trichlorobenzene
 Concen: 16.726 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.2
145	28.5	14.5	43.5

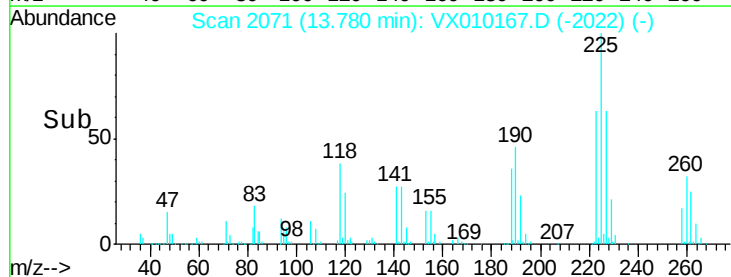
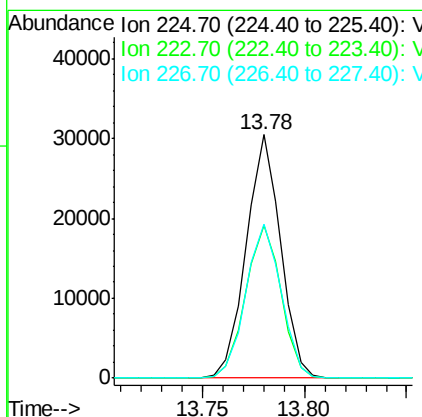
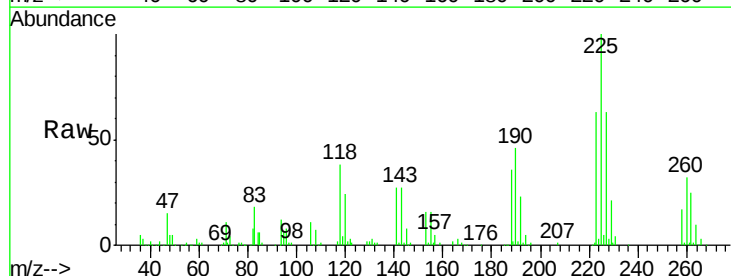
Manual Integrations
 APPROVED

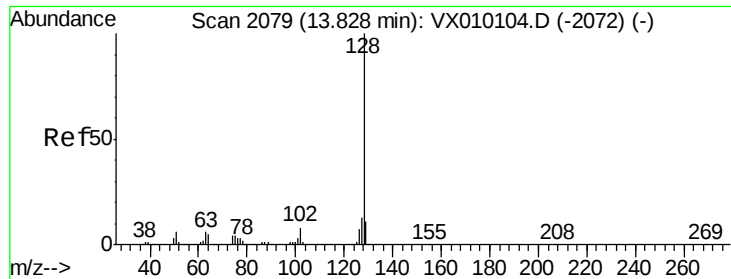
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 6/11/2019 11:54:18 AM



#94
 Hexachlorobutadiene
 Concen: 17.404 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010167.D
 Acq: 10 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.3	93.8
227	65.1	32.3	96.8





#95

Naphthalene

Concen: 16.122 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Instrument :

MSVOA_X

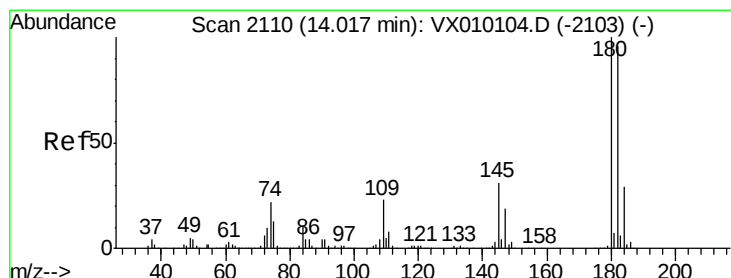
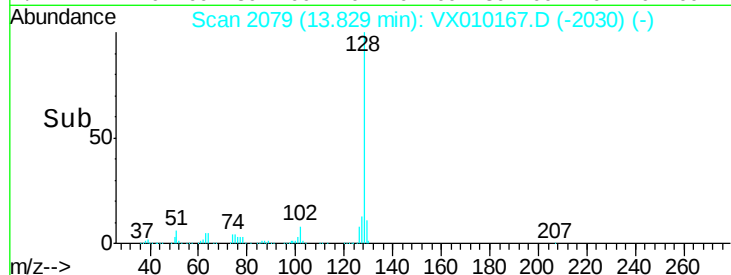
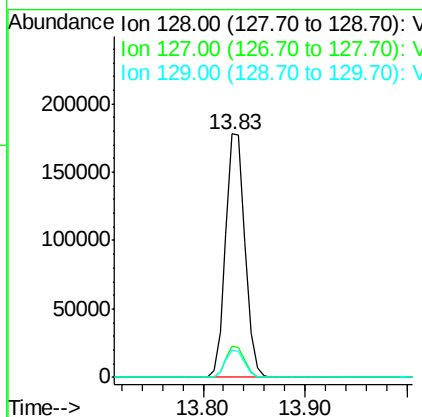
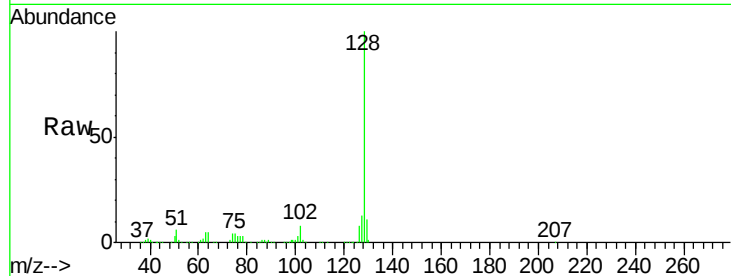
ClientSampleId :

VX0610WBS01

Tot Ion:	128	Resp:	233646
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 16.875 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010167.D

Acq: 10 Jun 2019 11:05

Tgt Ion:	180	Resp:	76814
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.3	142.0
145	31.0	15.6	46.7

