

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070119\
 Data File : VX010601.D
 Acq On : 01 Jul 2019 19:14
 Operator : JC/SP
 Sample : K3521-39MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 9:55:28 AM

Quant Time: Jul 02 07:18:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	223180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110416	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	5.50	113	106211	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	395306	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	142483	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67036	43.204	ug/l	99
3) Chloromethane	1.32	50	77419	42.850	ug/l	96
4) Vinyl Chloride	1.41	62	87982	44.459	ug/l	98
5) Bromomethane	1.64	94	39105	40.561	ug/l	98
6) Chloroethane	1.71	64	57251	49.036	ug/l	96
7) Trichlorofluoromethane	1.93	101	157094	50.076	ug/l	99
8) Diethyl Ether	2.19	74	59719	53.083	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88853	46.738	ug/l	99
10) Methyl Iodide	2.51	142	98655	36.362	ug/l	98
11) Tert butyl alcohol	3.04	59	120657	220.359	ug/l	98
12) 1,1-Dichloroethene	2.37	96	92088	47.604	ug/l	97
13) Acrolein	2.29	56	96988	267.016	ug/l	99
14) Allyl chloride	2.73	41	133915	48.760	ug/l	98
15) Acrylonitrile	3.14	53	281984	260.113	ug/l	100
16) Acetone	2.45	43	223630	213.242	ug/l	98
17) Carbon Disulfide	2.57	76	207766	40.033	ug/l	99
18) Methyl Acetate	2.77	43	97881	46.830	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	316297	51.974	ug/l	96
20) Methylene Chloride	2.85	84	108342	50.200	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99912	48.022	ug/l	98
22) Diisopropyl ether	3.85	45	298314	51.952	ug/l	95
23) Vinyl Acetate	3.81	43	1157919	233.425	ug/l	99
24) 1,1-Dichloroethane	3.70	63	170656	51.416	ug/l	99
25) 2-Butanone	4.67	43	378627	246.128	ug/l	100
26) 2,2-Dichloropropane	4.59	77	113208	39.263	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	122510	50.956	ug/l	98
28) Bromochloromethane	5.01	49	79249	49.938	ug/l	97
29) Tetrahydrofuran	5.13	42	247191	259.422	ug/l	99
30) Chloroform	5.21	83	184018	51.528	ug/l	99
31) Cyclohexane	5.58	56	142146	47.029	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	158409	50.235	ug/l	99
36) 1,1-Dichloropropene	5.80	75	127653	47.200	ug/l	99
37) Ethyl Acetate	4.83	43	127341	45.768	ug/l	99
38) Carbon Tetrachloride	5.79	117	138048	47.137	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152512	42.900	ug/l	99
40) Benzene	6.14	78	411625	48.853	ug/l	99
41) Methacrylonitrile	5.04	41	77098	50.503	ug/l	99
42) 1,2-Dichloroethane	6.19	62	132812	51.782	ug/l	99
43) Isopropyl Acetate	6.45	43	221512	48.121	ug/l	98
44) Trichloroethene	7.21	130	120437	47.769	ug/l	97
45) 1,2-Dichloropropane	7.51	63	105670	49.662	ug/l	99
46) Dibromomethane	7.66	93	77172	50.551	ug/l	96
47) Bromodichloromethane	7.90	83	138611	49.544	ug/l	99
48) Methyl methacrylate	7.77	41	110537	51.661	ug/l	99
49) 1,4-Dioxane	7.74	88	54931	891.184	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	768442	261.013	ug/l	99
52) Toluene	8.79	92	270173	48.691	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	146406	46.676	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	162700	47.732	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115602	50.516	ug/l	99
56) Ethyl methacrylate	9.18	69	176757	50.988	ug/l	98
57) 1,3-Dichloropropane	9.37	76	181454	51.081	ug/l	100
59) 2-Hexanone	9.49	43	589978	254.620	ug/l	97
60) Dibromochloromethane	9.58	129	124288	48.507	ug/l	99
61) 1,2-Dibromoethane	9.67	107	124881	50.557	ug/l	99
64) Tetrachloroethene	9.34	164	111352	44.147	ug/l	98
65) Chlorobenzene	10.13	112	334267	52.798	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115714	50.178	ug/l	100
67) Ethyl Benzene	10.25	91	523999	49.026	ug/l	100
68) m/p-Xylenes	10.36	106	400306	96.660	ug/l	98
69) o-Xylene	10.69	106	196688	48.294	ug/l	97
70) Styrene	10.71	104	338841	49.610	ug/l	99
71) Bromoform	10.86	173	95301	47.521	ug/l #	100
73) Isopropylbenzene	11.02	105	526633	48.601	ug/l	99
74) N-amyl acetate	10.90	43	189246	46.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	181779	50.655	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	144828m	49.719	ug/l	
77) Bromobenzene	11.26	156	146544	48.433	ug/l	99
78) n-propylbenzene	11.36	91	585178	49.137	ug/l	100
79) 2-Chlorotoluene	11.42	91	344701	48.607	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	435625	48.766	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51318	41.100	ug/l	93
82) 4-Chlorotoluene	11.51	91	398601	49.396	ug/l	100
83) tert-Butylbenzene	11.77	119	440479	49.129	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	441019	49.140	ug/l	100
85) sec-Butylbenzene	11.94	105	513683	48.796	ug/l	99
86) p-Isopropyltoluene	12.06	119	475889	48.873	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	252340	47.778	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	257465	47.884	ug/l	99
89) n-Butylbenzene	12.38	91	401338	48.504	ug/l	99
90) Hexachloroethane	12.60	117	78591	46.678	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	253228	48.241	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36382	47.023	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	172391	47.357	ug/l	99

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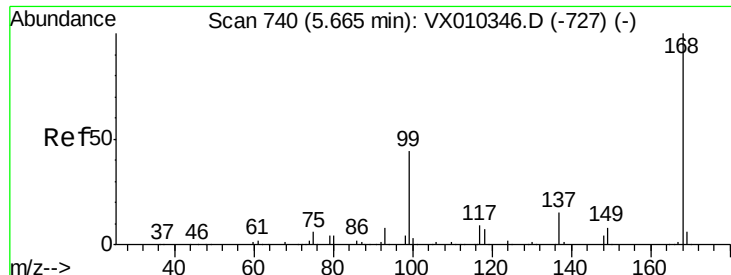
Manual Integrations
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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81593	45.862	ug/l	100
95) Naphthalene	13.83	128	541952	48.446	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	174247	48.143	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion:168 Resp: 223180

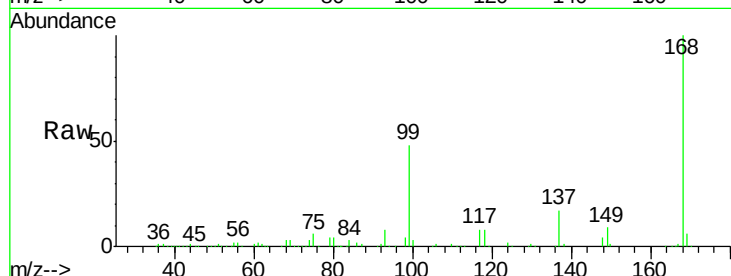
Ion Ratio Lower Upper

168 100

99 48.3 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

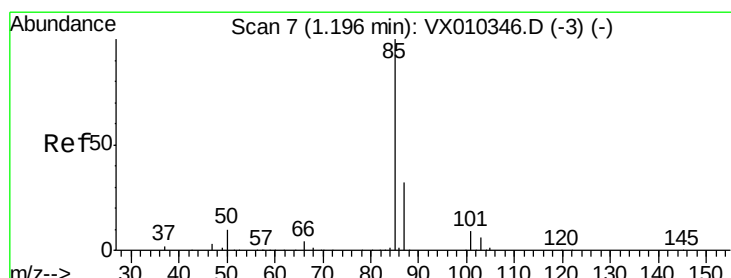
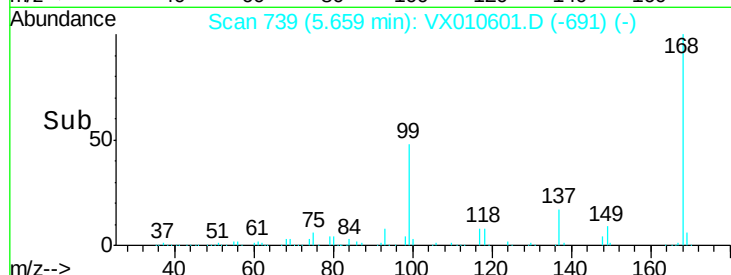
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.204 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010601.D

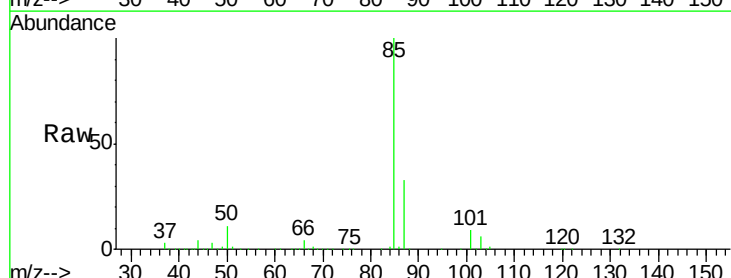
Acq: 01 Jul 2019 19:14

Tgt Ion: 85 Resp: 67036

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

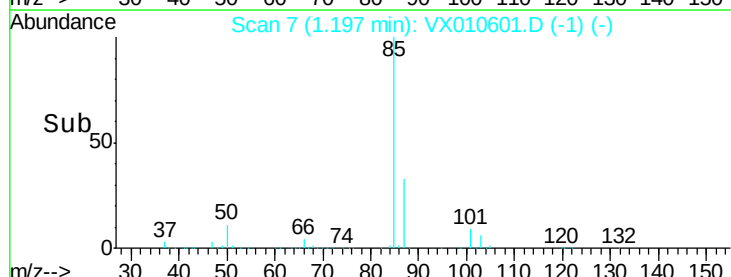
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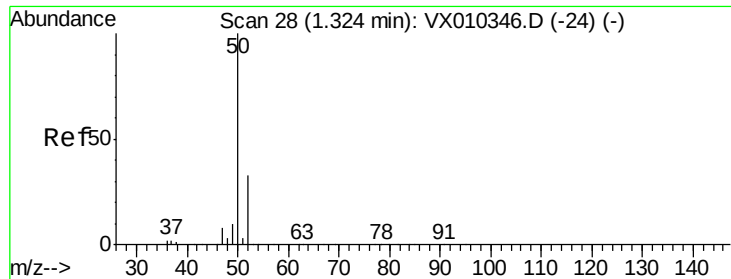
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 42.850 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion: 50 Resp: 77419

Ion Ratio Lower Upper

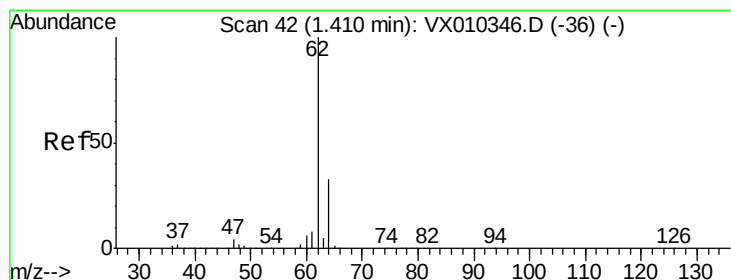
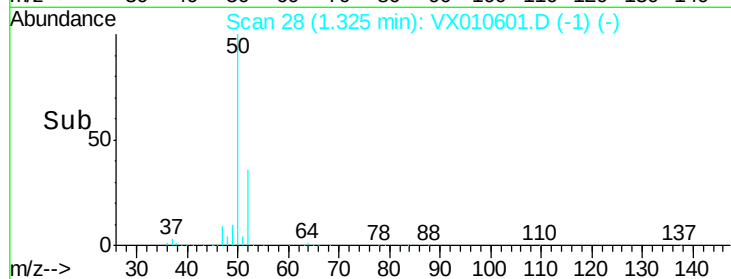
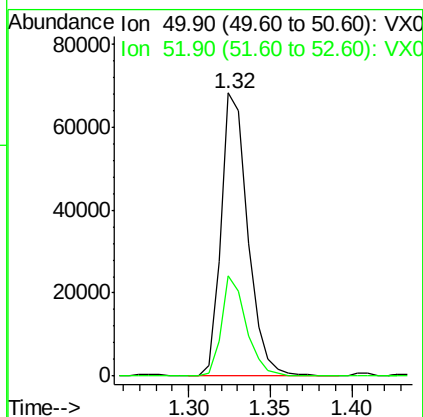
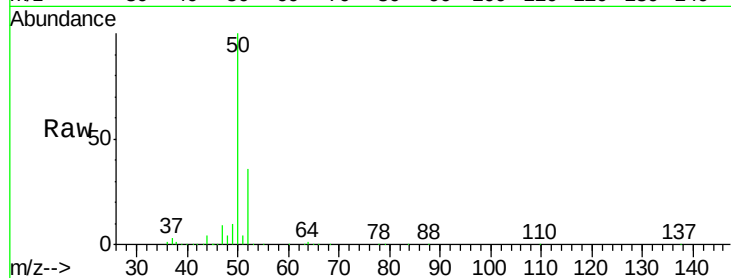
50 100

52 35.5 26.5 39.7

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#4

Vinyl Chloride

Concen: 44.459 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010601.D

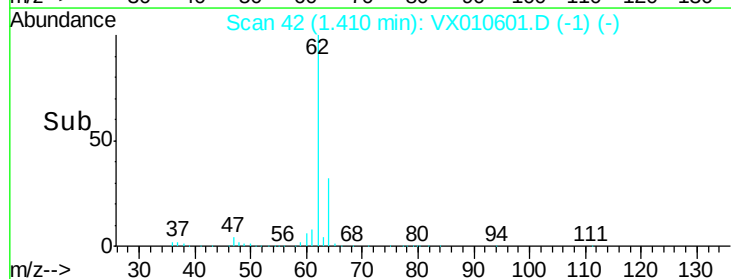
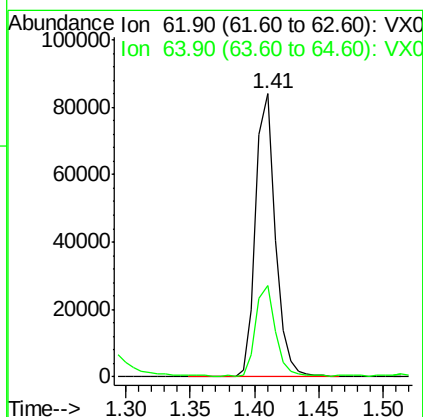
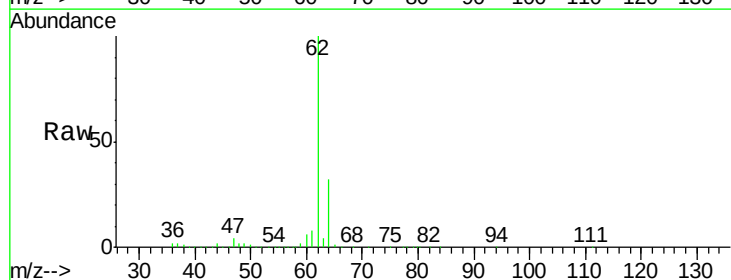
Acq: 01 Jul 2019 19:14

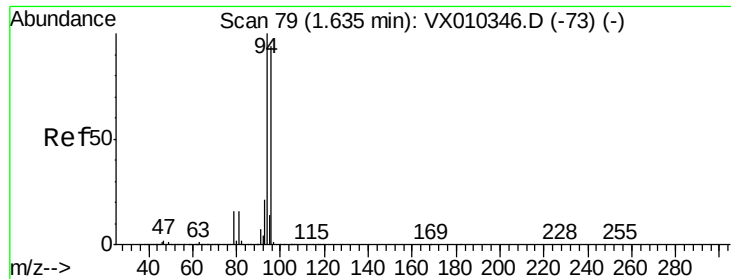
Tgt Ion: 62 Resp: 87982

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.4





#5

Bromomethane

Concen: 40.561 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion: 94 Resp: 39105

Ion Ratio Lower Upper

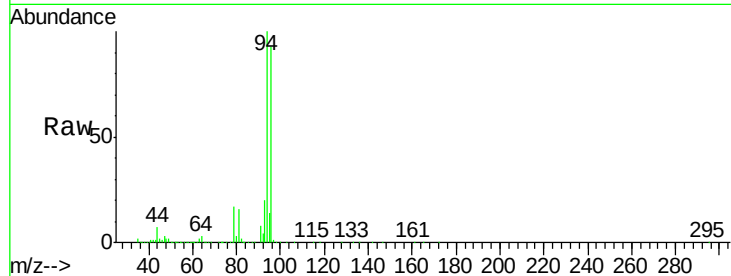
94 100

96 92.9 75.5 113.3

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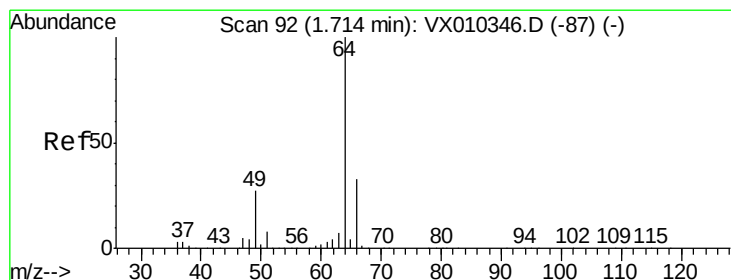
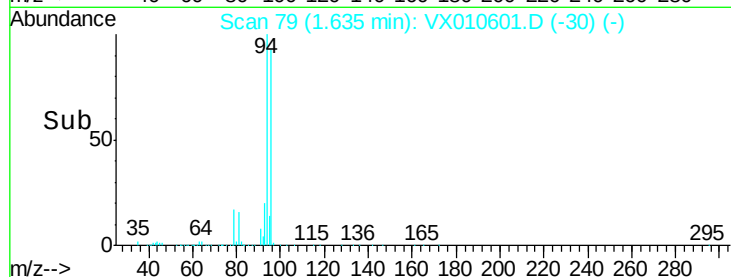
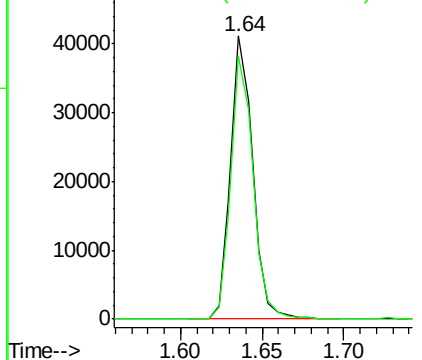
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.036 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010601.D

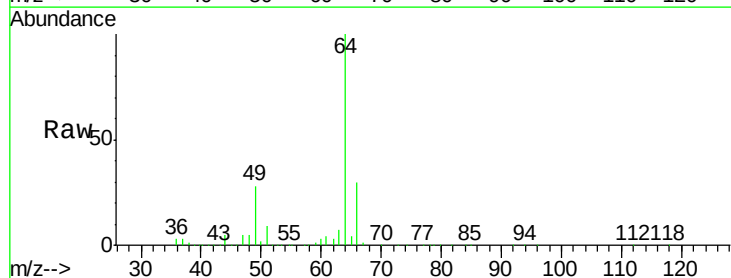
Acq: 01 Jul 2019 19:14

Tgt Ion: 64 Resp: 57251

Ion Ratio Lower Upper

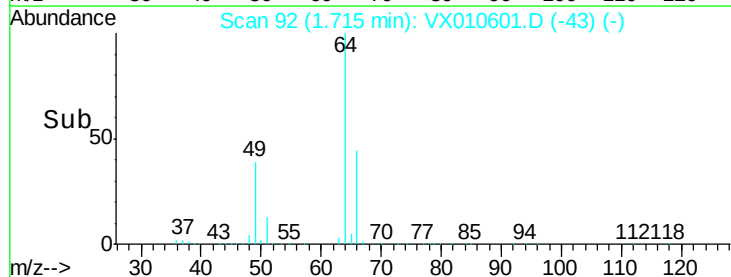
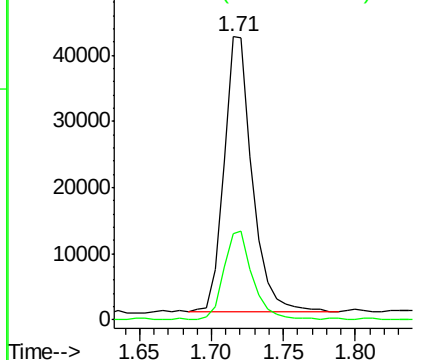
64 100

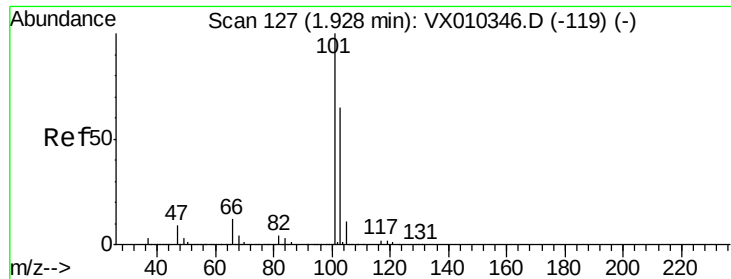
66 31.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

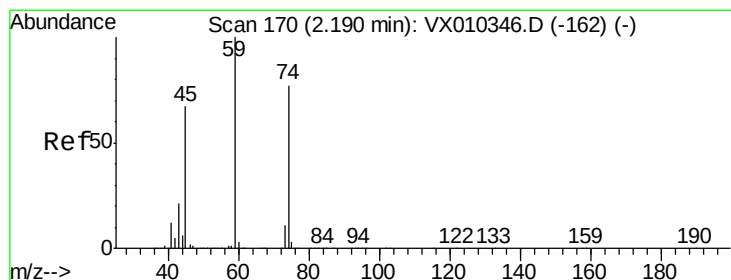
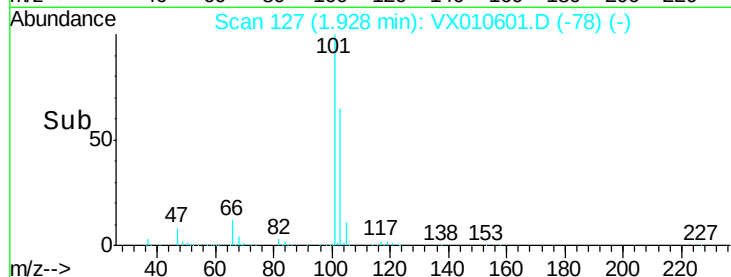
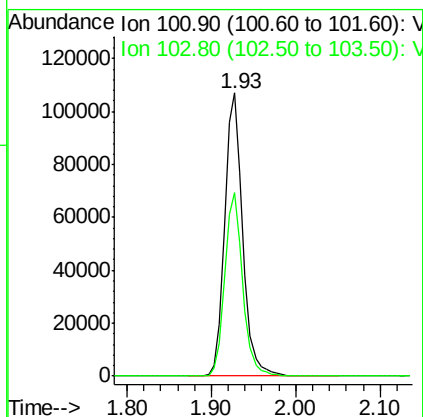
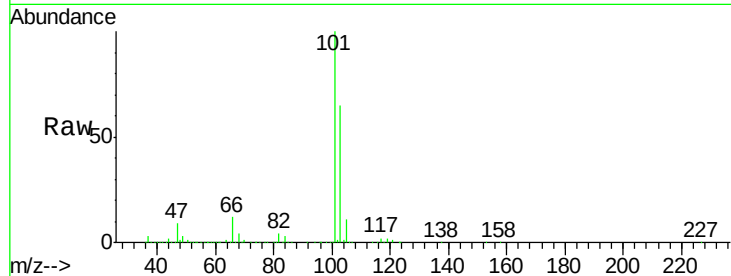
Trichlorofluoromethane
Concen: 50.076 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

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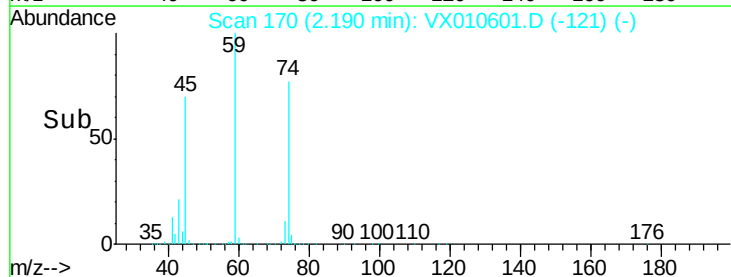
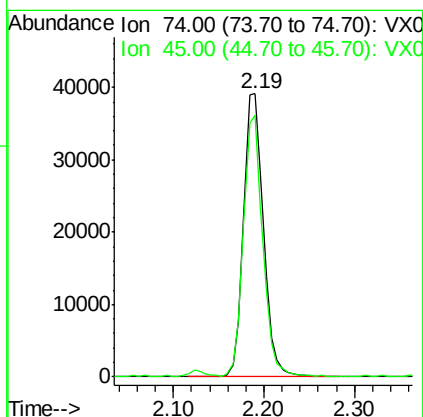
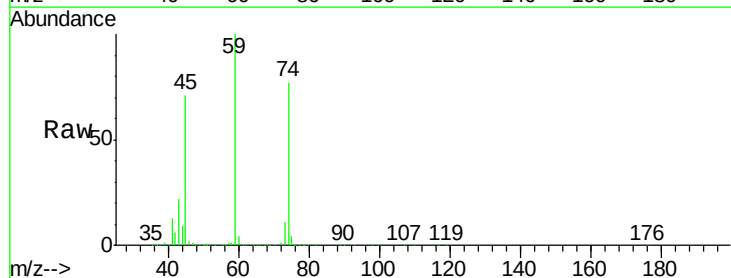
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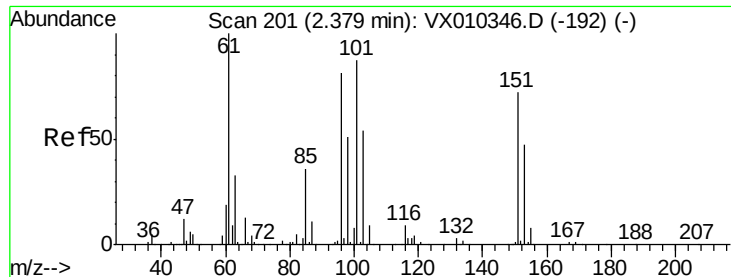


#8

Diethyl Ether
Concen: 53.083 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.8	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.738 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

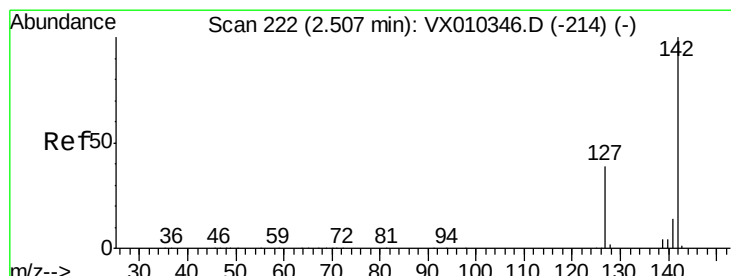
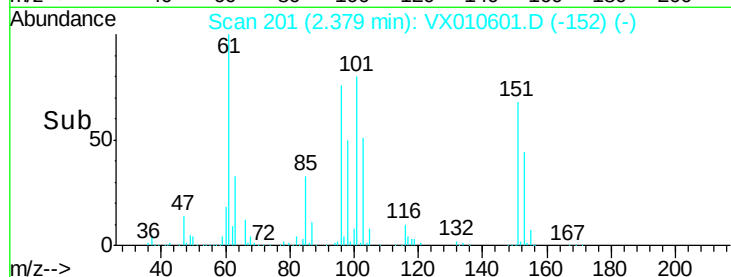
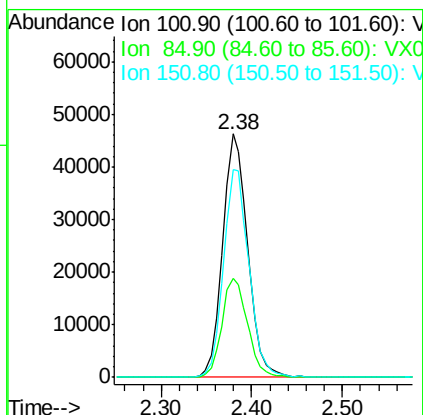
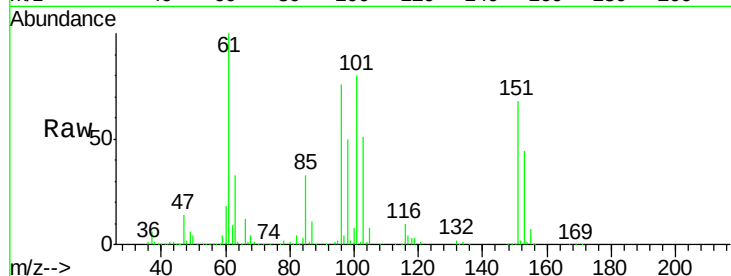
ClientSampleId :

PK-10IMS

Tot Ion:	101	Resp:	88853
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	86.6	70.1	105.1

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#10

Methyl Iodide

Concen: 36.362 ug/l

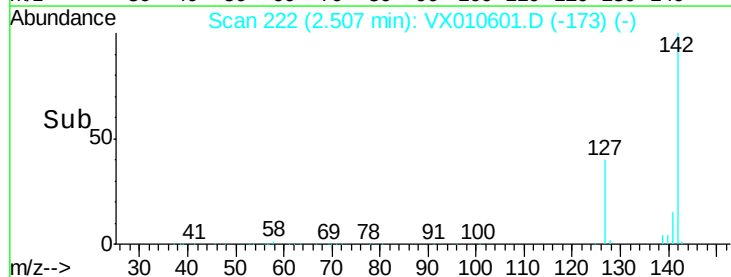
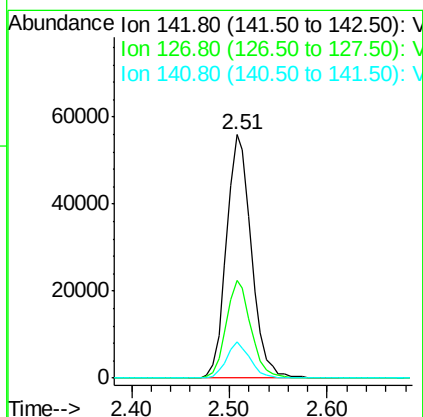
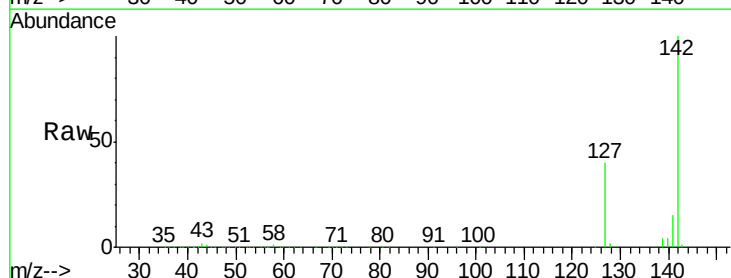
RT: 2.51 min Scan# 222

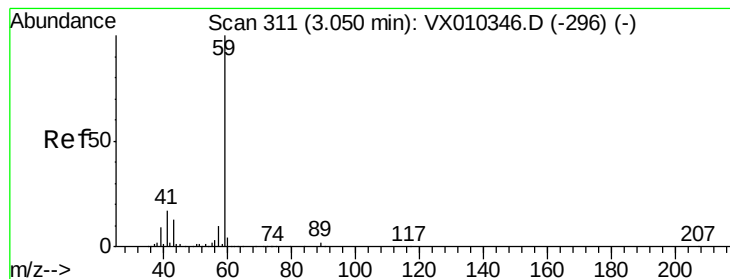
Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Tgt Ion:	142	Resp:	98655
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.1	46.7
141	14.2	11.2	16.8





#11

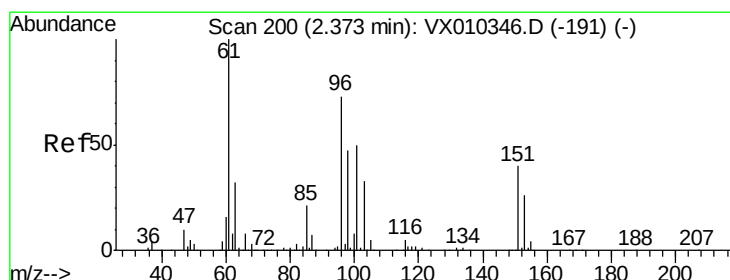
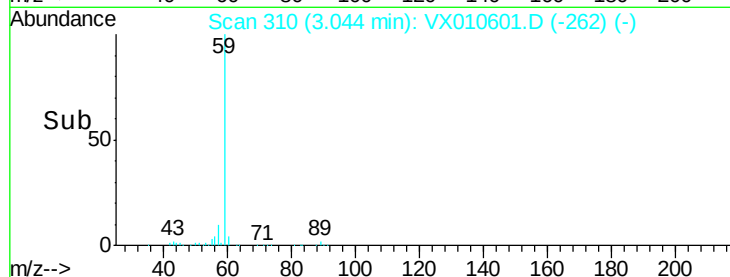
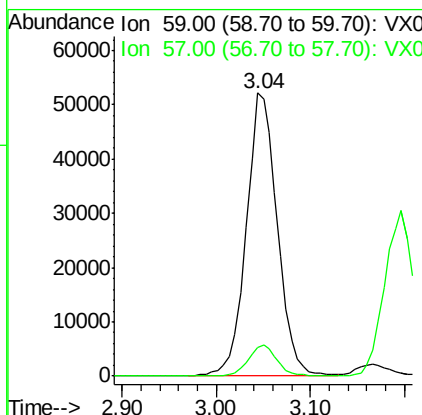
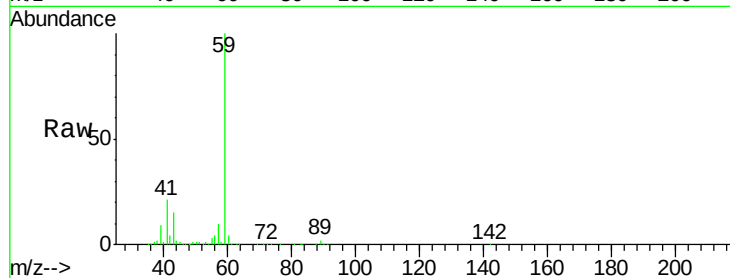
Tert butyl alcohol
Concen: 220.359 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion	59	Resp	120657
Ion Ratio	100	Lower	Upper
57	10.3	7.7	11.5

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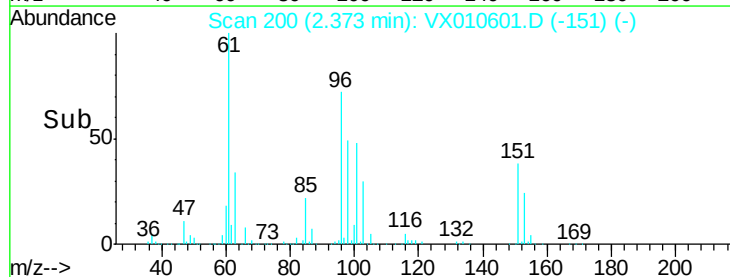
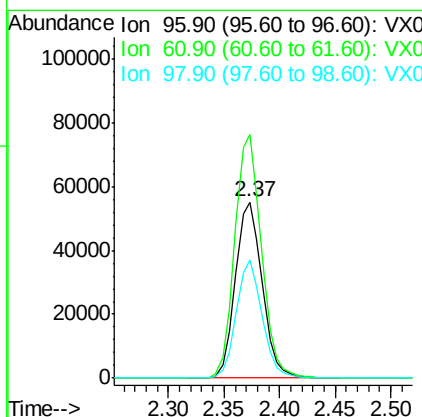
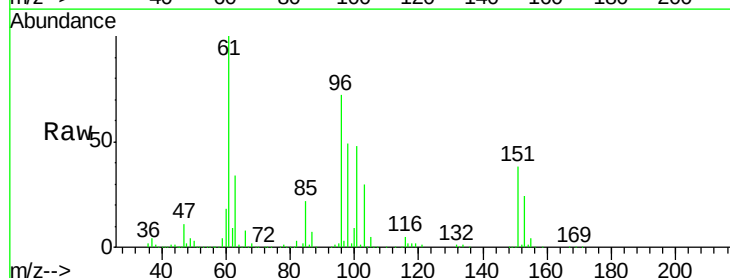
MMDadoda
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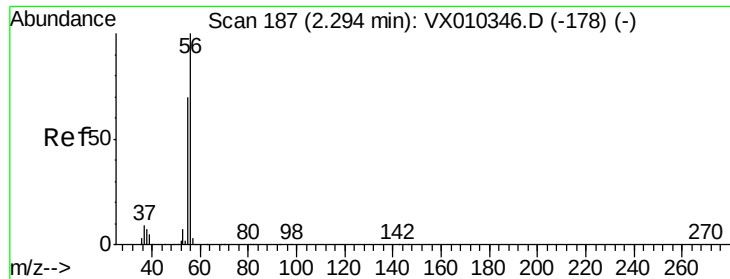


#12

1,1-Dichloroethene
Concen: 47.604 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	96	Resp	92088
Ion Ratio	100	Lower	Upper
61	138.4	109.2	163.8
98	67.5	51.1	76.7





#13

Acrolein

Concen: 267.016 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion: 56 Resp: 96988

Ion Ratio Lower Upper

56 100

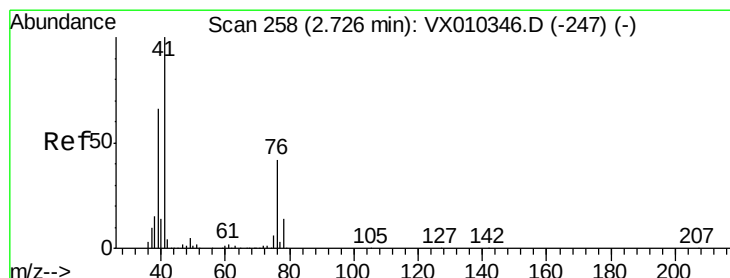
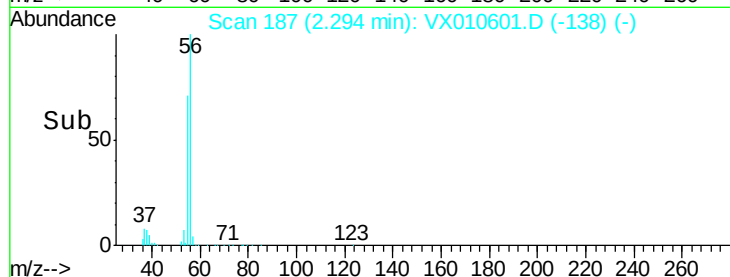
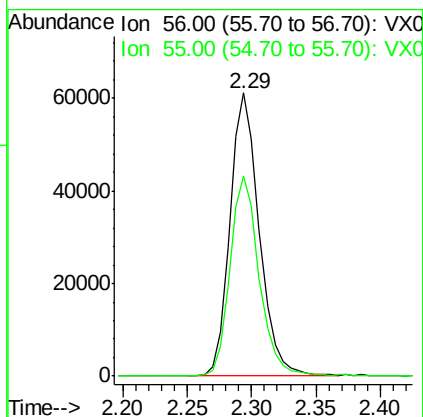
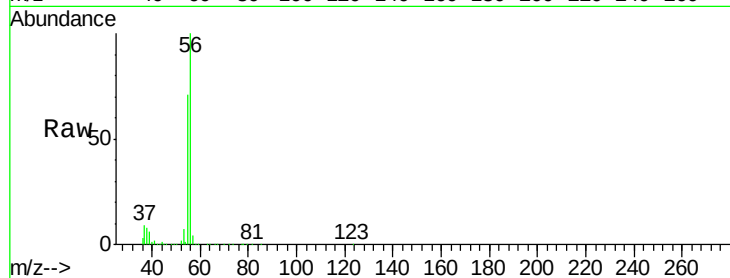
55 70.1 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 48.760 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

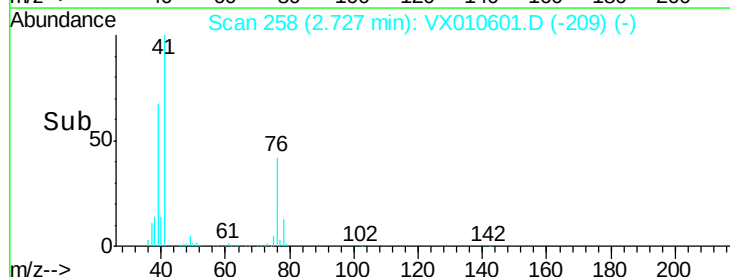
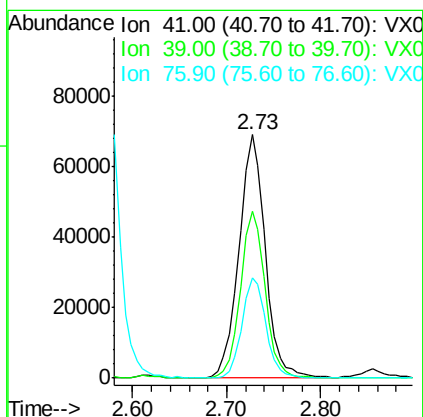
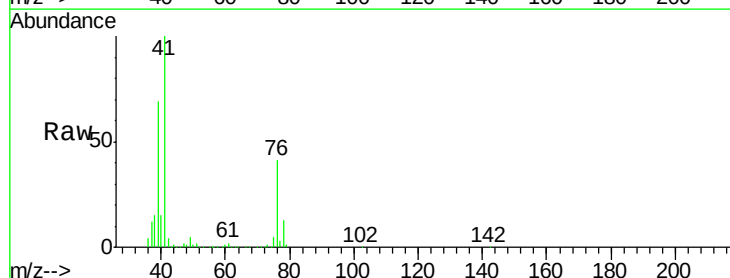
Tgt Ion: 41 Resp: 133915

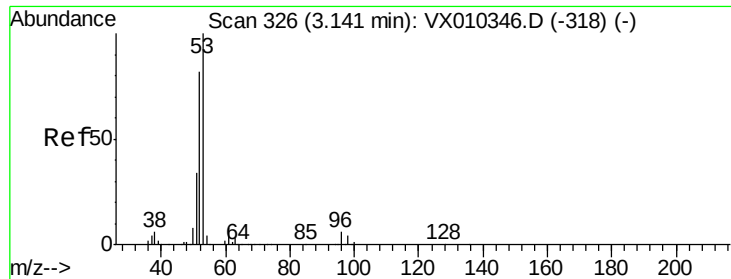
Ion Ratio Lower Upper

41 100

39 64.4 50.3 75.5

76 37.9 31.3 46.9





#15

Acrylonitrile

Concen: 260.113 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

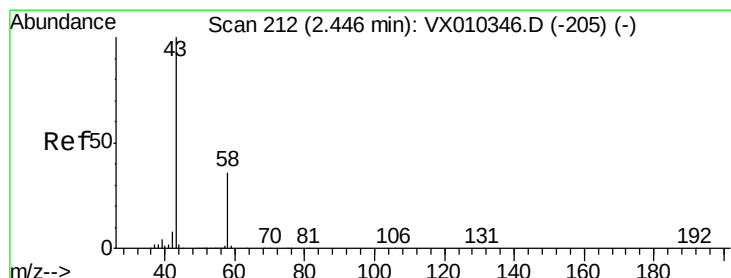
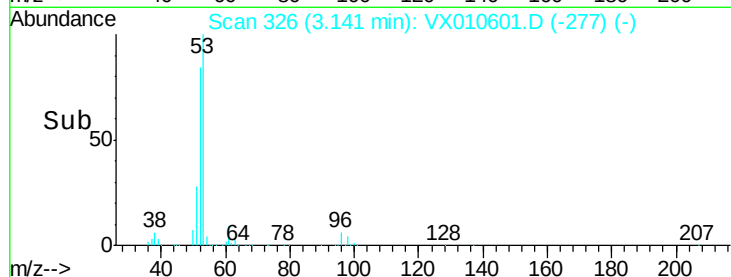
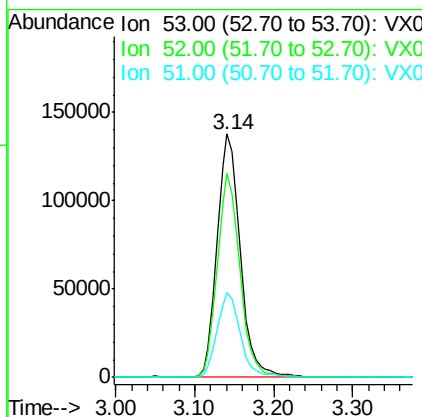
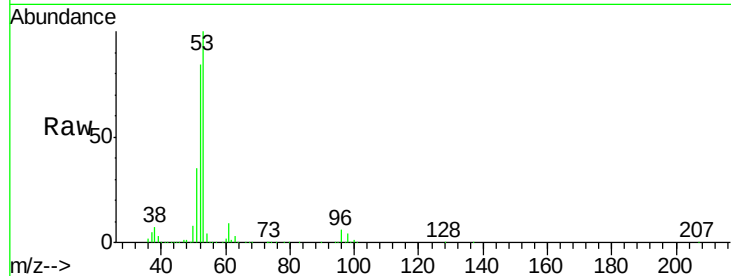
ClientSampleId :

PK-10IMS

Tot Ion:	53	Resp:	281984
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	35.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 213.242 ug/l

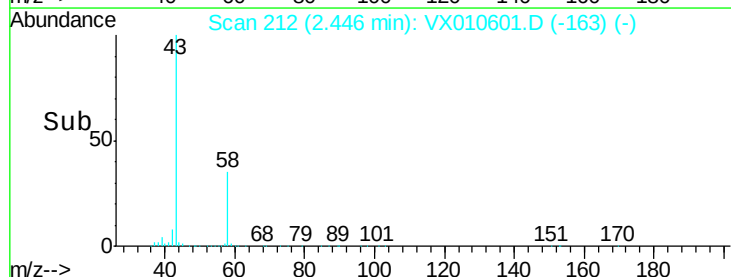
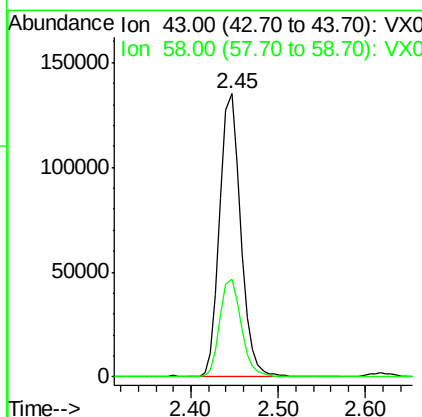
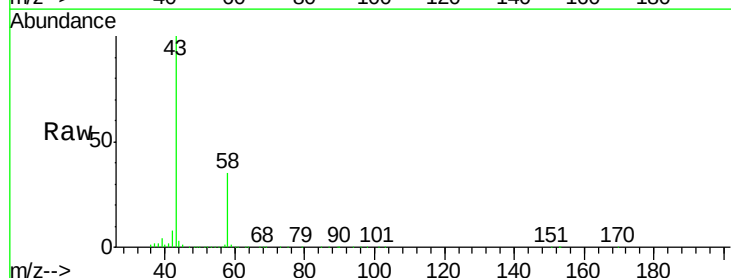
RT: 2.45 min Scan# 212

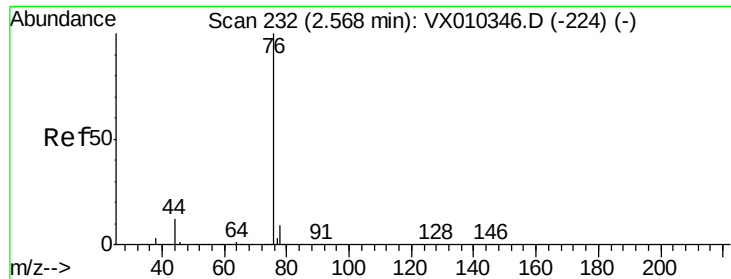
Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Tgt Ion:	43	Resp:	223630
Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.9	43.3





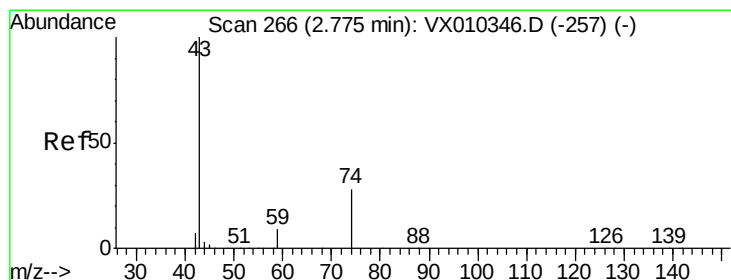
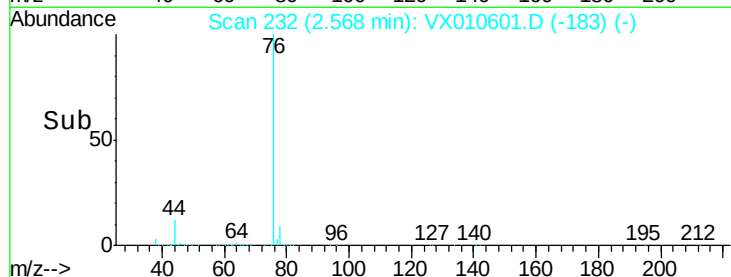
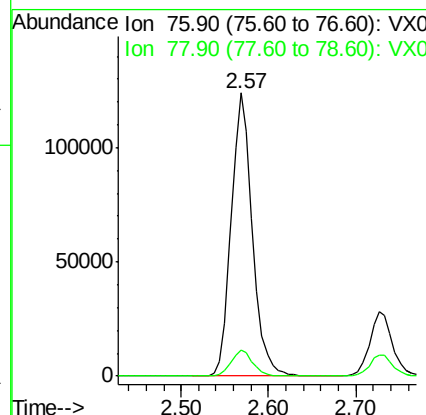
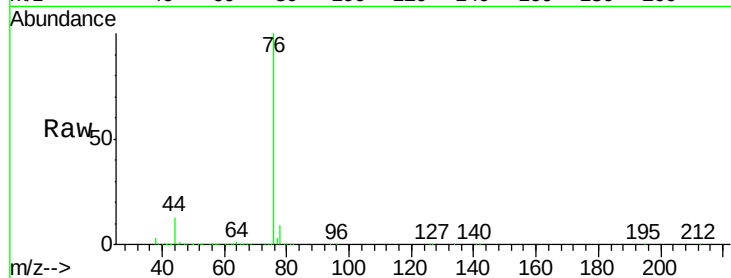
#17
Carbon Disulfide
Concen: 40.033 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
PK-10IMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

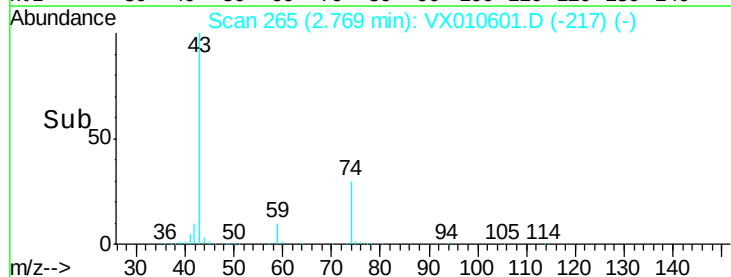
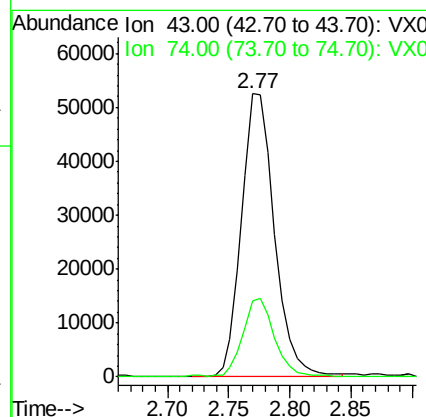
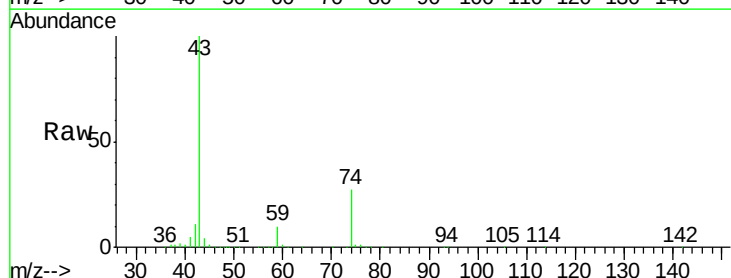
Manual Integrations
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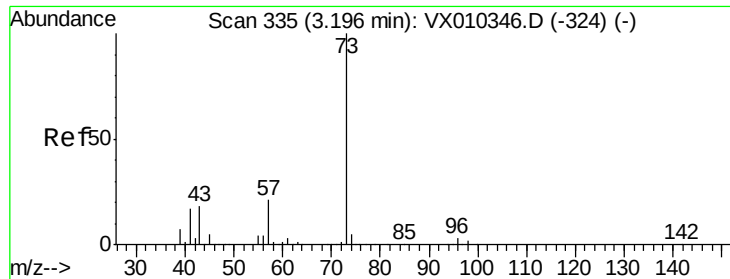
MMDadoda
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#18
Methyl Acetate
Concen: 46.830 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	21.3	31.9





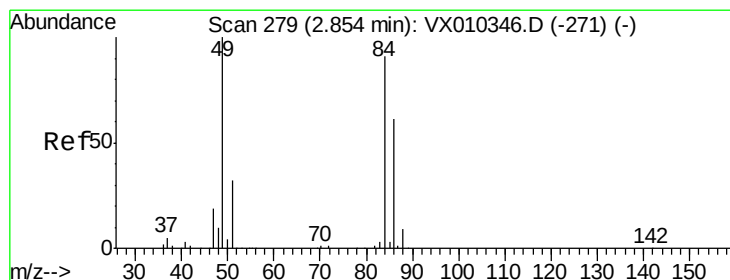
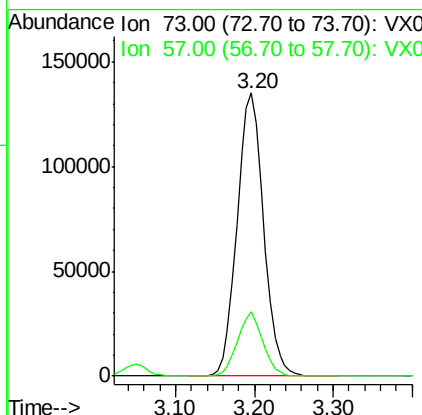
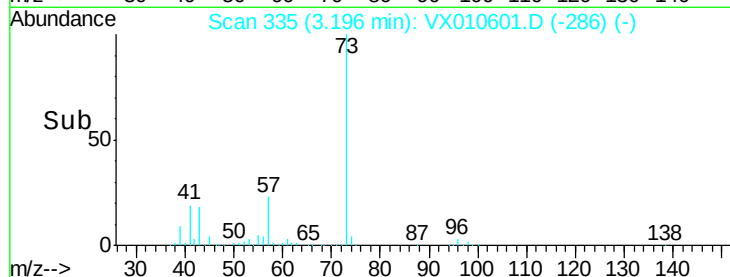
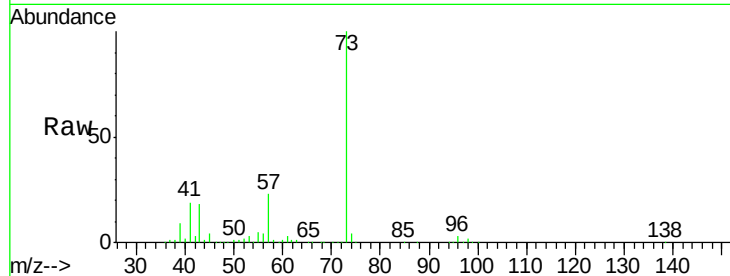
#19
Methyl tert-butyl Ether
Concen: 51.974 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.4	24.6

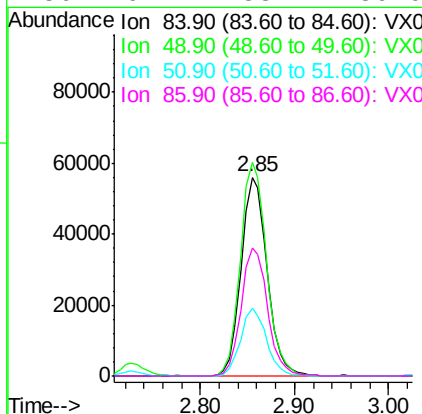
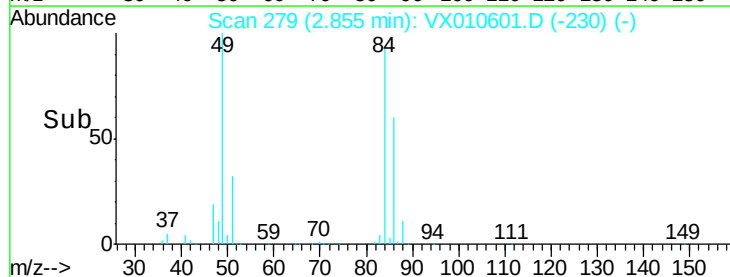
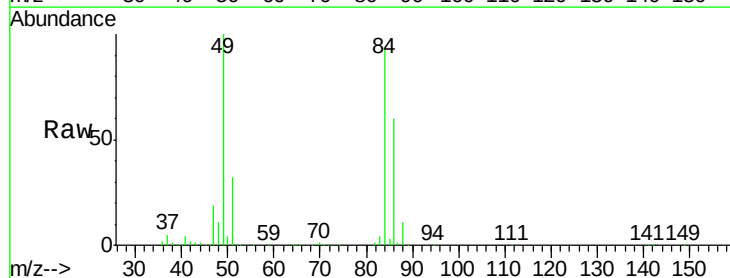
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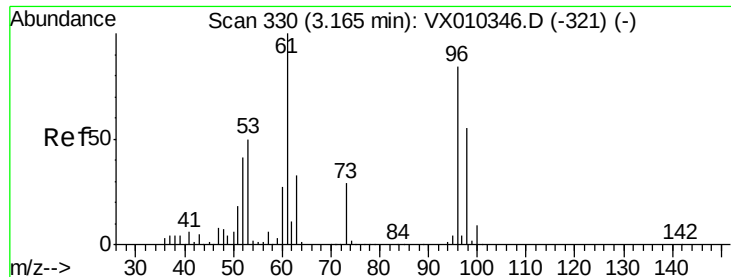
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#20
Methylene Chloride
Concen: 50.200 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.3	87.5	131.3
51	34.1	27.7	41.5
86	64.4	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 48.022 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

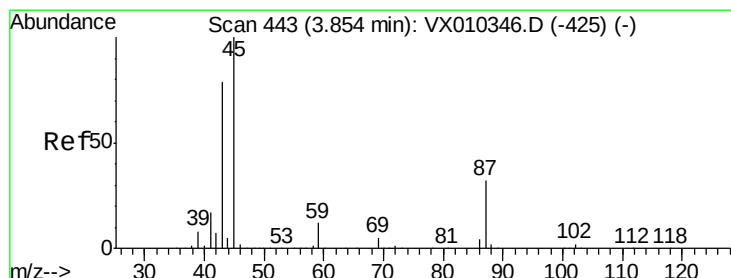
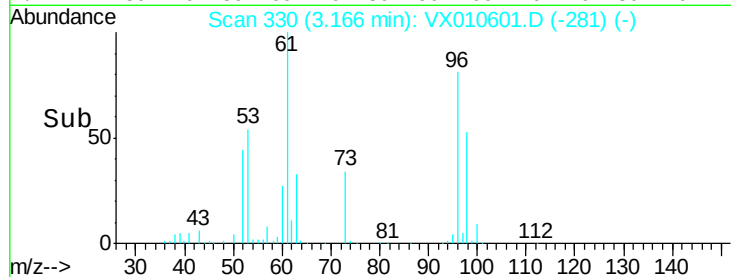
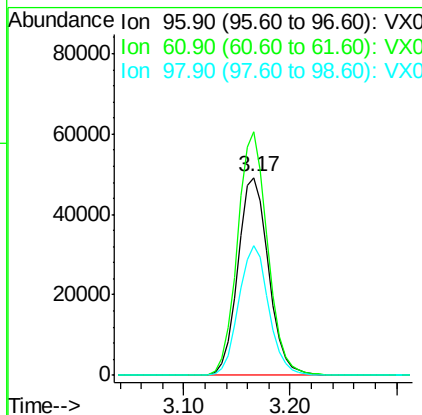
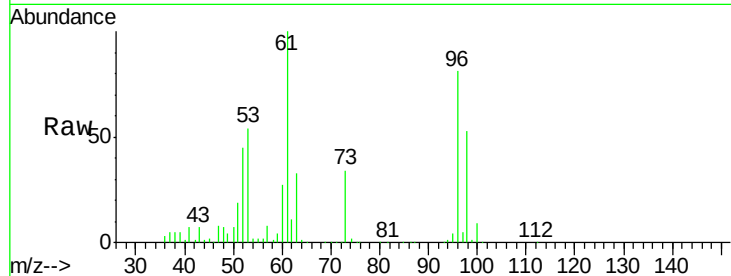
ClientSampleId :

PK-10IMS

Tot Ion:	96	Resp:	99912
Ion	Ratio	Lower	Upper
96	100		
61	123.1	95.6	143.4
98	65.3	52.5	78.7

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#22

Diisopropyl ether

Concen: 51.952 ug/l

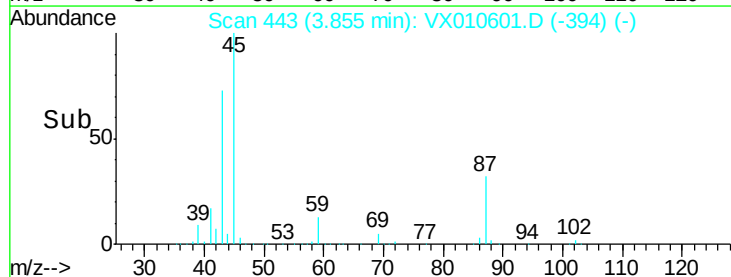
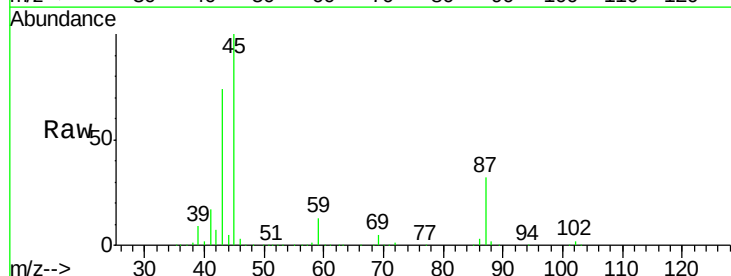
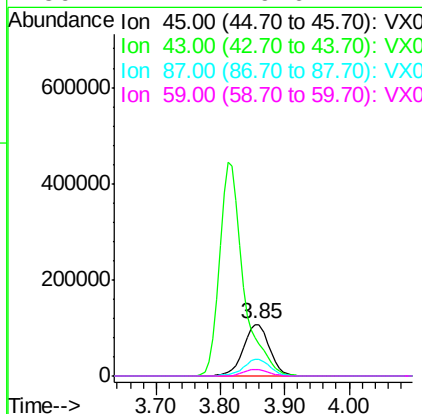
RT: 3.85 min Scan# 443

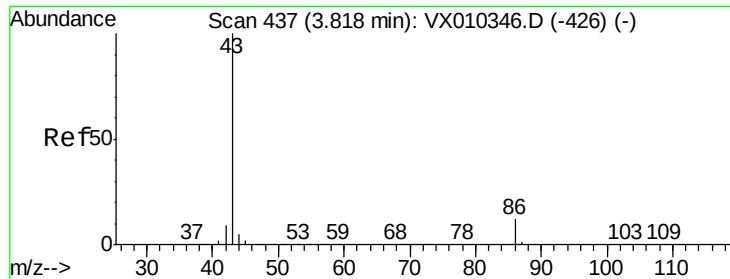
Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Tgt Ion:	45	Resp:	298314
Ion	Ratio	Lower	Upper
45	100		
43	73.4	63.3	94.9
87	31.7	25.8	38.8
59	12.7	9.6	14.4





#23

Vinyl Acetate

Concen: 233.425 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PK-10IMS

Tot Ion: 43 Resp: 1157919

Ion Ratio Lower Upper

43 100

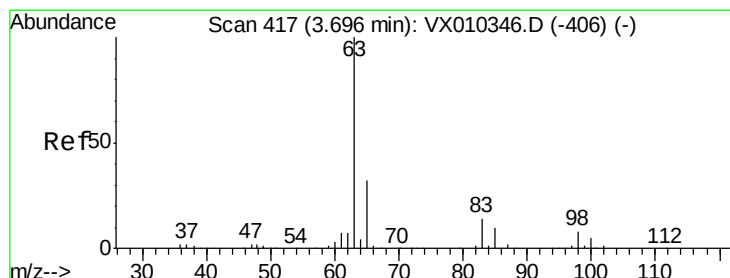
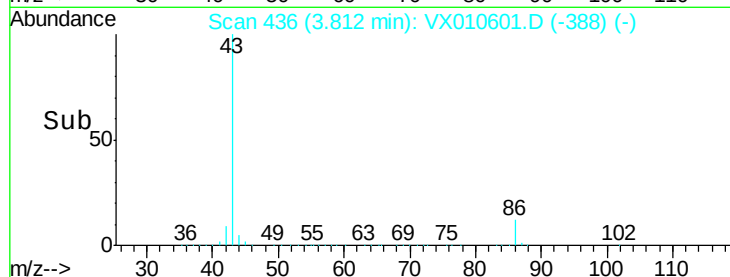
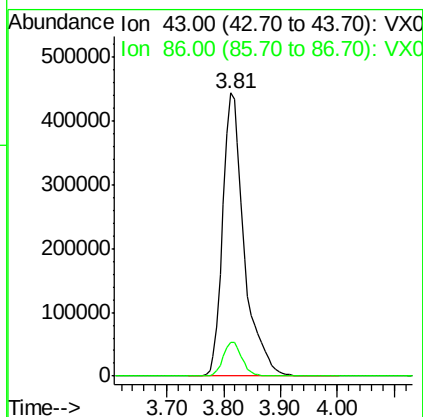
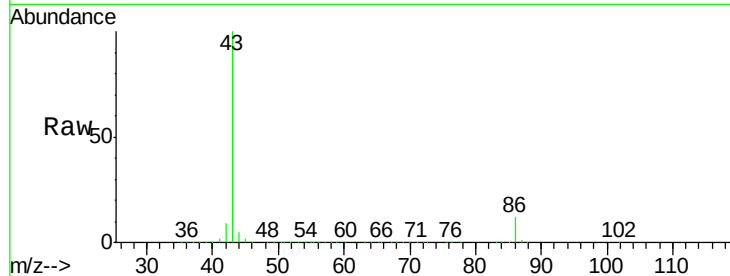
86 12.0 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.416 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

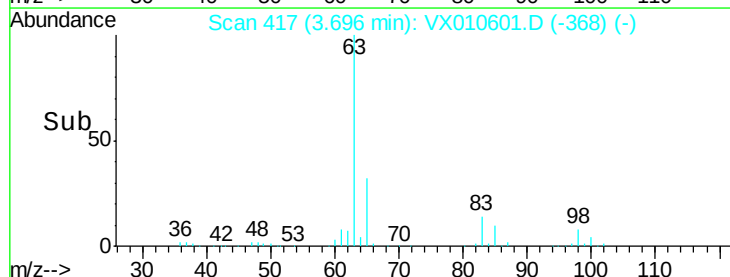
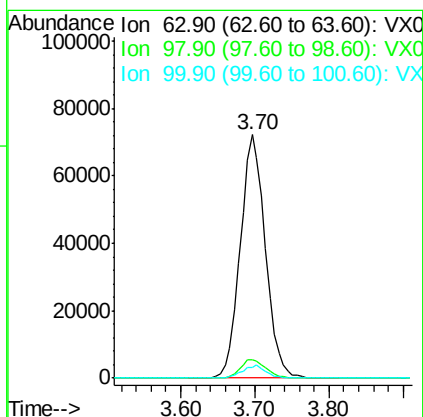
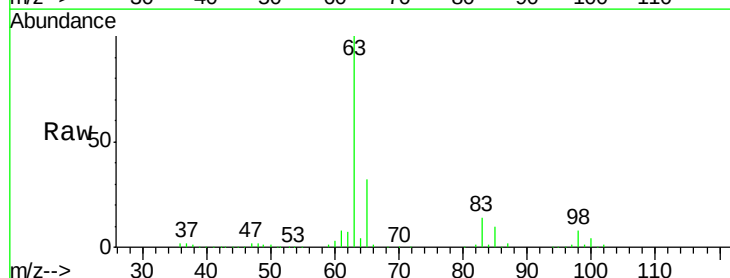
Tgt Ion: 63 Resp: 170656

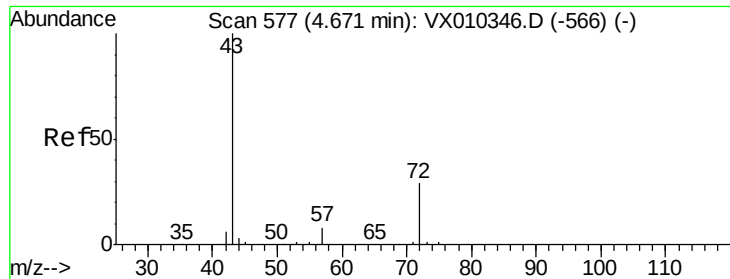
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 246.128 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PK-10IMS

Tot Ion: 43 Resp: 378627

Ion Ratio Lower Upper

43 100

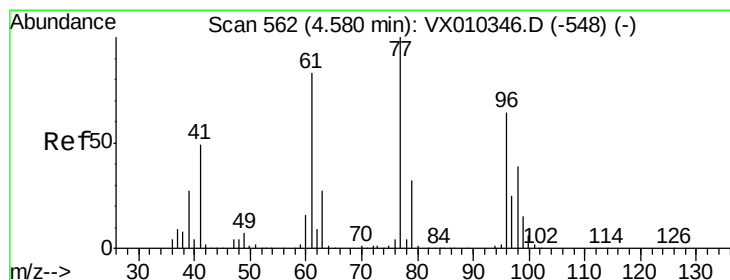
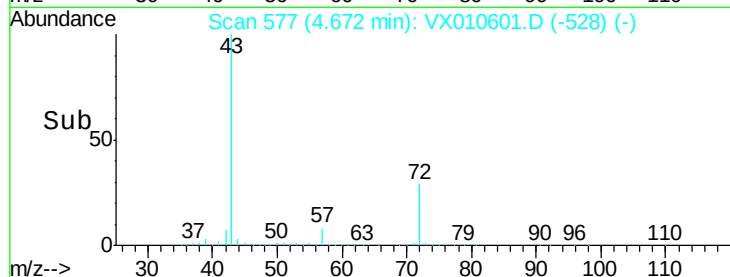
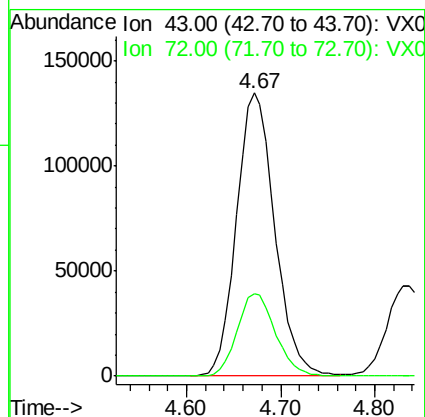
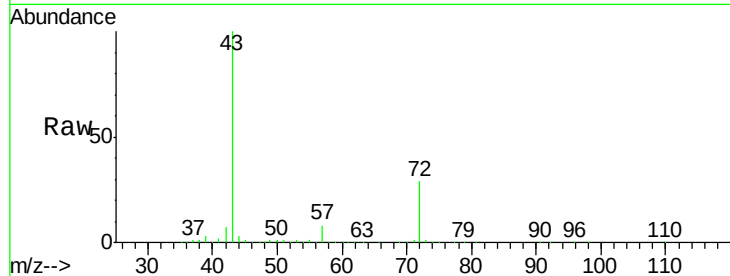
72 29.1 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 39.263 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010601.D

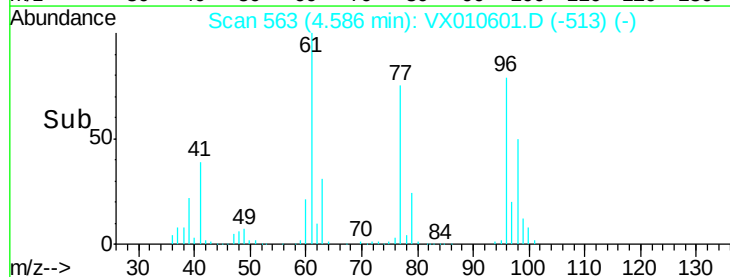
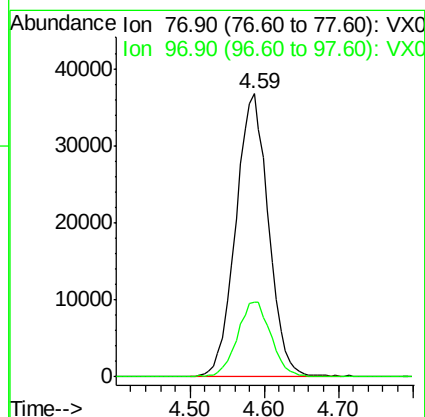
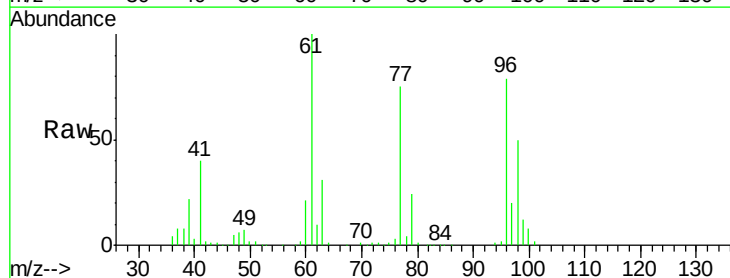
Acq: 01 Jul 2019 19:14

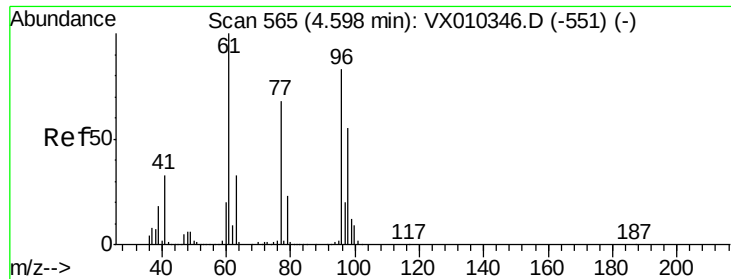
Tgt Ion: 77 Resp: 113208

Ion Ratio Lower Upper

77 100

97 27.3 13.1 39.3





#27

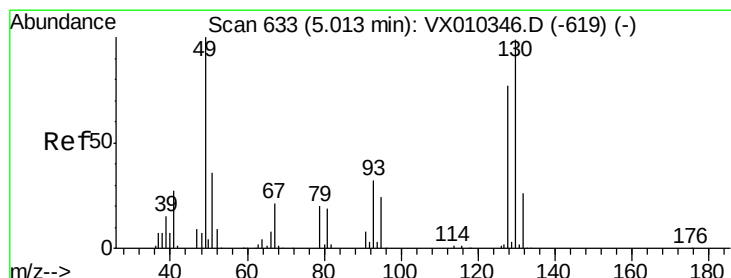
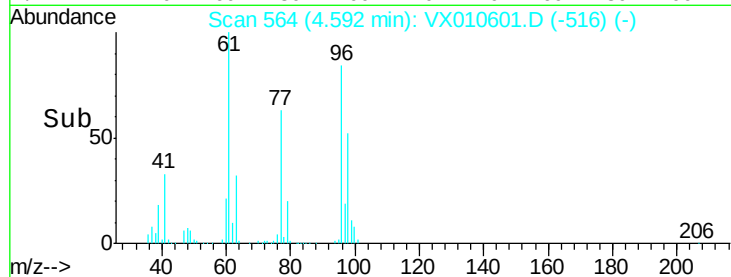
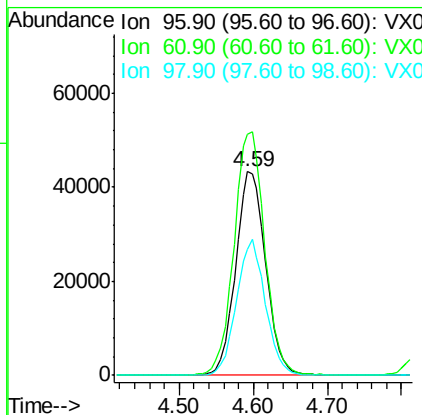
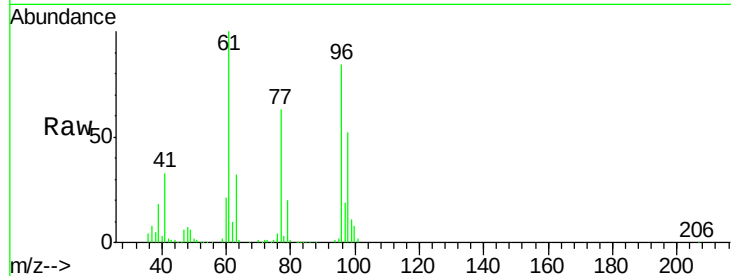
cis-1,2-Dichloroethene
 Concen: 50.956 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122510		
61	123.2	0.0	251.8	
98	64.3	0.0	129.4	

Manual Integrations
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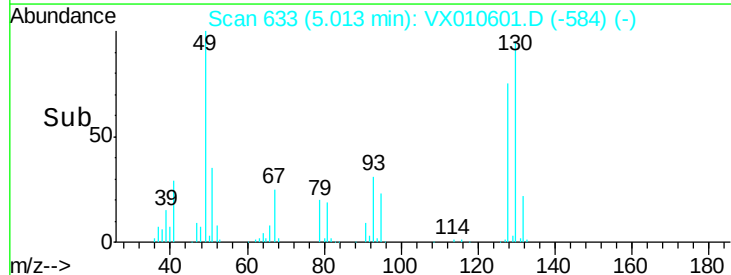
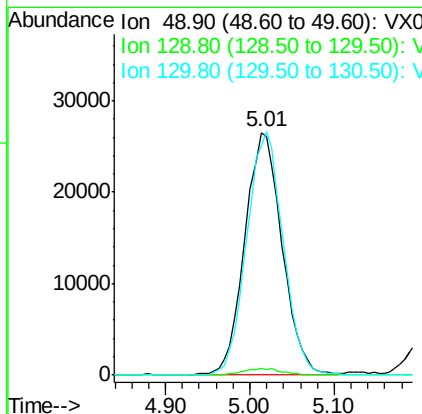
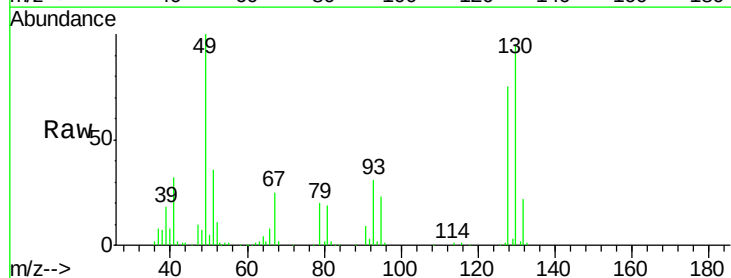
MMDadoda
 7/2/2019 9:55:28 AM

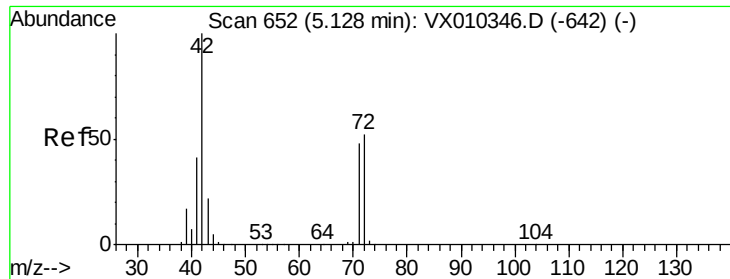


#28

Bromochloromethane
 Concen: 49.938 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79249		
129	2.8	0.0	5.6	
130	98.8	81.4	122.0	





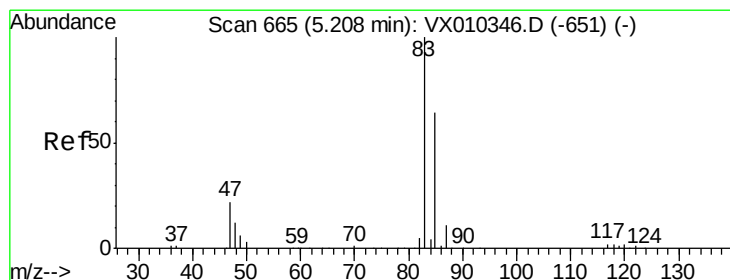
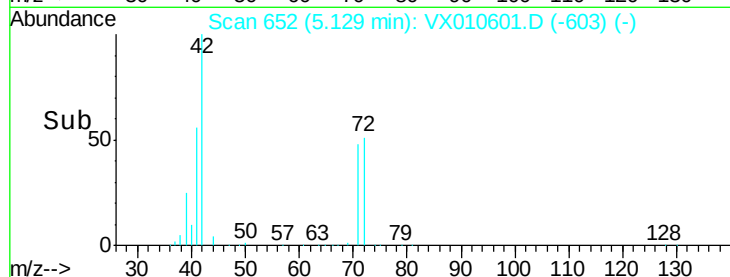
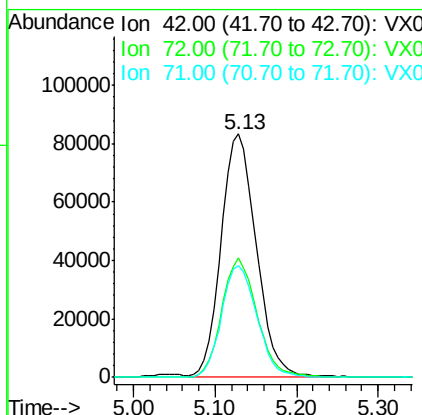
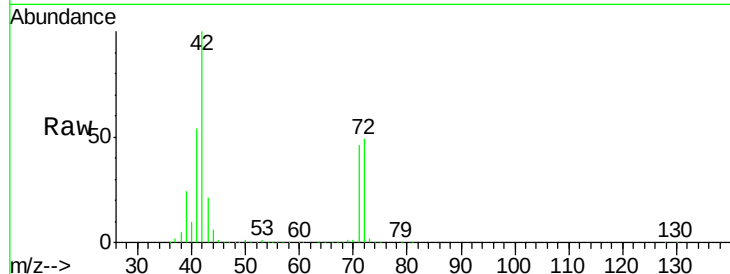
#29
Tetrahydrofuran
Concen: 259.422 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.7	40.6	60.8
71	46.6	37.8	56.8

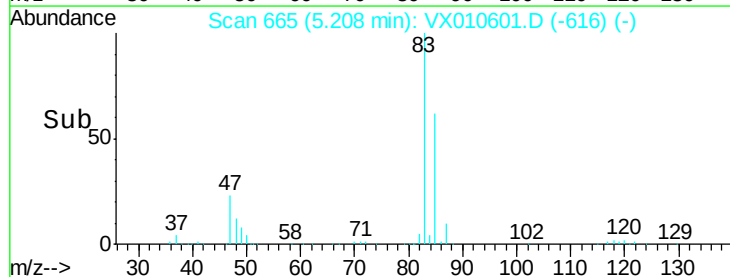
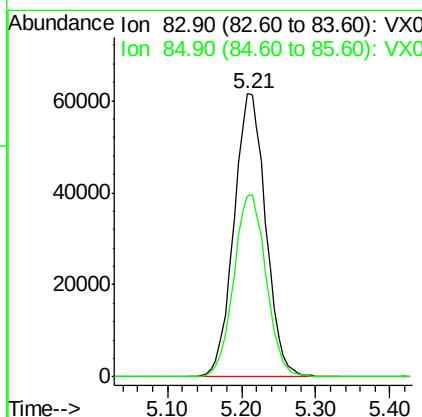
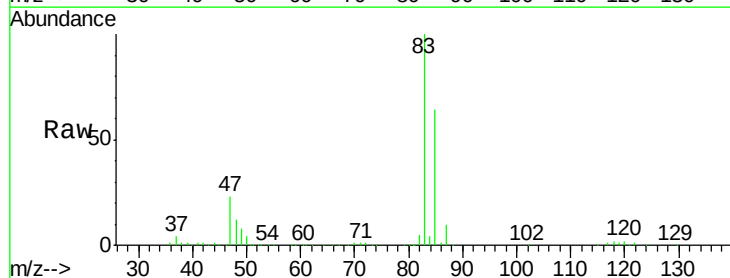
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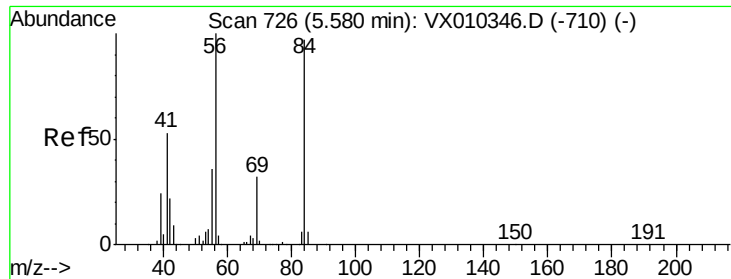
MMDadoda
7/2/2019 9:55:28 AM



#30
Chloroform
Concen: 51.528 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.9	76.3





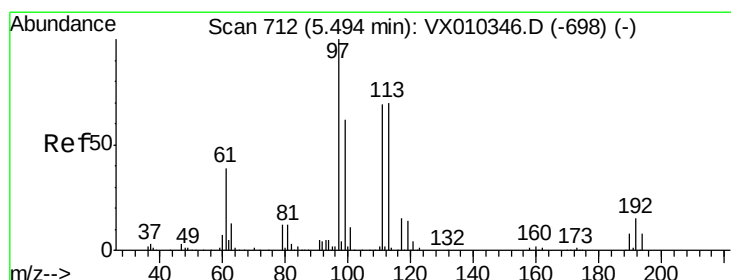
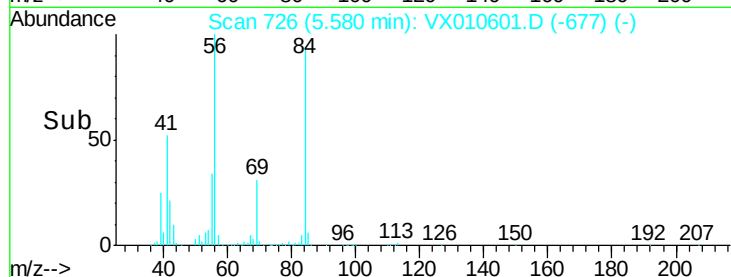
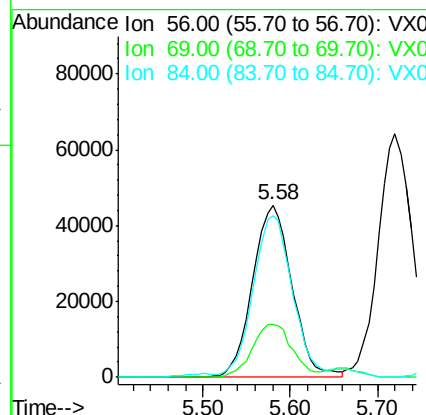
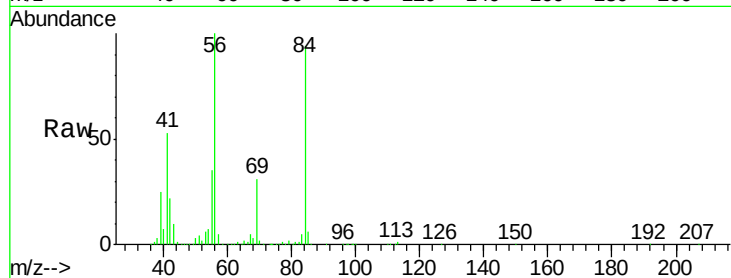
#31
Cyclohexane
Concen: 47.029 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.9	38.9
84	92.3	78.0	117.0

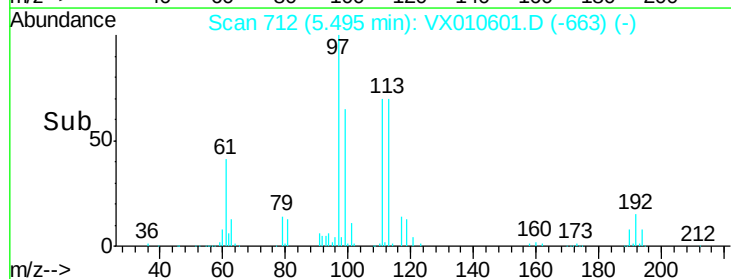
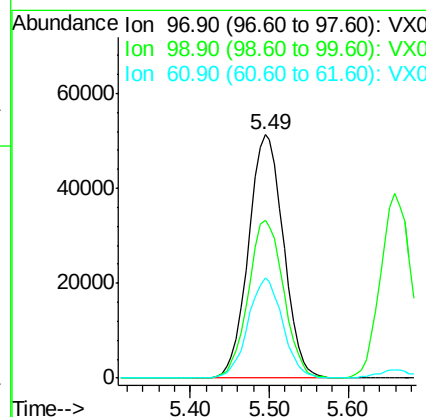
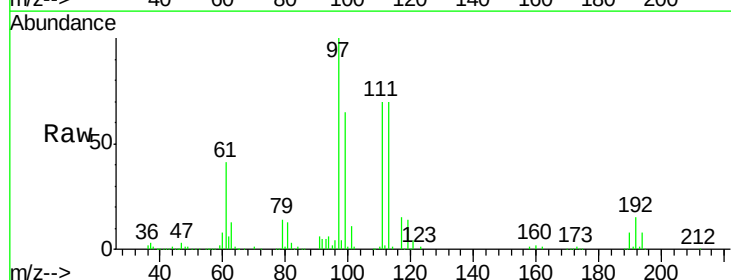
Manual Integrations
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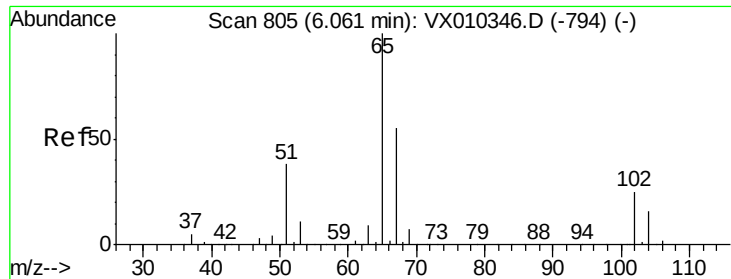
MMDadoda
7/2/2019 9:55:28 AM



#32
1,1,1-Trichloroethane
Concen: 50.235 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.8
61	40.8	32.1	48.1





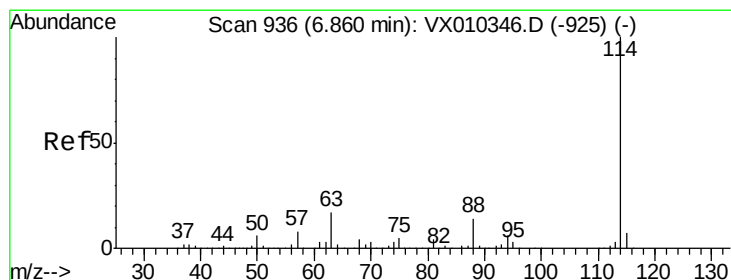
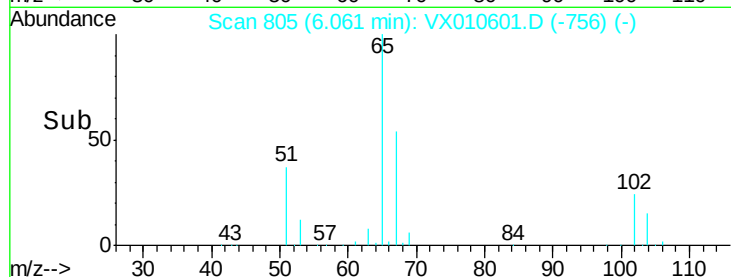
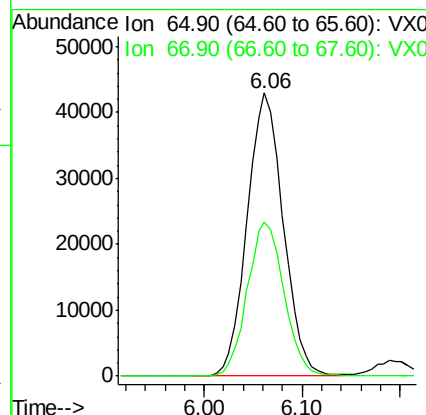
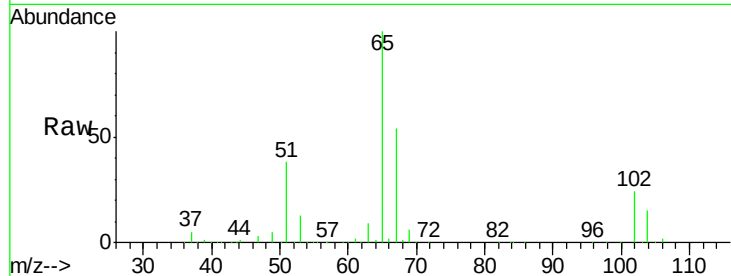
#33
 1,2-Dichloroethane-d4
 Concen: 52.767 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleID :
 PK-10IMS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110416		
67	55.3	0.0	110.2	

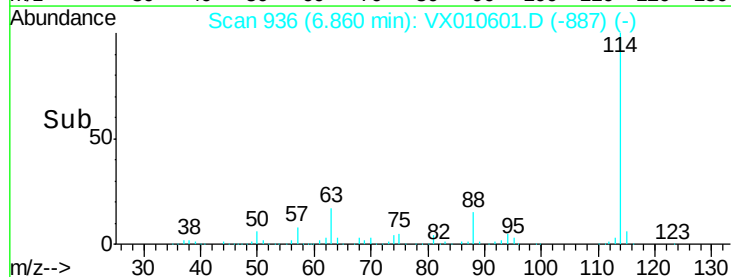
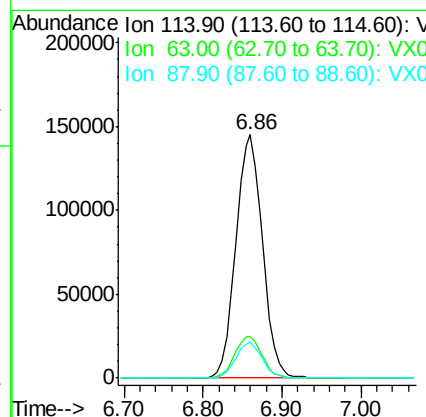
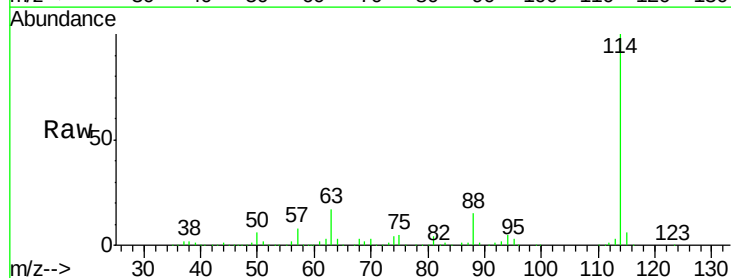
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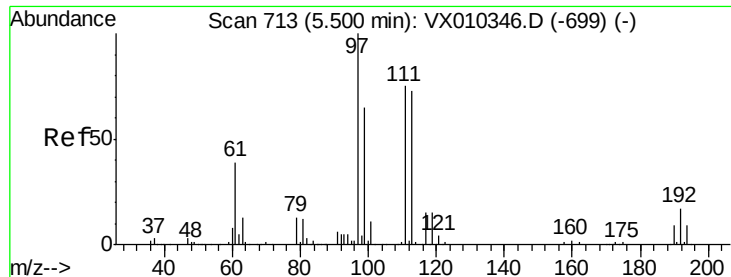
MMDadoda
 7/2/2019 9:55:28 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	340339		
63	17.0	0.0	33.8	
88	15.1	0.0	27.6	





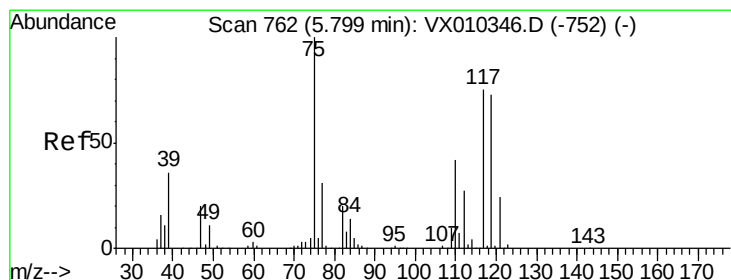
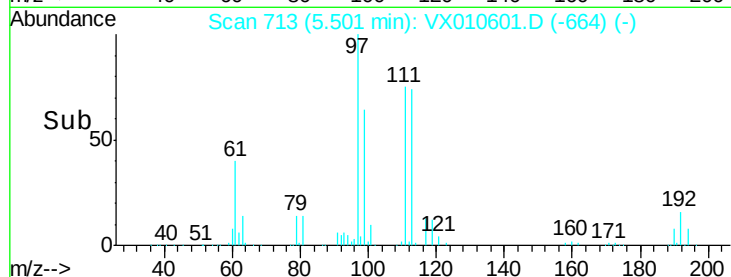
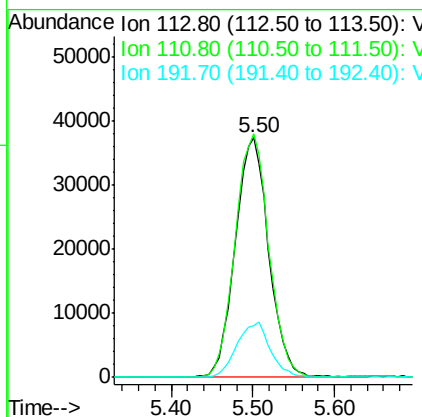
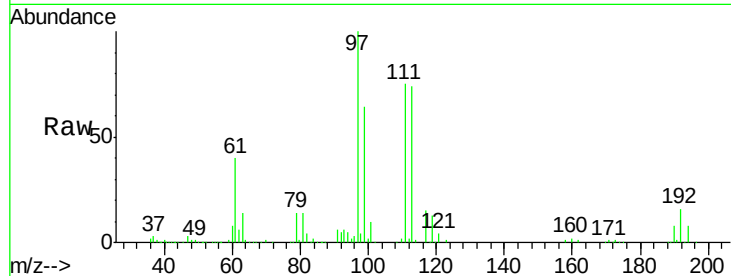
#35
 Dibromofluoromethane
 Concen: 51.006 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.2	121.8
192	22.9	18.6	27.8

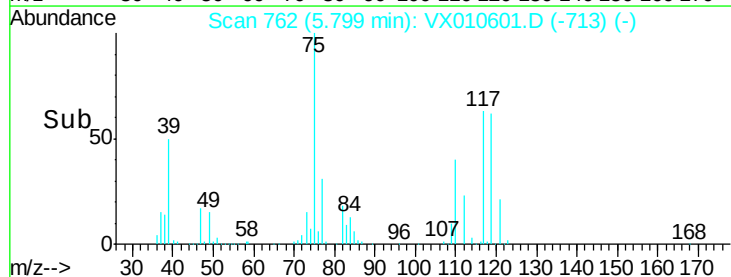
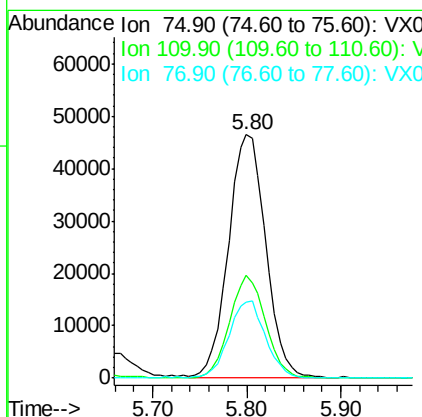
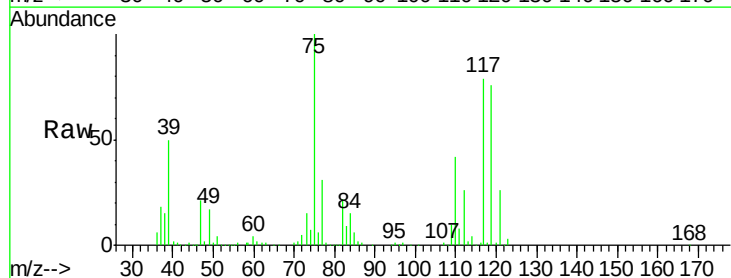
Manual Integrations
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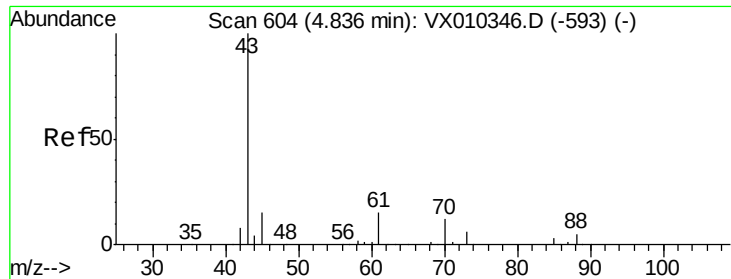
MMDadoda
 7/2/2019 9:55:28 AM



#36
 1,1-Dichloropropene
 Concen: 47.200 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.8	20.8	62.2
77	31.6	25.4	38.0





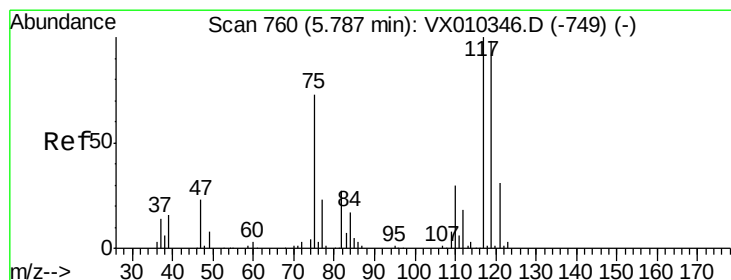
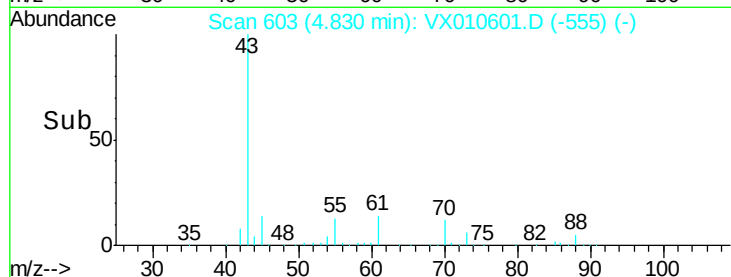
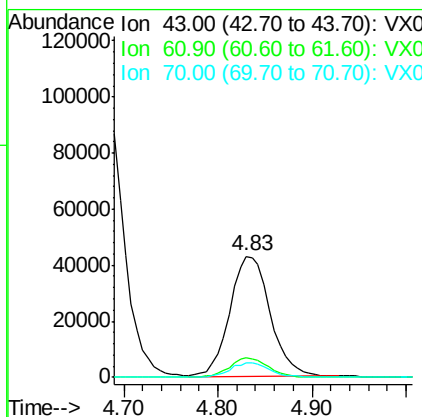
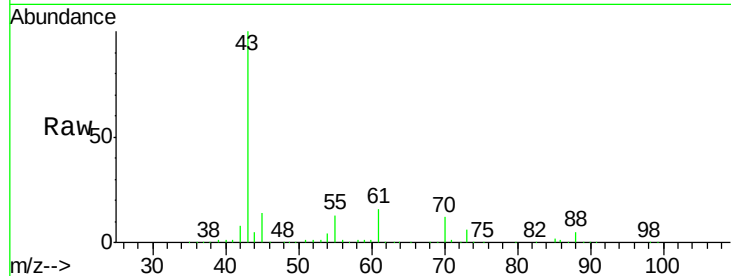
#37
Ethyl Acetate
Concen: 45.768 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
PK-10IMS

Tot Ion	43	Resp	127341
Ion Ratio	Lower	Upper	
43	100		
61	16.1	12.4	18.6
70	12.0	9.8	14.8

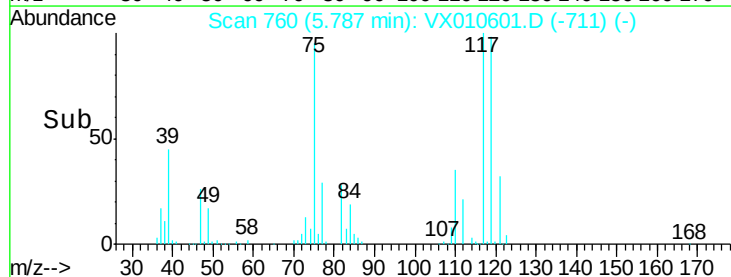
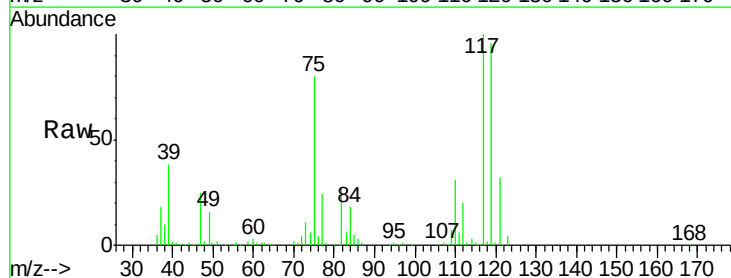
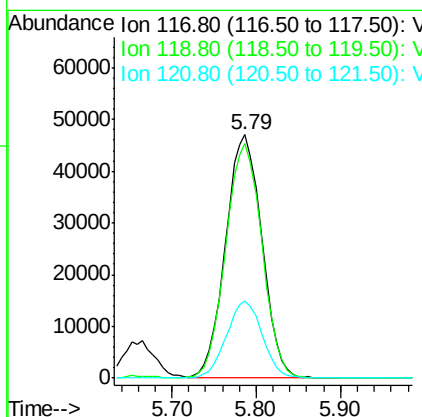
Manual Integrations
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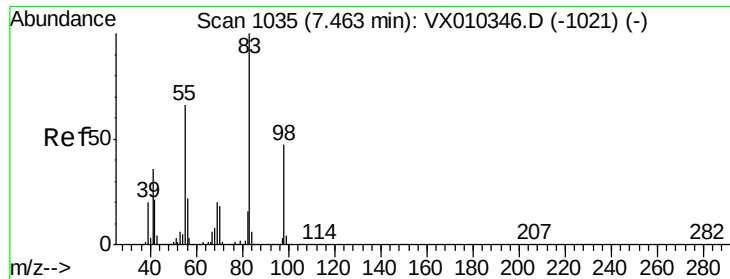
MMDadoda
7/2/2019 9:55:28 AM



#38
Carbon Tetrachloride
Concen: 47.137 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	117	Resp	138048
Ion Ratio	Lower	Upper	
117	100		
119	96.1	78.2	117.4
121	31.8	24.7	37.1





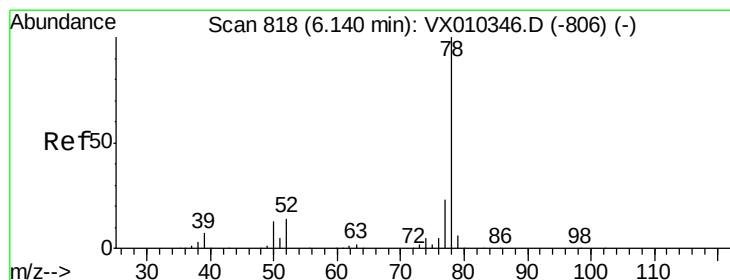
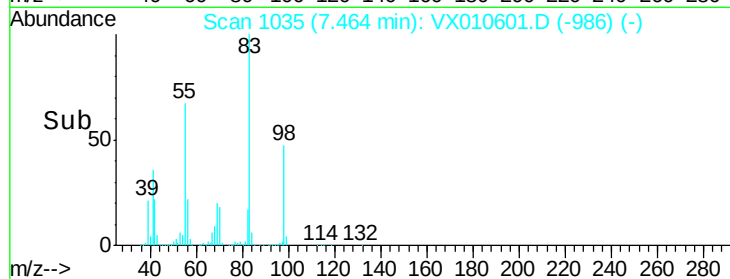
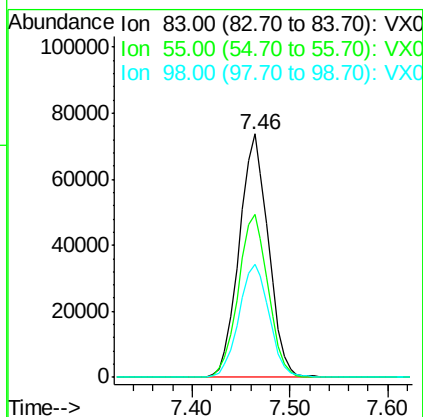
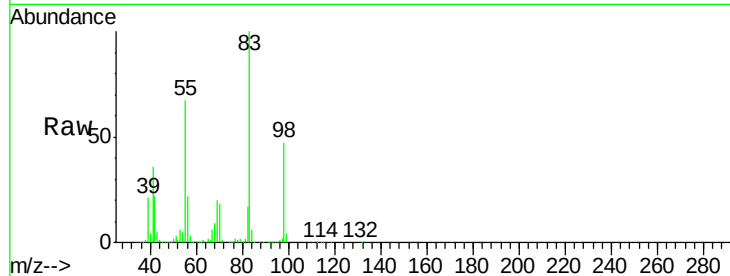
#39
Methylvlcyclohexane
Concen: 42.900 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
PK-10IMS

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.9	53.0	79.6
98	46.7	37.8	56.8

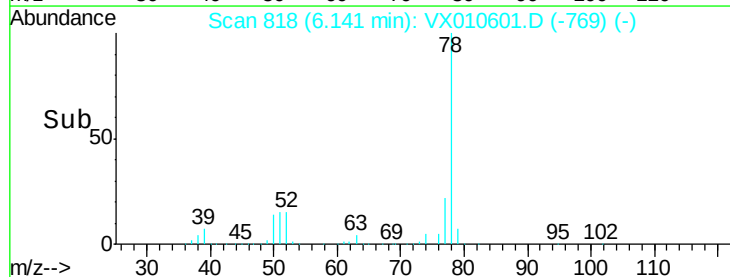
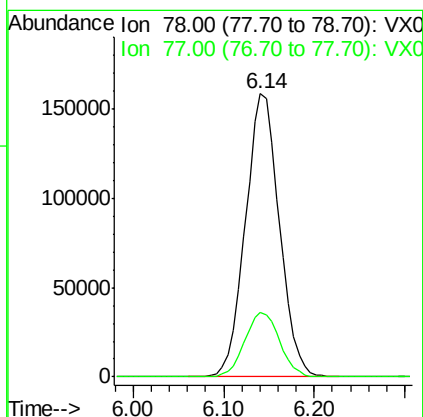
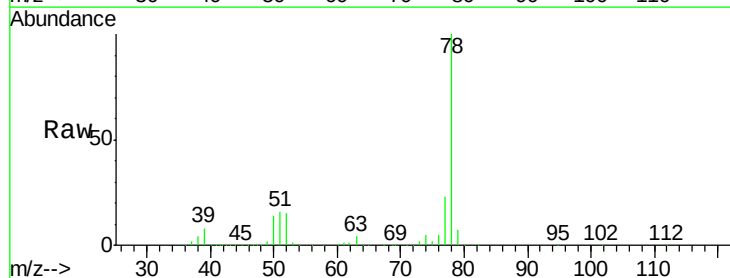
Manual Integrations
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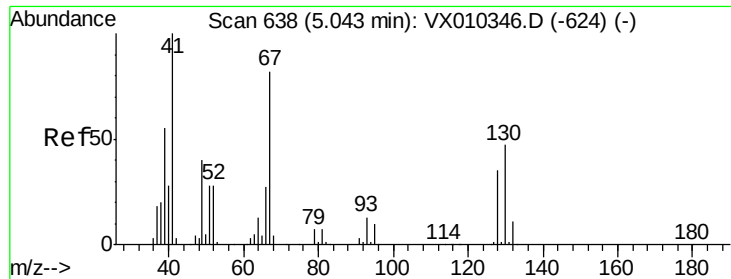
MMDadoda
7/2/2019 9:55:28 AM



#40
Benzene
Concen: 48.853 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





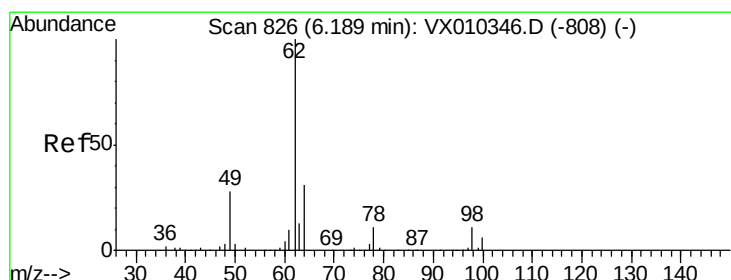
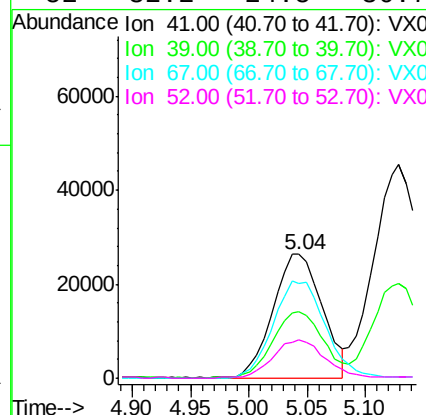
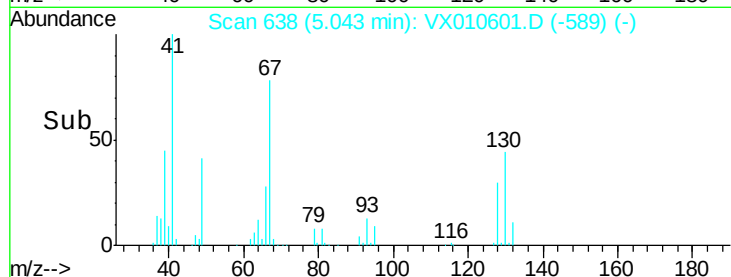
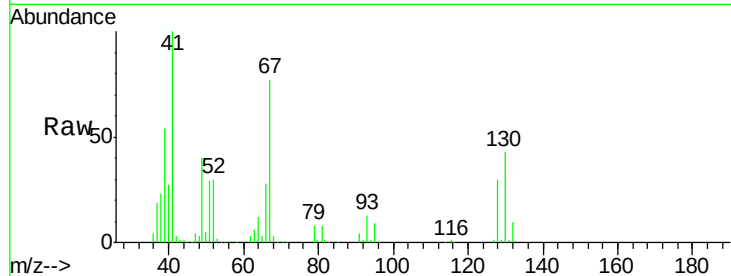
#41
Methacrylonitrile
Concen: 50.503 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	43.8	65.8	
67	84.2	66.6	100.0	
52	32.2	24.5	36.7	

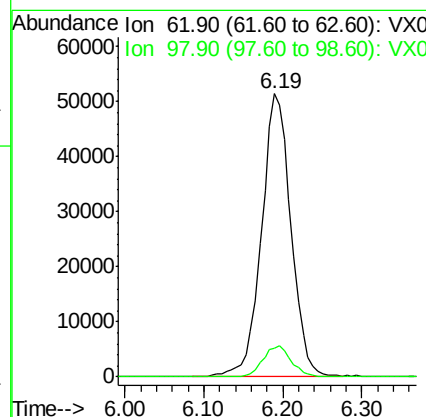
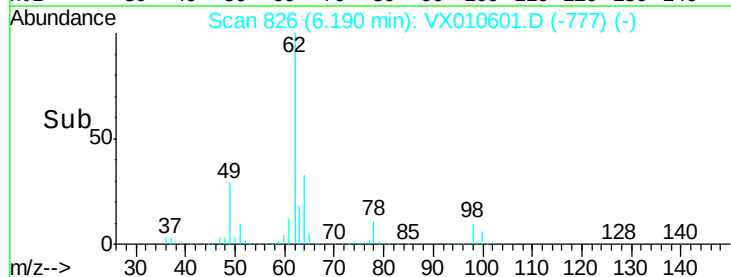
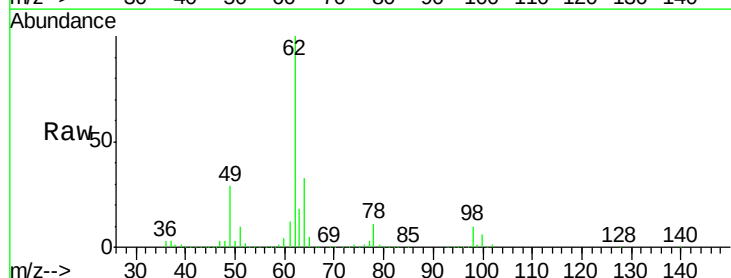
Manual Integrations
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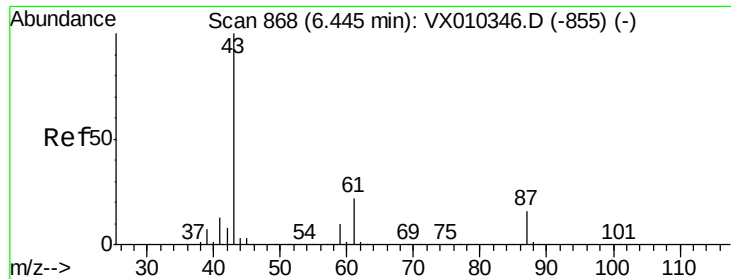
MMDadoda
7/2/2019 9:55:28 AM



#42
1,2-Dichloroethane
Concen: 51.782 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	22.2	





#43

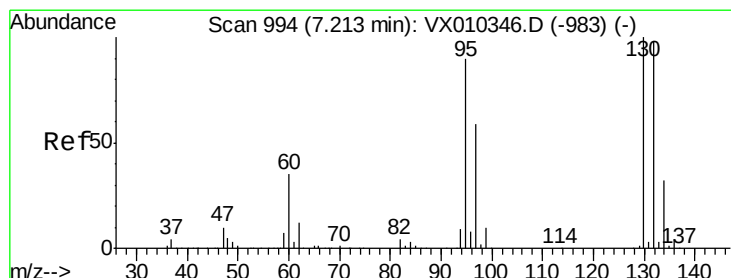
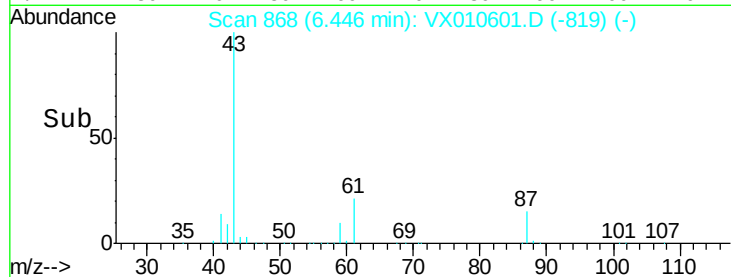
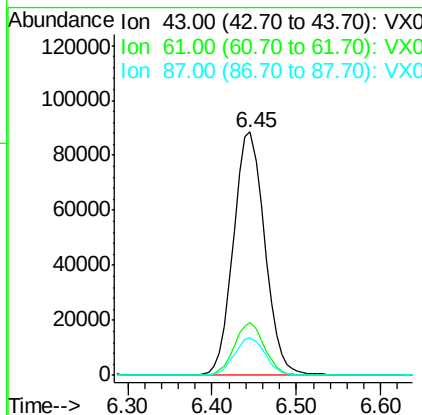
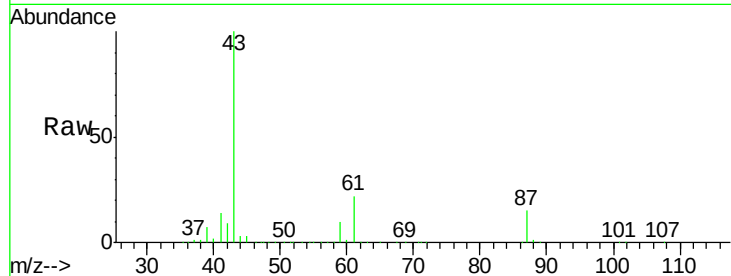
Isopropyl Acetate
 Concen: 48.121 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.8	26.6
87	15.3	13.0	19.4

Manual Integrations
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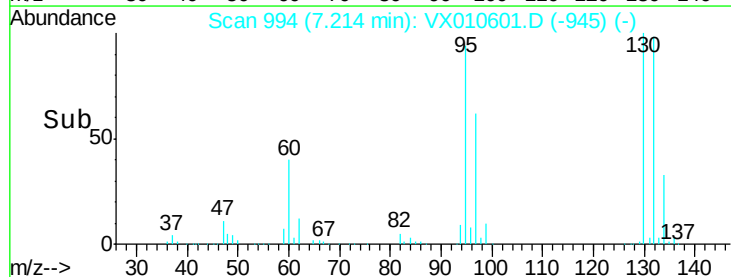
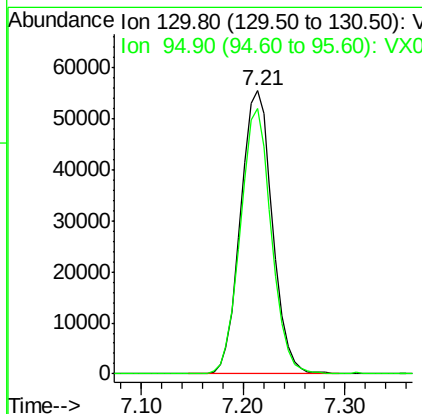
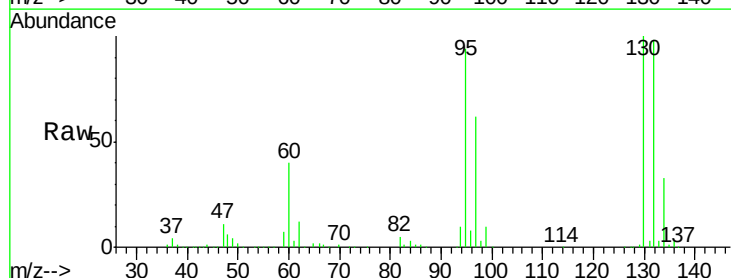
MMDadoda
 7/2/2019 9:55:28 AM

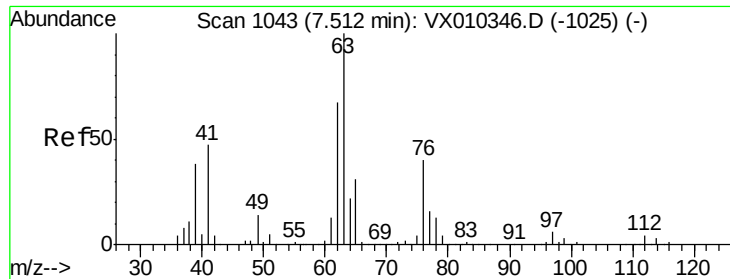


#44

Trichloroethene
 Concen: 47.769 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	180.8





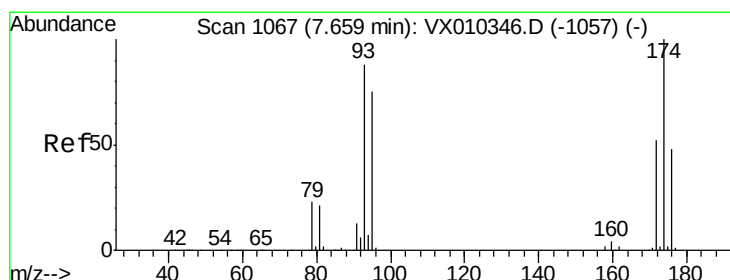
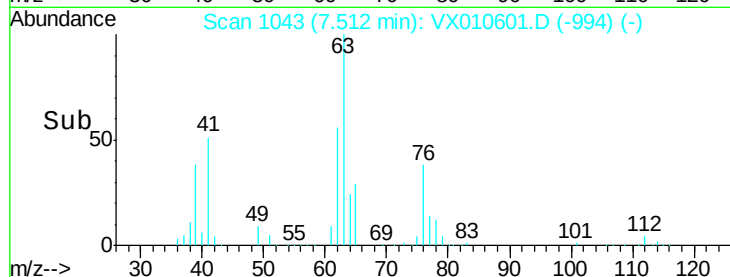
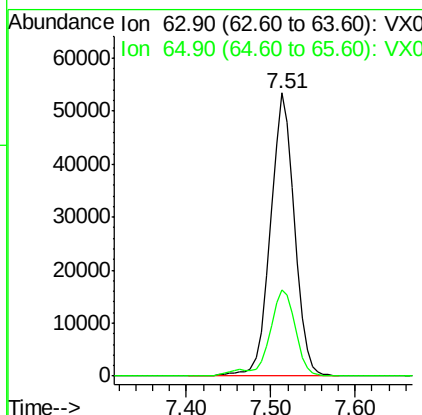
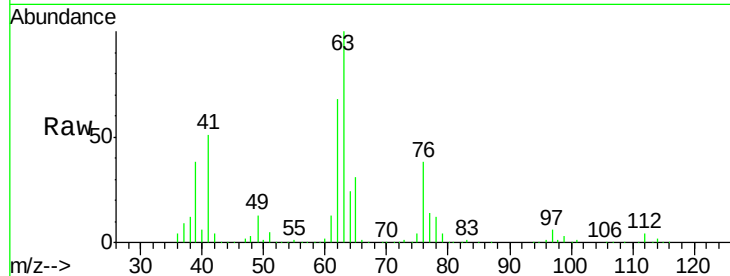
#45
 1,2-Dichloropropane
 Concen: 49.662 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Tot Ion: 63 Resp: 105670
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2

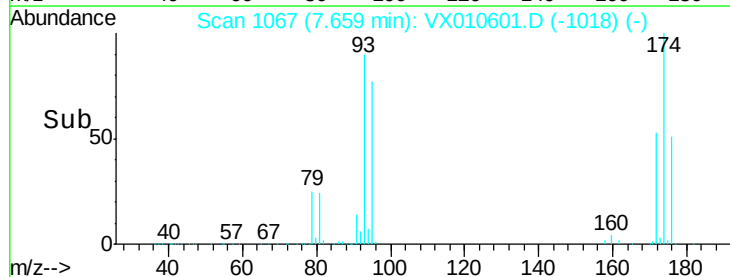
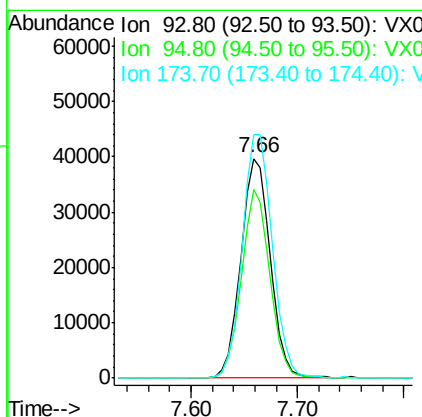
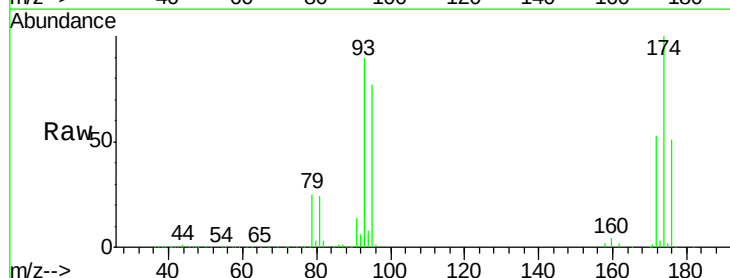
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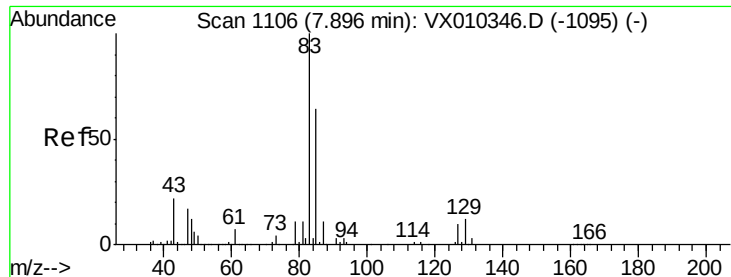
MMDadoda
 7/2/2019 9:55:28 AM



#46
 Dibromomethane
 Concen: 50.551 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 93 Resp: 77172
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.5 101.3
 174 113.8 95.8 143.6





#47

Bromodichloromethane

Concen: 49.544 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

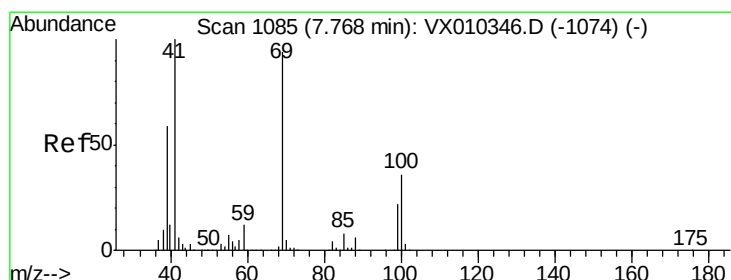
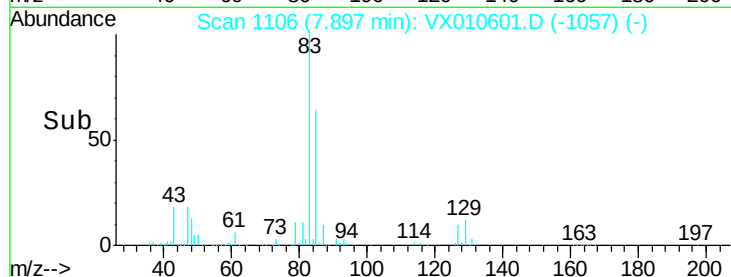
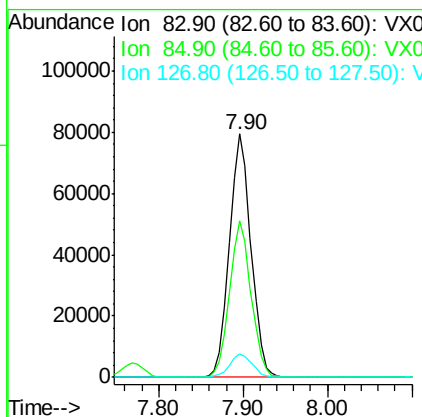
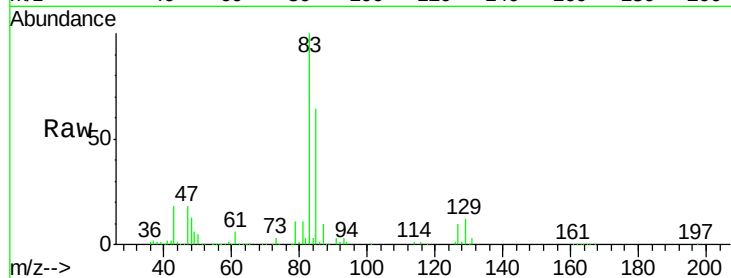
ClientSampled :

PK-10IMS

Tot Ion:	83	Resp:	138611
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3
127	9.6	7.8	11.8

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#48

Methyl methacrylate

Concen: 51.661 ug/l

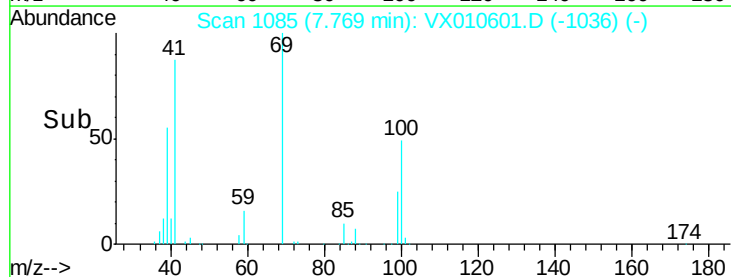
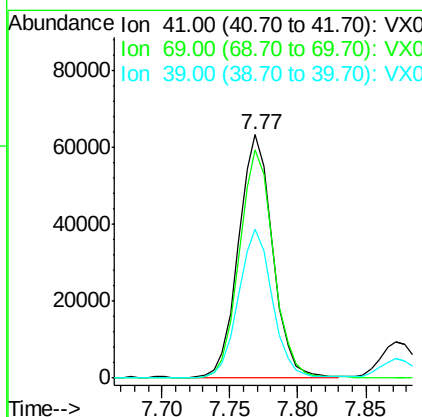
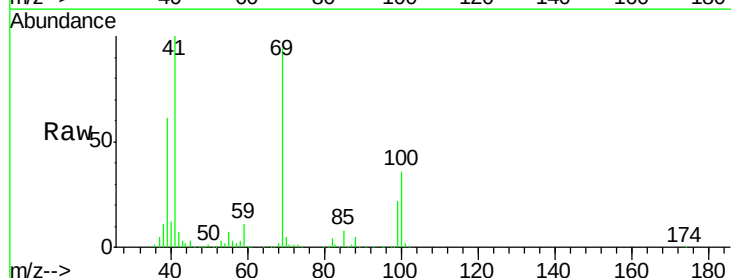
RT: 7.77 min Scan# 1085

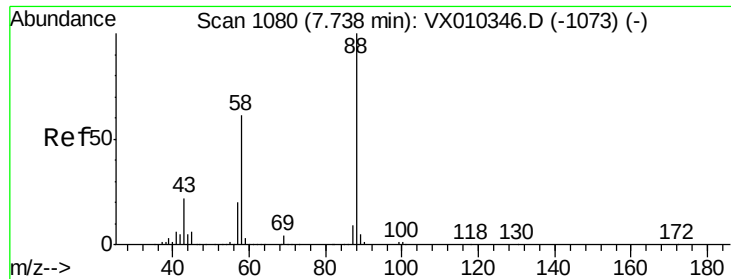
Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Tgt Ion:	41	Resp:	110537
Ion	Ratio	Lower	Upper
41	100		
69	95.0	76.1	114.1
39	60.7	47.6	71.4





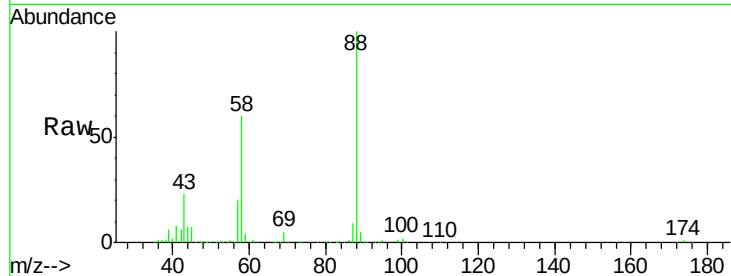
#49
1,4-Dioxane
Concen: 891.184 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

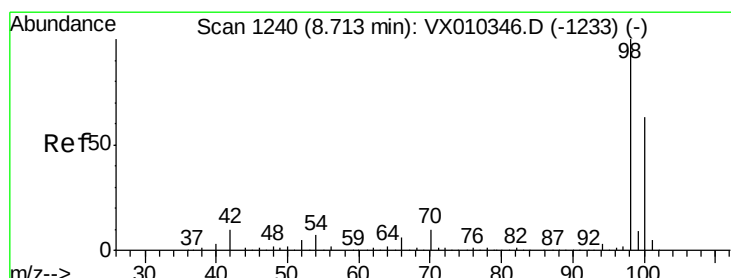
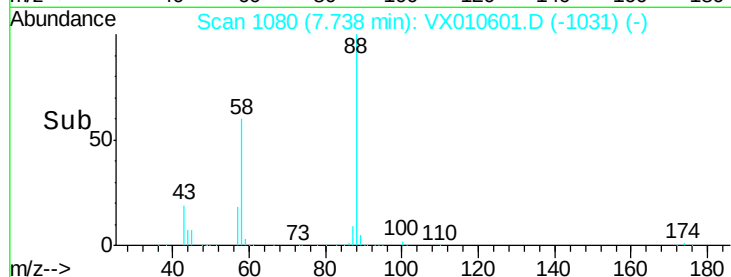
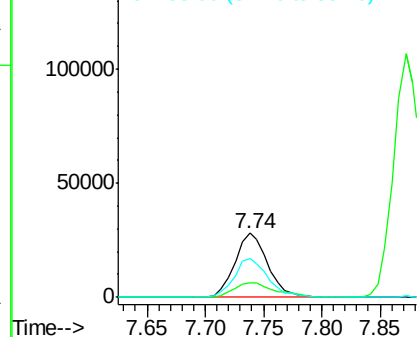
Tot Ion	Ratio	Lower	Upper
88	100		
43	27.4	20.2	30.2
58	62.5	49.5	74.3

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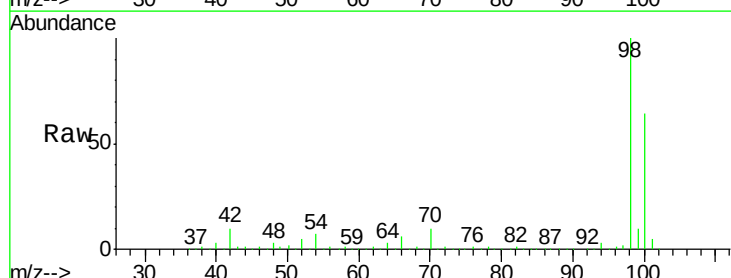


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

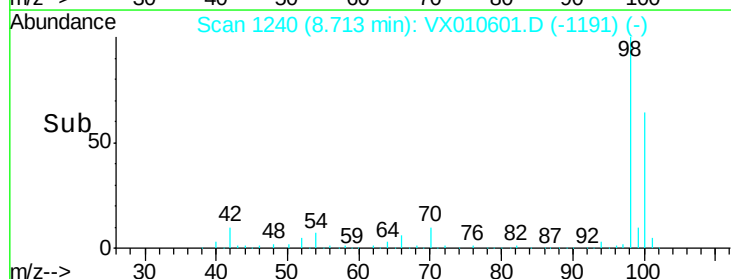
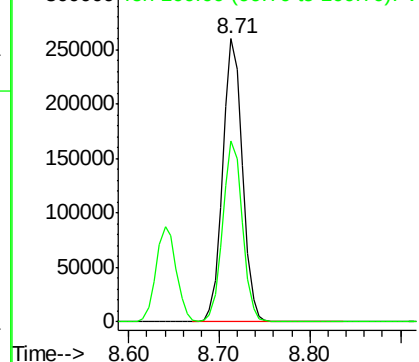


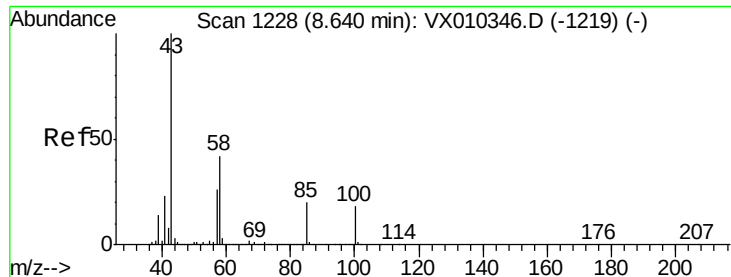
#50
Toluene-d8
Concen: 49.621 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





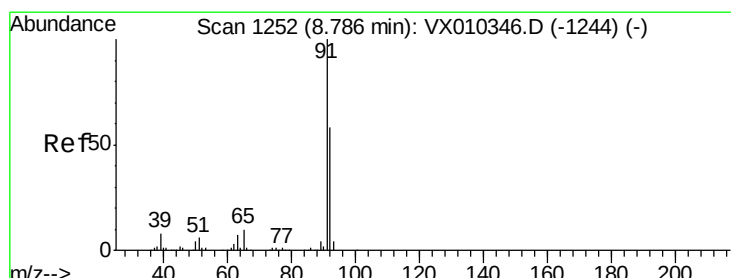
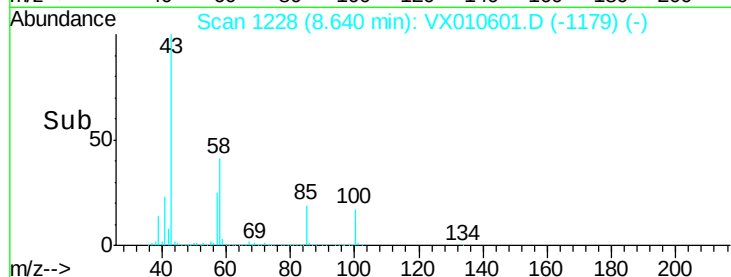
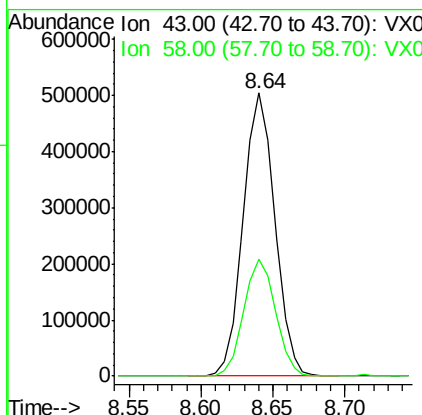
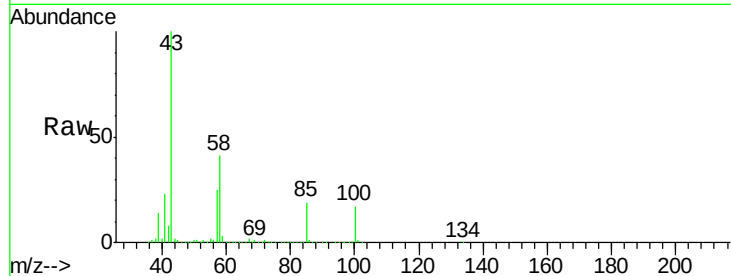
#51
4-Methyl-2-Pentanone
Concen: 261.013 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
PK-10IMS

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.3	33.5	50.3

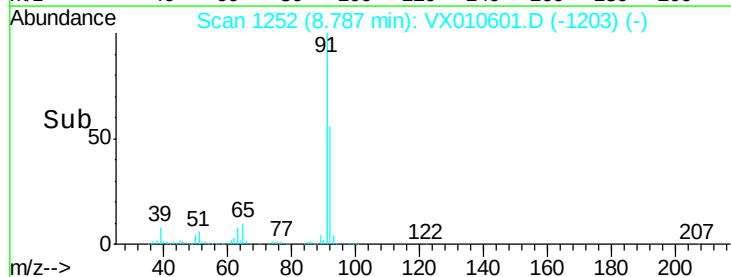
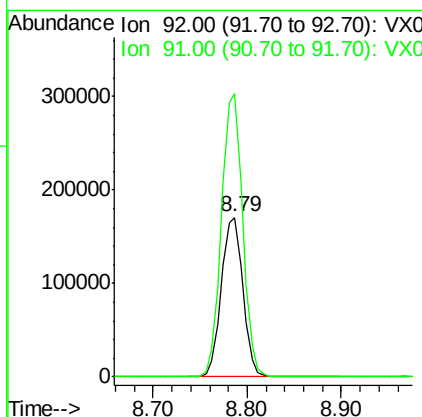
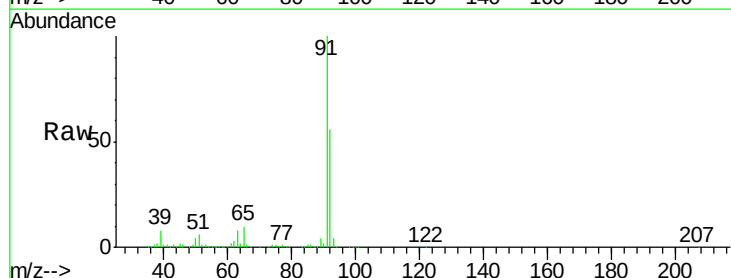
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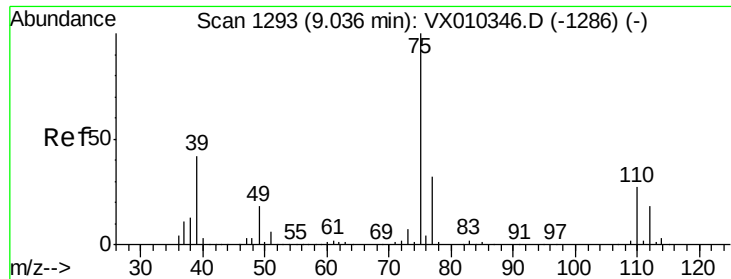
MMDadoda
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#52
Toluene
Concen: 48.691 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.8	139.8	209.6





#53

t-1,3-Dichloropropene

Concen: 46.676 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion: 75 Resp: 146406

Ion Ratio Lower Upper

75 100

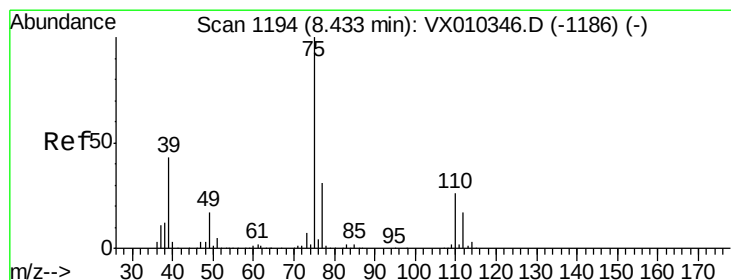
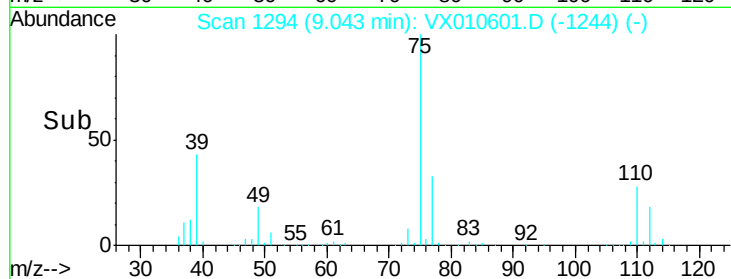
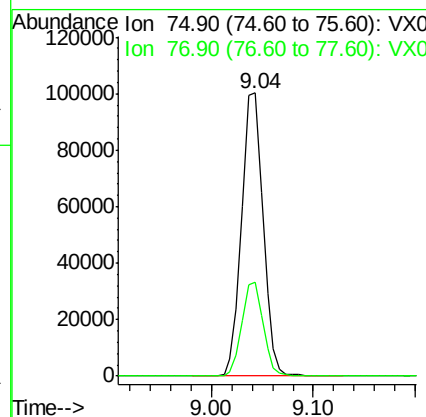
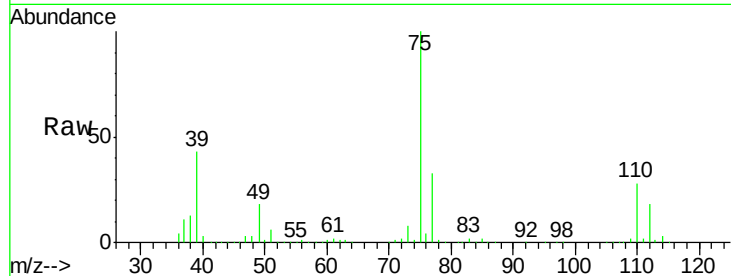
77 33.2 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 47.732 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

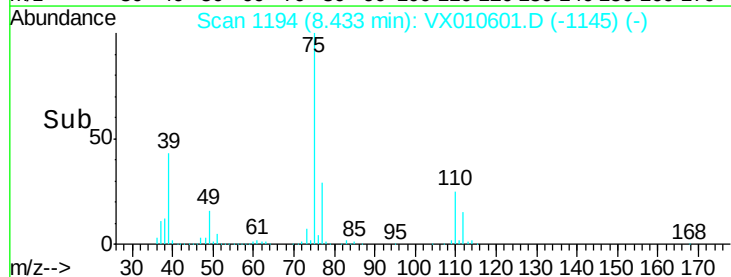
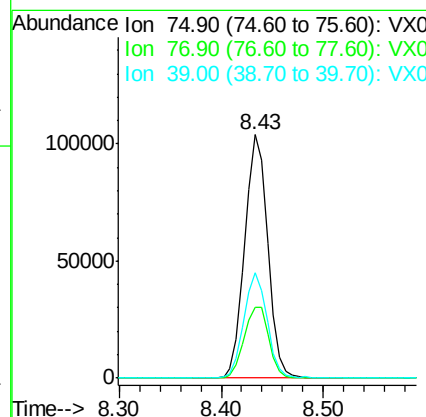
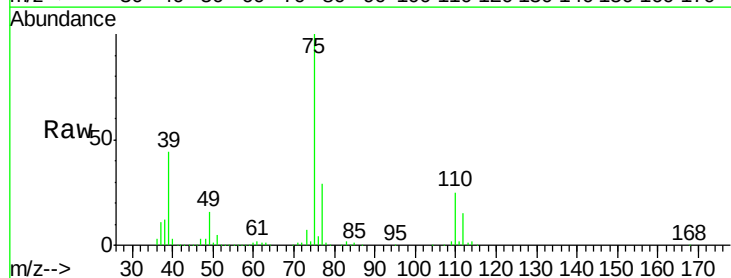
Tgt Ion: 75 Resp: 162700

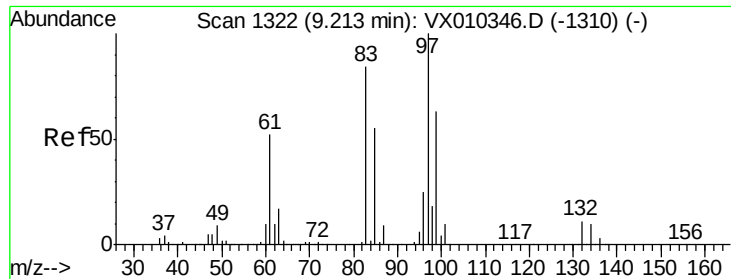
Ion Ratio Lower Upper

75 100

77 28.9 25.2 37.8

39 43.4 34.5 51.7





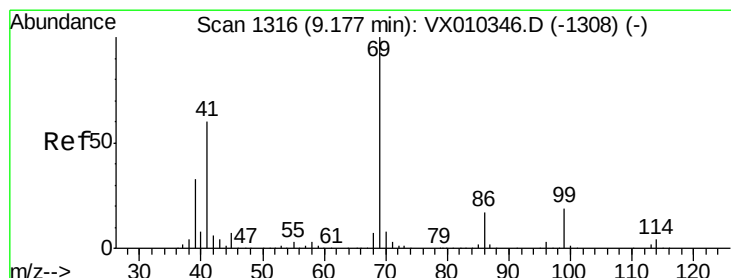
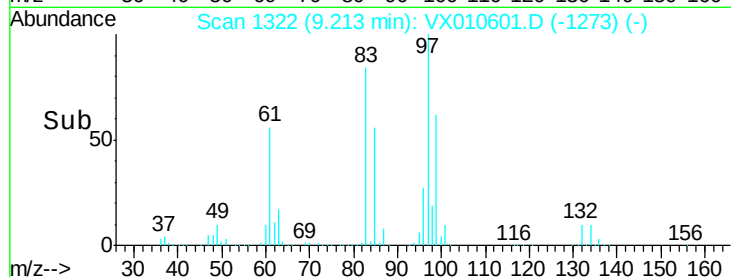
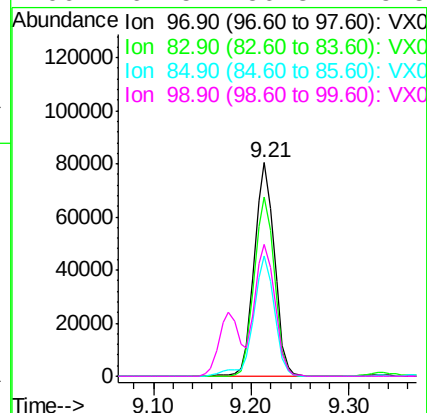
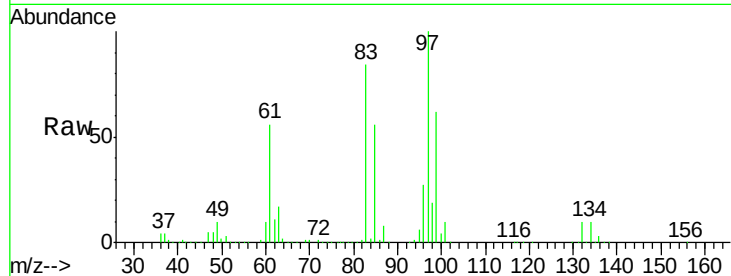
#55
 1,1,2-Trichloroethane
 Concen: 50.516 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		115602		
83	84.2	67.4	101.0		
85	56.1	43.8	65.8		
99	61.5	50.3	75.5		

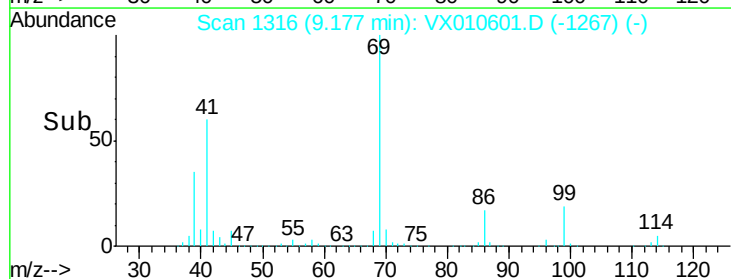
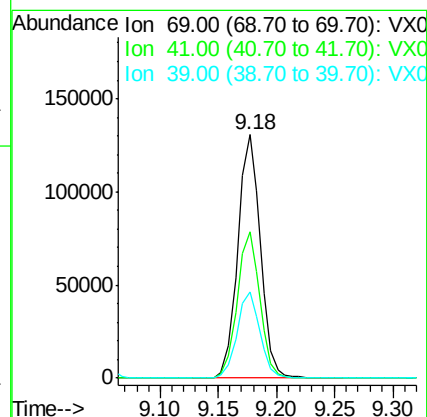
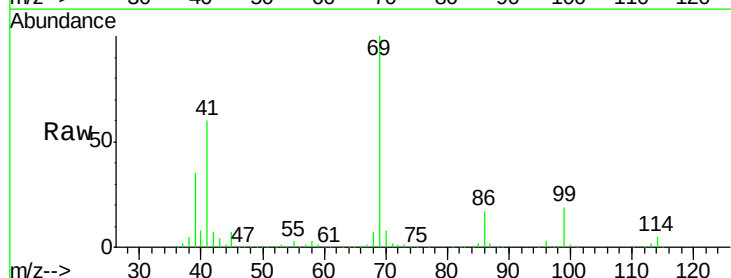
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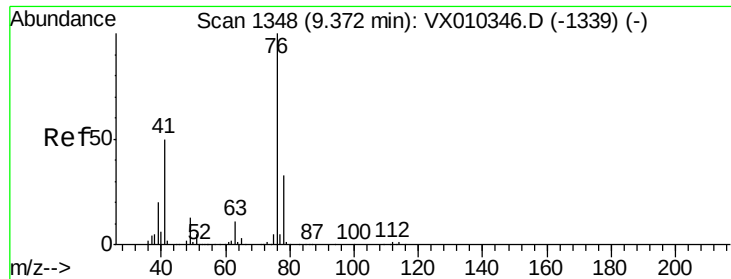
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#56
 Ethyl methacrylate
 Concen: 50.988 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		176757		
41	60.0	47.1	70.7		
39	35.1	26.6	40.0		





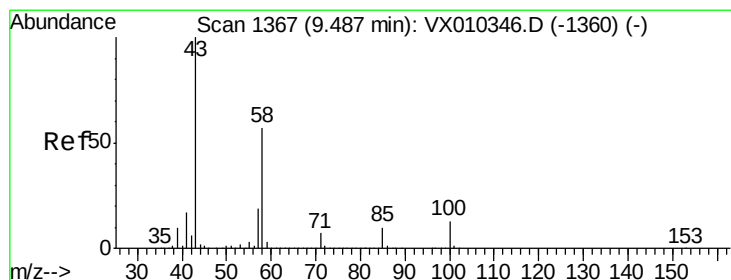
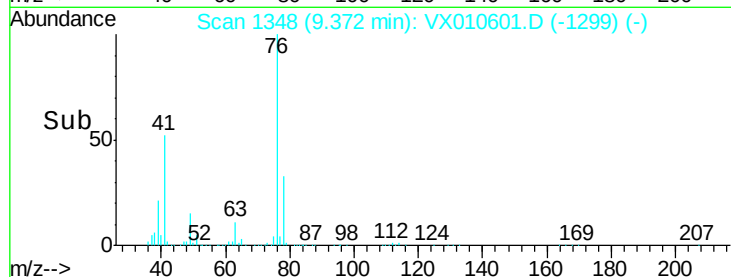
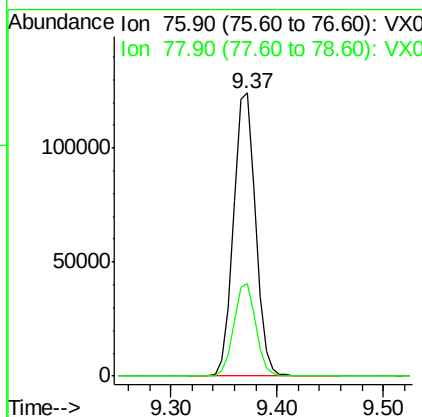
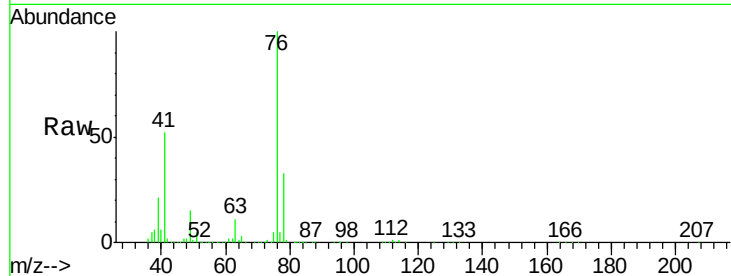
#57
 1,3-Dichloropropane
 Concen: 51.081 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampled :
 PK-10IMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

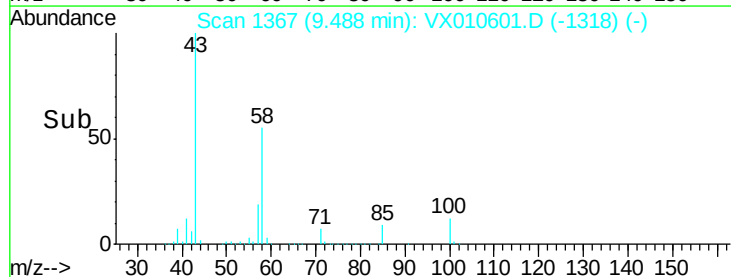
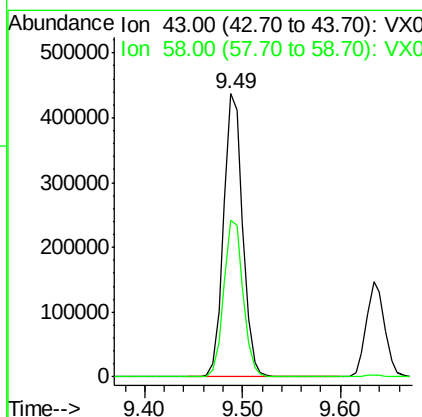
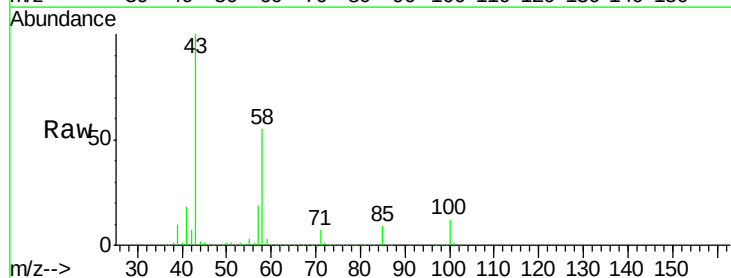
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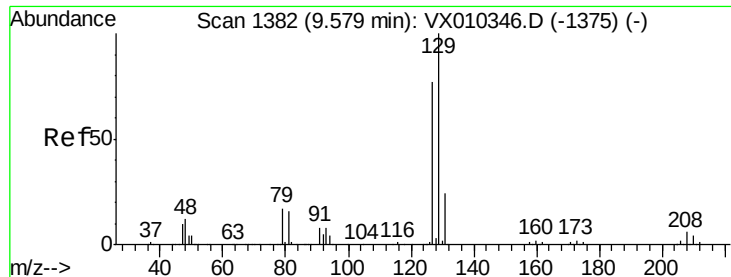
MMDadoda
 7/2/2019 9:55:28 AM



#59
 2-Hexanone
 Concen: 254.620 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.2	29.0	87.1





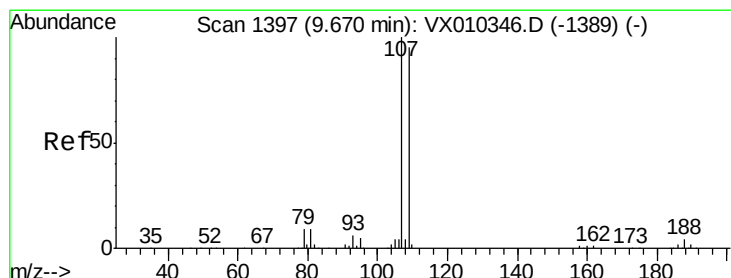
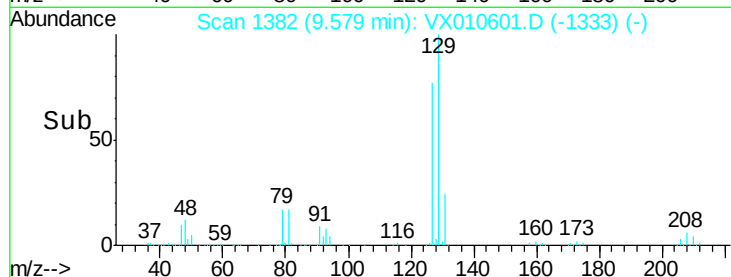
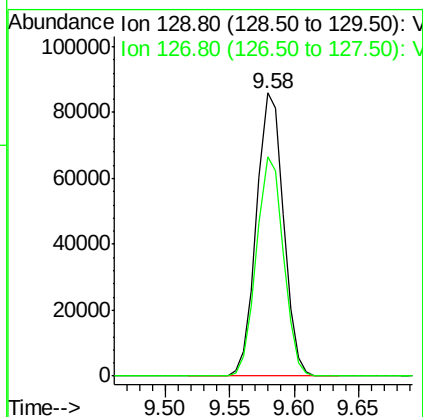
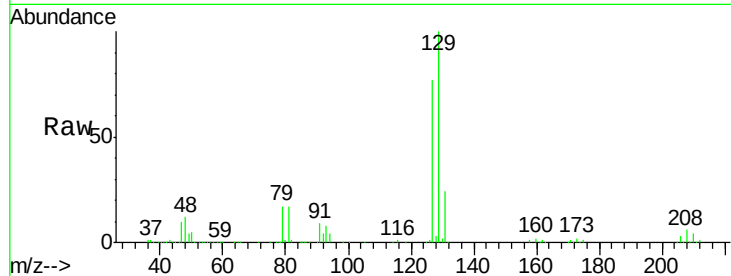
#60
Dibromochloromethane
Concen: 48.507 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion:129 Resp: 124288
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1

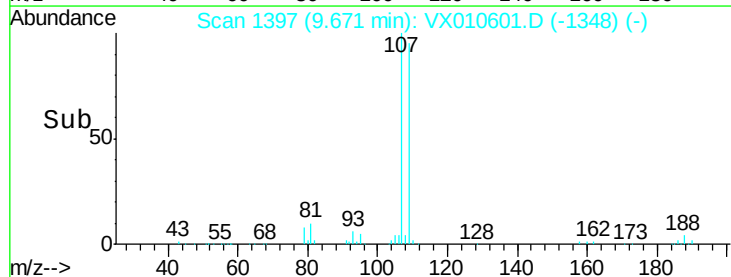
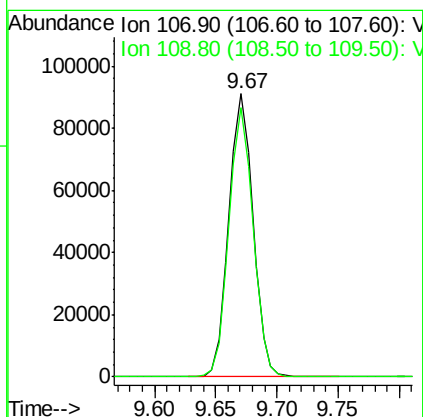
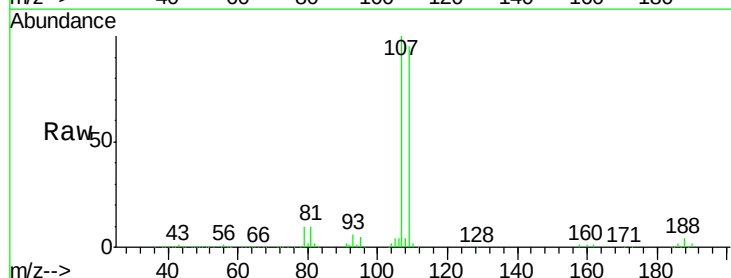
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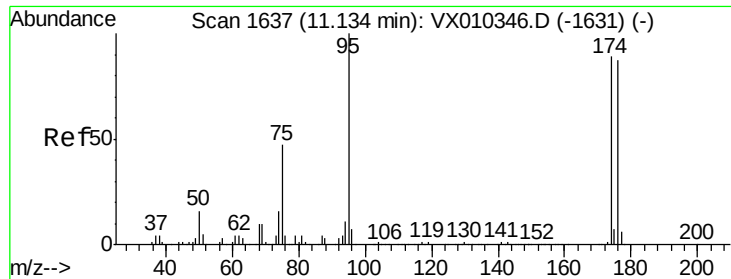
MMDadoda
7/2/2019 9:55:28 AM



#61
1,2-Dibromoethane
Concen: 50.557 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion:107 Resp: 124881
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.6





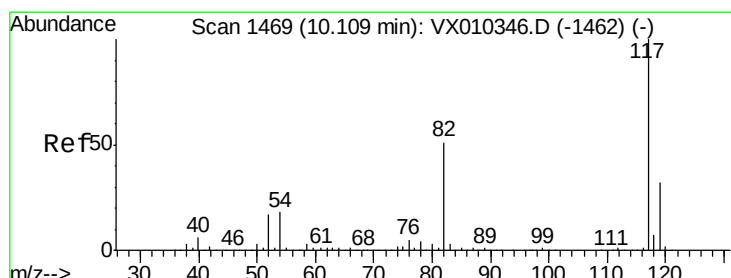
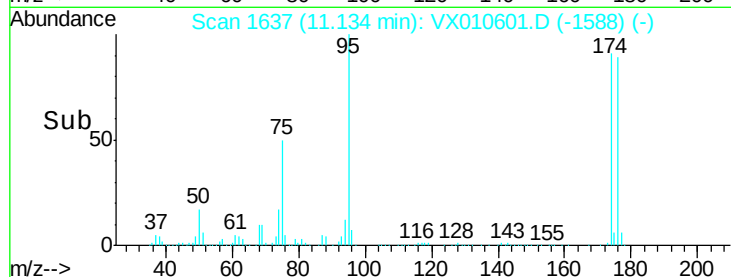
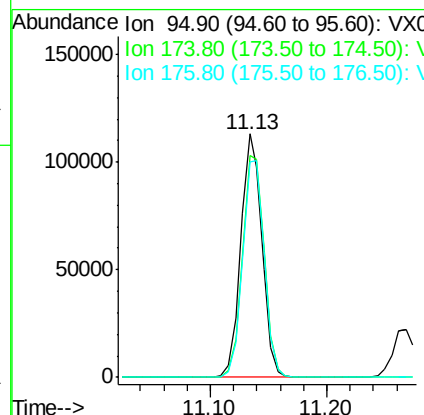
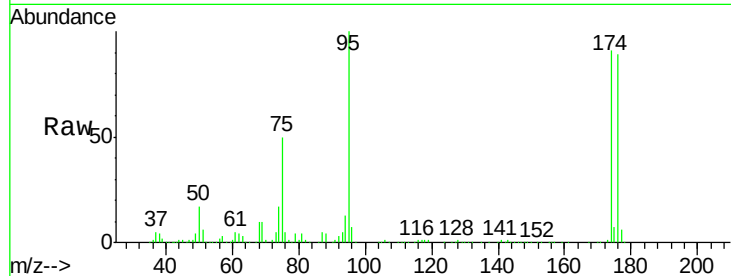
#62
4-Bromofluorobenzene
Concen: 49.540 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	142483		
174	93.7	0.0	187.6	
176	91.8	0.0	184.0	

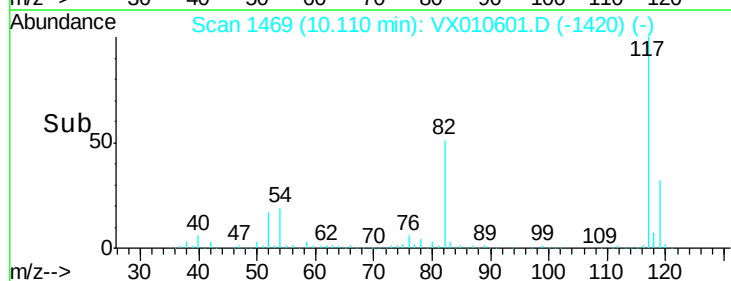
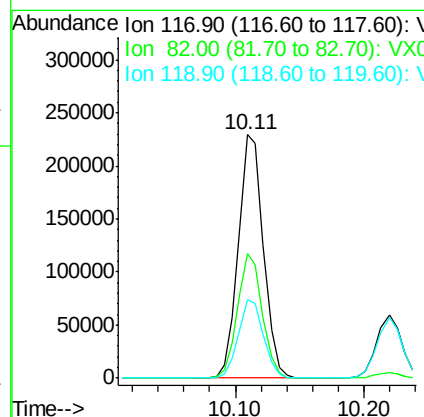
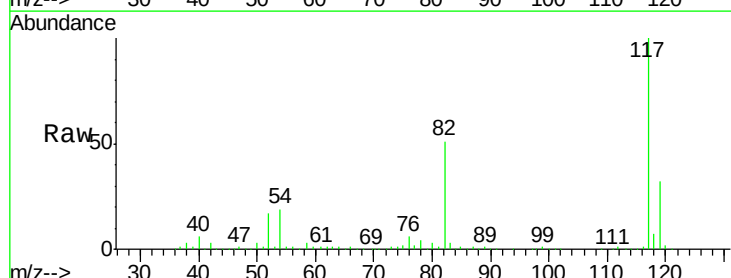
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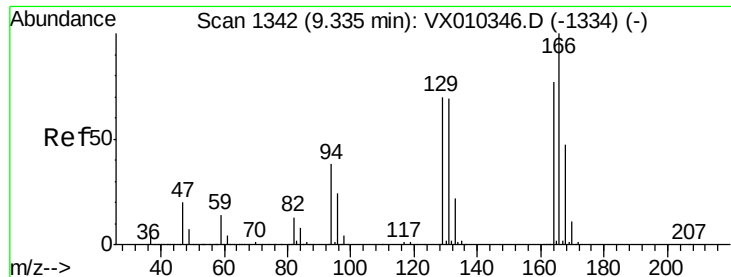
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7/2/2019 9:55:28 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	311844		
82	51.0	41.2	61.8	
119	32.4	25.5	38.3	





#64

Tetrachloroethene

Concen: 44.147 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion:164 Resp: 111352

Ion Ratio Lower Upper

164 100

166 128.1 103.6 155.4

129 88.6 73.0 109.4

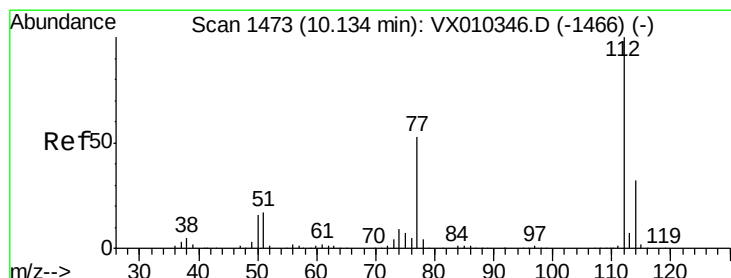
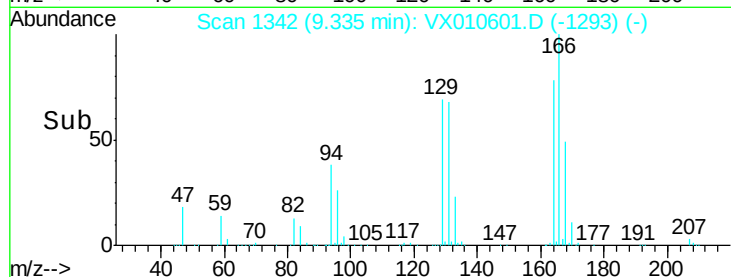
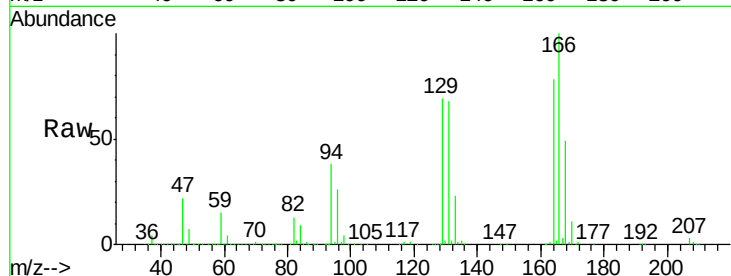
131 86.8 71.0 106.4

Manual Integrations

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#65

Chlorobenzene

Concen: 52.798 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010601.D

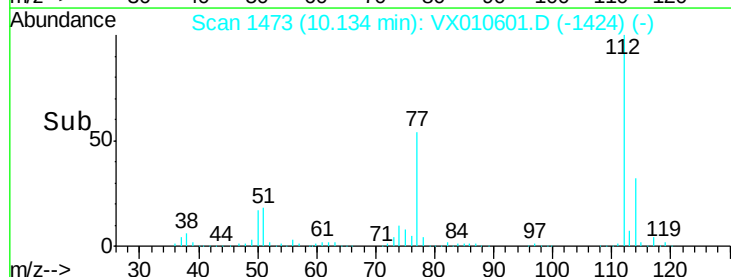
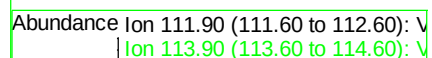
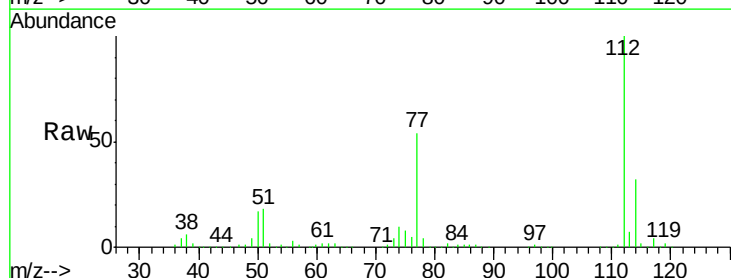
Acq: 01 Jul 2019 19:14

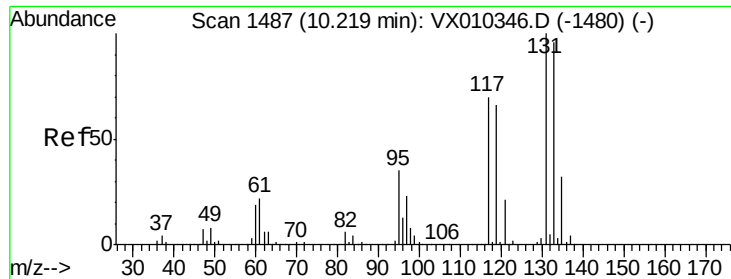
Tgt Ion:112 Resp: 334267

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.2





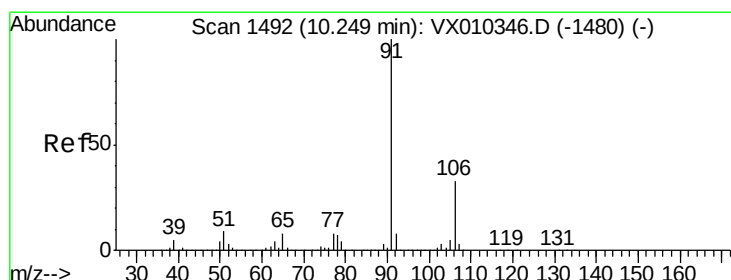
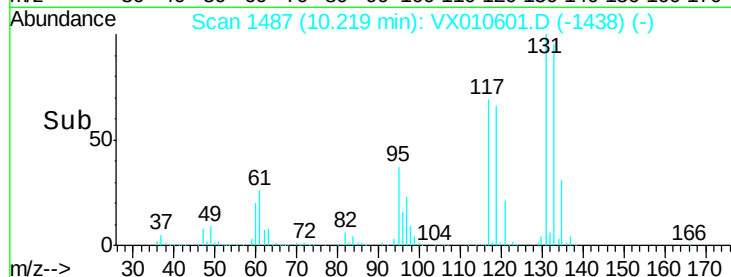
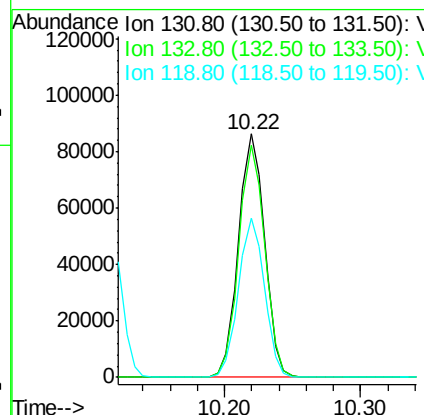
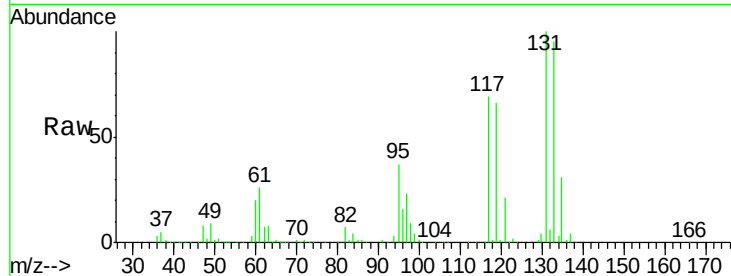
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.178 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.7	143.1
119	65.3	32.6	97.7

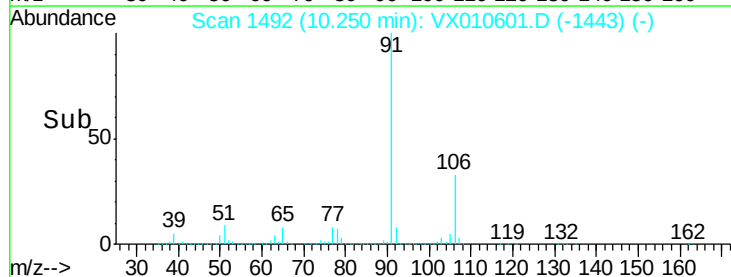
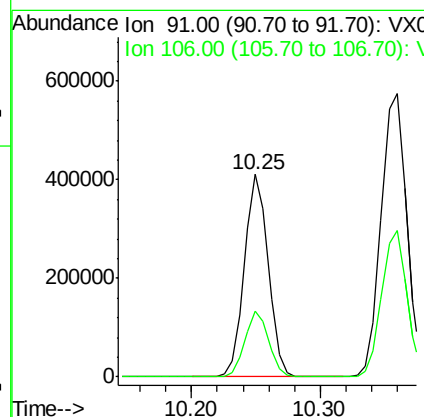
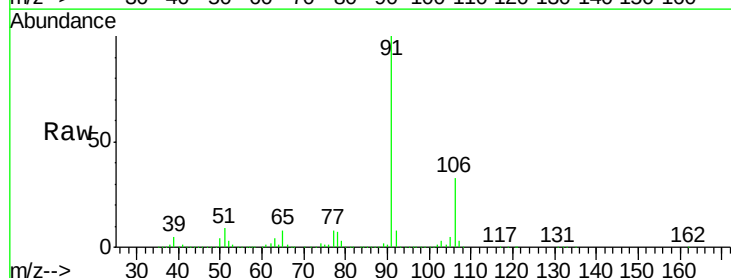
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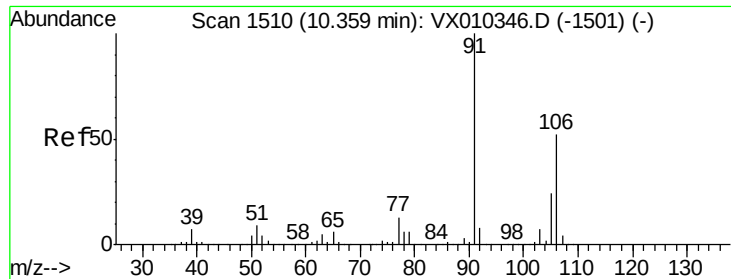
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#67
 Ethyl Benzene
 Concen: 49.026 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.6	26.2	39.2





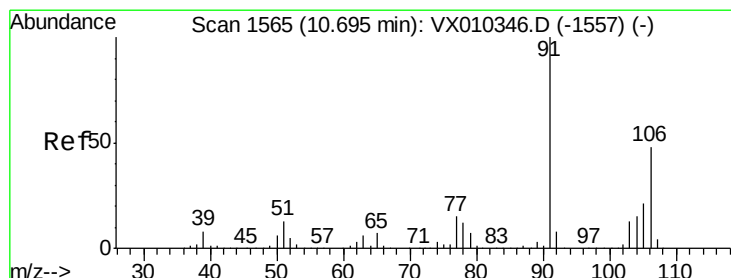
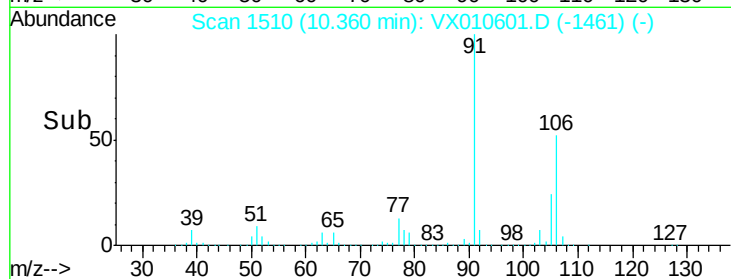
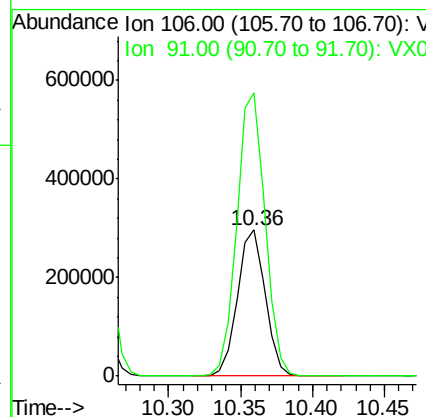
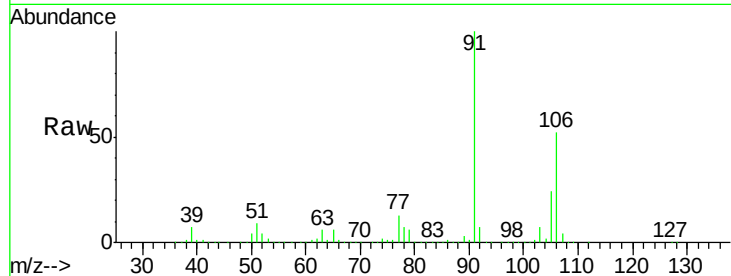
#68
m/p-Xylenes
Concen: 96.660 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion:106 Resp: 400306
Ion Ratio Lower Upper
106 100
91 196.7 155.3 232.9

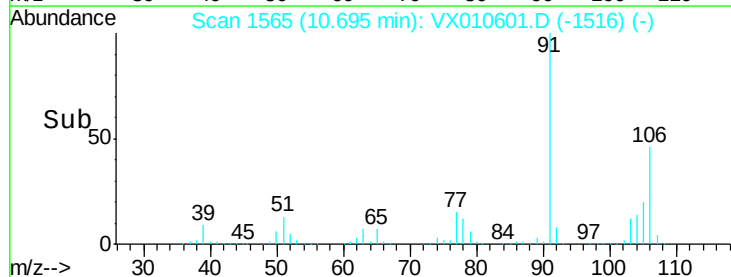
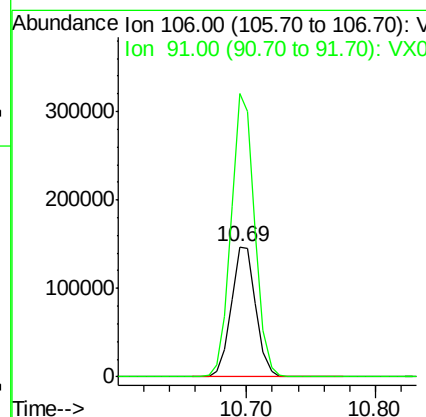
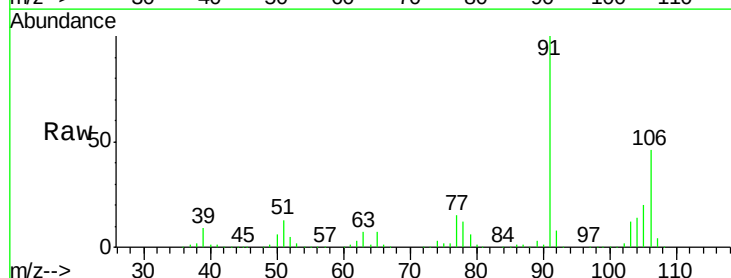
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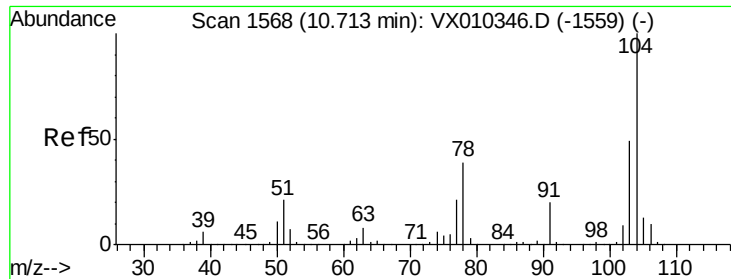
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#69
o-Xylene
Concen: 48.294 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion:106 Resp: 196688
Ion Ratio Lower Upper
106 100
91 209.9 102.7 308.1





#70

Stvrene

Concen: 49.610 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

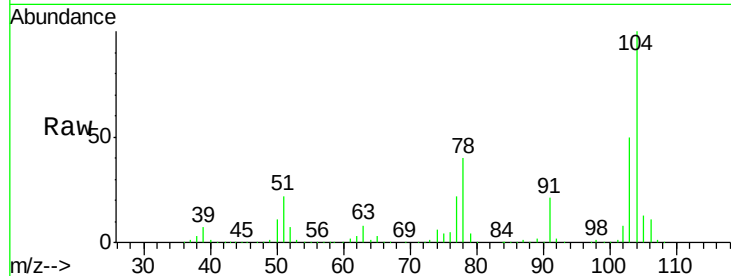
ClientSampled :

PK-10IMS

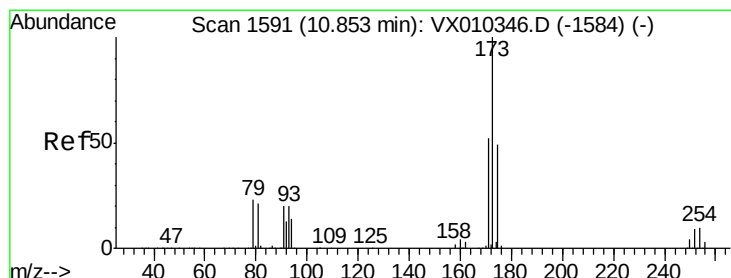
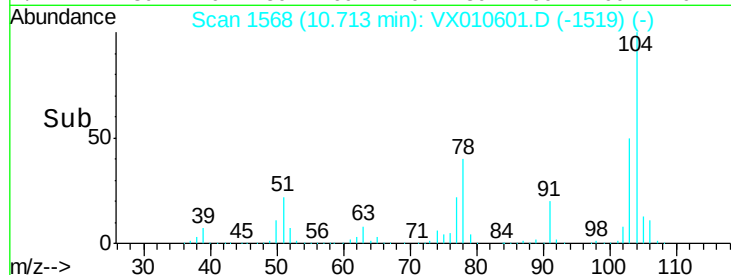
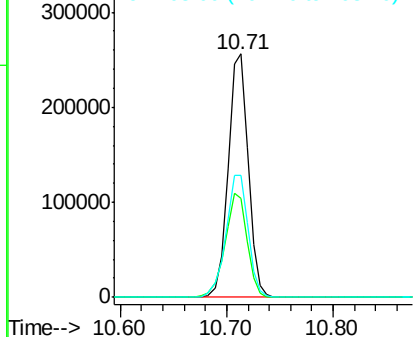
Tot Ion:	104	Resp:	338841
Ion Ratio	Lower	Upper	
104	100		
78	46.7	36.2	54.2
103	55.4	44.2	66.4

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



#71

Bromoform

Concen: 47.521 ug/l

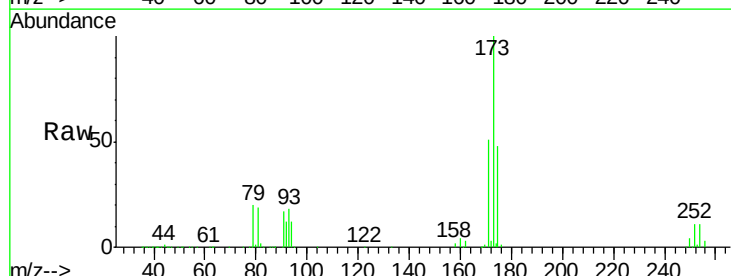
RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

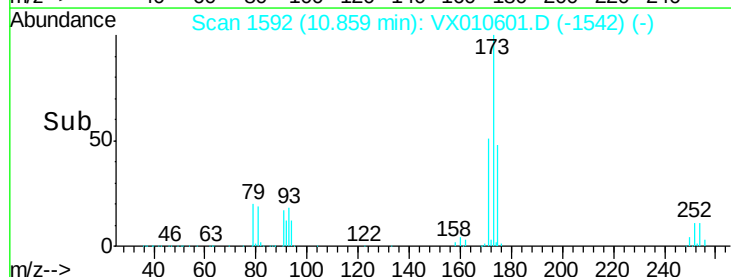
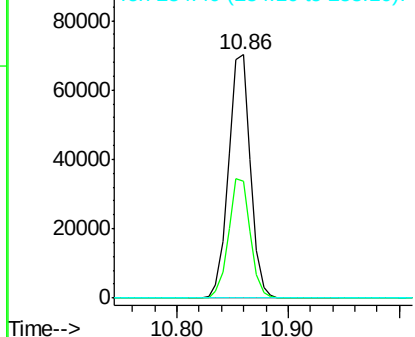
Lab File: VX010601.D

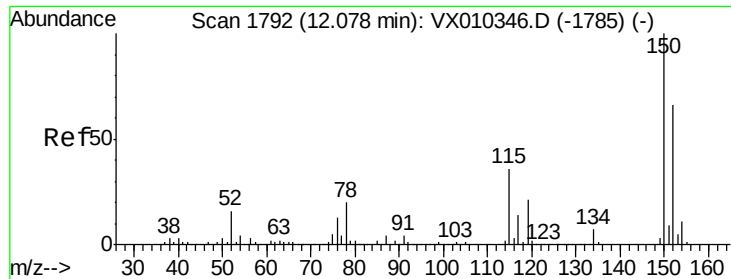
Acq: 01 Jul 2019 19:14

Tgt Ion:	173	Resp:	95301
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.1	72.3
254	0.2	0.2	0.2#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PK-10IMS

Tot Ion:152 Resp: 159851

Ion Ratio Lower Upper

152 100

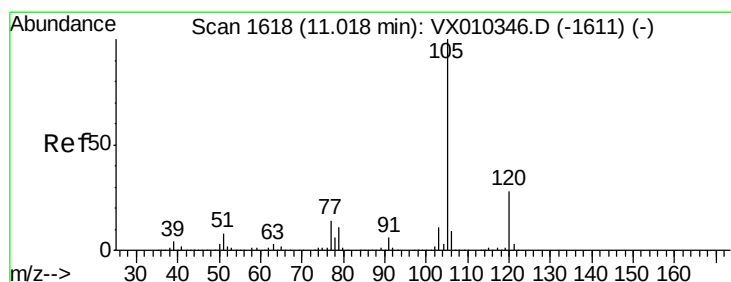
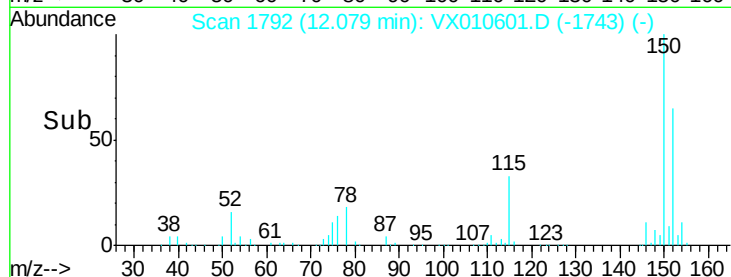
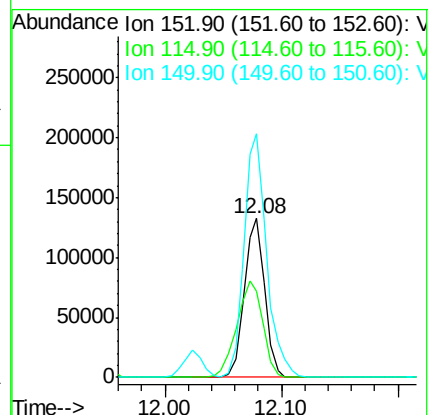
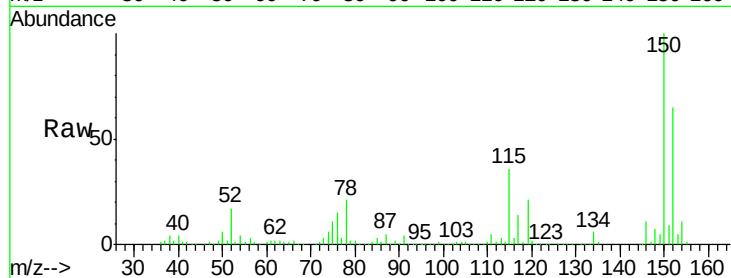
115 77.5 38.6 115.7

150 171.4 0.0 347.4

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#73

Isopropylbenzene

Concen: 48.601 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010601.D

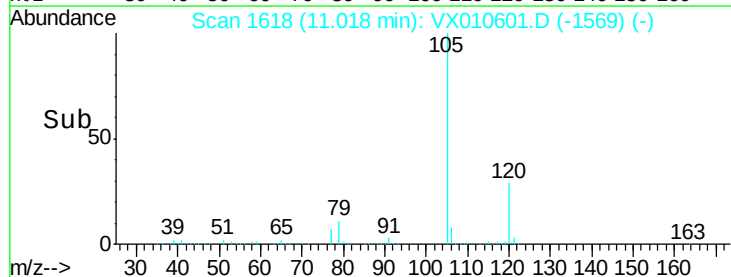
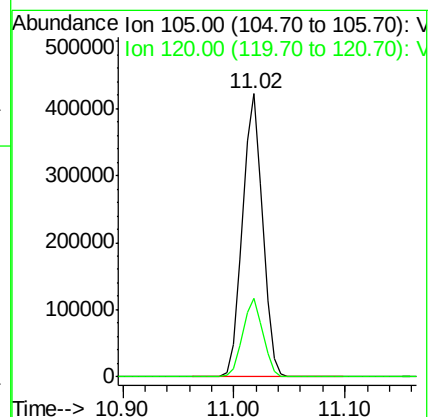
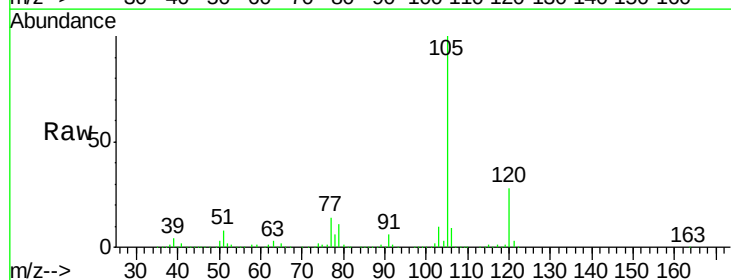
Acq: 01 Jul 2019 19:14

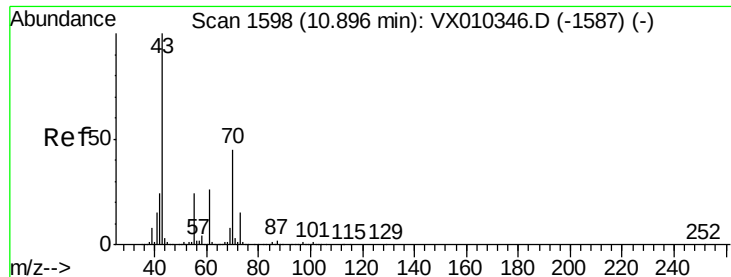
Tgt Ion:105 Resp: 526633

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4





#74

N-amyl acetate

Concen: 46.212 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

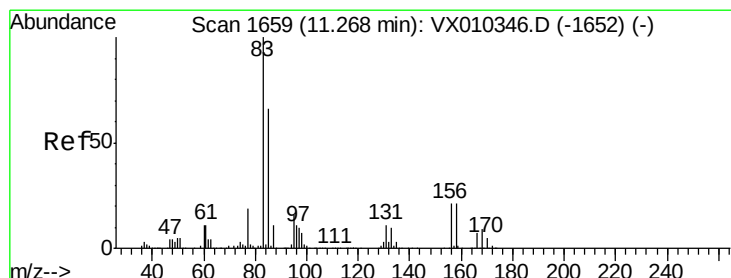
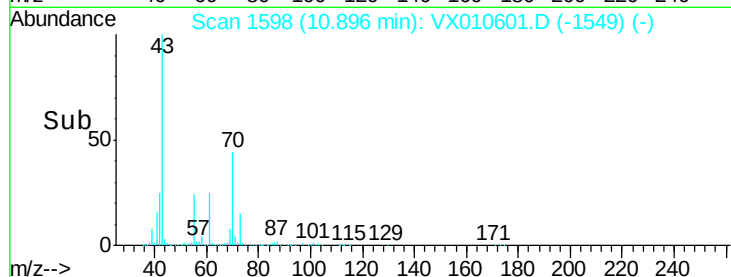
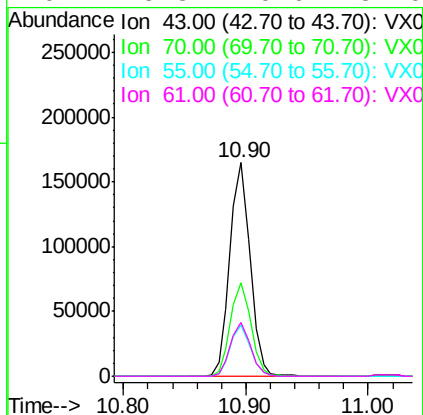
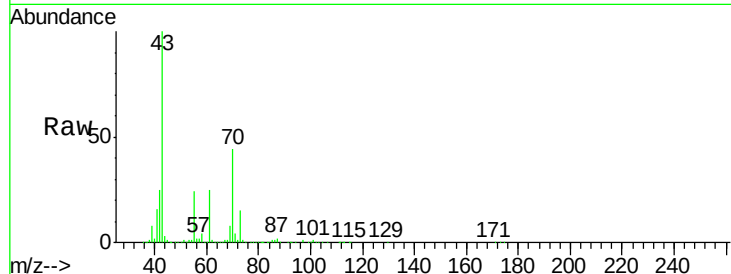
ClientSampleId :

PK-10IMS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	44.5	36.6	54.8	
55	23.8	18.7	28.1	
61	25.3	20.6	31.0	

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.655 ug/l

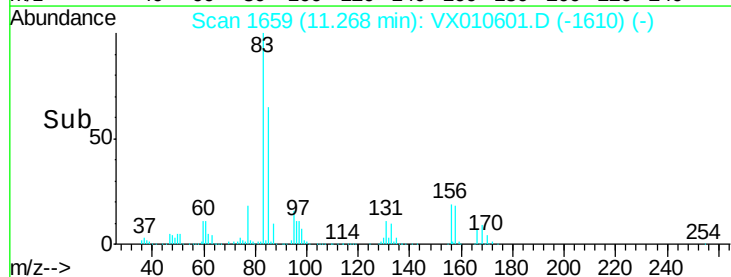
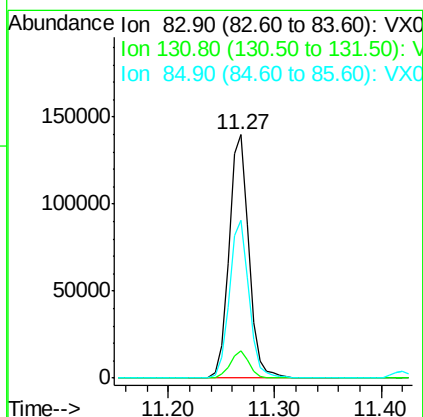
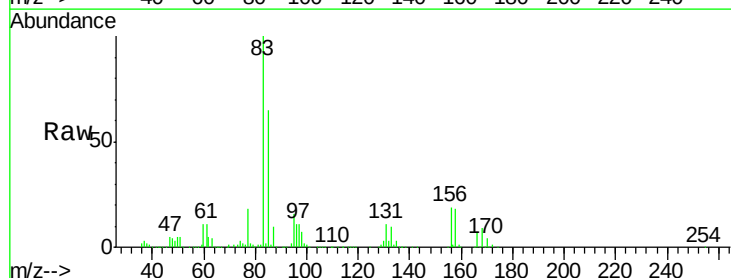
RT: 11.27 min Scan# 1659

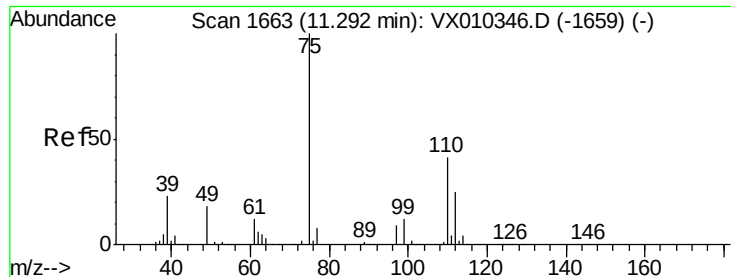
Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.9	5.5	16.4	
85	64.7	32.3	96.8	





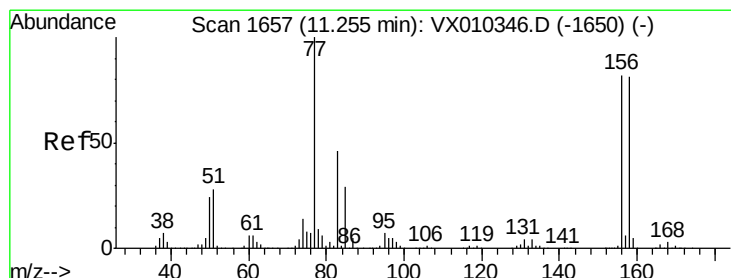
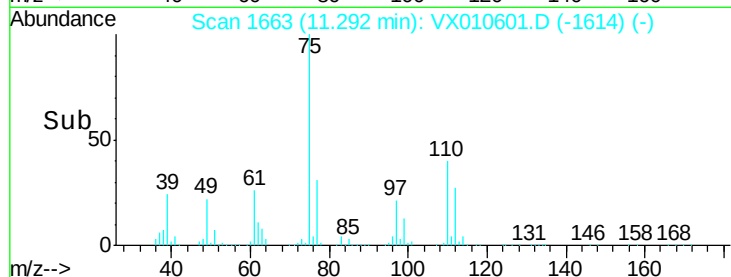
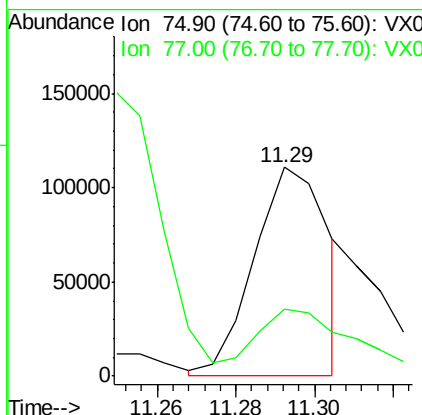
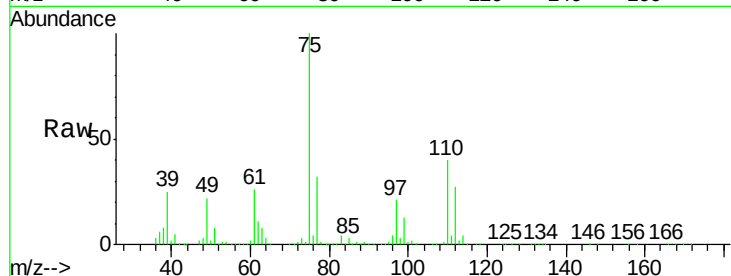
#76
1,2,3-Trichloropropane
Concen: 49.719 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion: 75 Resp: 144828
Ion Ratio Lower Upper
75 100
77 43.1 22.6 67.8

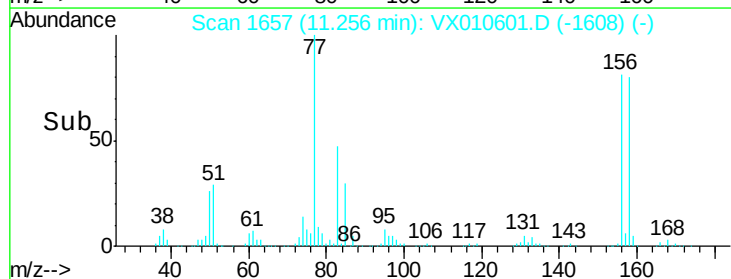
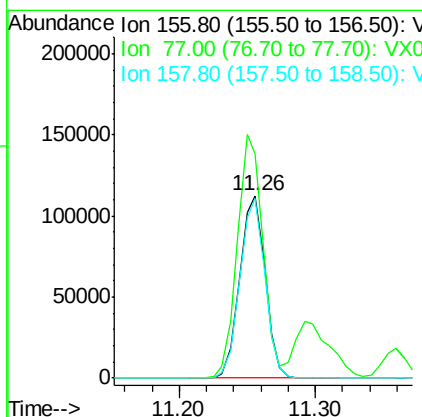
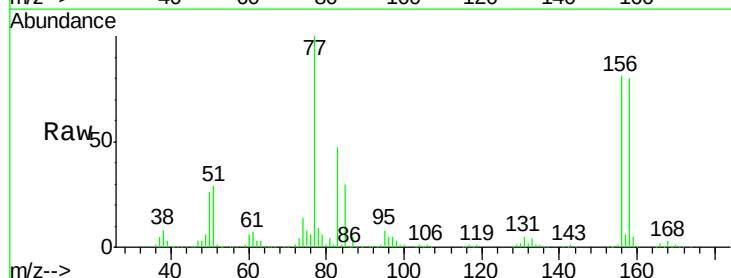
Manual Integrations
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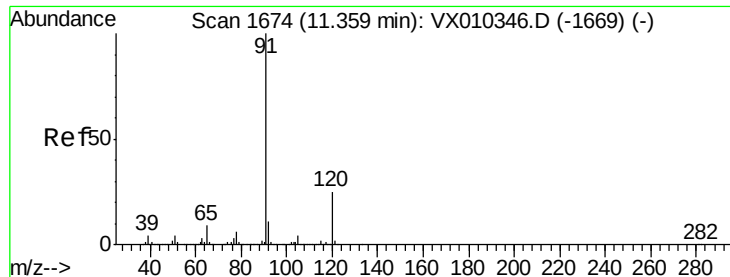
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#77
Bromobenzene
Concen: 48.433 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion: 156 Resp: 146544
Ion Ratio Lower Upper
156 100
77 133.2 66.3 198.7
158 97.1 48.9 146.7





#78

n-propylbenzene

Concen: 49.137 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PK-10IMS

Tot Ion: 91 Resp: 585178

Ion Ratio Lower Upper

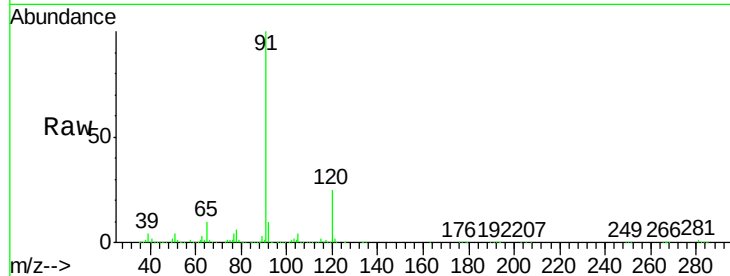
91 100

120 24.8 12.4 37.4

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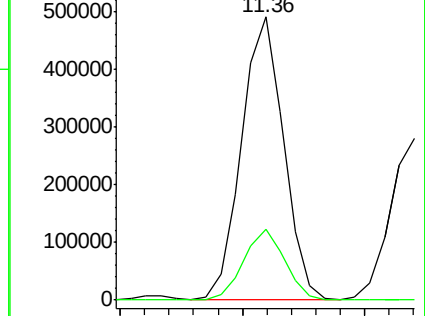
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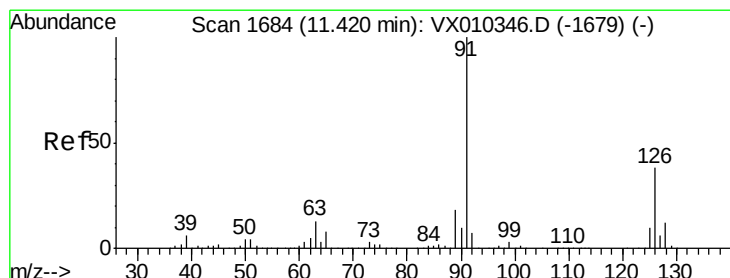
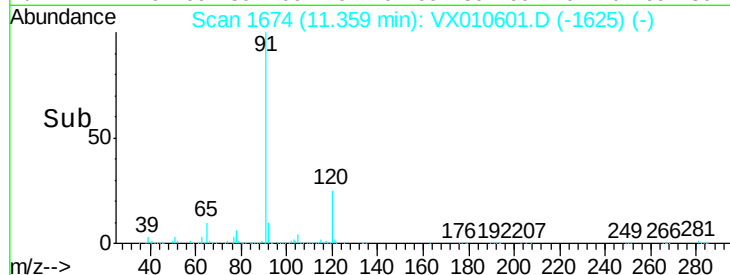


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 48.607 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010601.D

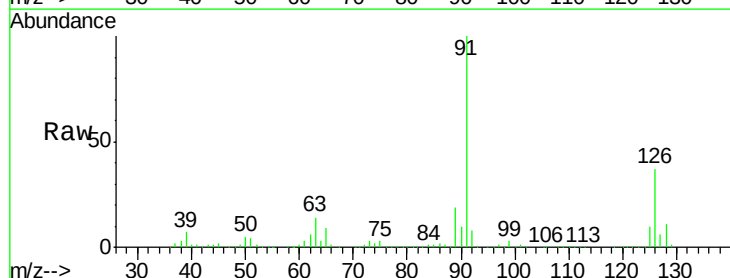
Acq: 01 Jul 2019 19:14

Tgt Ion: 91 Resp: 344701

Ion Ratio Lower Upper

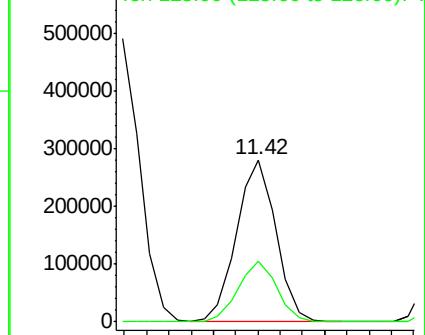
91 100

126 36.8 18.7 56.1

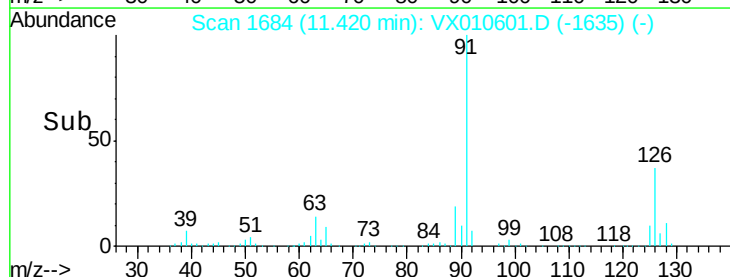


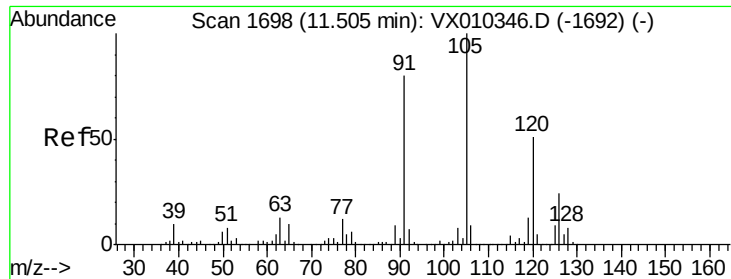
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.40 11.45





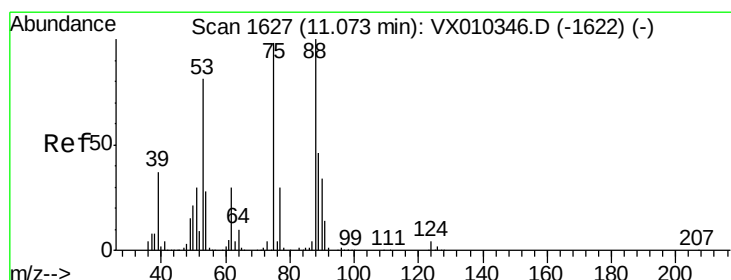
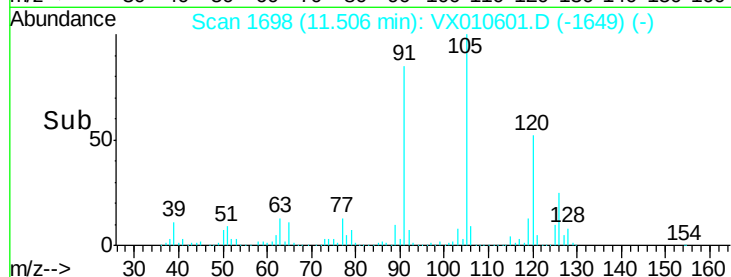
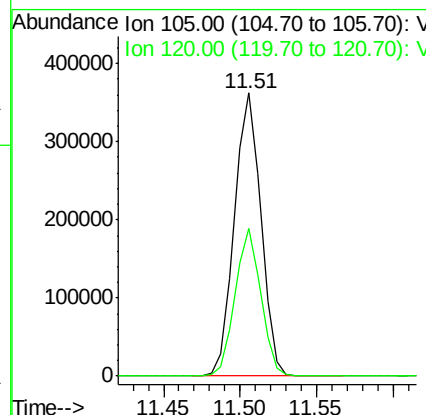
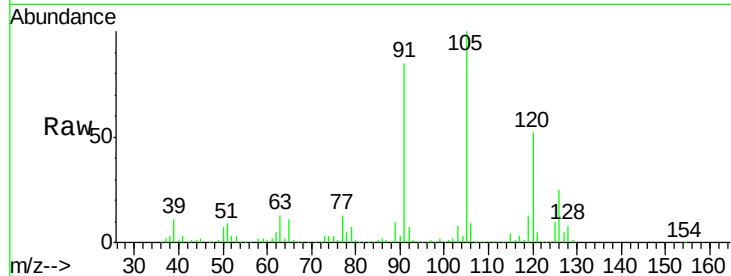
#80
 1,3,5-Trimethylbenzene
 Concen: 48.766 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Tot Ion:105 Resp: 435625
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6

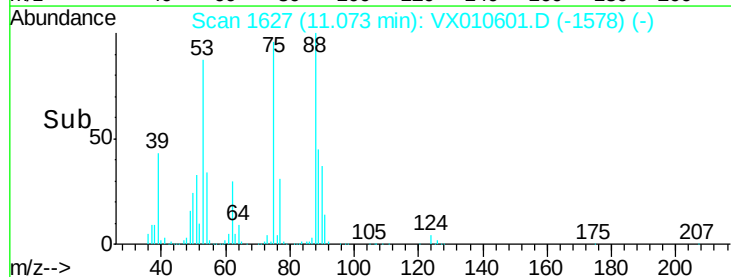
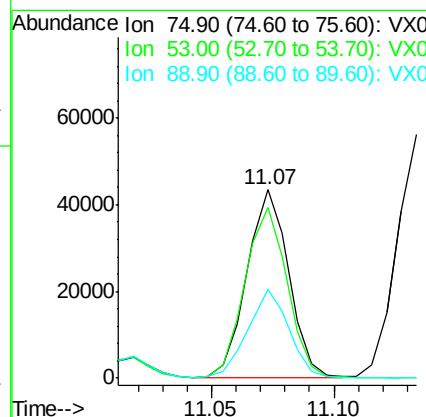
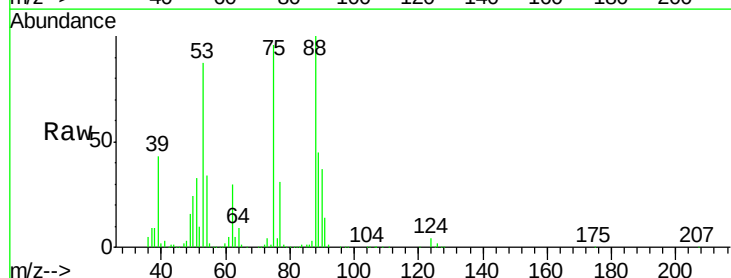
Manual Integrations
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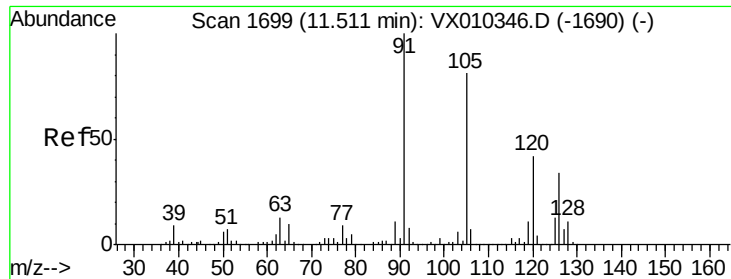
MMDadoda
 7/2/2019 9:55:28 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.100 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 75 Resp: 51318
 Ion Ratio Lower Upper
 75 100
 53 92.3 66.1 99.1
 89 46.9 37.8 56.6





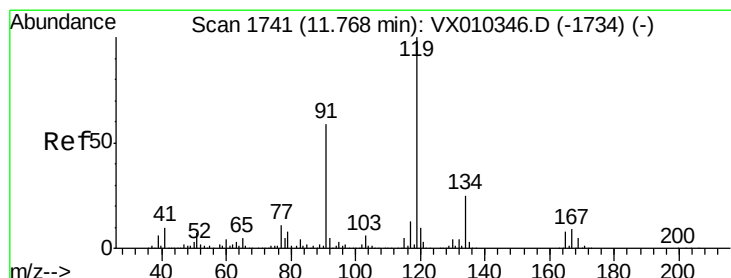
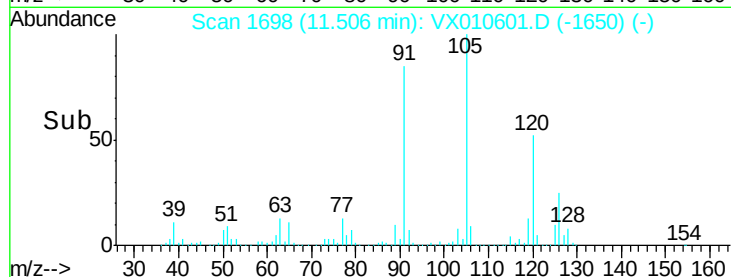
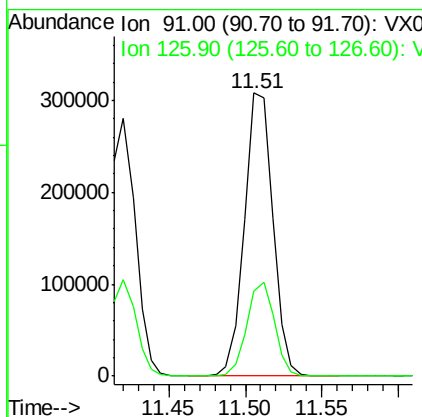
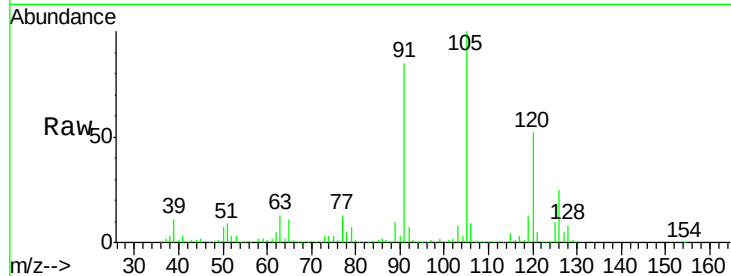
#82
4-Chlorotoluene
Concen: 49.396 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
PK-10IMS

Tot Ion: 91 Resp: 398601
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.6

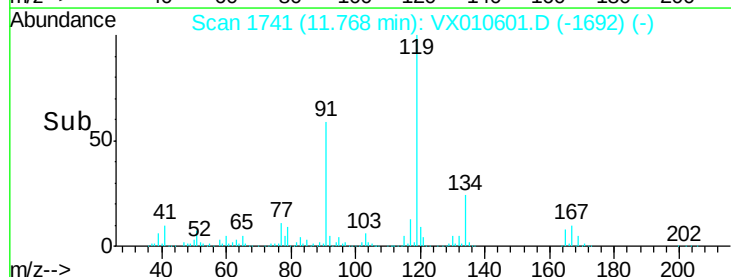
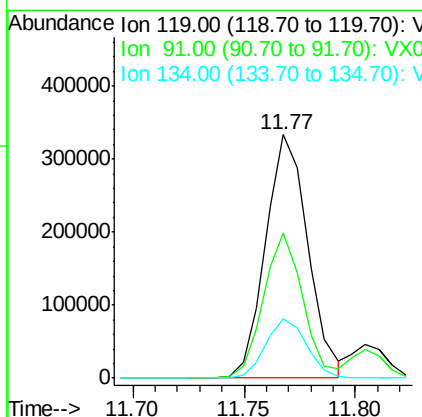
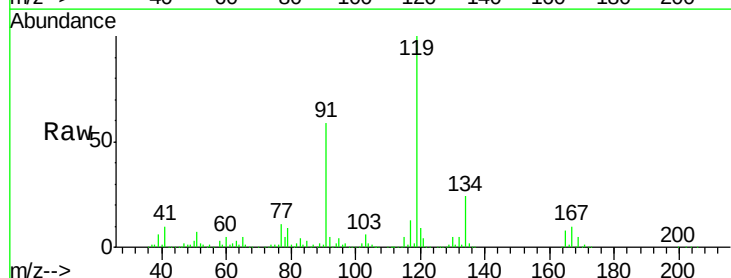
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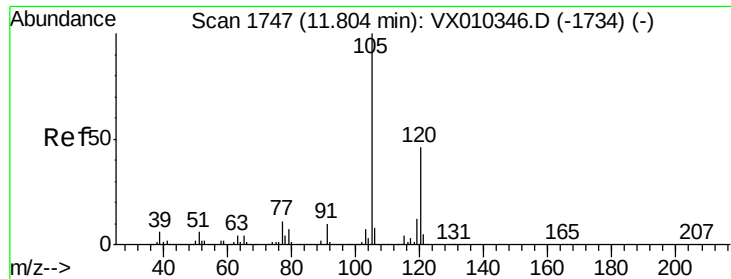
MMDadoda
7/2/2019 9:55:28 AM



#83
tert-Butylbenzene
Concen: 49.129 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion: 119 Resp: 440479
Ion Ratio Lower Upper
119 100
91 55.5 27.6 82.7
134 23.7 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 49.140 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion:105 Resp: 441019

Ion Ratio Lower Upper

105 100

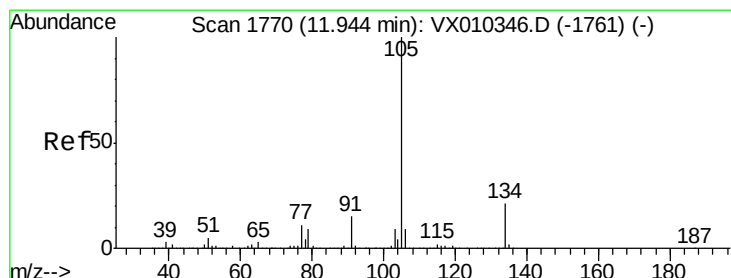
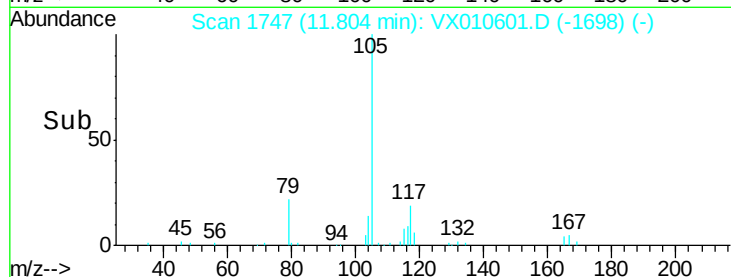
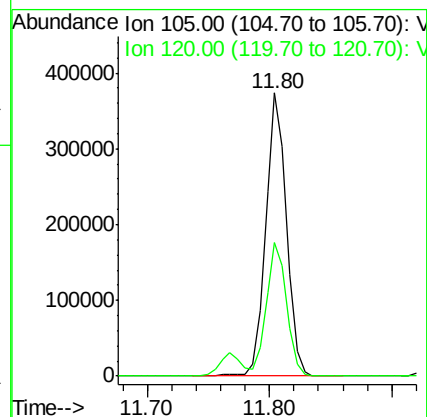
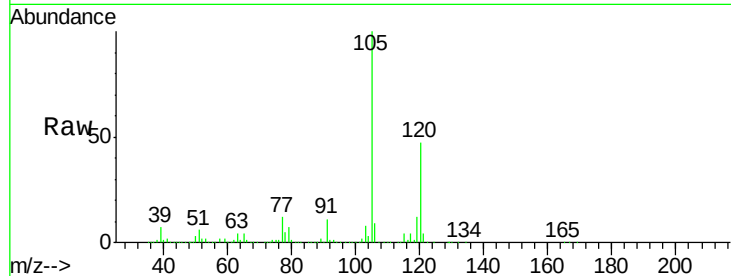
120 46.0 23.1 69.2

Manual Integrations

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#85

sec-Butylbenzene

Concen: 48.796 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010601.D

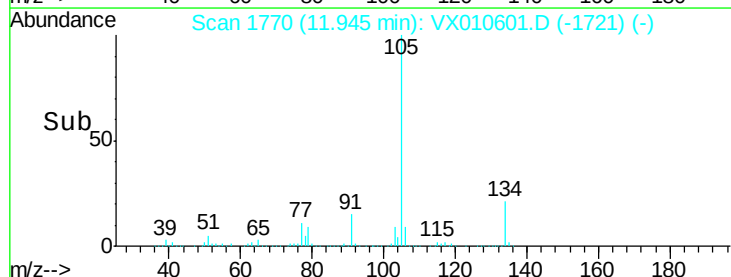
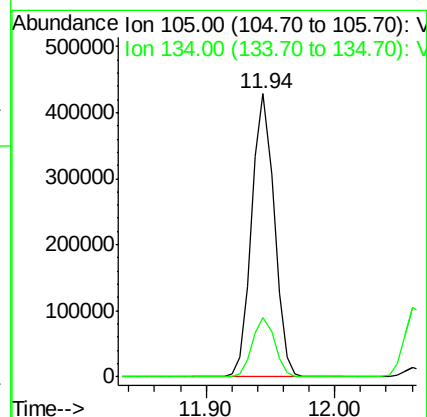
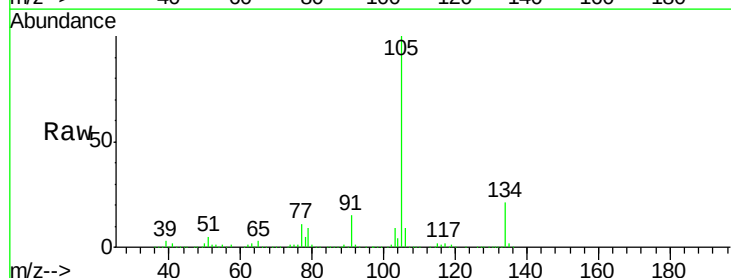
Acq: 01 Jul 2019 19:14

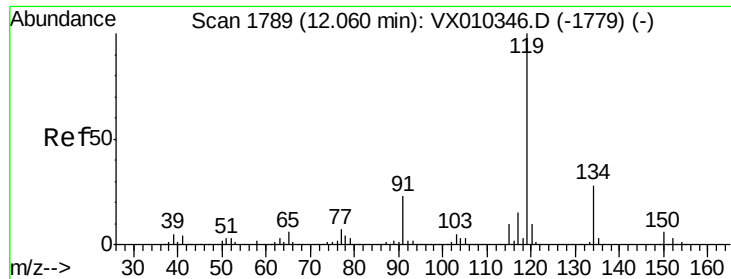
Tgt Ion:105 Resp: 513683

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9





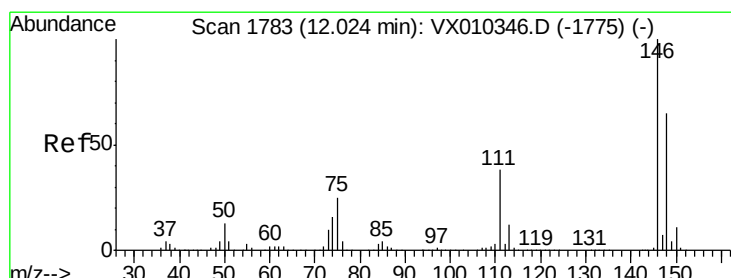
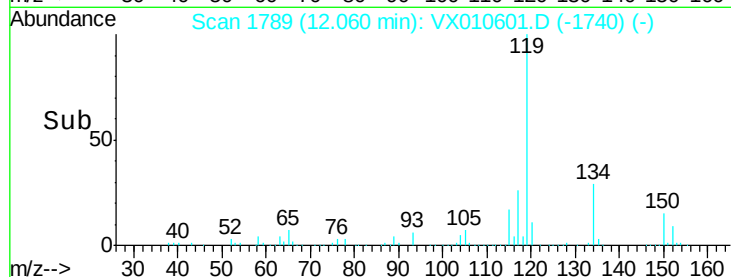
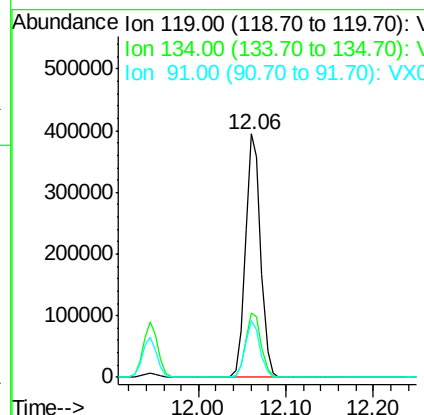
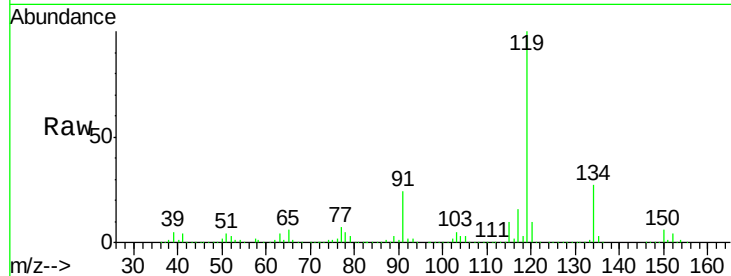
#86
 p-Isopropyltoluene
 Concen: 48.873 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampled :
 PK-10IMS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	475889		
134	27.1		13.7	41.1
91	22.8		11.3	33.8

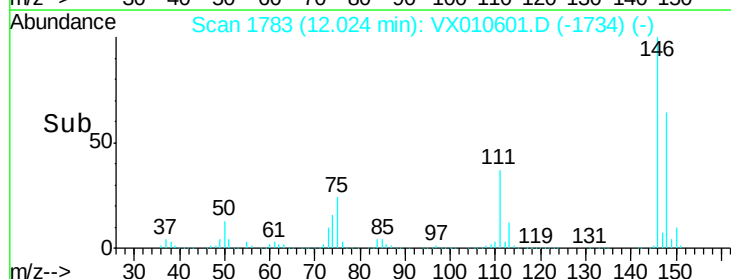
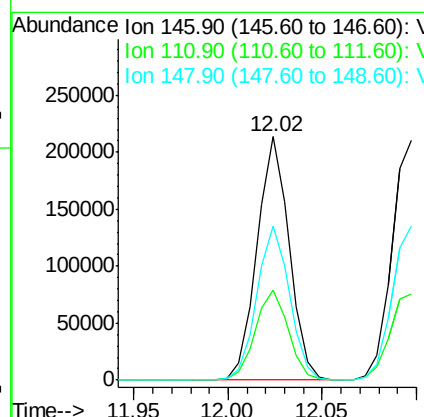
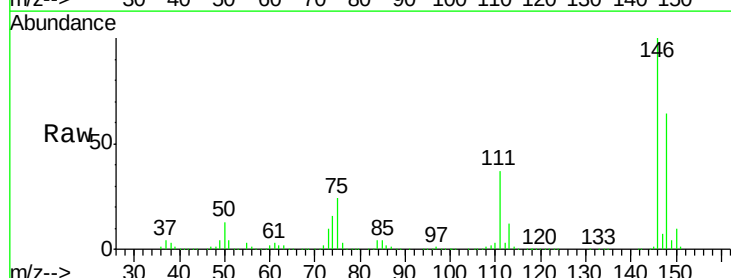
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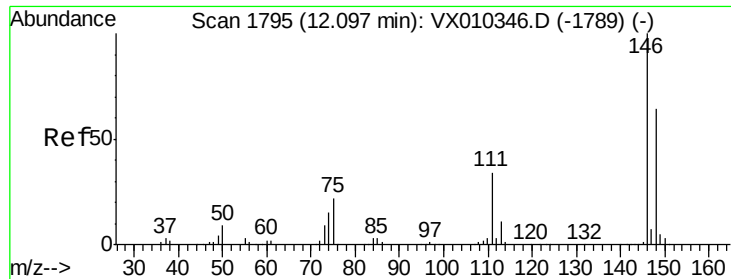
MMDadoda
 7/2/2019 9:55:28 AM



#87
 1,3-Dichlorobenzene
 Concen: 47.778 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	252340		
111	38.0		19.1	57.1
148	64.3		32.5	97.4





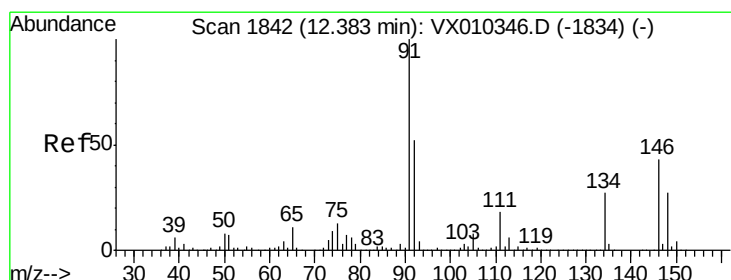
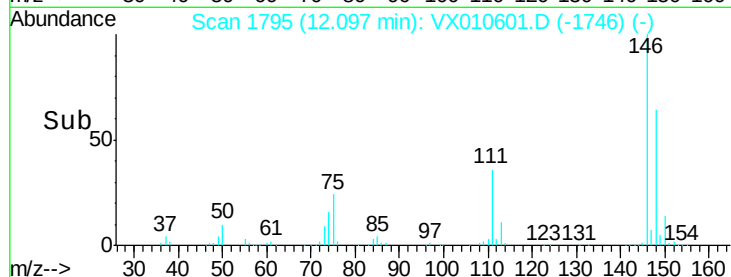
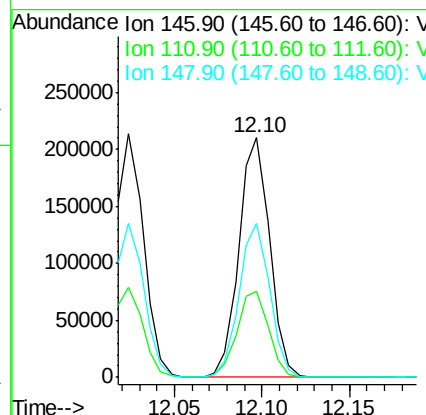
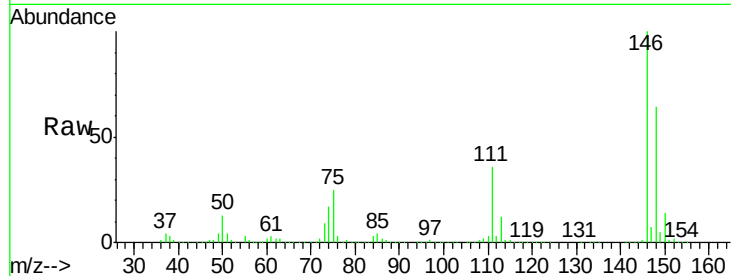
#88
 1,4-Dichlorobenzene
 Concen: 47.884 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampled :
 PK-10IMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.3
148	63.8	32.1	96.3

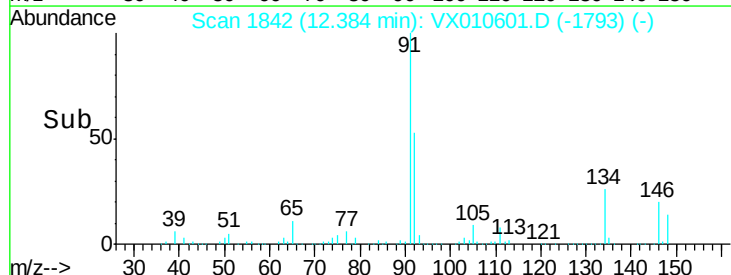
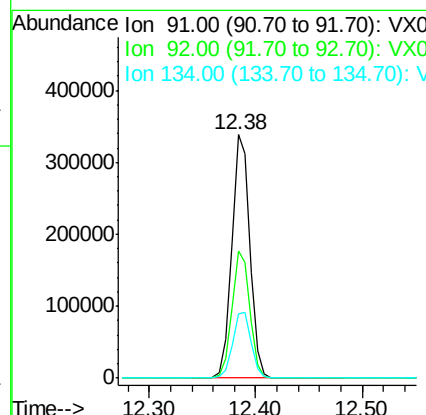
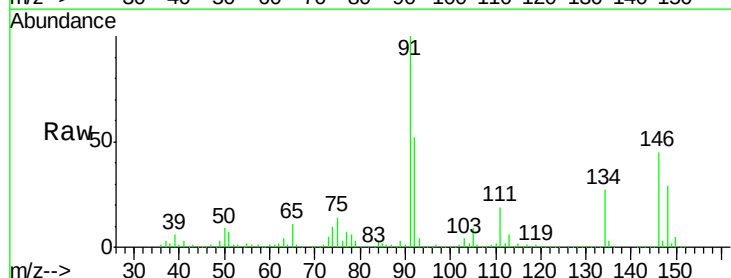
Manual Integrations
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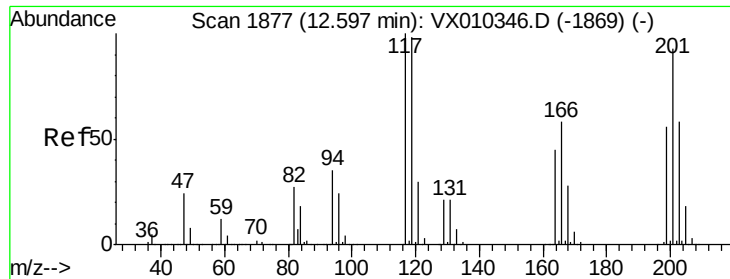
MMDadoda
 7/2/2019 9:55:28 AM



#89
 n-Butylbenzene
 Concen: 48.504 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	28.0	14.1	42.4





#90

Hexachloroethane

Concen: 46.678 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion:117 Resp: 78591

Ion Ratio Lower Upper

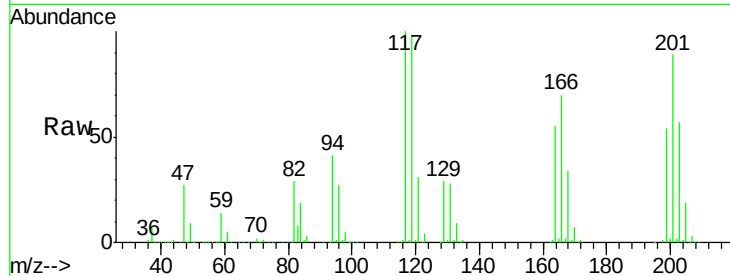
117 100

201 86.0 44.0 131.8

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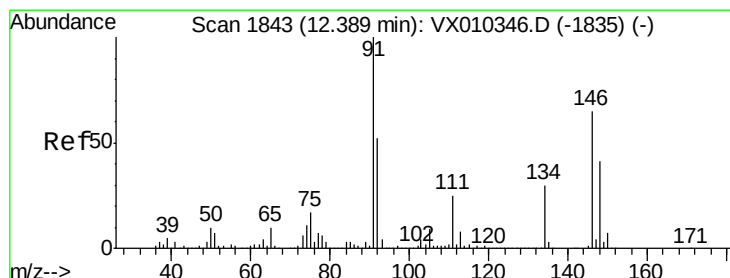
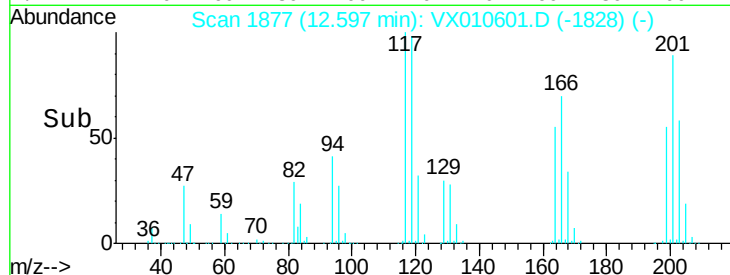
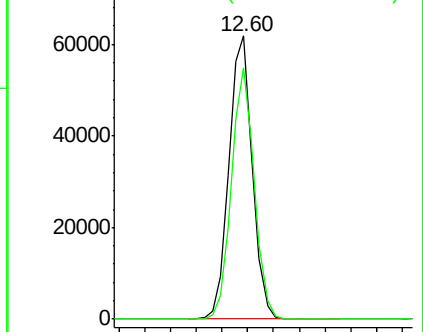
MMDadoda

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.241 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

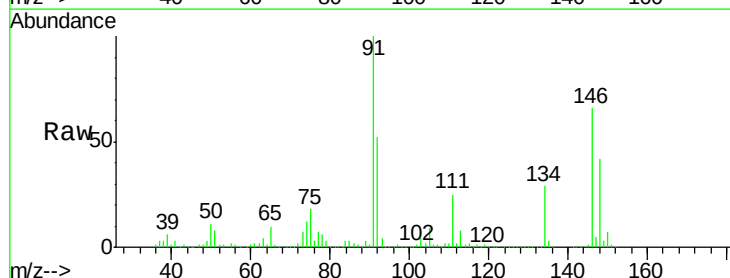
Tgt Ion:146 Resp: 253228

Ion Ratio Lower Upper

146 100

111 38.4 19.2 57.6

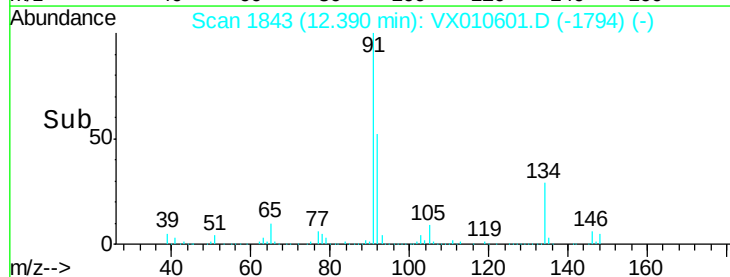
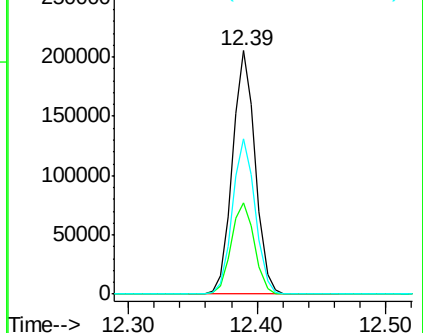
148 63.9 32.0 96.0

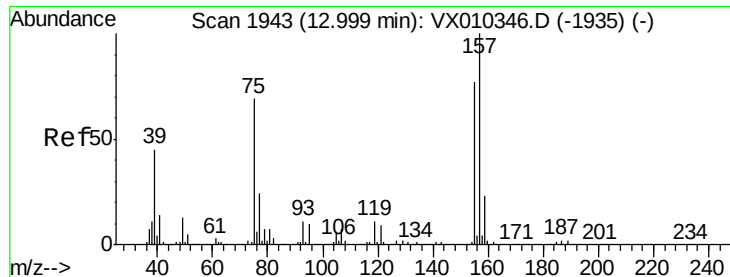


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.023 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PK-10IMS

Tot Ion: 75 Resp: 36382

Ion Ratio Lower Upper

75 100

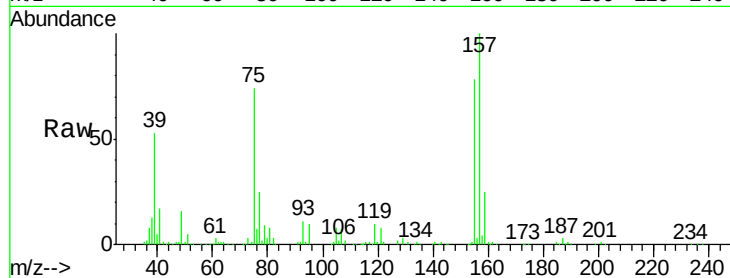
155 101.7 54.4 163.1

157 129.8 69.5 208.3

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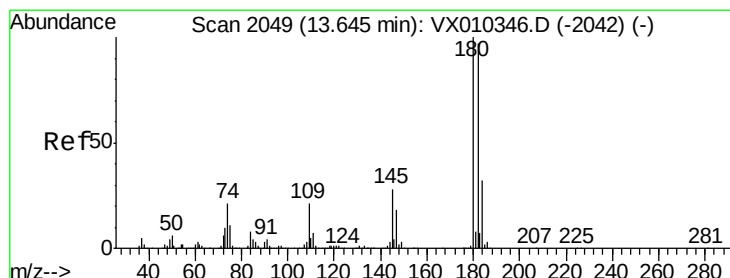
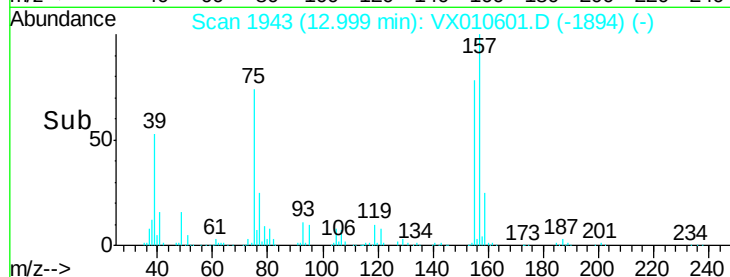
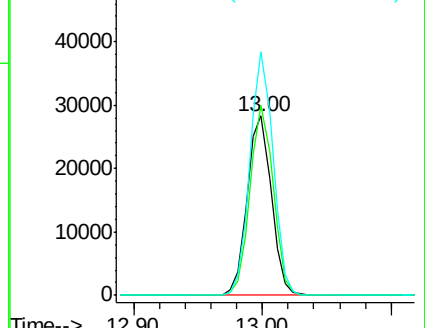
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Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.357 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

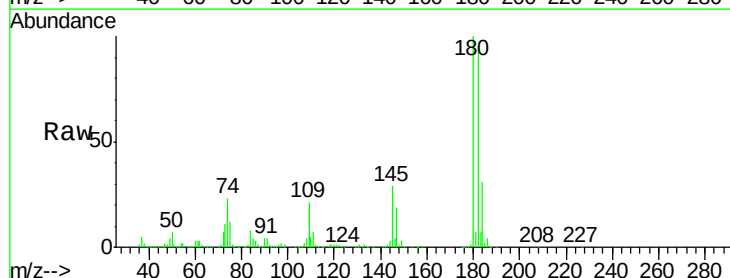
Tgt Ion:180 Resp: 172391

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

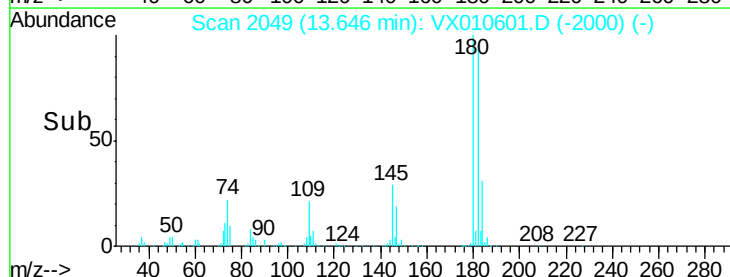
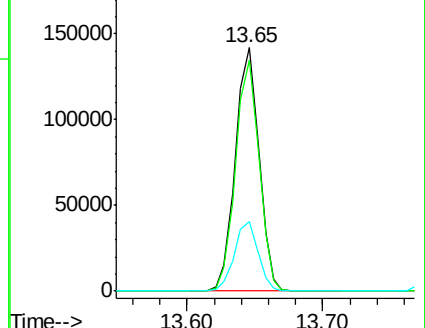
145 28.8 14.4 43.4

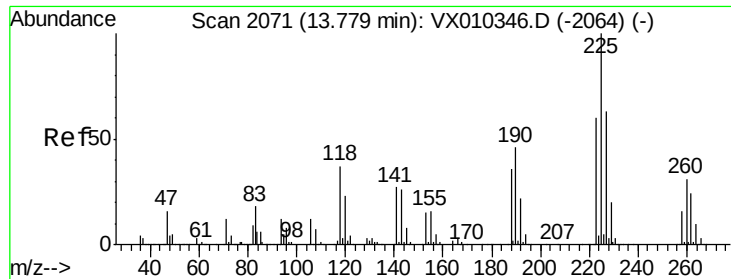


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 45.862 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

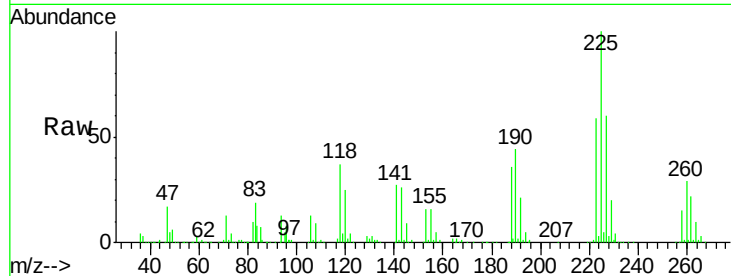
ClientSampled :

PK-10IMS

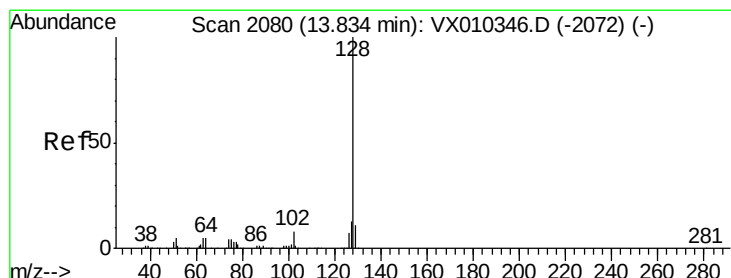
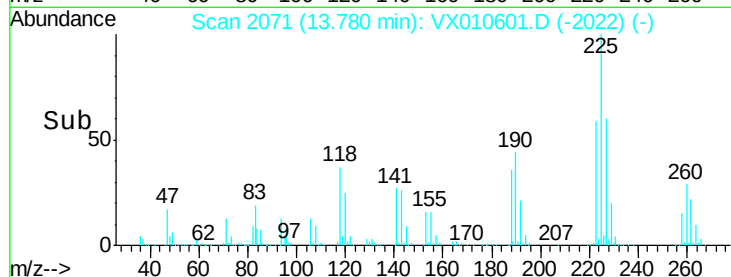
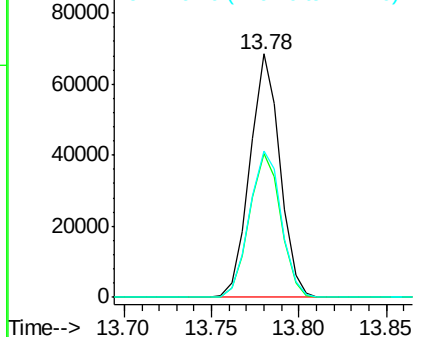
Tot Ion:	225	Resp:	81593
Ion Ratio	Lower	Upper	
225	100		
223	61.9	30.9	92.7
227	63.8	31.9	95.5

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.446 ug/l

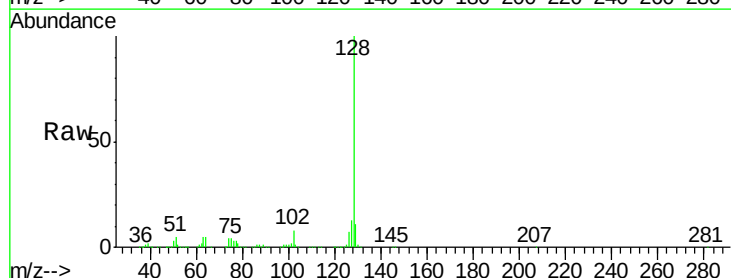
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

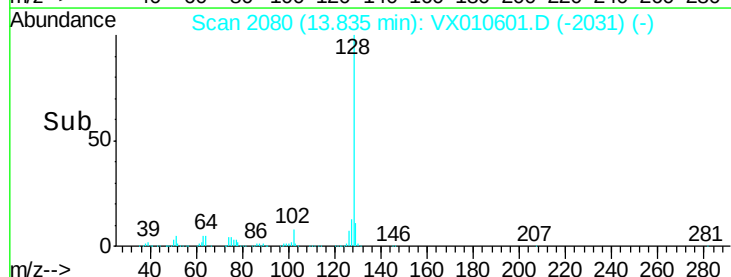
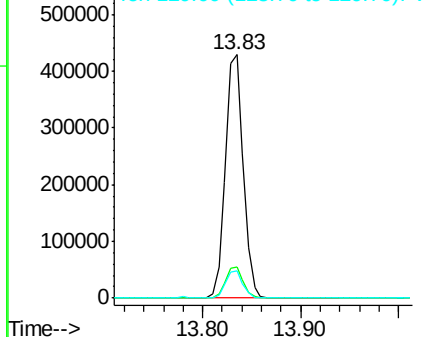
Lab File: VX010601.D

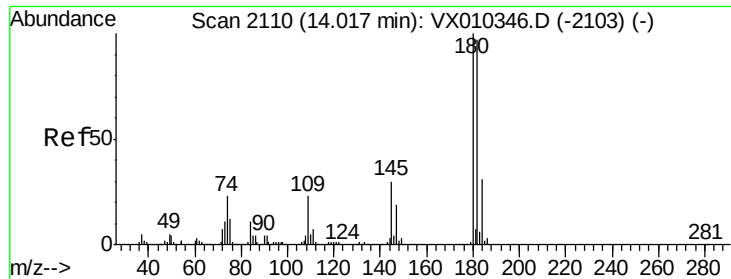
Acq: 01 Jul 2019 19:14

Tgt Ion:	128	Resp:	541952
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.9	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.143 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	174247		
182	95.6	47.8	143.3	
145	30.7	15.2	45.6	

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 9:55:28 AM

