

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009132.D
 Acq On : 23 Apr 2019 19:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:03:19 PM

Quant Time: Apr 24 09:10:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143413	58.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.90%	
35) Dibromofluoromethane	5.50	113	105888	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	
50) Toluene-d8	8.71	98	407294	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
62) 4-Bromofluorobenzene	11.13	95	146670	55.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114814	57.253	ug/l	98
3) Chloromethane	1.32	50	132863	53.966	ug/l	100
4) Vinyl Chloride	1.41	62	134645	56.190	ug/l	100
5) Bromomethane	1.64	94	263296	165.811	ug/l	98
6) Chloroethane	1.71	64	82162	58.309	ug/l	95
7) Trichlorofluoromethane	1.92	101	158111	56.514	ug/l	100
8) Diethyl Ether	2.19	74	72235	56.457	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99181	55.446	ug/l	99
10) Methyl Iodide	2.51	142	100766	51.387	ug/l	98
11) Tert butyl alcohol	3.06	59	166668	306.009	ug/l	100
12) 1,1-Dichloroethene	2.37	96	101701	54.470	ug/l	98
13) Acrolein	2.29	56	110295	234.371	ug/l	100
14) Allyl chloride	2.73	41	241912	59.387	ug/l	100
15) Acrylonitrile	3.15	53	409063	295.868	ug/l	100
16) Acetone	2.45	43	361018	283.726	ug/l	98
17) Carbon Disulfide	2.56	76	299467	54.467	ug/l	99
18) Methyl Acetate	2.78	43	190065	59.850	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	387513	58.249	ug/l	100
20) Methylene Chloride	2.85	84	117509	54.003	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	110082	55.276	ug/l	100
22) Diisopropyl ether	3.86	45	464937	58.738	ug/l	90
23) Vinyl Acetate	3.82	43	2116978	304.252	ug/l	99
24) 1,1-Dichloroethane	3.70	63	229512	57.762	ug/l	100
25) 2-Butanone	4.68	43	611793	300.801	ug/l	98
26) 2,2-Dichloropropane	4.59	77	153796	51.637	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	127730	56.491	ug/l	100
28) Bromochloromethane	5.02	49	92646	56.382	ug/l	100
29) Tetrahydrofuran	5.13	42	410430	301.496	ug/l	99
30) Chloroform	5.21	83	207176	58.267	ug/l	99
31) Cyclohexane	5.58	56	223137	57.096	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	171502	58.197	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161007	53.604	ug/l	99
37) Ethyl Acetate	4.84	43	231377	59.865	ug/l	100
38) Carbon Tetrachloride	5.78	117	144179	56.621	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196938	53.852	ug/l	98
40) Benzene	6.14	78	495249	55.891	ug/l	100
41) Methacrylonitrile	5.04	41	132577	59.767	ug/l	99
42) 1,2-Dichloroethane	6.20	62	176752	56.311	ug/l	99
43) Isopropyl Acetate	6.45	43	363331	58.334	ug/l	100
44) Trichloroethene	7.21	130	114247	52.622	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137819	56.064	ug/l	99
46) Dibromomethane	7.66	93	79255	55.398	ug/l	100
47) Bromodichloromethane	7.90	83	159028	56.674	ug/l	99
48) Methyl methacrylate	7.77	41	179295	58.259	ug/l	98
49) 1,4-Dioxane	7.74	88	66604	1156.280	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1157074	291.602	ug/l	100
52) Toluene	8.79	92	287815	54.197	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	184393	57.100	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	202578	56.023	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118447	56.277	ug/l	98
56) Ethyl methacrylate	9.18	69	214377	56.805	ug/l	98
57) 1,3-Dichloropropane	9.37	76	210383	56.141	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	548644	269.966	ug/l	99
59) 2-Hexanone	9.49	43	891226	291.323	ug/l	99
60) Dibromochloromethane	9.58	129	117229	58.115	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121391	55.883	ug/l	99
64) Tetrachloroethene	9.34	164	99620	51.583	ug/l	99
65) Chlorobenzene	10.14	112	291857	54.390	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109248	57.793	ug/l	98
67) Ethyl Benzene	10.25	91	547146	55.779	ug/l	99
68) m/p-Xylenes	10.36	106	396168	111.131	ug/l	100
69) o-Xylene	10.70	106	192869	55.603	ug/l	99
70) Styrene	10.71	104	338054	56.239	ug/l	99
71) Bromoform	10.85	173	86362	57.345	ug/l #	98
73) Isopropylbenzene	11.02	105	510868	55.185	ug/l	99
74) N-amyl acetate	10.90	43	313014	58.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	189788	56.109	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	164497m	55.160	ug/l	
77) Bromobenzene	11.26	156	124169	53.161	ug/l	99
78) n-propylbenzene	11.36	91	592946	55.805	ug/l	100
79) 2-Chlorotoluene	11.42	91	351985	54.973	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	431631	55.562	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63721	54.855	ug/l	97
82) 4-Chlorotoluene	11.51	91	404354	54.377	ug/l	100
83) tert-Butylbenzene	11.77	119	412247	55.273	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	436591	55.211	ug/l	100
85) sec-Butylbenzene	11.94	105	492490	55.365	ug/l	100
86) p-Isopropyltoluene	12.06	119	450952	55.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219852	53.780	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219552	52.980	ug/l	100
89) n-Butylbenzene	12.38	91	414943	54.480	ug/l	99
90) Hexachloroethane	12.60	117	76194	56.481	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	219511	54.378	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44162	57.343	ug/l	99

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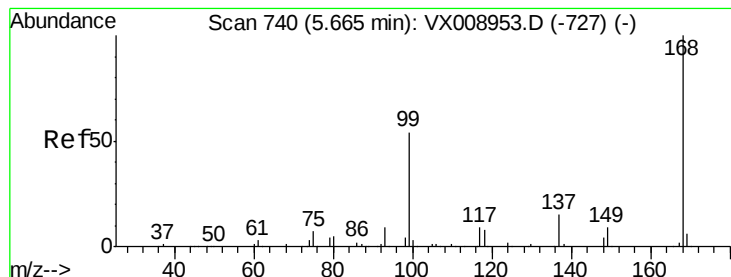
Manual Integrations
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4/24/2019 12:03:19 PM

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	156460	53.692	ug/l	100
94) Hexachlorobutadiene	13.78	225	77914	53.609	ug/l	100
95) Naphthalene	13.83	128	533076	57.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157984	54.948	ug/l	100

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



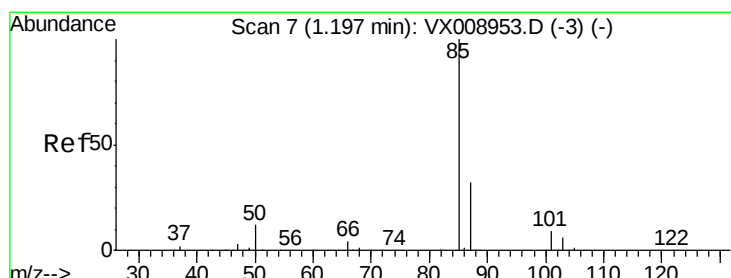
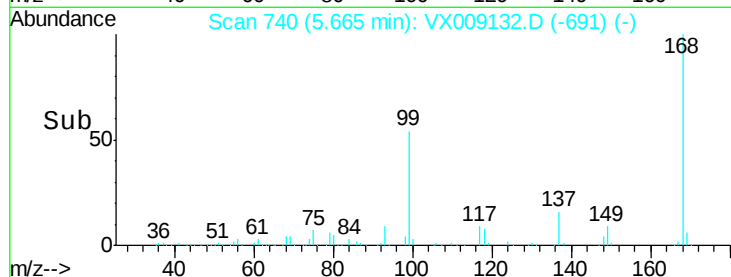
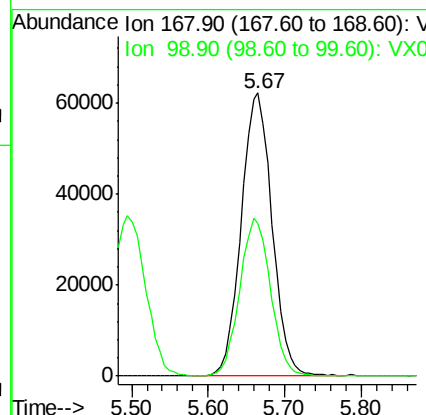
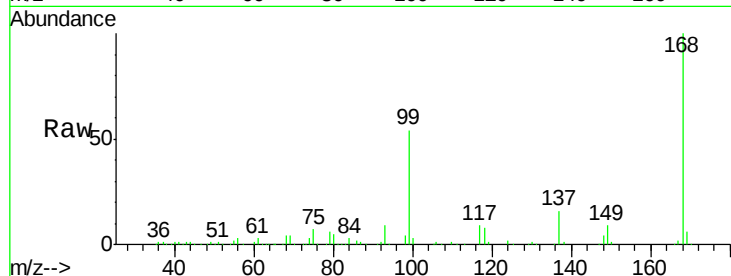
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.8	43.0	64.6

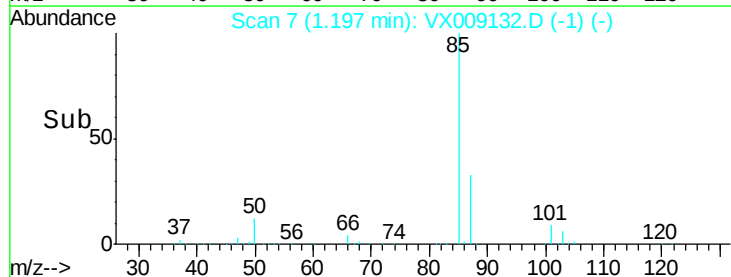
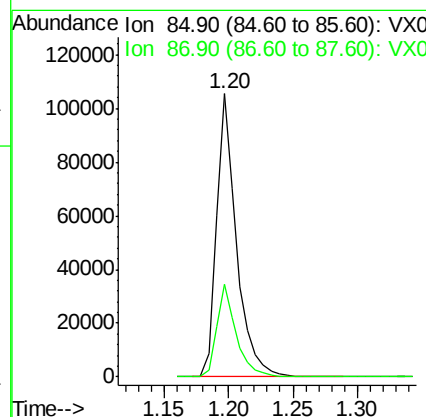
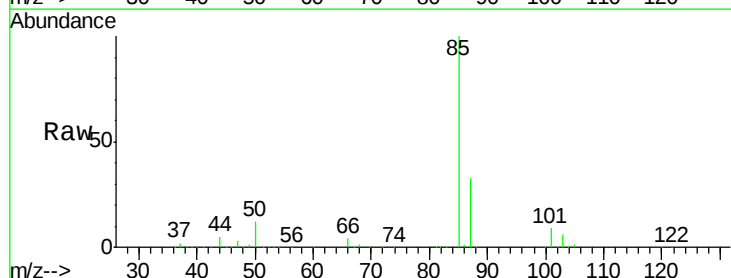
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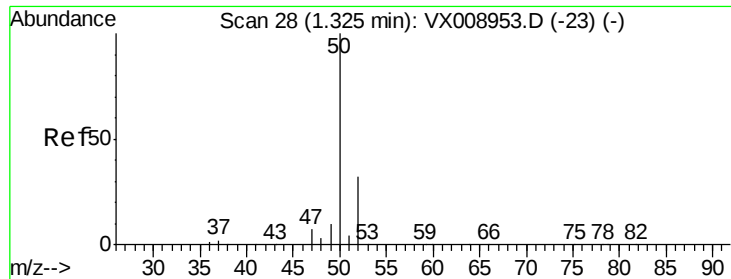
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#2
Dichlorodifluoromethane
Concen: 57.253 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.0	47.9





#3

Chloromethane

Concen: 53.966 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 132863

Ion Ratio Lower Upper

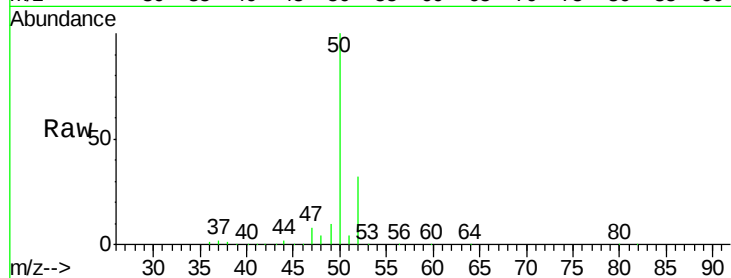
50 100

52 31.9 25.5 38.3

Manual Integrations
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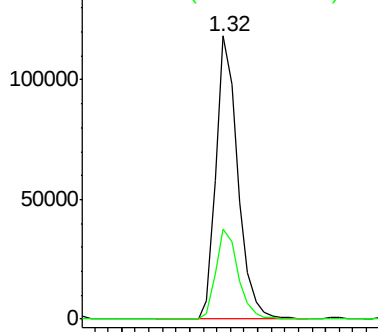
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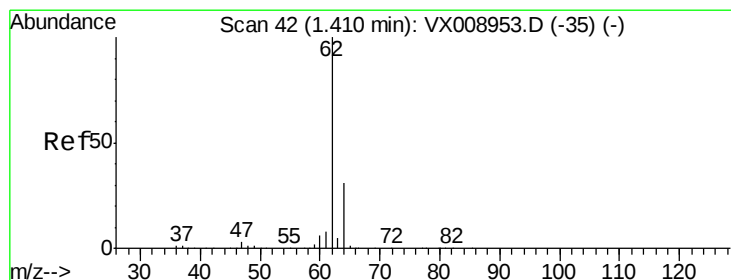
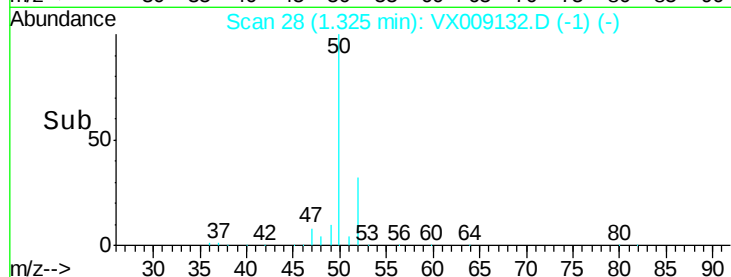


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 56.190 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009132.D

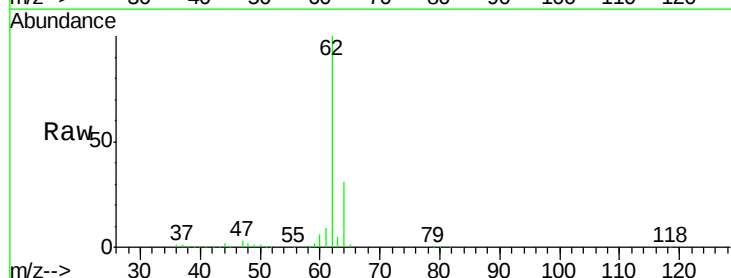
Acq: 23 Apr 2019 19:34

Tgt Ion: 62 Resp: 134645

Ion Ratio Lower Upper

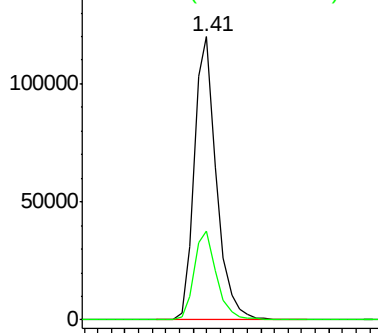
62 100

64 31.3 25.0 37.4

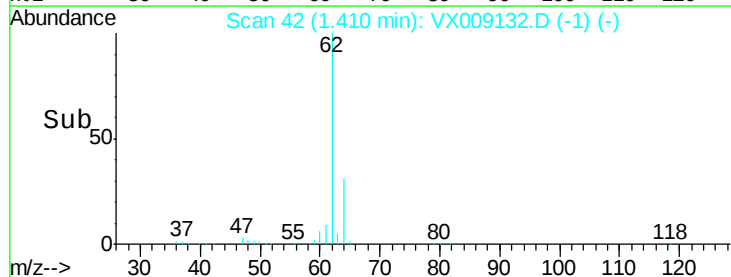


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 165.811 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 263296

Ion Ratio Lower Upper

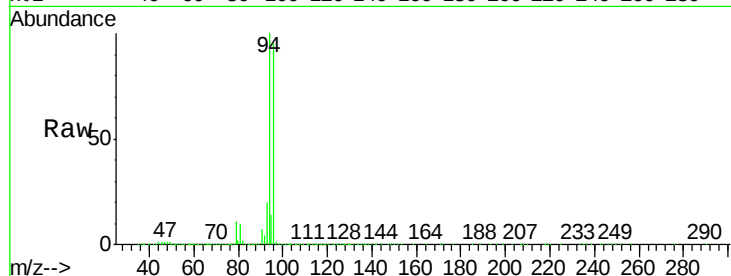
94 100

96 94.6 73.9 110.9

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300000

250000

200000

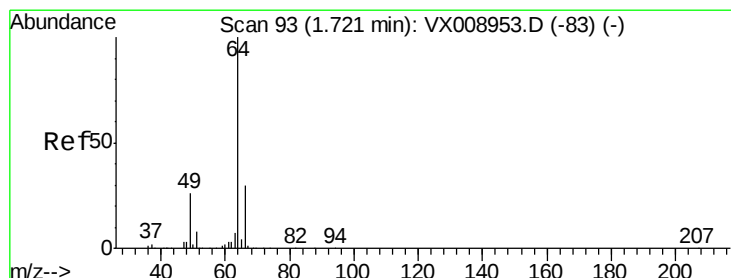
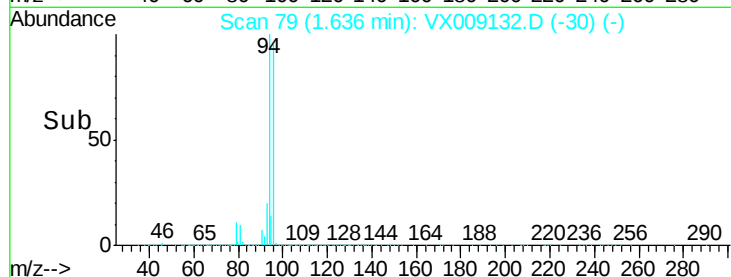
150000

100000

50000

0

Time--> 1.50 1.60 1.70



#6

Chloroethane

Concen: 58.309 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009132.D

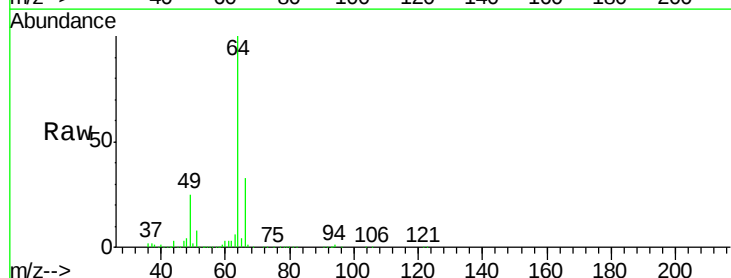
Acq: 23 Apr 2019 19:34

Tgt Ion: 64 Resp: 82162

Ion Ratio Lower Upper

64 100

66 32.8 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

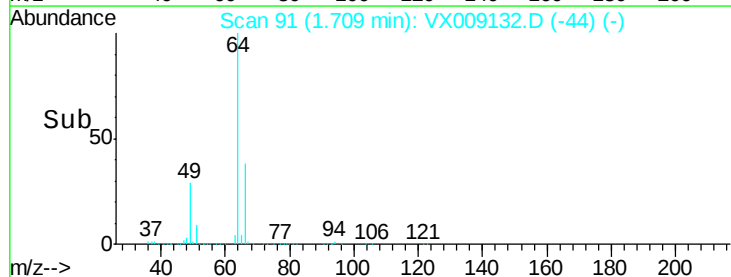
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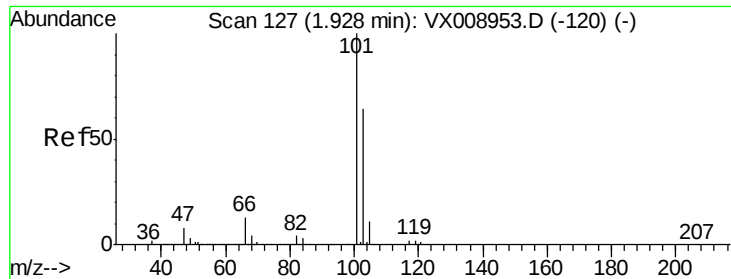
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20000

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Time--> 1.60 1.70 1.80





#7

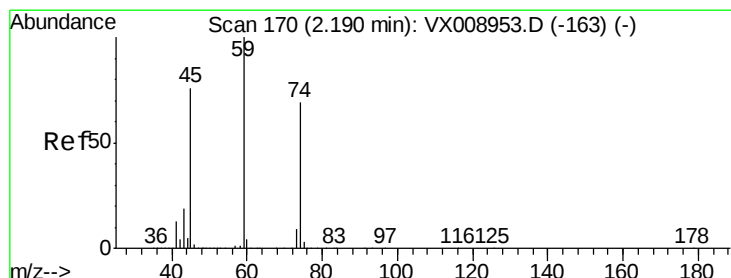
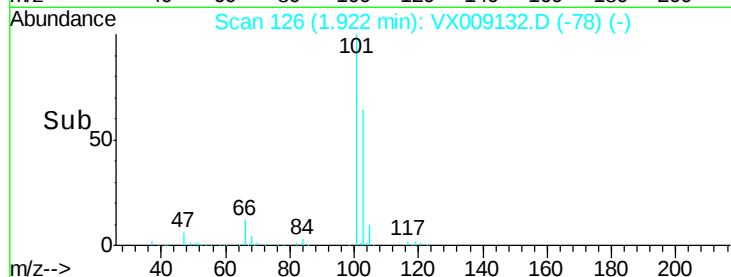
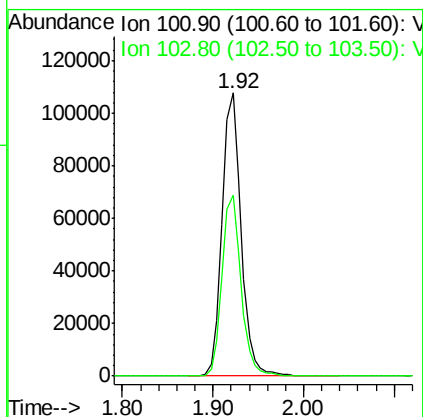
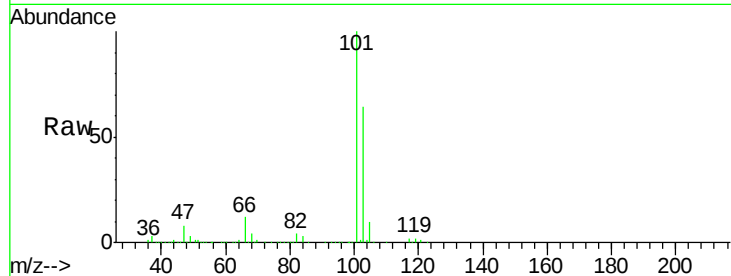
Trichlorofluoromethane
Concen: 56.514 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		158111		
103	64.1	51.0	76.6		

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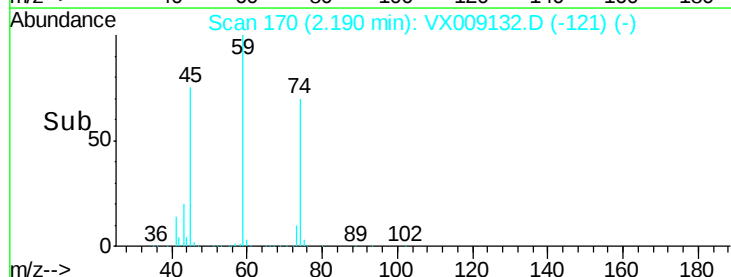
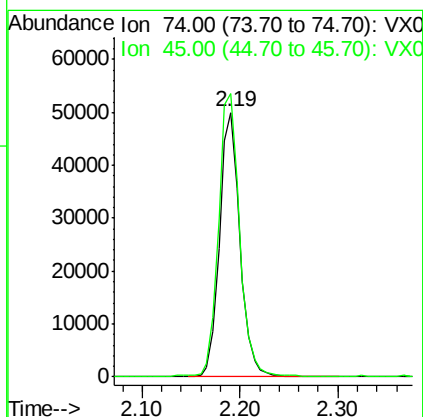
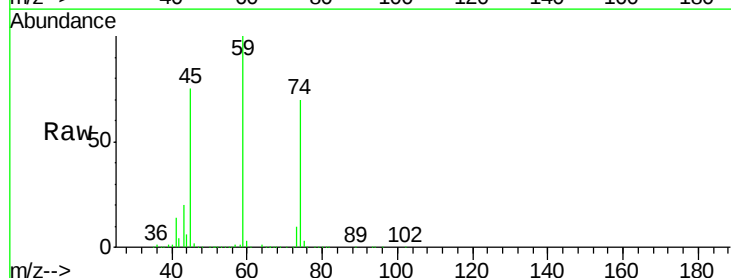
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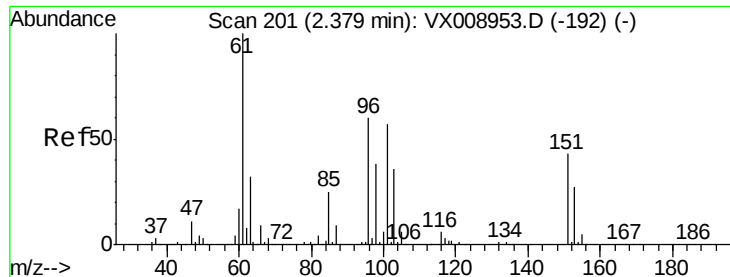


#8

Diethyl Ether
Concen: 56.457 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		72235		
45	109.7	54.9	164.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.446 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

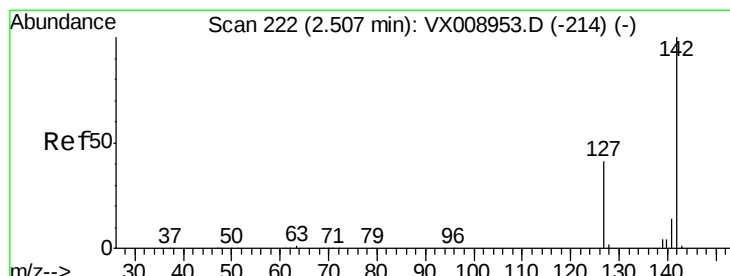
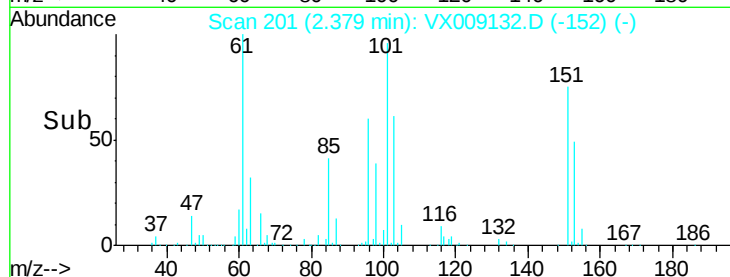
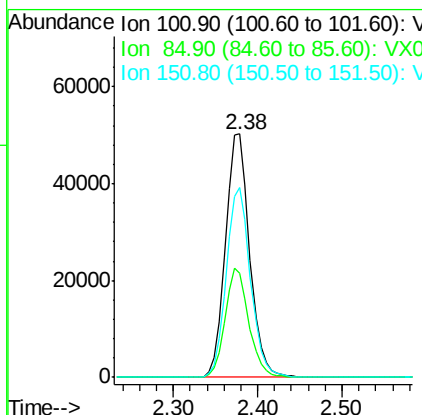
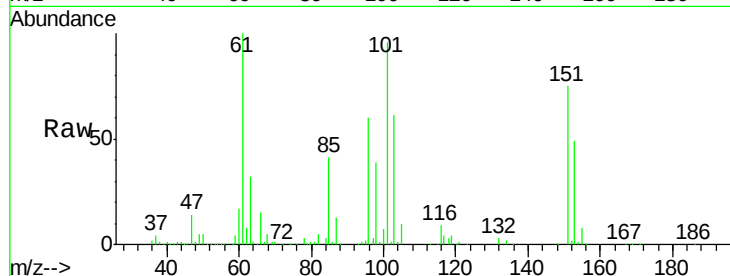
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	99181
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.7	53.5
151	77.5	62.7	94.1

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 51.387 ug/l

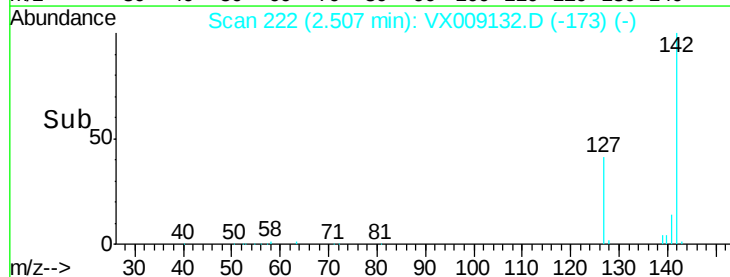
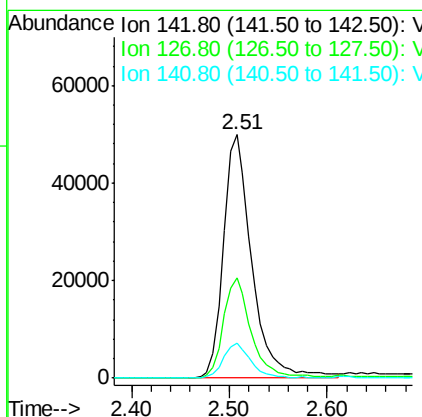
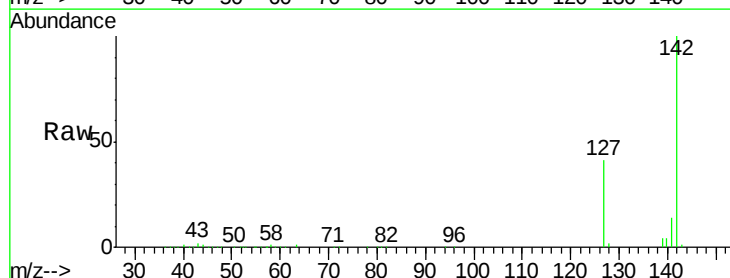
RT: 2.51 min Scan# 222

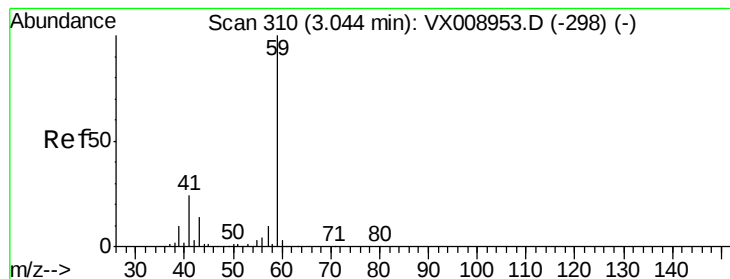
Delta R.T. 0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Tgt Ion:	142	Resp:	100766
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.8	49.2
141	13.9	11.4	17.2





#11

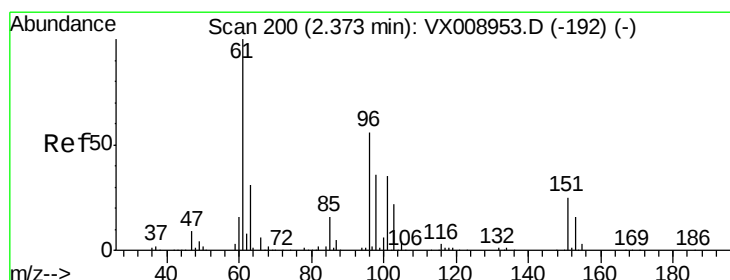
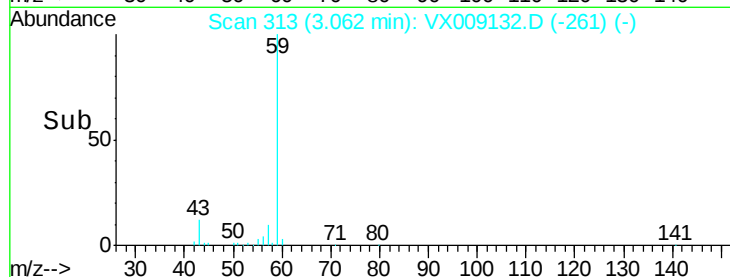
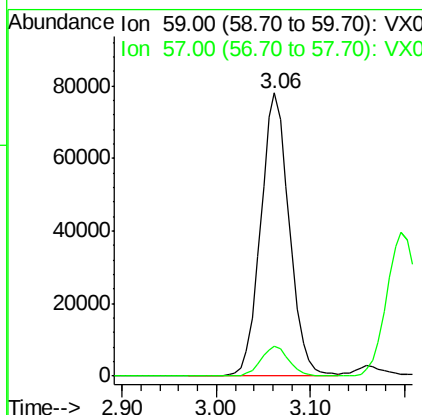
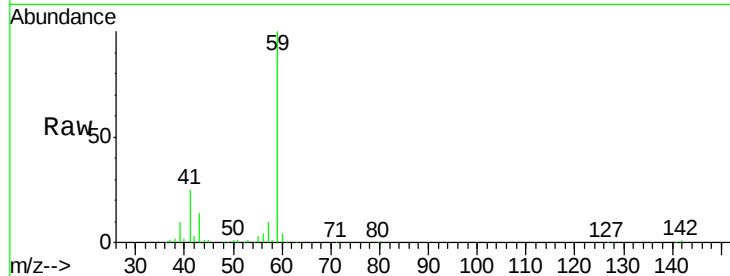
Tert butyl alcohol
 Concen: 306.009 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.02 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	57	Ratio	100	10.3	Resp	166668	Lower	8.4	Upper	12.6
Ion	59	57	Ratio	100	10.3	Resp	166668	Lower	8.4	Upper	12.6

Manual Integrations
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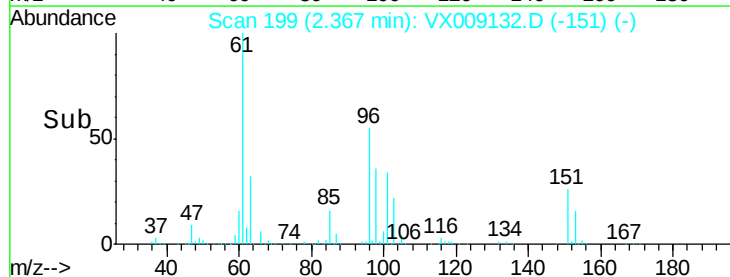
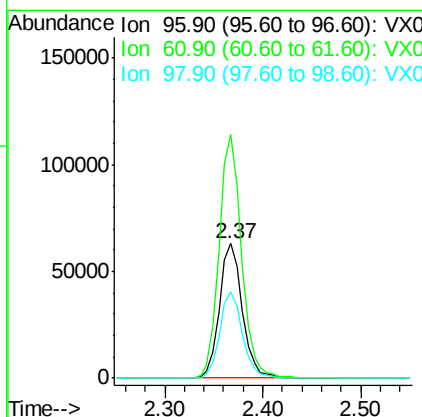
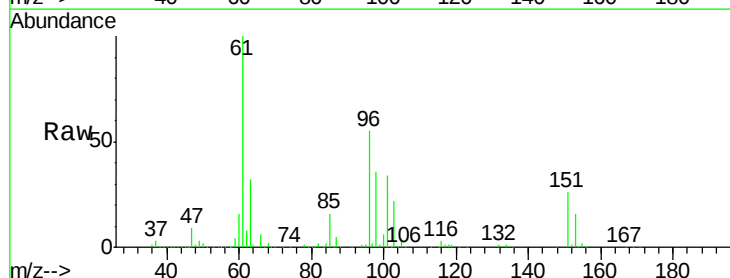
MMDadoda
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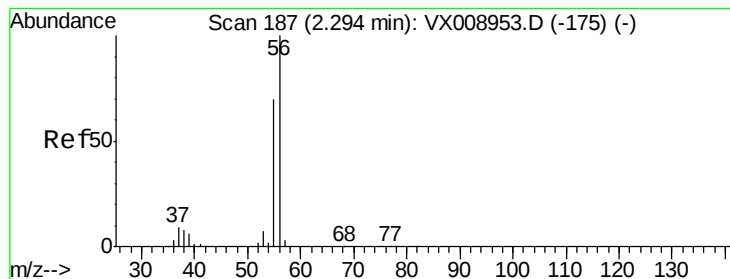


#12

1,1-Dichloroethene
 Concen: 54.470 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Tgt Ion	96	61	98	Ratio	100	181.2	64.5	Resp	101701	Lower	142.2	50.9	Upper	213.2	76.3
Ion	96	61	98	Ratio	100	181.2	64.5	Resp	101701	Lower	142.2	50.9	Upper	213.2	76.3





#13

Acrolein

Concen: 234.371 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 110295

Ion Ratio Lower Upper

56 100

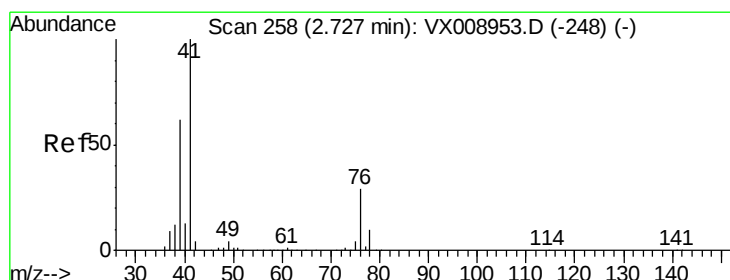
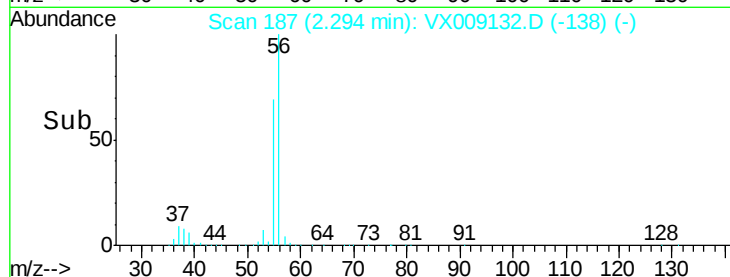
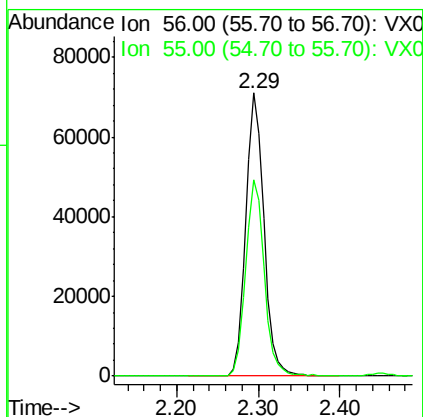
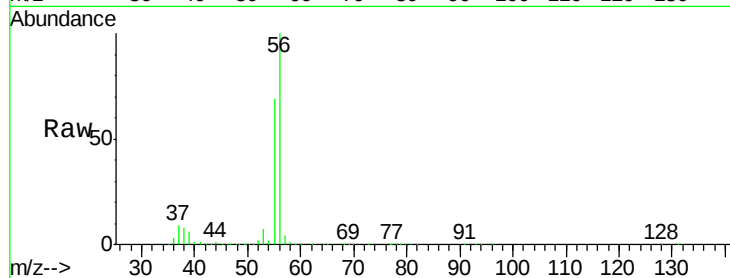
55 70.6 56.6 84.8

Manual Integrations

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#14

Allyl chloride

Concen: 59.387 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

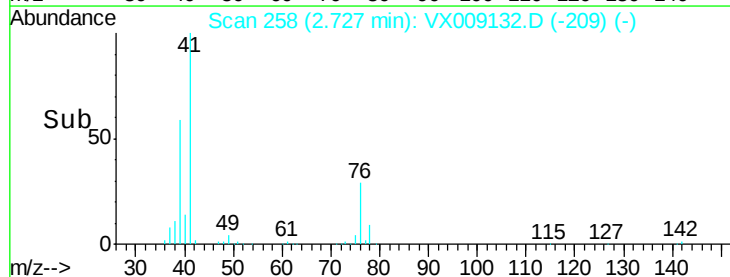
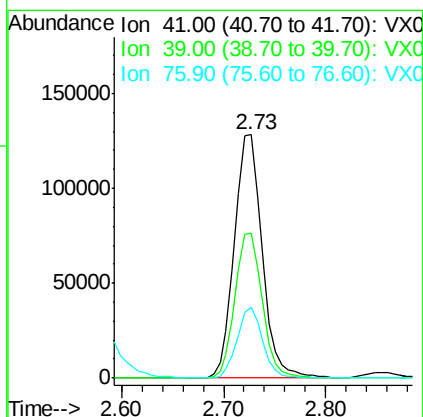
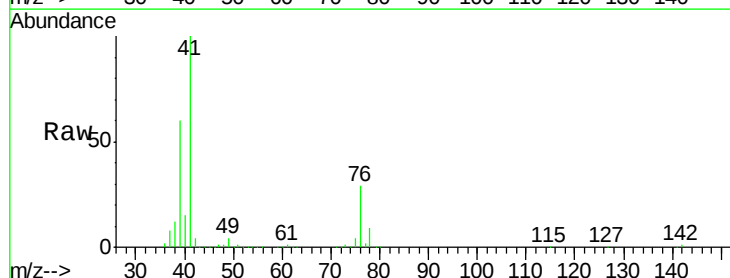
Tgt Ion: 41 Resp: 241912

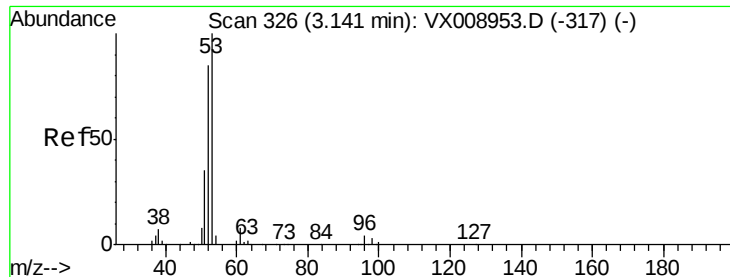
Ion Ratio Lower Upper

41 100

39 58.6 46.7 70.1

76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 295.868 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

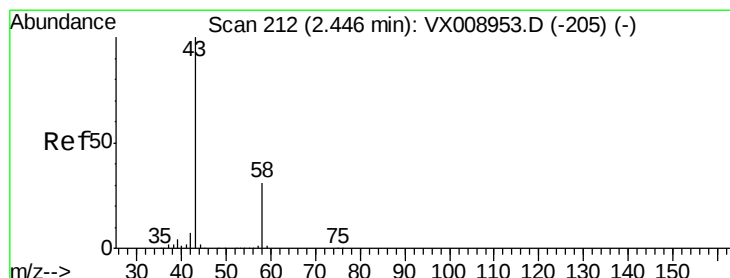
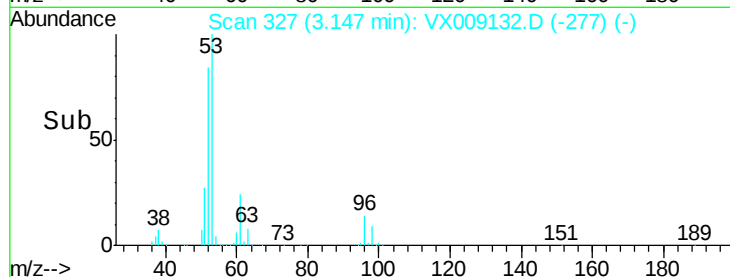
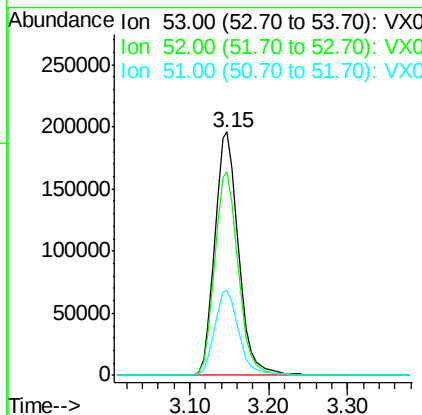
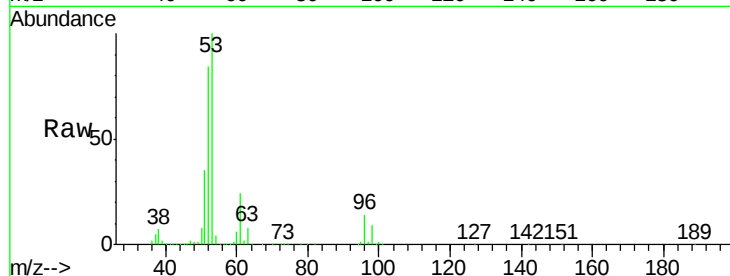
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	409063
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	100.0
51	35.6	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 283.726 ug/l

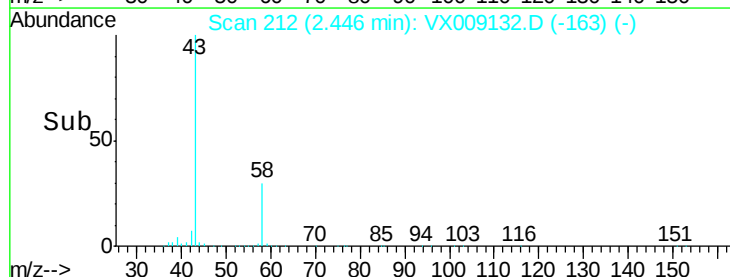
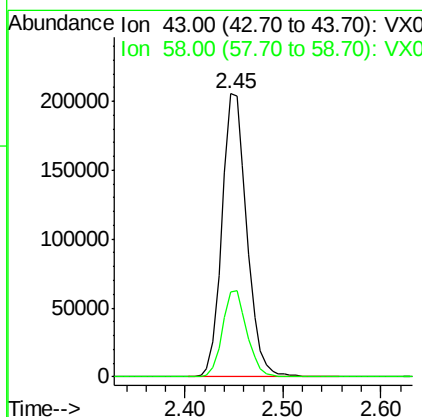
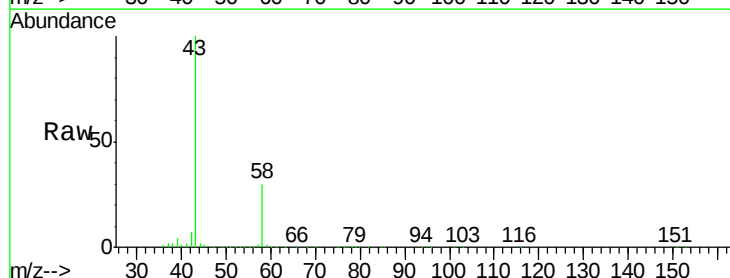
RT: 2.45 min Scan# 212

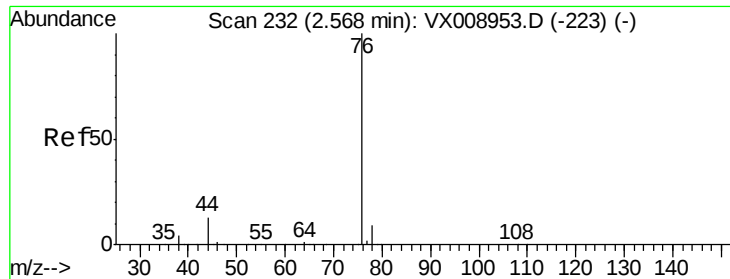
Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Tgt Ion:	43	Resp:	361018
Ion Ratio	Lower	Upper	
43	100		
58	30.0	24.8	37.2





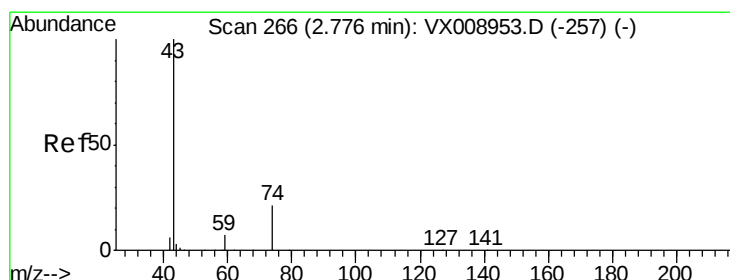
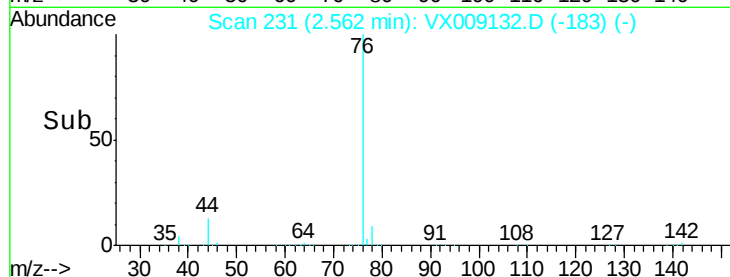
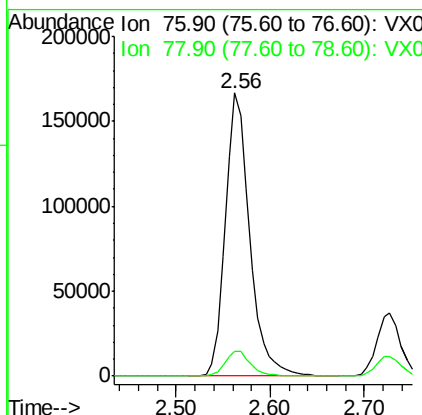
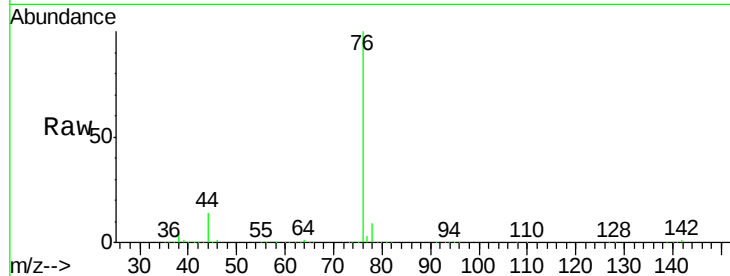
#17
Carbon Disulfide
Concen: 54.467 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

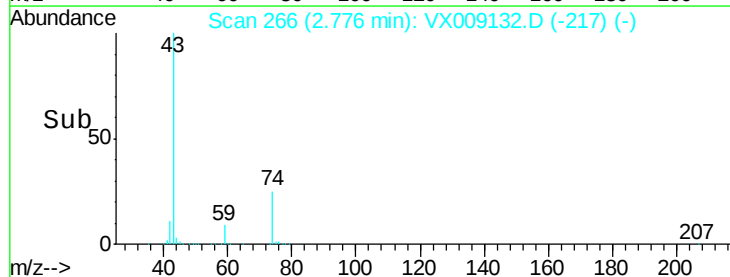
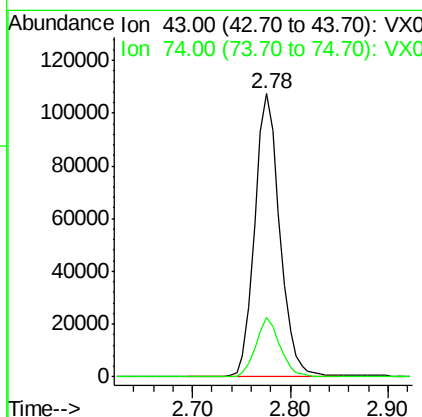
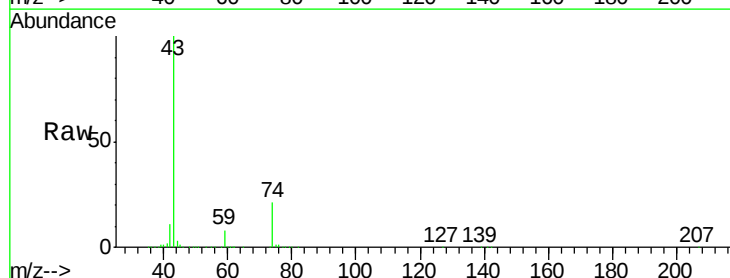
Manual Integrations
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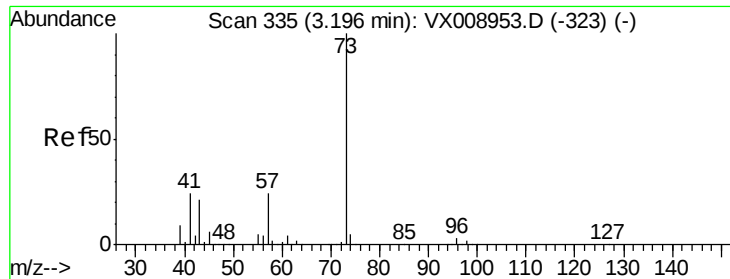
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#18
Methyl Acetate
Concen: 59.850 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.1	16.6	25.0





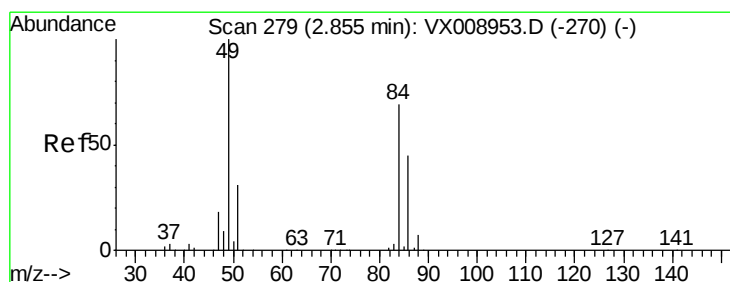
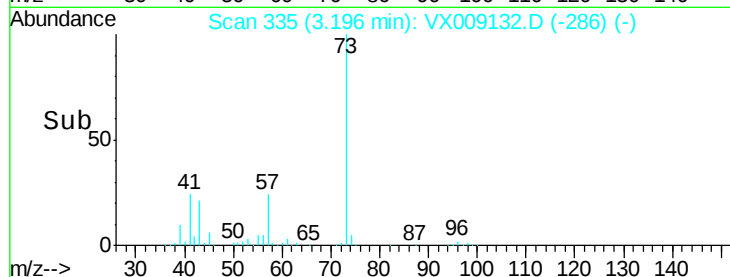
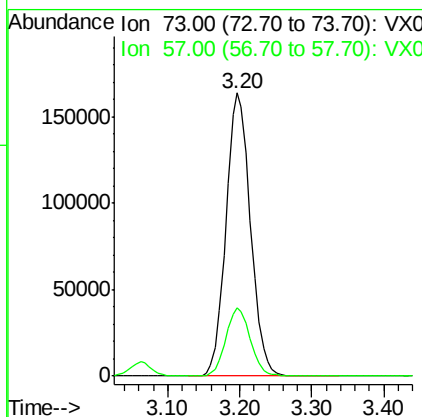
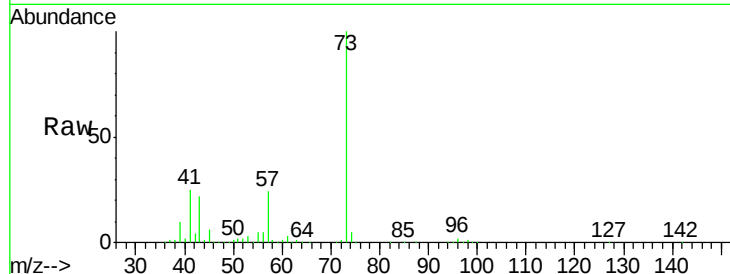
#19
Methvl tert-butvl Ether
Concen: 58.249 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 387513
Ion Ratio Lower Upper
73 100
57 24.2 19.2 28.8

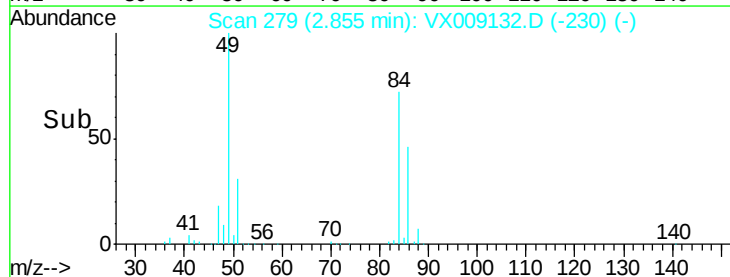
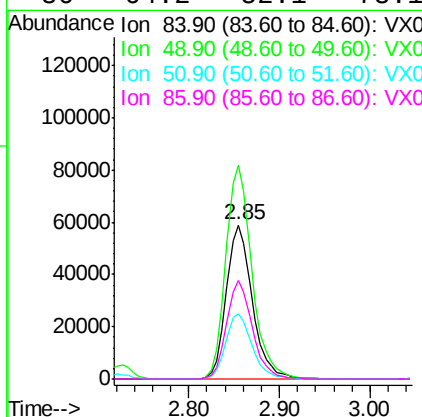
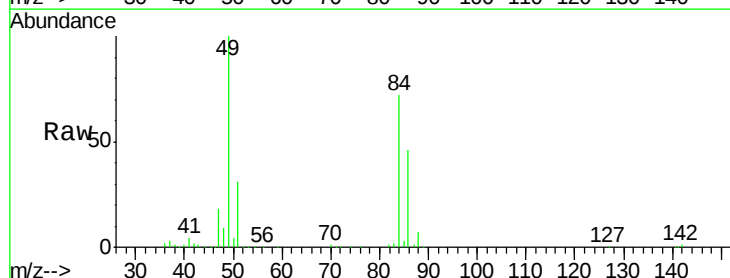
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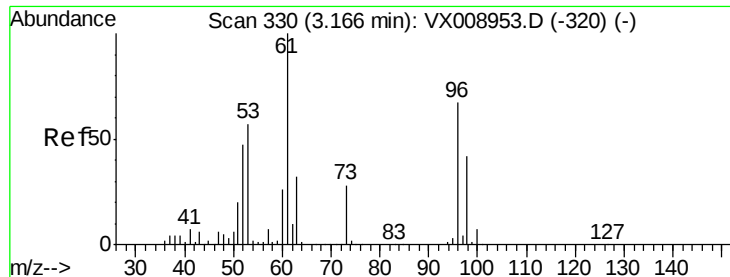
MMDadoda
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#20
Methylene Chloride
Concen: 54.003 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion: 84 Resp: 117509
Ion Ratio Lower Upper
84 100
49 138.8 115.4 173.0
51 42.8 35.8 53.6
86 64.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 55.276 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 110082

Ion Ratio Lower Upper

96 100

61 150.6 120.3 180.5

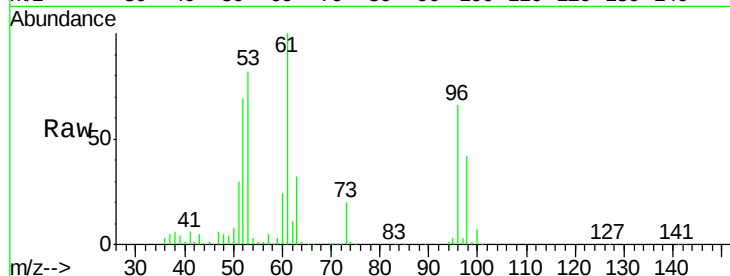
98 63.5 50.2 75.2

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Abundance

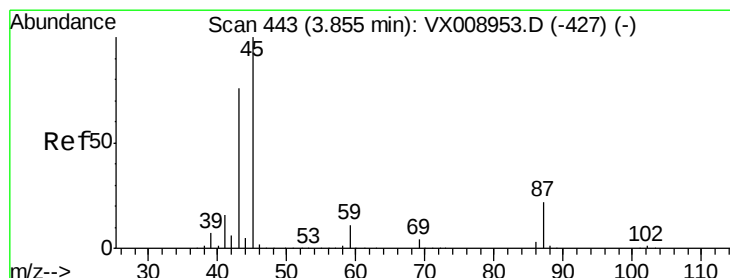
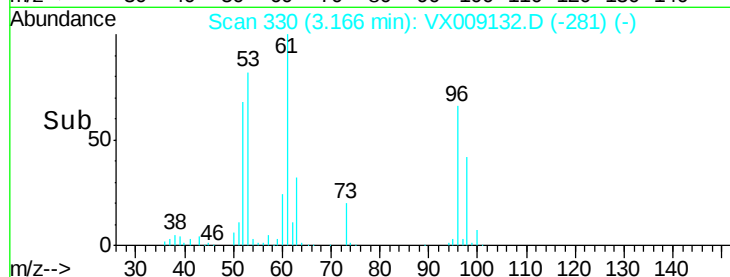
Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3.17

Time-->



#22

Diisopropyl ether

Concen: 58.738 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Tgt Ion: 45 Resp: 464937

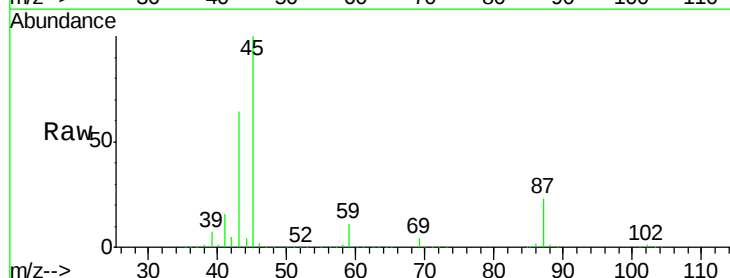
Ion Ratio Lower Upper

45 100

43 63.9 60.6 91.0

87 22.8 17.8 26.8

59 10.6 8.7 13.1



Abundance

Ion 45.00 (44.70 to 45.70): VX0

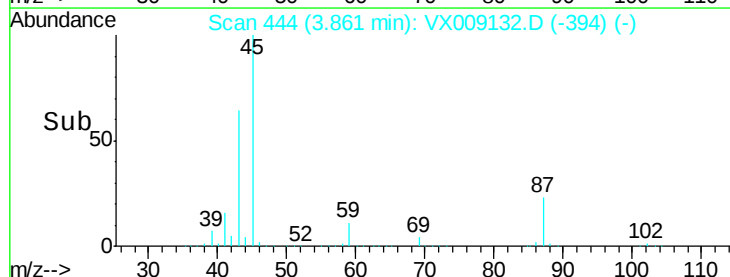
Ion 43.00 (42.70 to 43.70): VX0

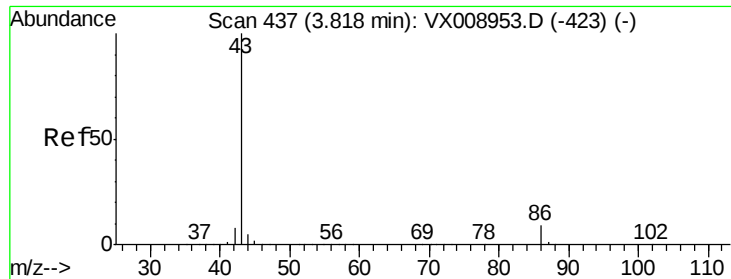
Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

3.86

Time-->





#23

Vinyl Acetate

Concen: 304.252 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2116978

Ion Ratio Lower Upper

43 100

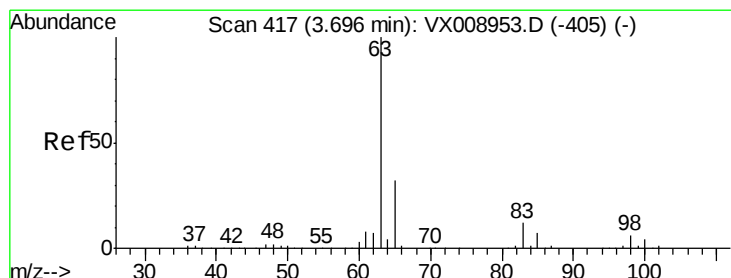
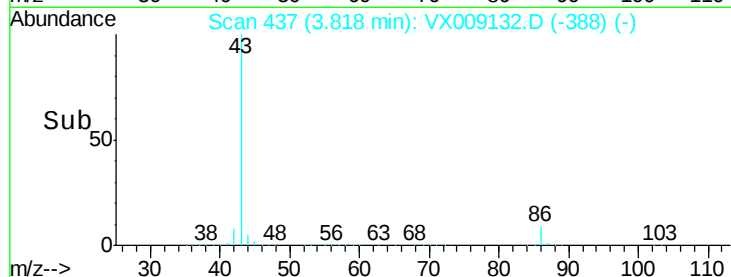
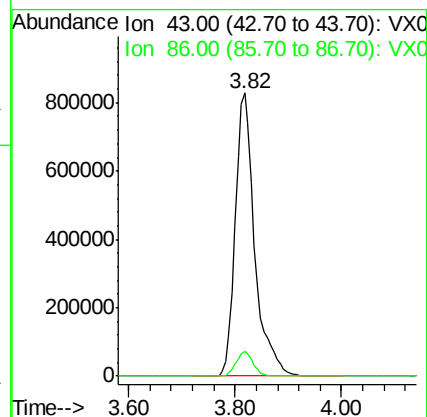
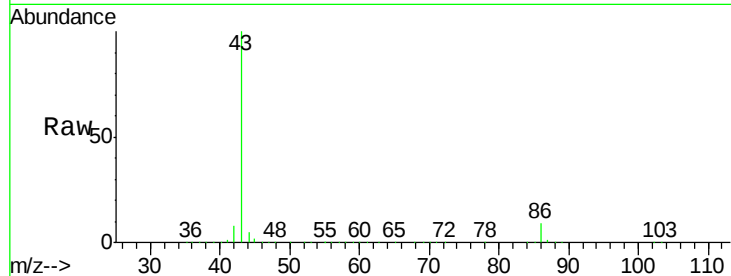
86 8.6 7.1 10.7

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#24

1,1-Dichloroethane

Concen: 57.762 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

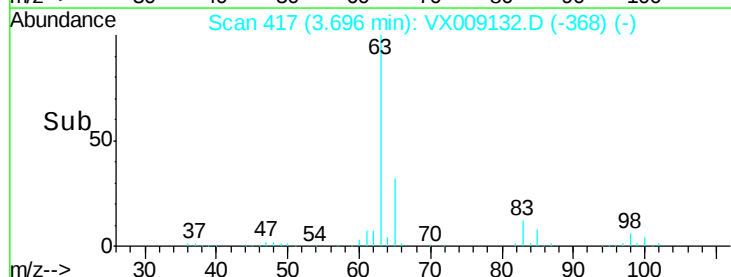
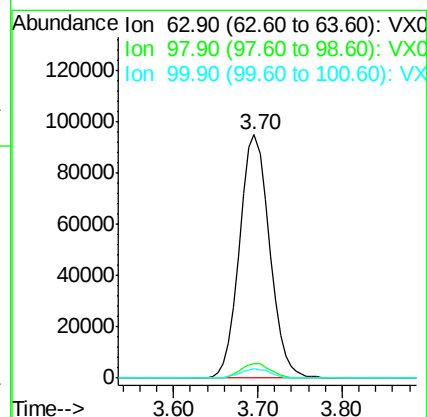
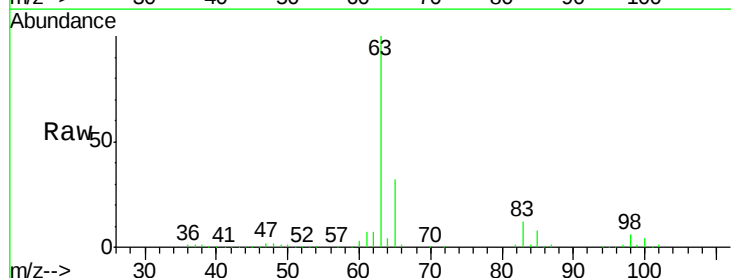
Tgt Ion: 63 Resp: 229512

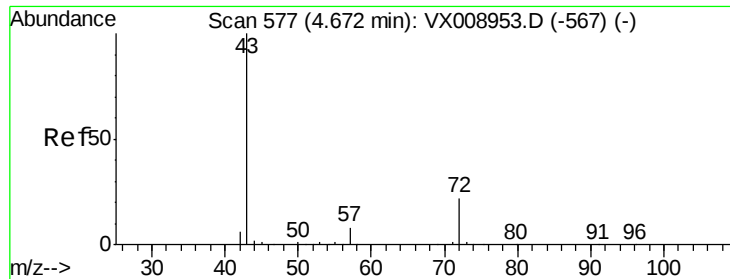
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 3.6 1.9 5.7





#25

2-Butanone

Concen: 300.801 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Tot Ion: 43 Resp: 611793

Ion Ratio Lower Upper

43 100

72 22.8 17.5 26.3

Instrument :

MSVOA_X

ClientSampleId :

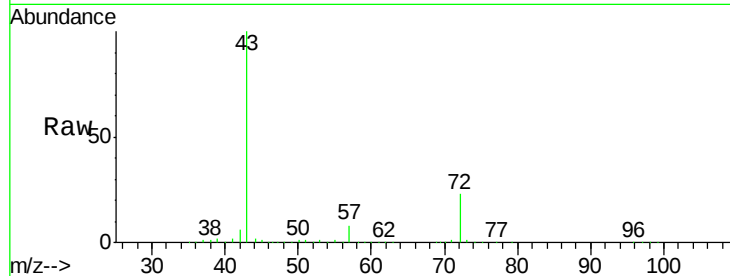
VSTDCCC050

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

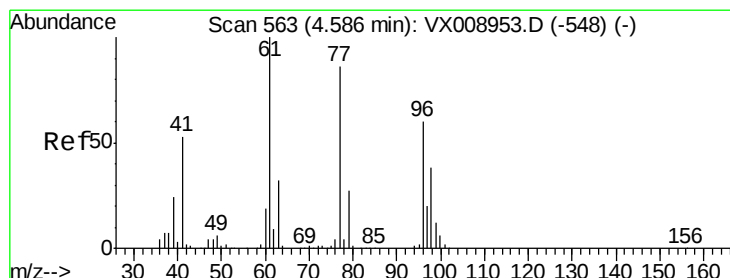
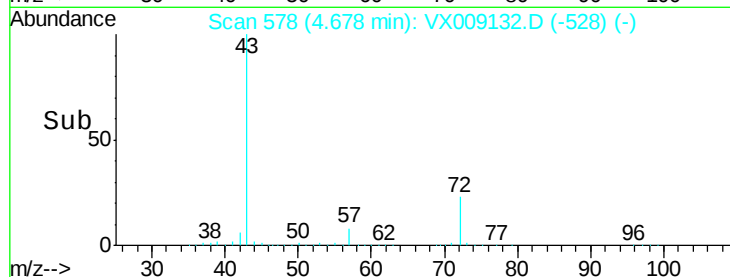
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.637 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009132.D

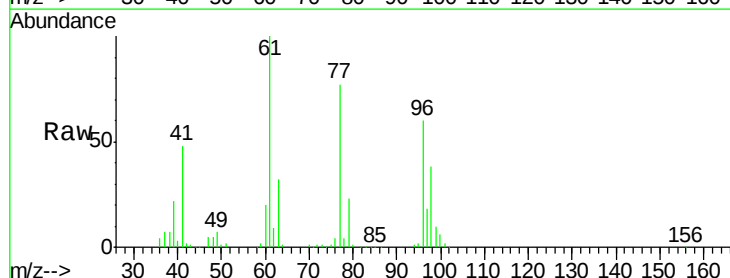
Acq: 23 Apr 2019 19:34

Tgt Ion: 77 Resp: 153796

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

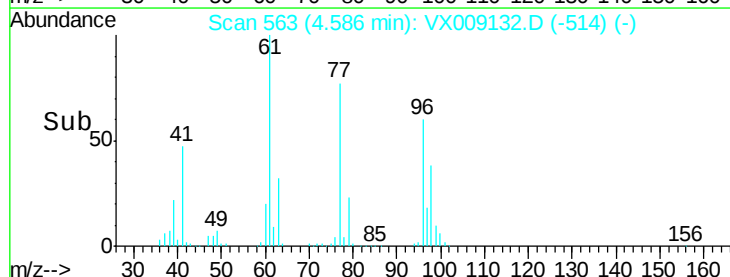
0

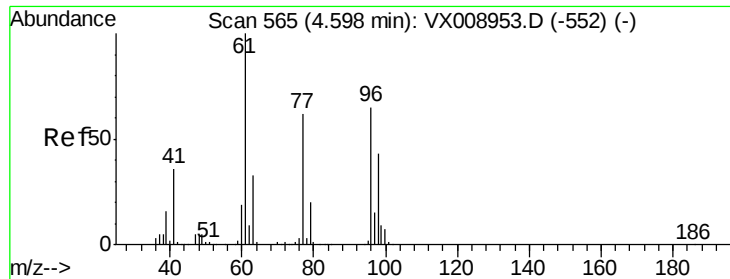
4.50

4.60

4.70

Time-->





#27

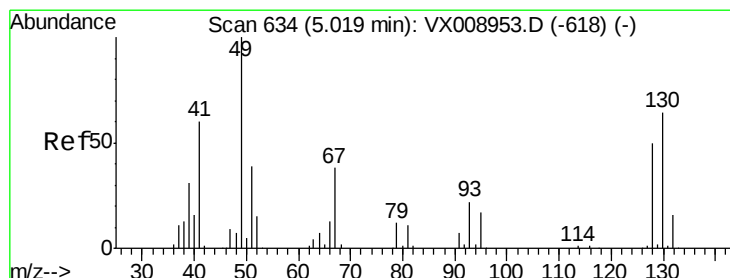
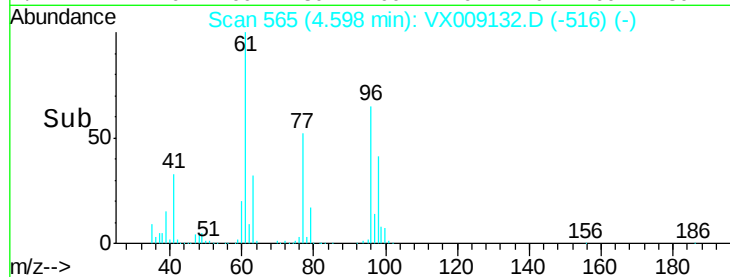
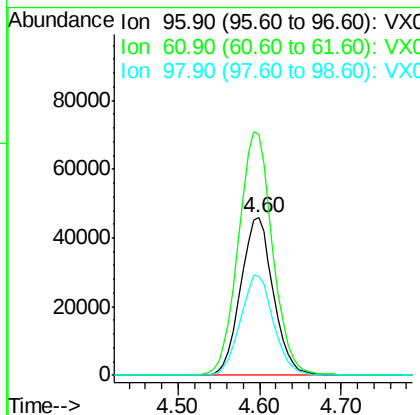
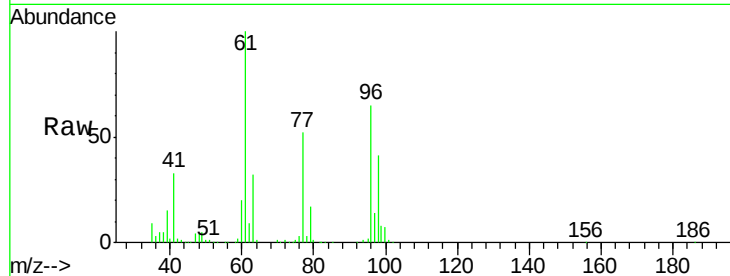
cis-1,2-Dichloroethene
Concen: 56.491 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127730		
61	161.6	0.0	322.0	
98	64.7	0.0	128.4	

Manual Integrations
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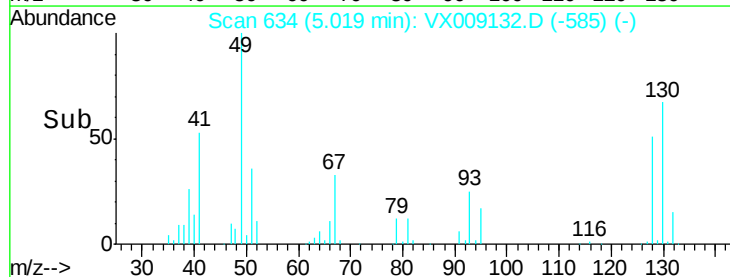
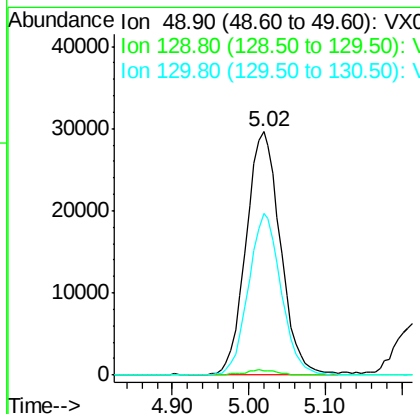
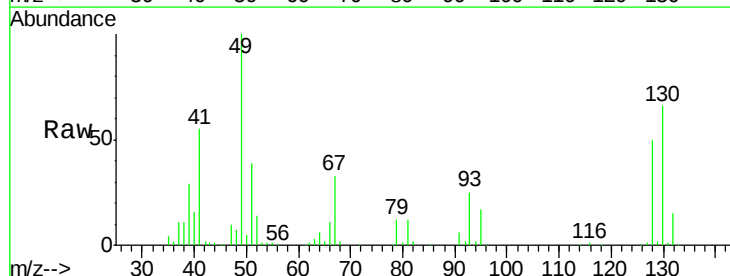
MMDadoda
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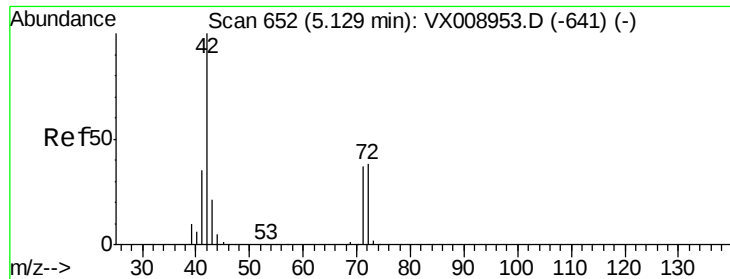


#28

Bromochloromethane
Concen: 56.382 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	92646		
129	1.9	0.0	3.6	
130	63.2	50.4	75.6	





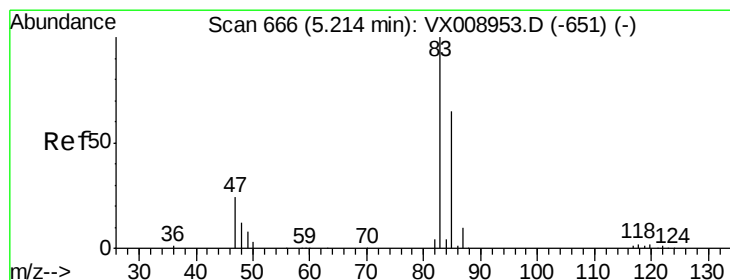
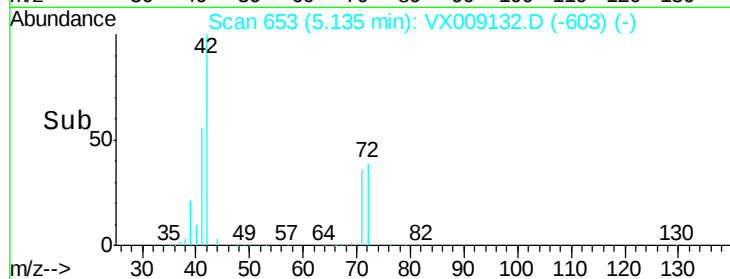
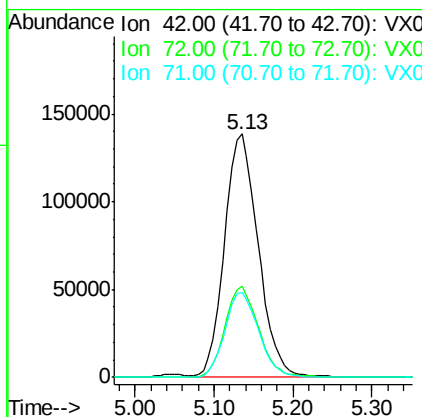
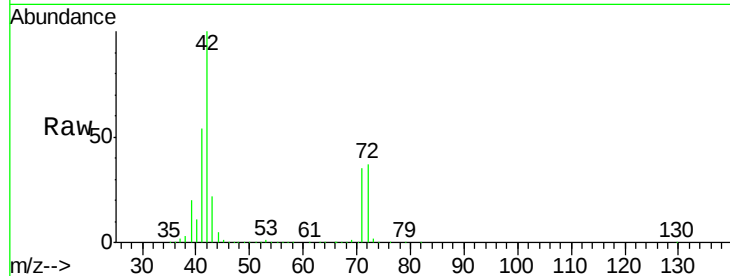
#29
Tetrahydrofuran
Concen: 301.496 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.6	45.8
71	35.5	28.8	43.2

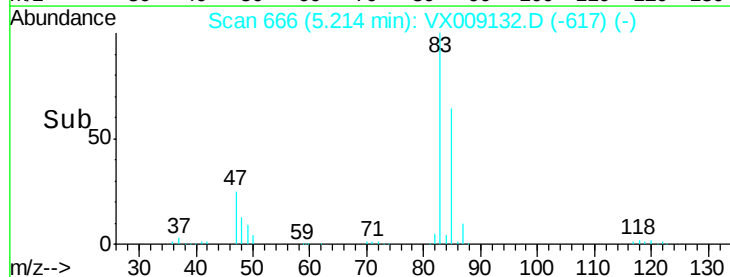
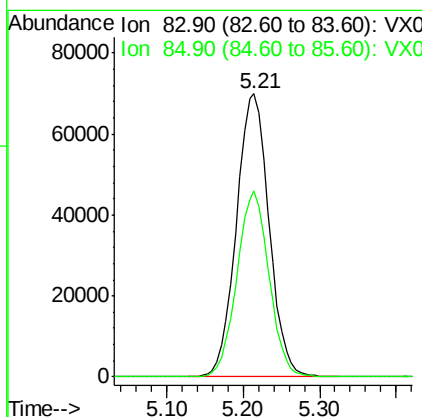
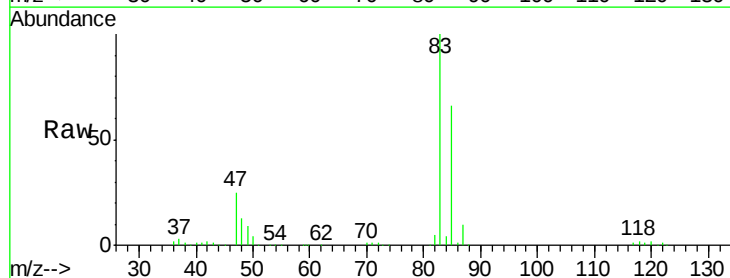
Manual Integrations
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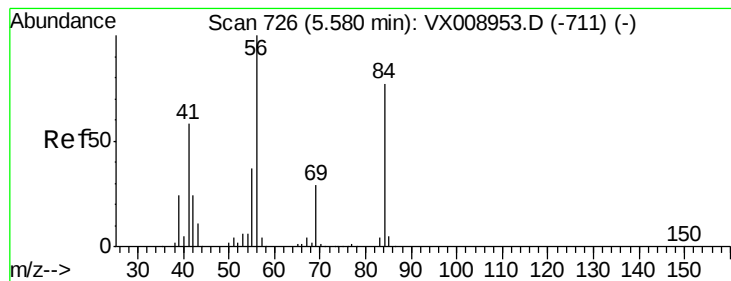
MMDadoda
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#30
Chloroform
Concen: 58.267 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.9	77.9





#31

Cyclohexane

Concen: 57.096 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

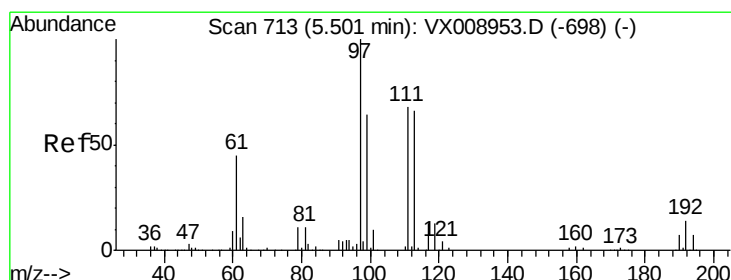
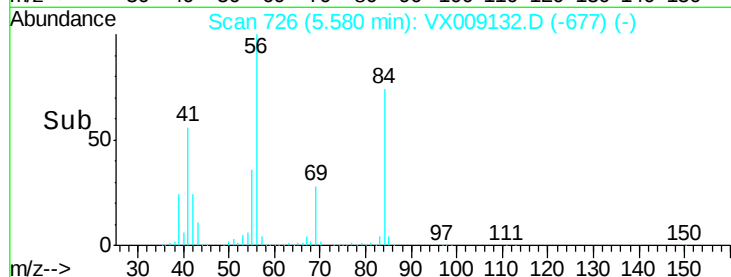
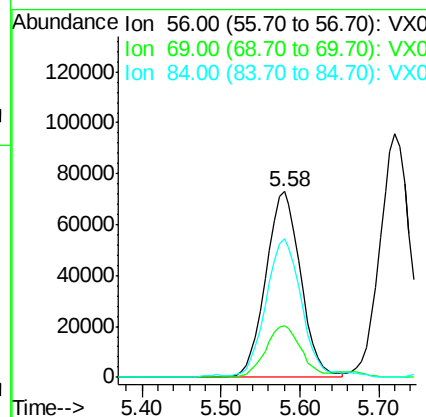
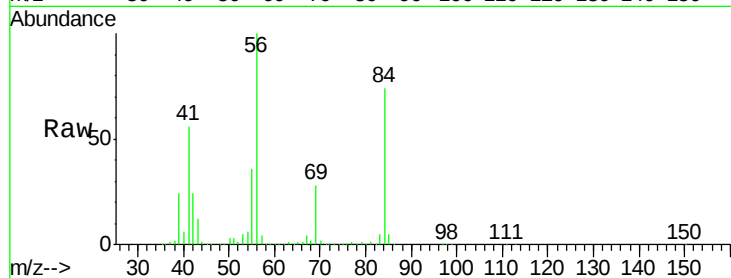
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	223137
Ion	Ratio	Lower	Upper
56	100		
69	27.7	23.3	34.9
84	73.9	61.7	92.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 58.197 ug/l

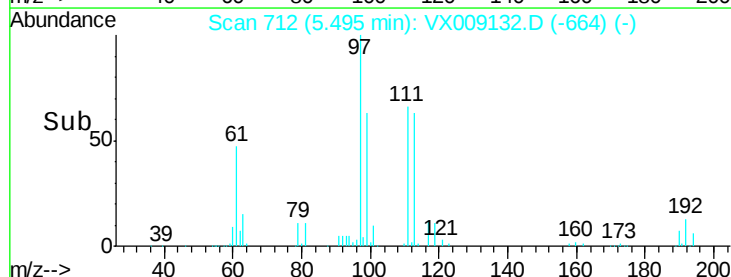
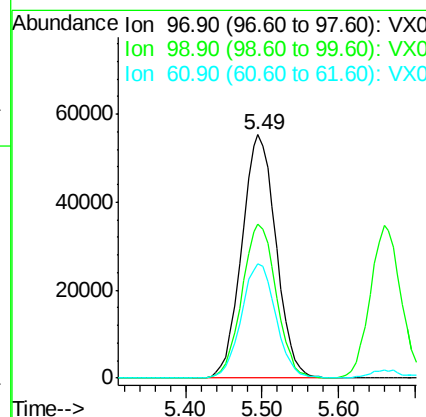
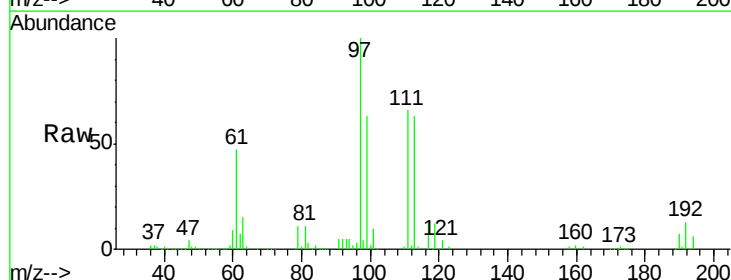
RT: 5.49 min Scan# 712

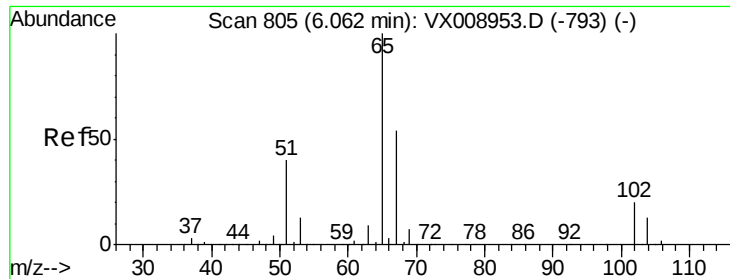
Delta R.T. -0.01 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Tgt Ion:	97	Resp:	171502
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	47.6	37.9	56.9





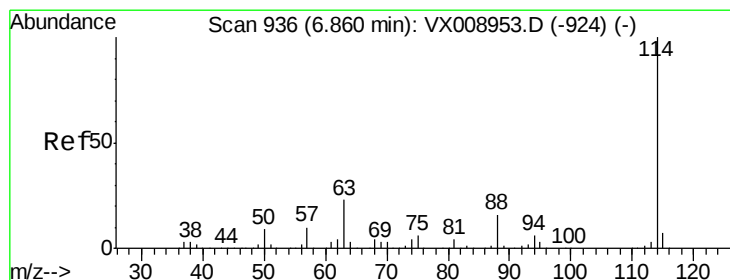
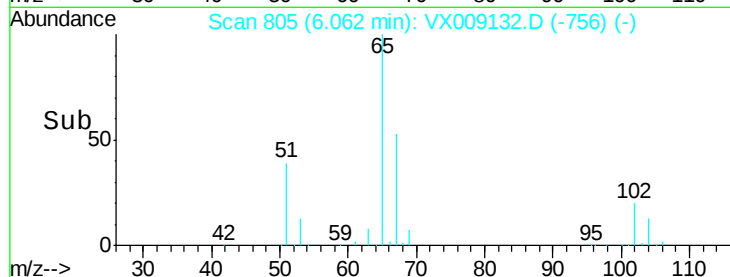
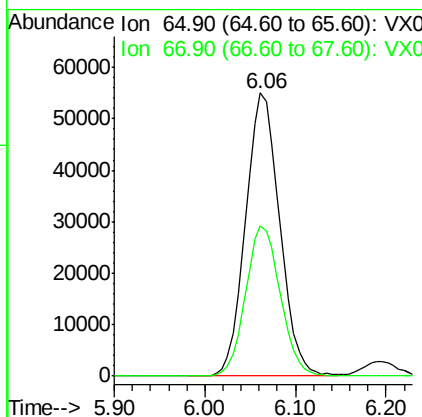
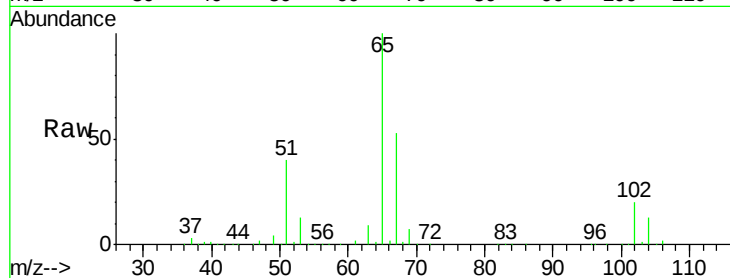
#33
 1,2-Dichloroethane-d4
 Concen: 58.448 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.6

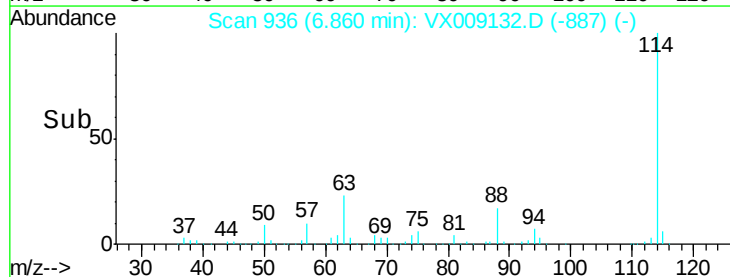
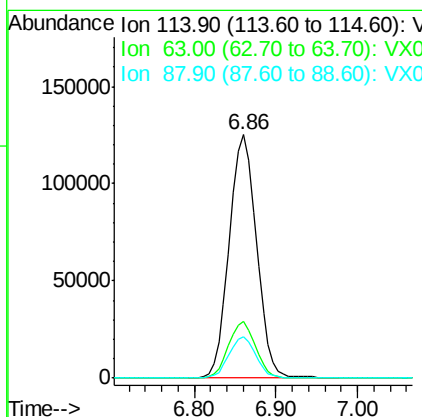
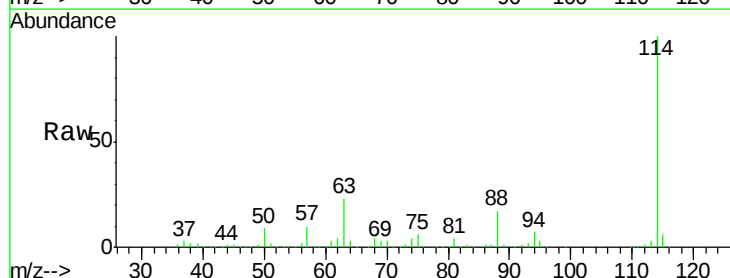
Manual Integrations
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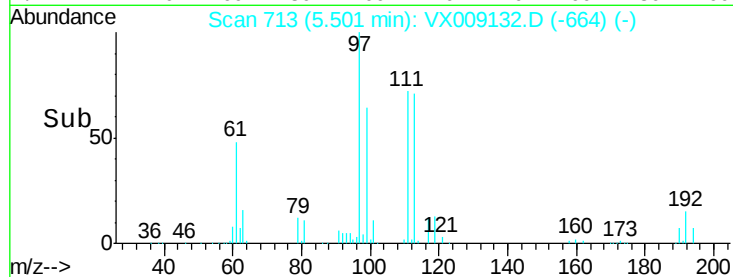
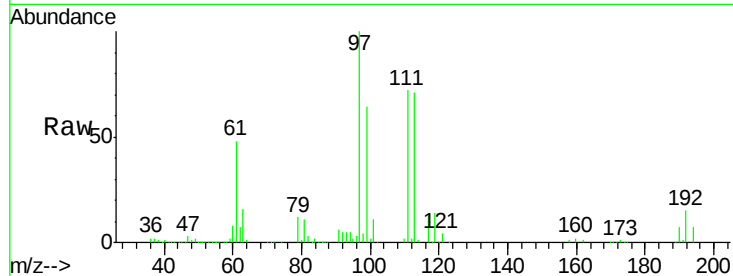
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	46.0
88	17.1	0.0	32.6





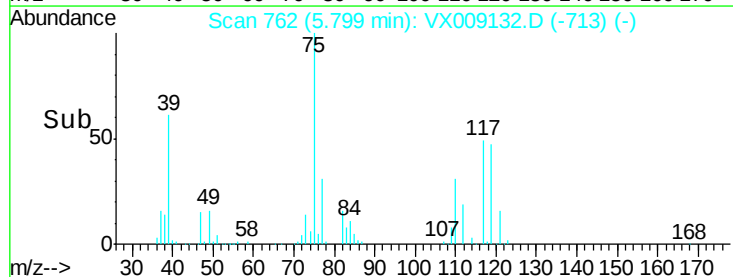
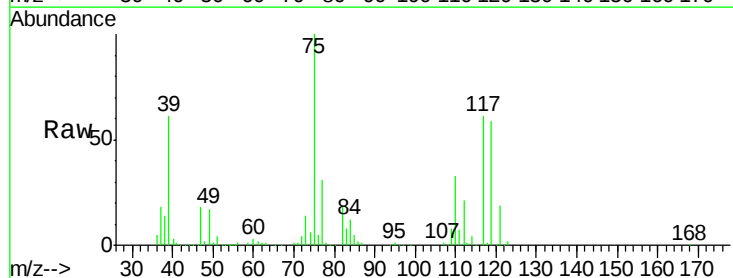
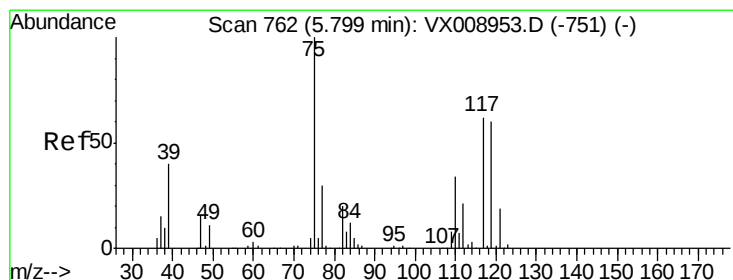
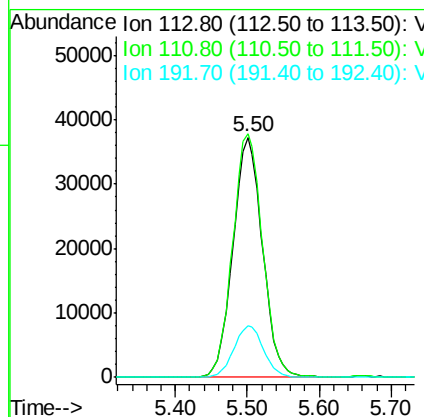
#35
Dibromofluoromethane
Concen: 56.810 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105888		
111	102.9	82.9	124.3	
192	21.6	17.4	26.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

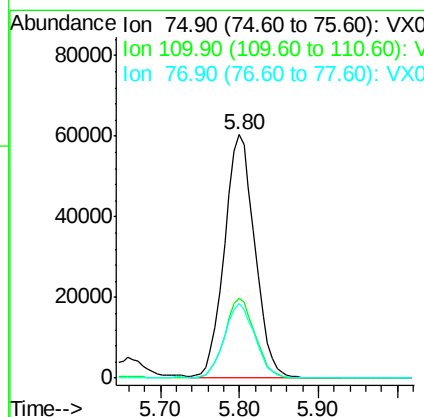
Manual Integrations
APPROVED

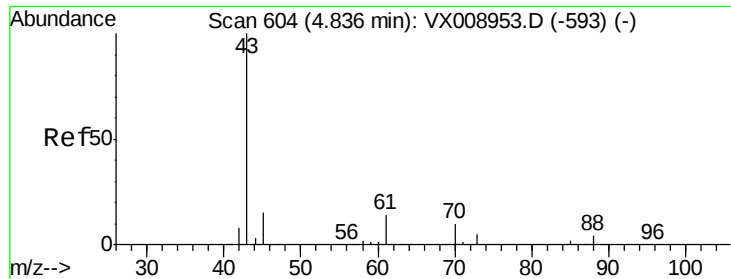
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#36
1,1-Dichloropropene
Concen: 53.604 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	161007		
110	33.0	16.9	50.7	
77	30.9	25.0	37.4	





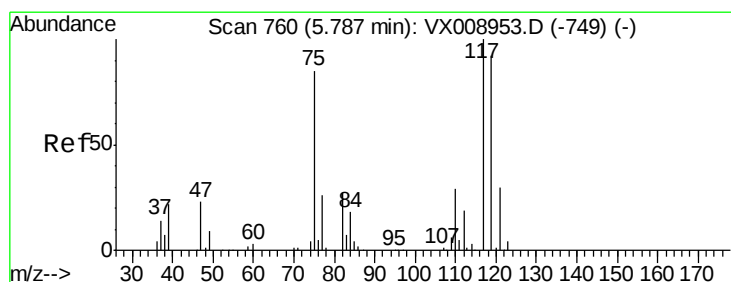
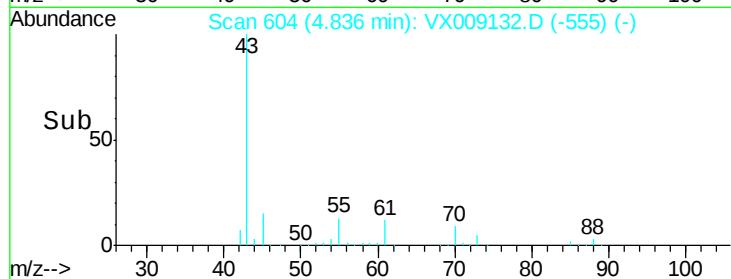
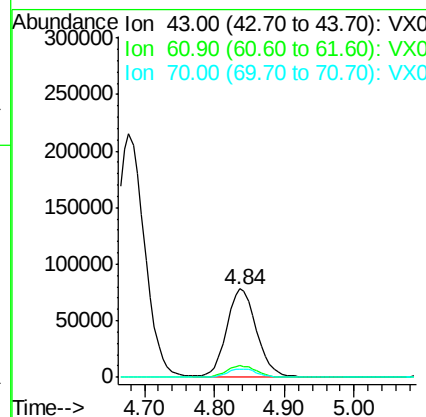
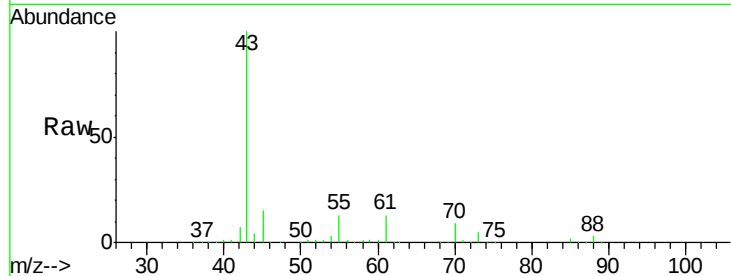
#37
Ethyl Acetate
Concen: 59.865 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.6	15.8
70	9.4	7.7	11.5

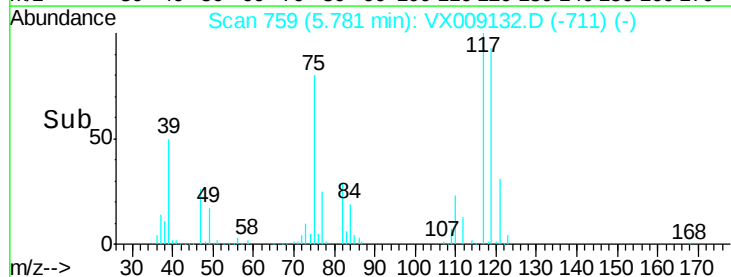
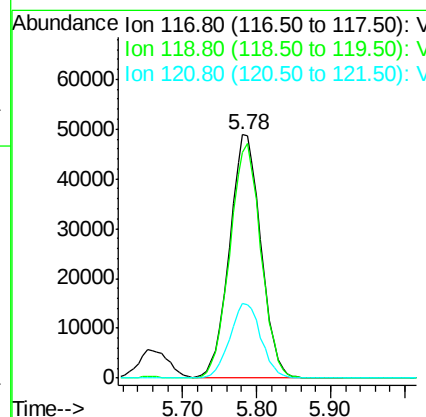
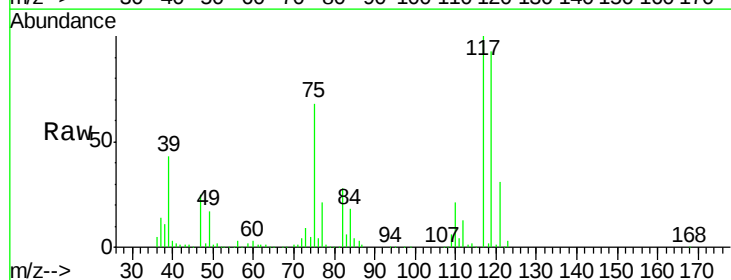
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#38
Carbon Tetrachloride
Concen: 56.621 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	73.8	110.8
121	30.8	23.6	35.4





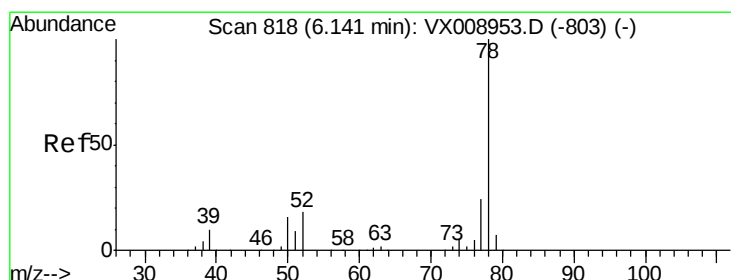
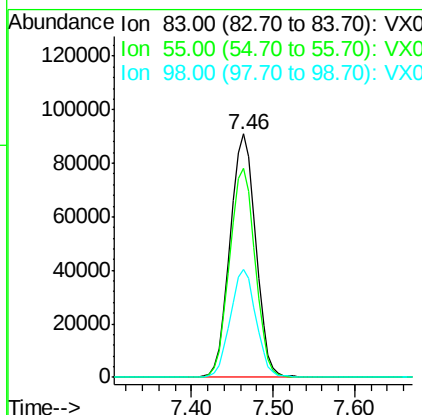
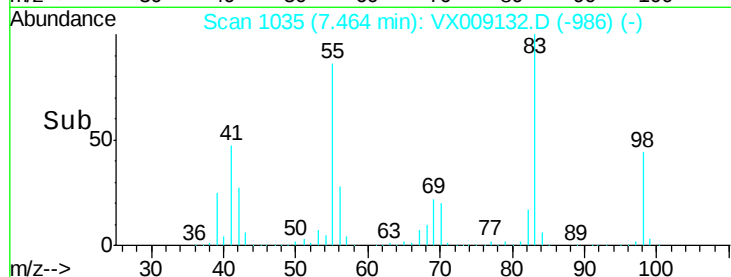
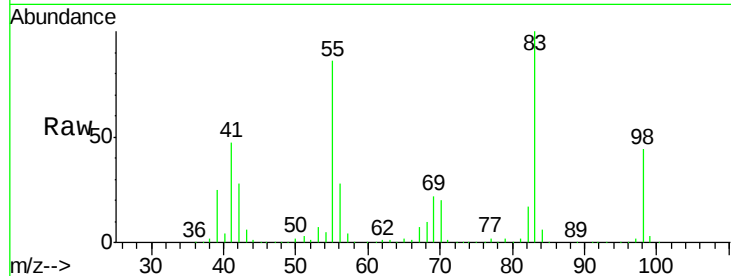
#39
Methvlcvclohexane
Concen: 53.852 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83.00	Resp	196938
Ion	Ratio	Lower	Upper
83	100		
55	86.0	67.1	100.7
98	44.4	35.1	52.7

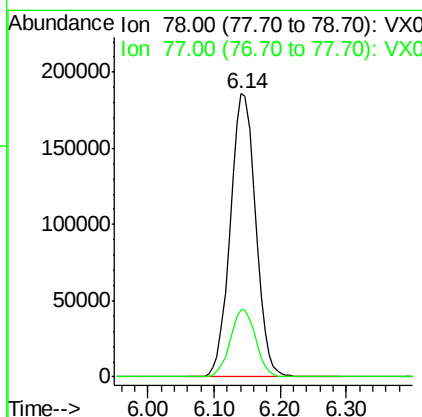
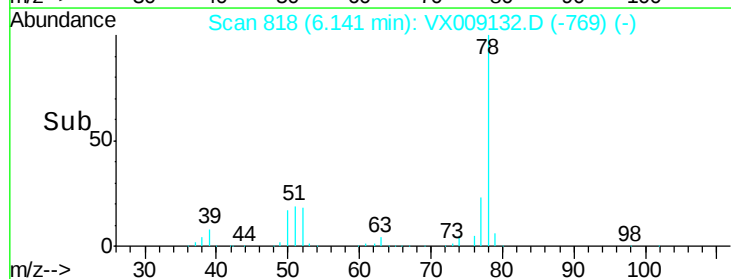
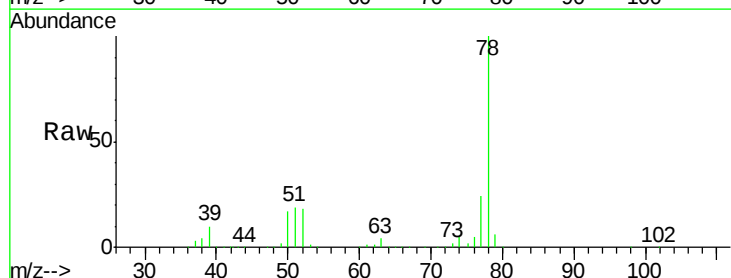
Manual Integrations
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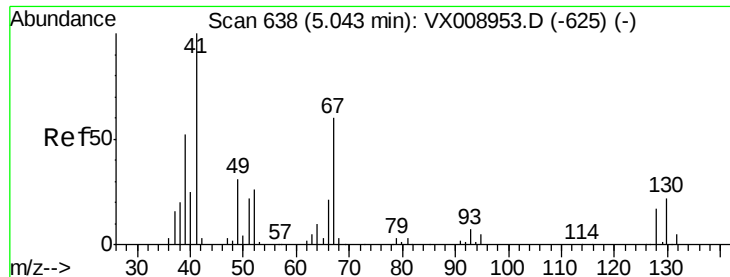
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#40
Benzene
Concen: 55.891 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	78.00	Resp	495249
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





#41

Methacrylonitrile

Concen: 59.767 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

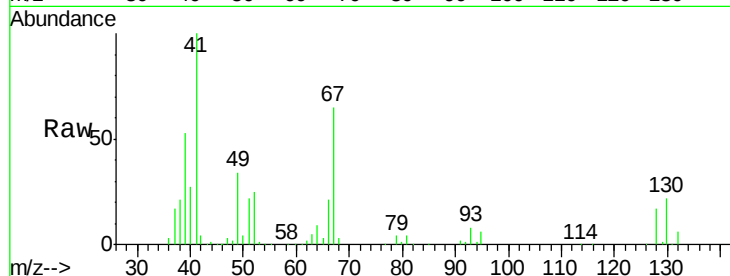
ClientSampleId :

VSTDCCC050

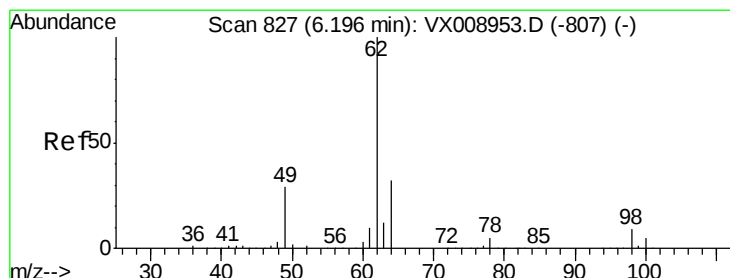
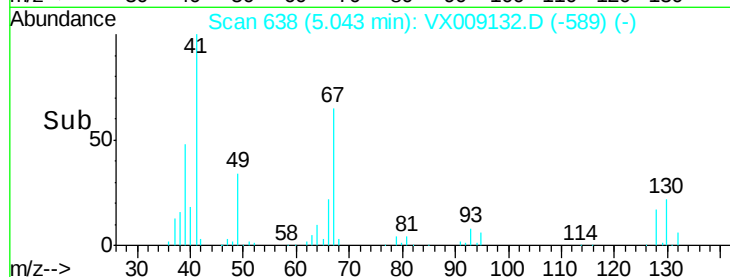
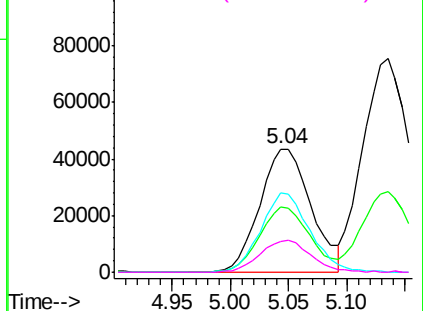
Tot Ion	Ratio	Lower	Upper
41	100		
39	52.3	41.8	62.6
67	62.0	50.2	75.4
52	25.6	21.1	31.7

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 56.311 ug/l

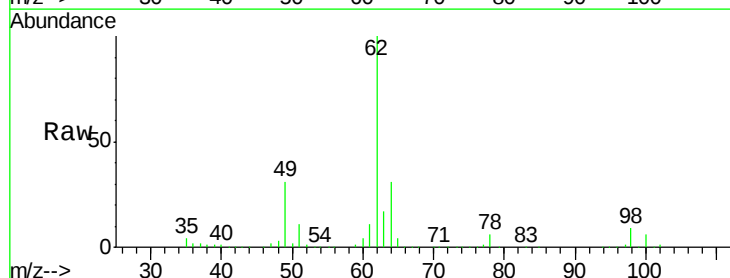
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

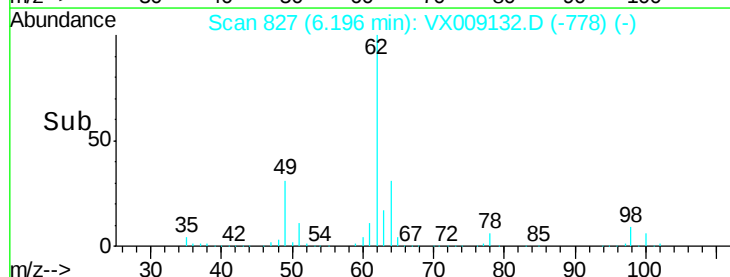
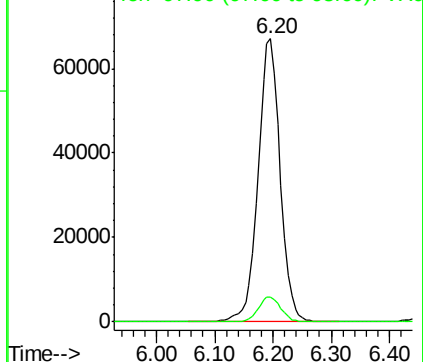
Lab File: VX009132.D

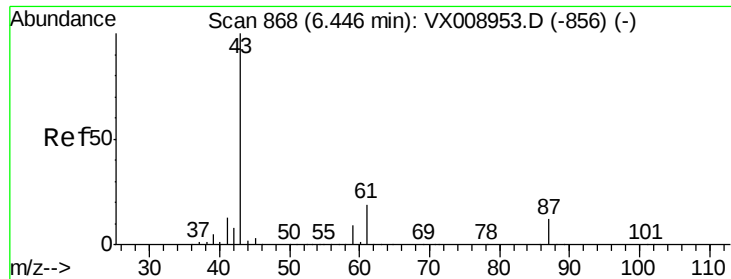
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

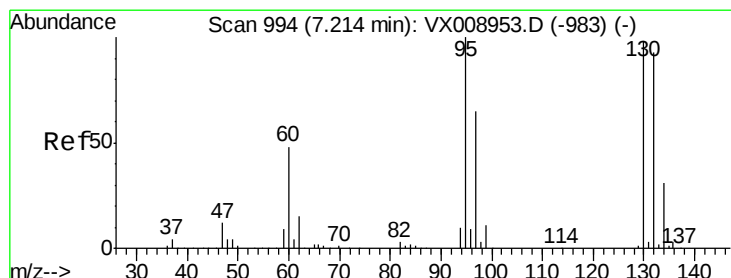
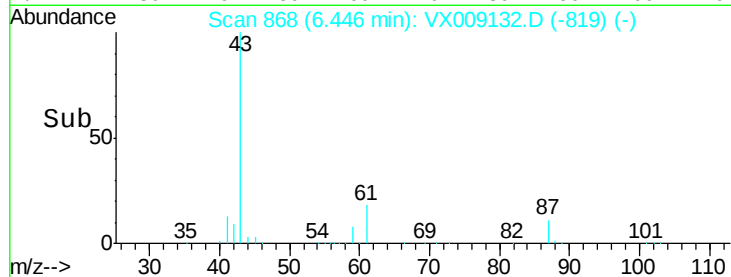
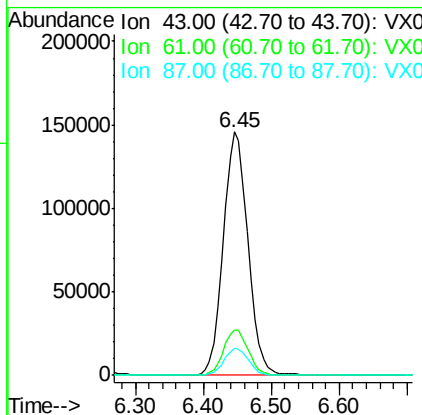
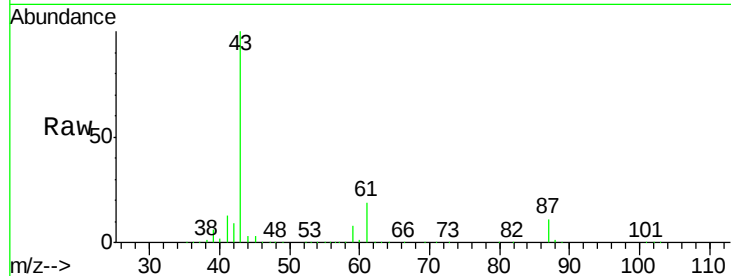
Isopropyl Acetate
 Concen: 58.334 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.0
87	11.1	9.0	13.4

Manual Integrations
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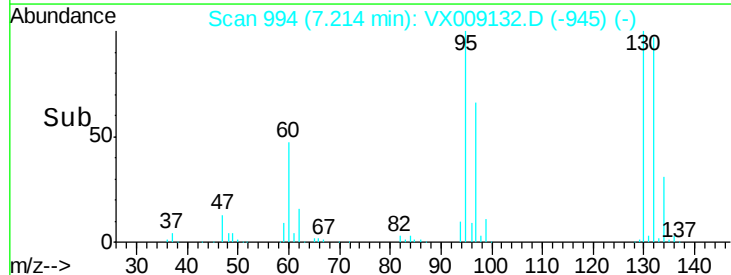
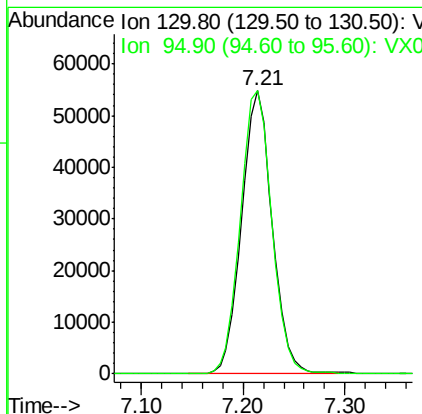
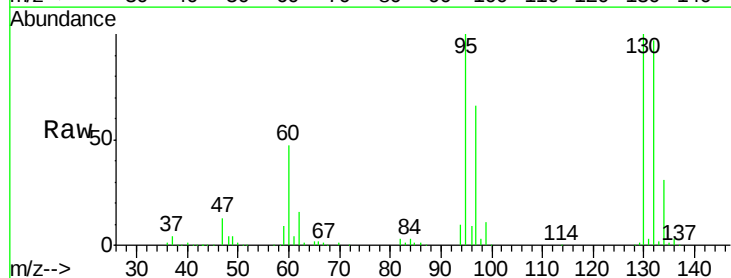
MMDadoda
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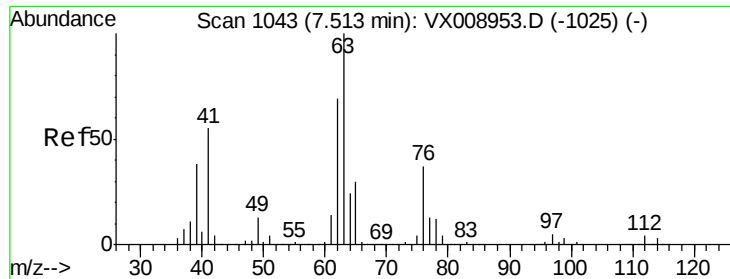


#44

Trichloroethene
 Concen: 52.622 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	203.2





#45

1,2-Dichloropropane

Concen: 56.064 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 137819

Ion Ratio Lower Upper

63 100

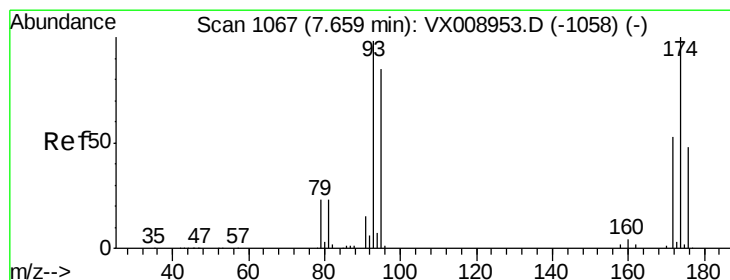
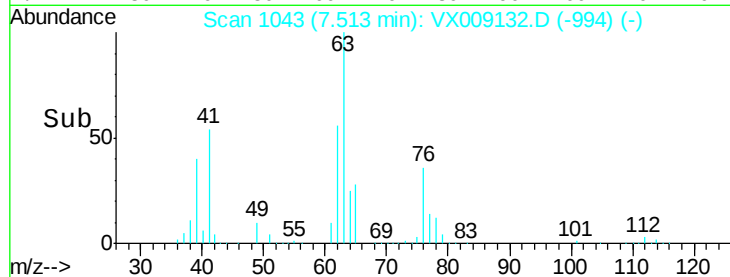
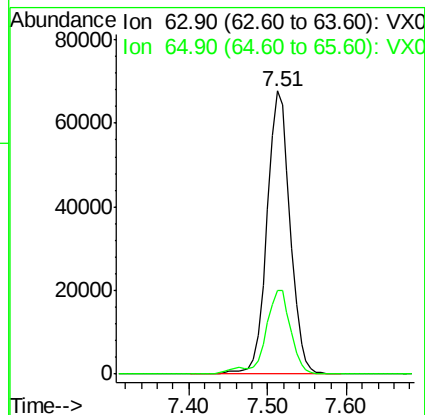
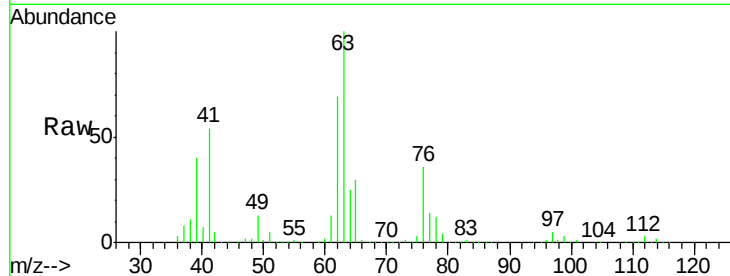
65 29.7 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 55.398 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

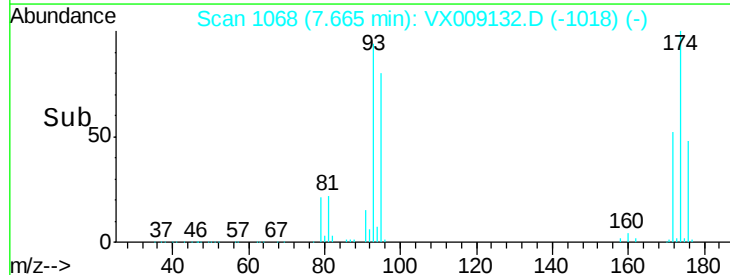
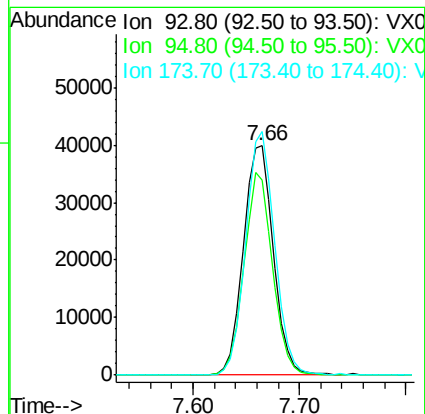
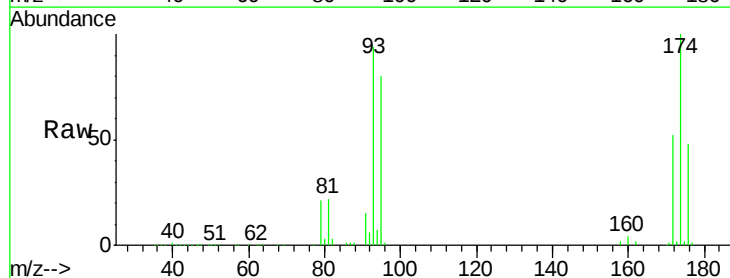
Tgt Ion: 93 Resp: 79255

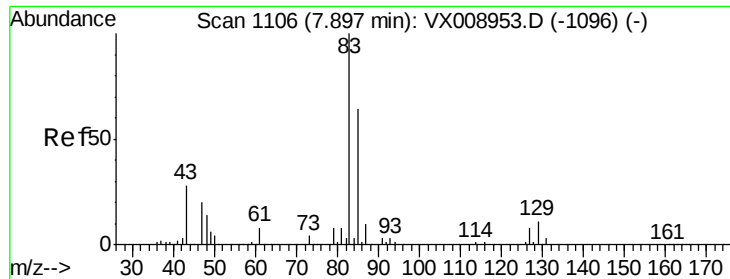
Ion Ratio Lower Upper

93 100

95 83.9 67.0 100.4

174 102.5 81.6 122.4





#47

Bromodichloromethane

Concen: 56.674 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

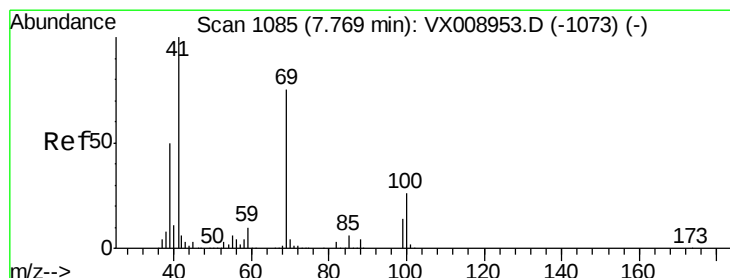
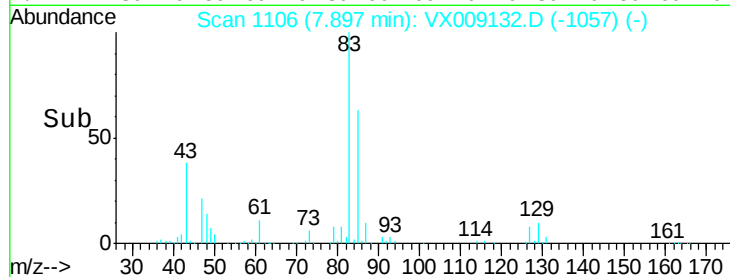
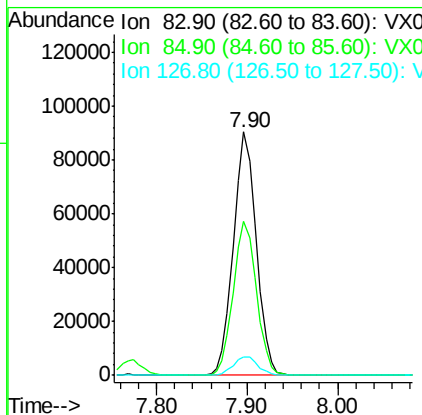
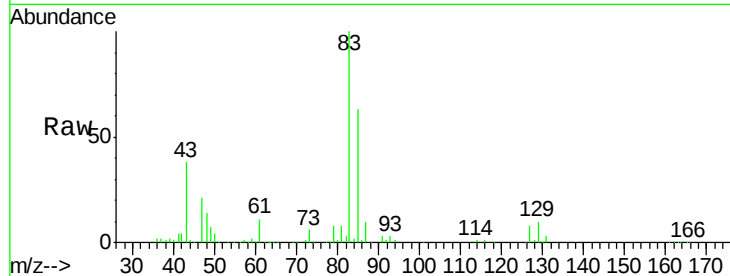
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	159028
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.8	76.2
127	7.8	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.259 ug/l

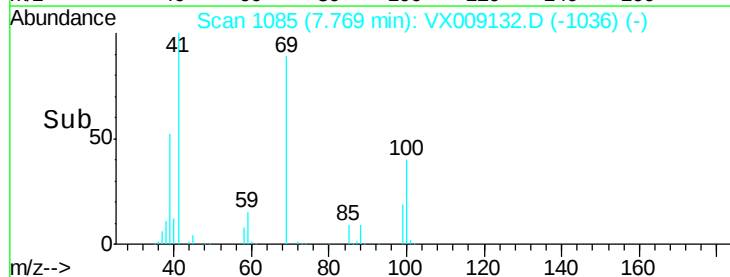
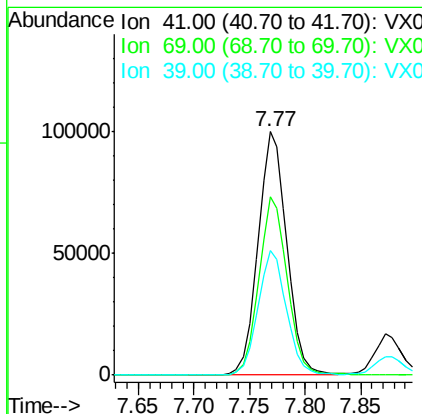
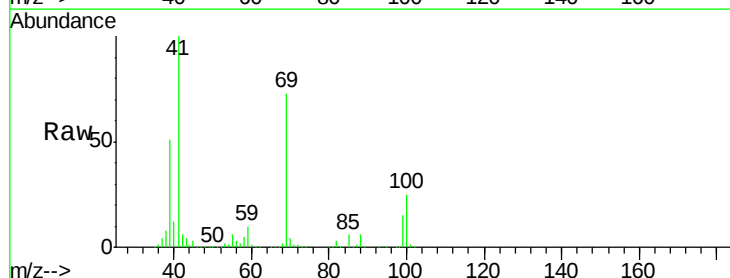
RT: 7.77 min Scan# 1085

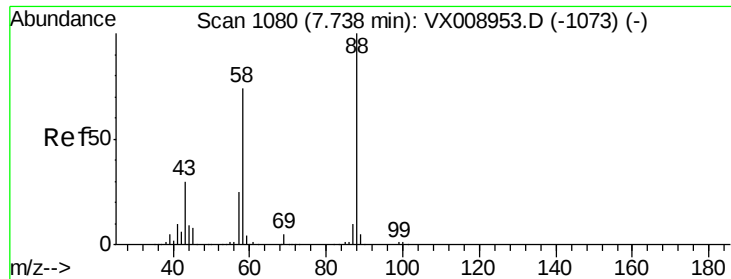
Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Tgt Ion:	41	Resp:	179295
Ion Ratio	Lower	Upper	
41	100		
69	72.9	59.4	89.2
39	50.7	39.8	59.6





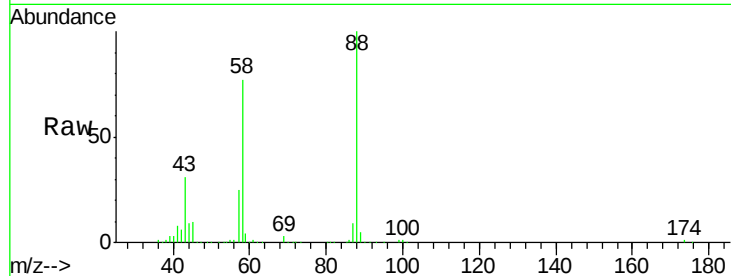
#49
1,4-Dioxane
Concen: 1156.280 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

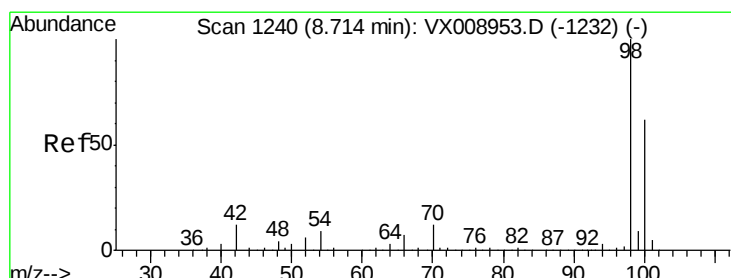
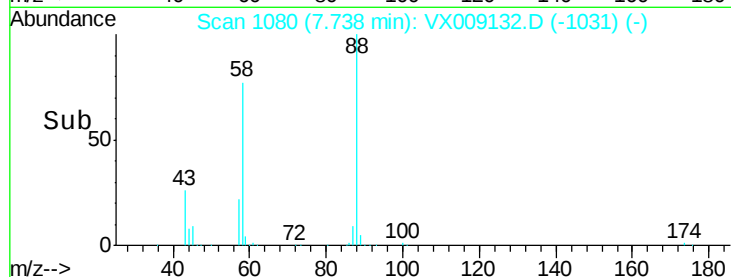
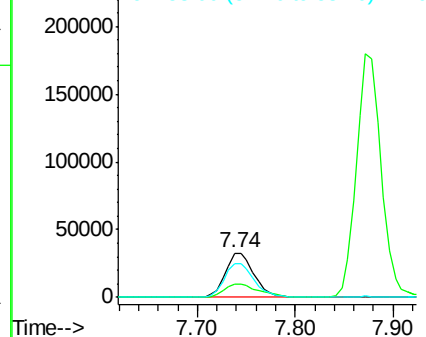
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.3	43.9
58	79.3	62.6	93.8

Manual Integrations
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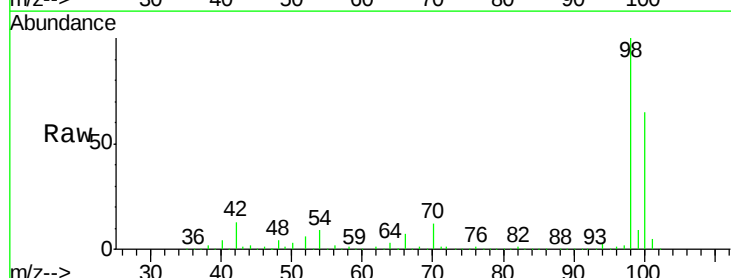


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

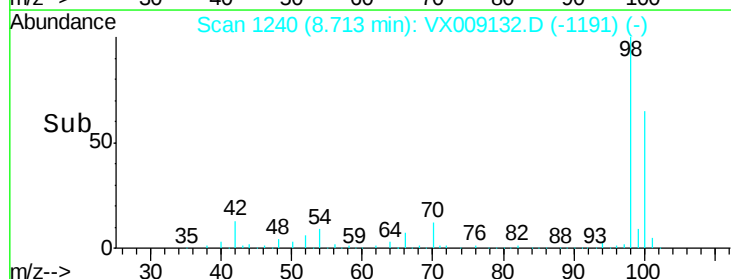
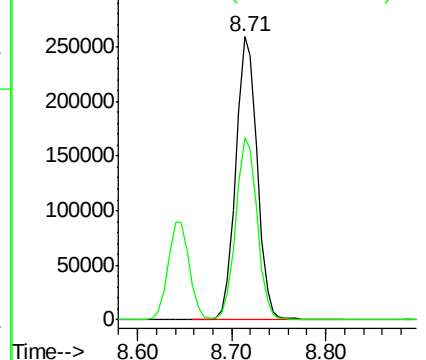


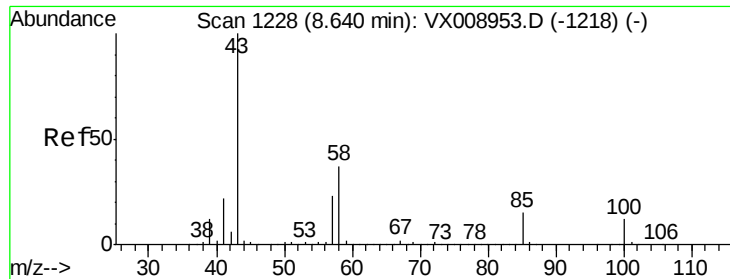
#50
Toluene-d8
Concen: 54.793 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.2



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: 291.602 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1157074

Ion Ratio Lower Upper

43 100

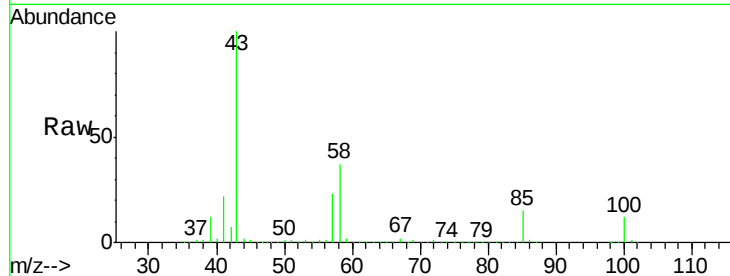
58 37.0 29.8 44.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

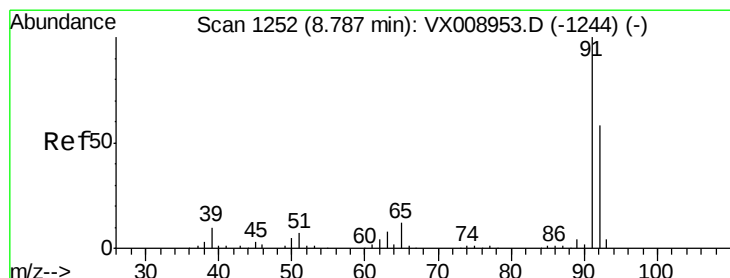
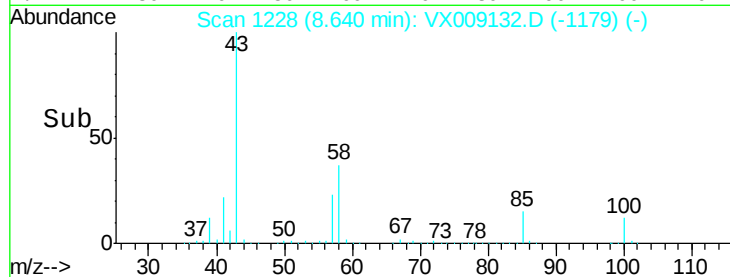
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.197 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009132.D

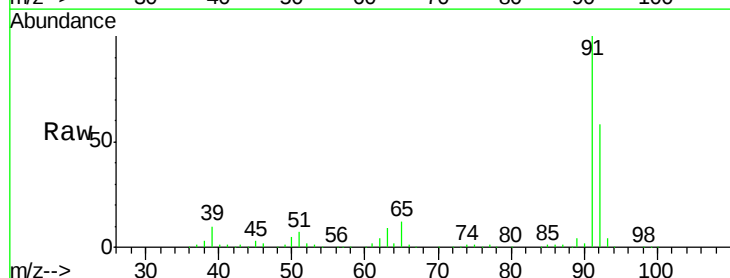
Acq: 23 Apr 2019 19:34

Tgt Ion: 92 Resp: 287815

Ion Ratio Lower Upper

92 100

91 174.2 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

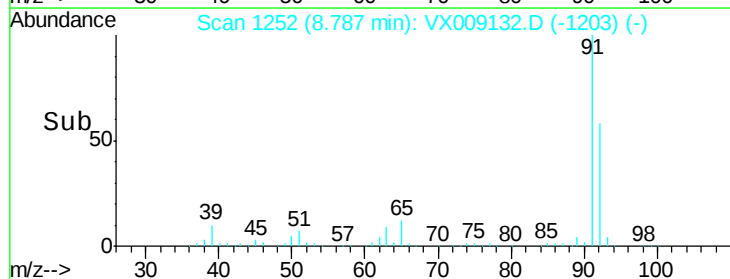
300000

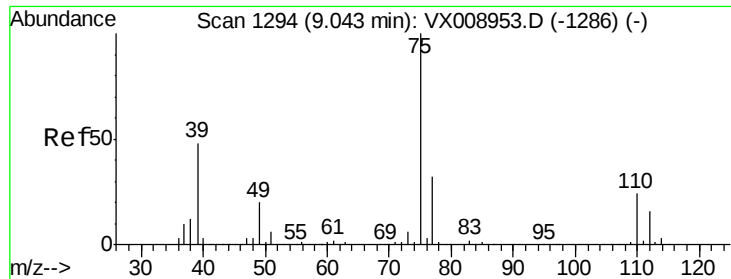
200000

100000

0

Time-->





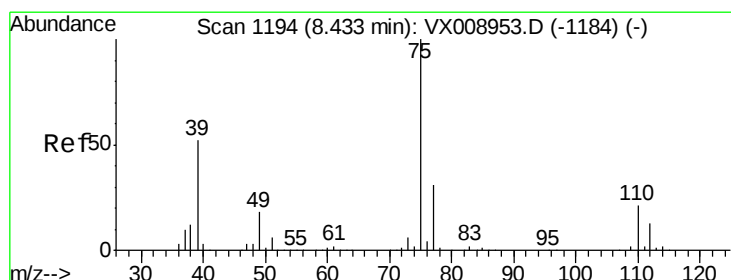
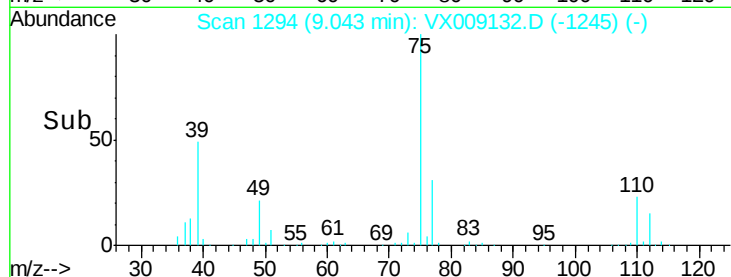
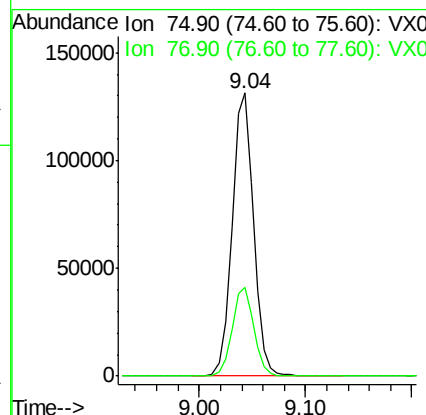
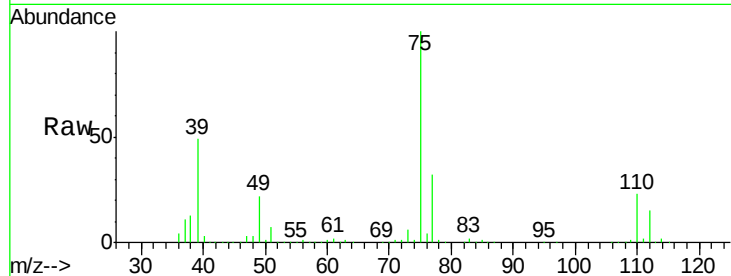
#53
t-1,3-Dichloropropene
Concen: 57.100 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2

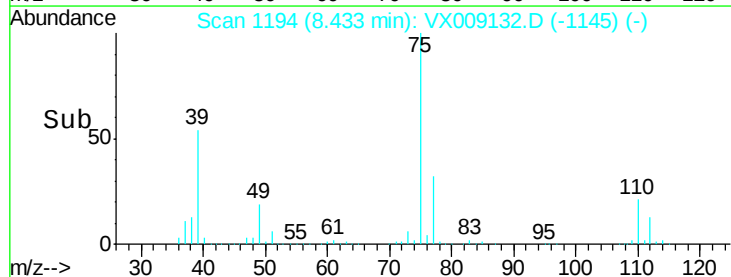
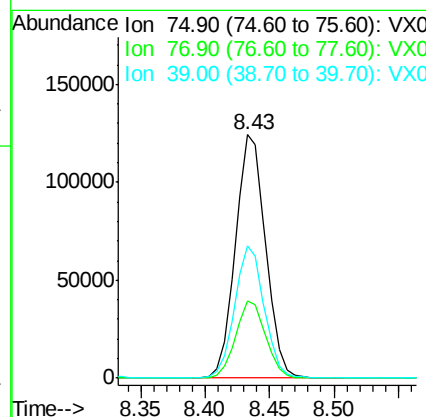
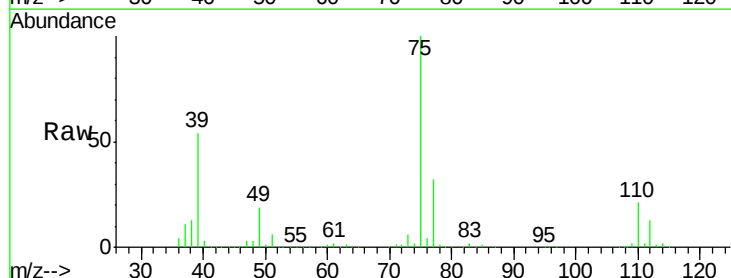
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#54
cis-1,3-Dichloropropene
Concen: 56.023 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	54.1	41.8	62.6





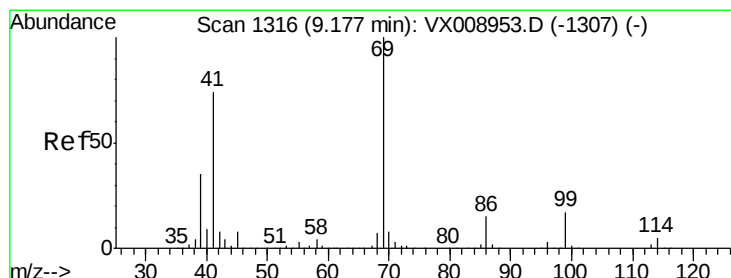
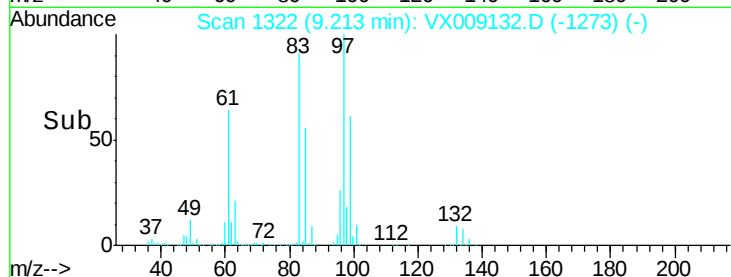
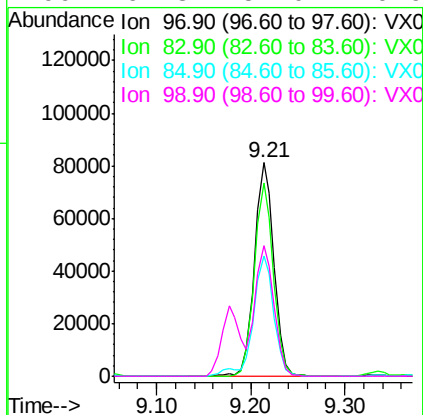
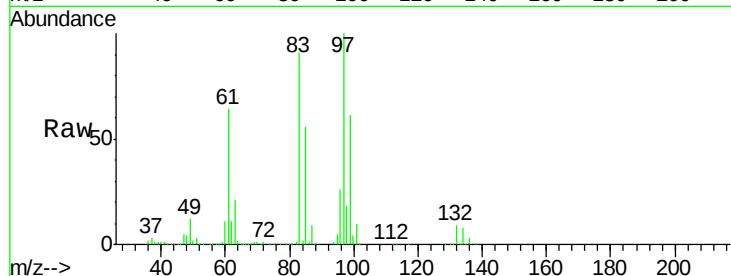
#55
 1,1,2-Trichloroethane
 Concen: 56.277 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	118447
Ion	Ratio	Lower	Upper
97	100		
83	90.6	72.6	108.8
85	56.3	46.9	70.3
99	61.3	51.0	76.6

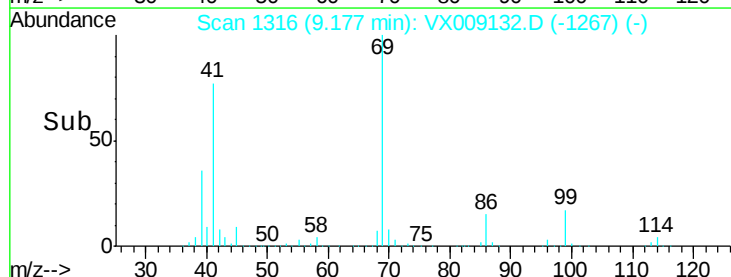
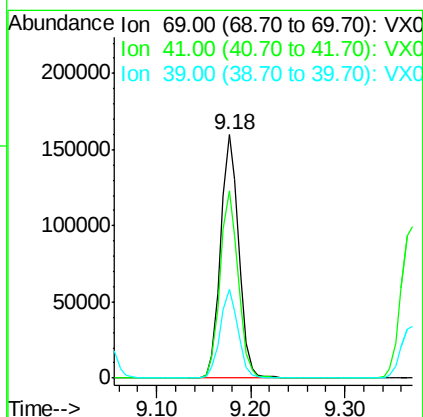
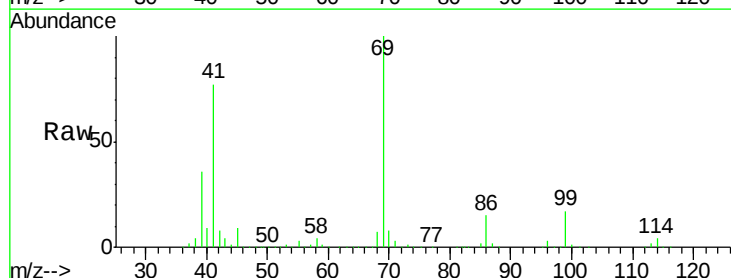
Manual Integrations
 APPROVED

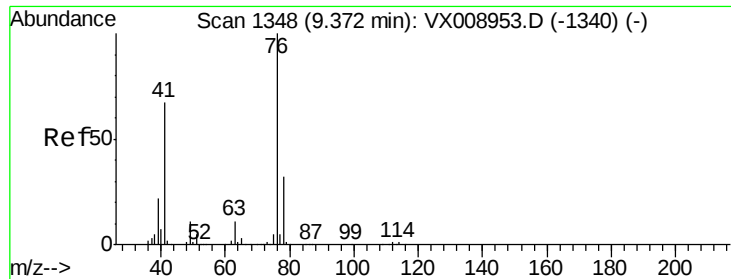
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#56
 Ethyl methacrylate
 Concen: 56.805 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Tgt Ion:	69	Resp:	214377
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.2	90.2
39	36.0	27.9	41.9





#57

1,3-Dichloropropane

Concen: 56.141 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 210383

Ion Ratio Lower Upper

76 100

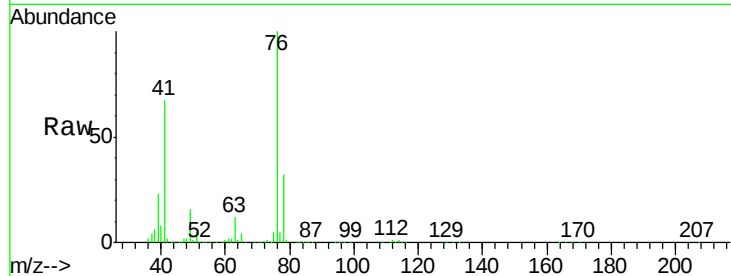
78 32.2 25.7 38.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

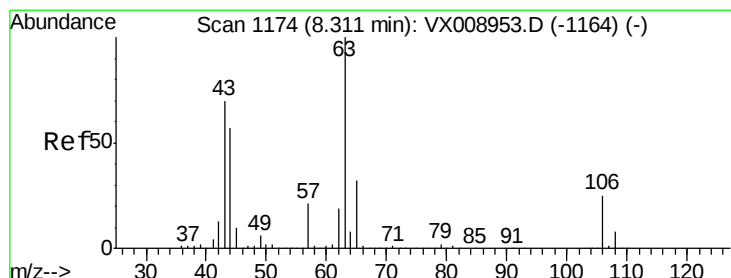
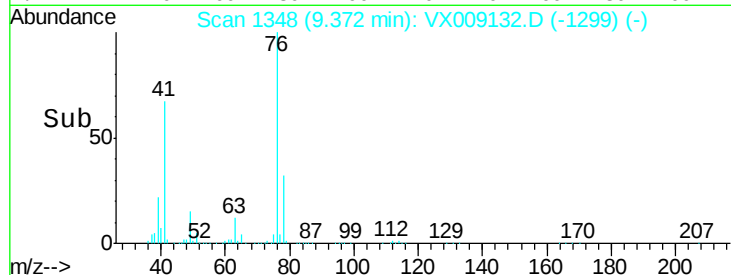
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 269.966 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009132.D

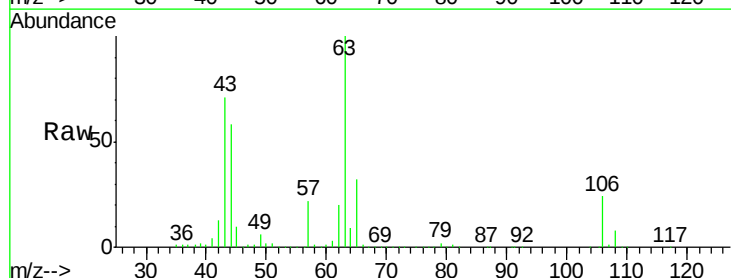
Acq: 23 Apr 2019 19:34

Tgt Ion: 63 Resp: 548644

Ion Ratio Lower Upper

63 100

106 24.3 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

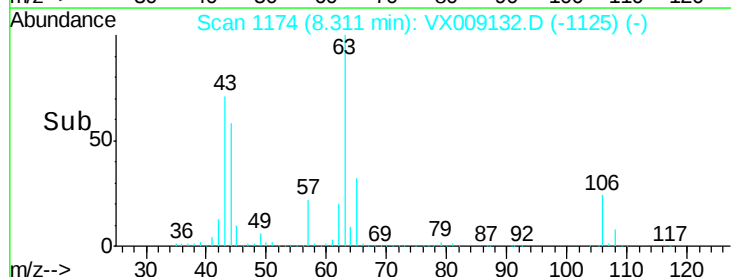
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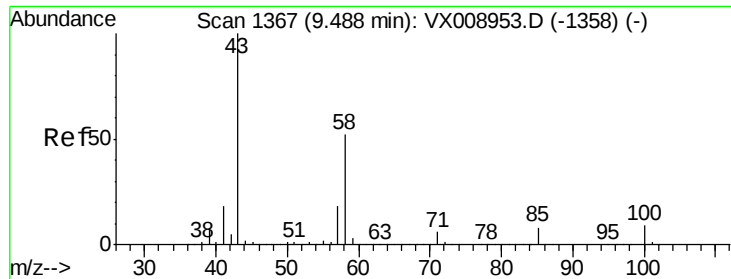
200000

100000

0

Time-->





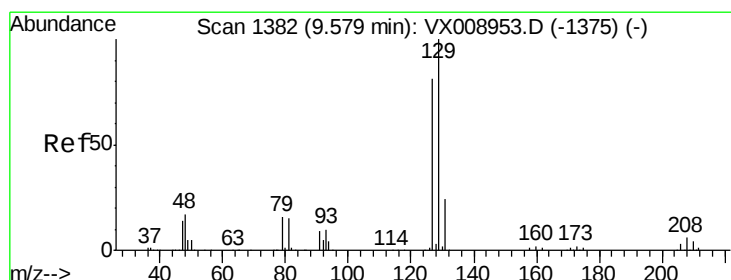
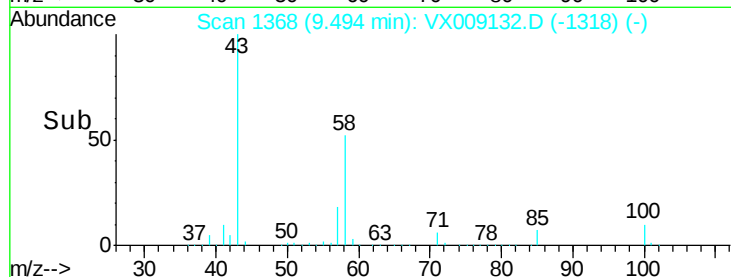
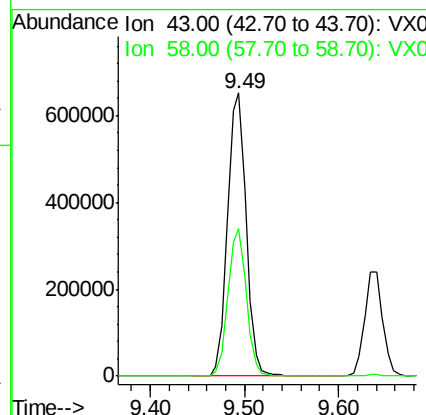
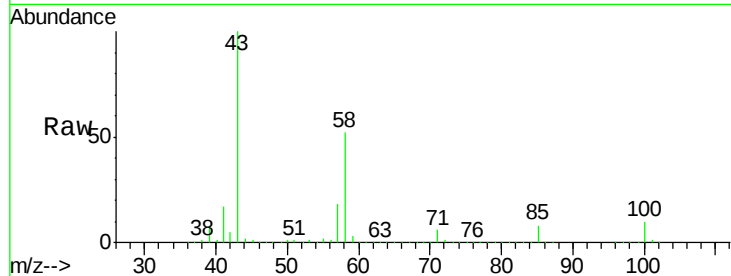
#59
2-Hexanone
Concen: 291.323 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 891226
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8

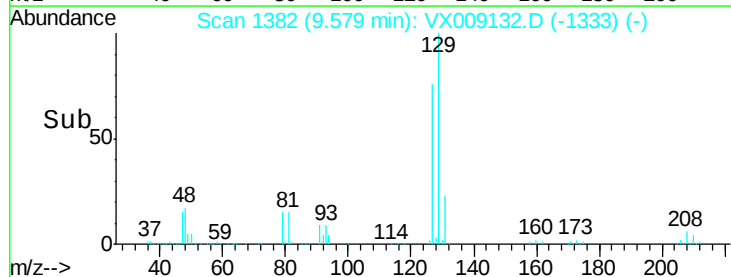
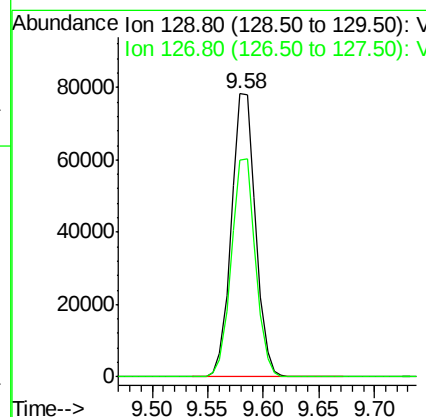
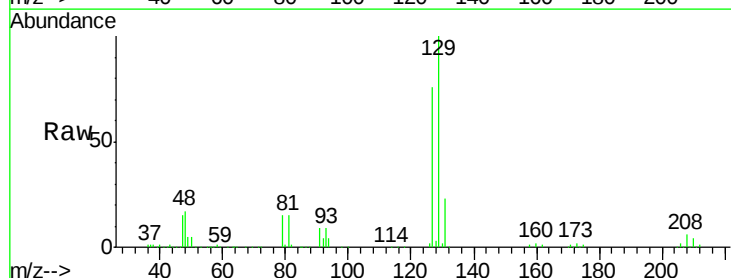
Manual Integrations
APPROVED

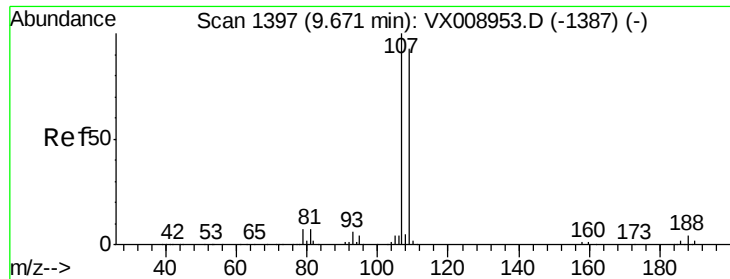
MMDadoda
4/24/2019 12:03:19 PM



#60
Dibromochloromethane
Concen: 58.115 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion: 129 Resp: 117229
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 55.883 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 121391

Ion Ratio Lower Upper

107 100

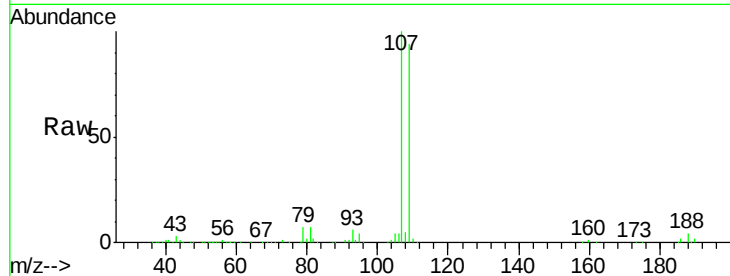
109 94.2 74.4 111.6

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

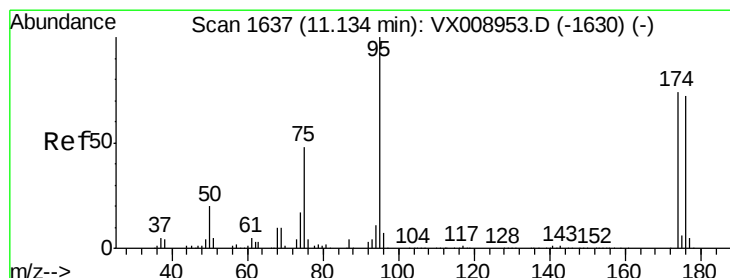
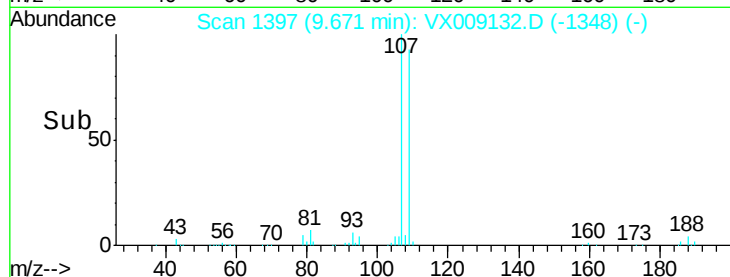
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.896 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

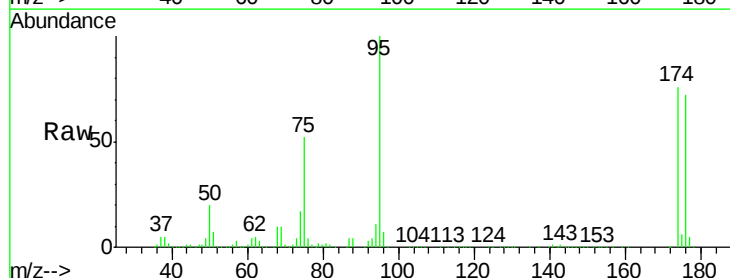
Tgt Ion: 95 Resp: 146670

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.6

176 77.2 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

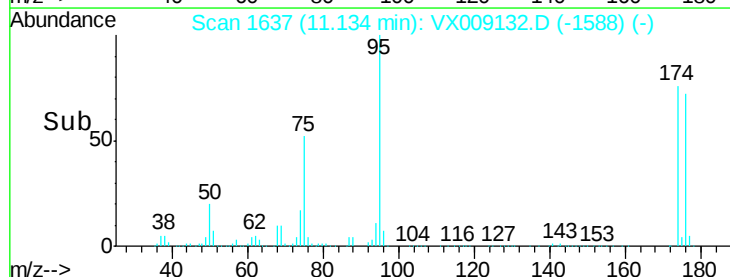
150000

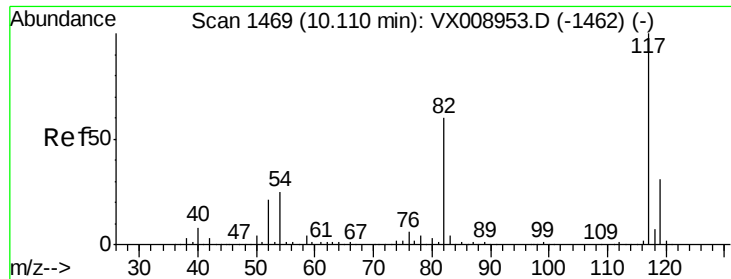
100000

50000

0

Time-->





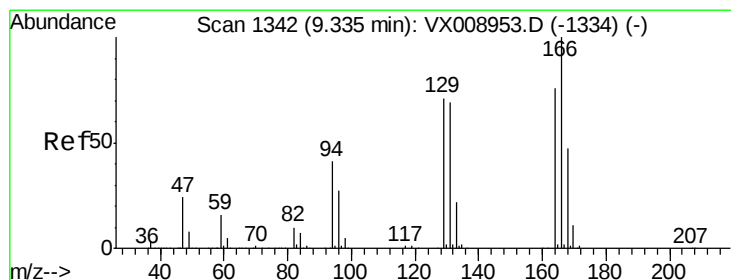
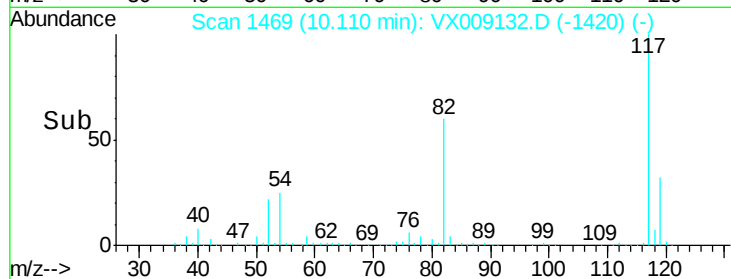
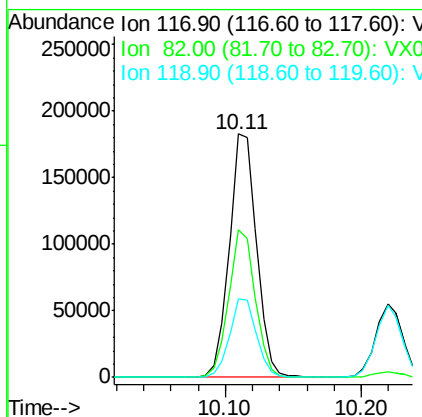
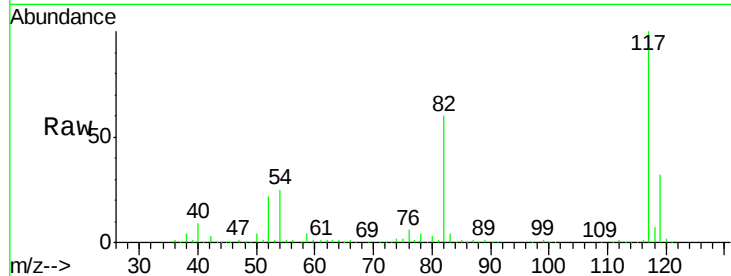
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	48.2	72.4
119	32.2	25.0	37.6

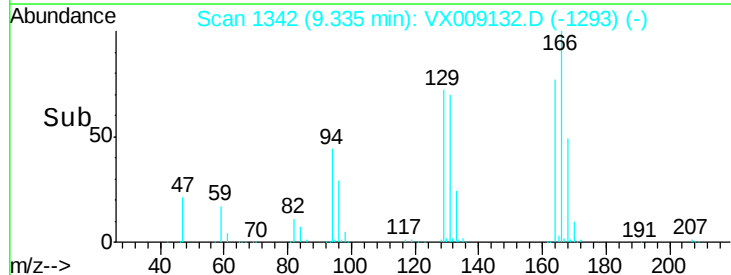
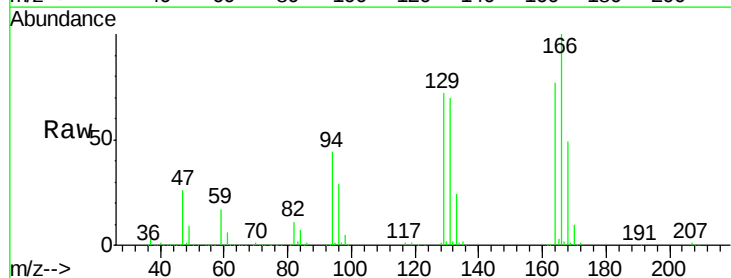
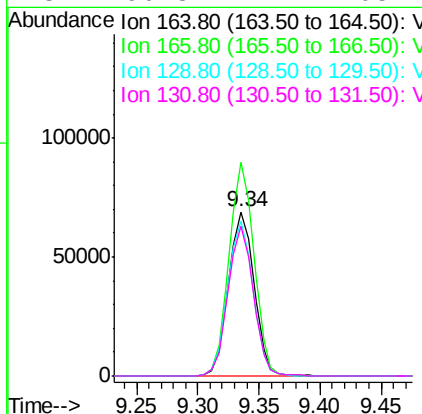
Manual Integrations
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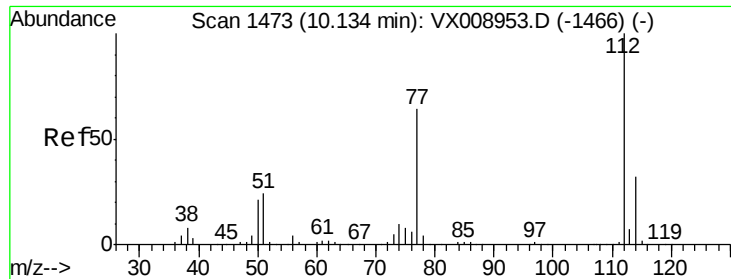
MMDadoda
4/24/2019 12:03:19 PM



#64
Tetrachloroethene
Concen: 51.583 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	105.0	157.4
129	93.9	74.2	111.4
131	90.8	72.2	108.2





#65

Chlorobenzene

Concen: 54.390 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 291857

Ion Ratio Lower Upper

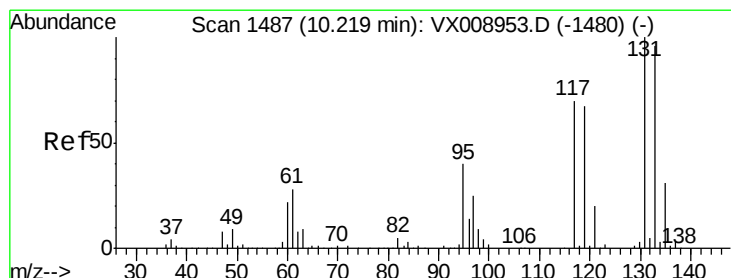
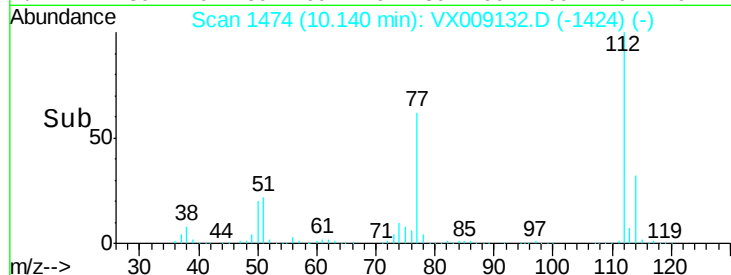
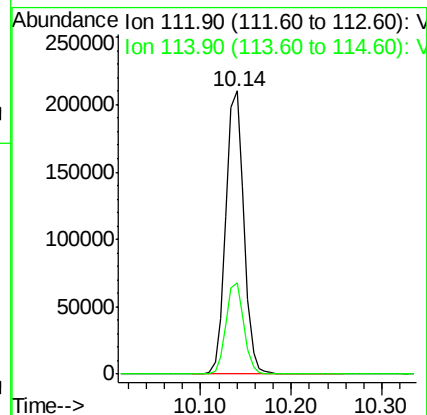
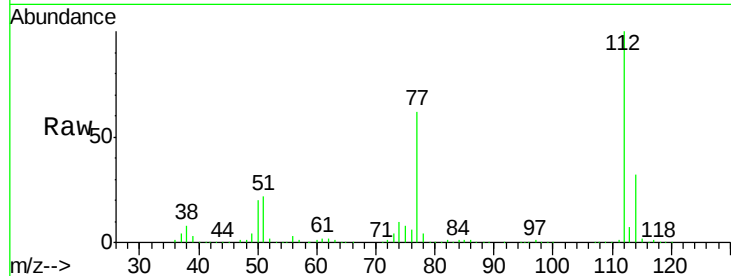
112 100

114 32.5 25.4 38.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 57.793 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

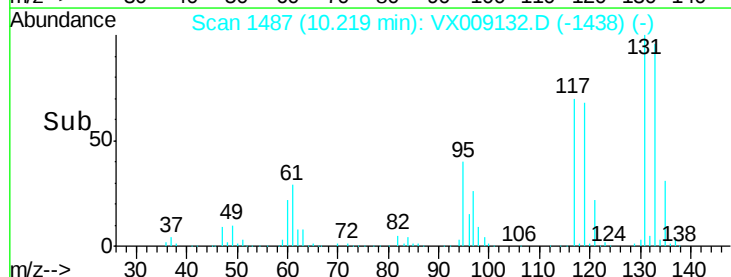
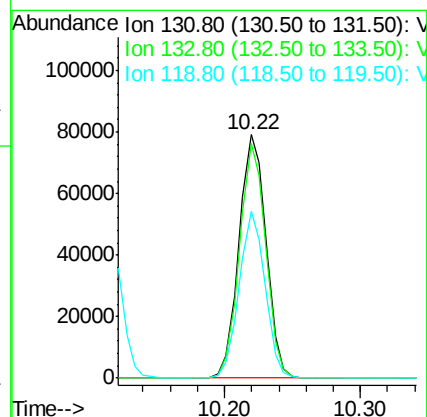
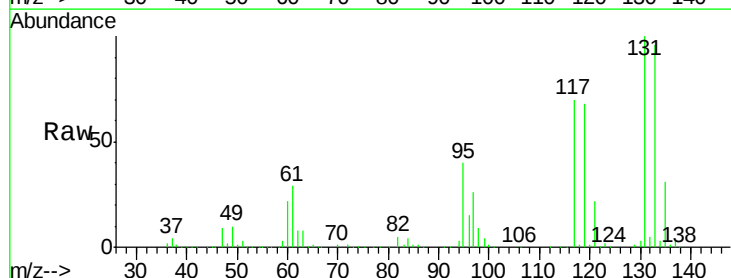
Tgt Ion:131 Resp: 109248

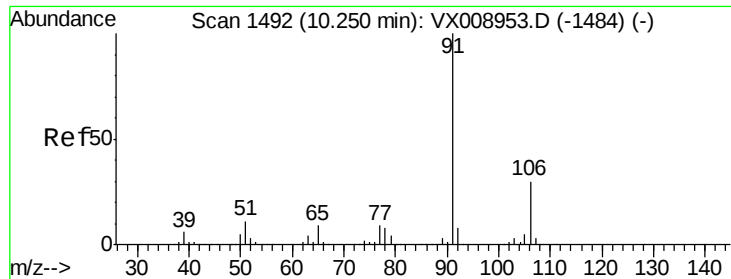
Ion Ratio Lower Upper

131 100

133 93.6 48.0 144.2

119 66.0 33.7 101.1





#67

Ethyl Benzene

Concen: 55.779 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 547146

Ion Ratio Lower Upper

91 100

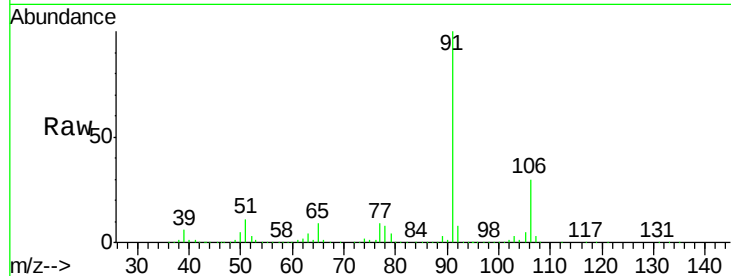
106 29.8 24.3 36.5

Manual Integrations

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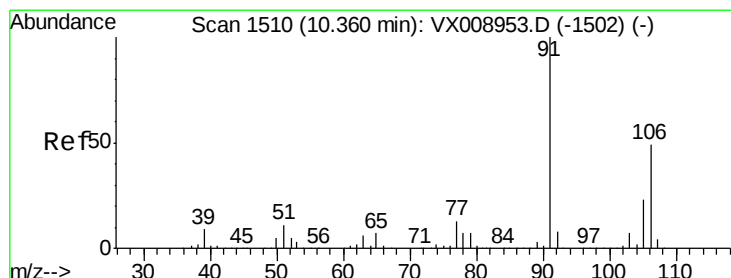
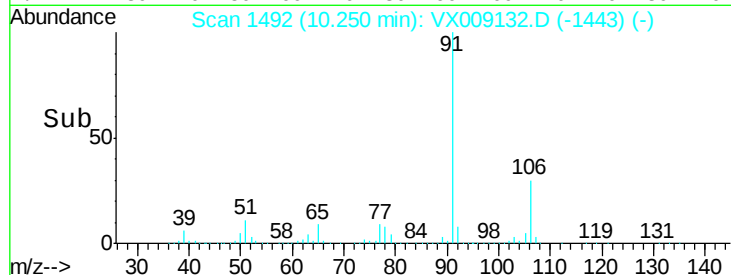
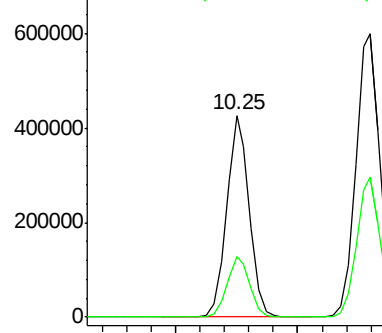
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 111.131 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009132.D

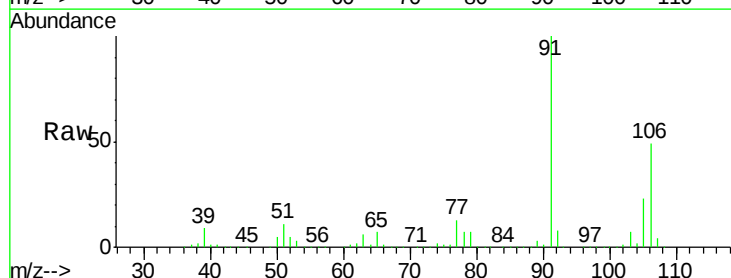
Acq: 23 Apr 2019 19:34

Tgt Ion: 106 Resp: 396168

Ion Ratio Lower Upper

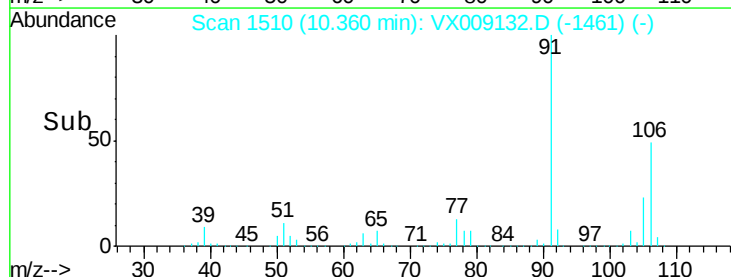
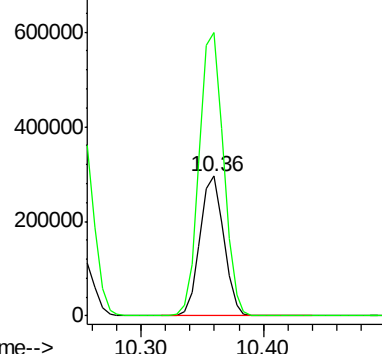
106 100

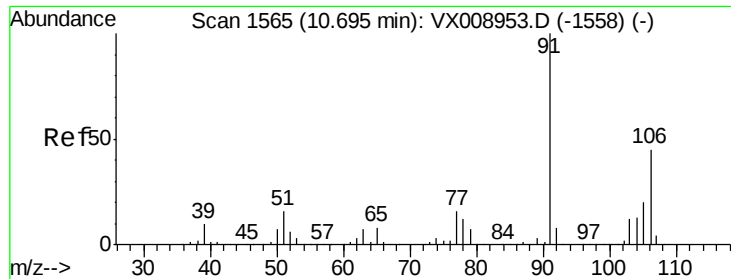
91 207.6 165.4 248.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





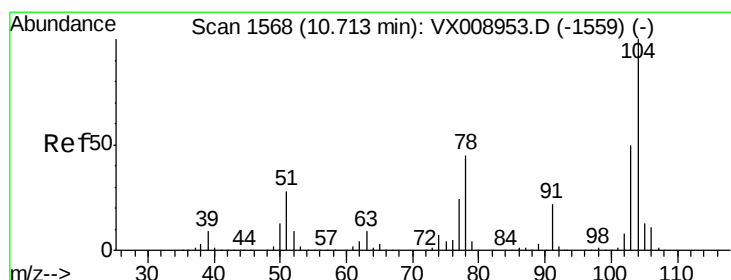
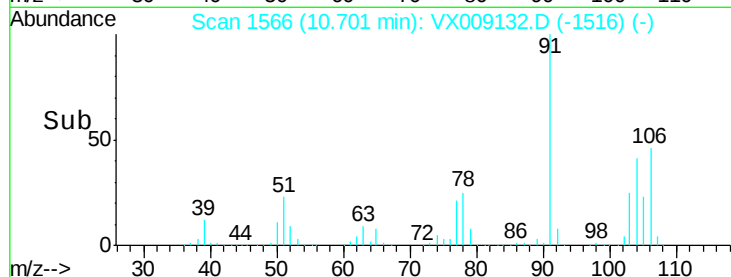
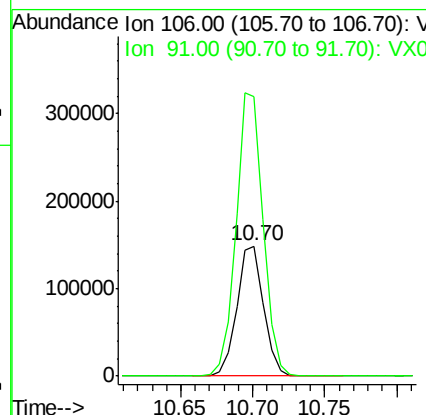
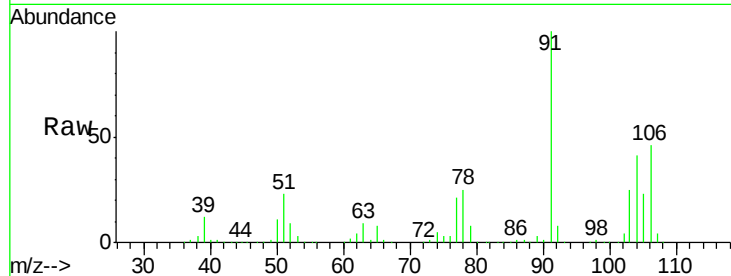
#69
o-Xylene
Concen: 55.603 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 192869
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.7

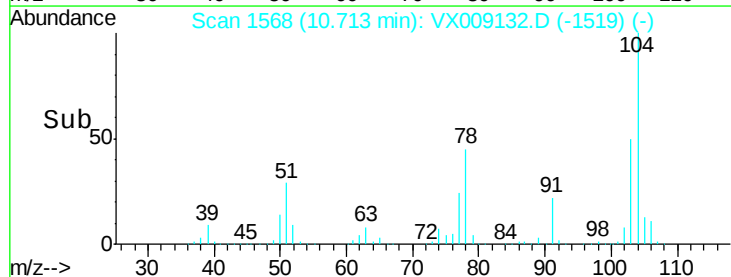
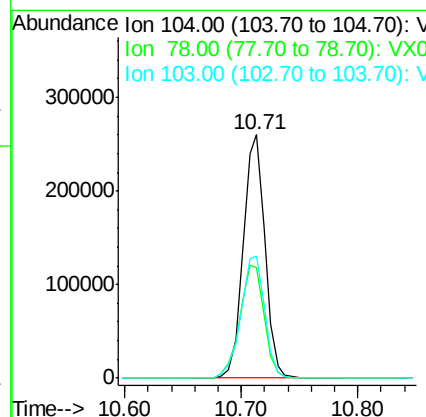
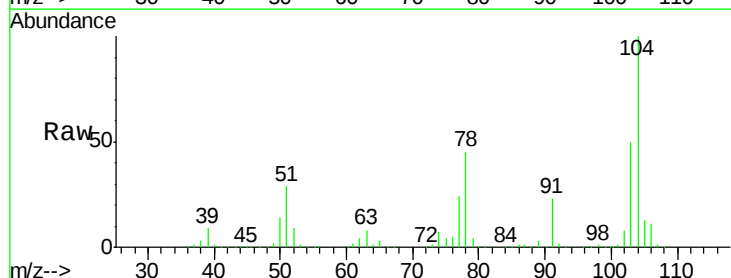
Manual Integrations
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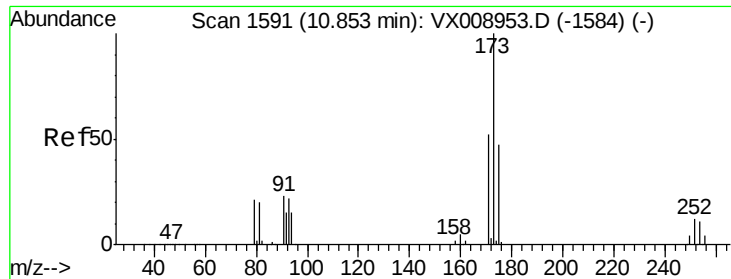
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#70
Styrene
Concen: 56.239 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion:104 Resp: 338054
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.1 43.9 65.9





#71

Bromoform

Concen: 57.345 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 86362

Ion Ratio Lower Upper

173 100

175 49.4 23.9 71.8

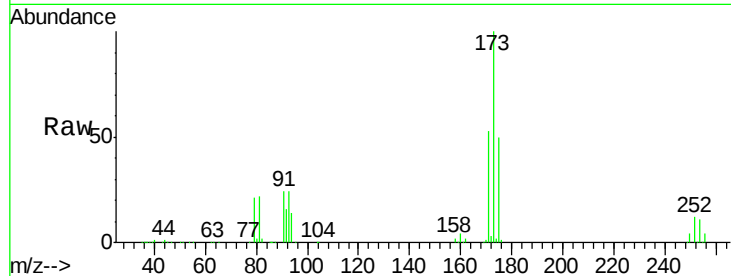
254 0.2 0.2 0.4#

Manual Integrations

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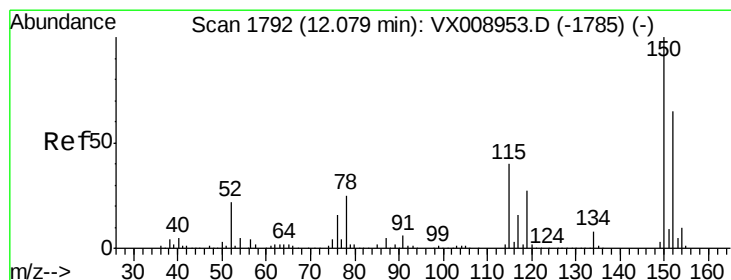
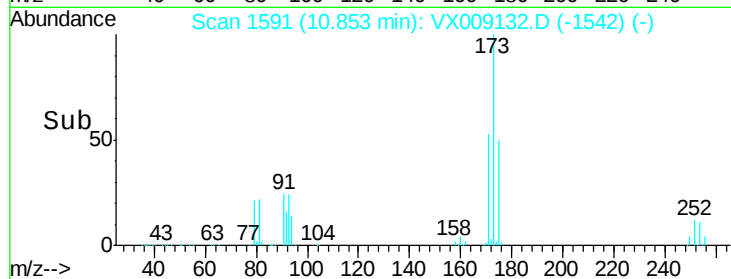
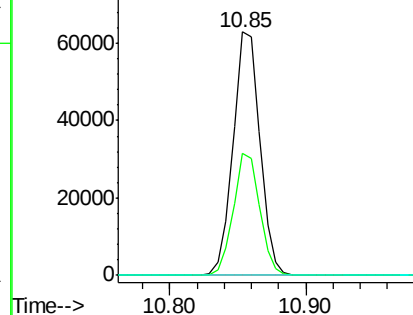
4/24/2019 12:03:19 PM



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: VX009132.D

Acq: 23 Apr 2019 19:34

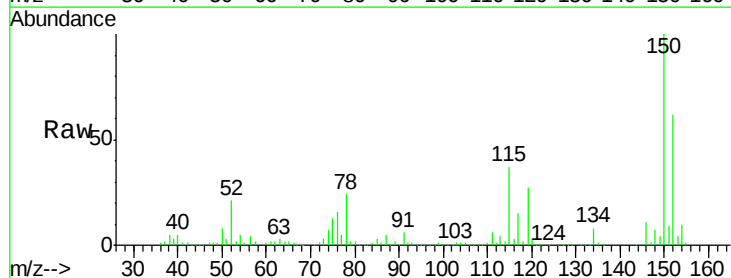
Tgt Ion:152 Resp: 122131

Ion Ratio Lower Upper

152 100

115 86.1 41.4 124.2

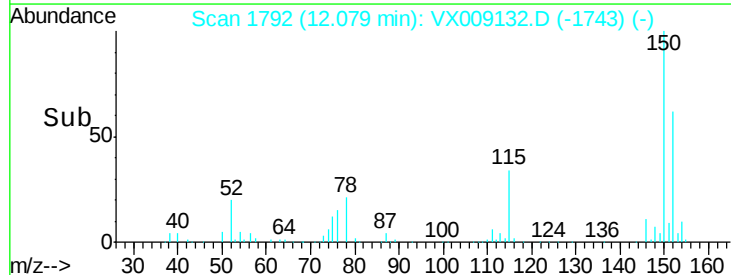
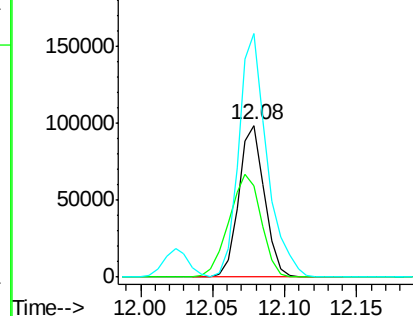
150 176.9 0.0 349.8

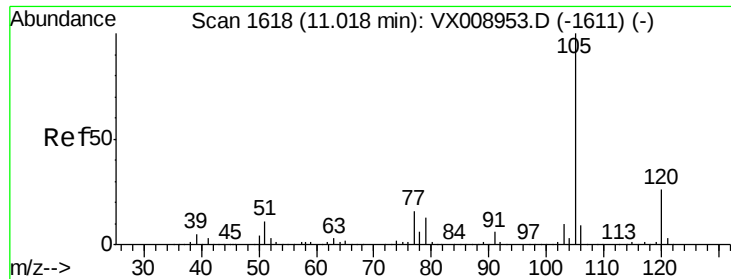


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.185 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 510868

Ion Ratio Lower Upper

105 100

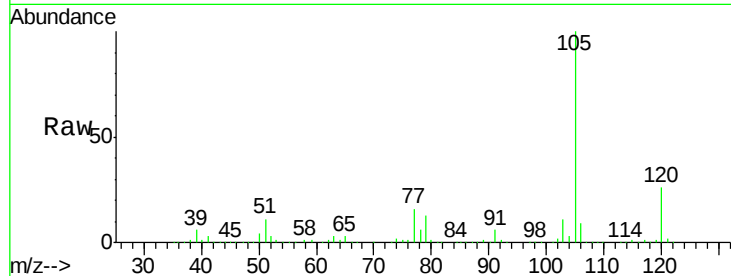
120 26.1 12.9 38.7

Manual Integrations

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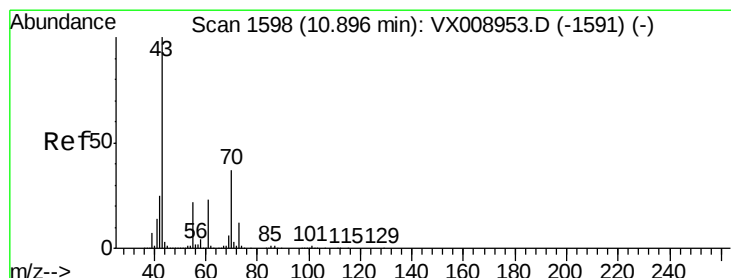
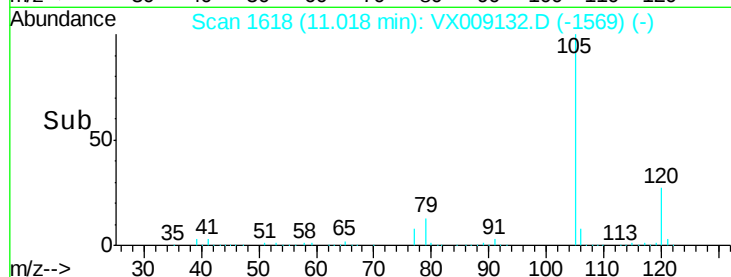
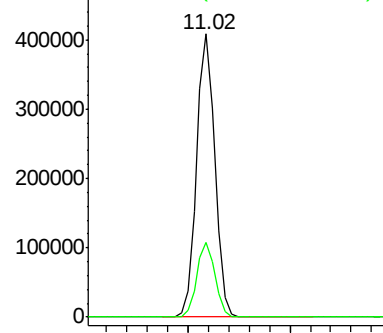
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 58.888 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Tgt Ion: 43 Resp: 313014

Ion Ratio Lower Upper

43 100

70 37.0 29.9 44.9

55 22.3 17.8 26.8

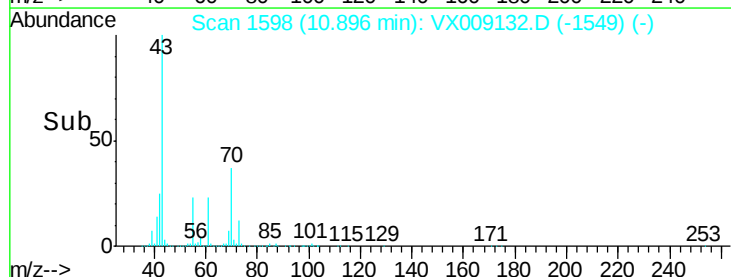
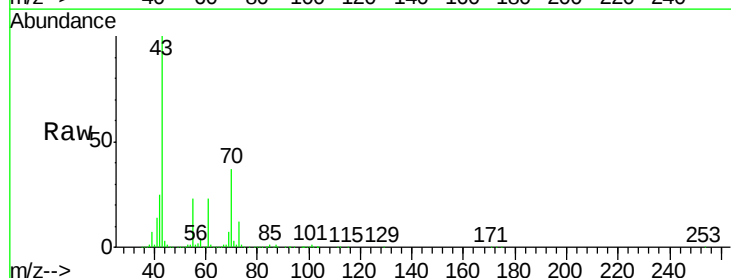
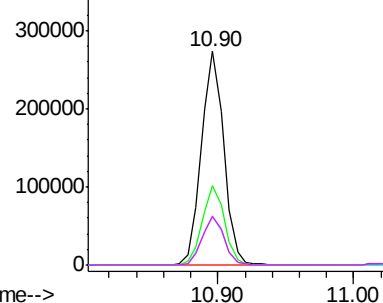
61 22.4 18.3 27.5

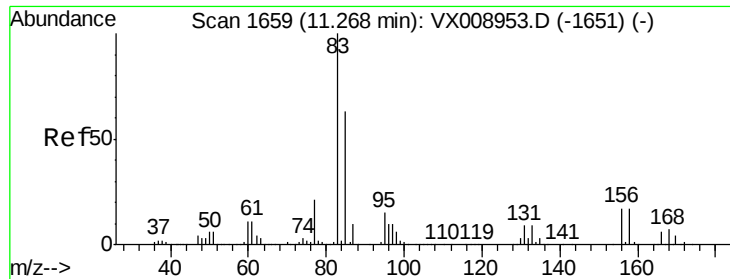
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





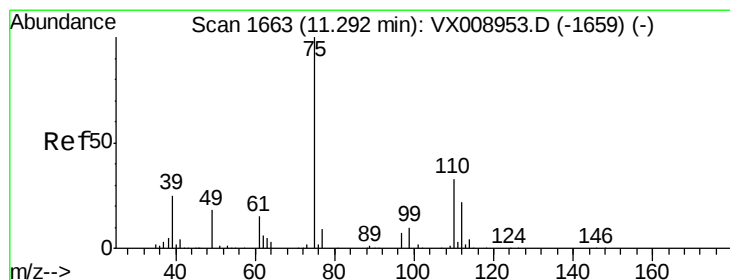
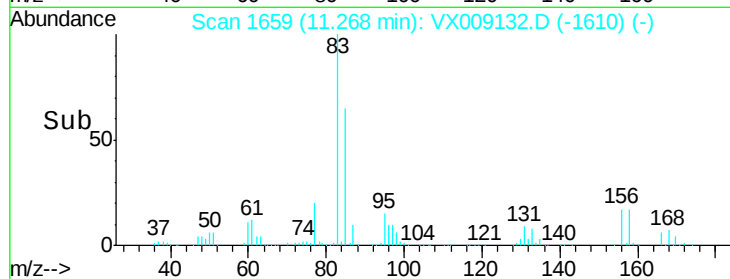
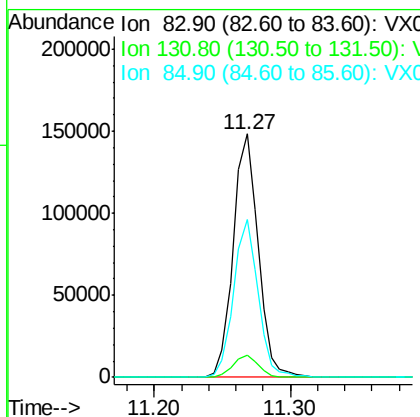
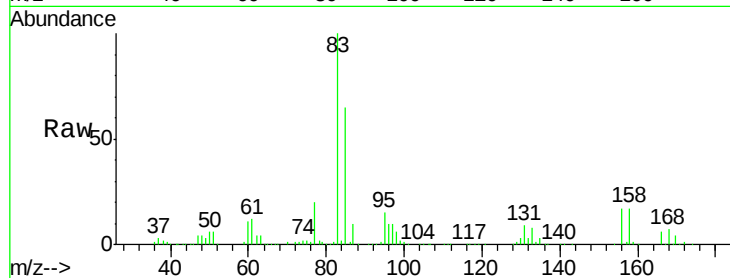
#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.109 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	189788
Ion Ratio	100	Lower	Upper
83	100		
131	9.3	4.7	14.0
85	63.8	31.9	95.9

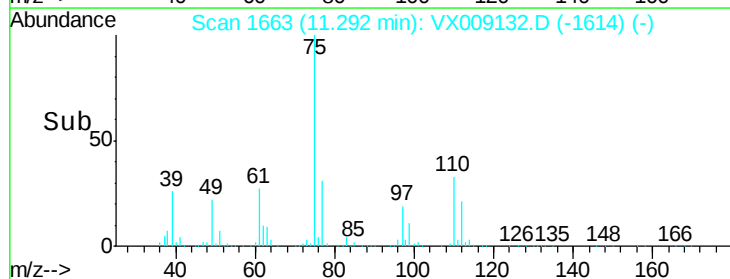
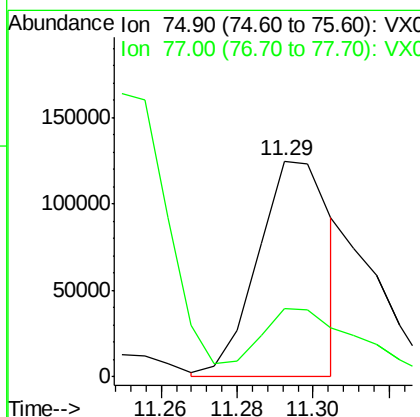
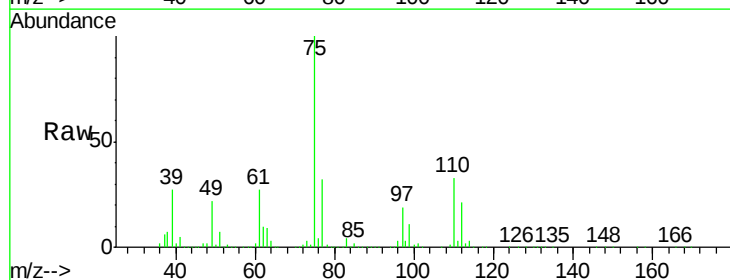
Manual Integrations
 APPROVED

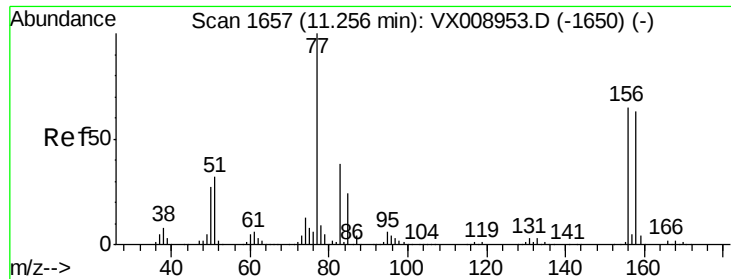
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 4/24/2019 12:03:19 PM



#76
 1,2,3-Trichloropropane
 Concen: 55.160 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Tgt Ion	75	Resp	164497
Ion Ratio	100	Lower	Upper
75	100		
77	43.7	22.7	68.0





#77

Bromobenzene

Concen: 53.161 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 124169

Ion Ratio Lower Upper

156 100

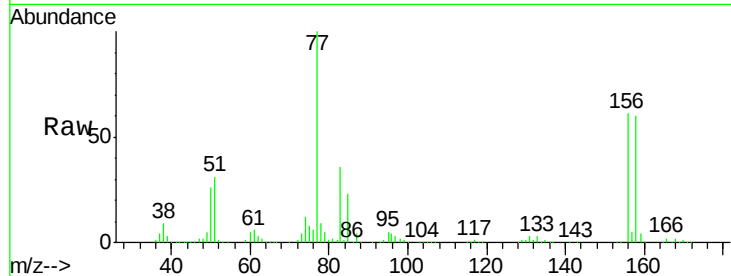
77 173.8 85.4 256.1

158 97.6 48.8 146.4

Manual Integrations
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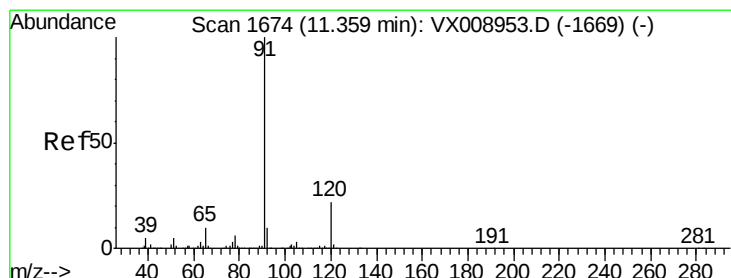
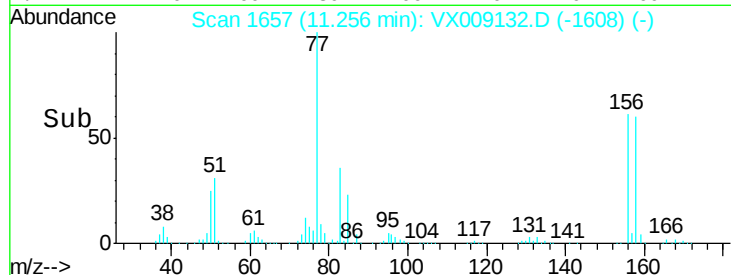
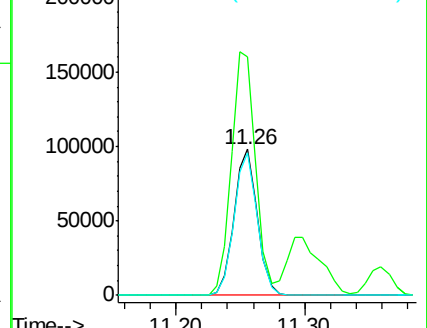
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.805 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009132.D

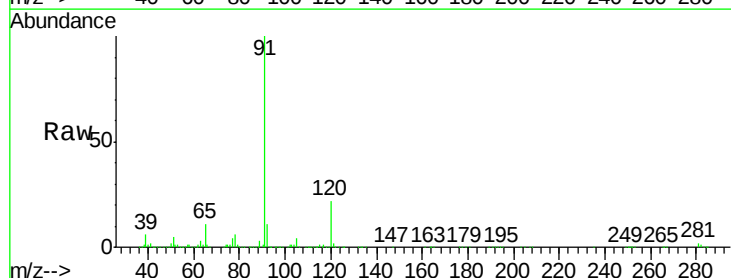
Acq: 23 Apr 2019 19:34

Tgt Ion: 91 Resp: 592946

Ion Ratio Lower Upper

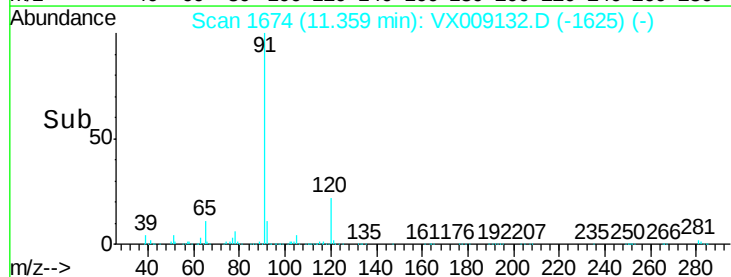
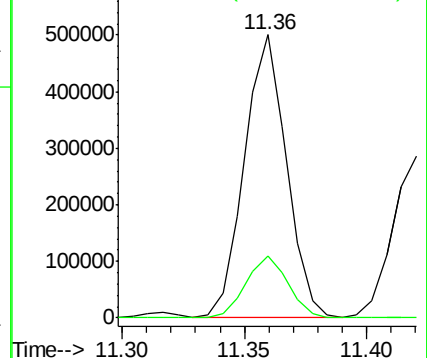
91 100

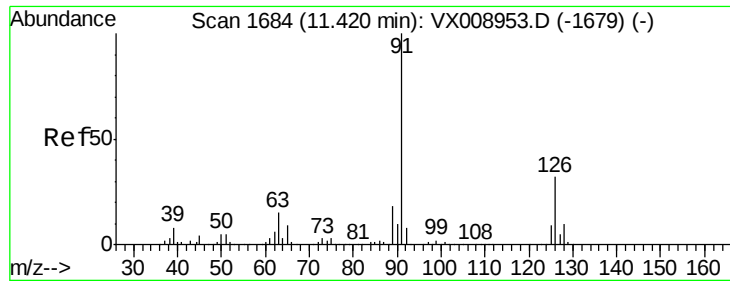
120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.973 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 351985

Ion Ratio Lower Upper

91 100

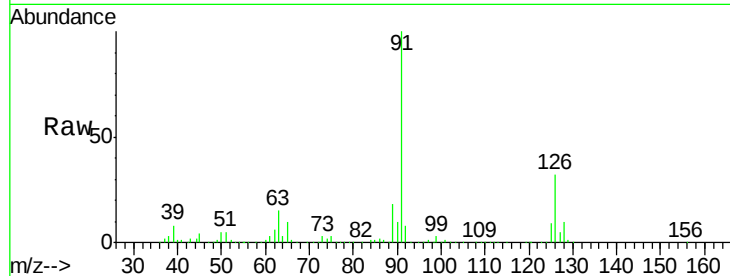
126 32.2 16.3 48.9

Manual Integrations

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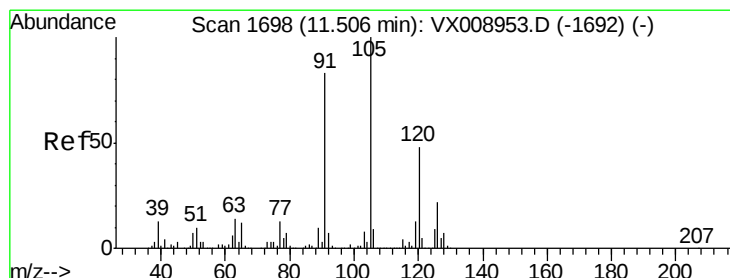
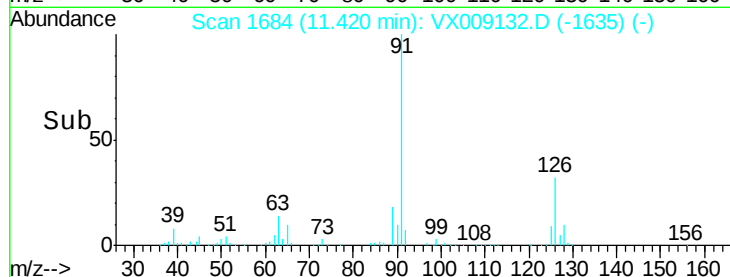
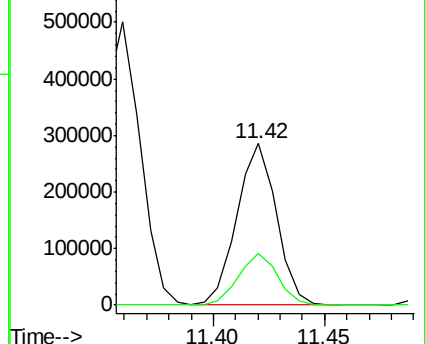
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Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.562 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009132.D

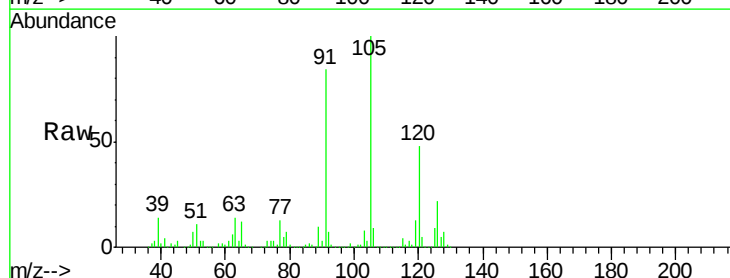
Acq: 23 Apr 2019 19:34

Tgt Ion: 105 Resp: 431631

Ion Ratio Lower Upper

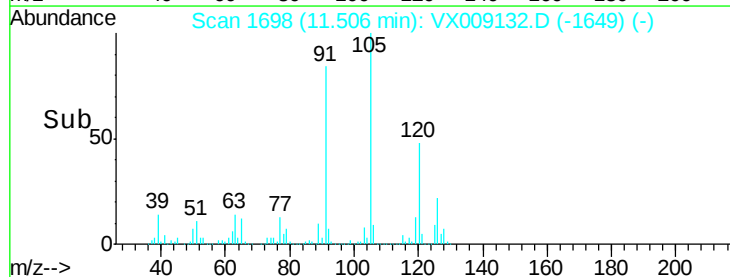
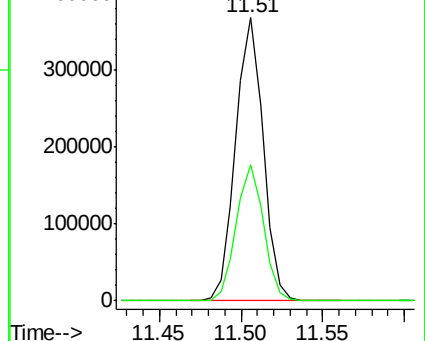
105 100

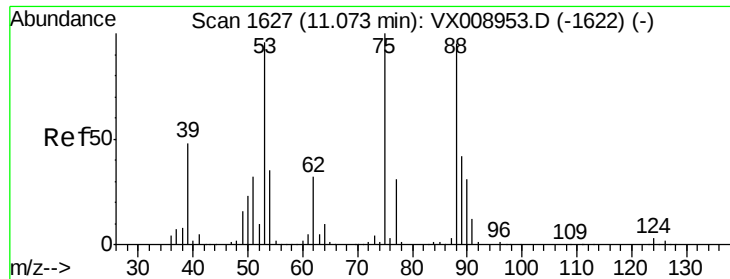
120 47.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.855 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

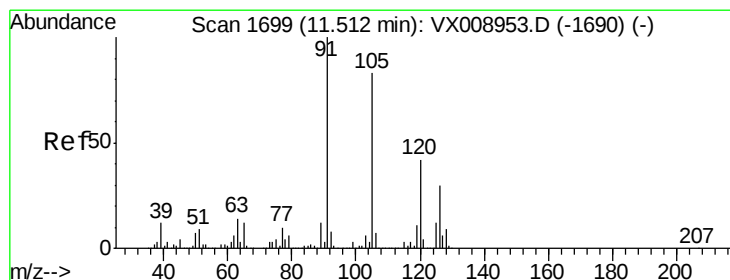
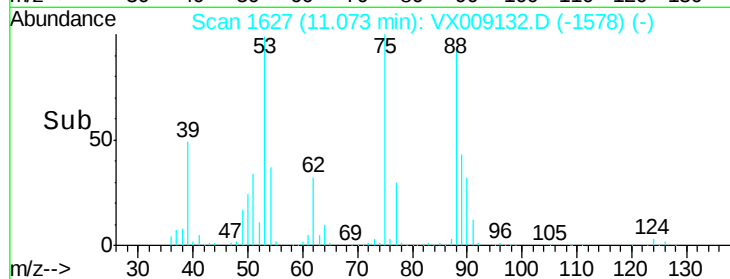
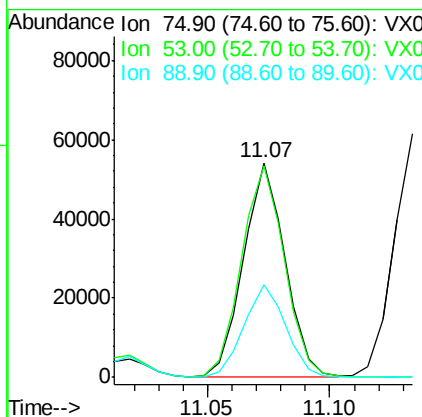
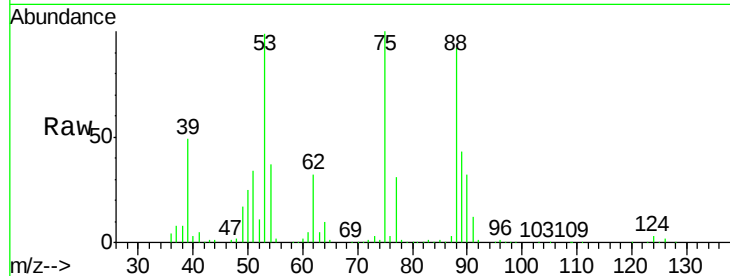
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	63721
Ion	Ratio	Lower	Upper
75	100		
53	101.9	78.2	117.4
89	43.6	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.377 ug/l

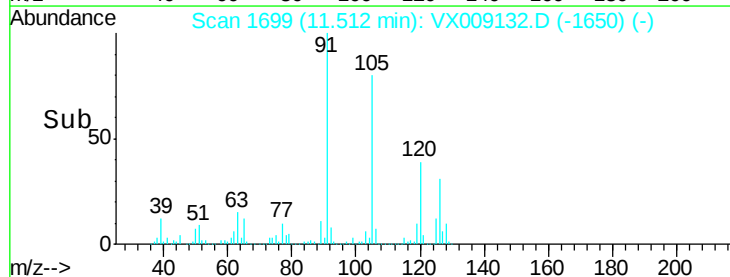
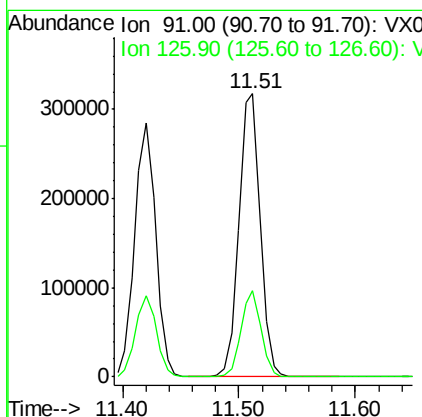
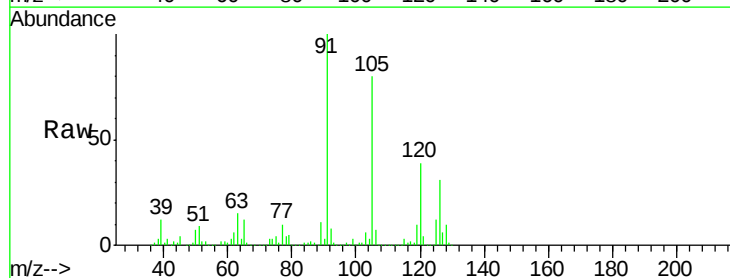
RT: 11.51 min Scan# 1699

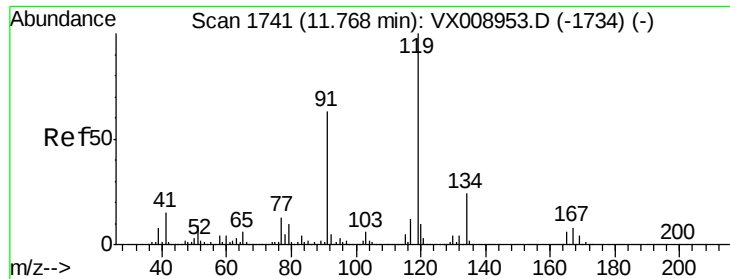
Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Tgt Ion:	91	Resp:	404354
Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.3	42.9





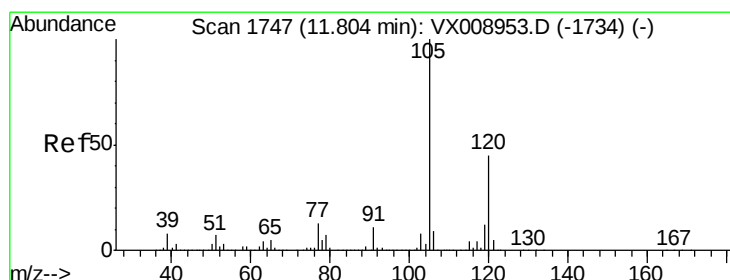
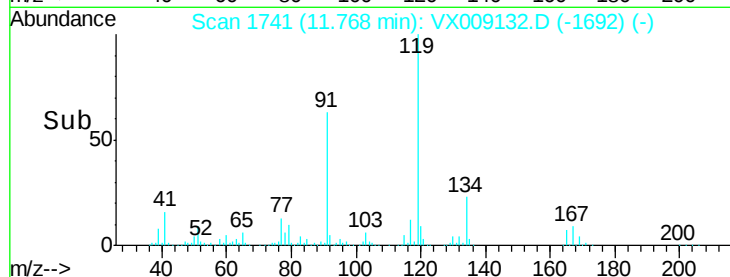
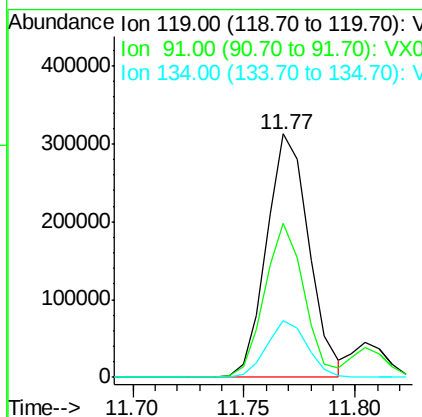
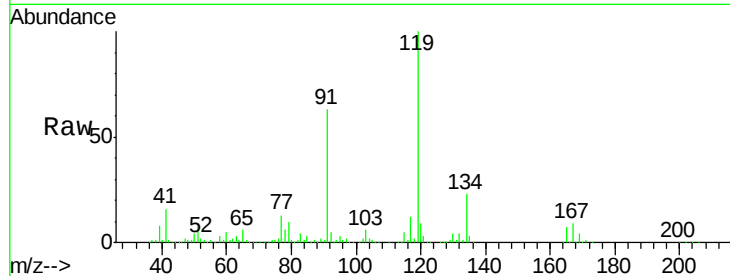
#83
tert-Butylbenzene
Concen: 55.273 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.7	89.1
134	22.2	11.2	33.5

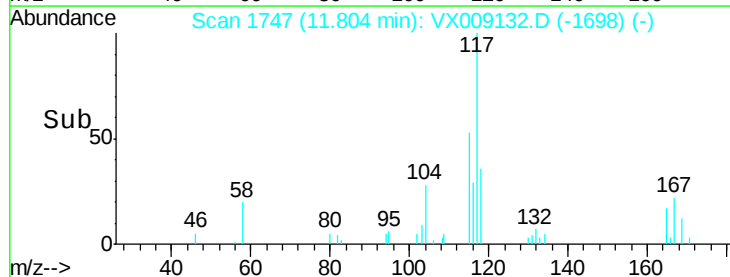
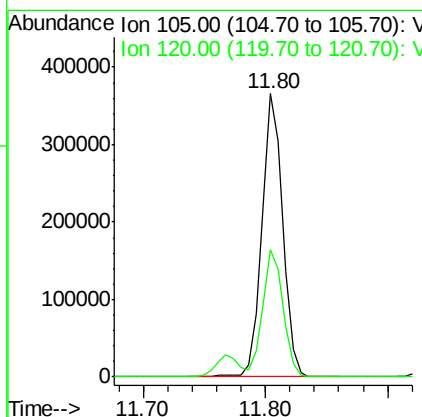
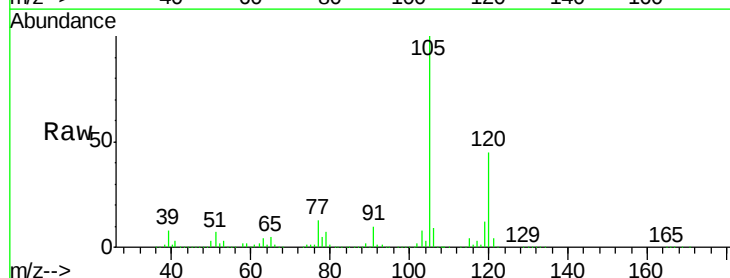
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 55.211 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.9	65.8





#85

sec-Butylbenzene

Concen: 55.365 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 492490

Ion Ratio Lower Upper

105 100

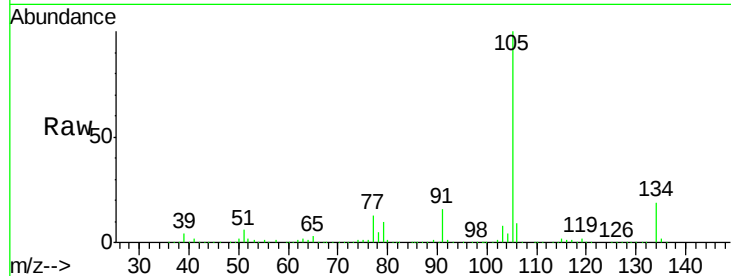
134 19.3 9.6 28.6

Manual Integrations

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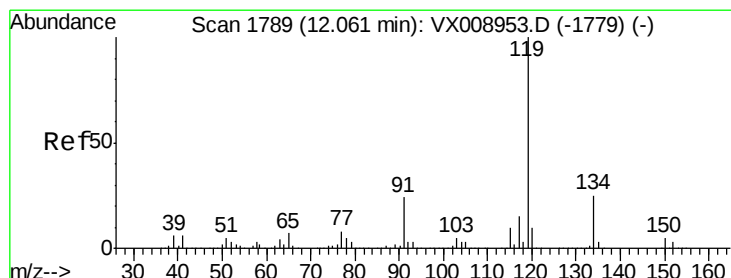
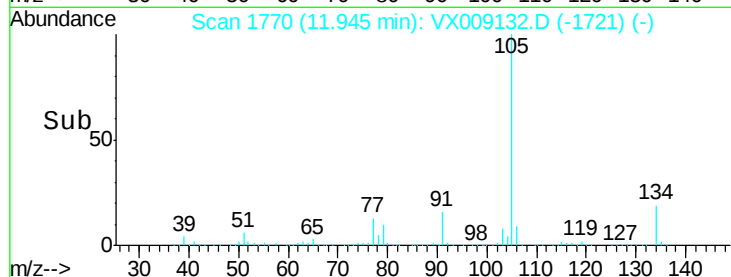
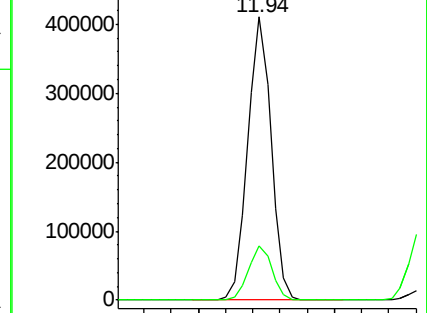
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.141 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

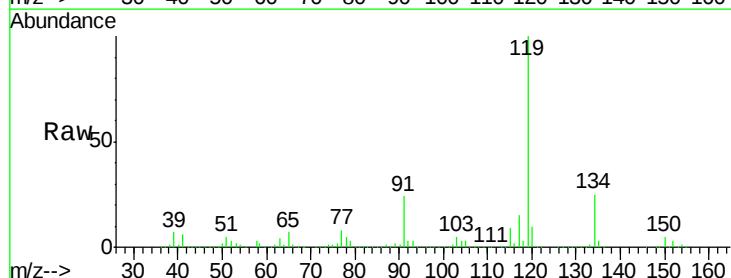
Tgt Ion:119 Resp: 450952

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

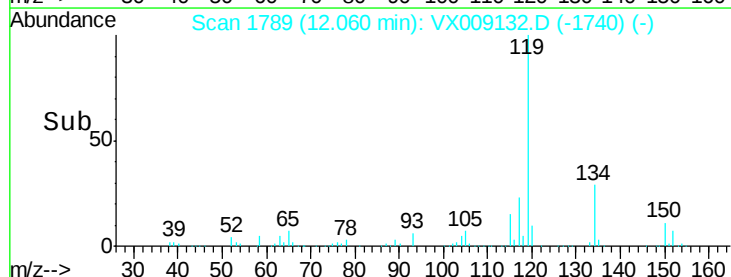
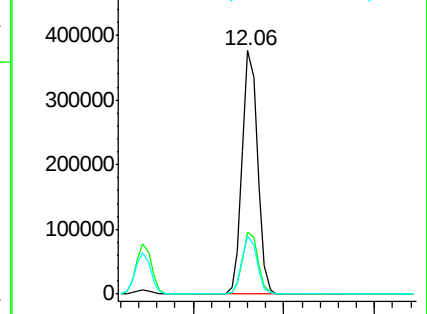
91 23.6 11.9 35.5

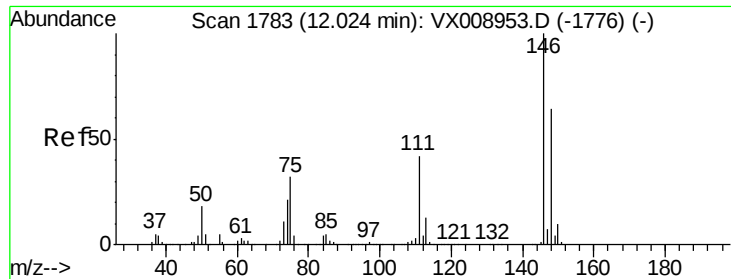


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





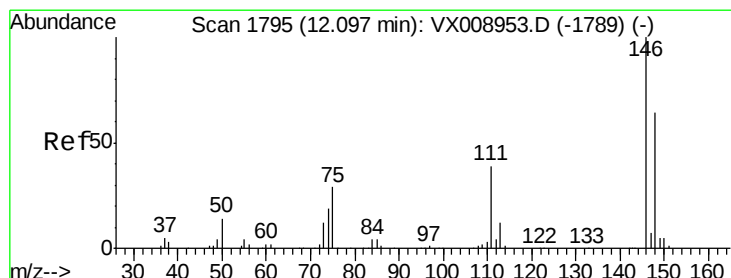
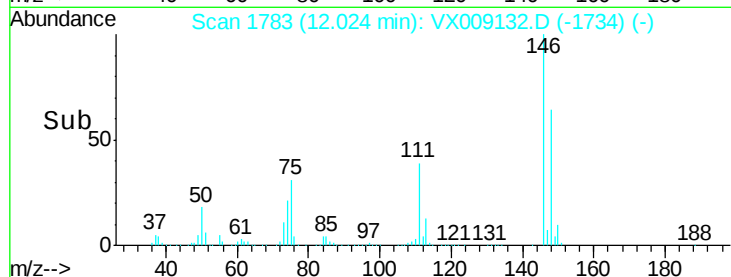
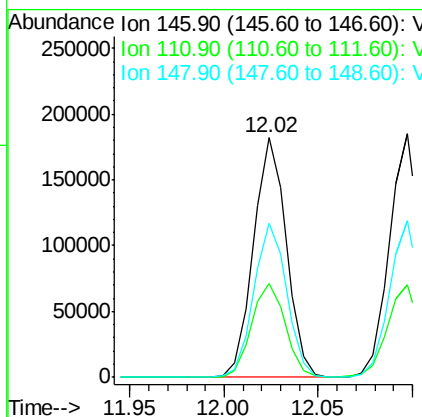
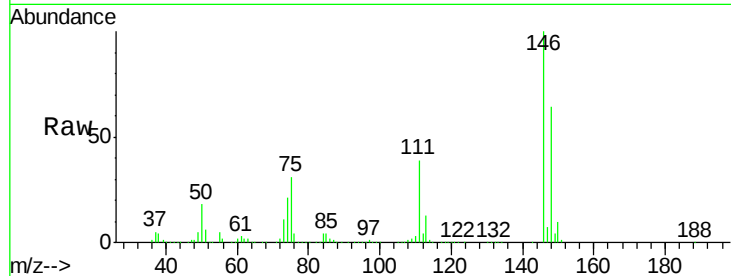
#87
 1,3-Dichlorobenzene
 Concen: 53.780 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.6
148	64.5	32.2	96.6

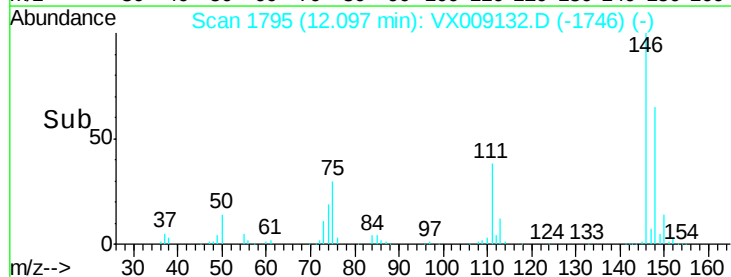
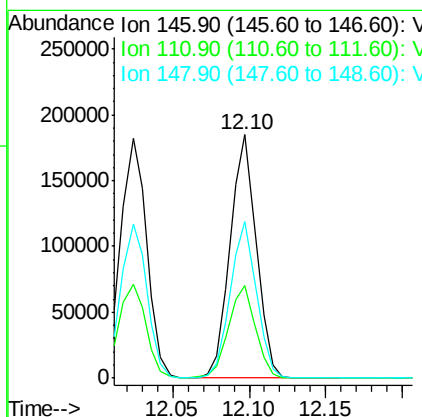
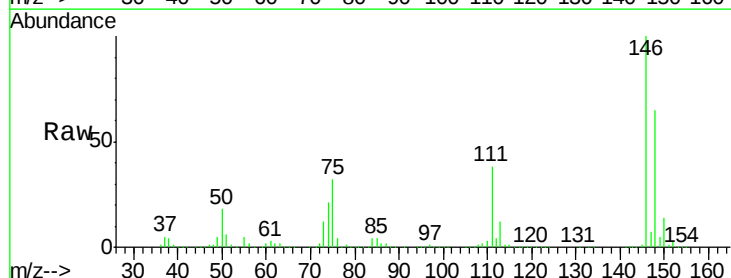
Manual Integrations
 APPROVED

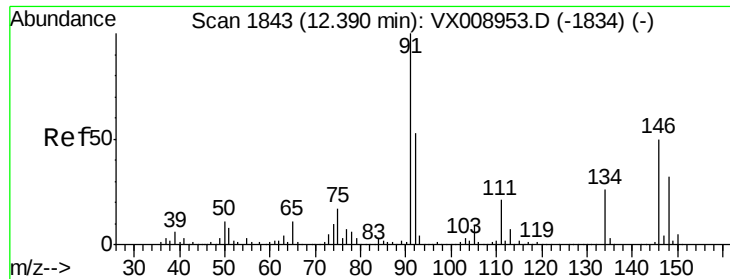
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#88
 1,4-Dichlorobenzene
 Concen: 52.980 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	59.9
148	64.4	32.2	96.6





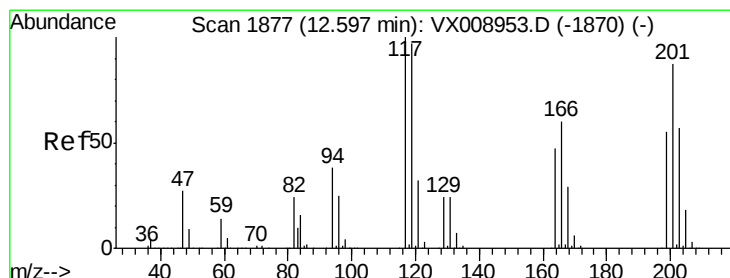
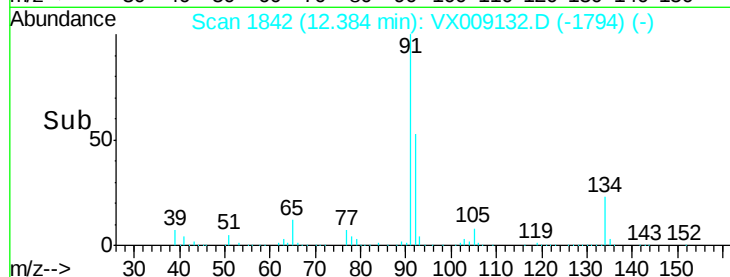
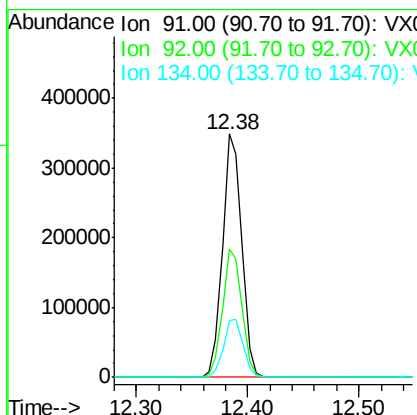
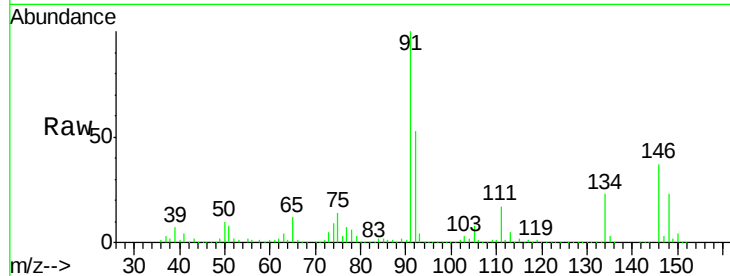
#89
n-Butylbenzene
Concen: 54.480 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.8
134	24.4	12.4	37.2

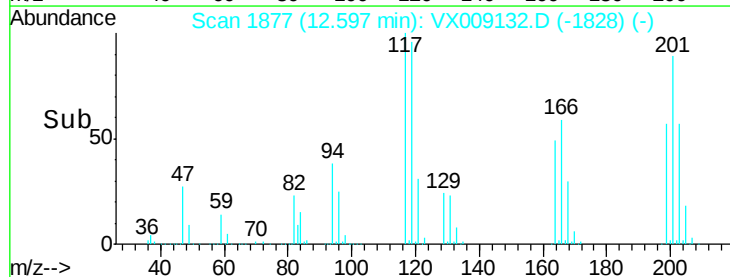
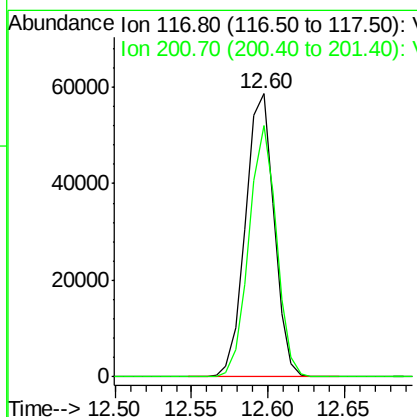
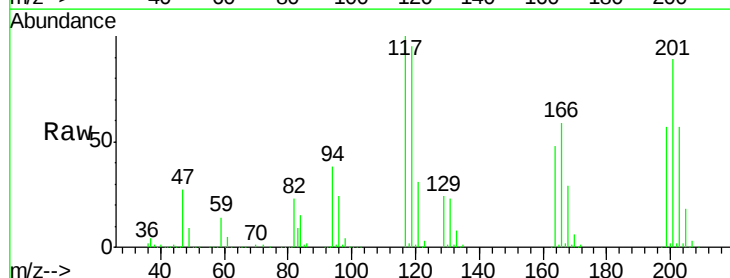
Manual Integrations
APPROVED

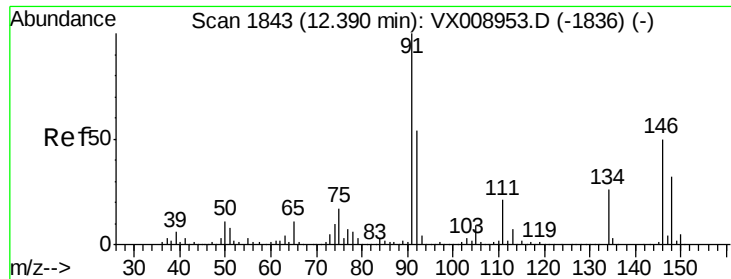
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#90
Hexachloroethane
Concen: 56.481 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009132.D
Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	43.0	129.0





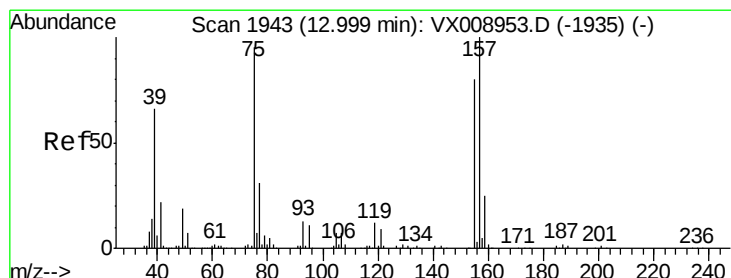
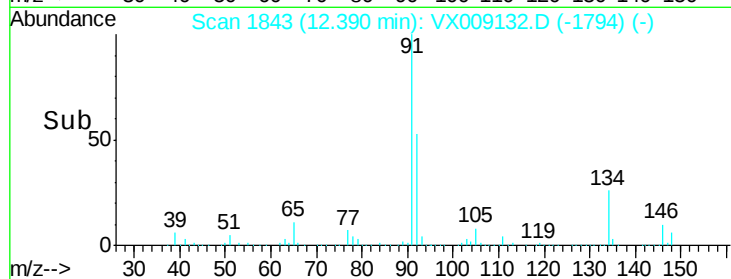
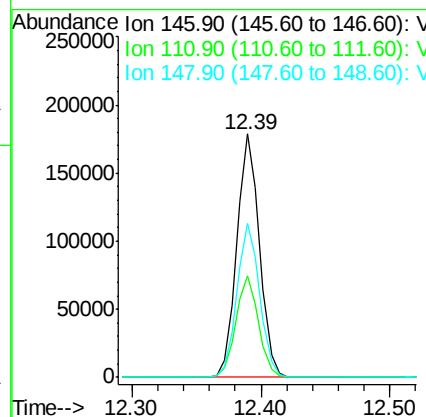
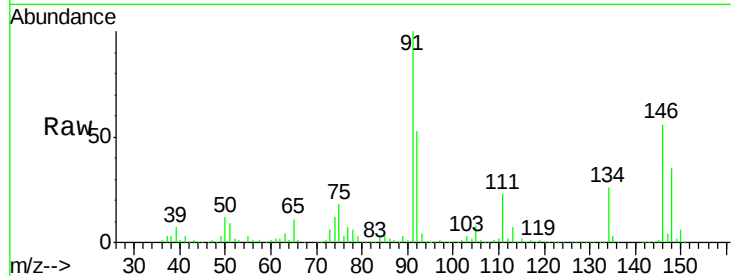
#91
 1,2-Dichlorobenzene
 Concen: 54.378 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	219511		
111	41.5	20.6	61.9	
148	63.6	32.0	96.2	

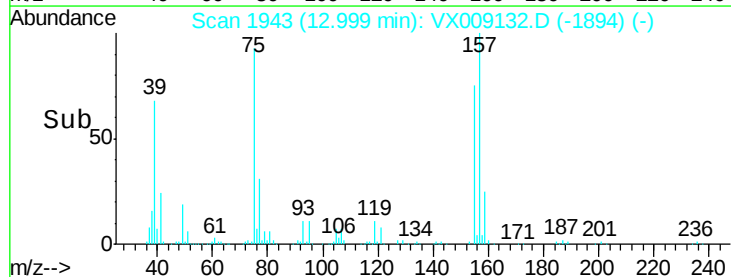
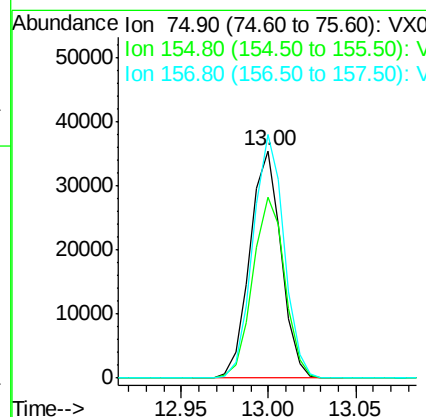
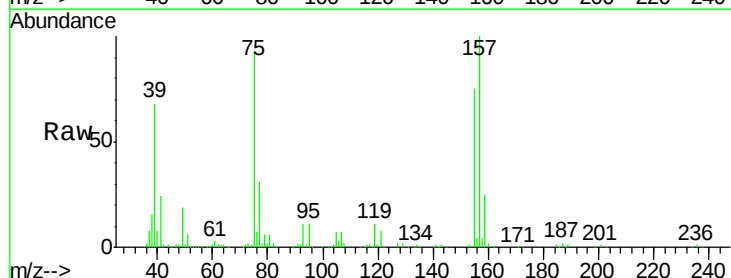
Manual Integrations
 APPROVED

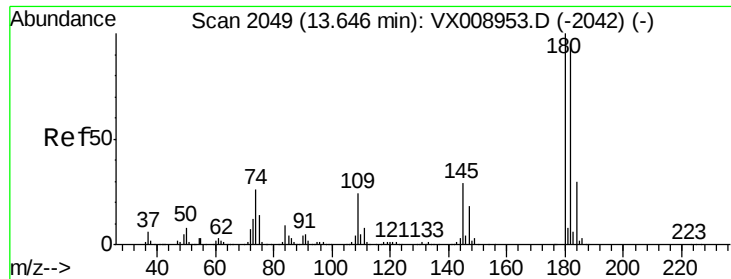
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.343 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44162		
155	81.6	41.2	123.6	
157	106.4	52.5	157.6	





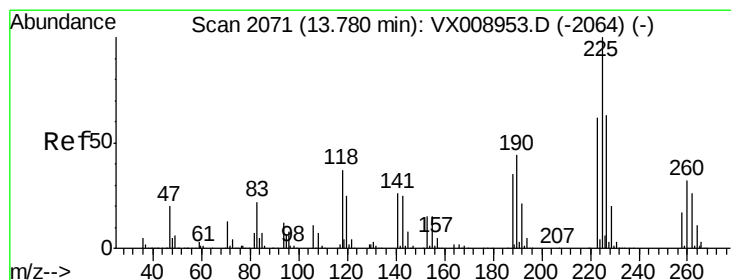
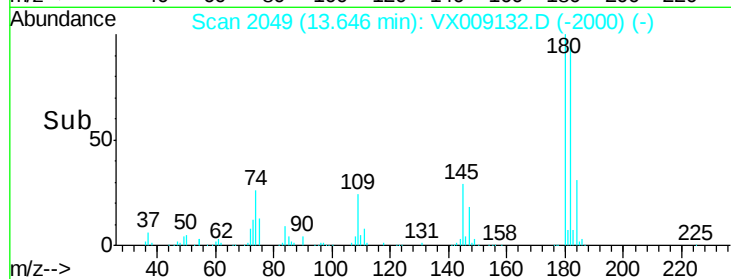
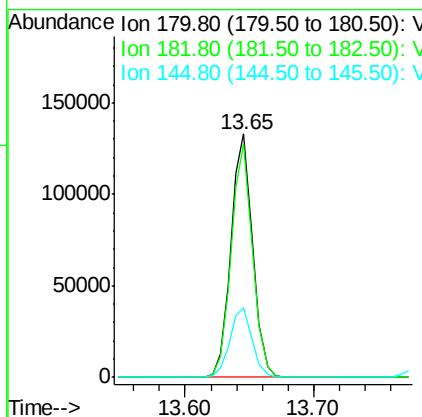
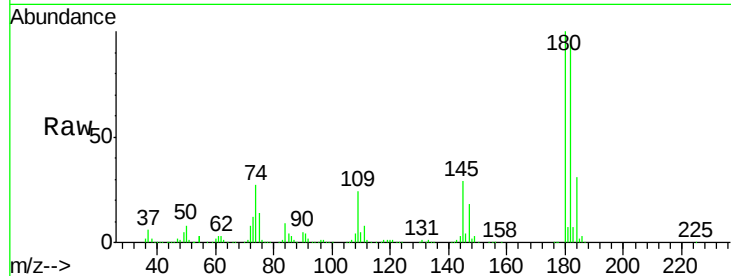
#93
 1,2,4-Trichlorobenzene
 Concen: 53.692 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	156460		
182	94.9	47.6	142.9	
145	29.4	14.8	44.4	

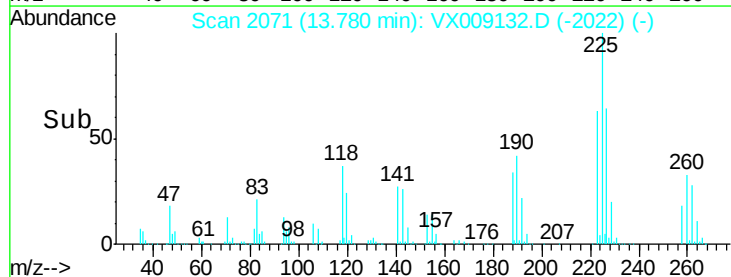
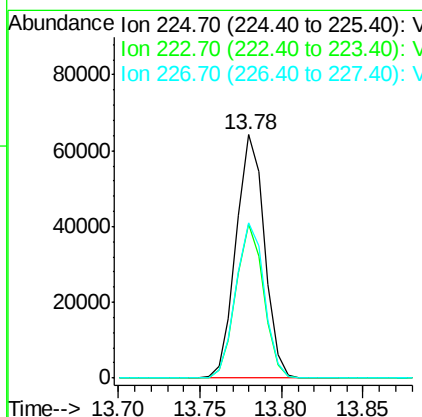
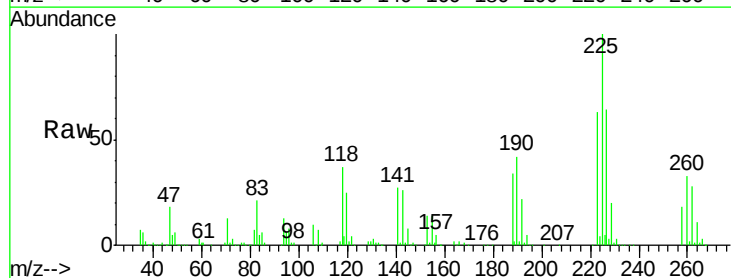
Manual Integrations
 APPROVED

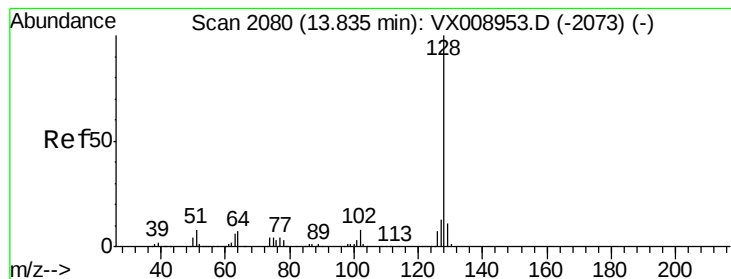
MMDadoda
 4/24/2019 12:03:19 PM



#94
 Hexachlorobutadiene
 Concen: 53.609 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009132.D
 Acq: 23 Apr 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77914		
223	62.0	31.1	93.2	
227	64.1	32.0	96.2	





#95

Naphthalene

Concen: 57.099 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Instrument :

MSVOA_X

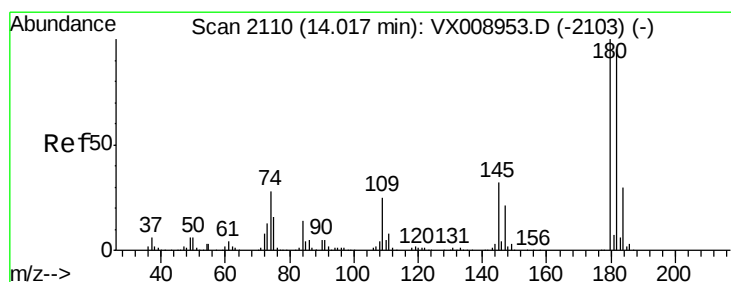
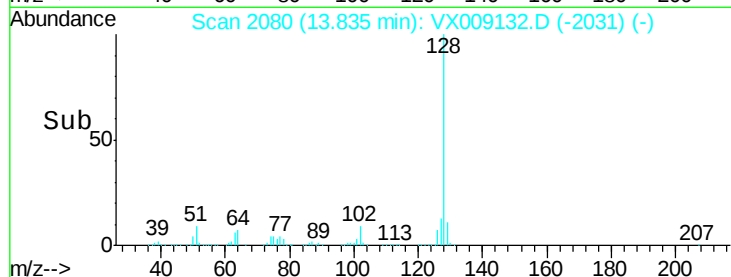
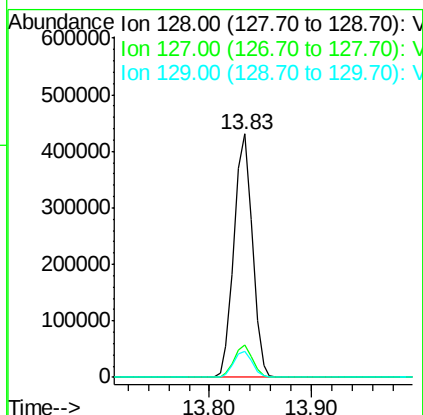
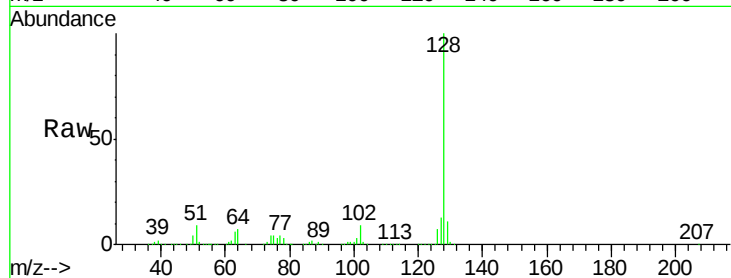
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	533076
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/24/2019 12:03:19 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.948 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009132.D

Acq: 23 Apr 2019 19:34

Tgt Ion:	180	Resp:	157984
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	31.3	15.8	47.3

