

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\
 Data File : VX009178.D
 Acq On : 26 Apr 2019 10:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 11:25:00 AM

Quant Time: Apr 27 04:11:20 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	5.66	168	206761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125881	43.20	ug/l	0.00
Spiked Amount			Recovery	=	86.40%	
35) Dibromofluoromethane	5.49	113	93314	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	
50) Toluene-d8	8.71	98	371036	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	
62) 4-Bromofluorobenzene	11.13	95	137897	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	117435	49.312	ug/l	100
3) Chloromethane	1.32	50	140886	48.187	ug/l	100
4) Vinyl Chloride	1.41	62	136809	48.077	ug/l	100
5) Bromomethane	1.64	94	82574	46.621	ug/l	98
6) Chloroethane	1.72	64	81340	48.609	ug/l	96
7) Trichlorofluoromethane	1.93	101	160827	48.407	ug/l	98
8) Diethyl Ether	2.19	74	72685	47.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98118	46.189	ug/l	98
10) Methyl Iodide	2.51	142	109165	47.266	ug/l	99
11) Tert butyl alcohol	3.04	59	157070	242.843	ug/l	100
12) 1,1-Dichloroethene	2.37	96	98497	44.423	ug/l	96
13) Acrolein	2.29	56	135364	242.216	ug/l	99
14) Allyl chloride	2.73	41	240441	49.704	ug/l	99
15) Acrylonitrile	3.14	53	395713	241.012	ug/l	100
16) Acetone	2.44	43	391049	258.792	ug/l	98
17) Carbon Disulfide	2.57	76	291532	44.875	ug/l	99
18) Methyl Acetate	2.77	43	181637	48.164	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	384165	48.626	ug/l	98
20) Methylene Chloride	2.85	84	119143	46.106	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	108161	45.734	ug/l	96
22) Diisopropyl ether	3.85	45	462013	49.151	ug/l	94
23) Vinyl Acetate	3.81	43	2085847	252.435	ug/l	99
24) 1,1-Dichloroethane	3.70	63	225937	47.882	ug/l	99
25) 2-Butanone	4.67	43	608246	251.828	ug/l	99
26) 2,2-Dichloropropane	4.58	77	173184	48.963	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	126780	47.216	ug/l	98
28) Bromochloromethane	5.01	49	90536	46.041	ug/l	99
29) Tetrahydrofuran	5.12	42	385738	238.608	ug/l	98
30) Chloroform	5.21	83	206033	48.795	ug/l	100
31) Cyclohexane	5.57	56	222338	47.907	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	169063	48.309	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160450	47.992	ug/l	100
37) Ethyl Acetate	4.83	43	220161	51.176	ug/l	99
38) Carbon Tetrachloride	5.78	117	143376	50.586	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	204547	50.250	ug/l	97
40) Benzene	6.14	78	486690	49.346	ug/l	100
41) Methacrylonitrile	5.04	41	126742	51.332	ug/l	100
42) 1,2-Dichloroethane	6.19	62	172627	49.410	ug/l	99
43) Isopropyl Acetate	6.44	43	349809	50.458	ug/l	100
44) Trichloroethene	7.21	130	115006	47.590	ug/l	99
45) 1,2-Dichloropropane	7.51	63	137802	50.362	ug/l	99
46) Dibromomethane	7.66	93	78531	49.316	ug/l	99
47) Bromodichloromethane	7.90	83	160542	51.402	ug/l	99
48) Methyl methacrylate	7.77	41	177038	51.682	ug/l	98
49) 1,4-Dioxane	7.74	88	64805	1010.760	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1143653	258.941	ug/l	99
52) Toluene	8.78	92	295543	49.999	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	188500	52.442	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	206247	51.244	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118153	50.435	ug/l	99
56) Ethyl methacrylate	9.18	69	217425	51.760	ug/l	98
57) 1,3-Dichloropropane	9.37	76	210278	50.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	601740	266.014	ug/l	100
59) 2-Hexanone	9.49	43	898080	263.742	ug/l	100
60) Dibromochloromethane	9.58	129	119251	53.112	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121472	50.239	ug/l	98
64) Tetrachloroethene	9.34	164	105349	47.396	ug/l	97
65) Chlorobenzene	10.13	112	303849	49.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	110532	50.805	ug/l	99
67) Ethyl Benzene	10.25	91	568863	50.389	ug/l	100
68) m/p-Xylenes	10.36	106	417436	101.742	ug/l	100
69) o-Xylene	10.69	106	202245	50.661	ug/l	99
70) Styrene	10.71	104	357969	51.744	ug/l	99
71) Bromoform	10.85	173	89537	51.657	ug/l #	98
73) Isopropylbenzene	11.02	105	549733	50.007	ug/l	100
74) N-amyl acetate	10.90	43	322039	51.020	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	194346	48.385	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	169433m	47.844	ug/l	
77) Bromobenzene	11.26	156	131407	47.377	ug/l	99
78) n-propylbenzene	11.36	91	643613	51.009	ug/l	100
79) 2-Chlorotoluene	11.42	91	377005	49.584	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	465048	50.412	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68392	49.580	ug/l	98
82) 4-Chlorotoluene	11.51	91	438829	49.695	ug/l	100
83) tert-Butylbenzene	11.77	119	442645	49.978	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	468503	49.892	ug/l	100
85) sec-Butylbenzene	11.94	105	539875	51.109	ug/l	99
86) p-Isopropyltoluene	12.06	119	495429	51.014	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	240939	49.632	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	240652	48.903	ug/l	100
89) n-Butylbenzene	12.38	91	467582	51.698	ug/l	99
90) Hexachloroethane	12.60	117	83180	51.924	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	241698	50.420	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46909	51.293	ug/l	99

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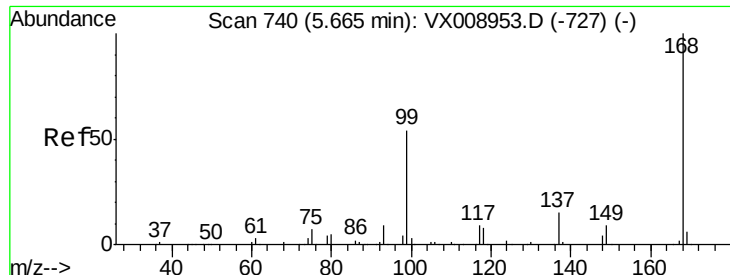
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181751	52.523	ug/l	99
94) Hexachlorobutadiene	13.78	225	88974	51.553	ug/l	99
95) Naphthalene	13.83	128	577298	52.072	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	180428	52.845	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 206761

Ion Ratio Lower Upper

168 100

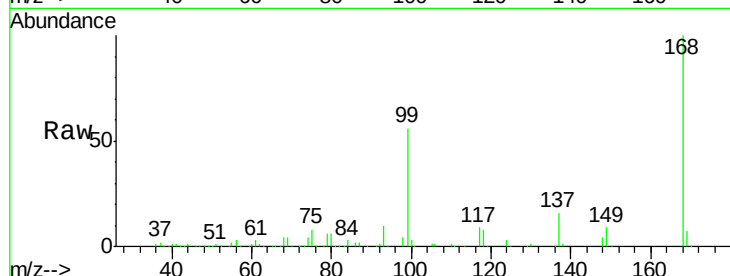
99 55.9 43.0 64.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

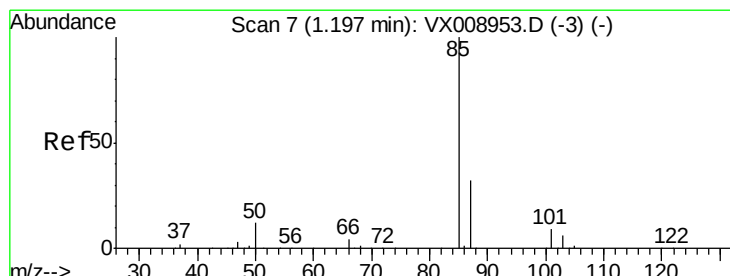
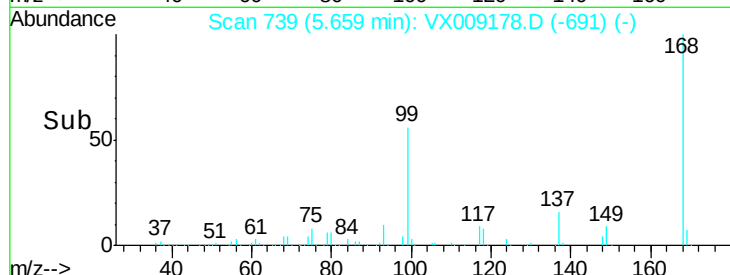
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.312 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009178.D

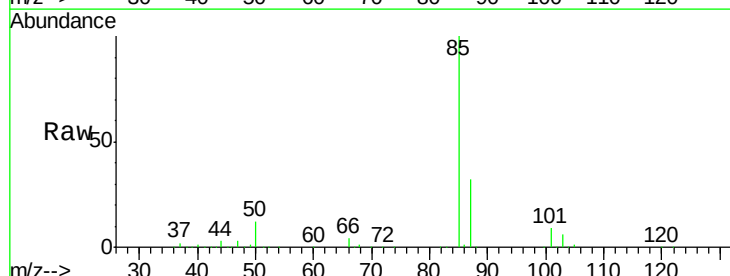
Acq: 26 Apr 2019 10:23

Tgt Ion: 85 Resp: 117435

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

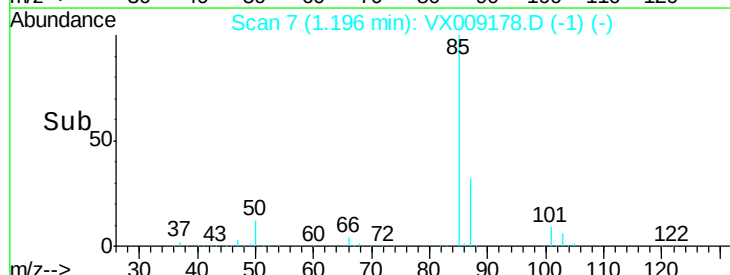
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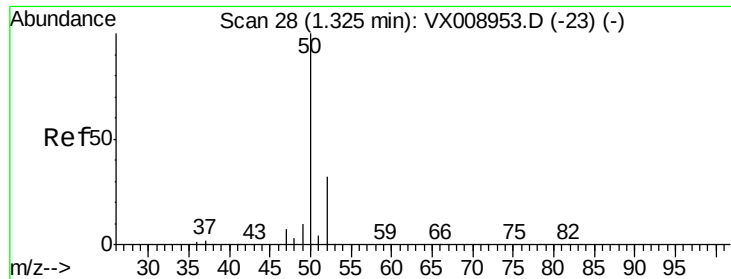
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.187 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 140886

Ion Ratio Lower Upper

50 100

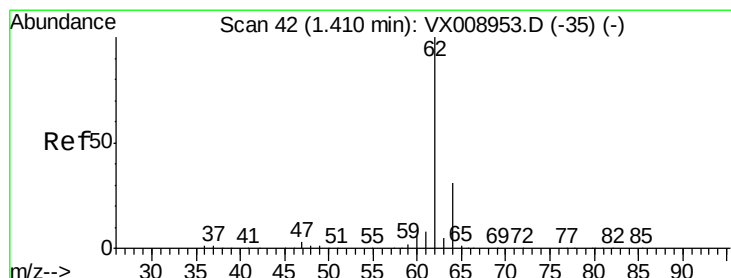
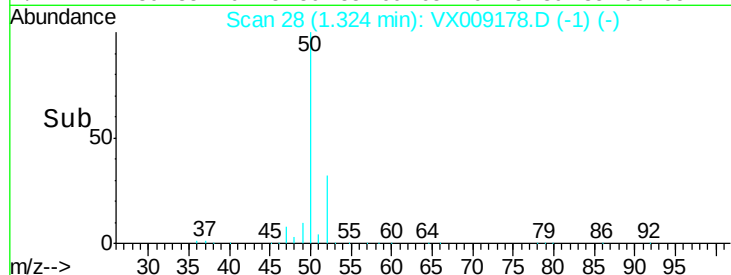
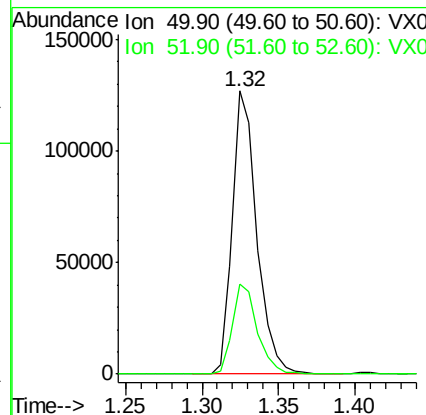
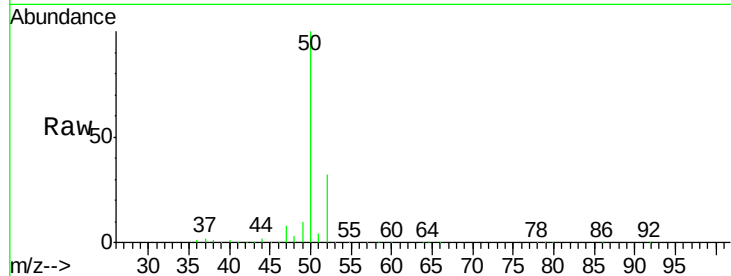
52 31.8 25.5 38.3

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#4

Vinyl Chloride

Concen: 48.077 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009178.D

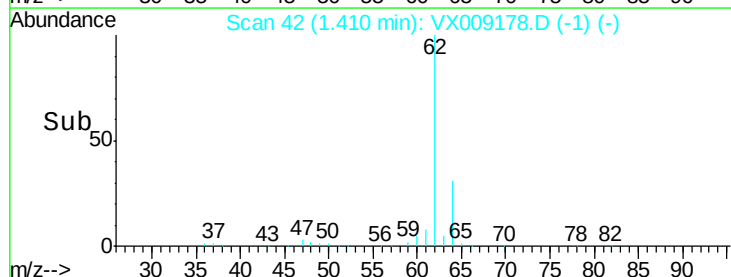
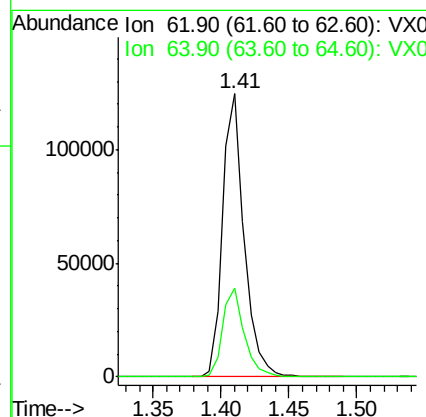
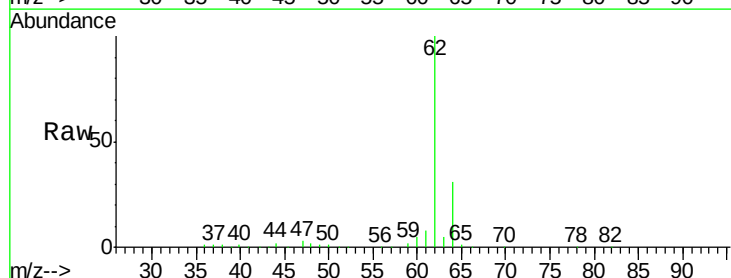
Acq: 26 Apr 2019 10:23

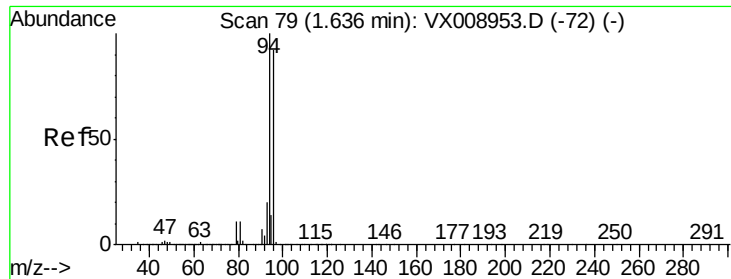
Tgt Ion: 62 Resp: 136809

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4





#5

Bromomethane

Concen: 46.621 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 82574

Ion Ratio Lower Upper

94 100

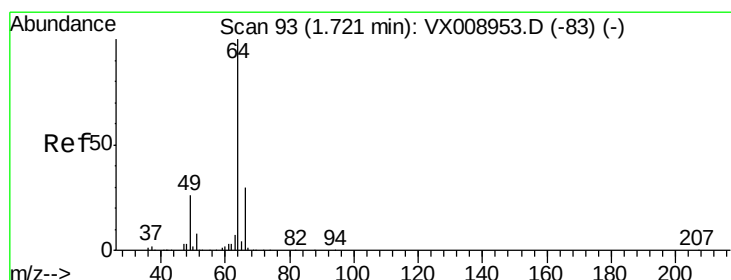
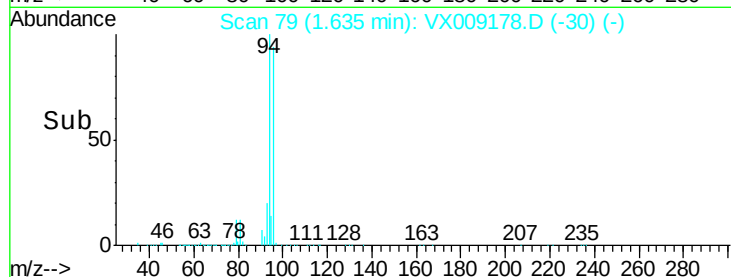
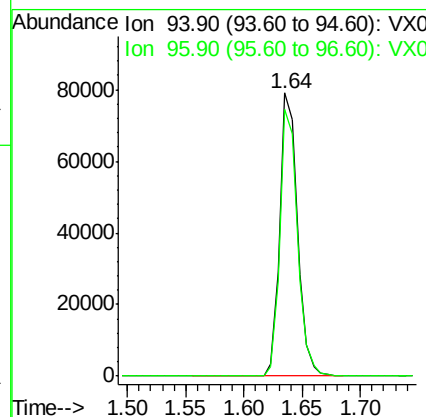
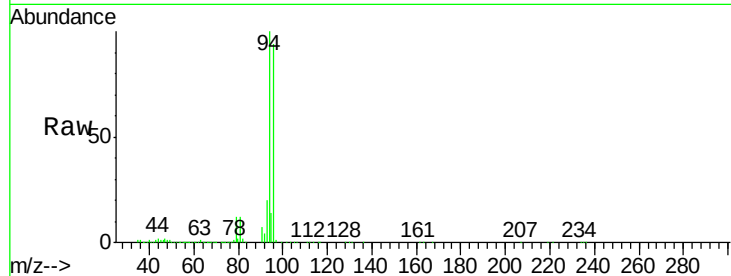
96 94.0 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 48.609 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009178.D

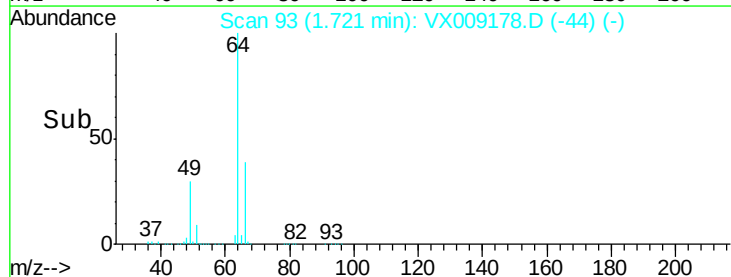
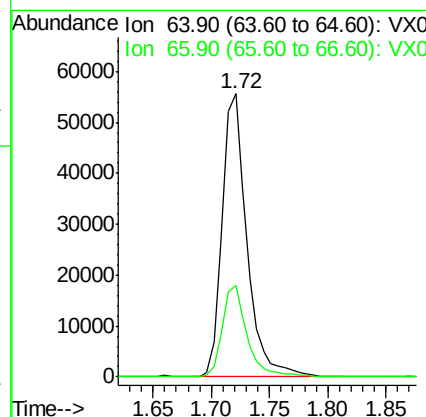
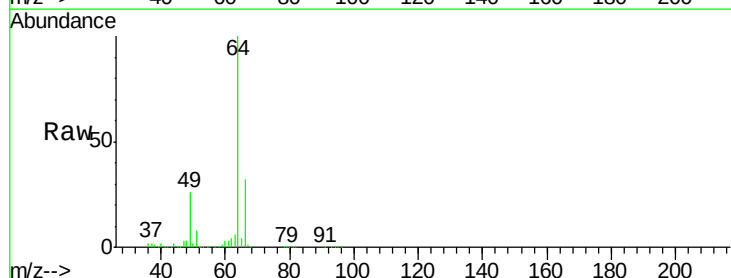
Acq: 26 Apr 2019 10:23

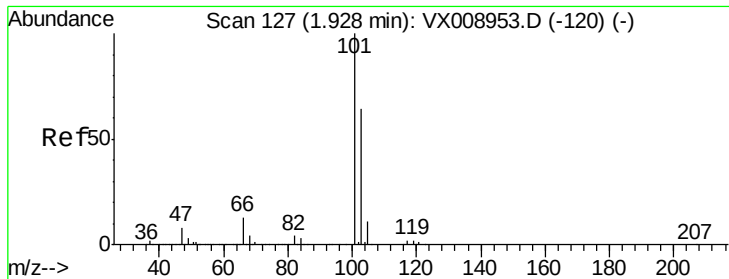
Tgt Ion: 64 Resp: 81340

Ion Ratio Lower Upper

64 100

66 32.5 24.2 36.2





#7

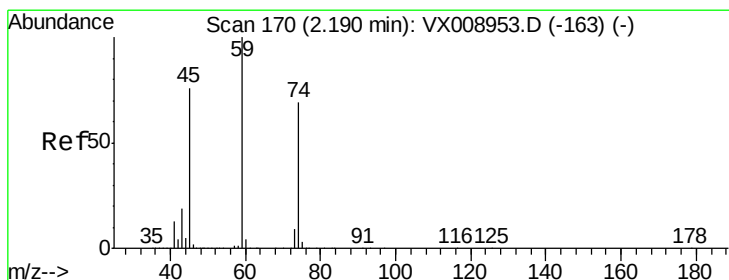
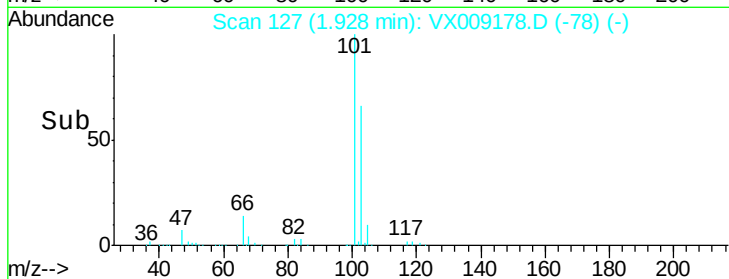
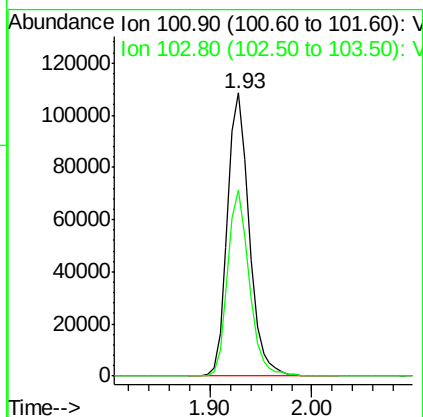
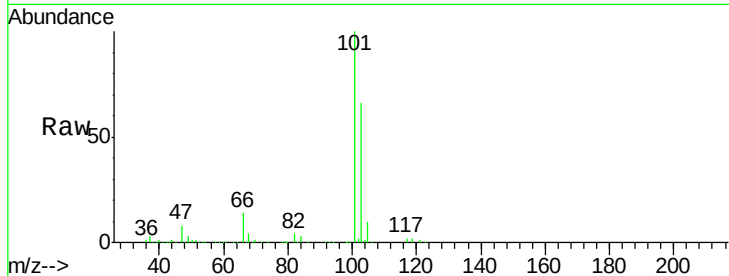
Trichlorofluoromethane
Concen: 48.407 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	160827		
103	65.6	51.0	76.6	

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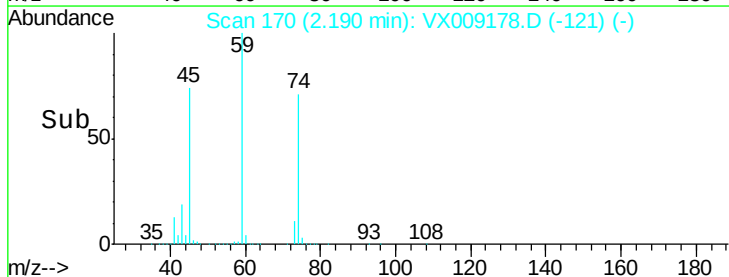
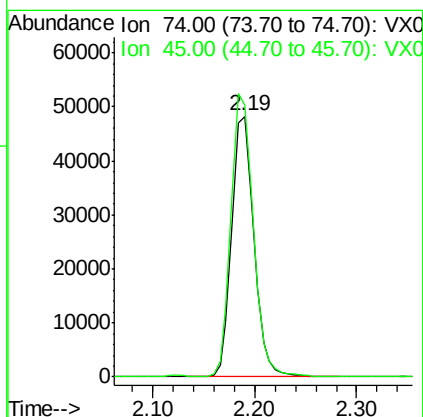
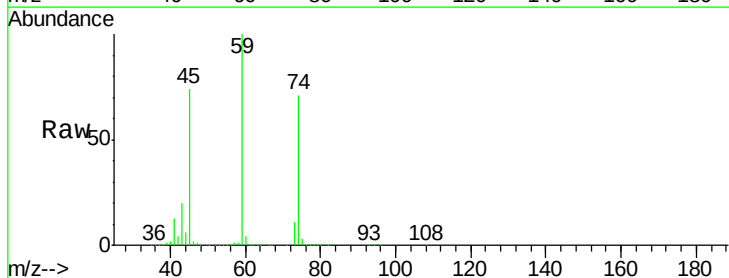
MMDadoda
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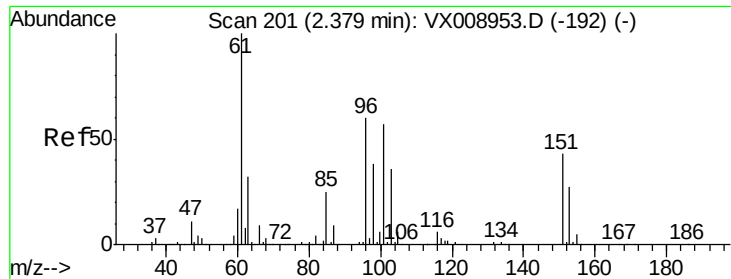


#8

Diethyl Ether
Concen: 47.837 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	72685		
45	108.4	54.9	164.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.189 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

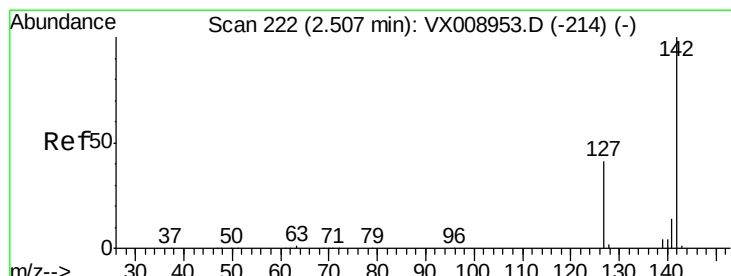
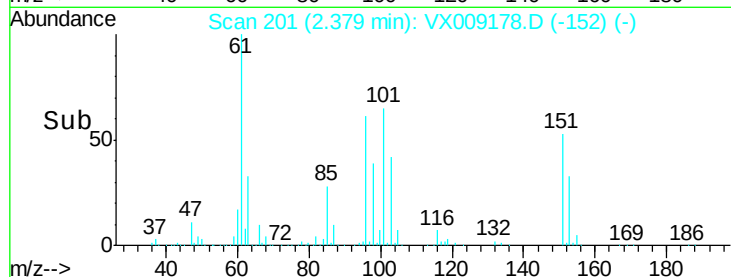
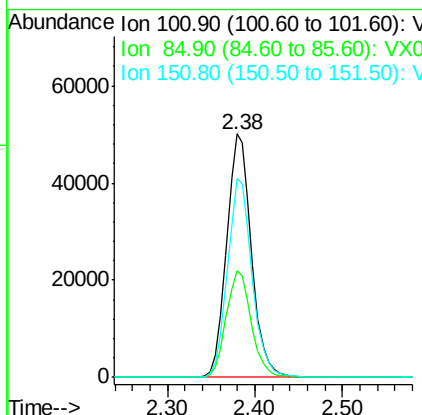
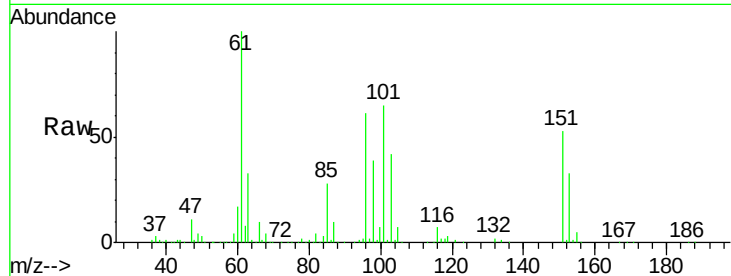
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	98118
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.7	53.5
151	81.3	62.7	94.1

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4/29/2019 11:25:00 AM



#10

Methyl Iodide

Concen: 47.266 ug/l

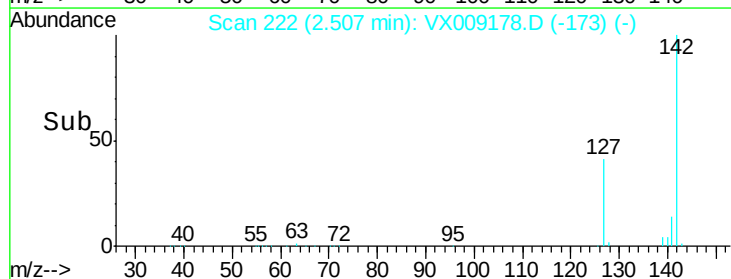
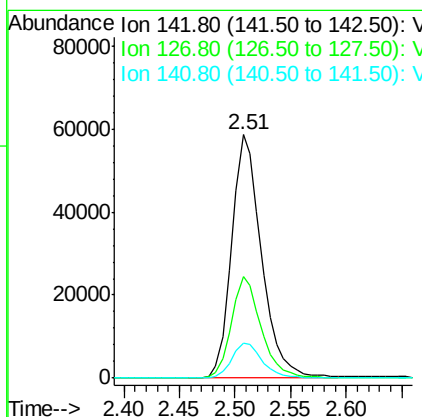
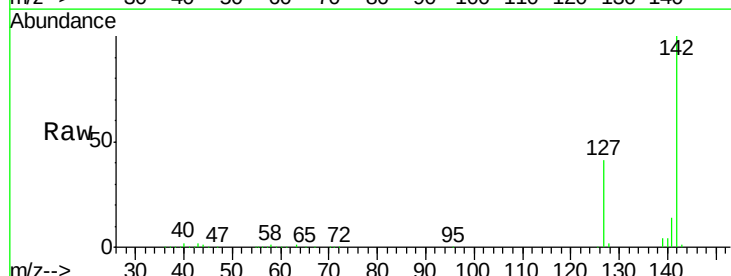
RT: 2.51 min Scan# 222

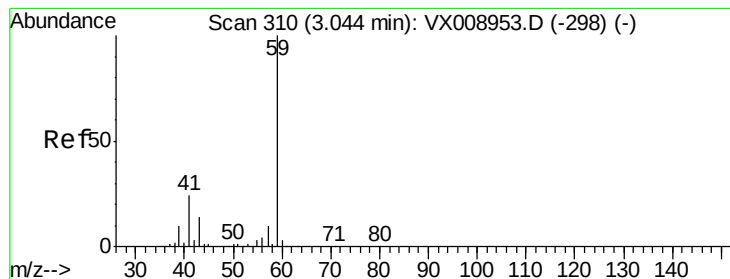
Delta R.T. 0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion:	142	Resp:	109165
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.8	49.2
141	14.6	11.4	17.2





#11

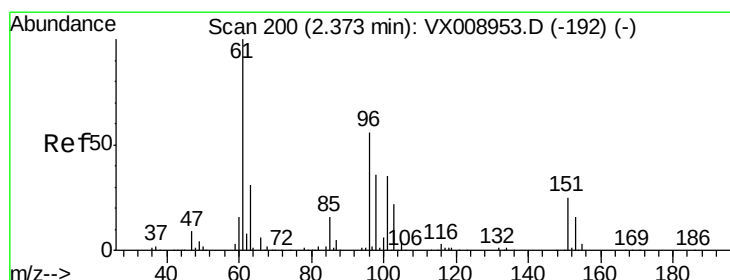
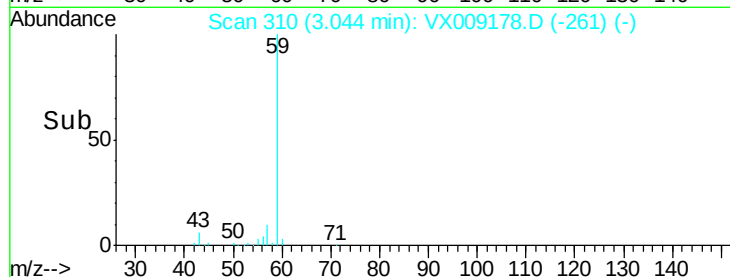
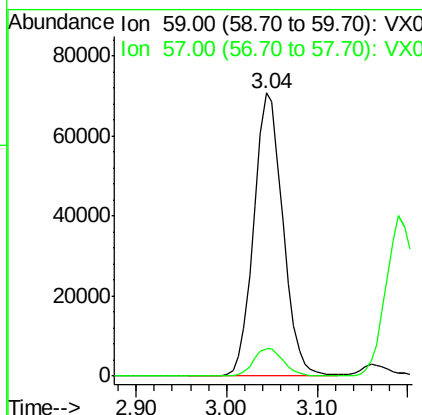
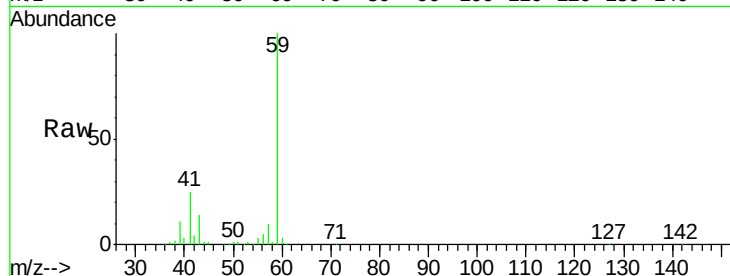
Tert butyl alcohol
 Concen: 242.843 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

Manual Integrations
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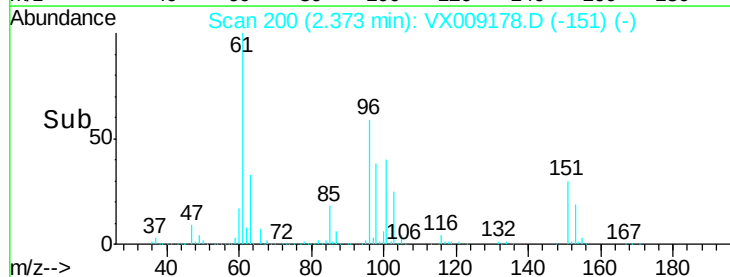
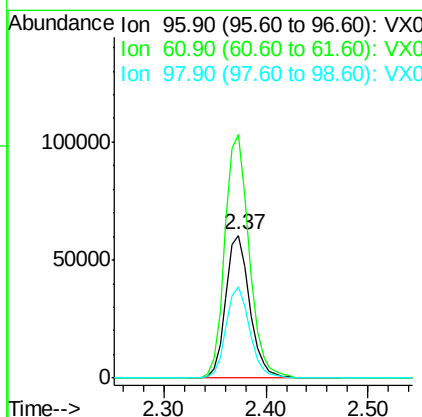
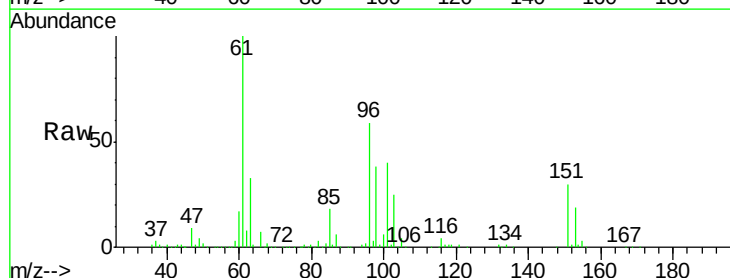
MMDadoda
 4/29/2019 11:25:00 AM

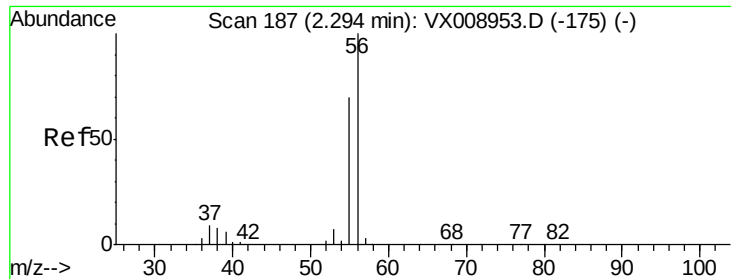


#12

1,1-Dichloroethene
 Concen: 44.423 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.6	142.2	213.2
98	64.4	50.9	76.3





#13

Acrolein

Concen: 242.216 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 135364

Ion Ratio Lower Upper

56 100

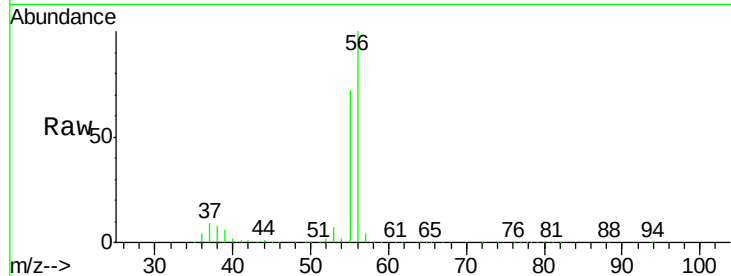
55 71.3 56.6 84.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

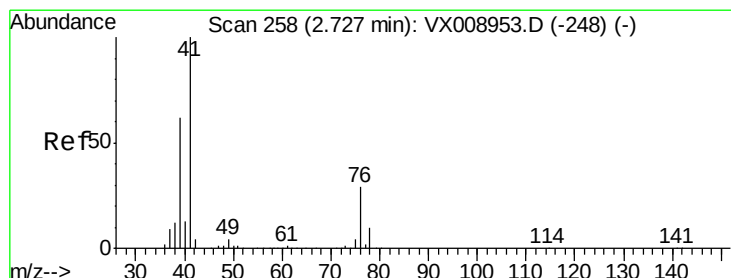
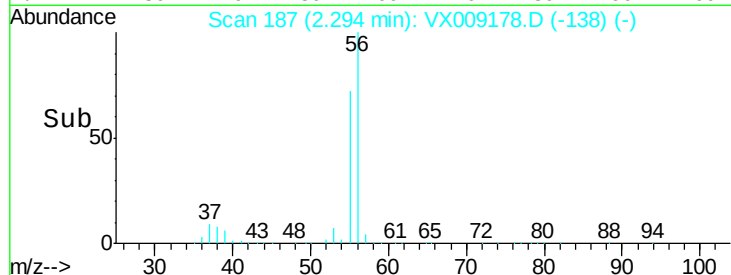
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 49.704 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

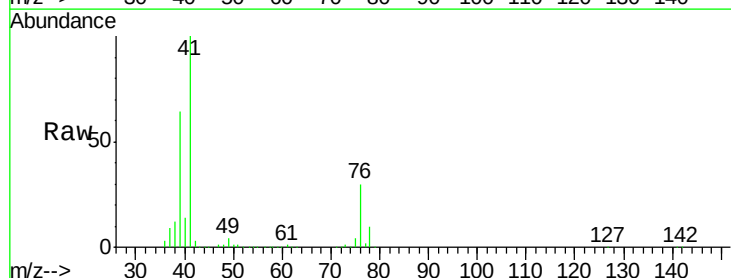
Tgt Ion: 41 Resp: 240441

Ion Ratio Lower Upper

41 100

39 58.9 46.7 70.1

76 27.1 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

150000

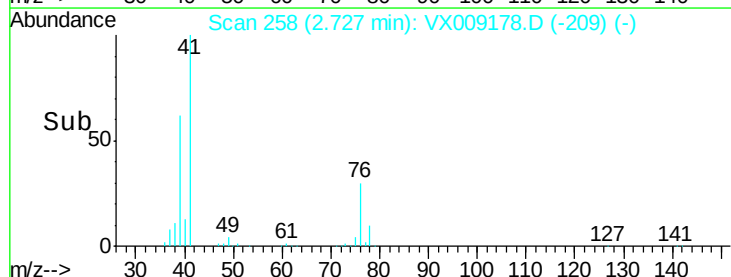
100000

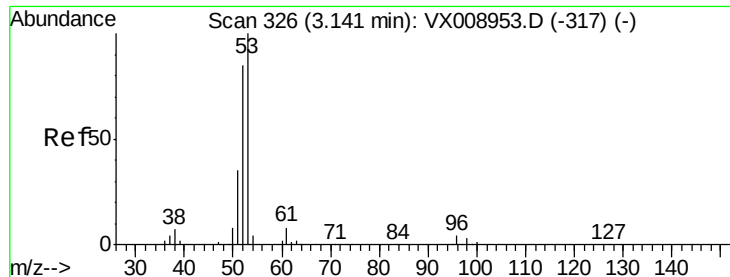
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 241.012 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

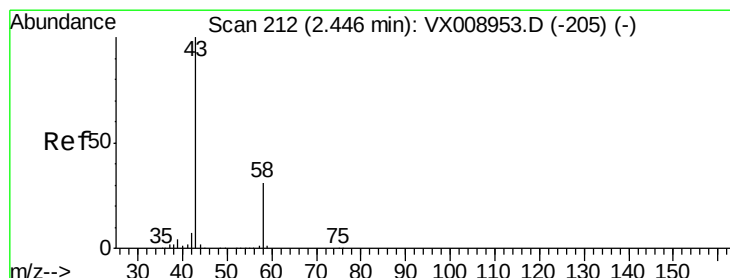
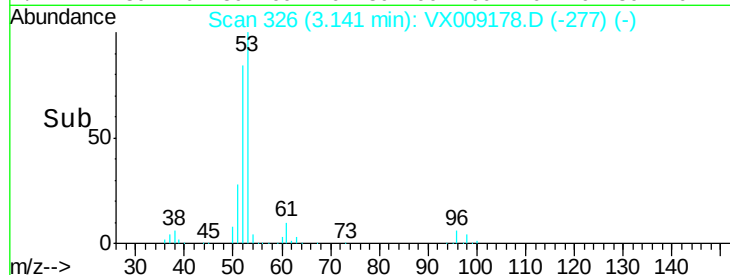
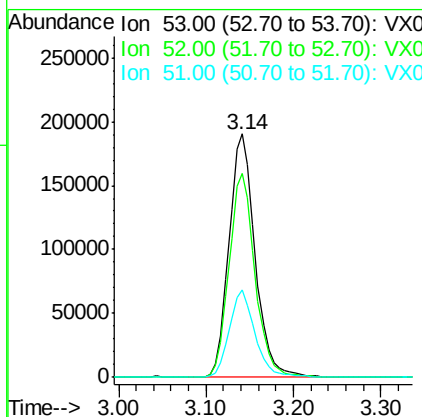
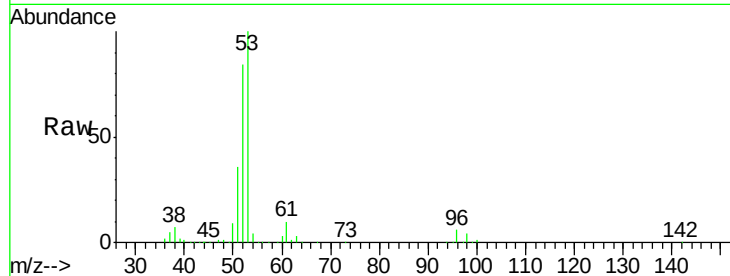
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	395713
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.6	100.0
51	35.4	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 258.792 ug/l

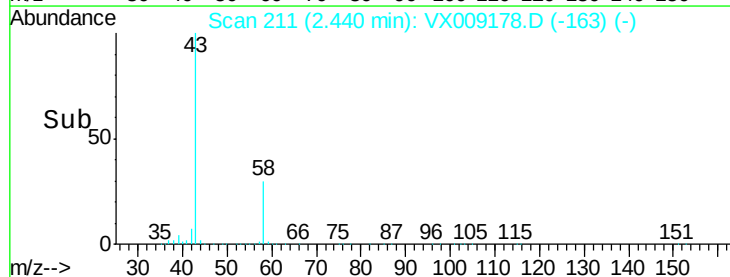
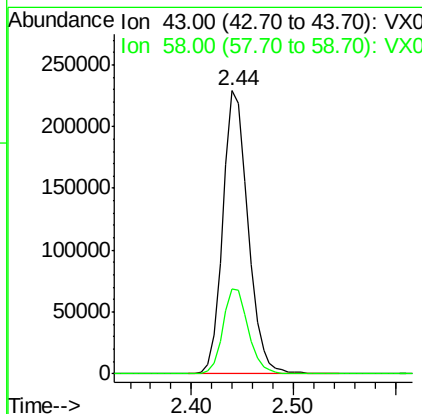
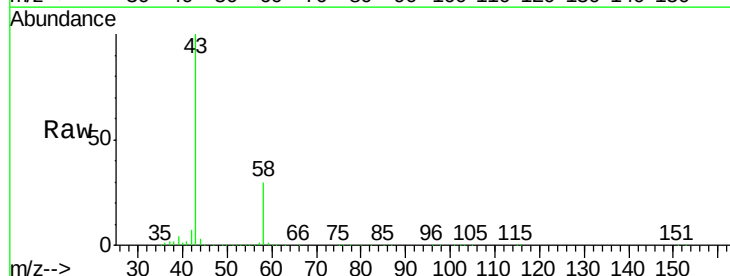
RT: 2.44 min Scan# 211

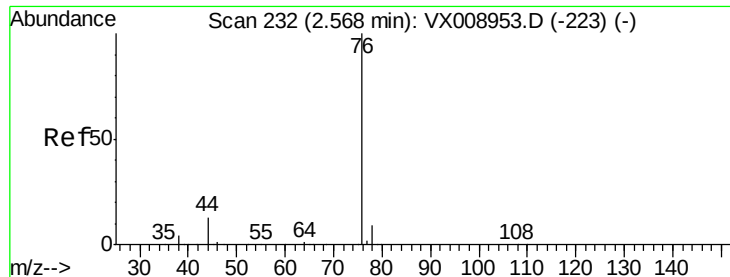
Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion:	43	Resp:	391049
Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.8	37.2





#17

Carbon Disulfide

Concen: 44.875 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 291532

Ion Ratio Lower Upper

76 100

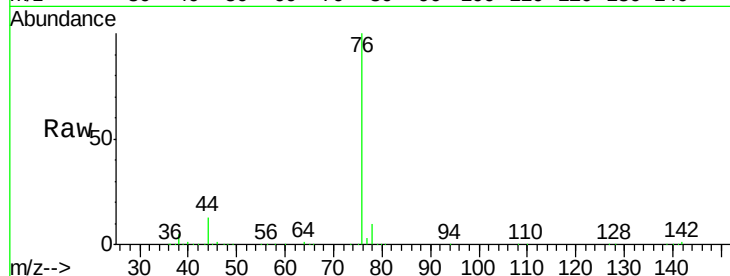
78 9.5 7.2 10.8

Manual Integrations

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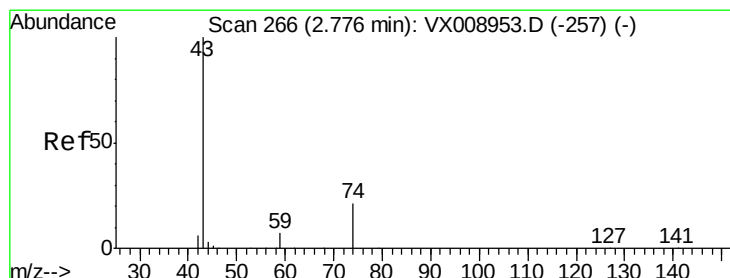
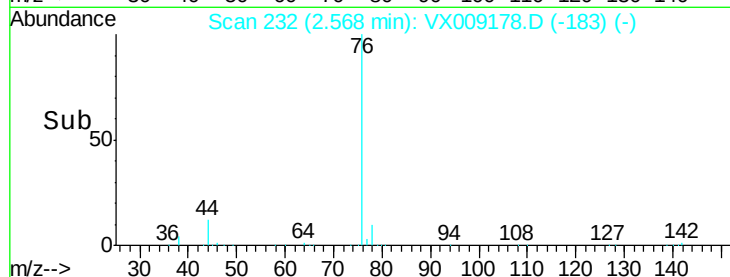
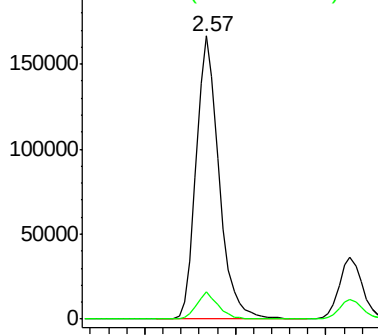
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.164 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009178.D

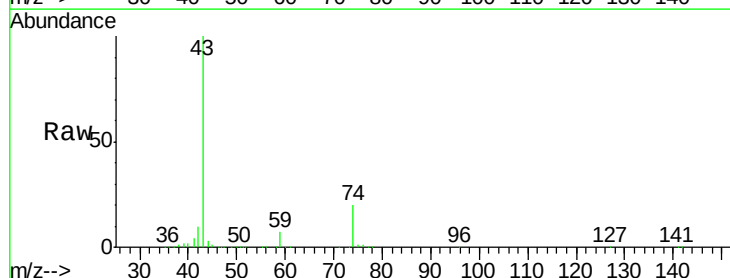
Acq: 26 Apr 2019 10:23

Tgt Ion: 43 Resp: 181637

Ion Ratio Lower Upper

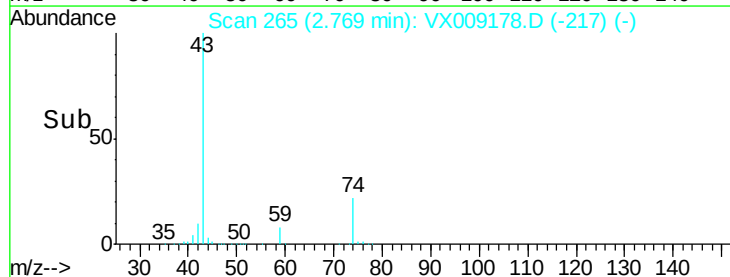
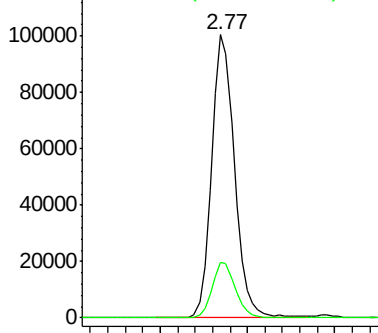
43 100

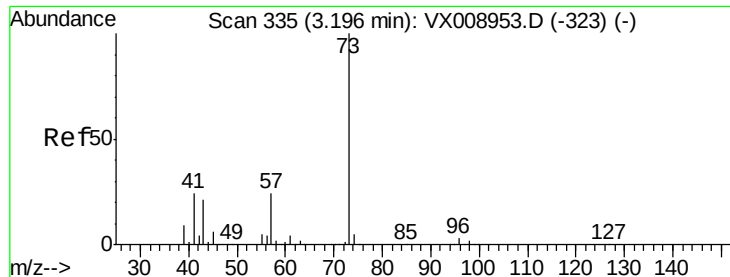
74 20.4 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

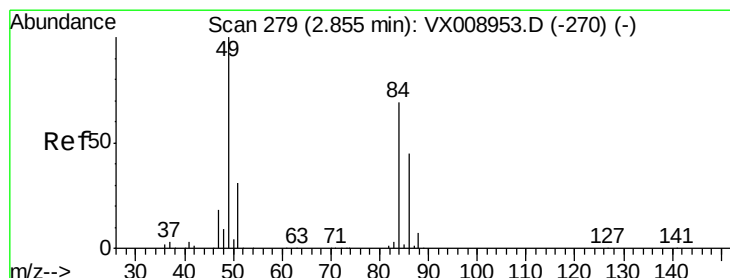
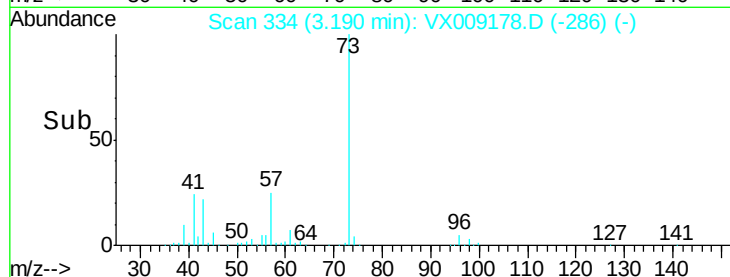
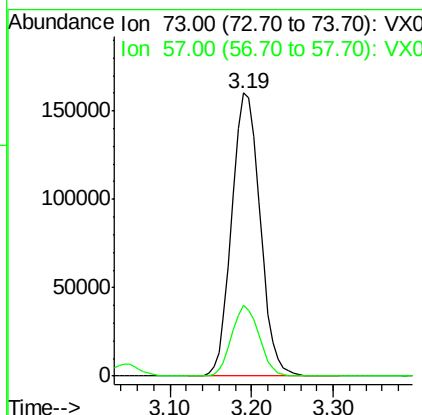
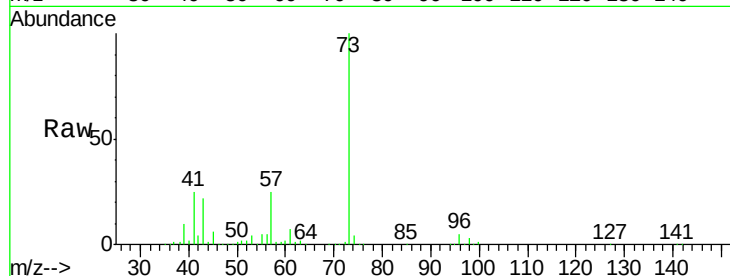
Methyl tert-butyl Ether
 Concen: 48.626 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.0	19.2	28.8

Manual Integrations
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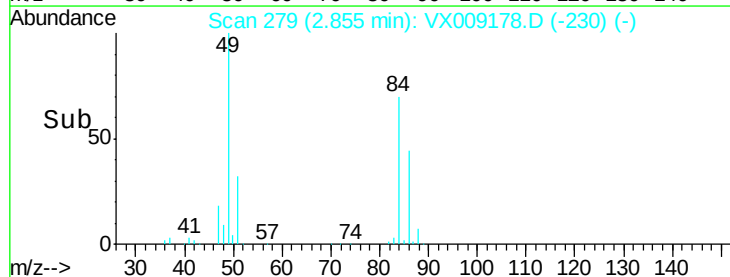
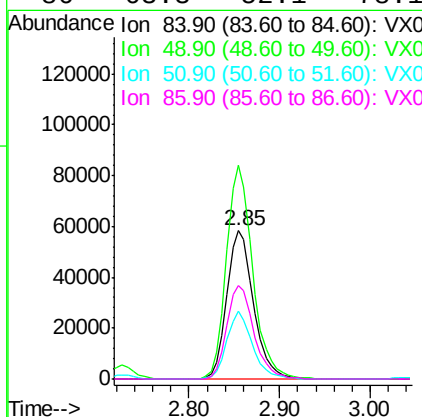
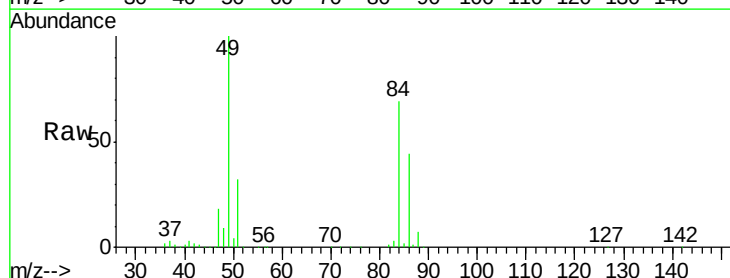
MMDadoda
 4/29/2019 11:25:00 AM

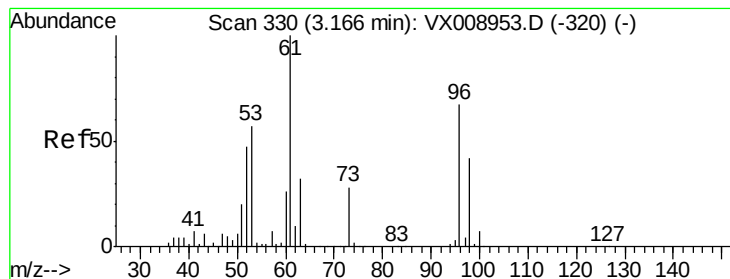


#20

Methylene Chloride
 Concen: 46.106 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.8	115.4	173.0
51	45.5	35.8	53.6
86	63.3	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 45.734 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

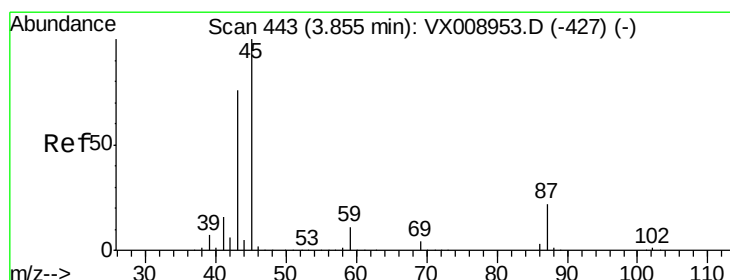
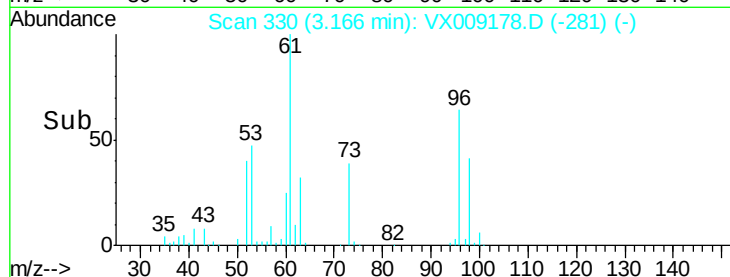
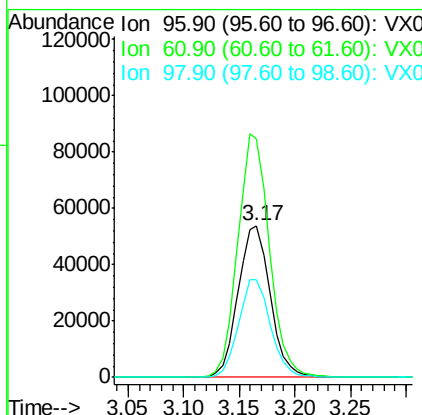
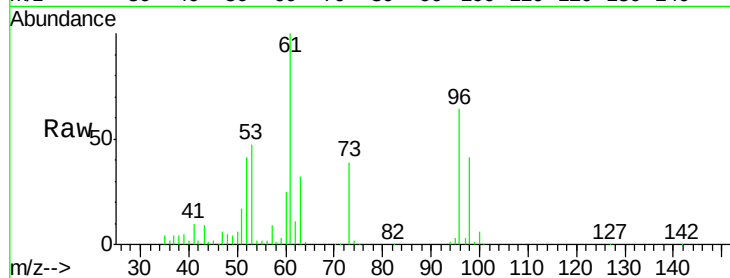
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	108161
Ion	Ratio	Lower	Upper
96	100		
61	157.0	120.3	180.5
98	64.0	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.151 ug/l

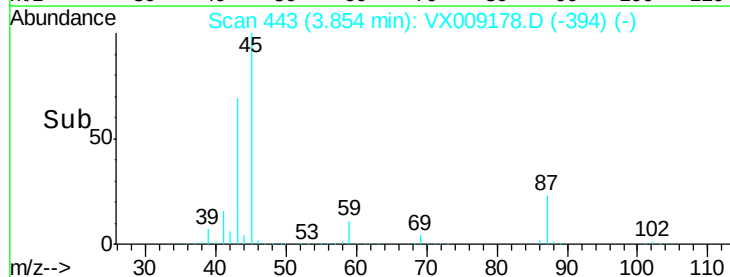
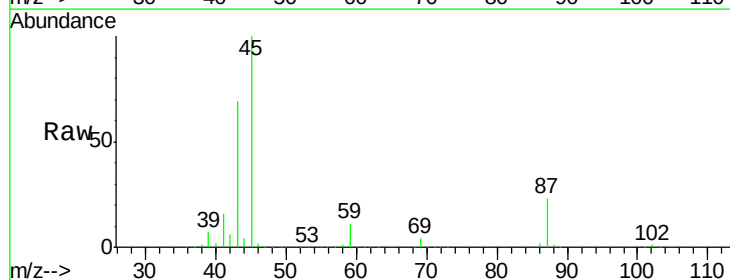
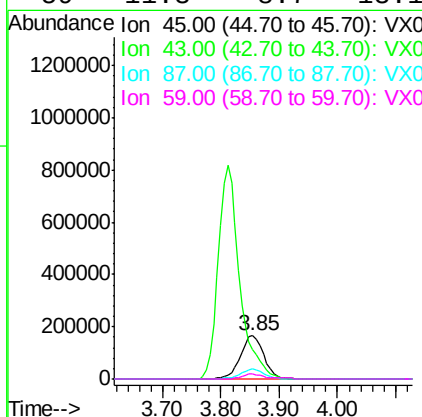
RT: 3.85 min Scan# 443

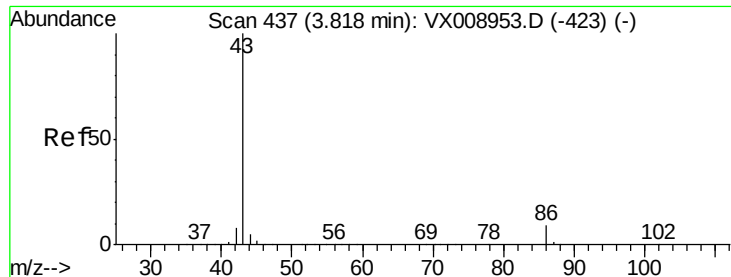
Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion:	45	Resp:	462013
Ion	Ratio	Lower	Upper
45	100		
43	68.7	60.6	91.0
87	23.3	17.8	26.8
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 252.435 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2085847

Ion Ratio Lower Upper

43 100

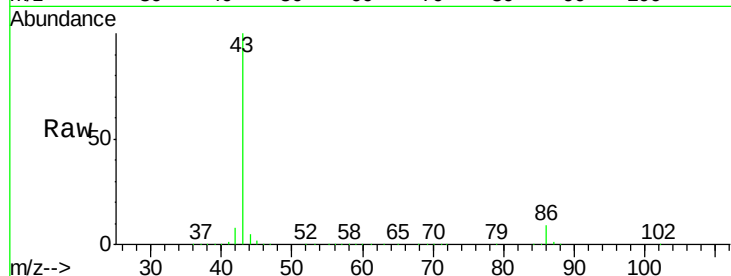
86 8.6 7.1 10.7

Manual Integrations

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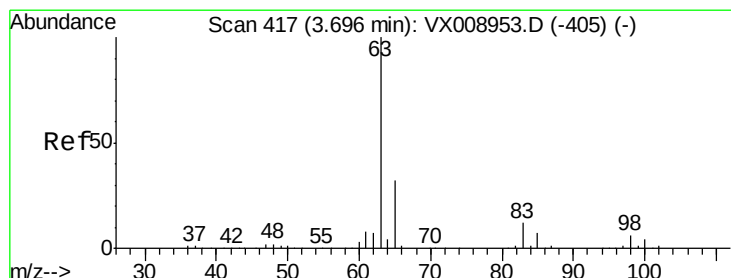
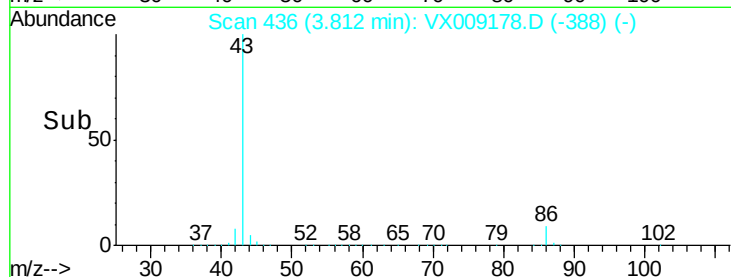
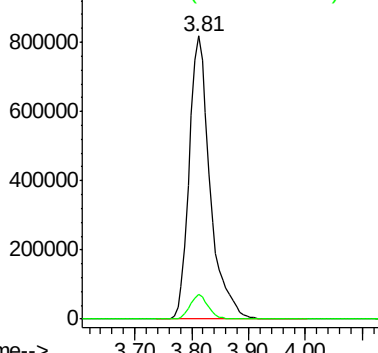
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.882 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

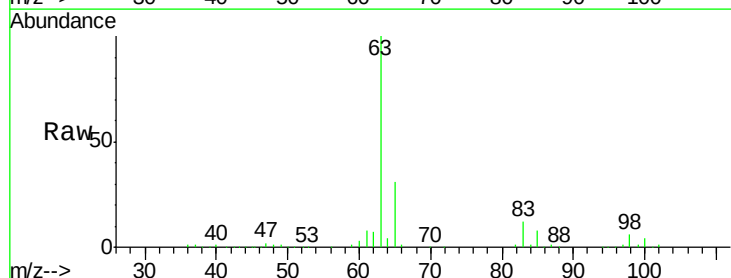
Tgt Ion: 63 Resp: 225937

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

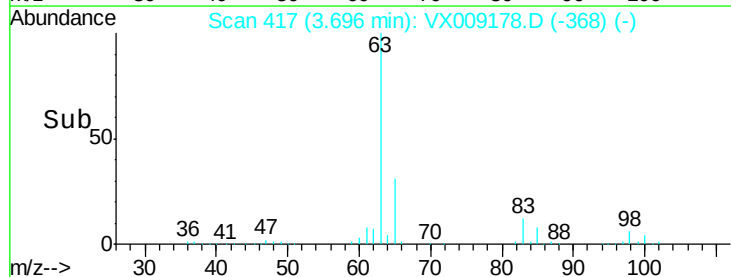
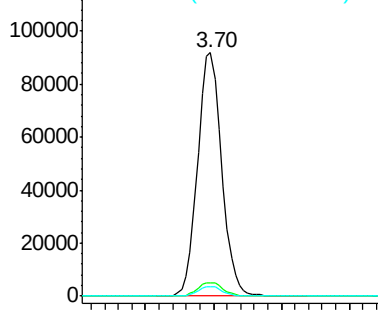
100 3.6 1.9 5.7

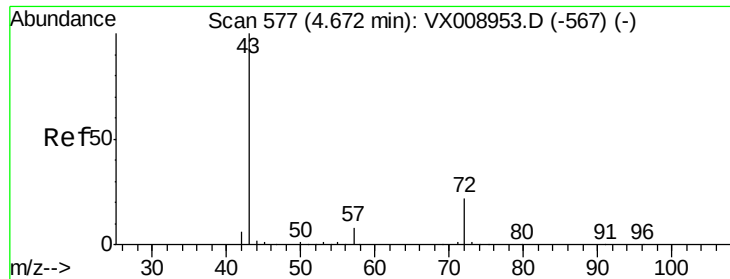


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 251.828 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 608246

Ion Ratio Lower Upper

43 100

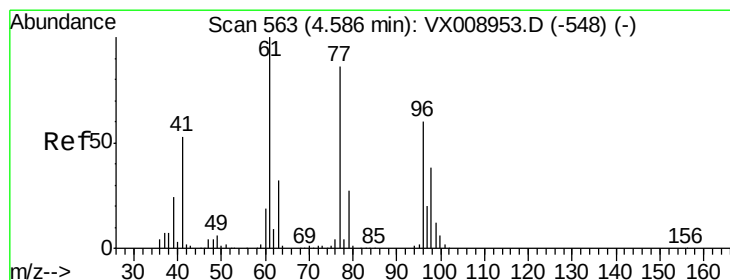
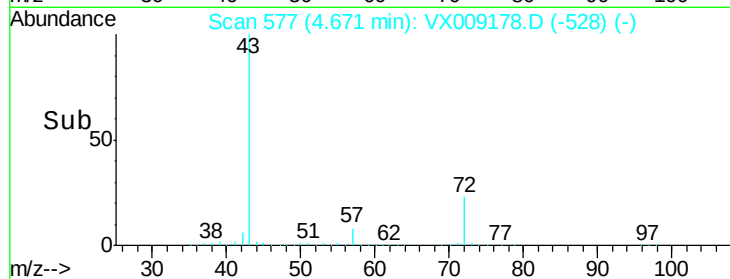
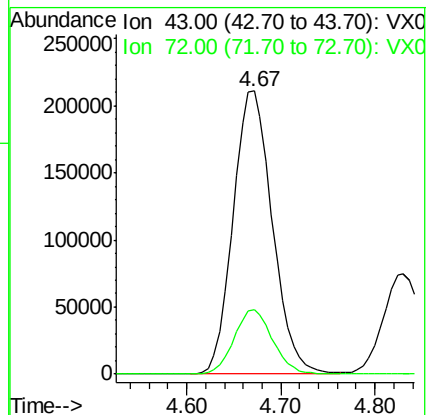
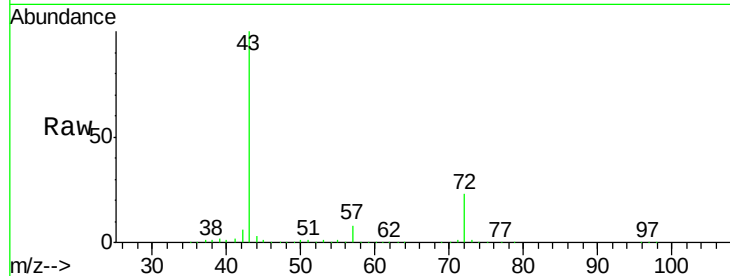
72 22.6 17.5 26.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.963 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009178.D

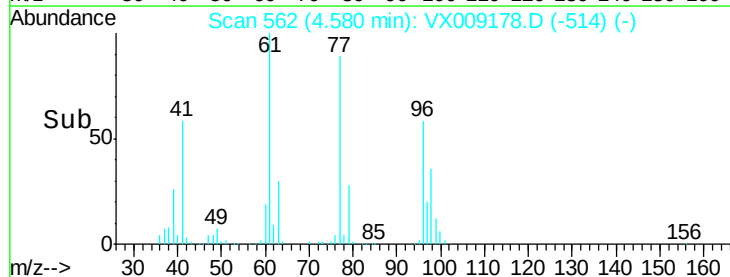
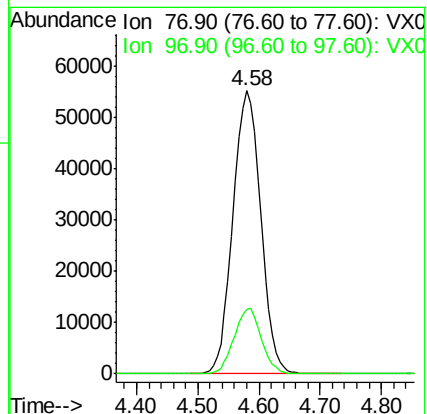
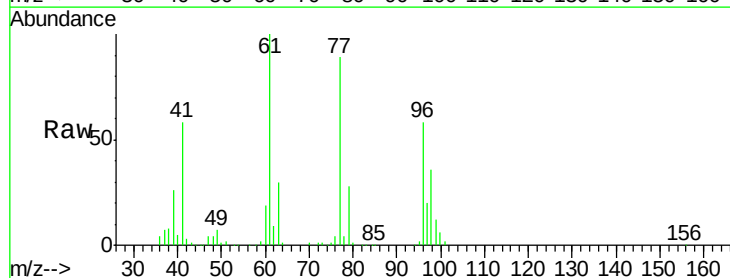
Acq: 26 Apr 2019 10:23

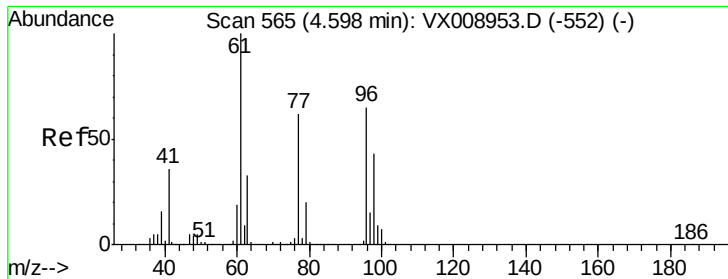
Tgt Ion: 77 Resp: 173184

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0





#27

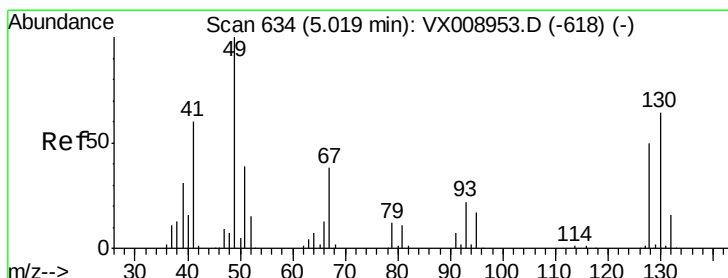
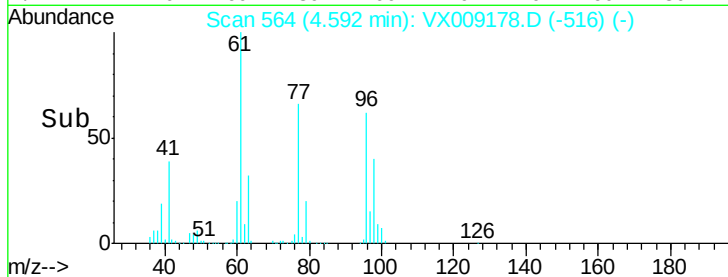
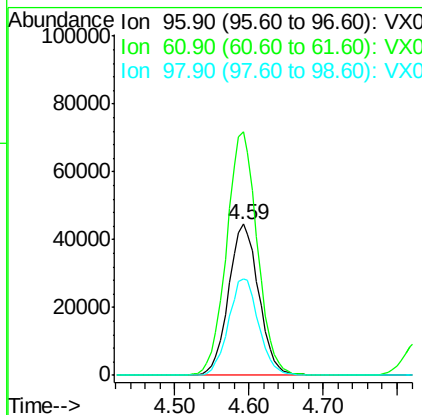
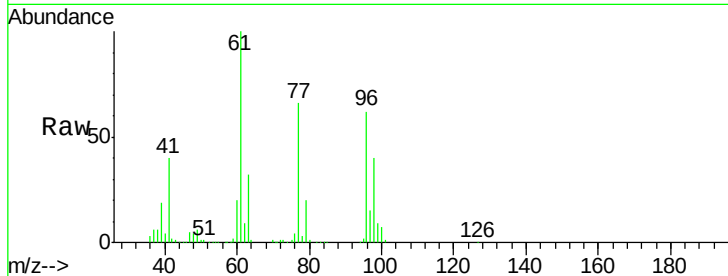
cis-1,2-Dichloroethene
 Concen: 47.216 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	126780		
61	164.1	0.0	322.0	
98	64.3	0.0	128.4	

Manual Integrations
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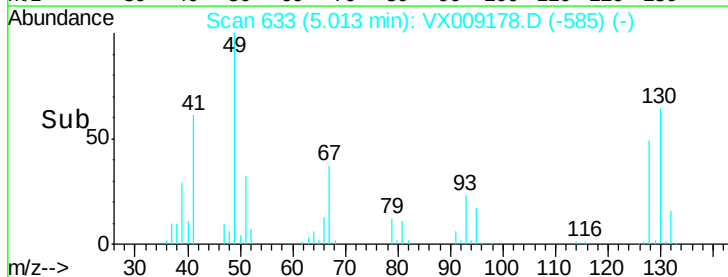
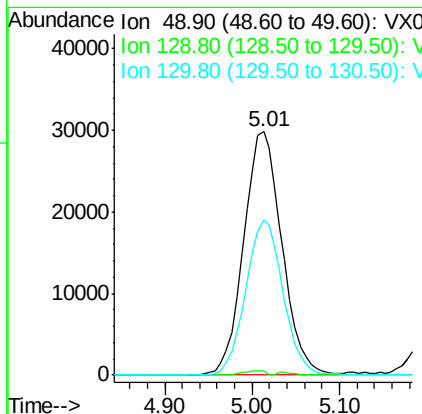
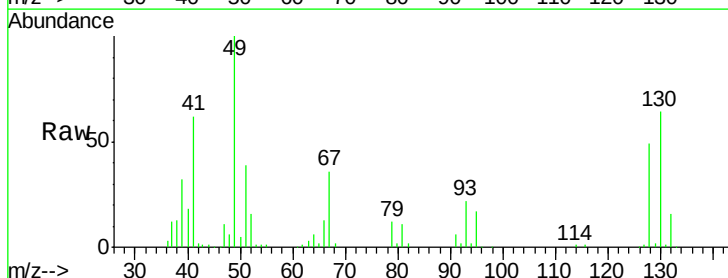
MMDadoda
 4/29/2019 11:25:00 AM

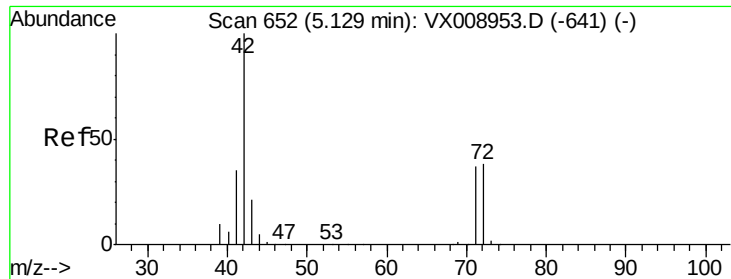


#28

Bromochloromethane
 Concen: 46.041 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	90536		
129	1.1	0.0	3.6	
130	62.2	50.4	75.6	





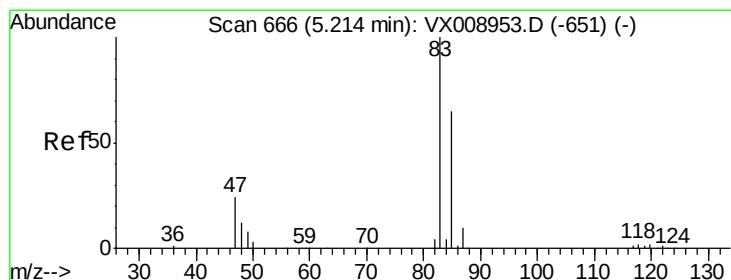
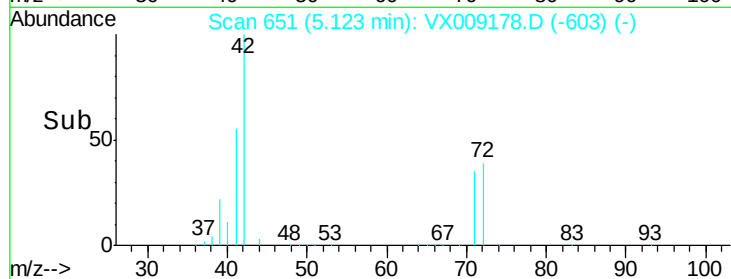
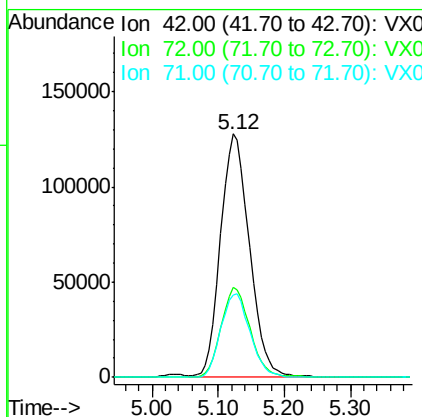
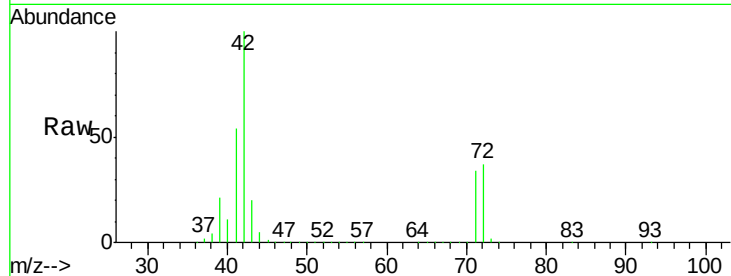
#29
Tetrahydrofuran
Concen: 238.608 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.4	30.6	45.8
71	35.0	28.8	43.2

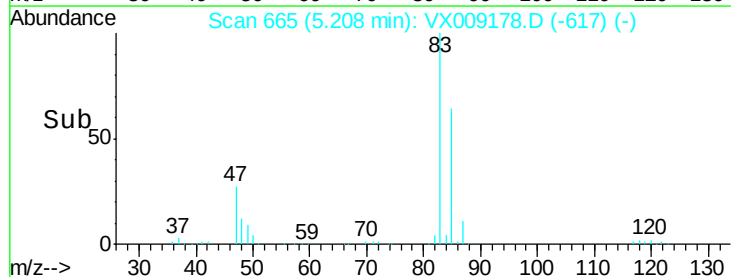
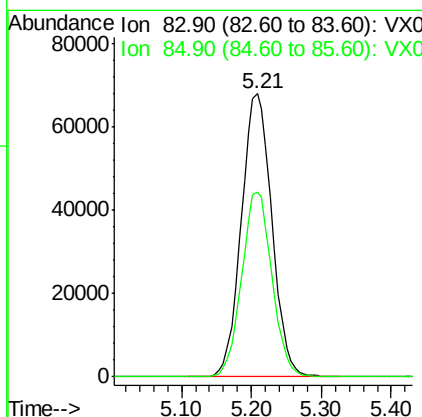
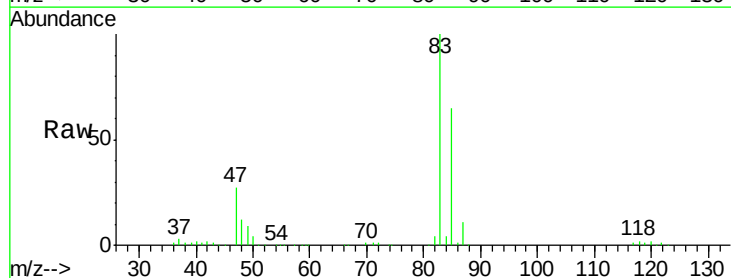
Manual Integrations
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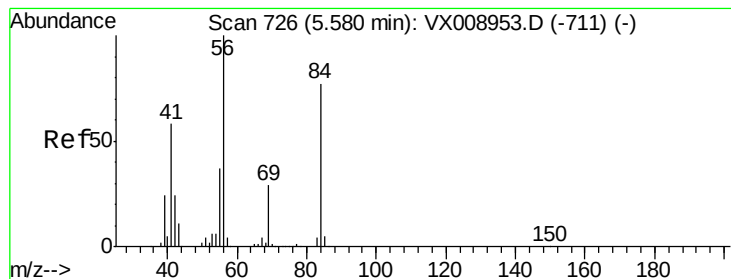
MMDadoda
4/29/2019 11:25:00 AM



#30
Chloroform
Concen: 48.795 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





#31

Cyclohexane

Concen: 47.907 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

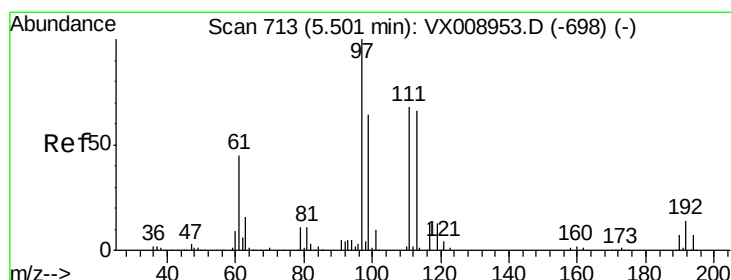
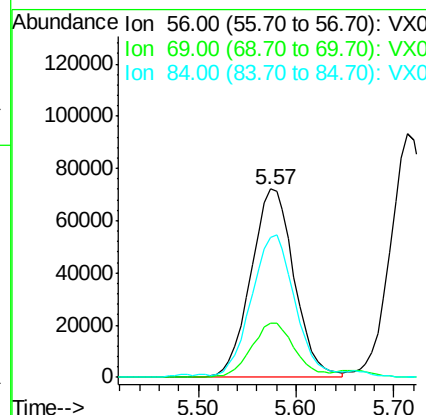
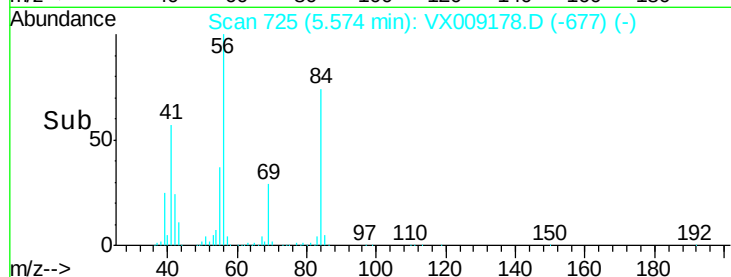
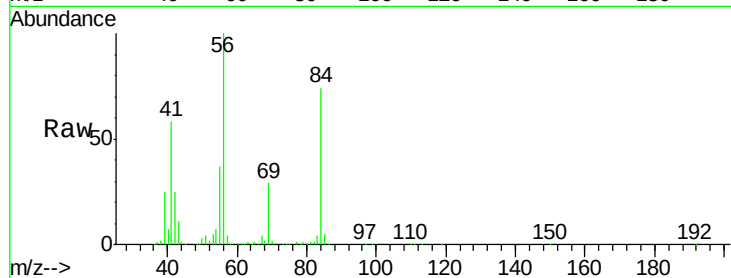
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.3	34.9
84	73.1	61.7	92.5

Manual Integrations
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4/29/2019 11:25:00 AM



#32

1,1,1-Trichloroethane

Concen: 48.309 ug/l

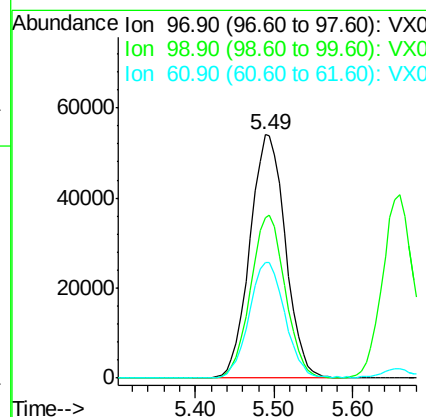
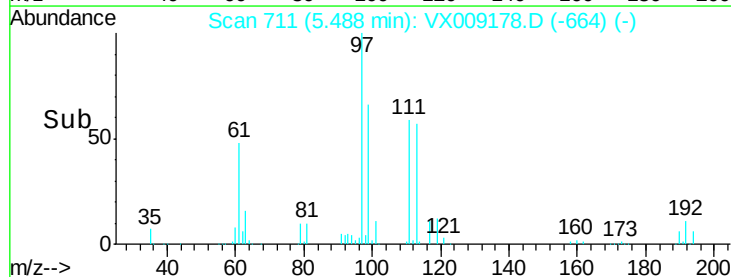
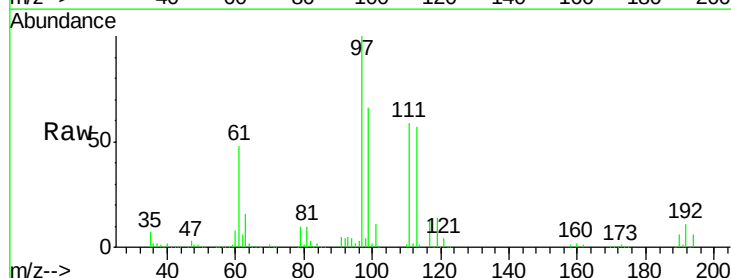
RT: 5.49 min Scan# 711

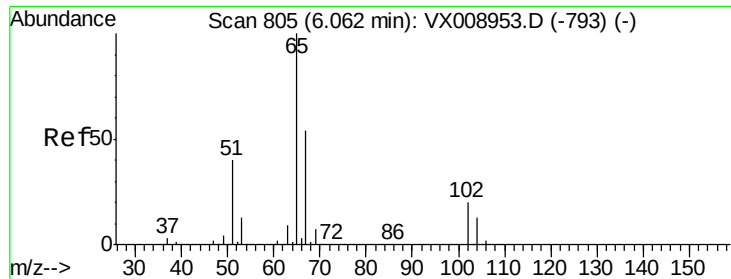
Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	48.2	37.9	56.9





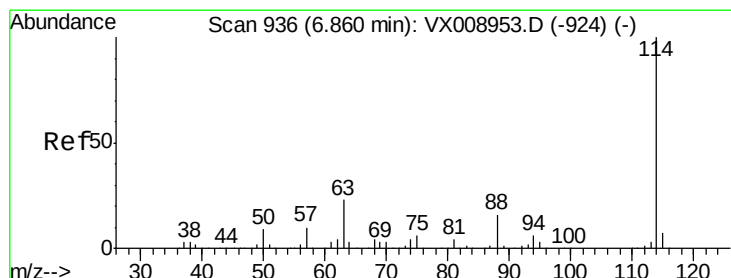
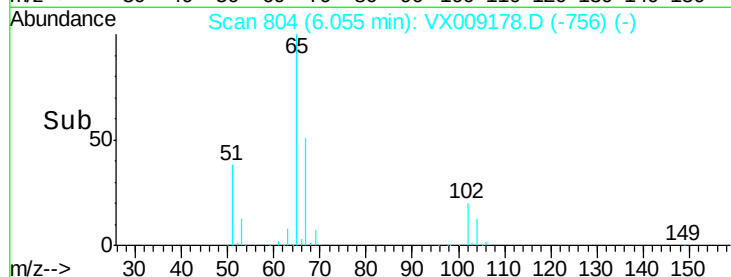
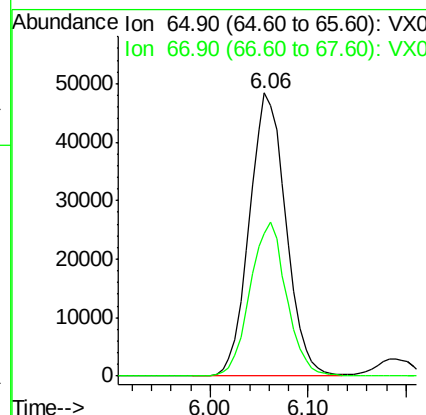
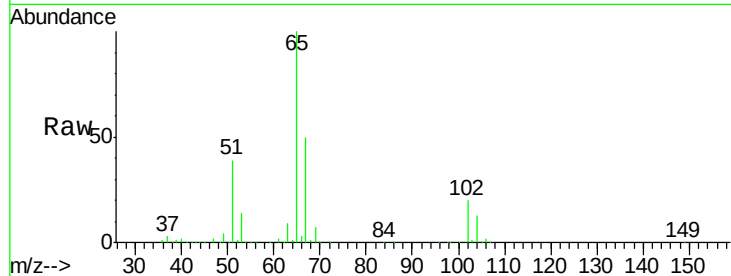
#33
 1,2-Dichloroethane-d4
 Concen: 43.201 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.6

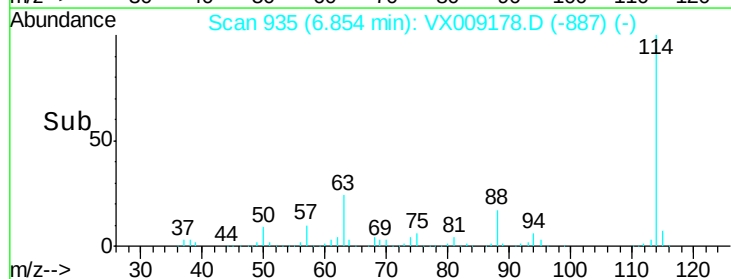
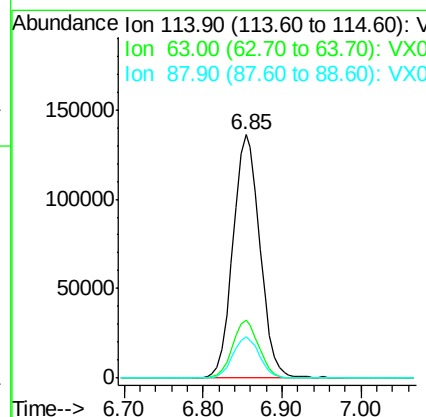
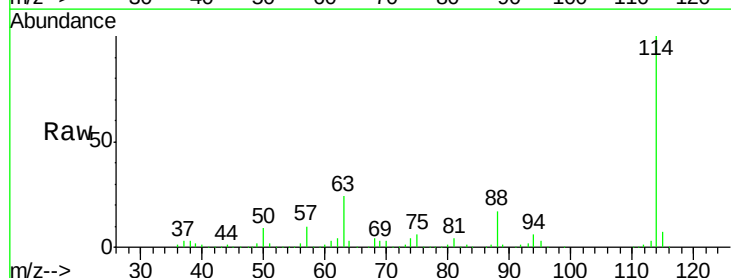
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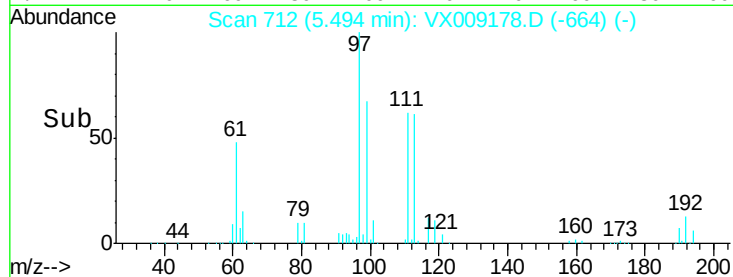
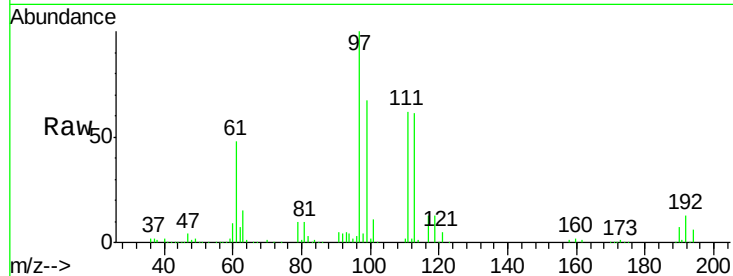
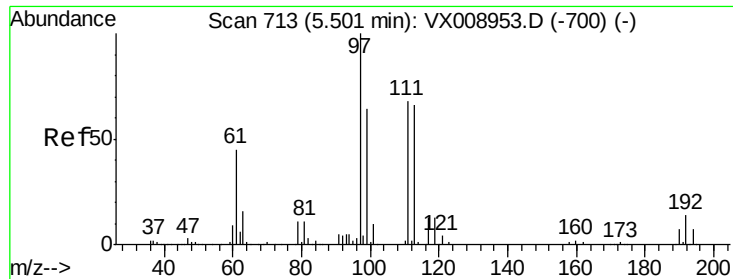
MMDadoda
 4/29/2019 11:25:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	46.0
88	16.9	0.0	32.6





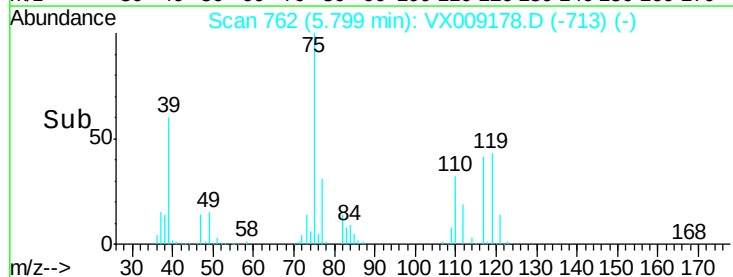
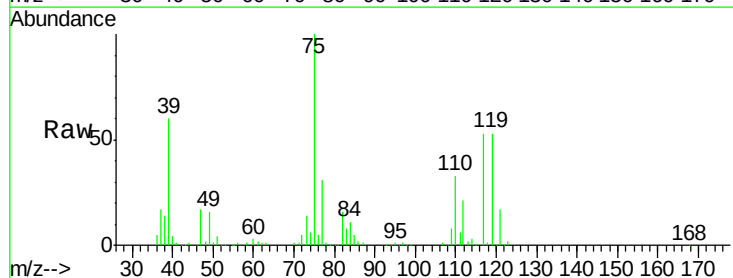
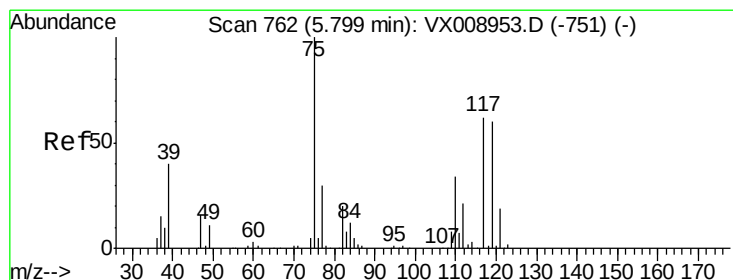
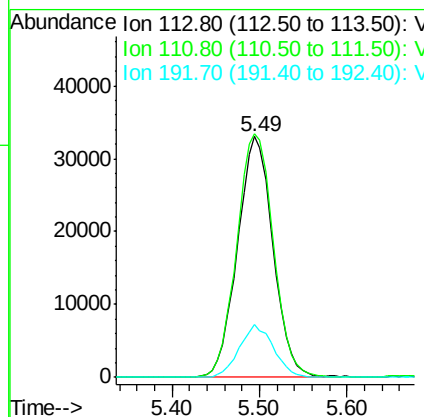
#35
Dibromofluoromethane
Concen: 44.978 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	21.2	17.4	26.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

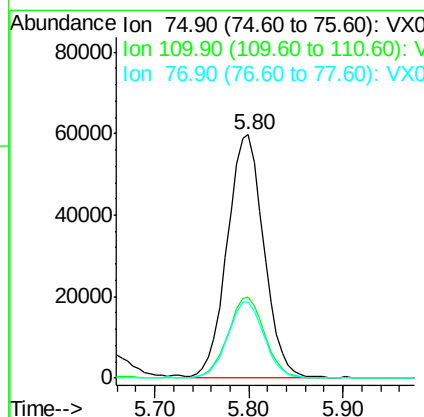
Manual Integrations
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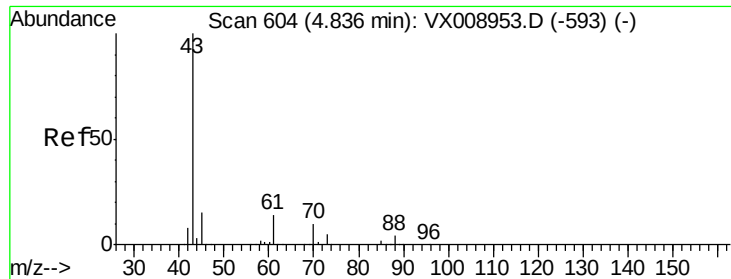
MMDadoda
4/29/2019 11:25:00 AM



#36
1,1-Dichloropropene
Concen: 47.992 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.7
77	31.1	25.0	37.4





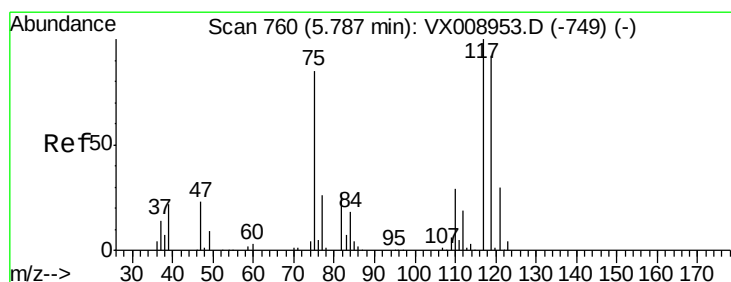
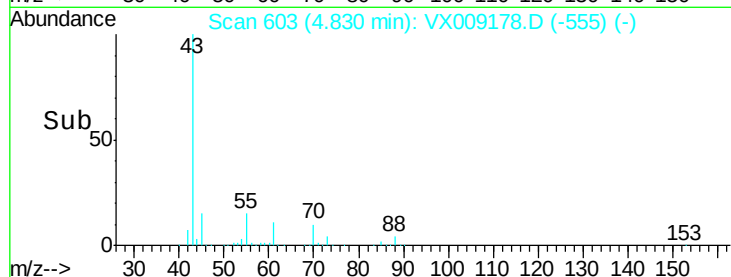
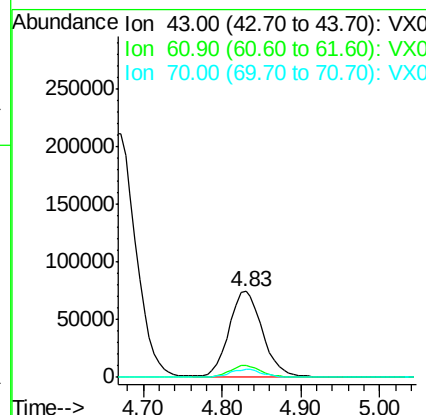
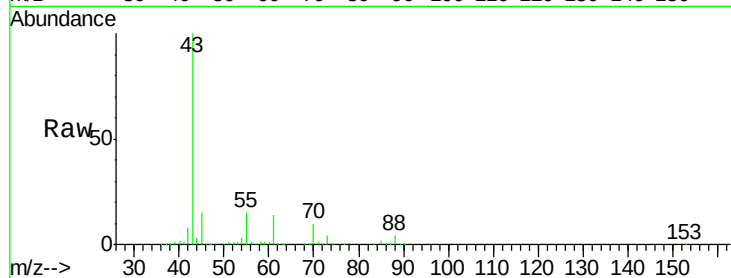
#37
Ethyl Acetate
Concen: 51.176 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	15.8
70	9.3	7.7	11.5

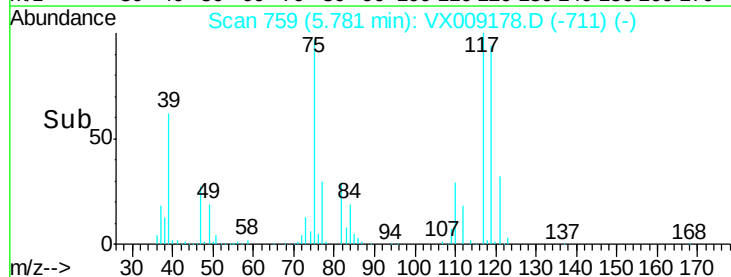
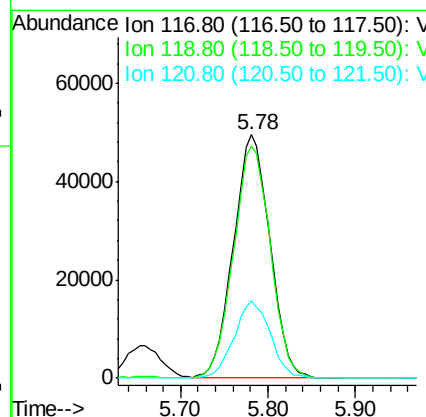
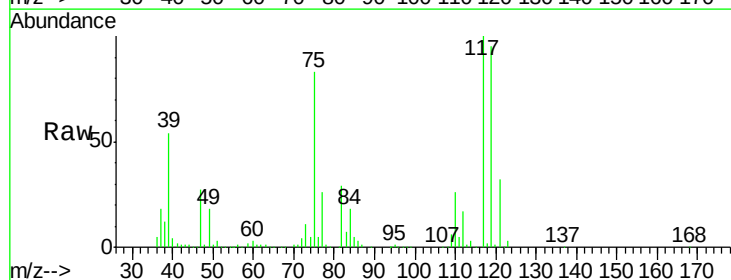
Manual Integrations
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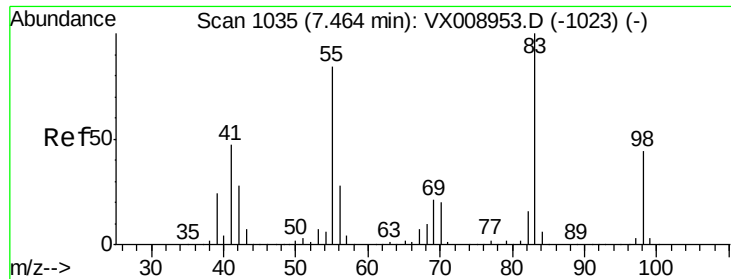
MMDadoda
4/29/2019 11:25:00 AM



#38
Carbon Tetrachloride
Concen: 50.586 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.8	110.8
121	32.0	23.6	35.4





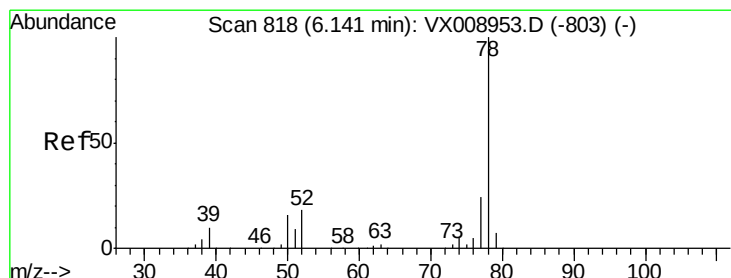
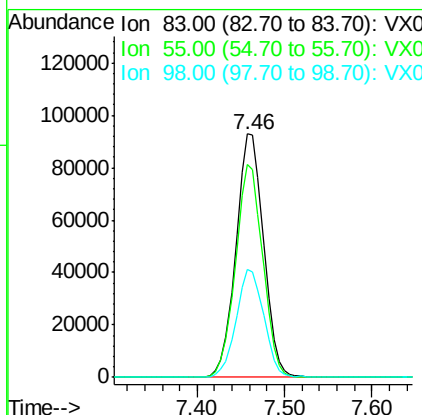
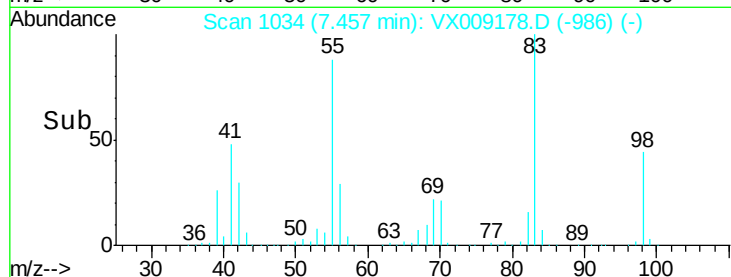
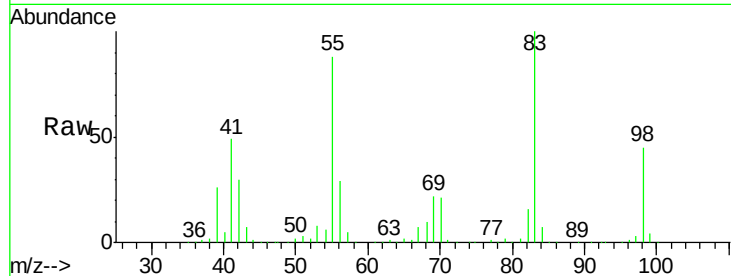
#39
Methylvlcyclohexane
Concen: 50.250 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.5	67.1	100.7
98	44.5	35.1	52.7

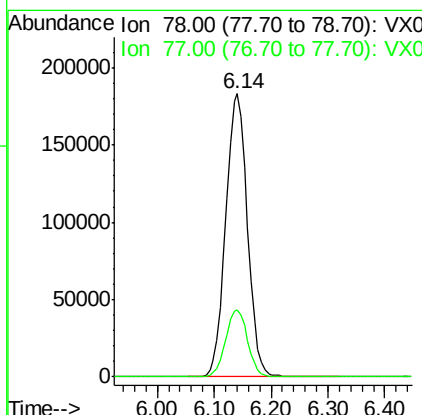
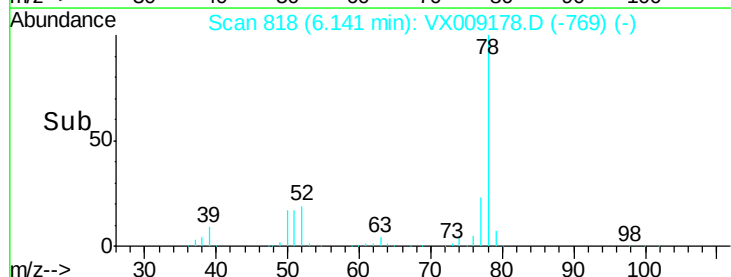
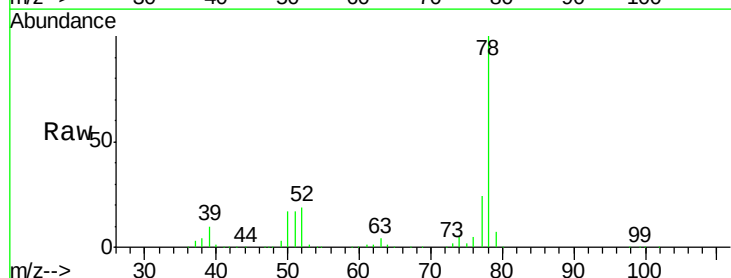
Manual Integrations
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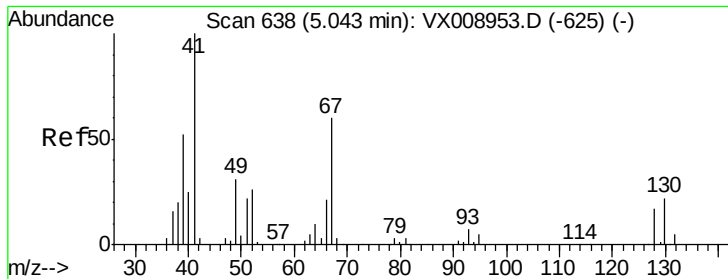
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#40
Benzene
Concen: 49.346 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41

Methacrylonitrile

Concen: 51.332 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

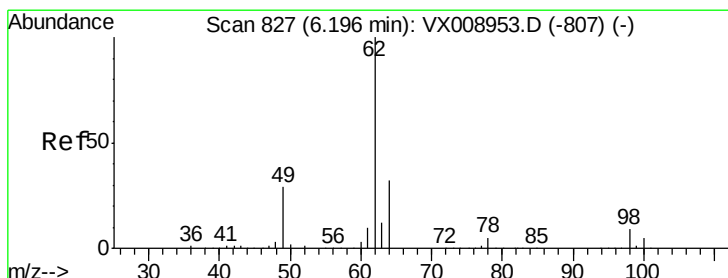
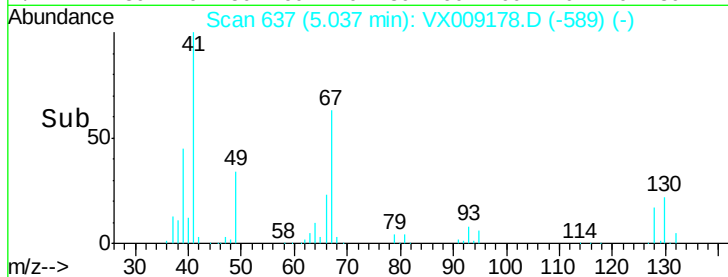
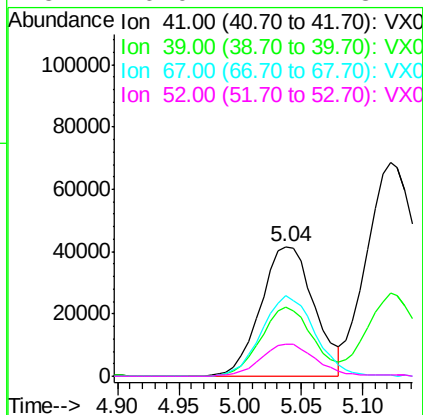
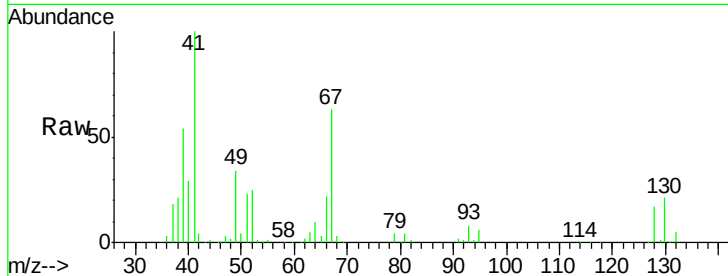
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	41.8	62.6	
67	62.6	50.2	75.4	
52	26.0	21.1	31.7	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.410 ug/l

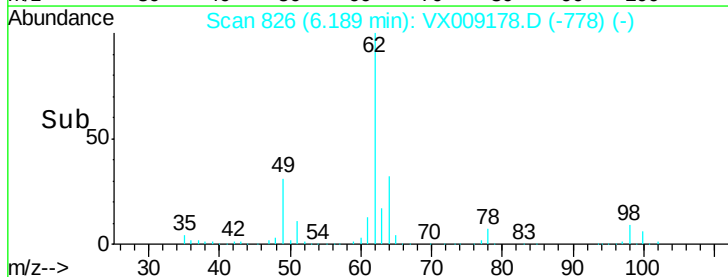
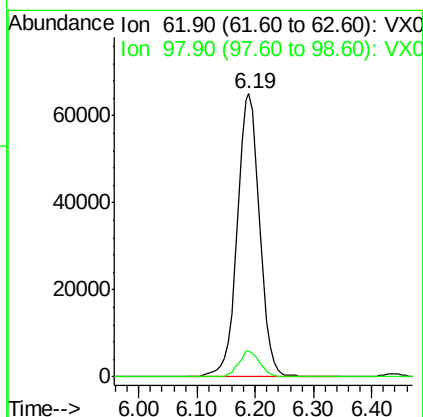
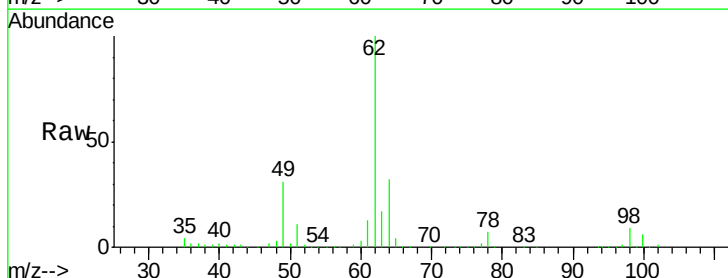
RT: 6.19 min Scan# 826

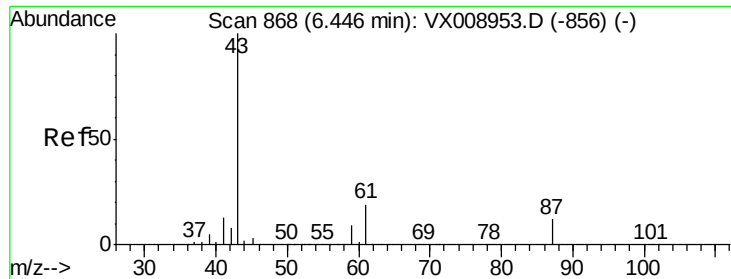
Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.4	





#43

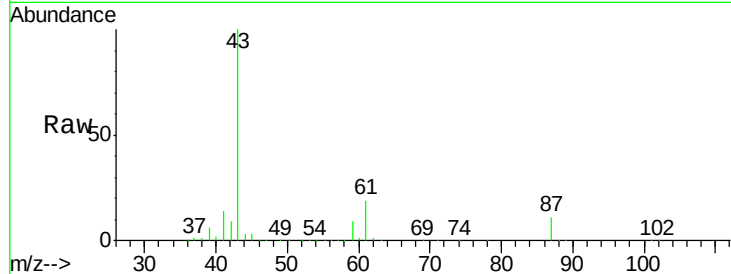
Isopropyl Acetate
 Concen: 50.458 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

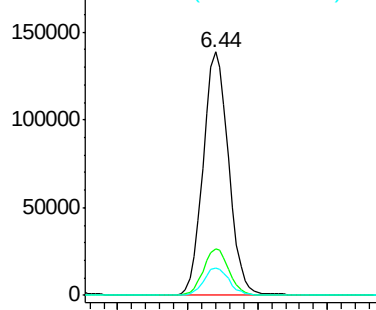
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	11.2	9.0	13.4

Manual Integrations
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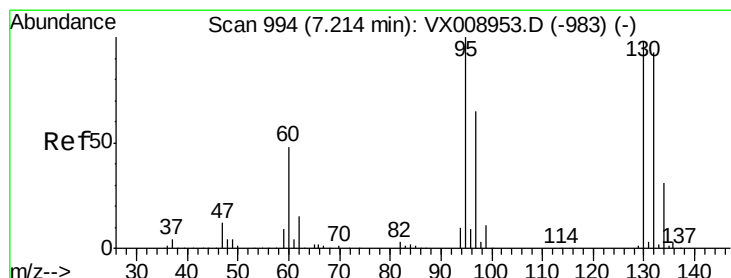
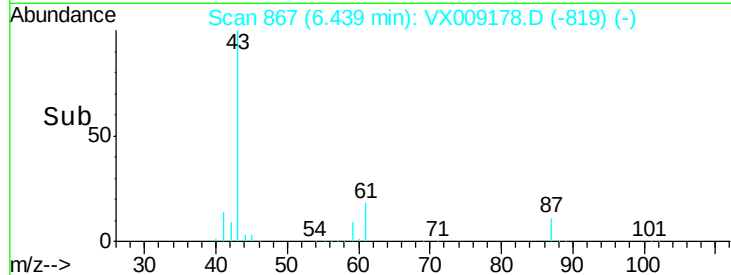
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Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



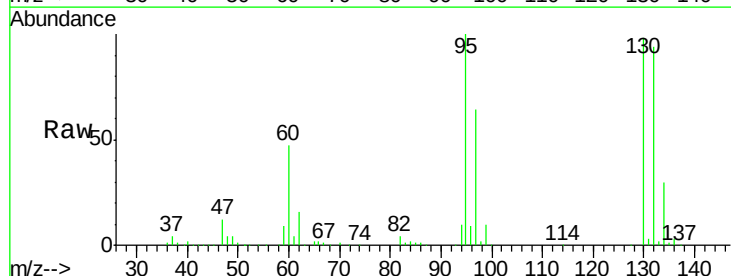
Time-->



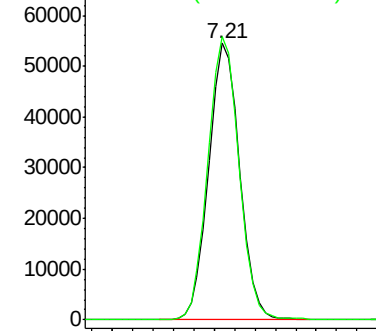
#44

Trichloroethene
 Concen: 47.590 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

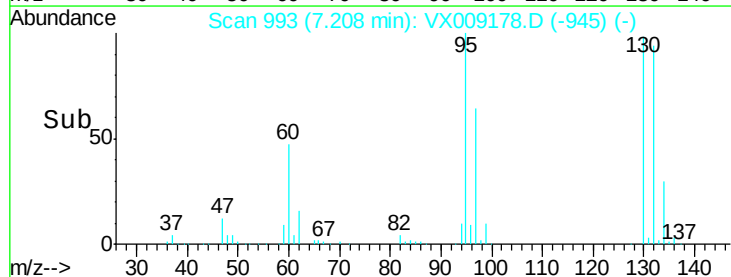
Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	203.2

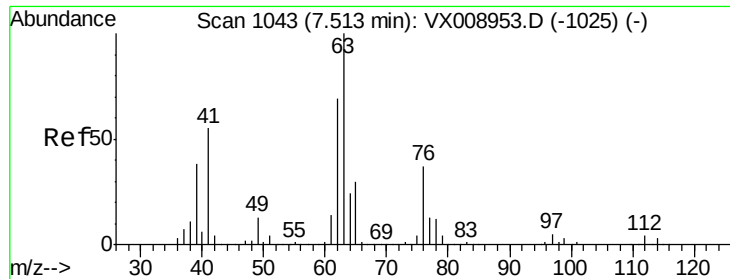


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->





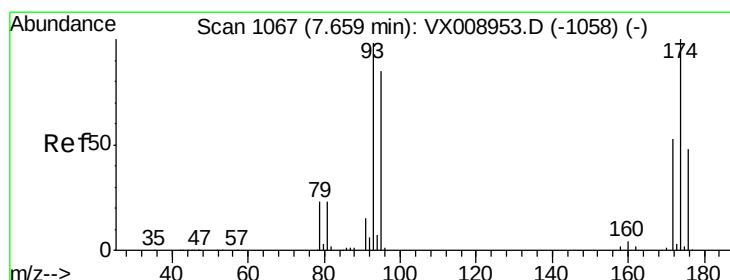
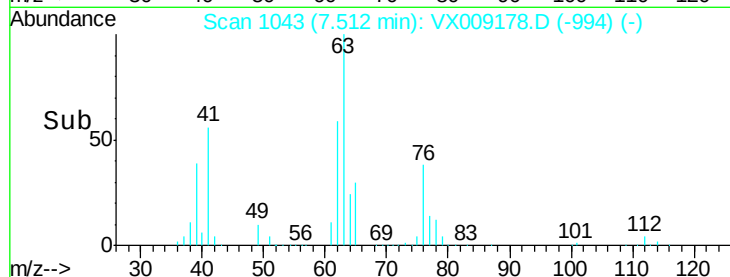
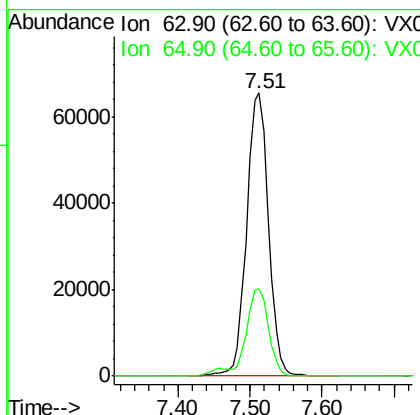
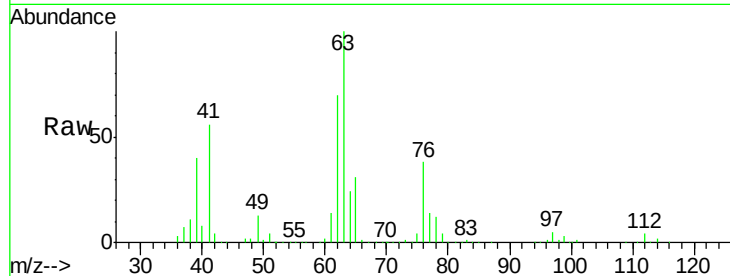
#45
 1,2-Dichloropropane
 Concen: 50.362 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.1	36.1

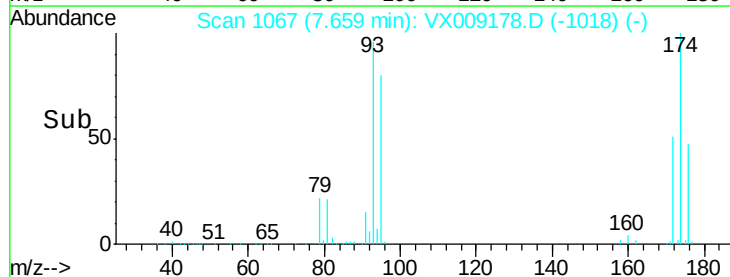
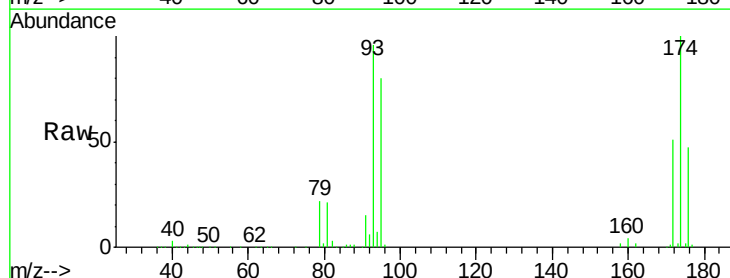
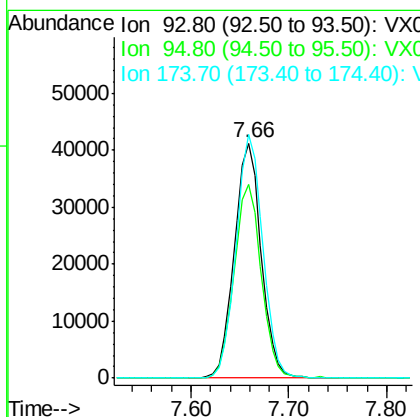
Manual Integrations
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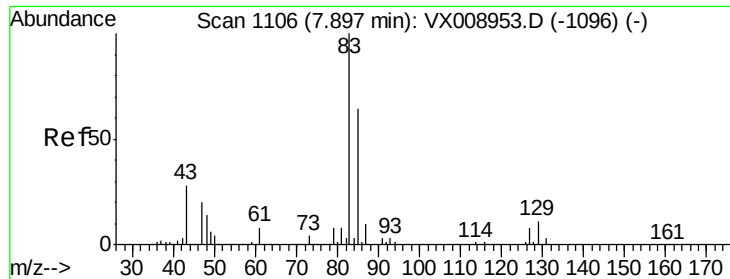
MMDadoda
 4/29/2019 11:25:00 AM



#46
 Dibromomethane
 Concen: 49.316 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.0	100.4
174	103.4	81.6	122.4





#47

Bromodichloromethane

Concen: 51.402 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

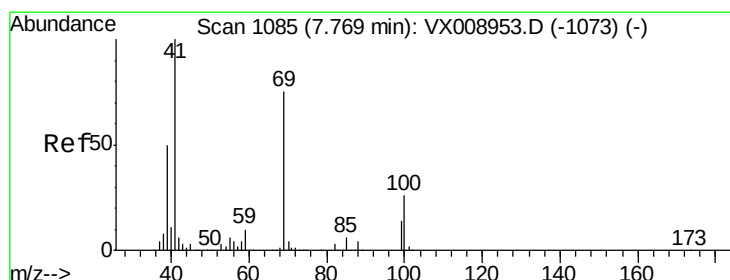
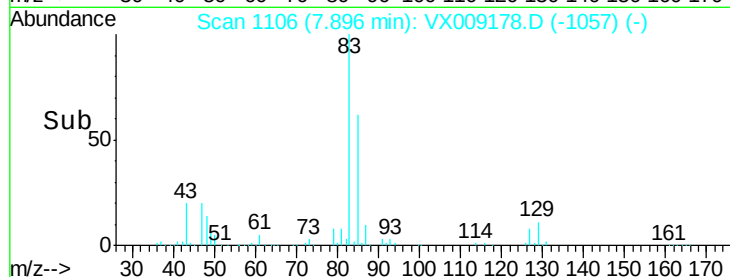
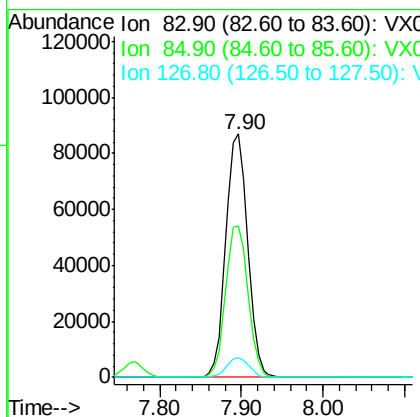
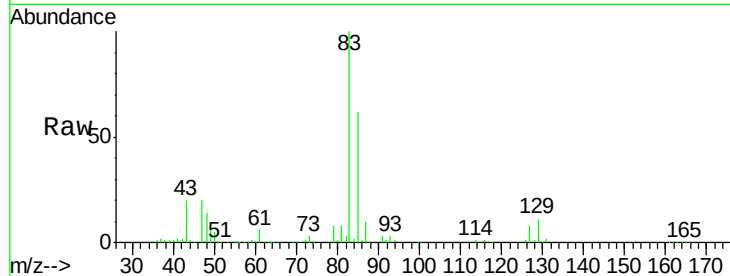
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	160542
Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.8	76.2
127	8.1	6.4	9.6

Manual Integrations
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MMDadoda
4/29/2019 11:25:00 AM



#48

Methyl methacrylate

Concen: 51.682 ug/l

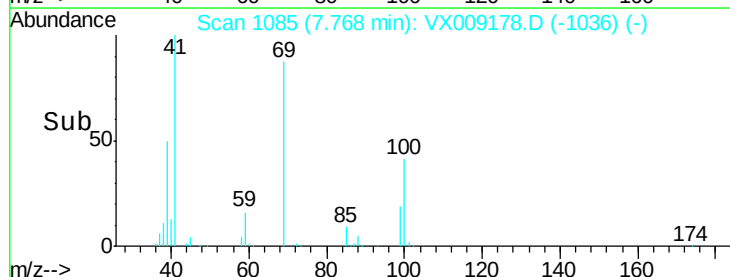
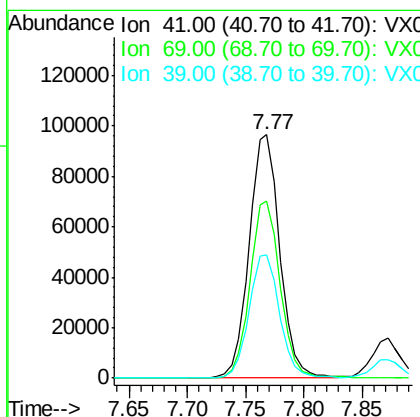
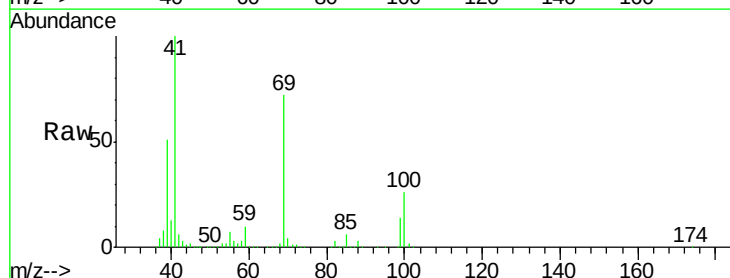
RT: 7.77 min Scan# 1085

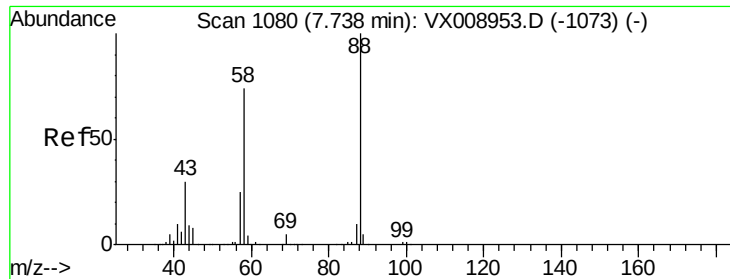
Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion:	41	Resp:	177038
Ion	Ratio	Lower	Upper
41	100		
69	72.5	59.4	89.2
39	50.6	39.8	59.6





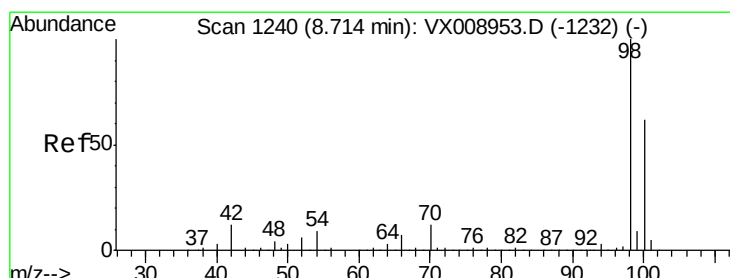
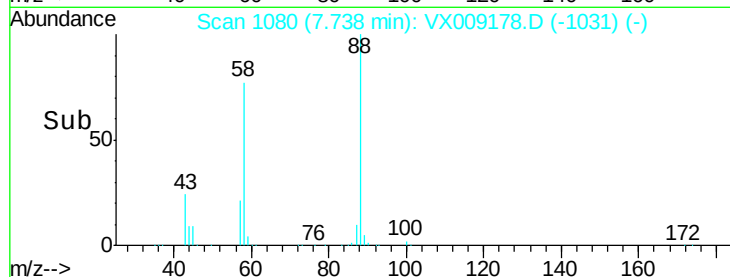
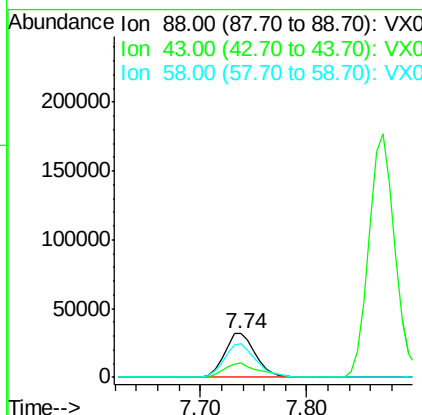
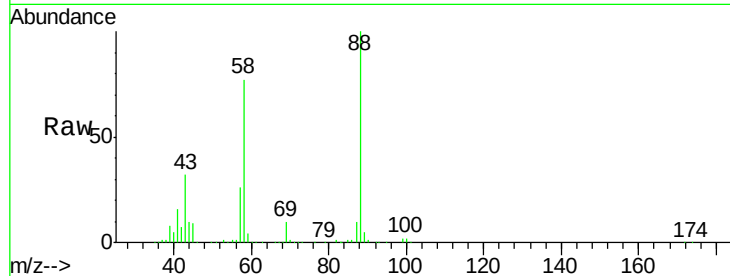
#49
1,4-Dioxane
Concen: 1010.760 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	29.3	43.9
58	79.5	62.6	93.8

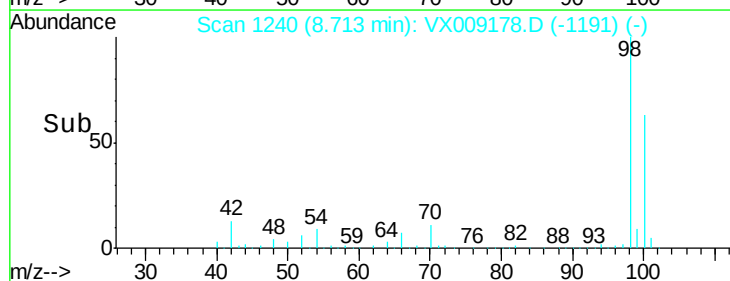
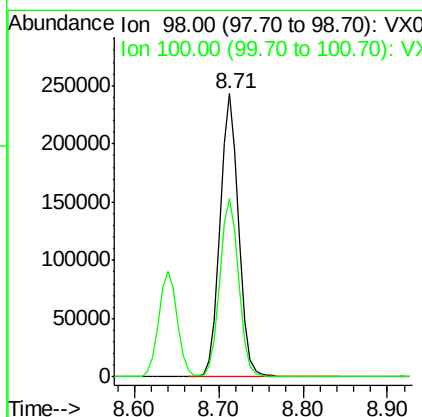
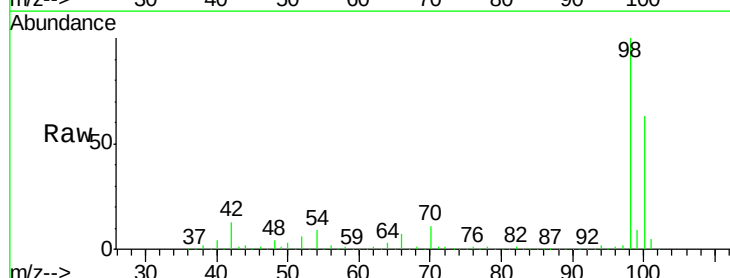
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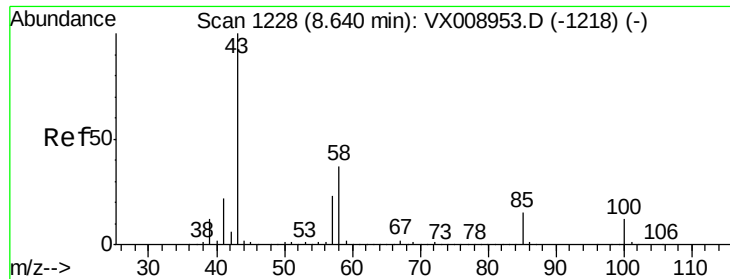
MMDadoda
4/29/2019 11:25:00 AM



#50
Toluene-d8
Concen: 44.845 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.2





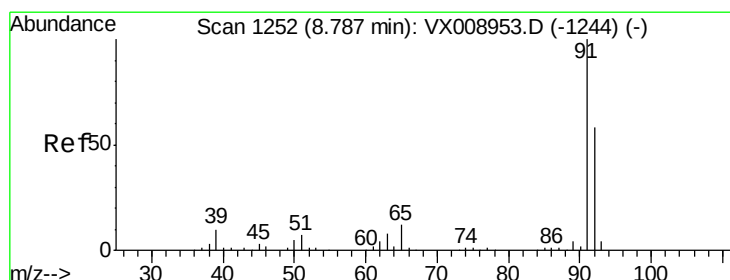
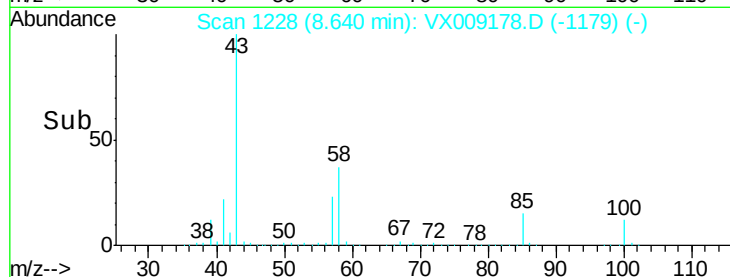
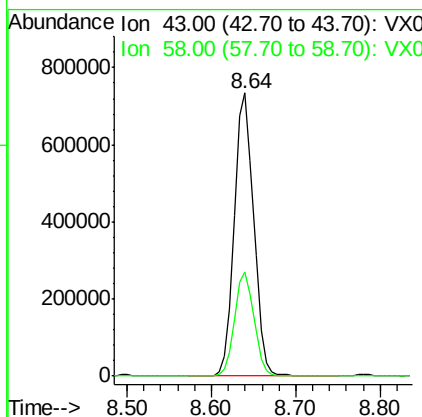
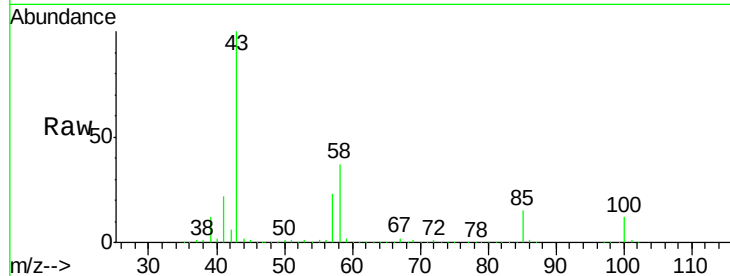
#51
4-Methyl-2-Pentanone
Concen: 258.941 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1143653
Ion Ratio Lower Upper
43 100
58 36.6 29.8 44.6

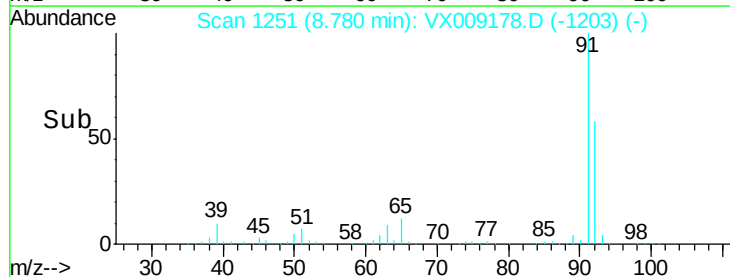
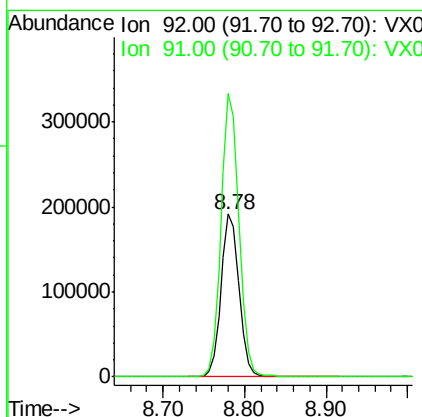
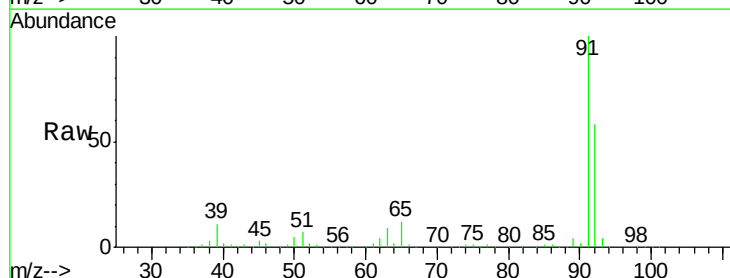
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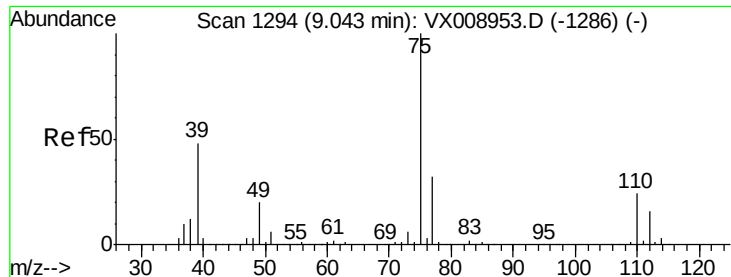
MMDadoda
4/29/2019 11:25:00 AM



#52
Toluene
Concen: 49.999 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion: 92 Resp: 295543
Ion Ratio Lower Upper
92 100
91 173.0 138.5 207.7





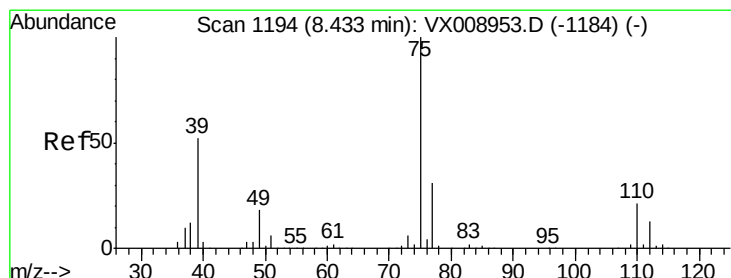
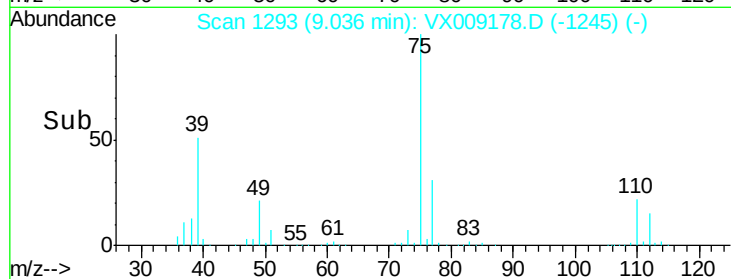
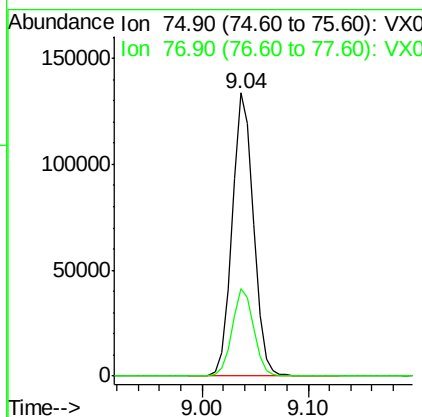
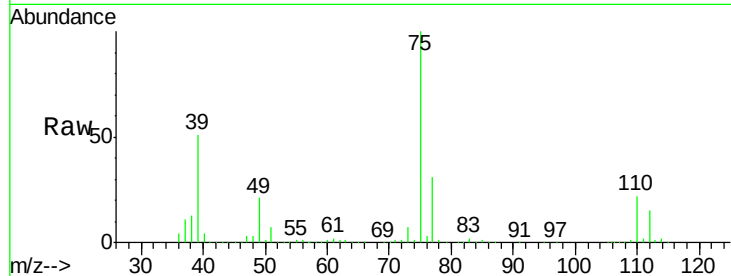
#53
t-1,3-Dichloropropene
Concen: 52.442 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.2

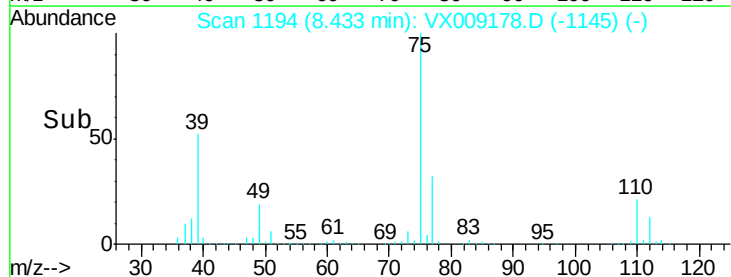
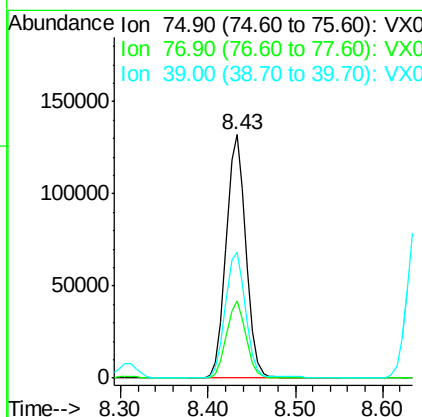
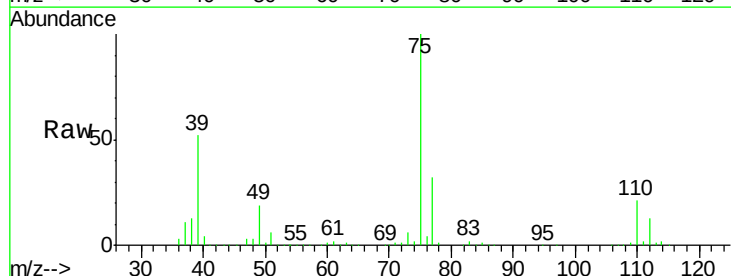
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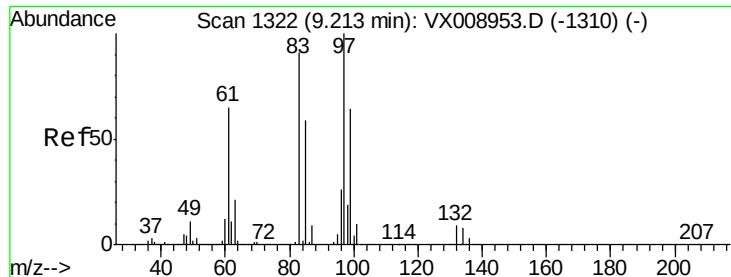
MMDadoda
4/29/2019 11:25:00 AM



#54
cis-1,3-Dichloropropene
Concen: 51.244 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	51.6	41.8	62.6





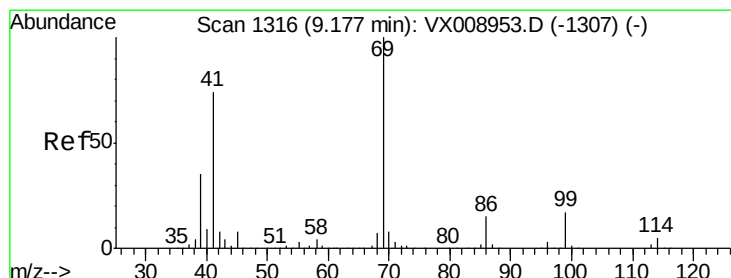
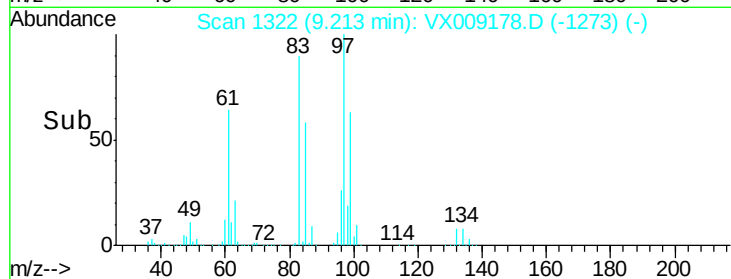
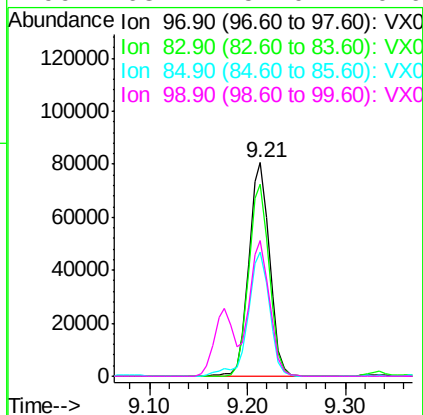
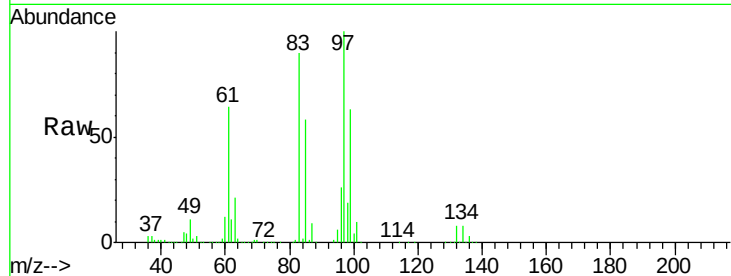
#55
 1,1,2-Trichloroethane
 Concen: 50.435 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	118153
Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.6	108.8
85	58.2	46.9	70.3
99	63.2	51.0	76.6

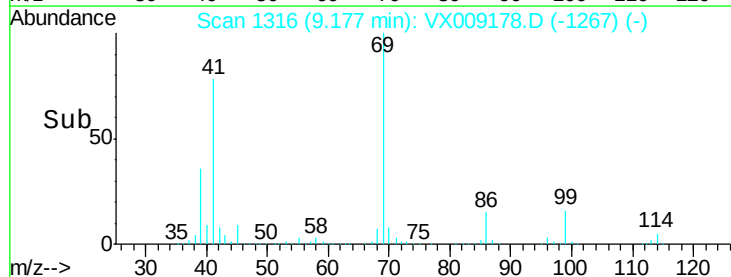
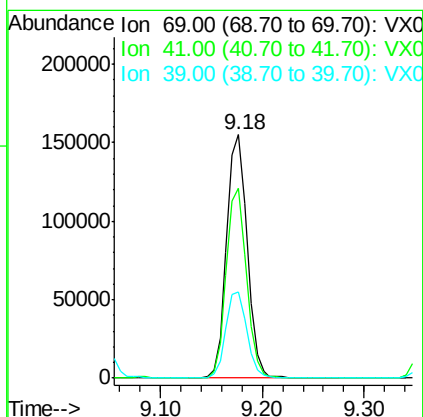
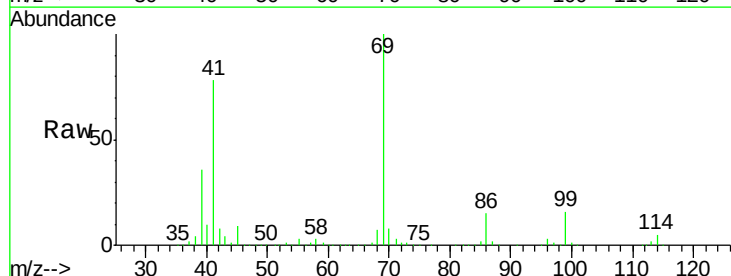
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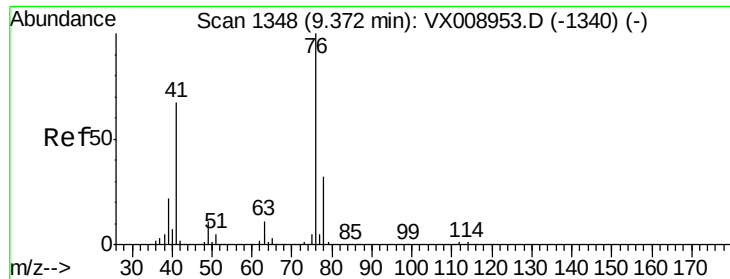
MMDadoda
 4/29/2019 11:25:00 AM



#56
 Ethyl methacrylate
 Concen: 51.760 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion:	69	Resp:	217425
Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.2	90.2
39	36.0	27.9	41.9





#57

1,3-Dichloropropane

Concen: 50.412 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 210278

Ion Ratio Lower Upper

76 100

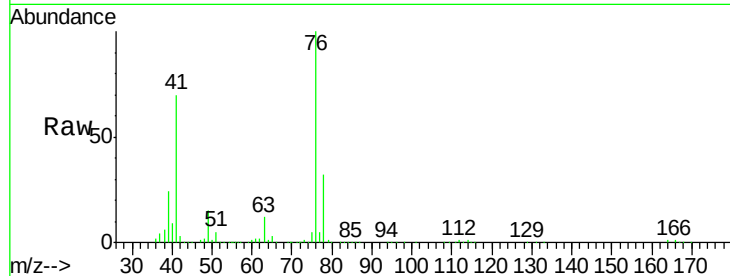
78 32.2 25.7 38.5

Manual Integrations

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MMDadoda

4/29/2019 11:25:00 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

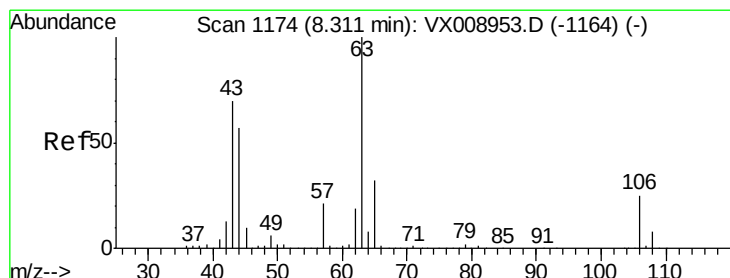
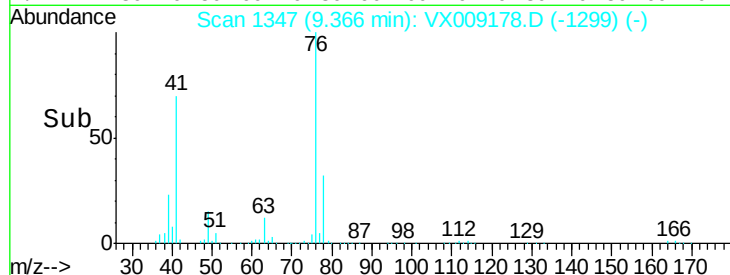
100000

50000

0

9.30 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.014 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009178.D

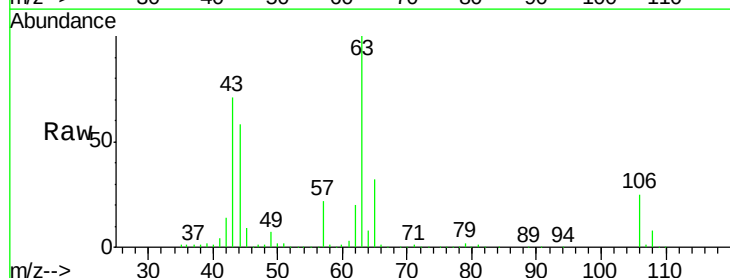
Acq: 26 Apr 2019 10:23

Tgt Ion: 63 Resp: 601740

Ion Ratio Lower Upper

63 100

106 24.5 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

300000

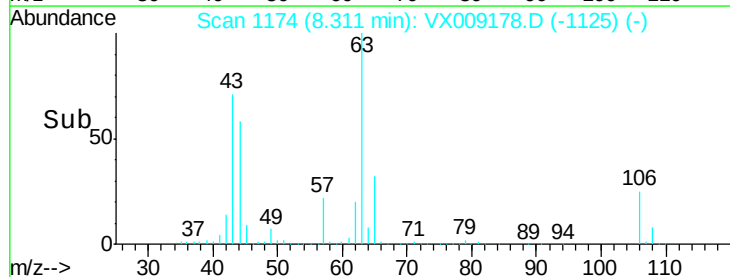
200000

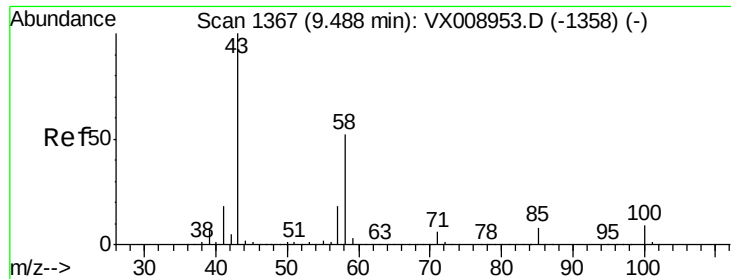
100000

0

8.20 8.30 8.40

Time-->





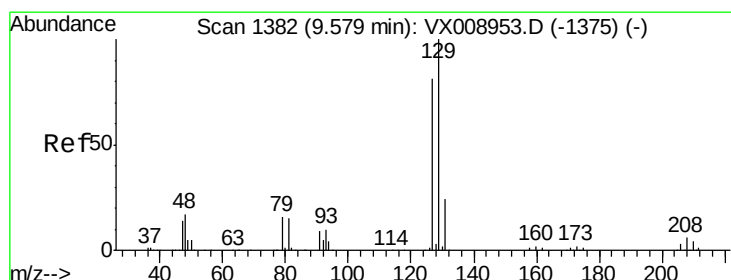
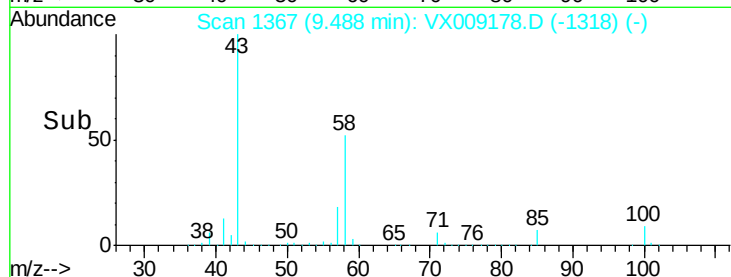
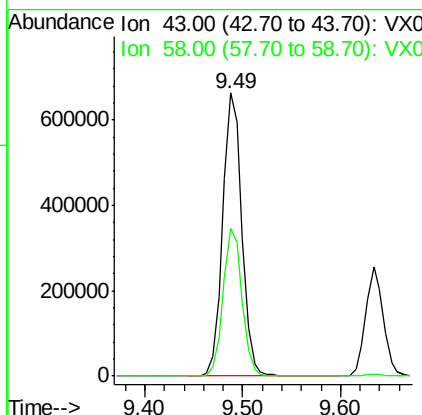
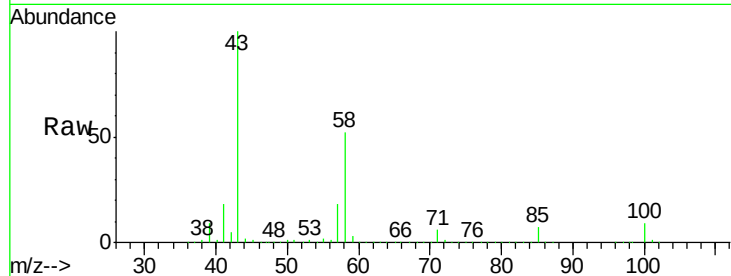
#59
2-Hexanone
Concen: 263.742 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	25.9	77.8

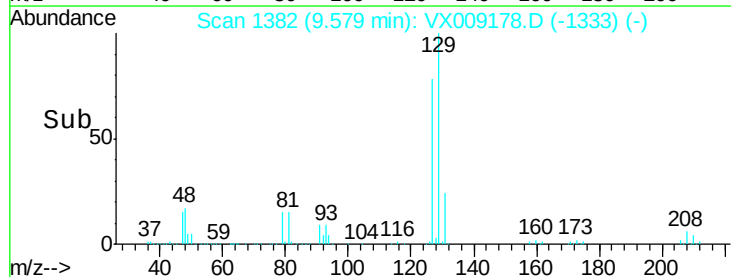
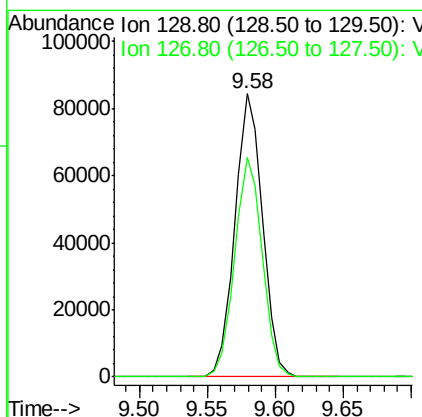
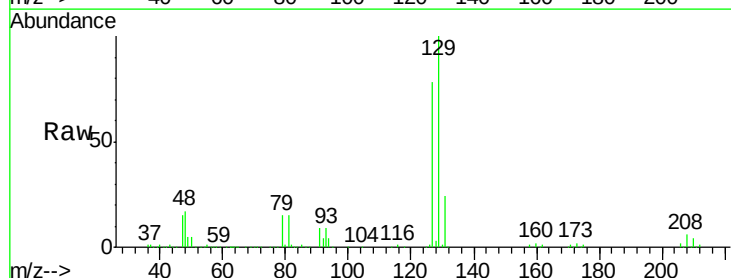
Manual Integrations
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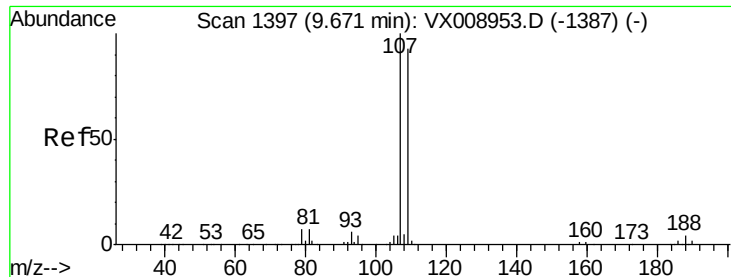
MMDadoda
4/29/2019 11:25:00 AM



#60
Dibromochloromethane
Concen: 53.112 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.2





#61

1,2-Dibromoethane

Concen: 50.239 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 121472

Ion Ratio Lower Upper

107 100

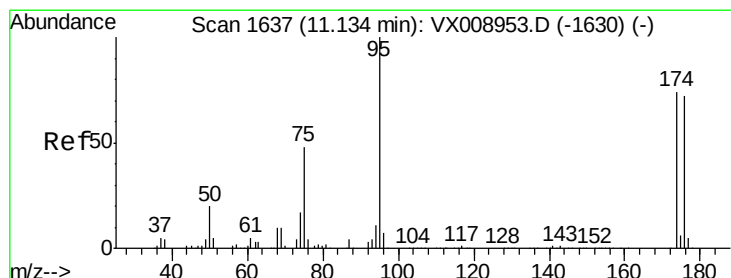
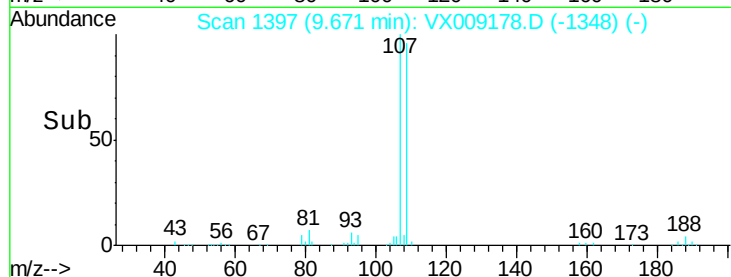
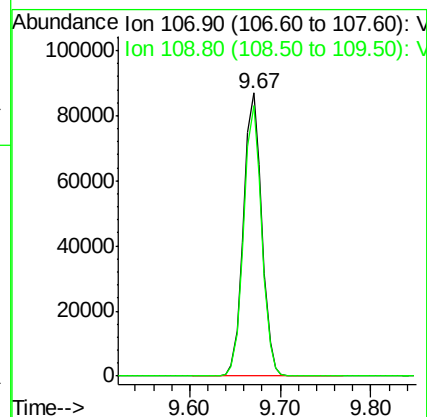
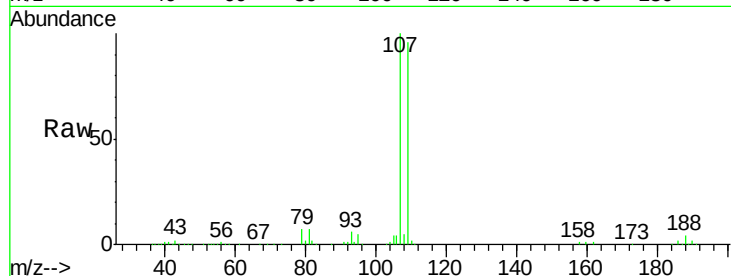
109 94.6 74.4 111.6

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#62

4-Bromofluorobenzene

Concen: 47.214 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

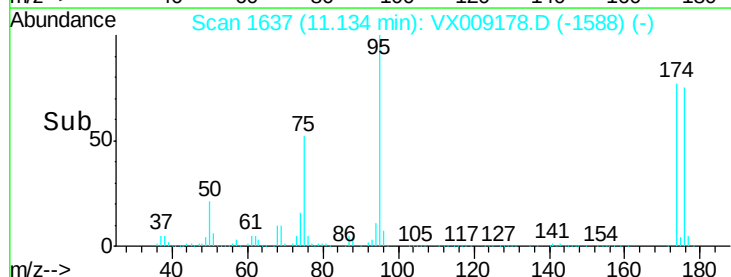
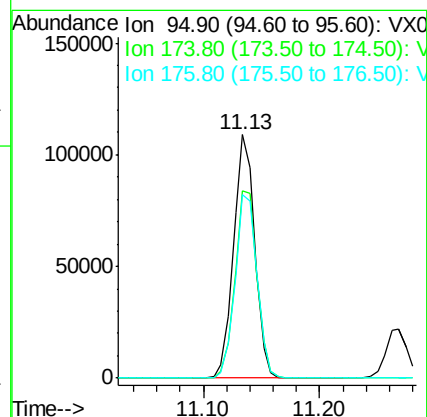
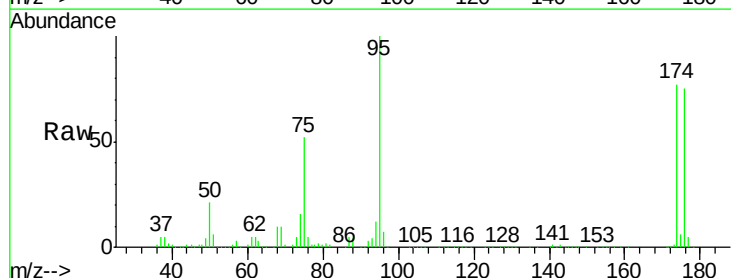
Tgt Ion: 95 Resp: 137897

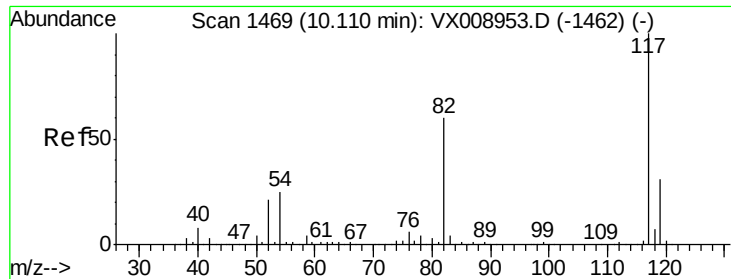
Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.6

176 78.3 0.0 154.8





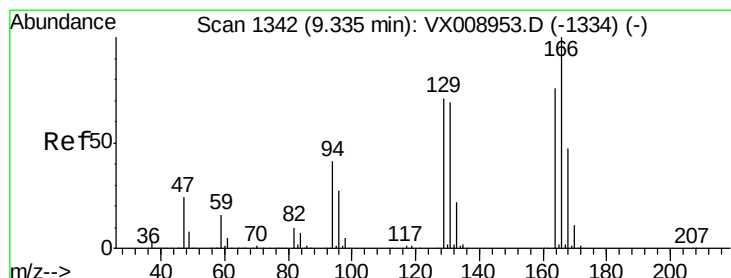
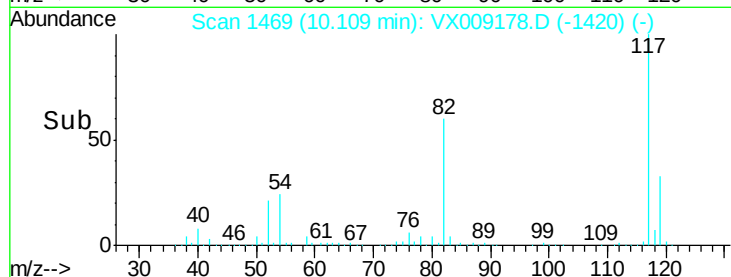
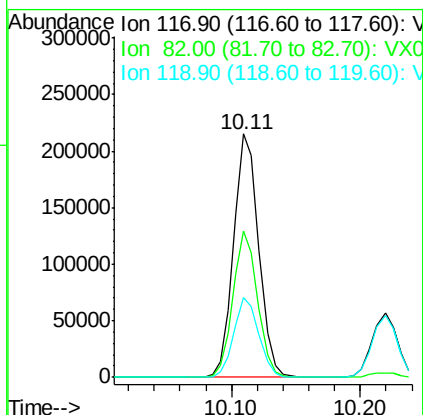
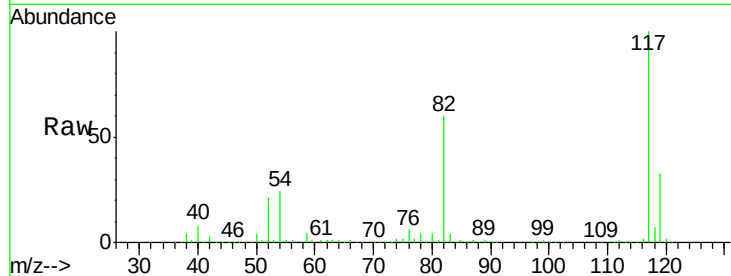
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	292587		
82	60.1	48.2	72.4	
119	32.7	25.0	37.6	

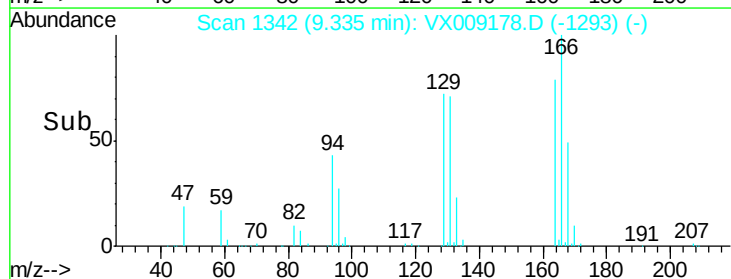
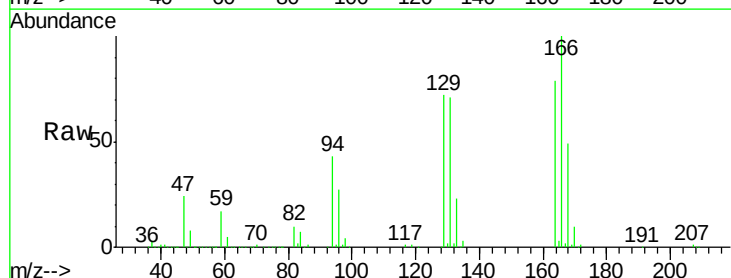
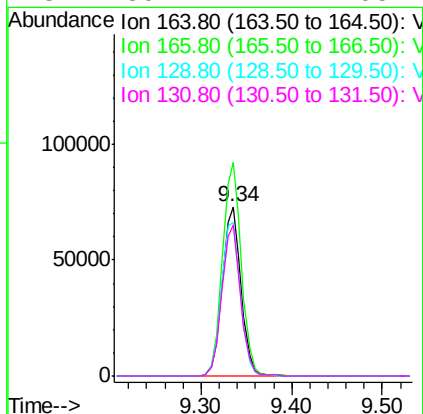
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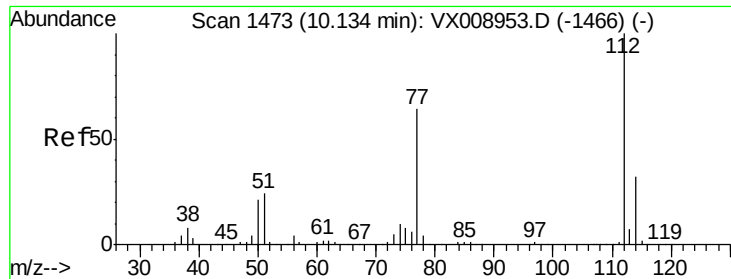
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#64
Tetrachloroethene
Concen: 47.396 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105349		
166	126.1	105.0	157.4	
129	90.9	74.2	111.4	
131	89.4	72.2	108.2	





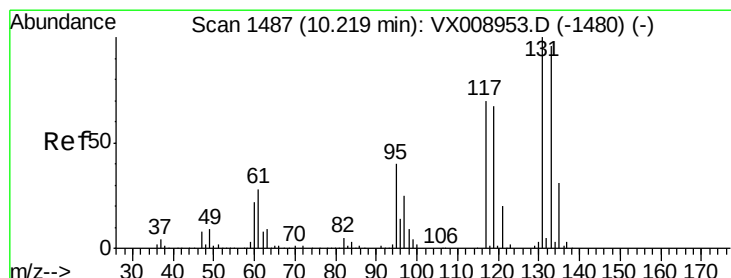
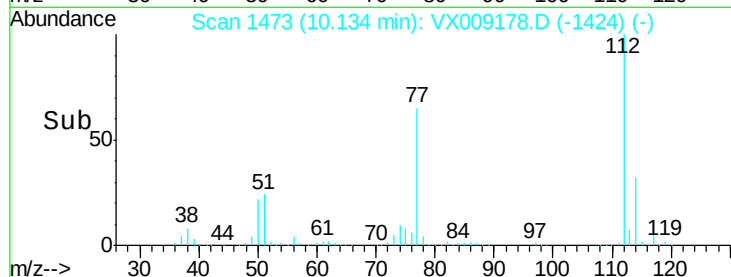
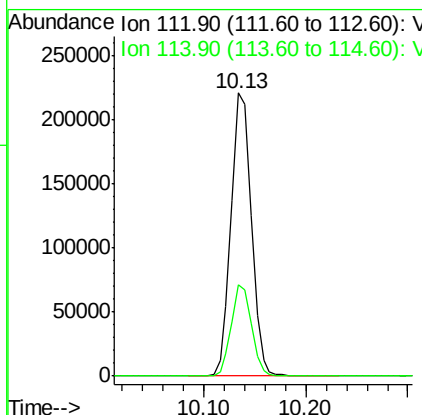
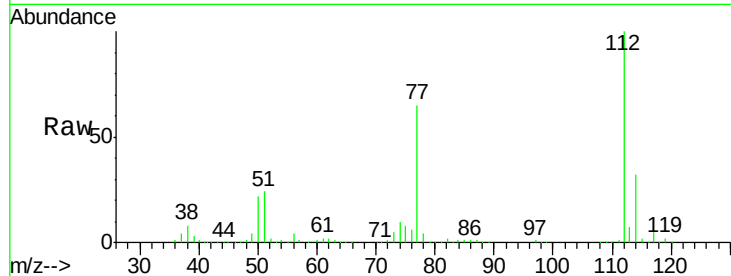
#65
Chlorobenzene
Concen: 49.200 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 303849
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

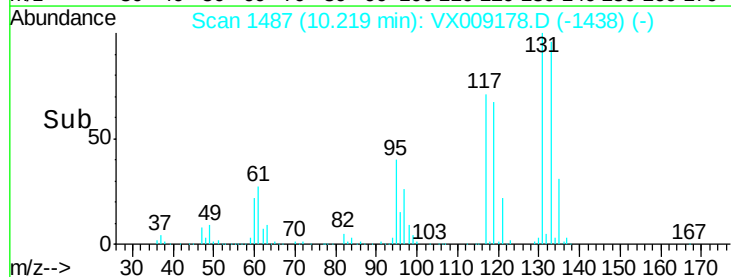
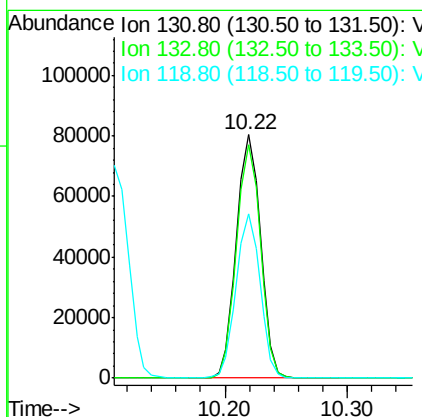
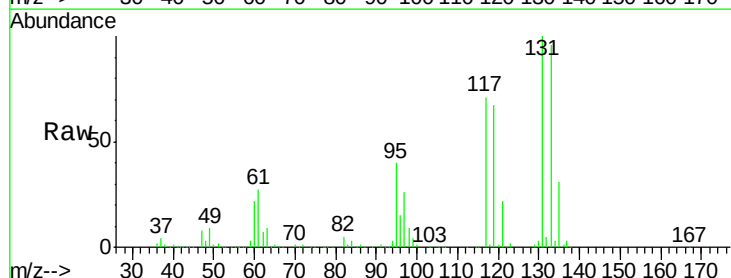
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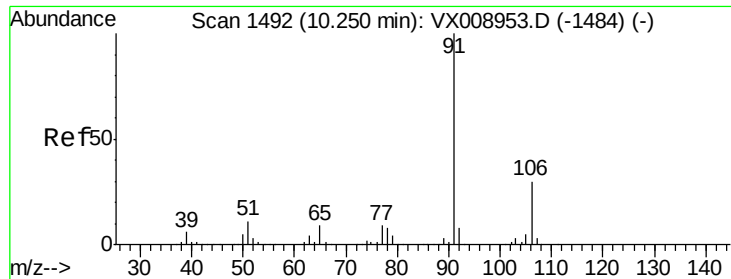
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.805 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion:131 Resp: 110532
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 66.7 33.7 101.1





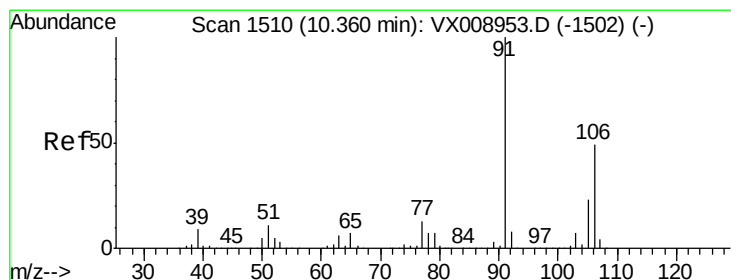
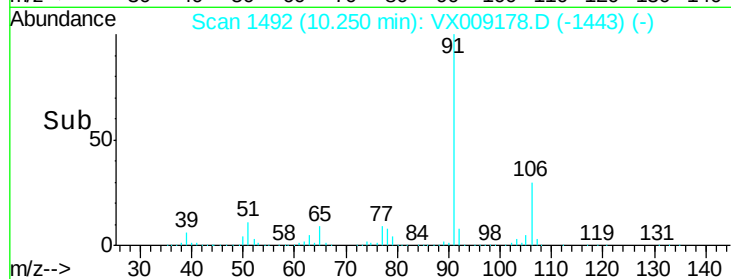
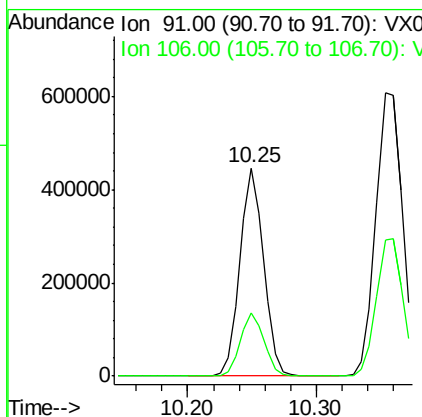
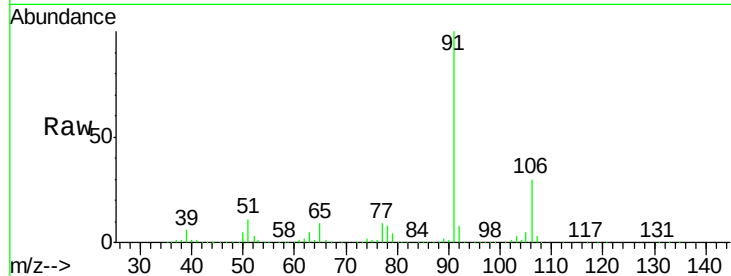
#67
Ethyl Benzene
Concen: 50.389 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 568863
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

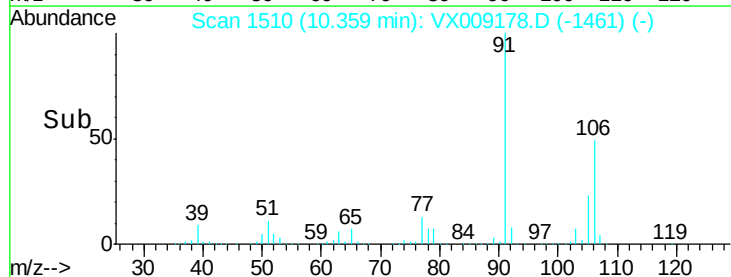
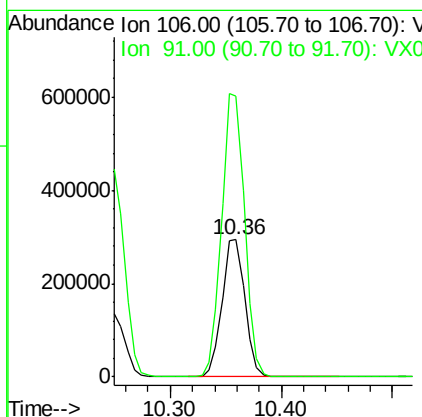
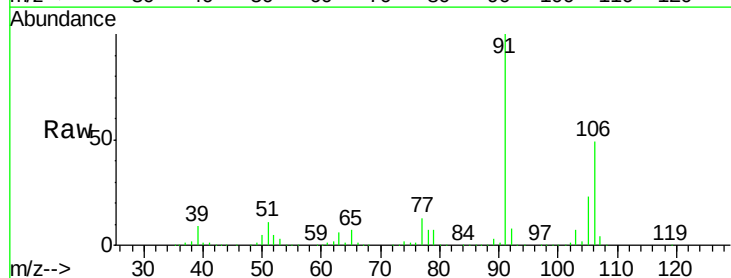
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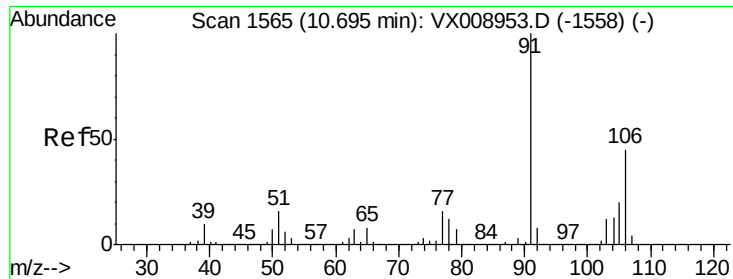
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4/29/2019 11:25:00 AM



#68
m/p-Xylenes
Concen: 101.742 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion: 106 Resp: 417436
Ion Ratio Lower Upper
106 100
91 207.3 165.4 248.2





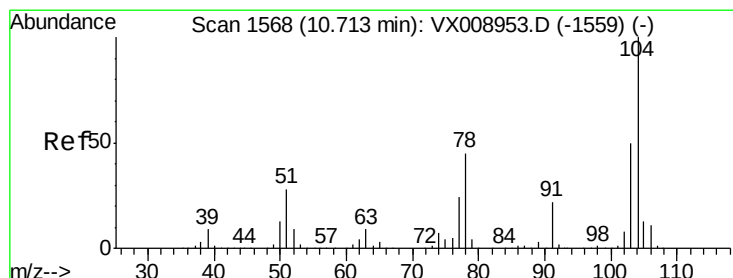
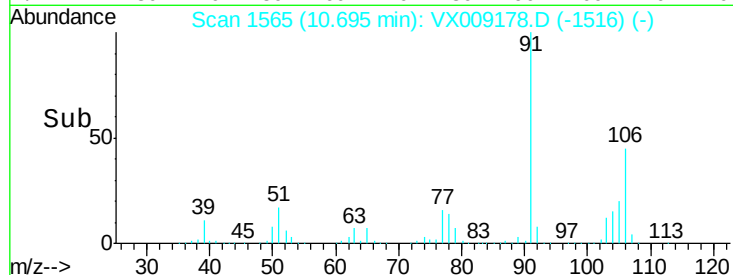
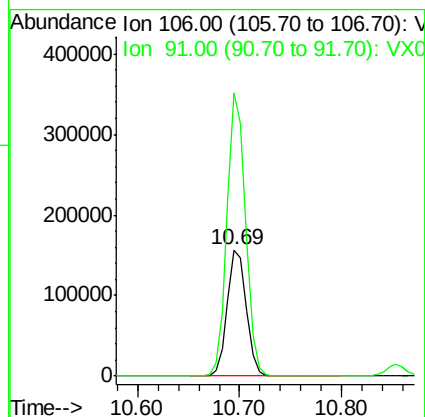
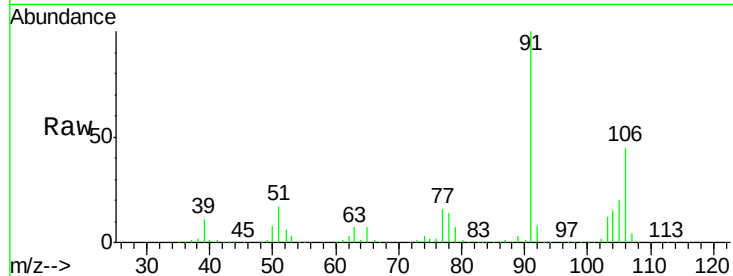
#69
o-Xylene
Concen: 50.661 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 202245
Ion Ratio Lower Upper
106 100
91 219.5 108.9 326.7

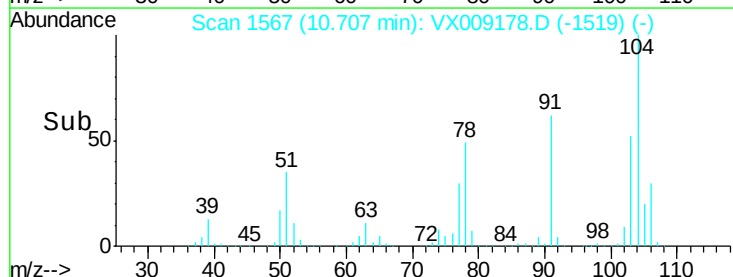
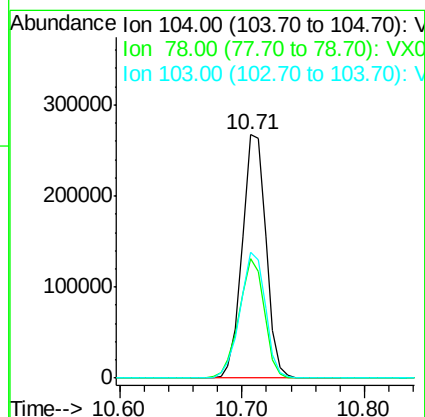
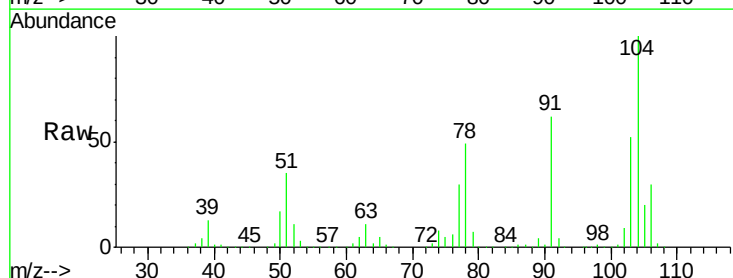
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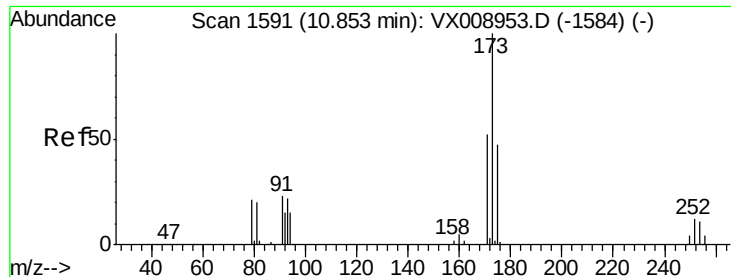
MMDadoda
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#70
Styrene
Concen: 51.744 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion:104 Resp: 357969
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 55.3 43.9 65.9





#71

Bromoform

Concen: 51.657 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 89537

Ion Ratio Lower Upper

173 100

175 49.2 23.9 71.8

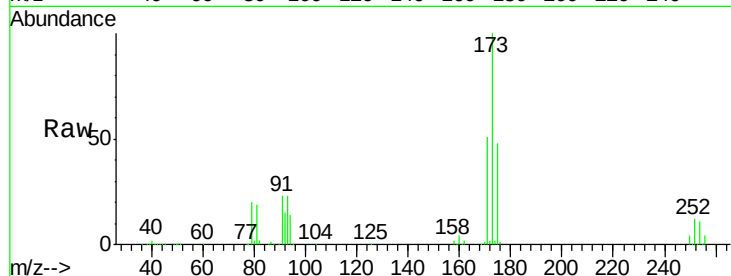
254 0.2 0.2 0.4#

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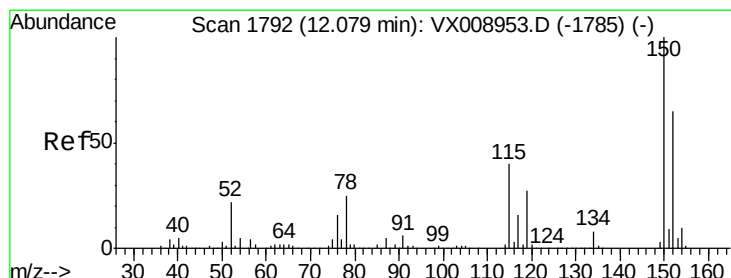
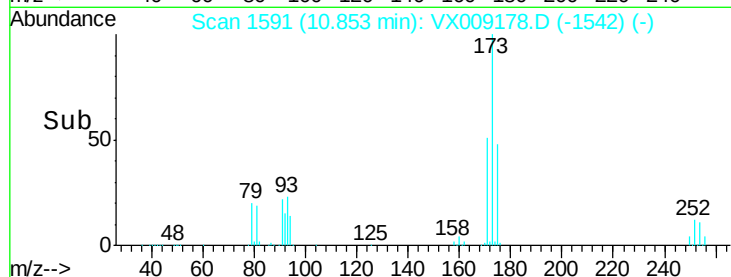
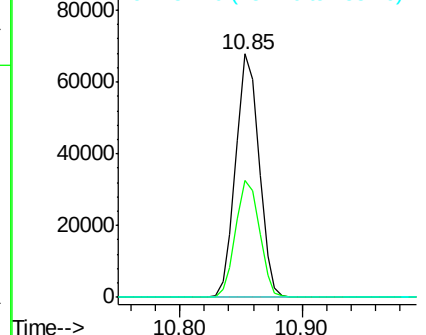
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

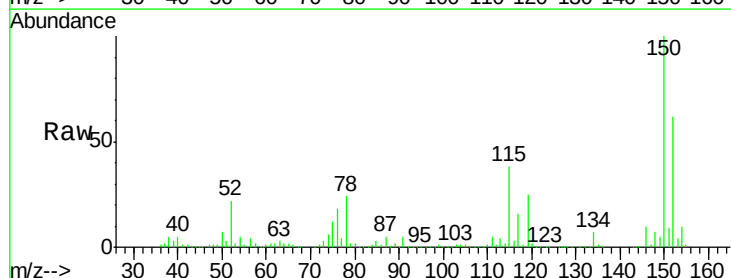
Tgt Ion:152 Resp: 145030

Ion Ratio Lower Upper

152 100

115 84.7 41.4 124.2

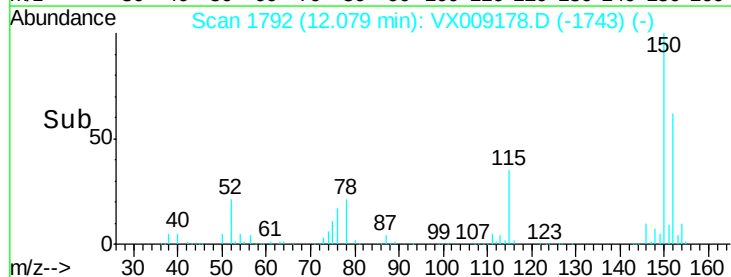
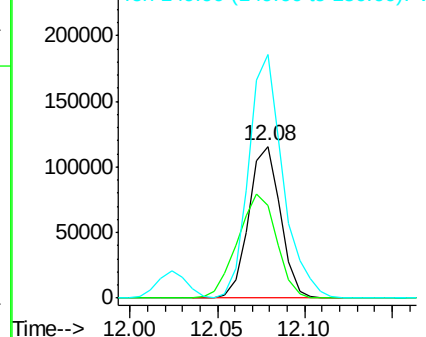
150 174.0 0.0 349.8

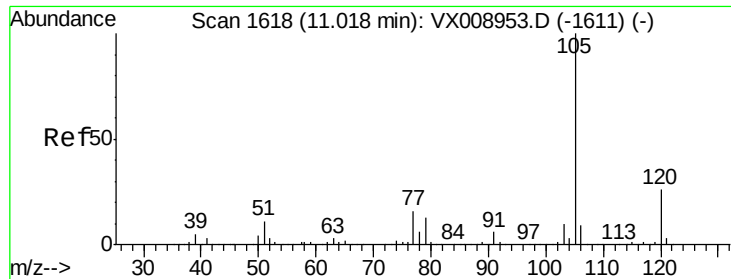


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.007 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 549733

Ion Ratio Lower Upper

105 100

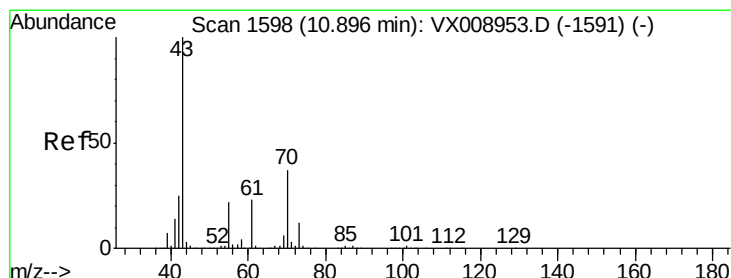
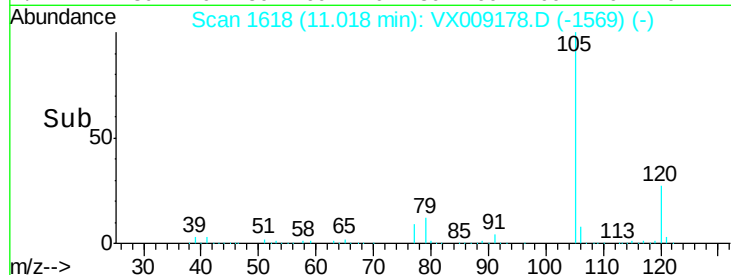
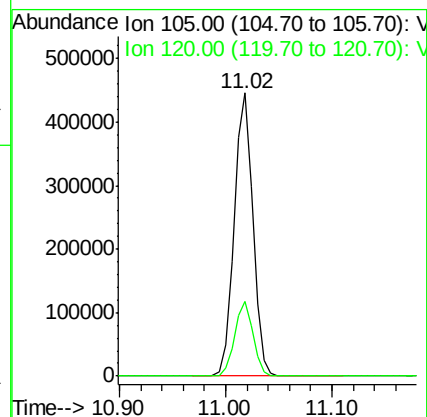
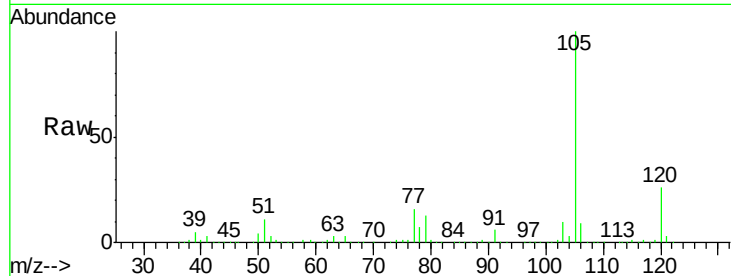
120 25.9 12.9 38.7

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#74

N-ethyl acetate

Concen: 51.020 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion: 43 Resp: 322039

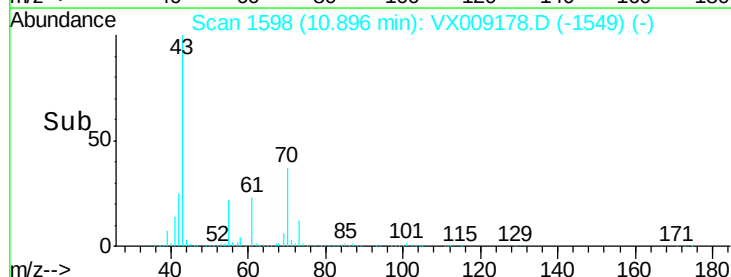
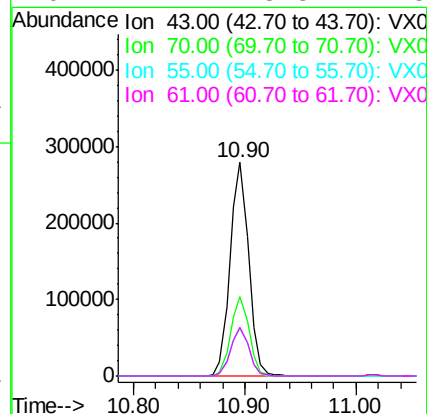
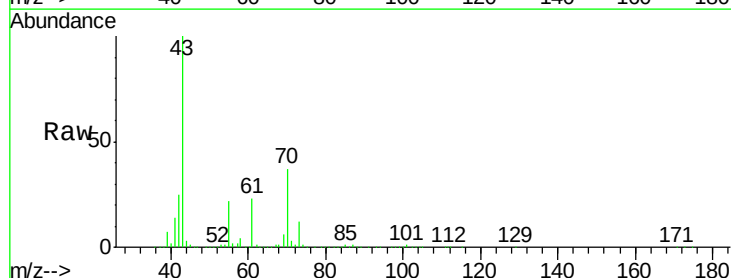
Ion Ratio Lower Upper

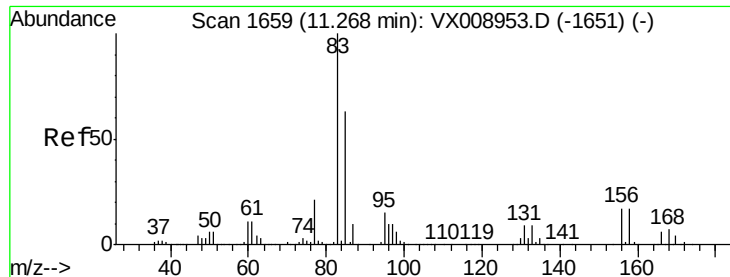
43 100

70 37.0 29.9 44.9

55 22.4 17.8 26.8

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.385 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

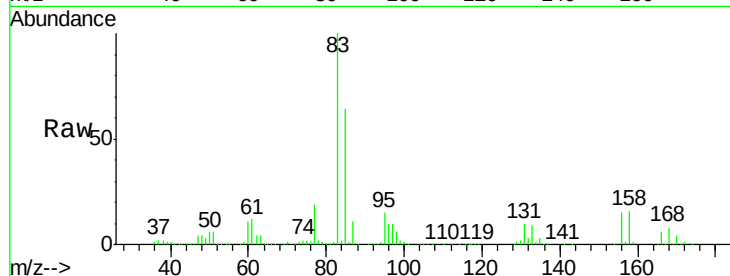
ClientSampleId :

VSTDCCC050

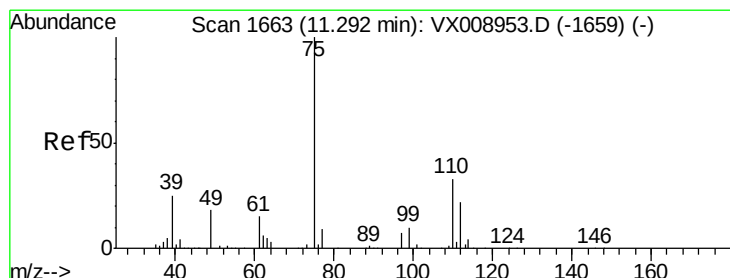
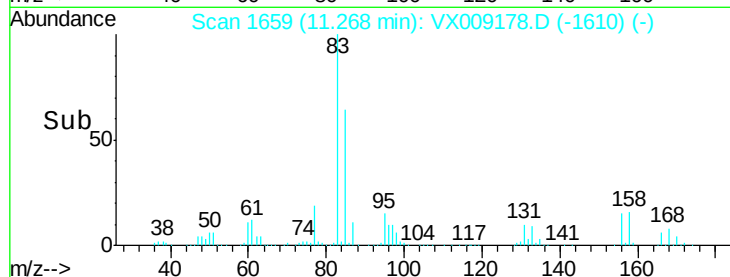
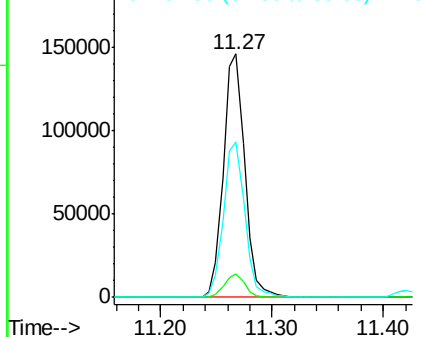
Tot Ion:	83	Resp:	194346
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.7	14.0
85	64.1	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.844 ug/l m

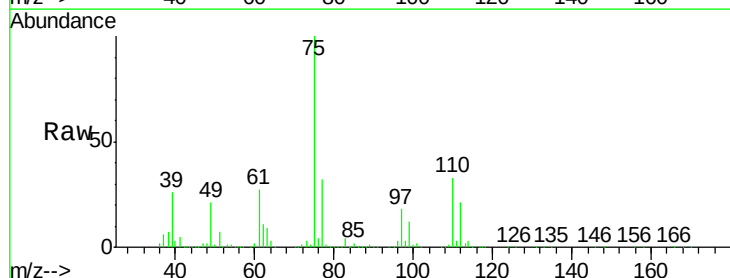
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

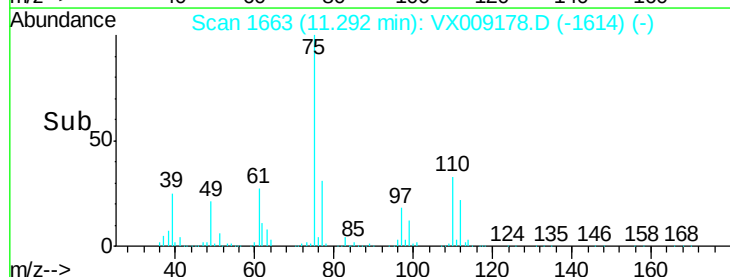
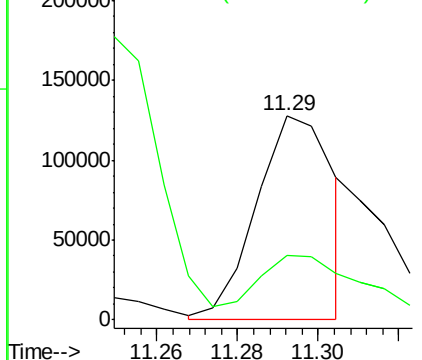
Lab File: VX009178.D

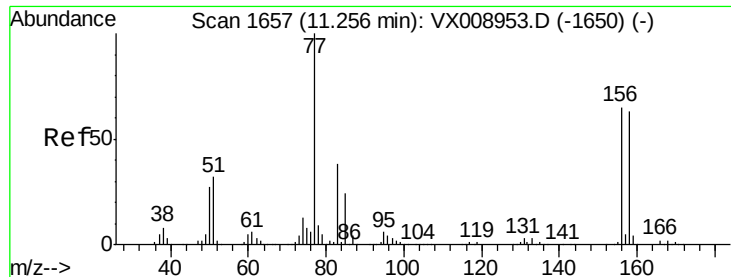
Acq: 26 Apr 2019 10:23

Tgt Ion:	75	Resp:	169433
Ion Ratio	Lower	Upper	
75	100		
77	44.0	22.7	68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.377 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

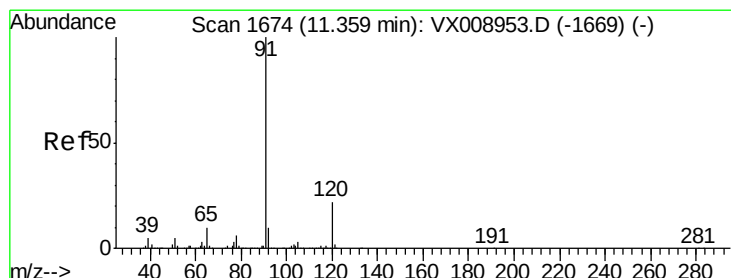
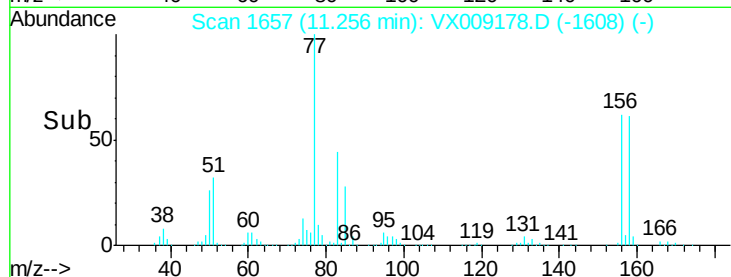
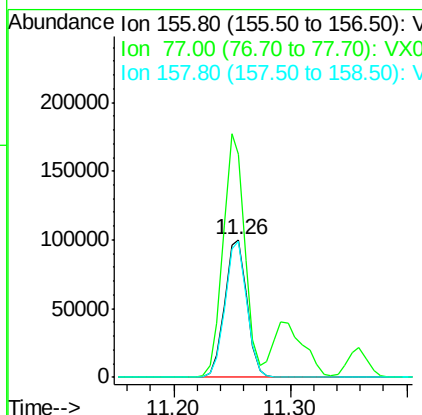
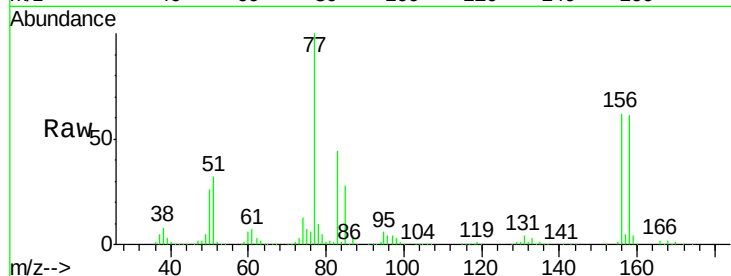
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.3	85.4	256.1
158	97.0	48.8	146.4

Manual Integrations
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4/29/2019 11:25:00 AM



#78

n-propylbenzene

Concen: 51.009 ug/l

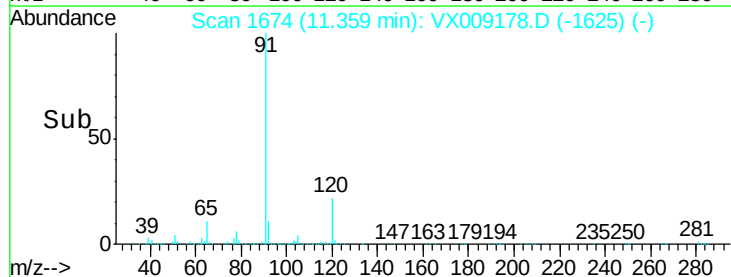
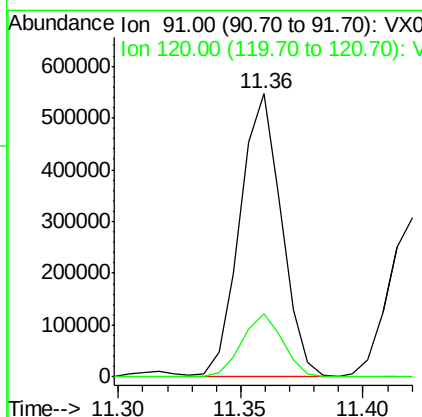
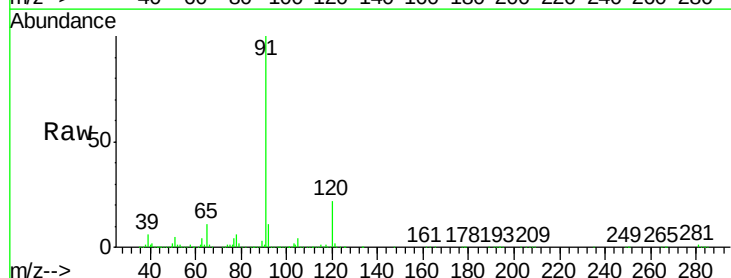
RT: 11.36 min Scan# 1674

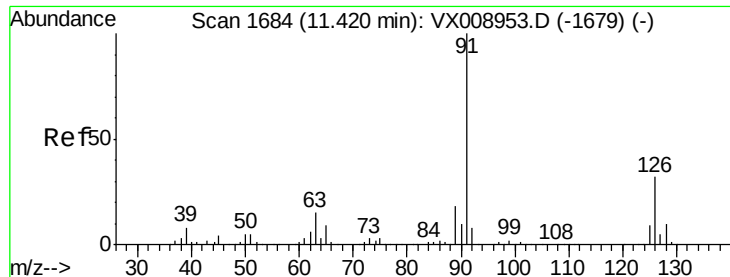
Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.9	32.9





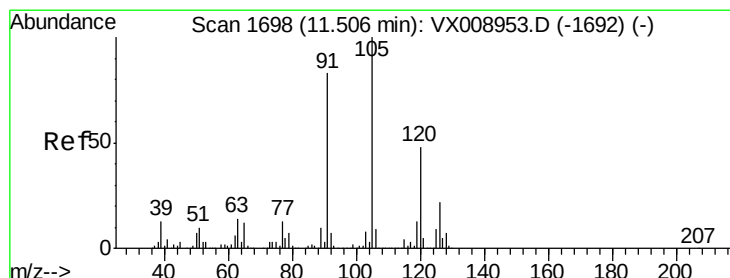
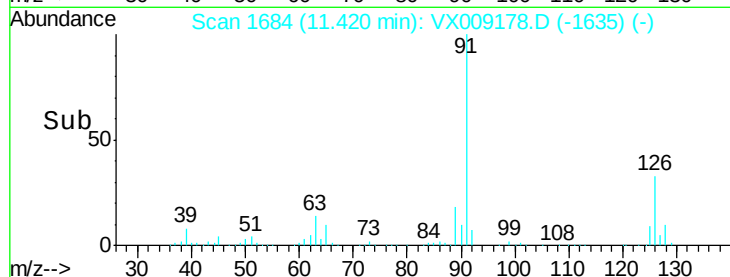
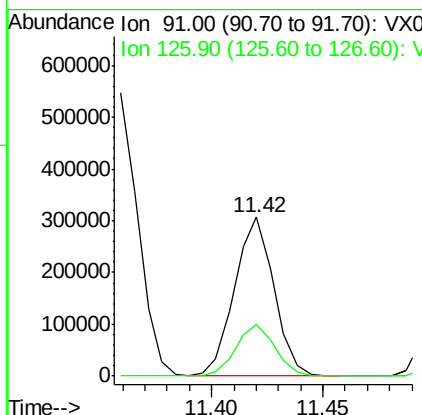
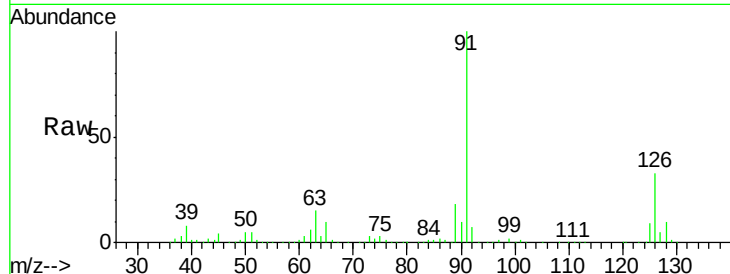
#79
 2-Chlorotoluene
 Concen: 49.584 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 377005
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.9

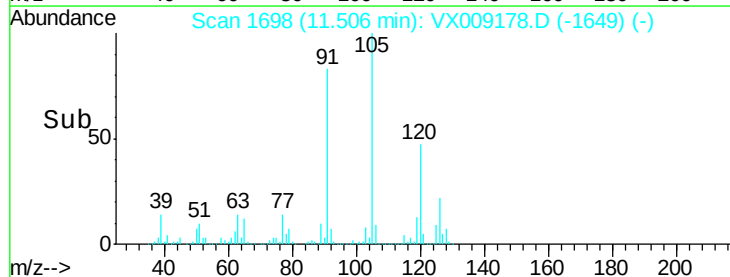
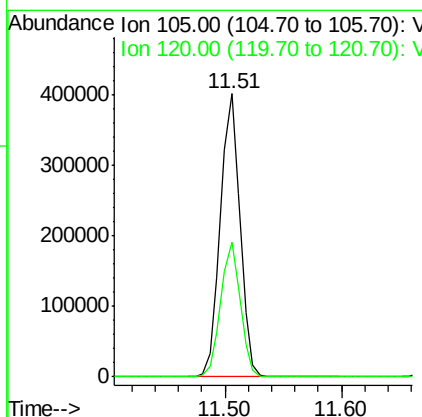
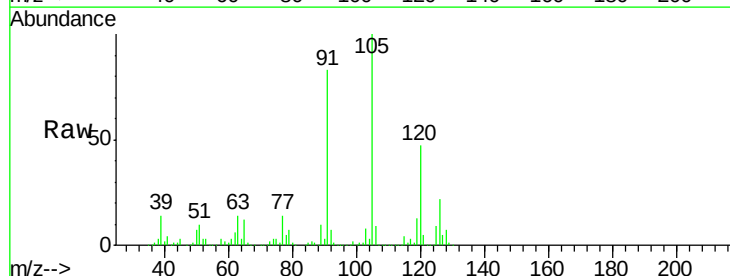
Manual Integrations
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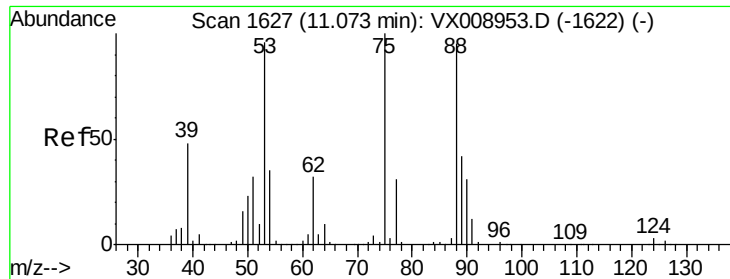
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 4/29/2019 11:25:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.412 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion: 105 Resp: 465048
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.1 72.3





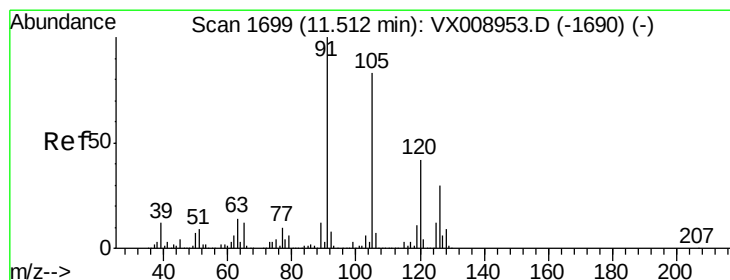
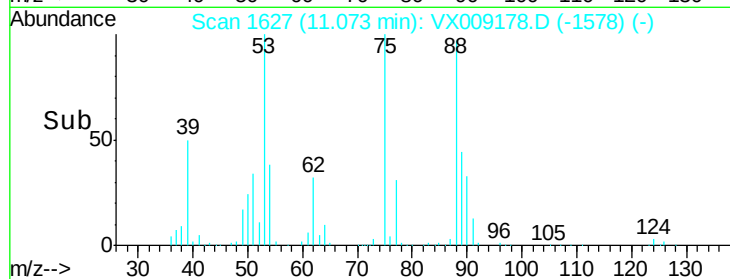
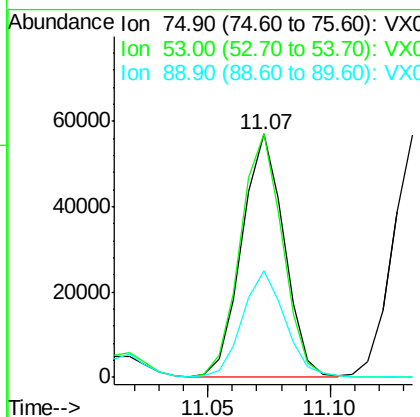
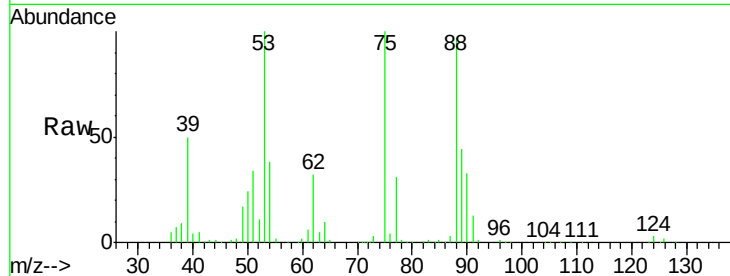
#81
trans-1,4-Dichloro-2-butene
Concen: 49.580 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	78.2	117.4
89	44.7	36.0	54.0

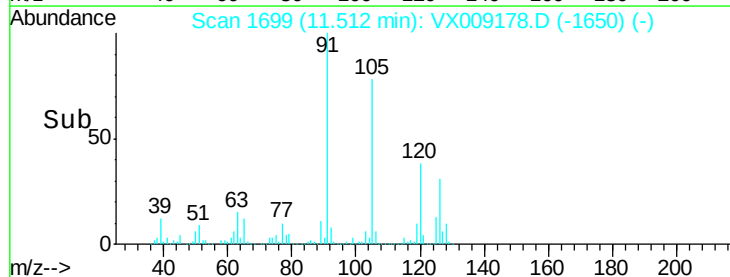
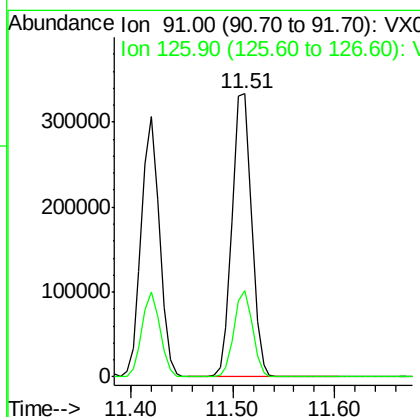
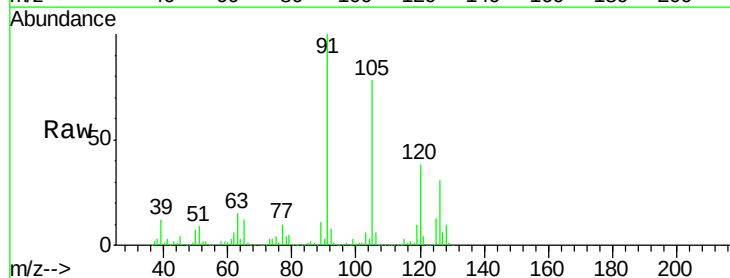
Manual Integrations
APPROVED

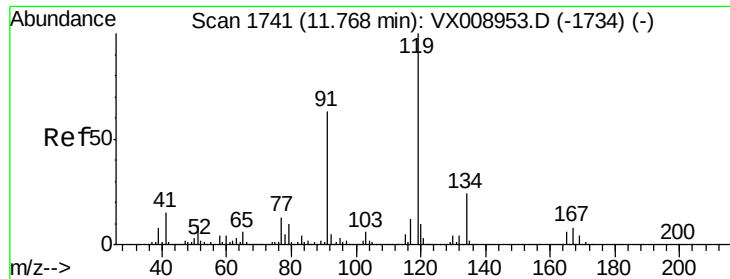
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.695 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.3	42.9





#83

tert-Butylbenzene

Concen: 49.978 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

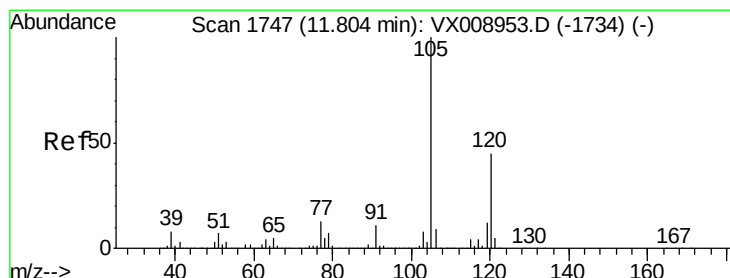
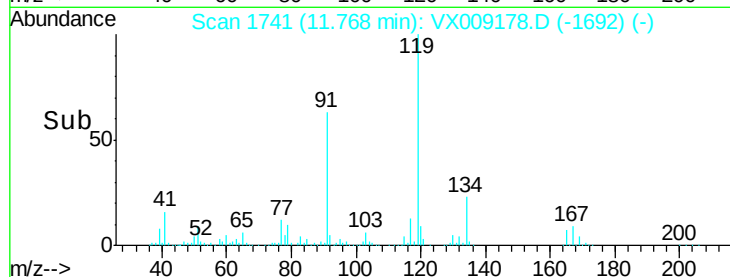
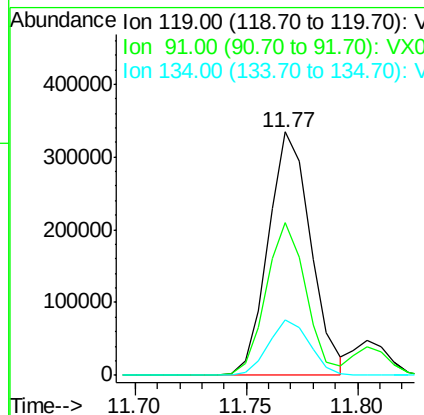
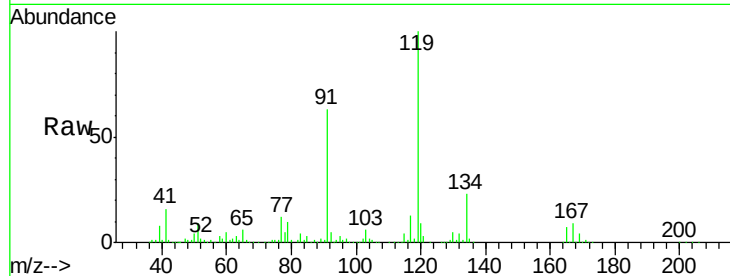
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	442645
Ion Ratio	Lower	Upper	
119	100		
91	59.4	29.7	89.1
134	22.3	11.2	33.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.892 ug/l

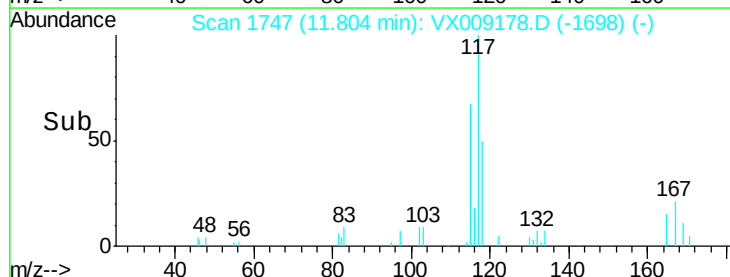
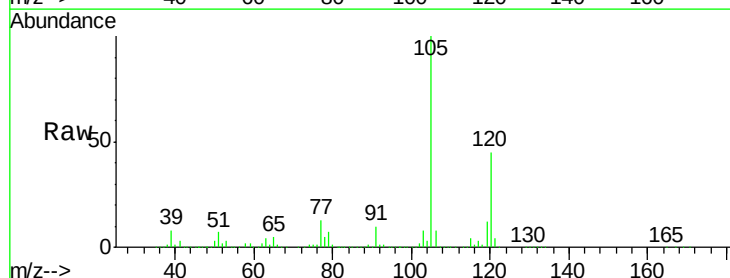
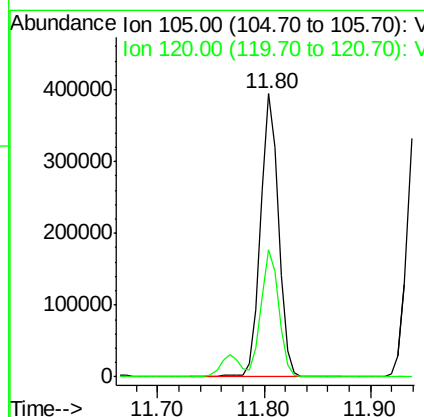
RT: 11.80 min Scan# 1747

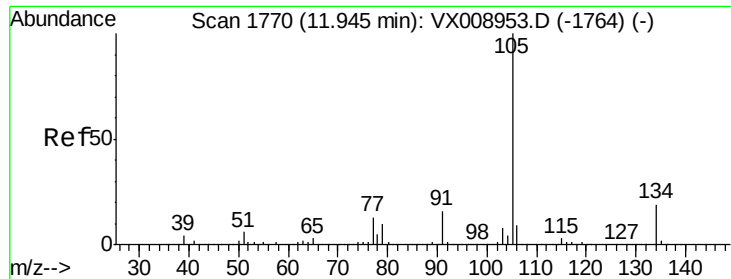
Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion:	105	Resp:	468503
Ion Ratio	Lower	Upper	
105	100		
120	44.0	21.9	65.8





#85

sec-Butylbenzene

Concen: 51.109 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 539875

Ion Ratio Lower Upper

105 100

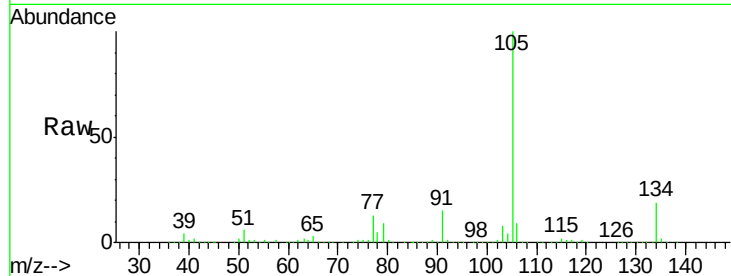
134 19.4 9.6 28.6

Manual Integrations

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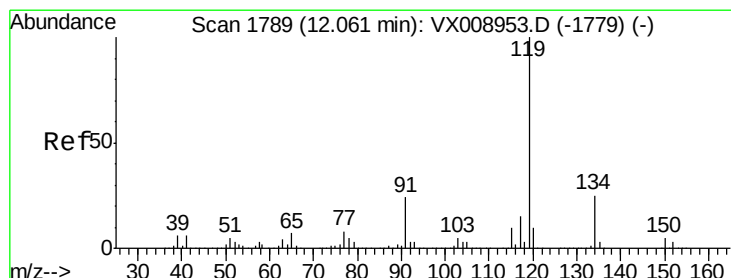
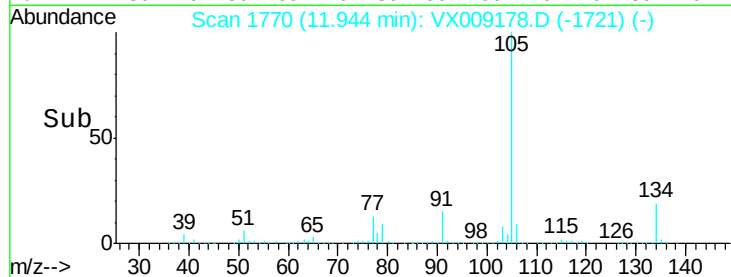
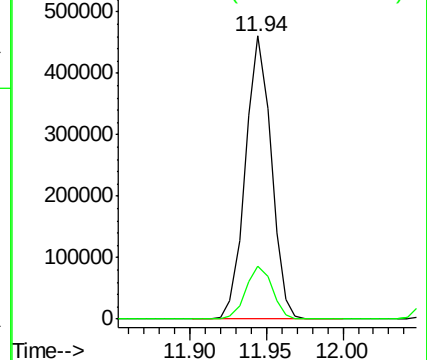
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.014 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

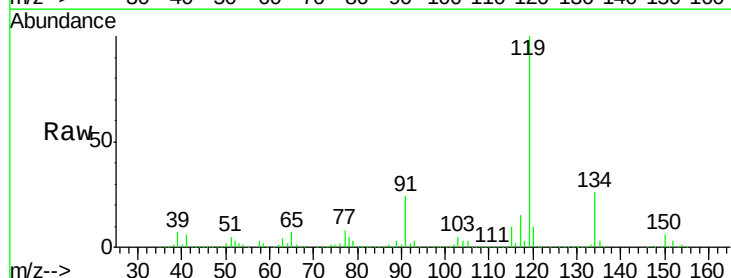
Tgt Ion:119 Resp: 495429

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

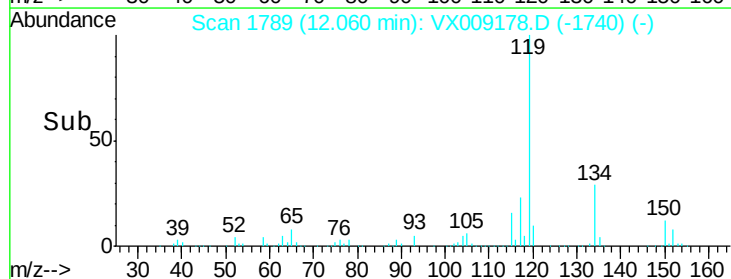
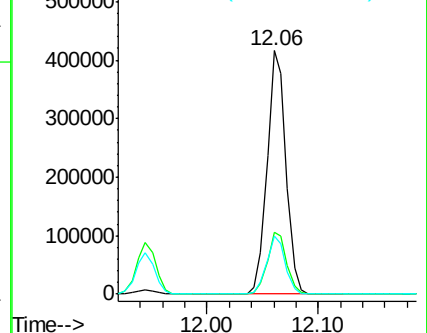
91 23.6 11.9 35.5

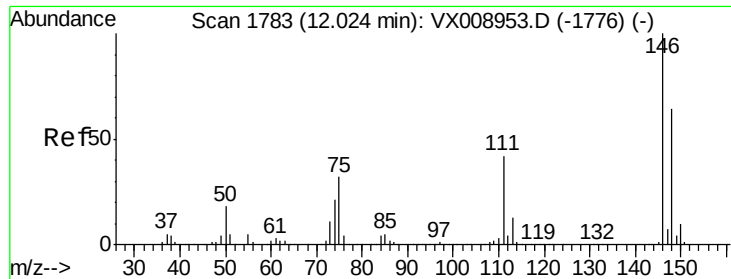


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





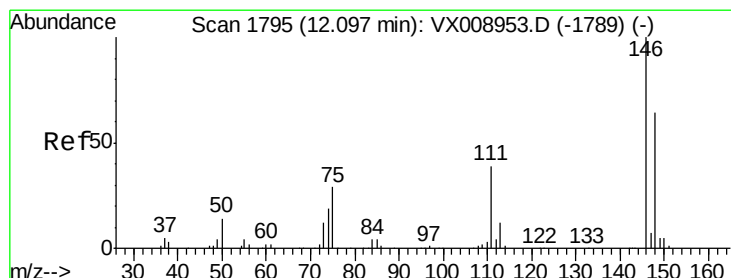
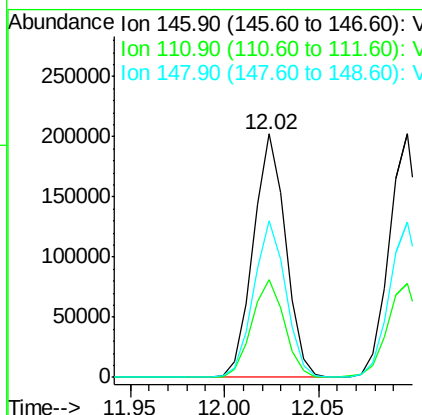
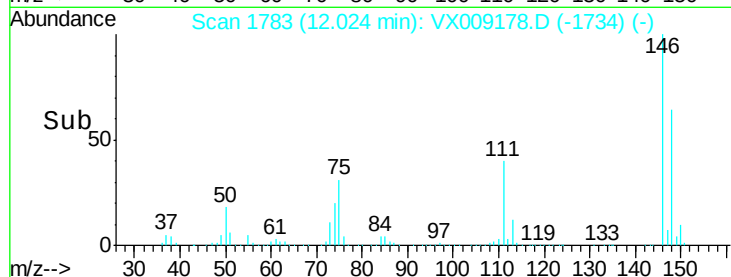
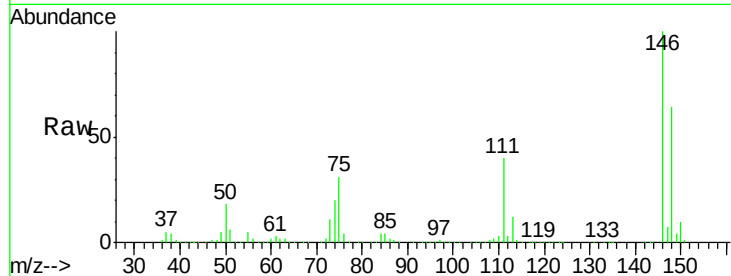
#87
 1,3-Dichlorobenzene
 Concen: 49.632 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.6
148	63.8	32.2	96.6

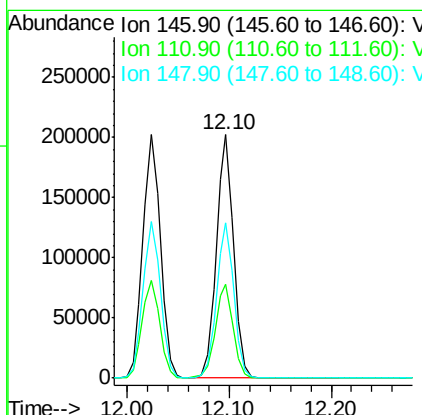
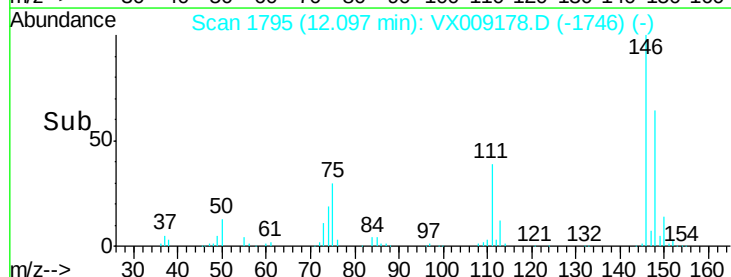
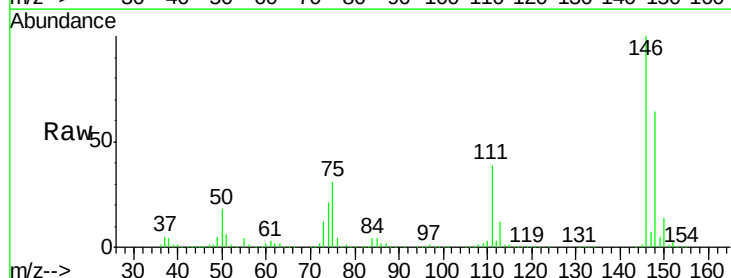
Manual Integrations
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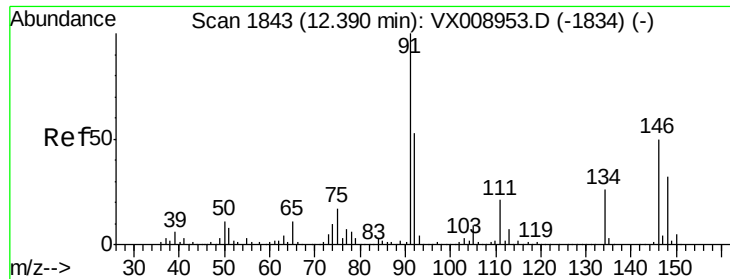
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#88
 1,4-Dichlorobenzene
 Concen: 48.903 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	64.6	32.2	96.6





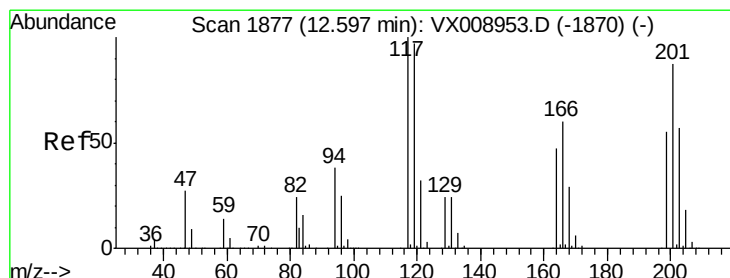
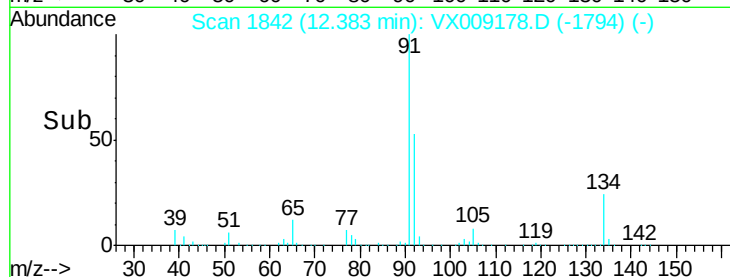
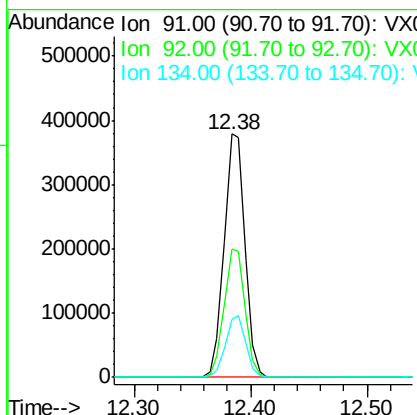
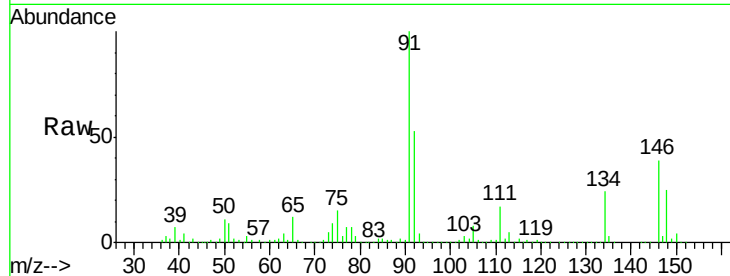
#89
n-Butylbenzene
Concen: 51.698 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 467582
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 24.6 12.4 37.2

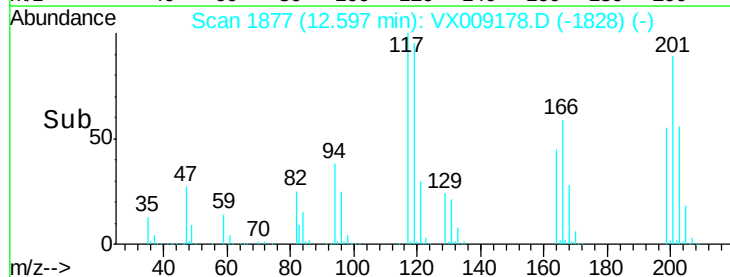
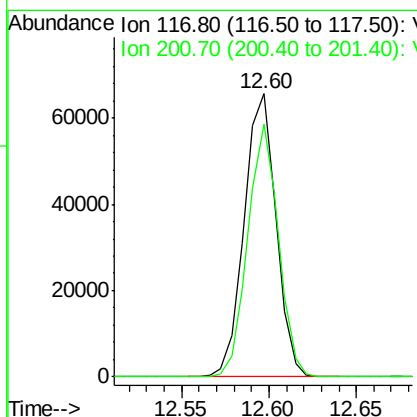
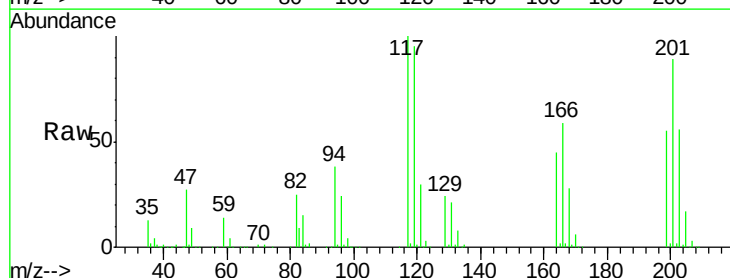
Manual Integrations
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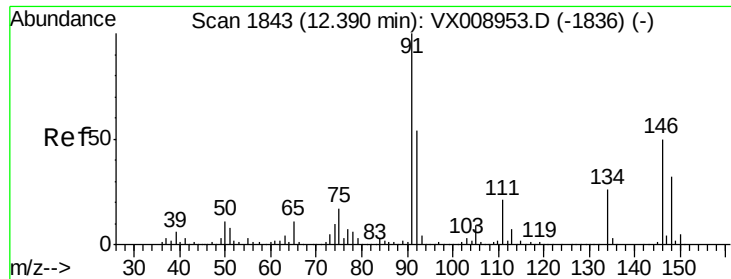
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4/29/2019 11:25:00 AM



#90
Hexachloroethane
Concen: 51.924 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion: 117 Resp: 83180
Ion Ratio Lower Upper
117 100
201 85.7 43.0 129.0





#91

1,2-Dichlorobenzene

Concen: 50.420 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

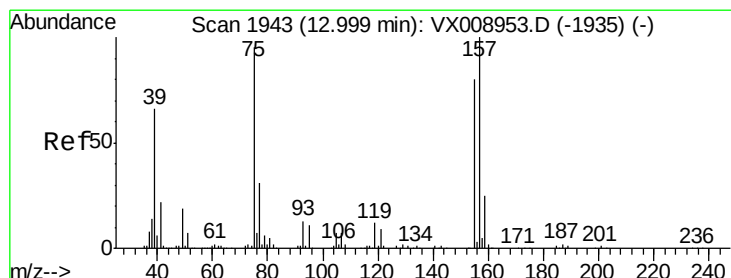
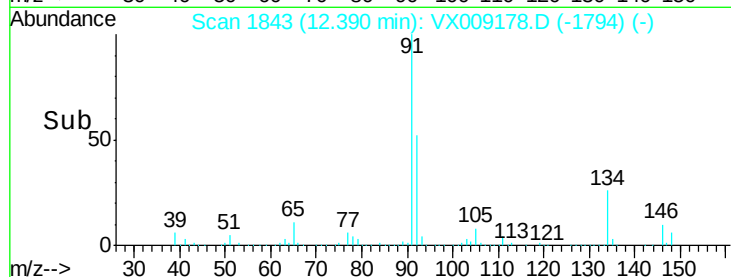
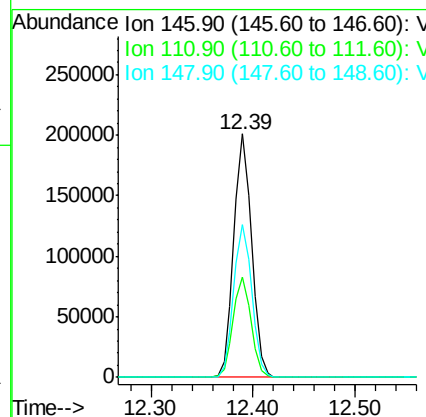
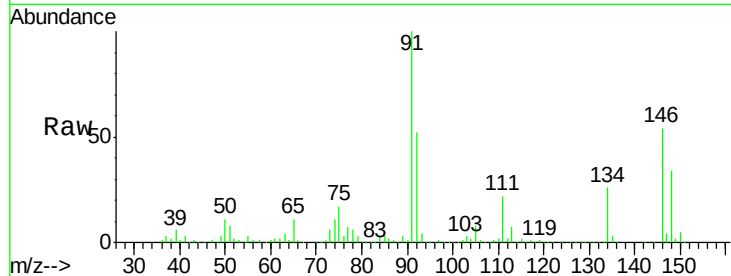
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	241698
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.6	61.9
148	63.8	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.293 ug/l

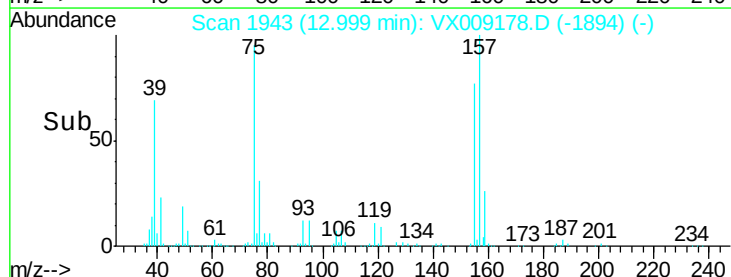
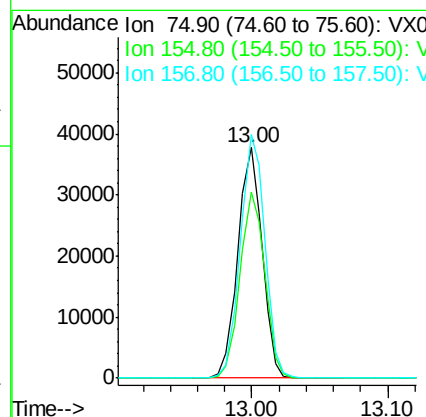
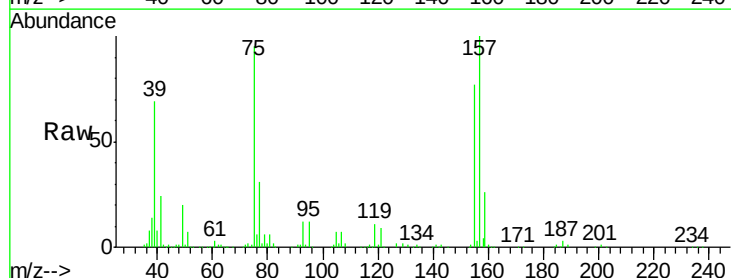
RT: 13.00 min Scan# 1943

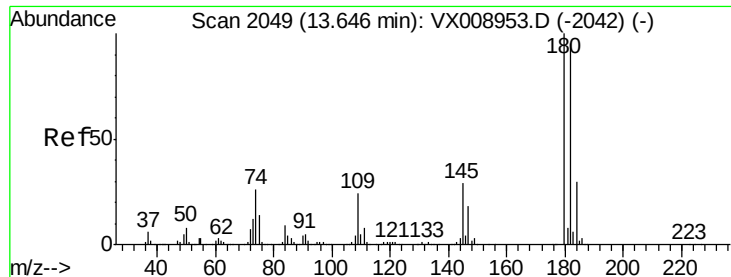
Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion:	75	Resp:	46909
Ion Ratio	Lower	Upper	
75	100		
155	82.0	41.2	123.6
157	106.3	52.5	157.6





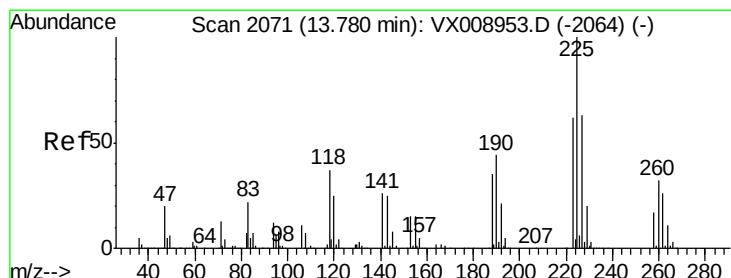
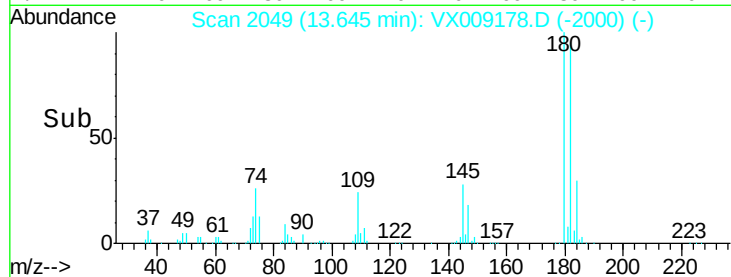
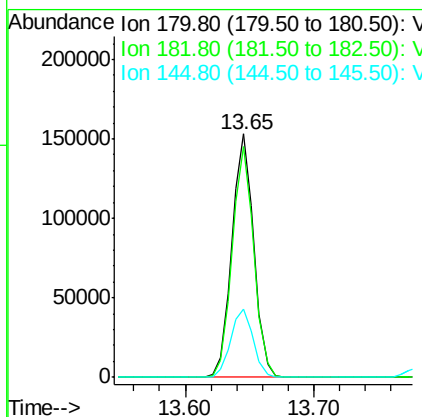
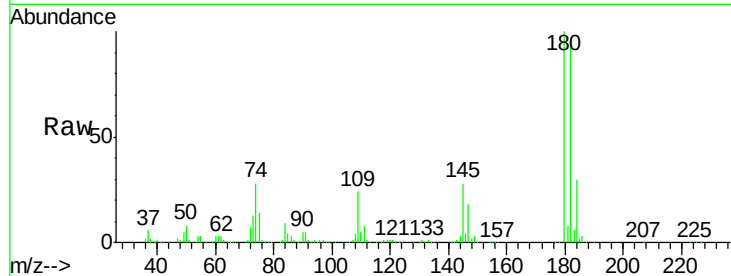
#93
 1,2,4-Trichlorobenzene
 Concen: 52.523 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	181751
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.6	142.9
145	28.9	14.8	44.4

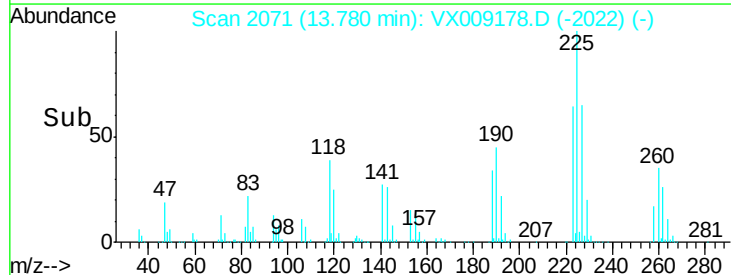
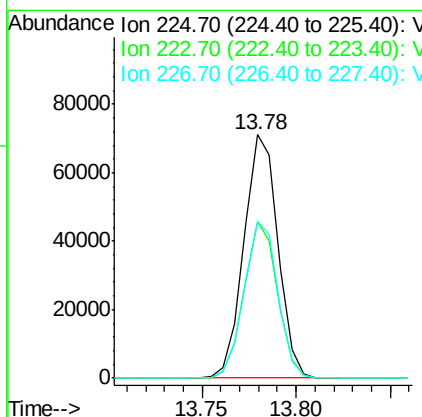
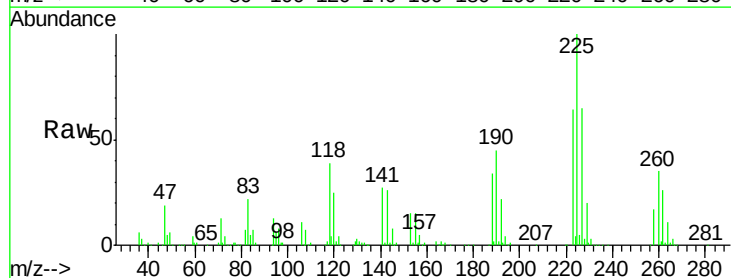
Manual Integrations
 APPROVED

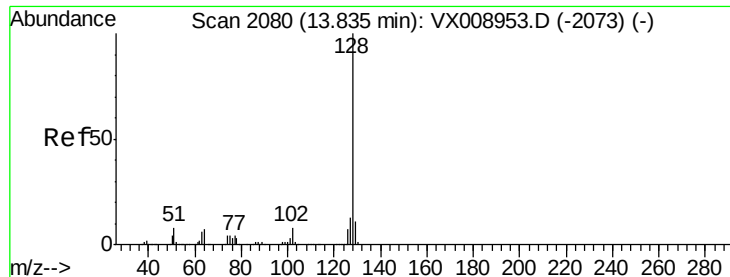
MMDadoda
 4/29/2019 11:25:00 AM



#94
 Hexachlorobutadiene
 Concen: 51.553 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion:	225	Resp:	88974
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.1	93.2
227	63.8	32.0	96.2





#95

Naphthalene

Concen: 52.072 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

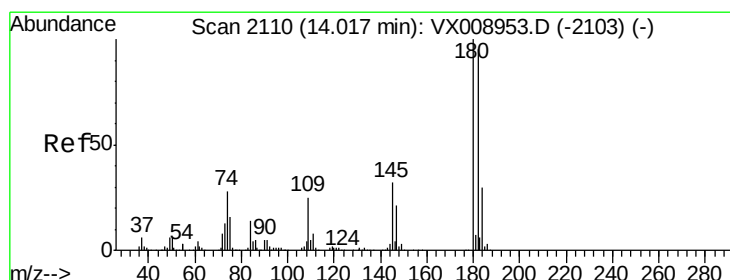
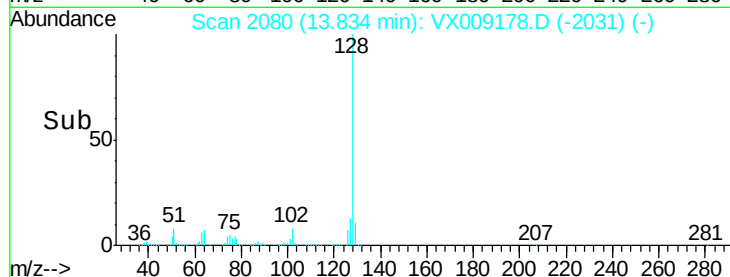
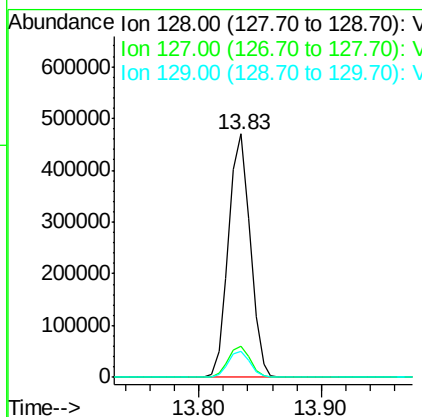
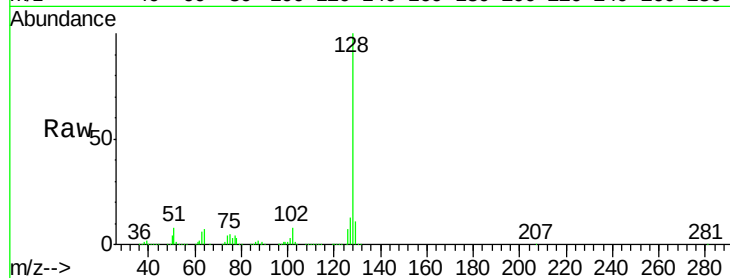
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	577298
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/29/2019 11:25:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.845 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion:	180	Resp:	180428
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.8	143.4
145	31.0	15.8	47.3

