

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041719\
 Data File : VX009029.D
 Acq On : 17 Apr 2019 20:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 3:01:16 PM

Quant Time: Apr 18 04:17:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154670	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	5.50	113	113049	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.71	98	450178	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	157662	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122886	50.675	ug/l	99
3) Chloromethane	1.32	50	150408	50.521	ug/l	100
4) Vinyl Chloride	1.41	62	144875	49.998	ug/l	100
5) Bromomethane	1.64	94	78830	43.949	ug/l	98
6) Chloroethane	1.71	64	85144	49.970	ug/l	97
7) Trichlorofluoromethane	1.92	101	164350	48.580	ug/l	98
8) Diethyl Ether	2.19	74	77392	50.021	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104075	48.114	ug/l	98
10) Methyl Iodide	2.51	142	120526	50.877	ug/l	100
11) Tert butyl alcohol	3.06	59	169982	258.091	ug/l	99
12) 1,1-Dichloroethene	2.37	96	109805	48.634	ug/l	98
13) Acrolein	2.29	56	119871	210.645	ug/l	99
14) Allyl chloride	2.73	41	253931	51.551	ug/l	99
15) Acrylonitrile	3.14	53	441451	264.045	ug/l	100
16) Acetone	2.45	43	381847	248.169	ug/l	99
17) Carbon Disulfide	2.56	76	304676	46.024	ug/l	99
18) Methyl Acetate	2.78	43	202683	52.780	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	414074	51.471	ug/l	99
20) Methylene Chloride	2.85	84	128783	48.943	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	115297	47.877	ug/l	96
22) Diisopropyl ether	3.86	45	500482	52.288	ug/l	88
23) Vinyl Acetate	3.81	43	2239609	266.181	ug/l	98
24) 1,1-Dichloroethane	3.70	63	243175	50.611	ug/l	99
25) 2-Butanone	4.68	43	655382	266.476	ug/l	99
26) 2,2-Dichloropropane	4.59	77	149986	41.644	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	134510	49.196	ug/l	99
28) Bromochloromethane	5.02	49	116451	58.685	ug/l	99
29) Tetrahydrofuran	5.13	42	437162	265.566	ug/l	99
30) Chloroform	5.21	83	217939	50.688	ug/l	99
31) Cyclohexane	5.58	56	233270	49.361	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	180278	50.590	ug/l	99
36) 1,1-Dichloropropene	5.80	75	167997	46.284	ug/l	99
37) Ethyl Acetate	4.84	43	248044	53.108	ug/l	100
38) Carbon Tetrachloride	5.79	117	148372	48.218	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203290	46.001	ug/l	99
40) Benzene	6.14	78	521208	48.676	ug/l	100
41) Methacrylonitrile	5.04	41	139231	51.941	ug/l	100
42) 1,2-Dichloroethane	6.19	62	185628	48.938	ug/l	99
43) Isopropyl Acetate	6.45	43	389477	51.747	ug/l	99
44) Trichloroethene	7.21	130	122670	46.756	ug/l	98
45) 1,2-Dichloropropane	7.51	63	149607	50.362	ug/l	99
46) Dibromomethane	7.66	93	84224	48.718	ug/l	99
47) Bromodichloromethane	7.90	83	168231	49.613	ug/l	99
48) Methyl methacrylate	7.77	41	194294	52.244	ug/l	98
49) 1,4-Dioxane	7.74	88	68485	983.872	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1238679	258.326	ug/l	100
52) Toluene	8.79	92	308227	48.030	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	189790	48.634	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	211797	48.470	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	125510	49.348	ug/l	99
56) Ethyl methacrylate	9.18	69	232082	50.889	ug/l	98
57) 1,3-Dichloropropane	9.37	76	224005	49.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	606997	247.164	ug/l	99
59) 2-Hexanone	9.49	43	941437	254.659	ug/l	99
60) Dibromochloromethane	9.58	129	124441	51.050	ug/l	100
61) 1,2-Dibromoethane	9.67	107	130599	49.752	ug/l	99
64) Tetrachloroethene	9.34	164	112413	47.929	ug/l	98
65) Chlorobenzene	10.14	112	314222	48.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115276	50.213	ug/l	99
67) Ethyl Benzene	10.25	91	585635	49.161	ug/l	99
68) m/p-Xylenes	10.36	106	420702	97.174	ug/l	98
69) o-Xylene	10.69	106	205652	48.819	ug/l	99
70) Styrene	10.71	104	358439	49.101	ug/l	99
71) Bromoform	10.85	173	90547	49.507	ug/l #	98
73) Isopropylbenzene	11.02	105	548909	50.683	ug/l	100
74) N-amyl acetate	10.90	43	324676	52.212	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	197383	49.881	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	173389m	49.698	ug/l	
77) Bromobenzene	11.26	156	131350	48.069	ug/l	98
78) n-propylbenzene	11.36	91	627144	50.452	ug/l	100
79) 2-Chlorotoluene	11.42	91	370375	49.445	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	460121	50.629	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65471	48.177	ug/l	96
82) 4-Chlorotoluene	11.51	91	425914	48.958	ug/l	100
83) tert-Butylbenzene	11.77	119	428660	49.127	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	460098	49.735	ug/l	100
85) sec-Butylbenzene	11.94	105	518433	49.818	ug/l	100
86) p-Isopropyltoluene	12.06	119	469617	49.084	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	227200	47.506	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	225193	46.450	ug/l	99
89) n-Butylbenzene	12.38	91	429831	48.239	ug/l	99
90) Hexachloroethane	12.60	117	78726	49.883	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	227232	48.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45741	50.769	ug/l	96

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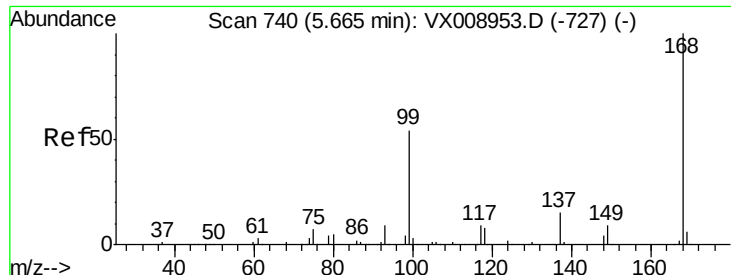
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158742	46.564	ug/l	100
94) Hexachlorobutadiene	13.78	225	78154	45.965	ug/l	99
95) Naphthalene	13.83	128	539955	49.437	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160662	47.764	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 210538

Ion Ratio Lower Upper

168 100

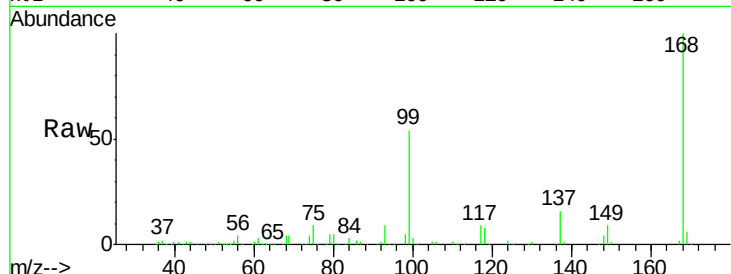
99 54.0 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

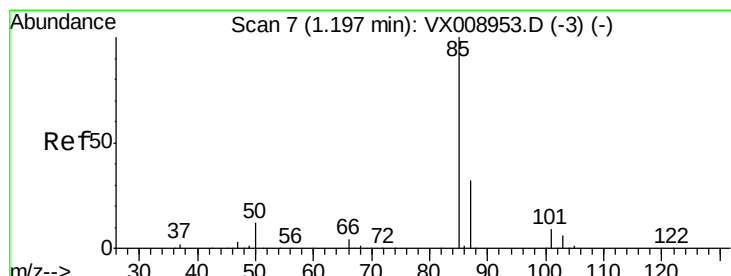
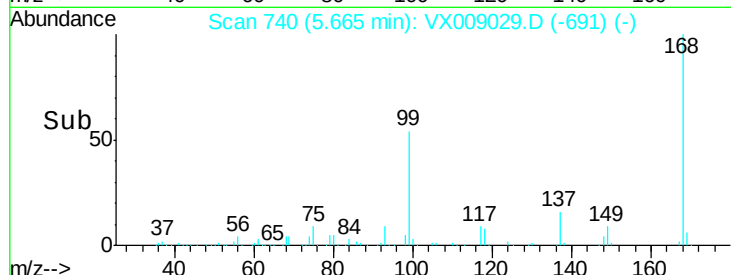
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.675 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009029.D

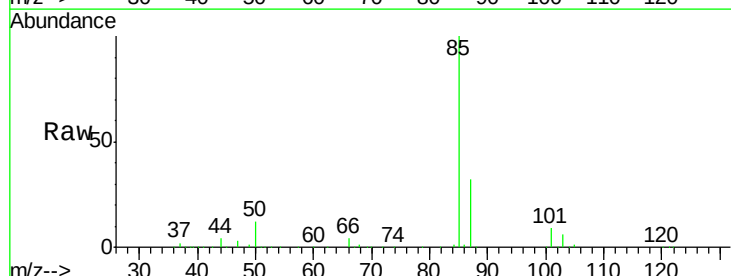
Acq: 17 Apr 2019 20:51

Tgt Ion: 85 Resp: 122886

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

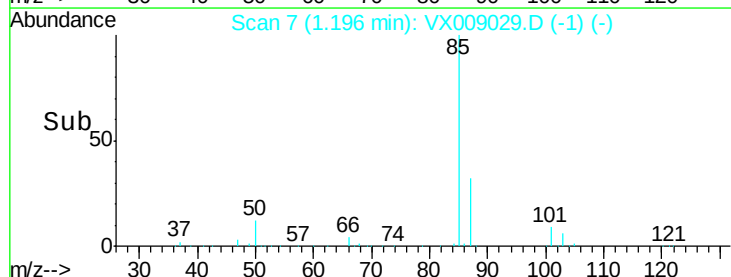
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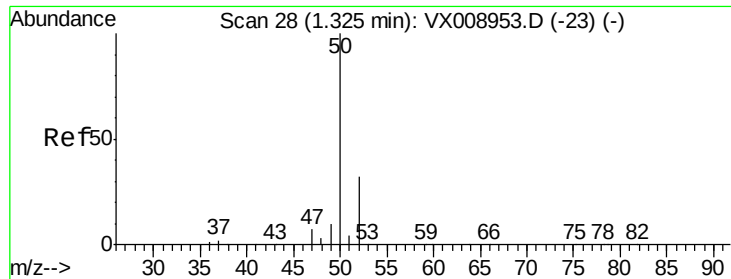
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.521 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 150408

Ion Ratio Lower Upper

50 100

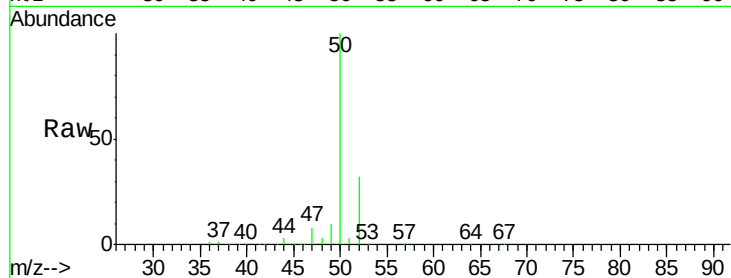
52 31.9 25.5 38.3

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

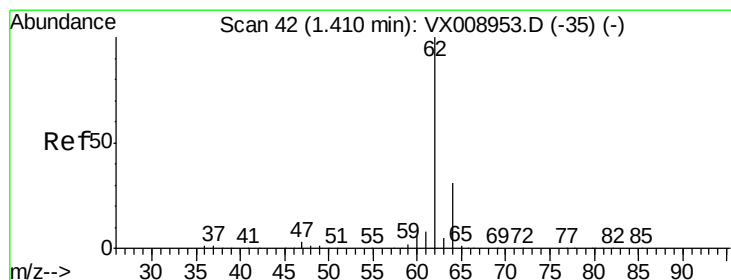
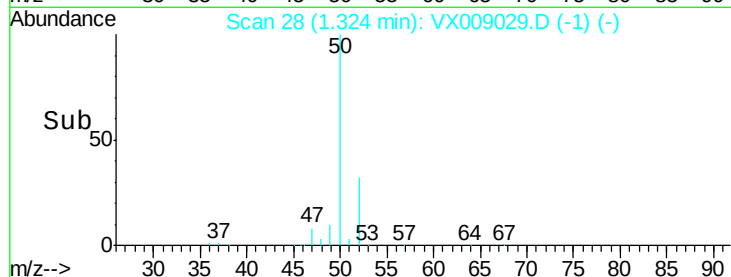
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.998 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009029.D

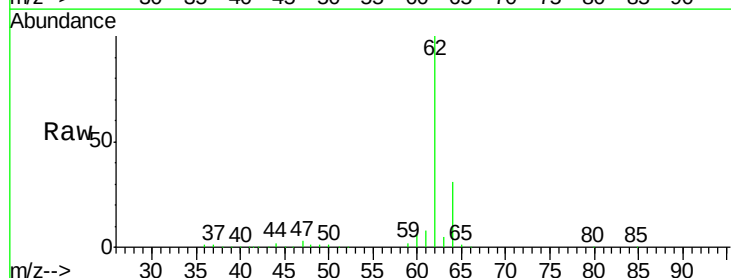
Acq: 17 Apr 2019 20:51

Tgt Ion: 62 Resp: 144875

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

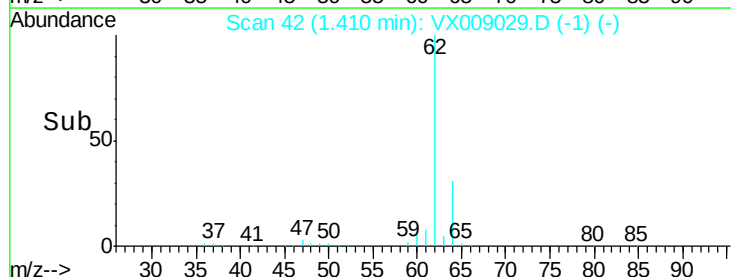
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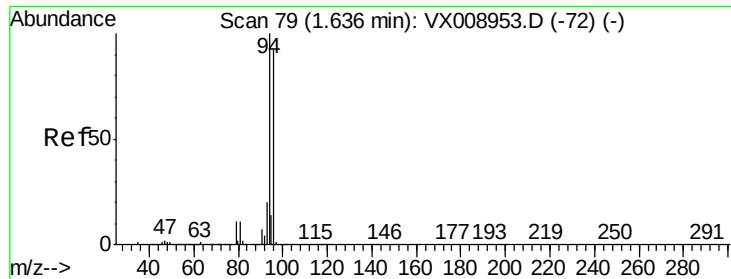
100000

50000

0

Time-->





#5

Bromomethane

Concen: 43.949 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 78830

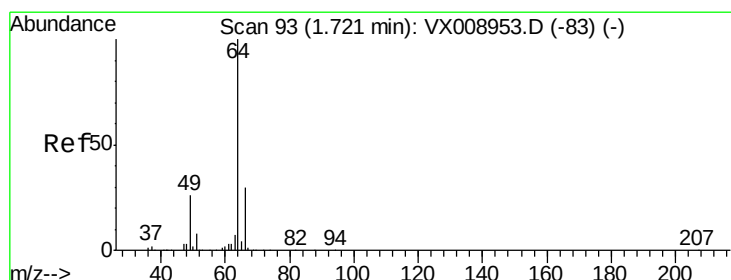
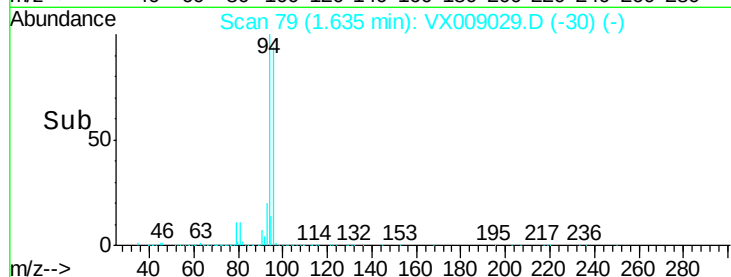
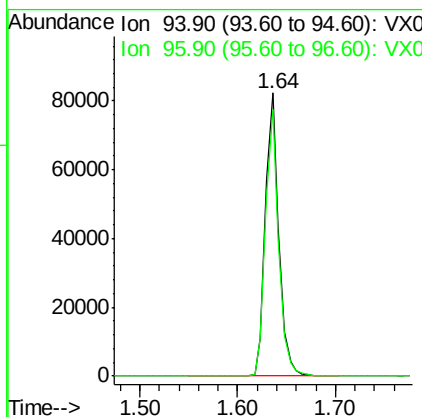
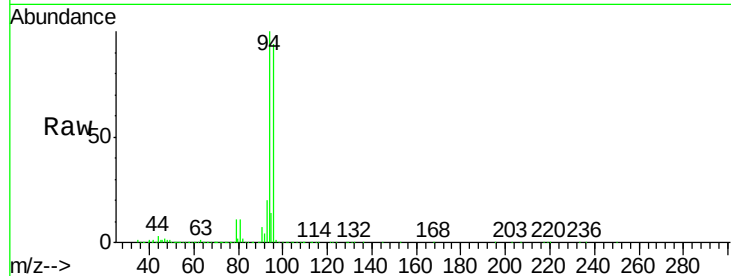
Ion Ratio Lower Upper

94 100

96 94.2 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 49.970 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009029.D

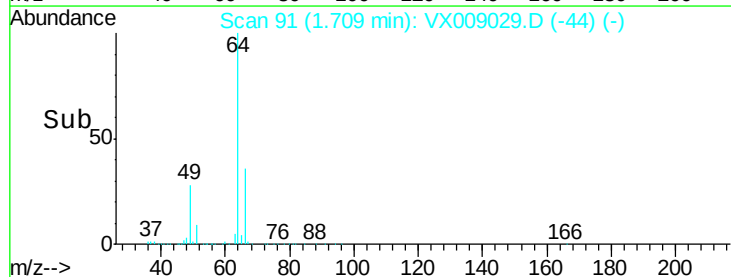
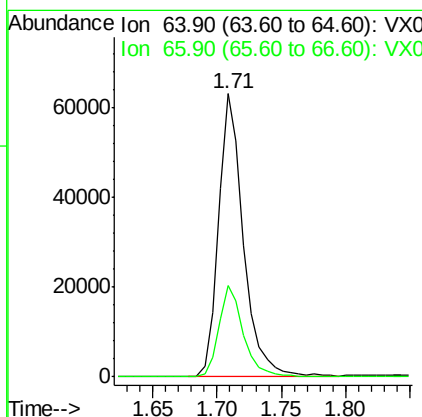
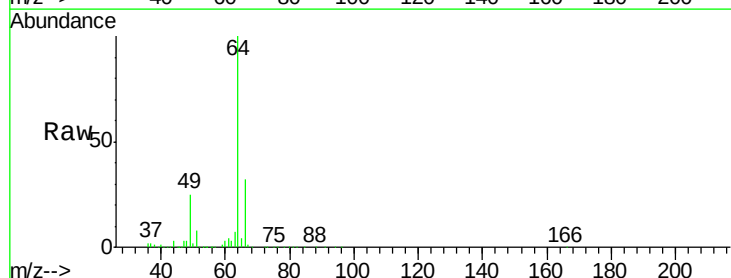
Acq: 17 Apr 2019 20:51

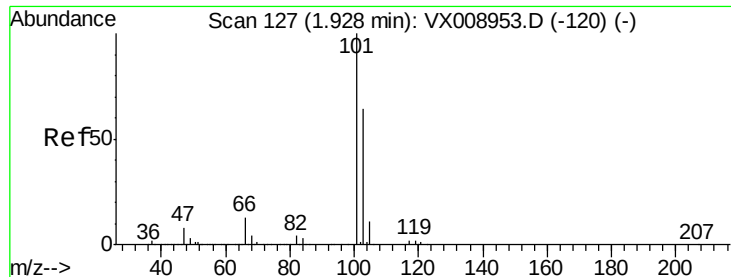
Tgt Ion: 64 Resp: 85144

Ion Ratio Lower Upper

64 100

66 32.0 24.2 36.2





#7

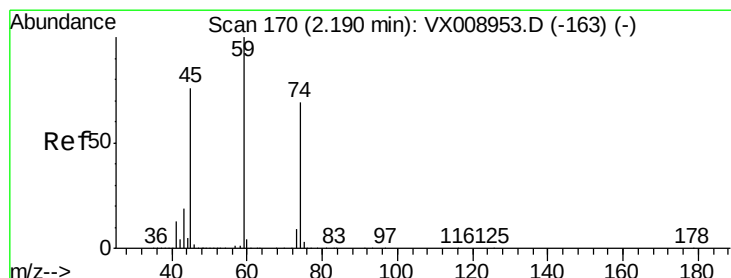
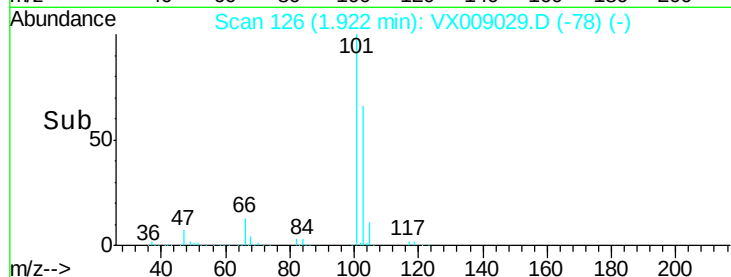
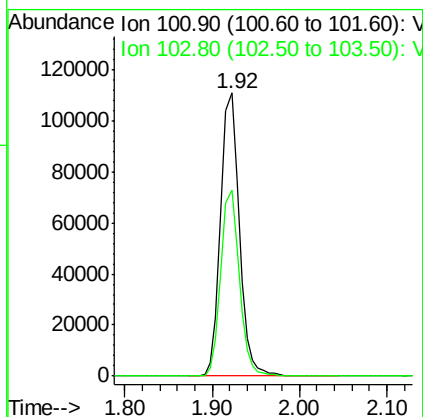
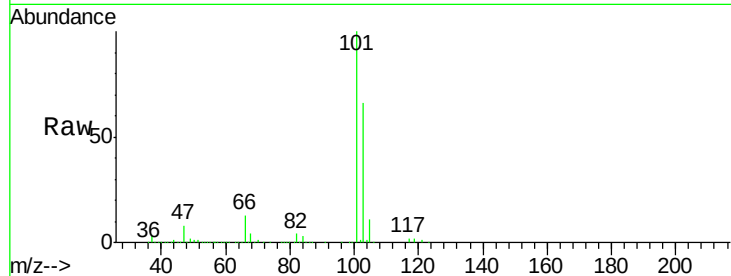
Trichlorofluoromethane
 Concen: 48.580 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009029.D
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.0	76.6

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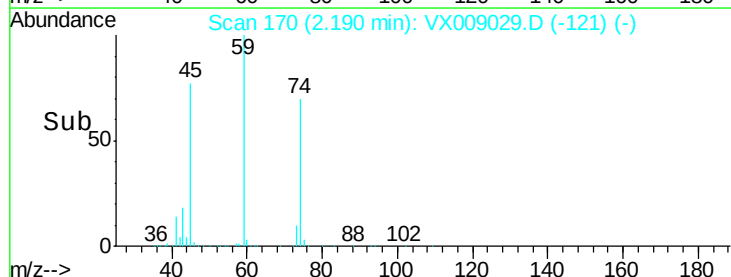
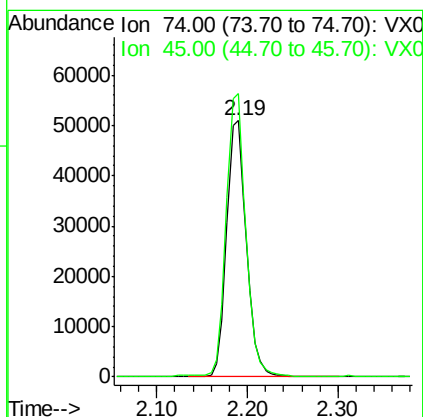
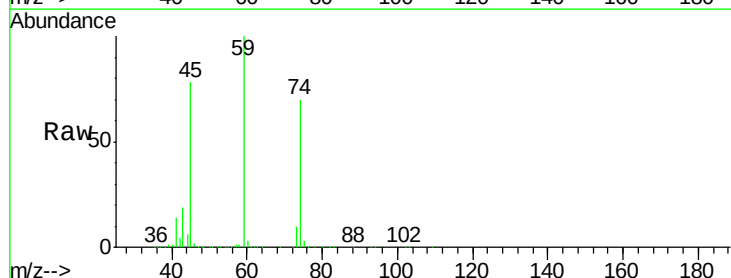
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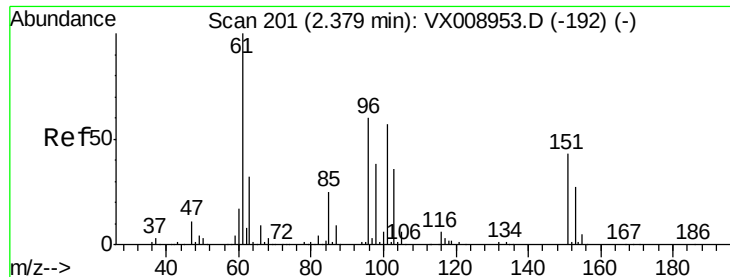


#8

Diethyl Ether
 Concen: 50.021 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.9	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.114 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

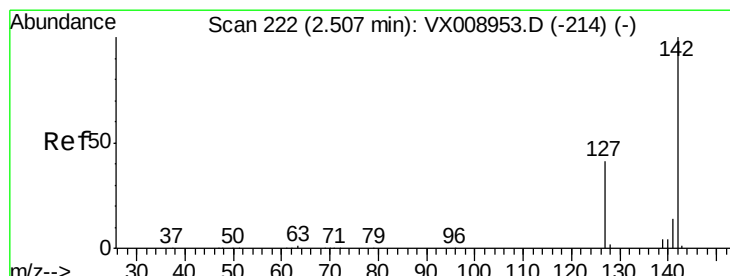
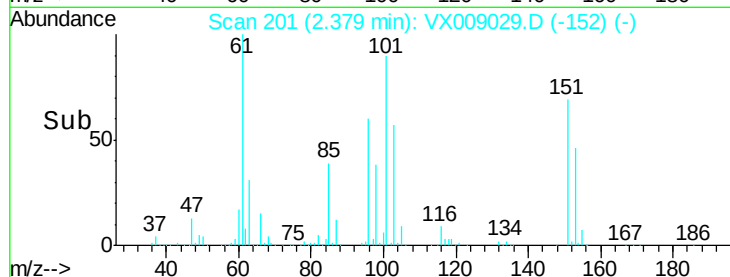
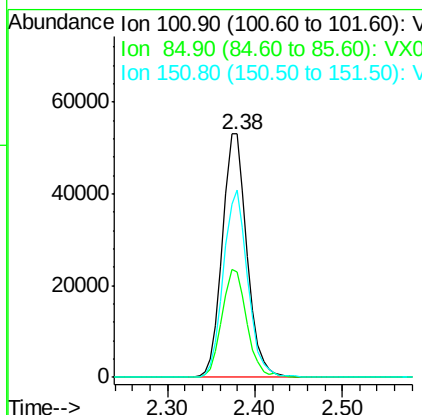
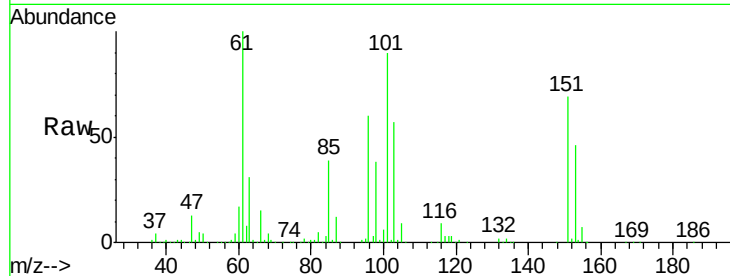
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	104075
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.7	53.5
151	76.0	62.7	94.1

Manual Integrations
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#10

Methyl Iodide

Concen: 50.877 ug/l

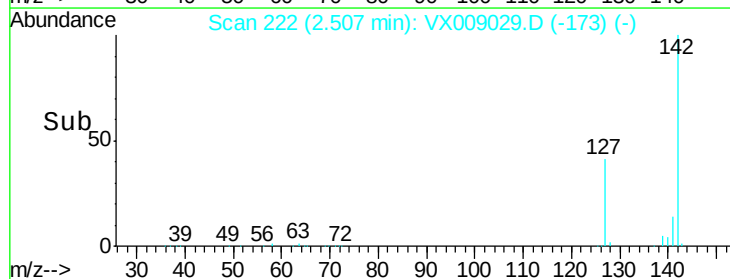
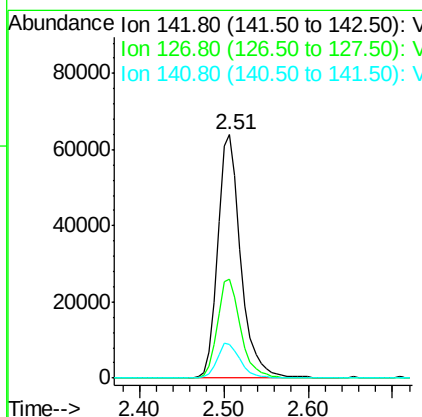
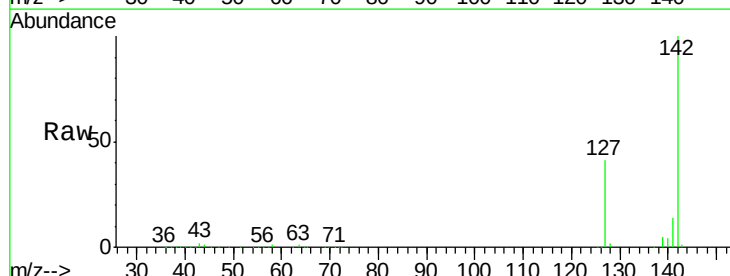
RT: 2.51 min Scan# 222

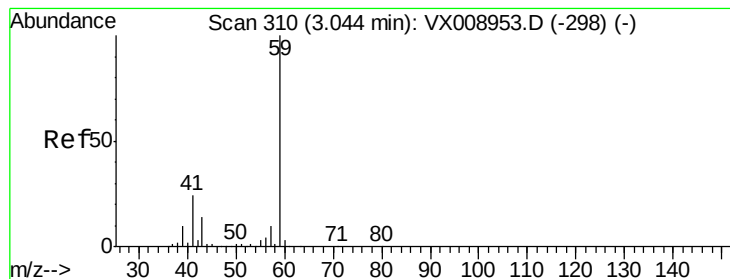
Delta R.T. 0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion:	142	Resp:	120526
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.8	49.2
141	14.5	11.4	17.2





#11

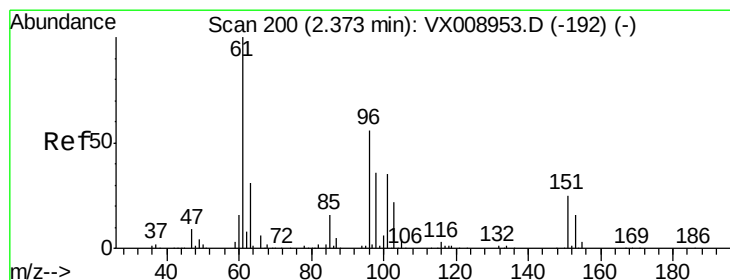
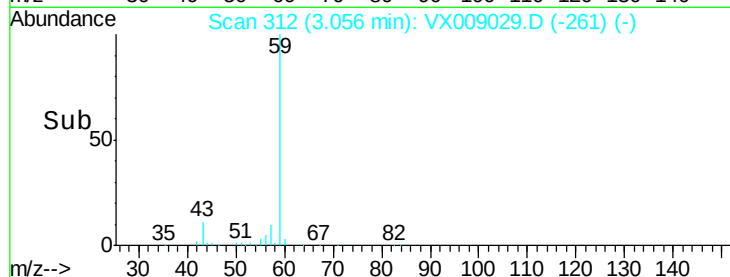
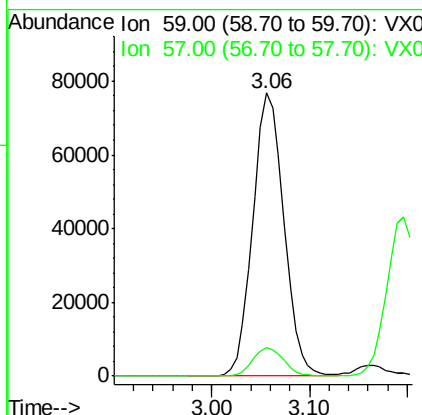
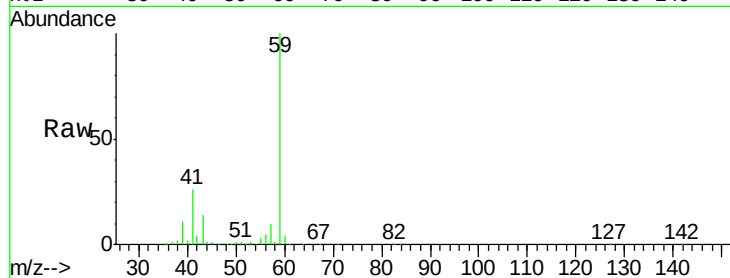
Tert butyl alcohol
 Concen: 258.091 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	169982
Ion Ratio	100	Lower	Upper
57	10.1	8.4	12.6

Manual Integrations
 APPROVED

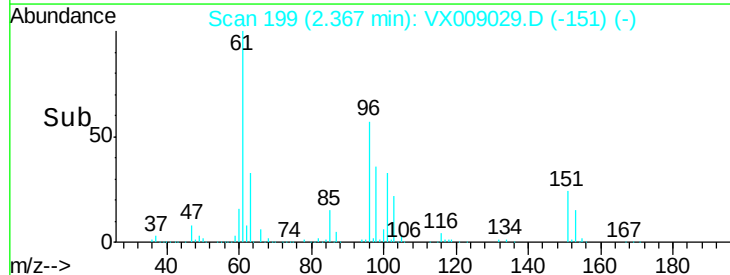
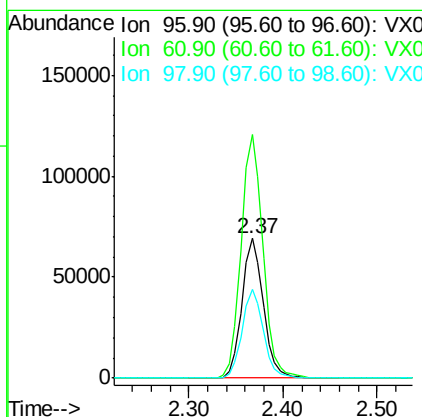
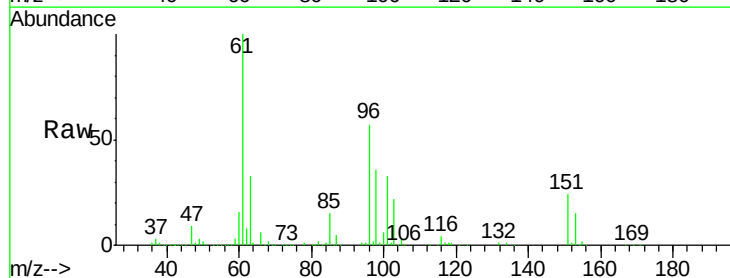
MMDadoda
 4/19/2019 3:01:16 PM

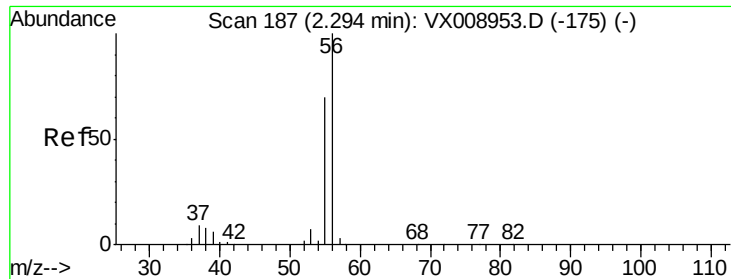


#12

1,1-Dichloroethene
 Concen: 48.634 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion	96	Resp	109805
Ion Ratio	100	Lower	Upper
61	174.0	142.2	213.2
98	63.1	50.9	76.3





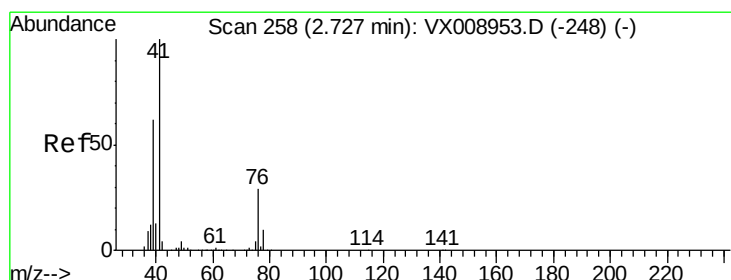
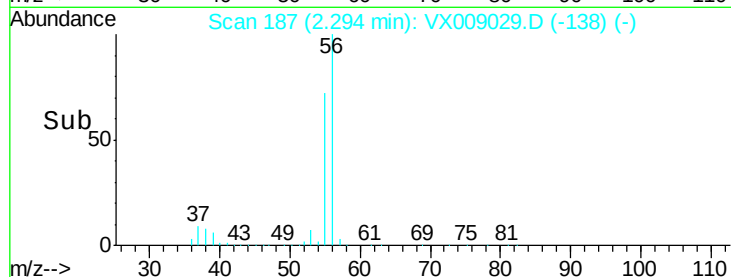
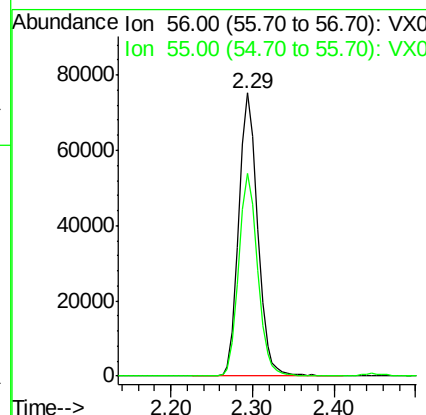
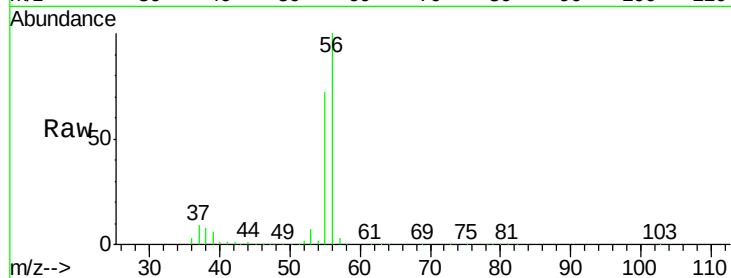
#13
Acrolein
Concen: 210.645 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.6	84.8

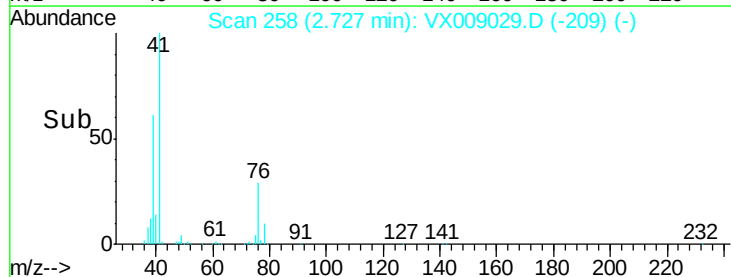
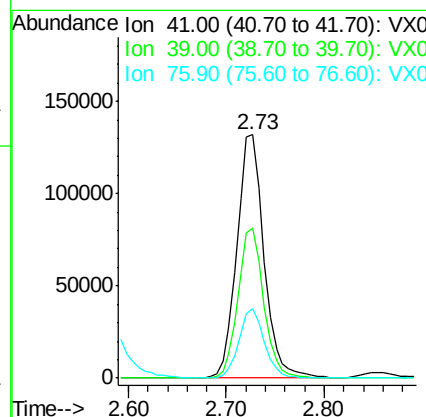
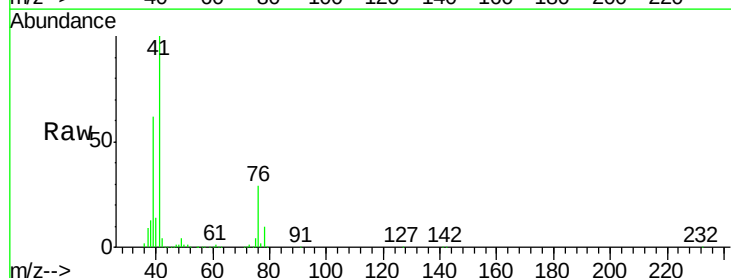
Manual Integrations
APPROVED

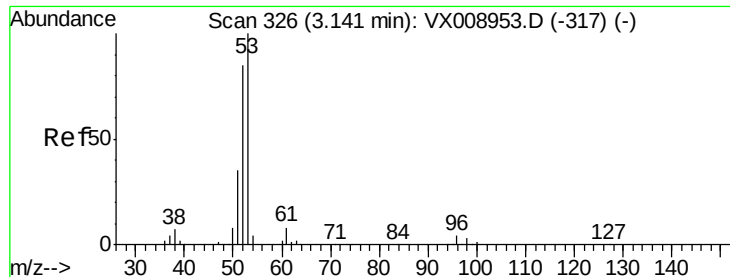
MMDadoda
4/19/2019 3:01:16 PM



#14
Allyl chloride
Concen: 51.551 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.7	46.7	70.1
76	26.8	22.0	33.0





#15

Acrylonitrile

Concen: 264.045 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

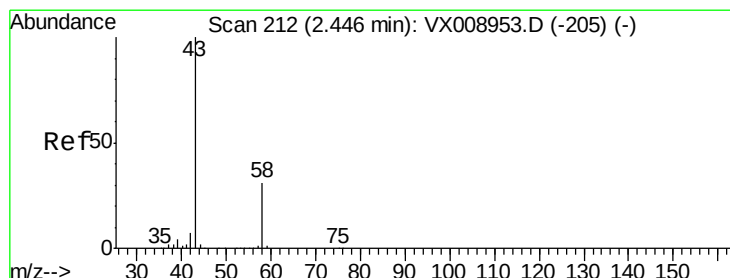
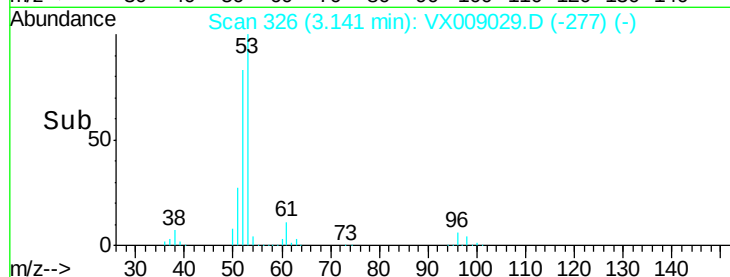
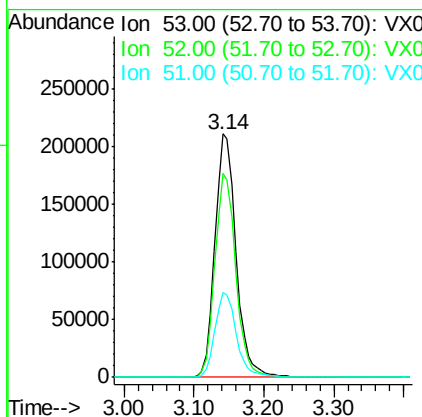
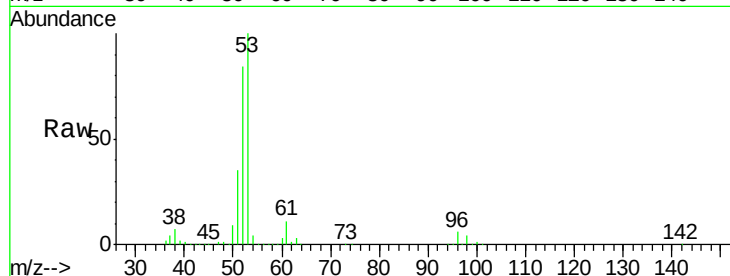
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	441451
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	100.0
51	35.3	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 248.169 ug/l

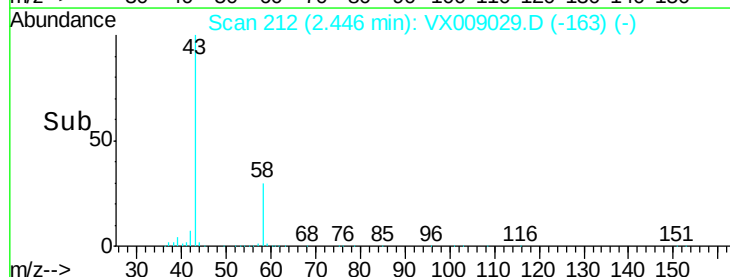
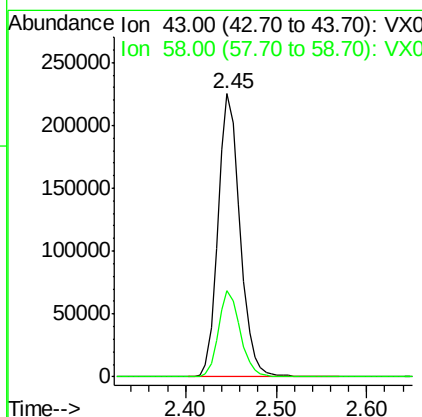
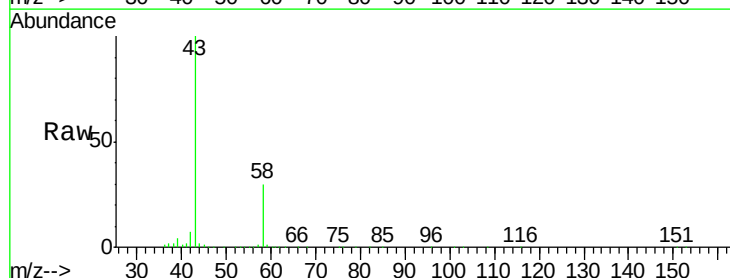
RT: 2.45 min Scan# 212

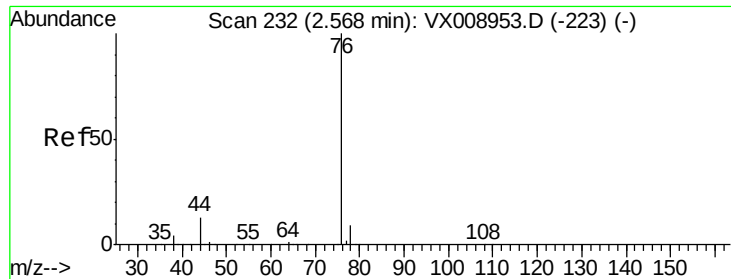
Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion:	43	Resp:	381847
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.8	37.2





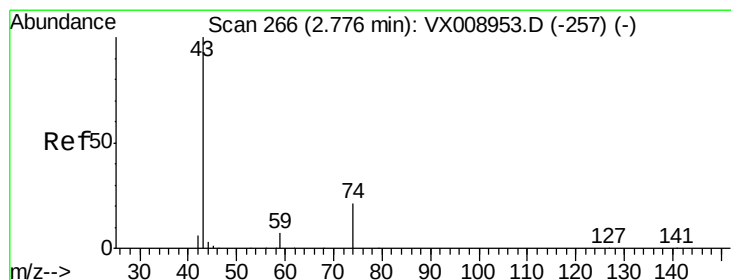
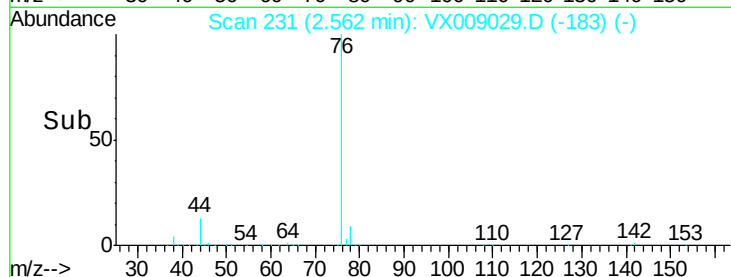
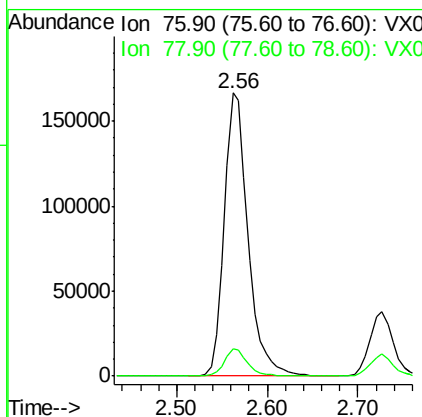
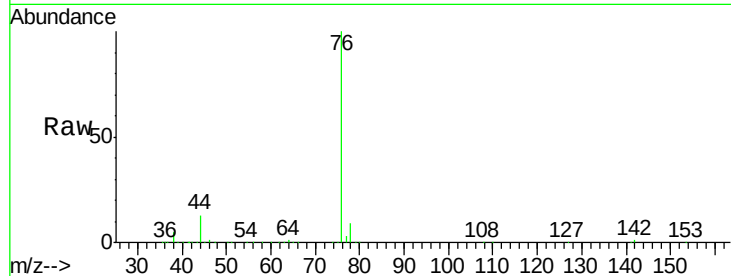
#17
Carbon Disulfide
Concen: 46.024 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

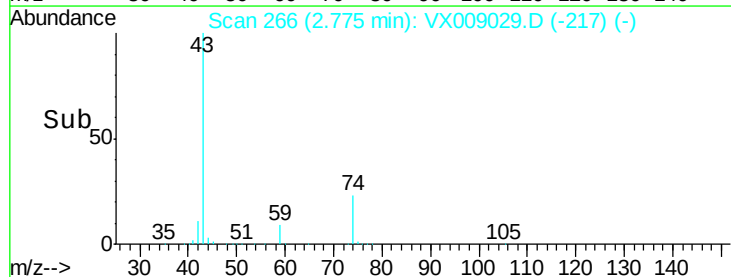
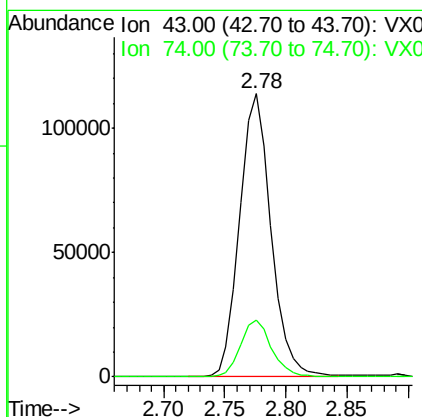
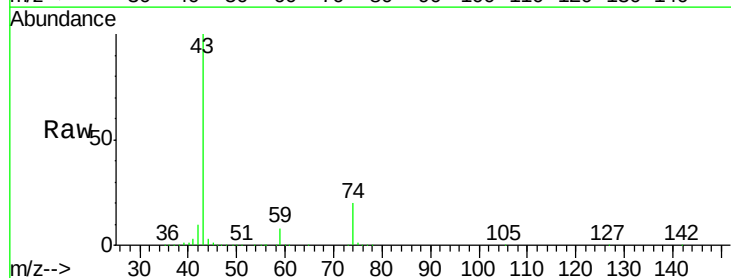
Manual Integrations
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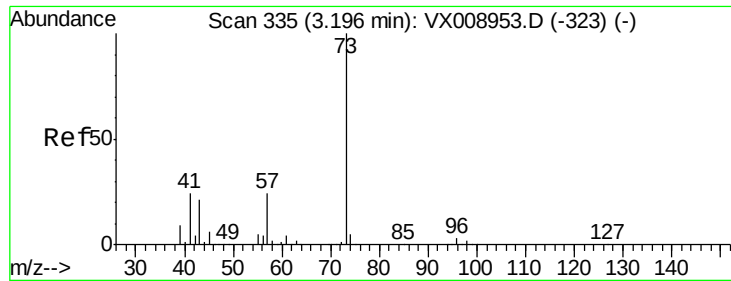
MMDadoda
4/19/2019 3:01:16 PM



#18
Methyl Acetate
Concen: 52.780 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.6	16.6	25.0





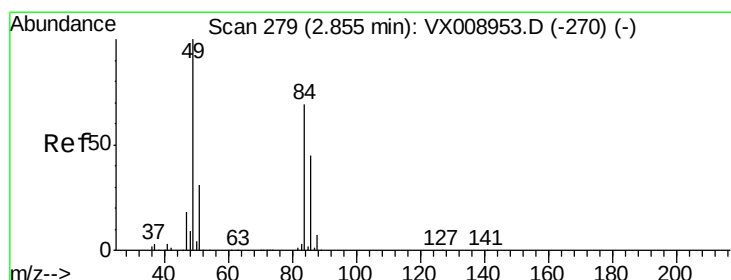
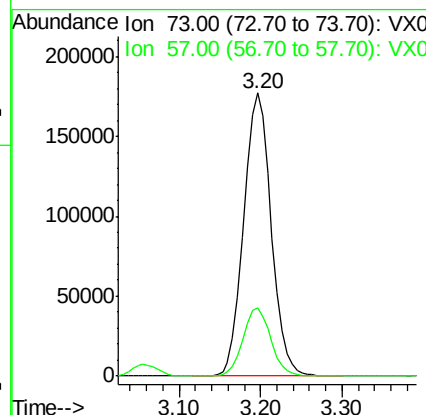
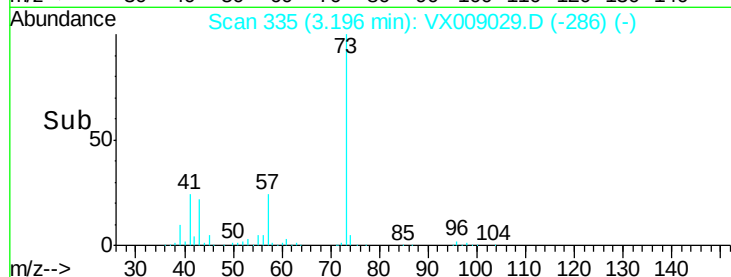
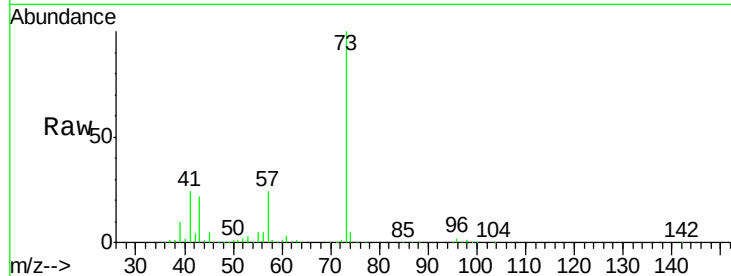
#19
Methyl tert-butyl Ether
Concen: 51.471 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 414074
Ion Ratio Lower Upper
73 100
57 24.3 19.2 28.8

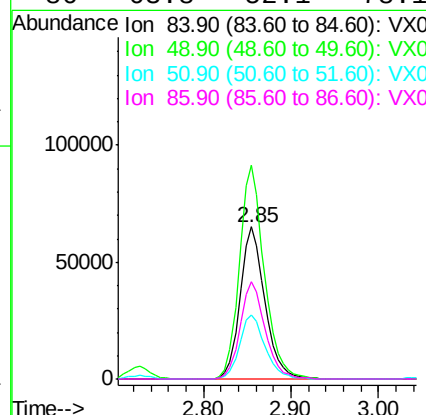
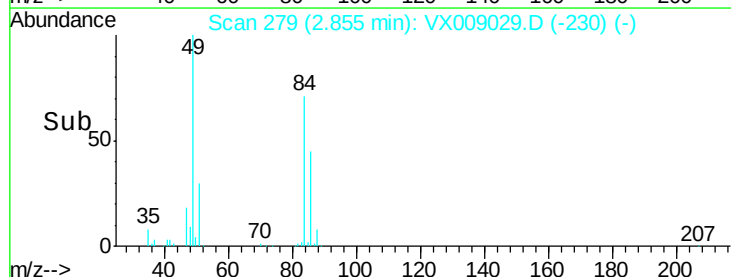
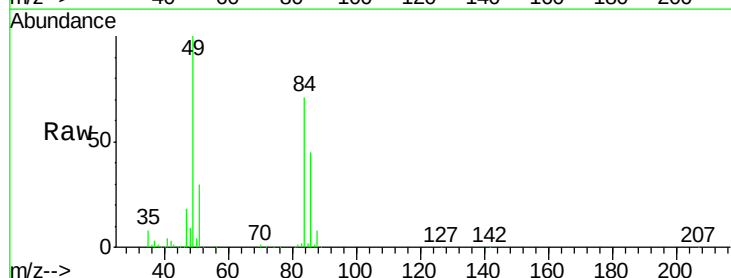
Manual Integrations
APPROVED

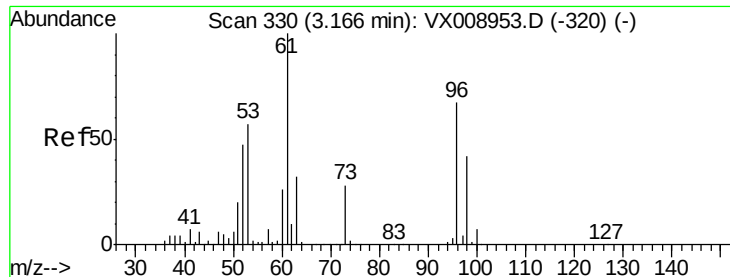
MMDadoda
4/19/2019 3:01:16 PM



#20
Methylene Chloride
Concen: 48.943 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 84 Resp: 128783
Ion Ratio Lower Upper
84 100
49 140.2 115.4 173.0
51 42.4 35.8 53.6
86 63.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 47.877 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

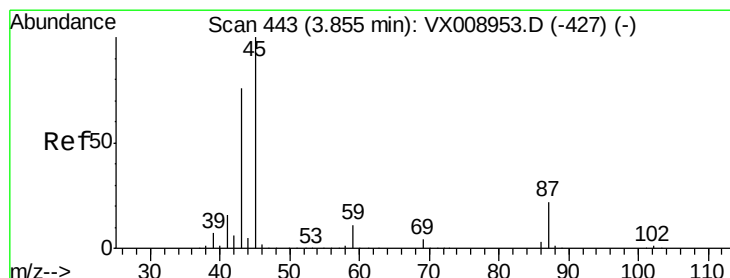
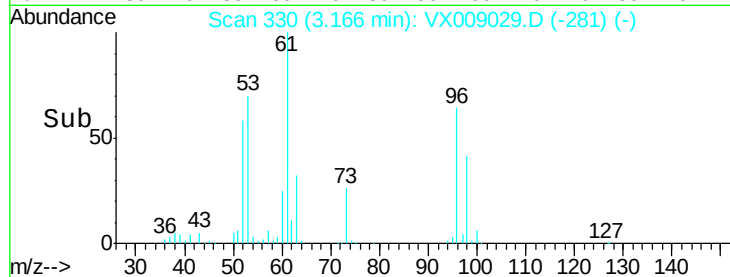
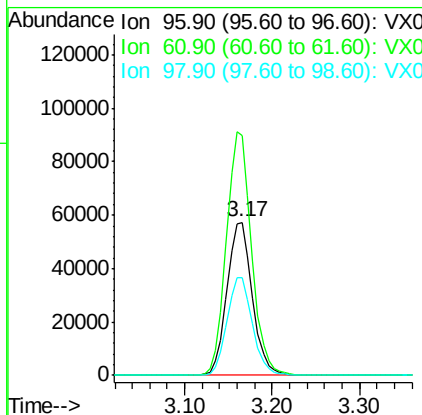
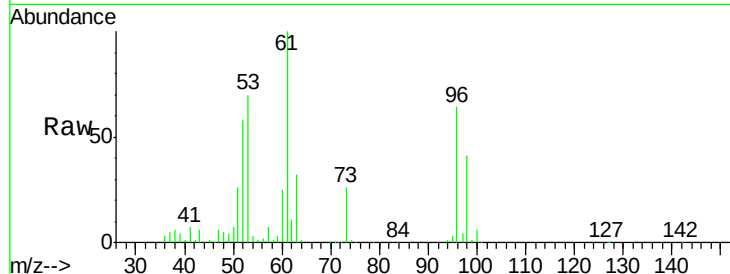
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	115297
Ion	Ratio	Lower	Upper
96	100		
61	156.6	120.3	180.5
98	63.6	50.2	75.2

Manual Integrations
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MMDadoda
4/19/2019 3:01:16 PM



#22

Diisopropyl ether

Concen: 52.288 ug/l

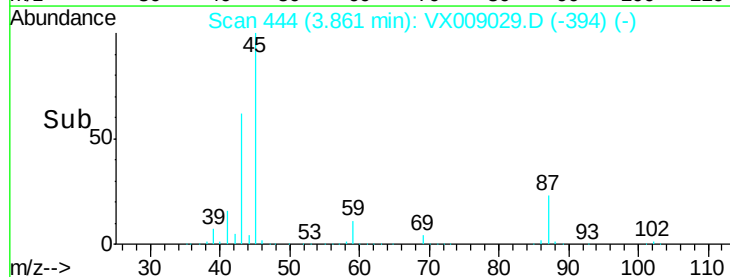
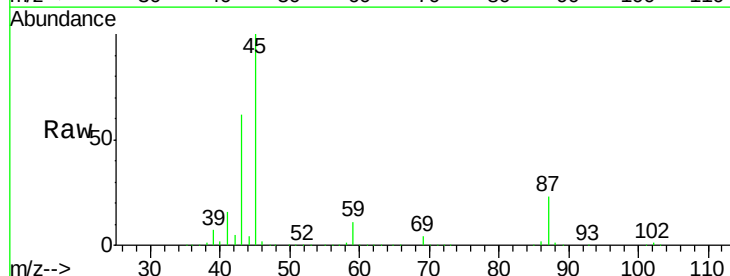
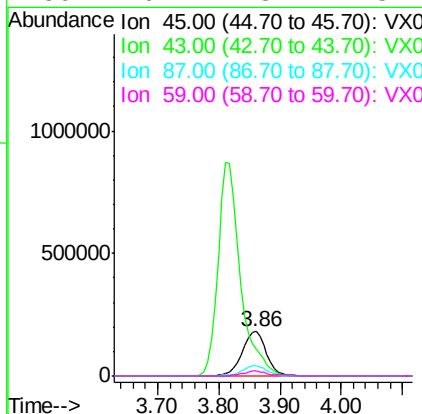
RT: 3.86 min Scan# 444

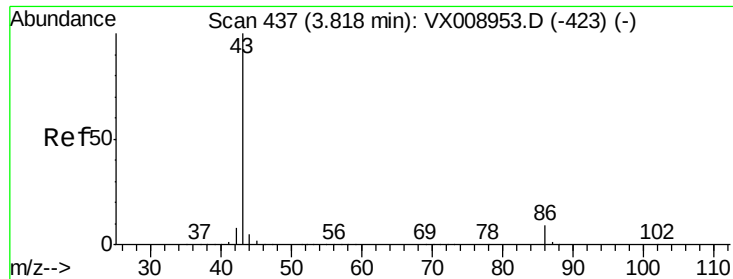
Delta R.T. 0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion:	45	Resp:	500482
Ion	Ratio	Lower	Upper
45	100		
43	62.0	60.6	91.0
87	23.4	17.8	26.8
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 266.181 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2239609

Ion Ratio Lower Upper

43 100

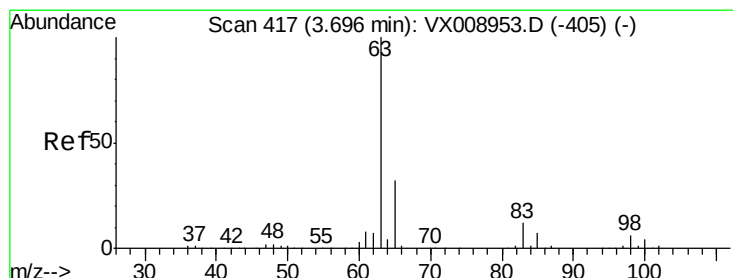
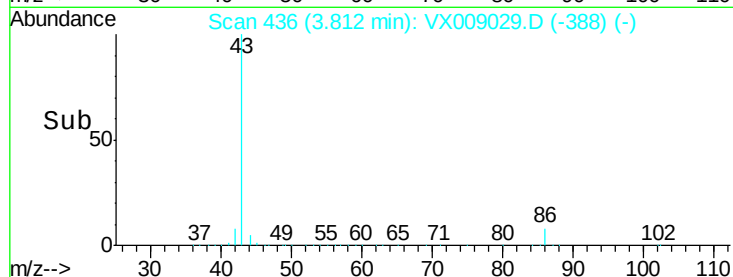
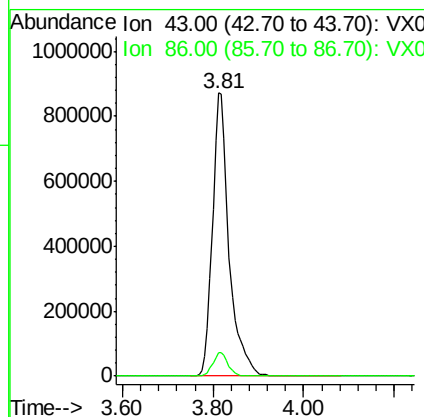
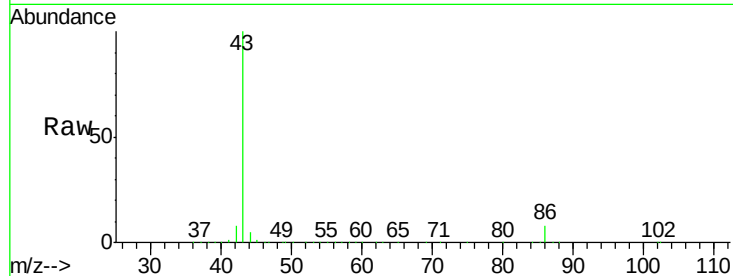
86 8.2 7.1 10.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.611 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

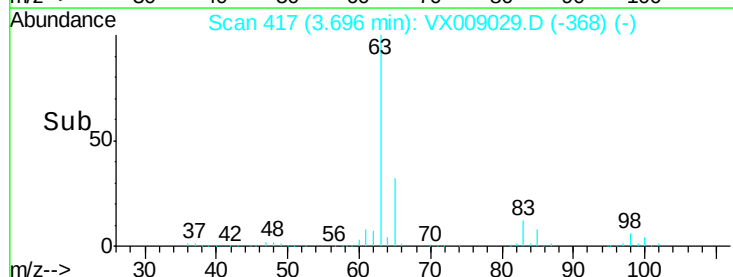
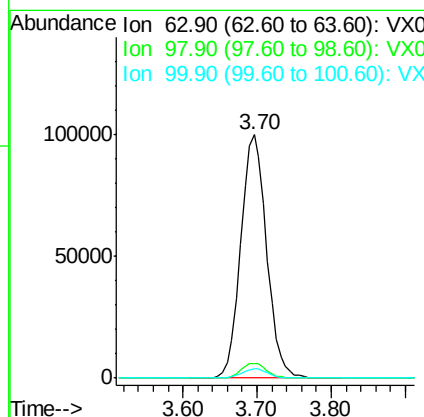
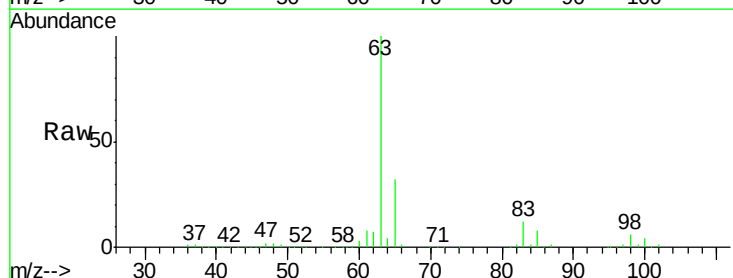
Tgt Ion: 63 Resp: 243175

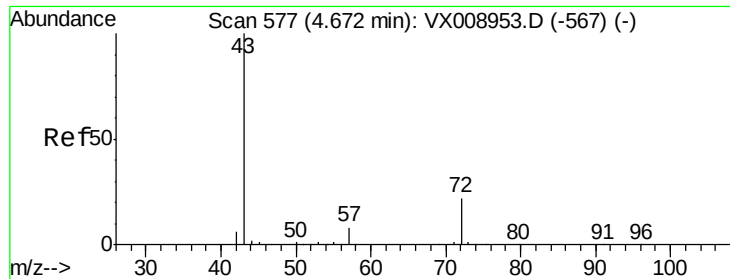
Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 266.476 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 655382

Ion Ratio Lower Upper

43 100

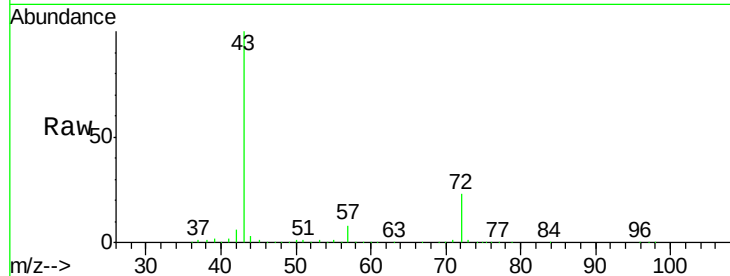
72 22.5 17.5 26.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

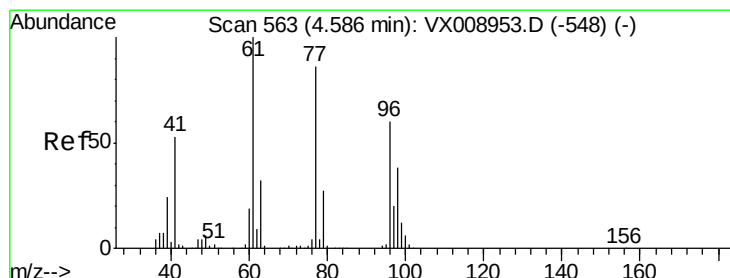
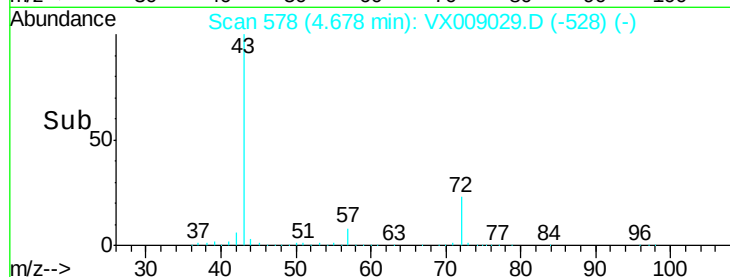
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 41.644 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009029.D

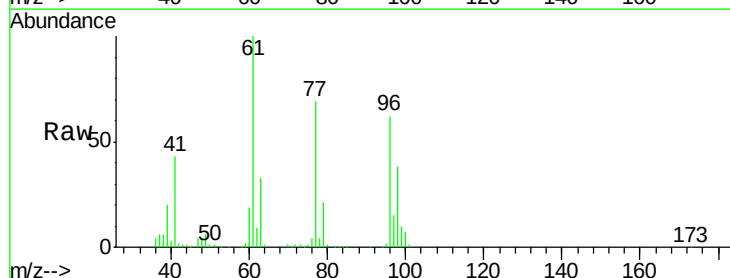
Acq: 17 Apr 2019 20:51

Tgt Ion: 77 Resp: 149986

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

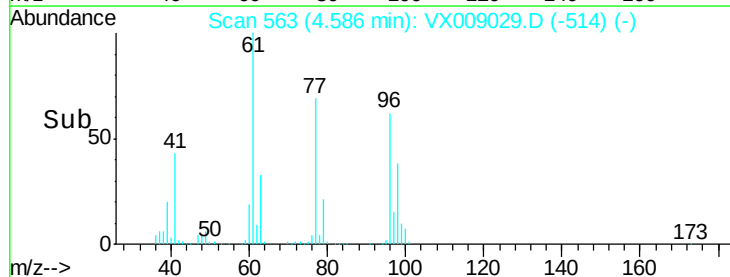
20000

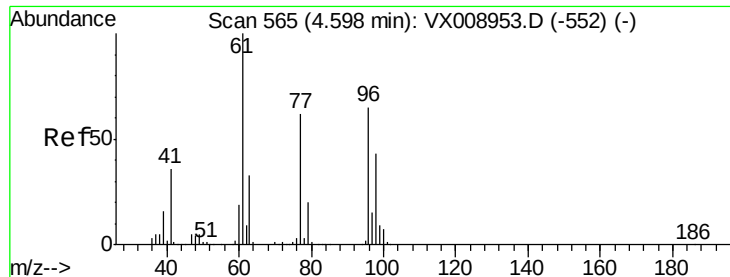
10000

0

Time-->

4.40 4.50 4.60 4.70





#27

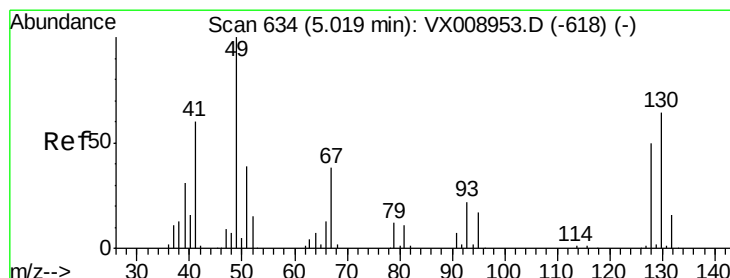
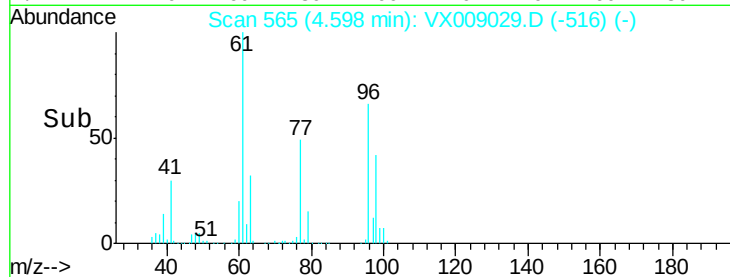
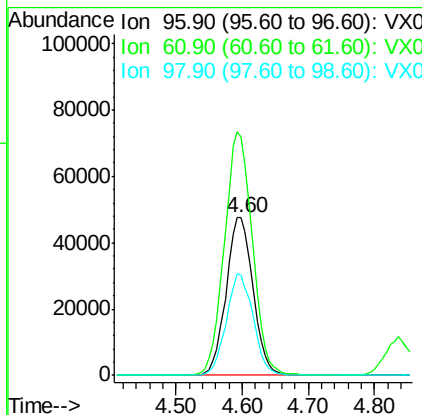
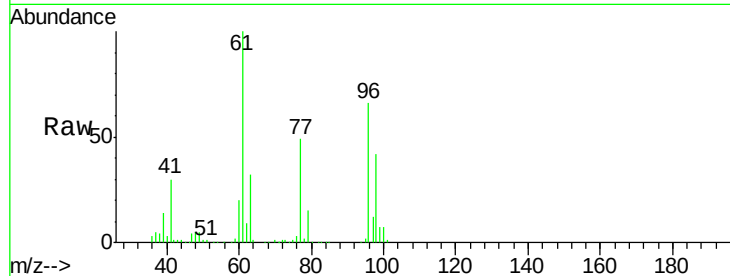
cis-1,2-Dichloroethene
Concen: 49.196 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	159.7	0.0	322.0	
98	63.8	0.0	128.4	

Manual Integrations
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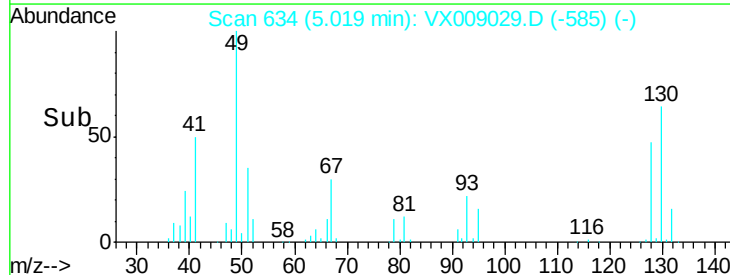
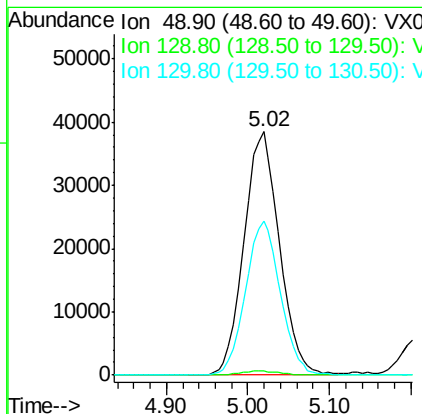
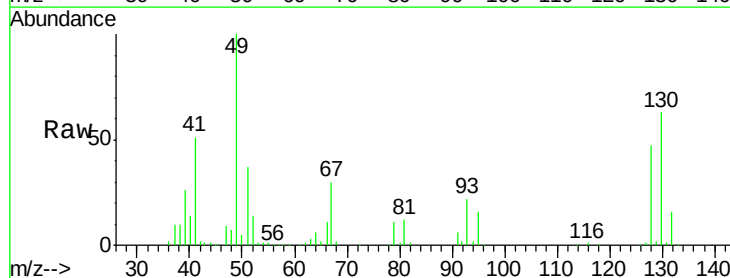
MMDadoda
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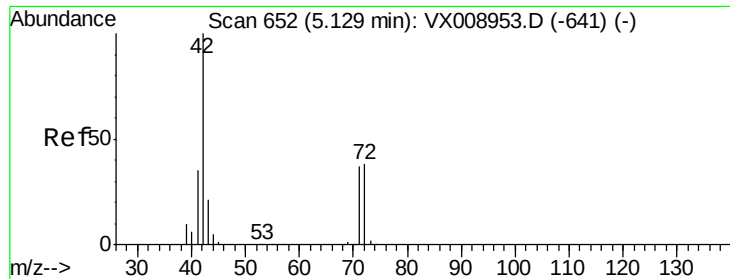


#28

Bromochloromethane
Concen: 58.685 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.6	
130	62.3	50.4	75.6	





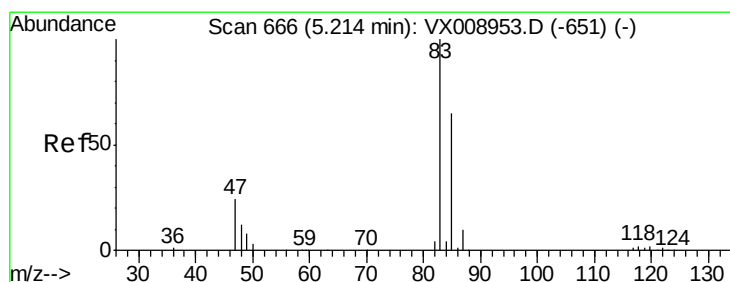
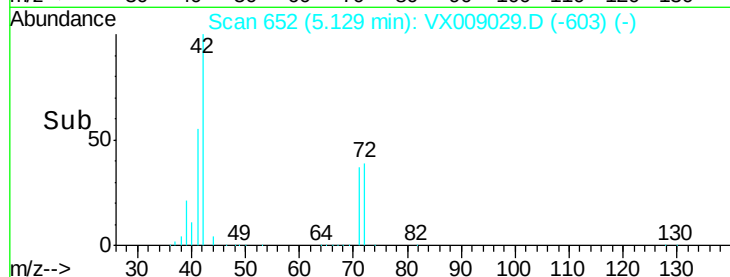
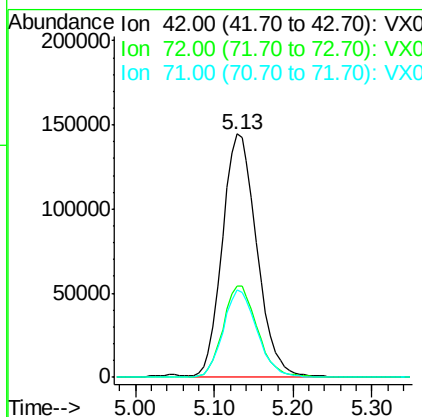
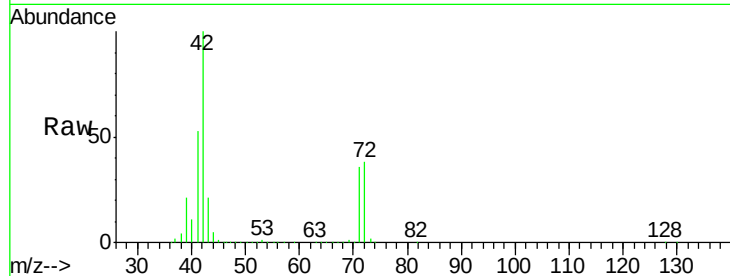
#29
Tetrahydrofuran
Concen: 265.566 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.6	45.8
71	35.5	28.8	43.2

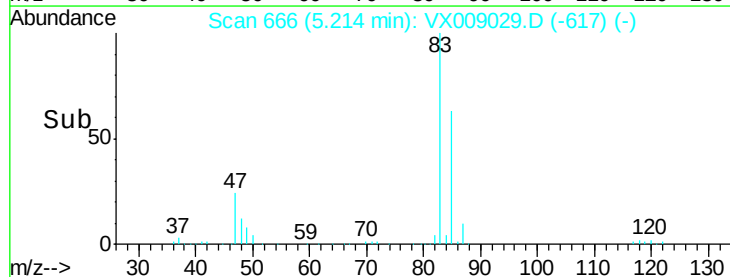
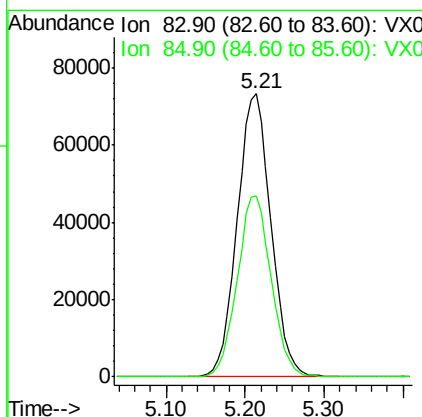
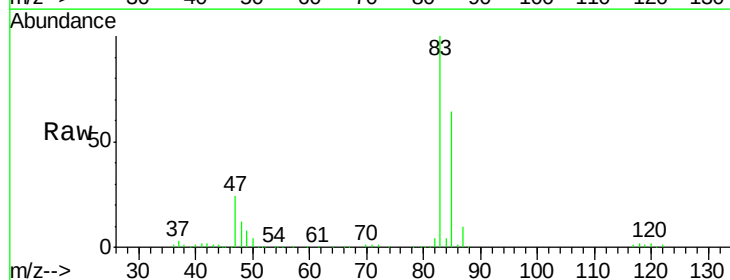
Manual Integrations
APPROVED

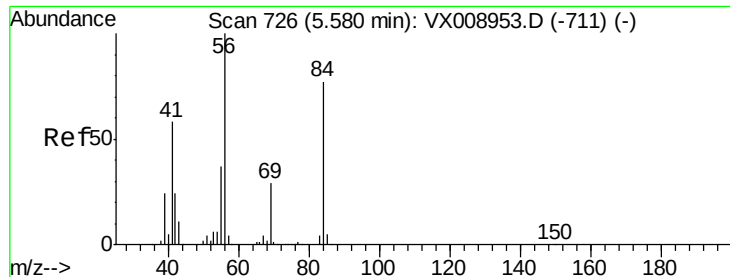
MMDadoda
4/19/2019 3:01:16 PM



#30
Chloroform
Concen: 50.688 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.9	77.9





#31

Cyclohexane

Concen: 49.361 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

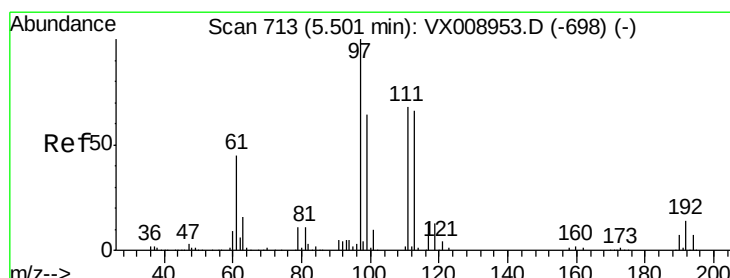
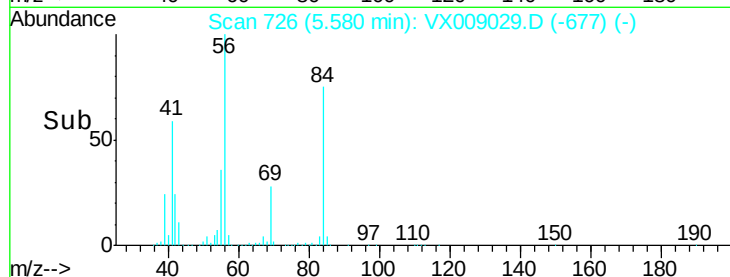
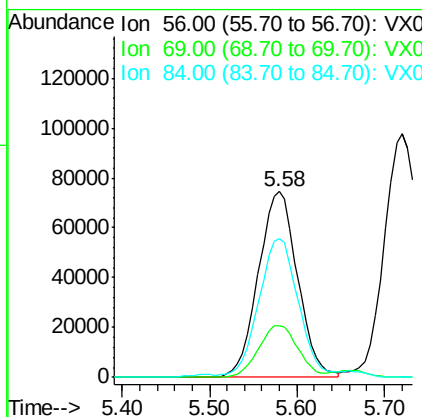
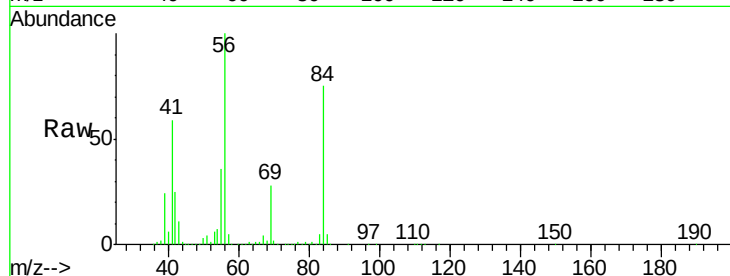
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	233270
Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.3	34.9
84	74.0	61.7	92.5

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 50.590 ug/l

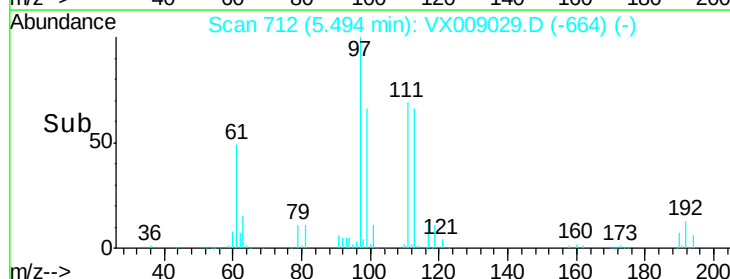
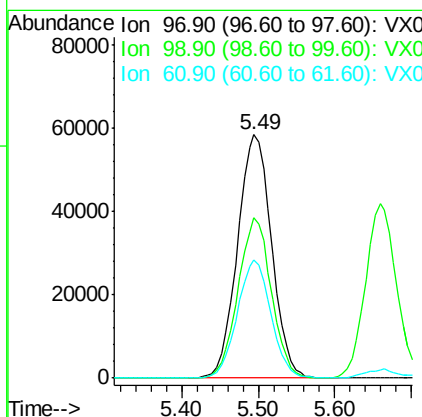
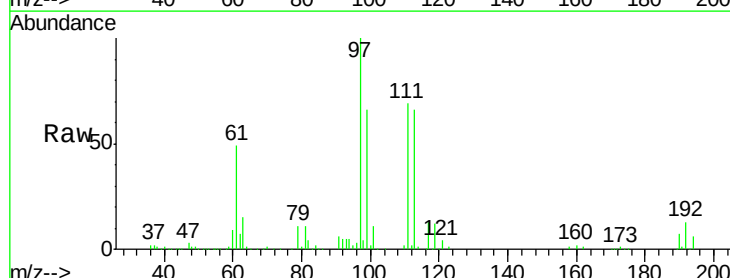
RT: 5.49 min Scan# 712

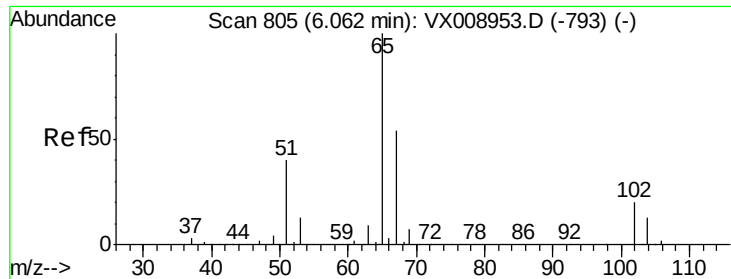
Delta R.T. -0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion:	97	Resp:	180278
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	48.1	37.9	56.9





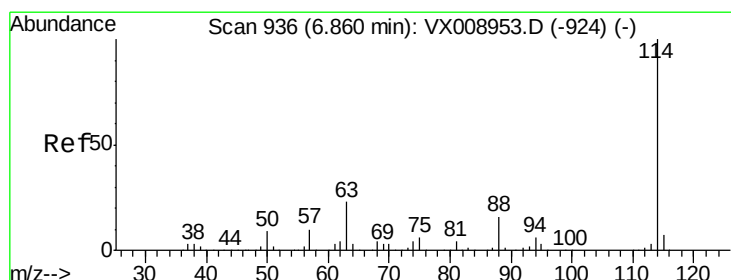
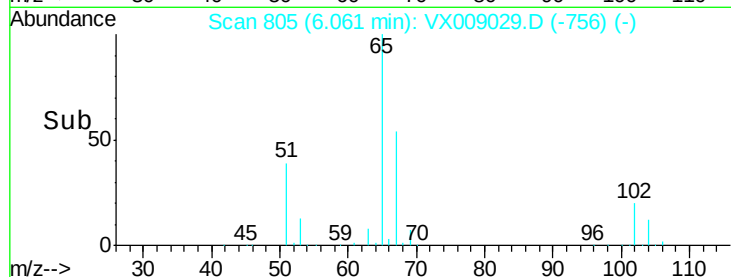
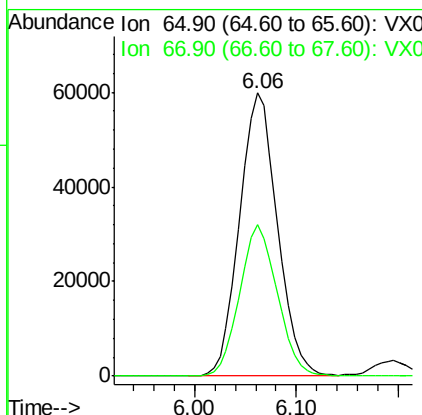
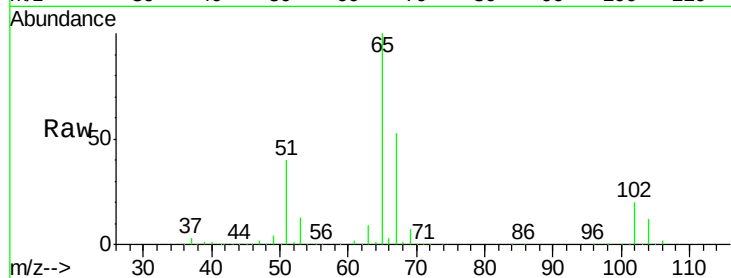
#33
 1,2-Dichloroethane-d4
 Concen: 52.129 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.6

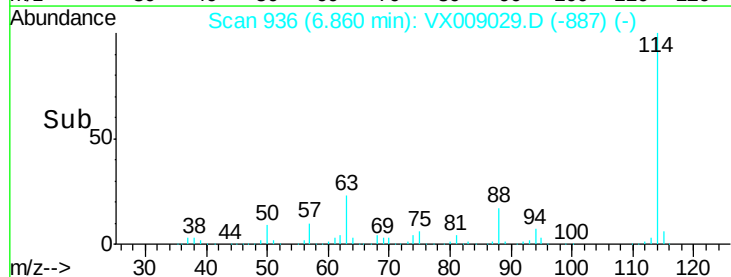
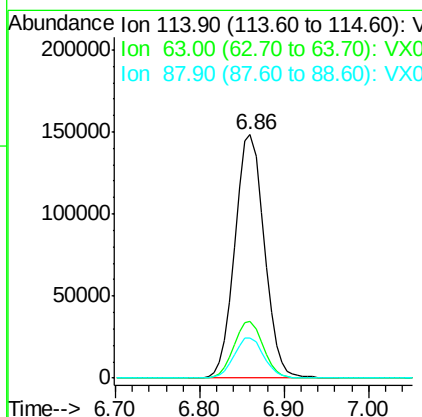
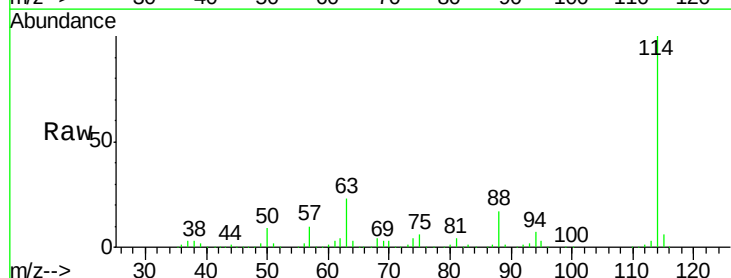
Manual Integrations
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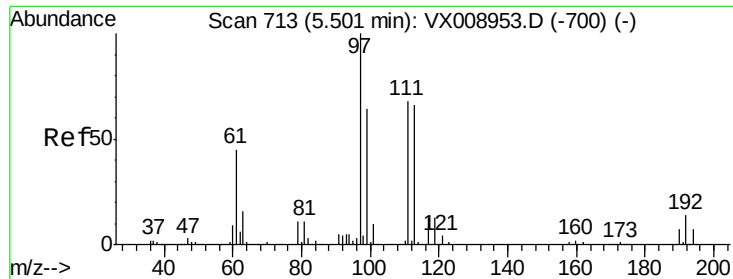
MMDadoda
 4/19/2019 3:01:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.0
88	16.6	0.0	32.6





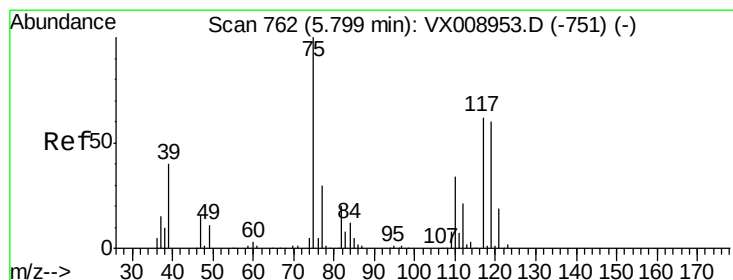
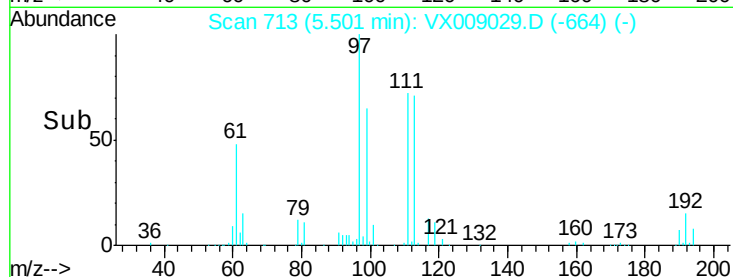
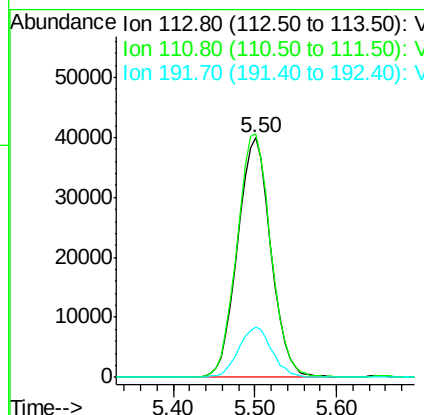
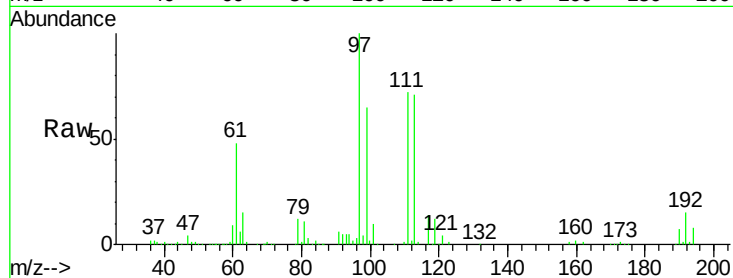
#35
 Dibromofluoromethane
 Concen: 50.191 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113049		
111	102.8	82.9	124.3	
192	21.0	17.4	26.0	

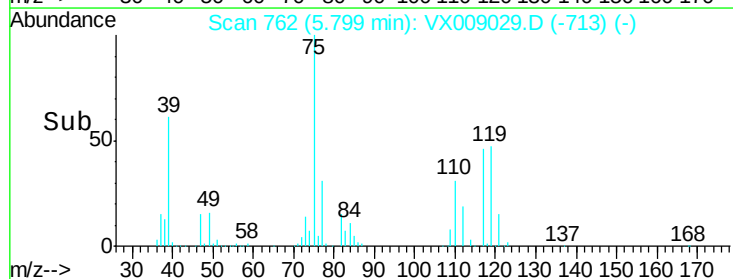
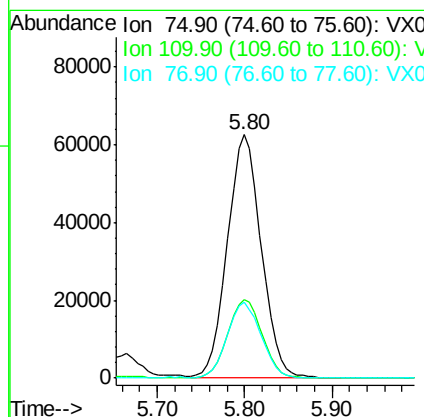
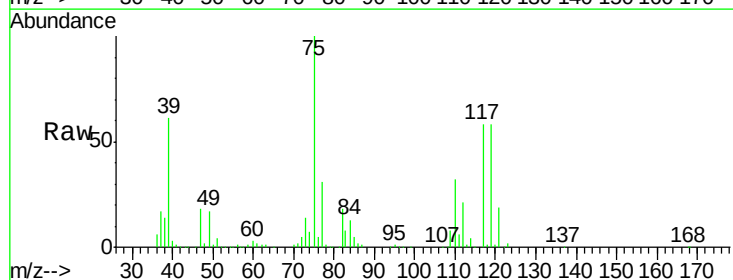
Manual Integrations
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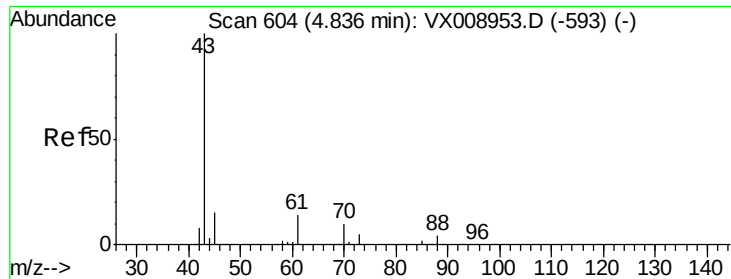
MMDadoda
 4/19/2019 3:01:16 PM



#36
 1,1-Dichloropropene
 Concen: 46.284 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	167997		
110	33.2	16.9	50.7	
77	31.3	25.0	37.4	





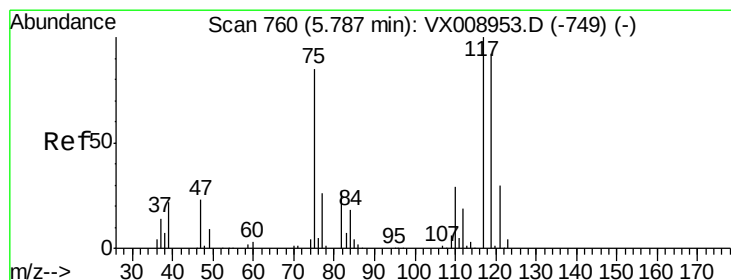
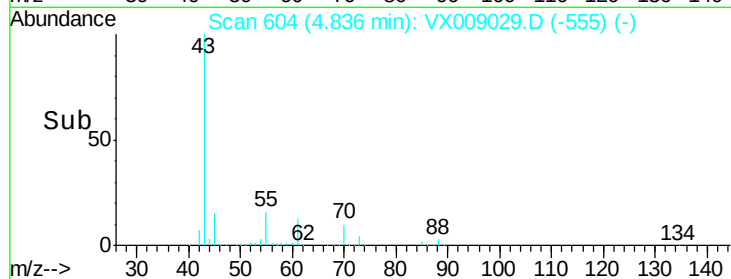
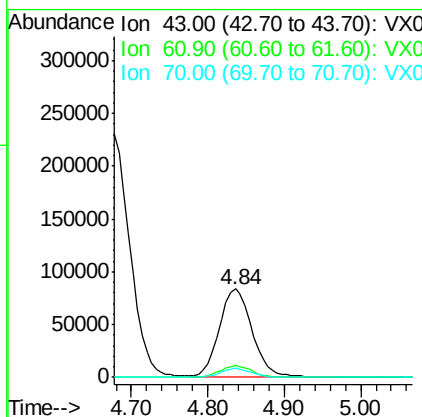
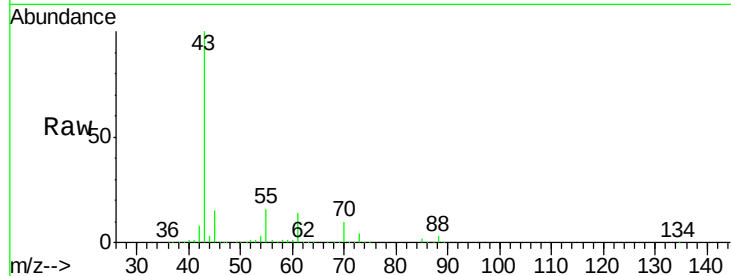
#37
Ethyl Acetate
Concen: 53.108 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.6	15.8
70	9.4	7.7	11.5

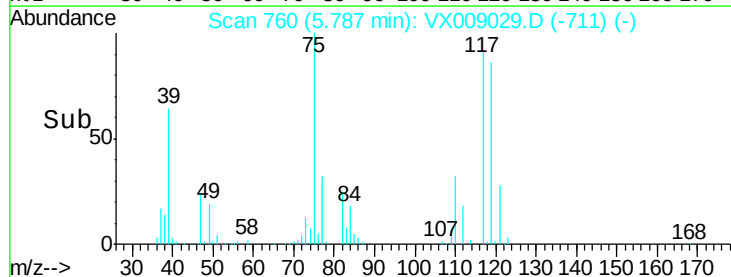
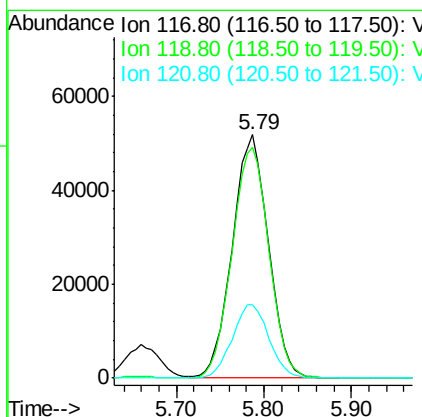
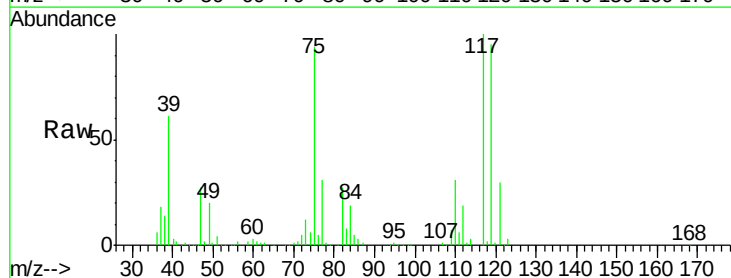
Manual Integrations
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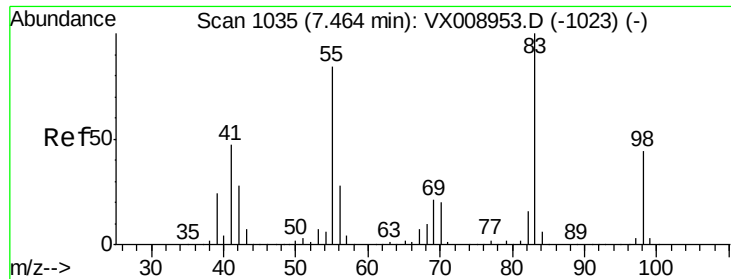
MMDadoda
4/19/2019 3:01:16 PM



#38
Carbon Tetrachloride
Concen: 48.218 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	73.8	110.8
121	30.1	23.6	35.4





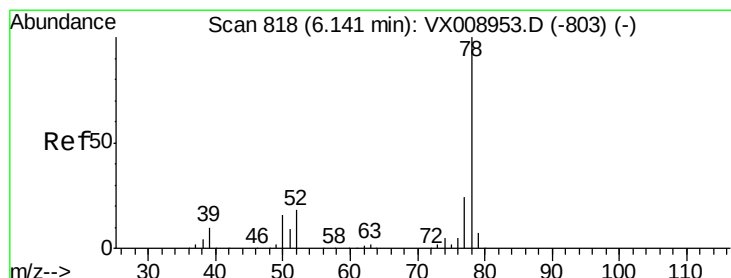
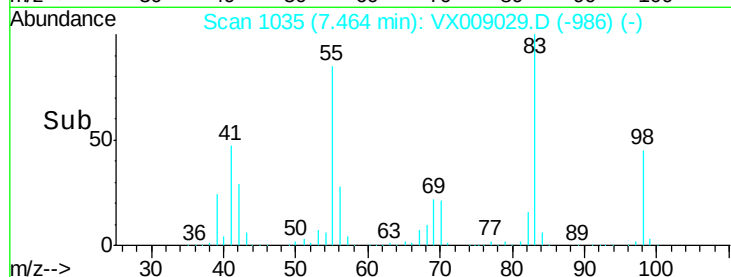
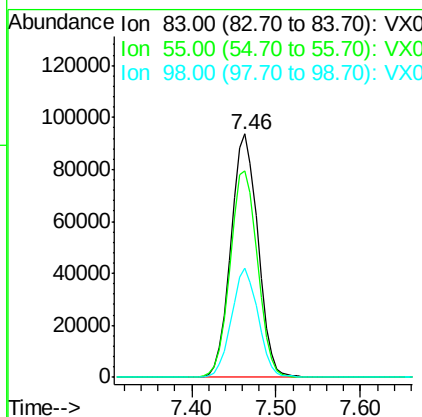
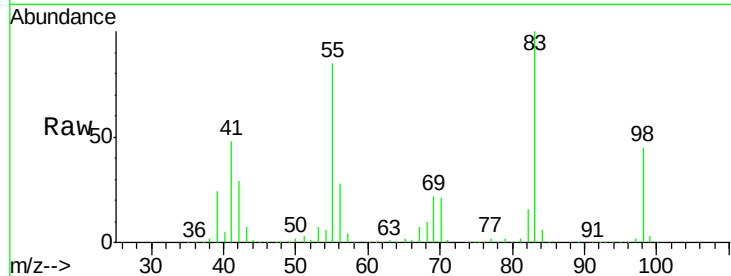
#39
Methylvlcyclohexane
Concen: 46.001 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	203290
Ion Ratio	Lower	Upper	
83	100		
55	85.0	67.1	100.7
98	44.7	35.1	52.7

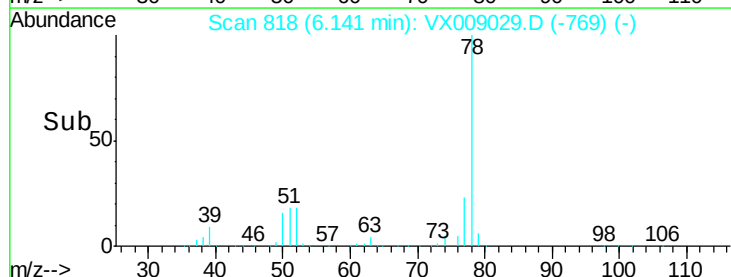
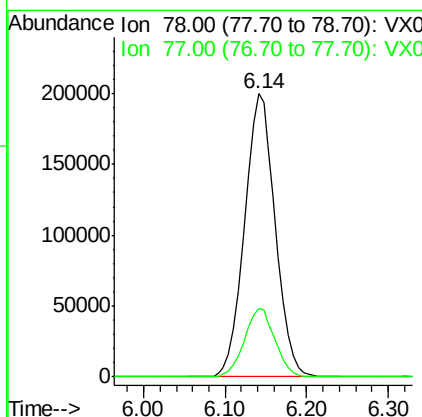
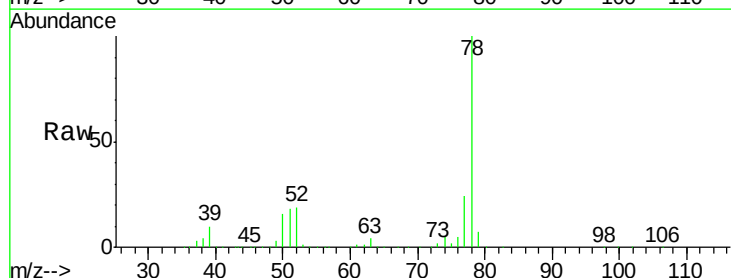
Manual Integrations
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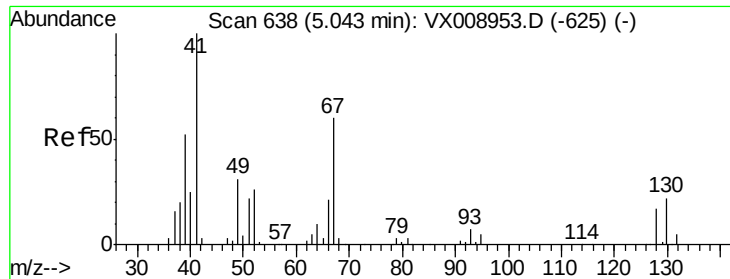
MMDadoda
4/19/2019 3:01:16 PM



#40
Benzene
Concen: 48.676 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	78	Resp	521208
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.0	28.6





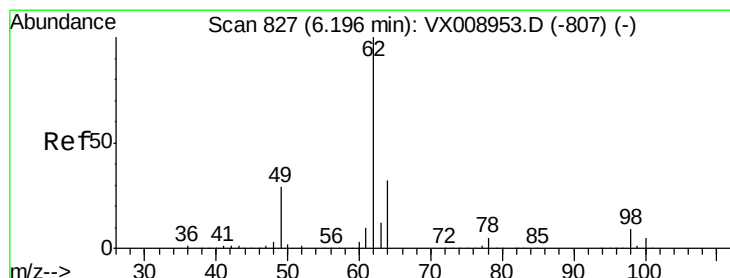
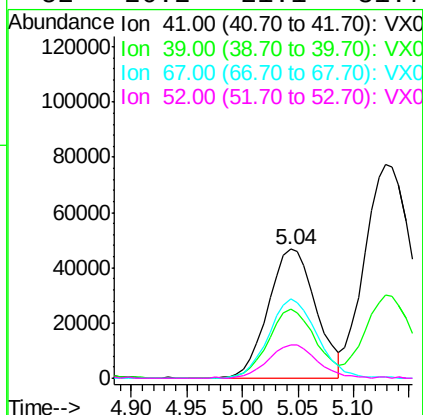
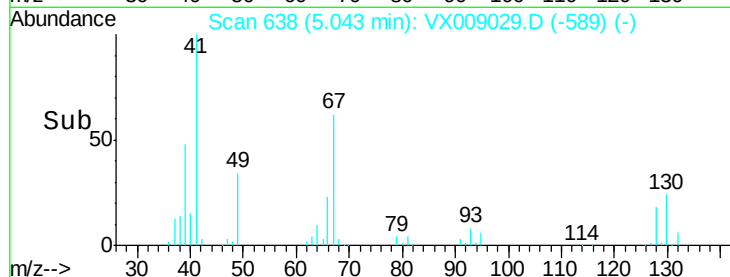
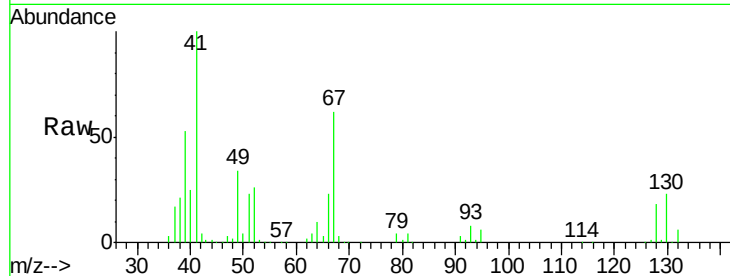
#41
Methacrylonitrile
Concen: 51.941 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
139231	41	100		
	39	52.5	41.8	62.6
	67	62.7	50.2	75.4
	52	26.2	21.1	31.7

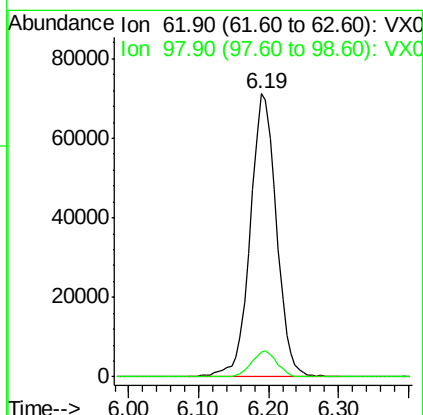
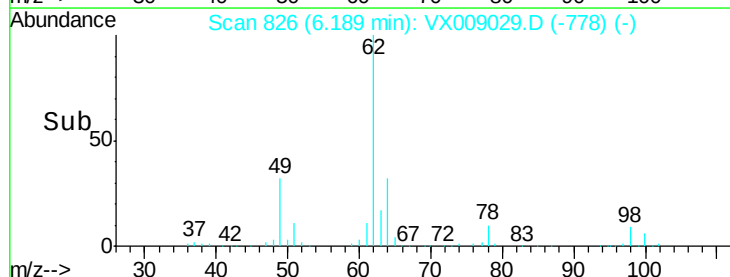
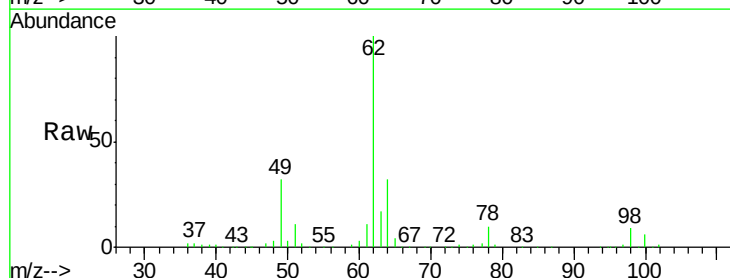
Manual Integrations
APPROVED

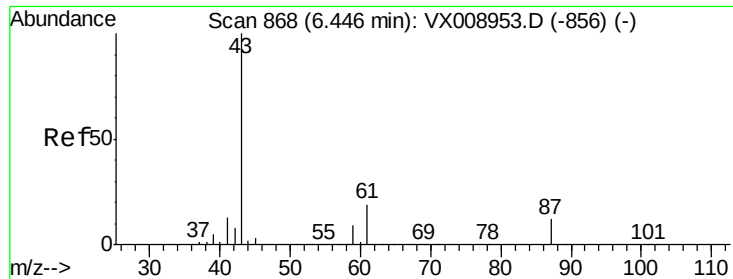
MMDadoda
4/19/2019 3:01:16 PM



#42
1,2-Dichloroethane
Concen: 48.938 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ion	Ratio	Lower	Upper
185628	62	100		
	98	8.9	0.0	18.4





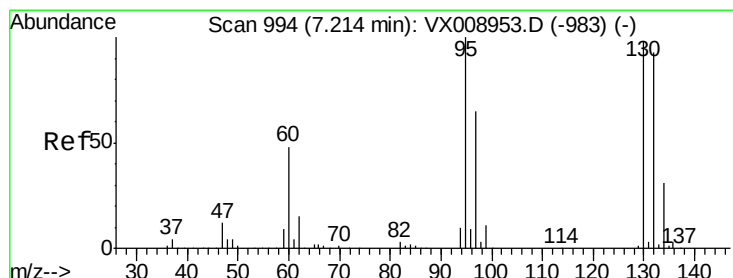
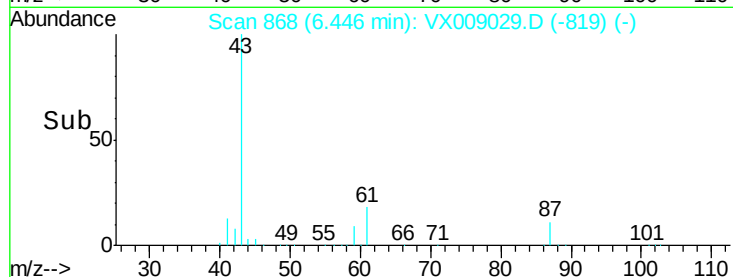
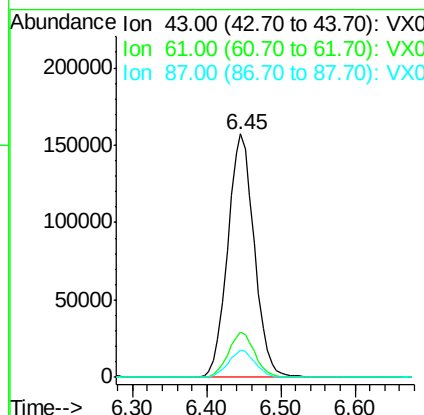
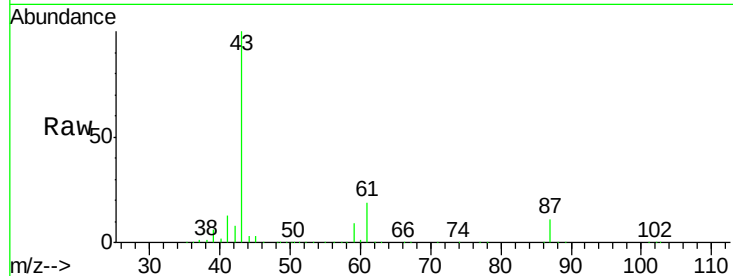
#43
Isopropyl Acetate
Concen: 51.747 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.0
87	11.1	9.0	13.4

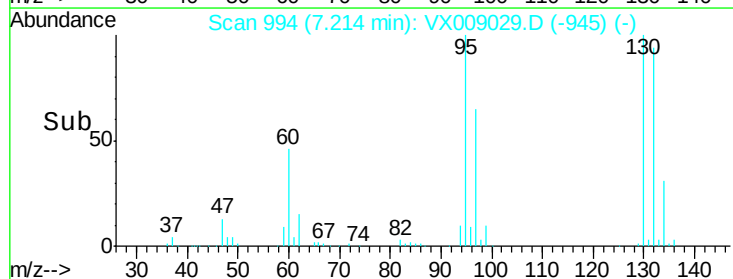
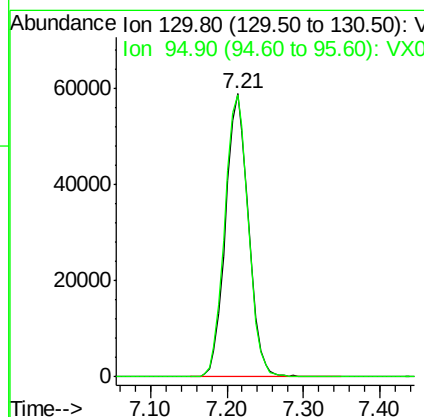
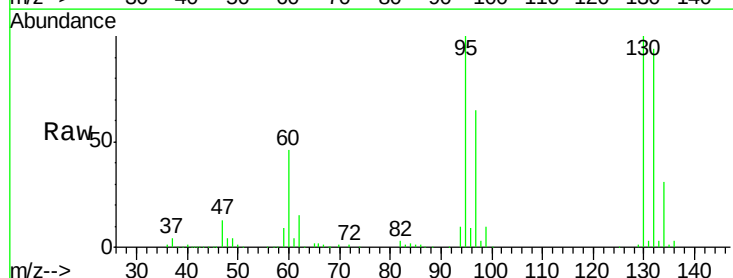
Manual Integrations
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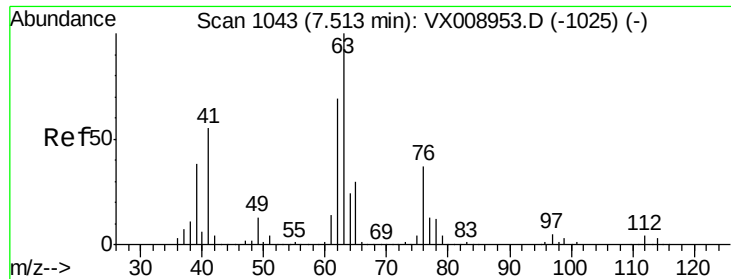
MMDadoda
4/19/2019 3:01:16 PM



#44
Trichloroethene
Concen: 46.756 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	203.2





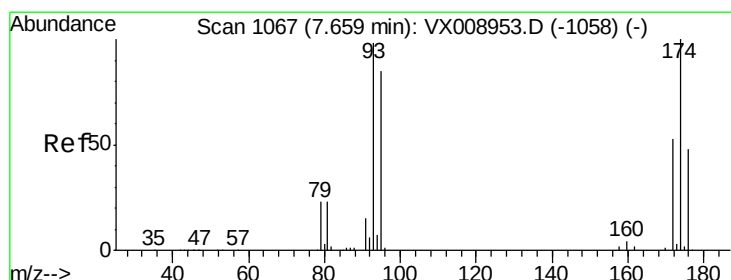
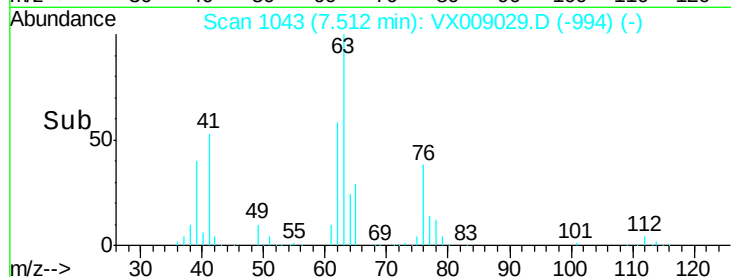
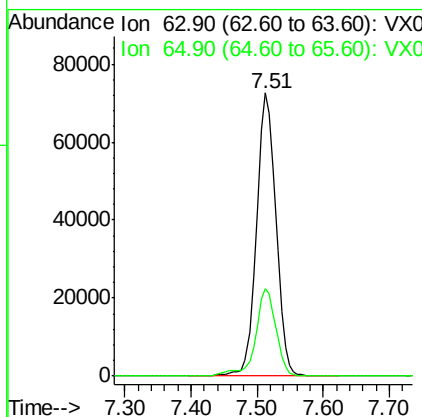
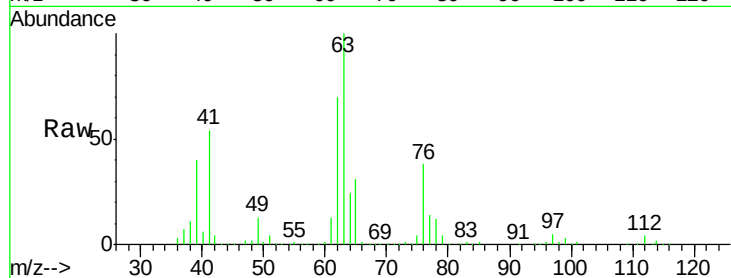
#45
 1,2-Dichloropropane
 Concen: 50.362 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 149607
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.1 36.1

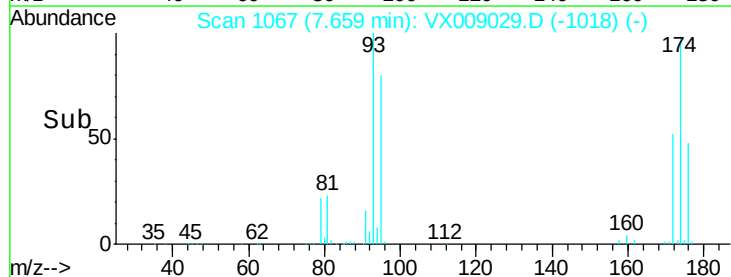
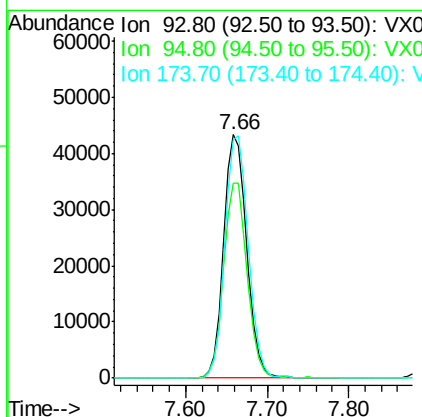
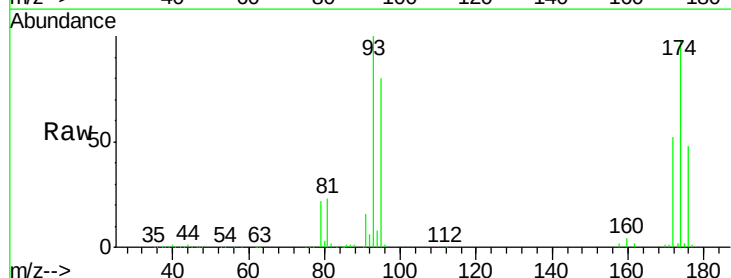
Manual Integrations
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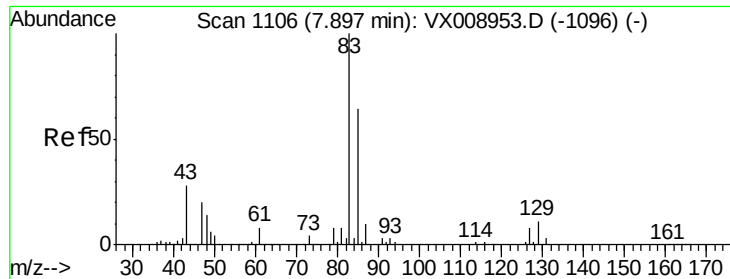
MMDadoda
 4/19/2019 3:01:16 PM



#46
 Dibromomethane
 Concen: 48.718 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion: 93 Resp: 84224
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.4
 174 100.9 81.6 122.4





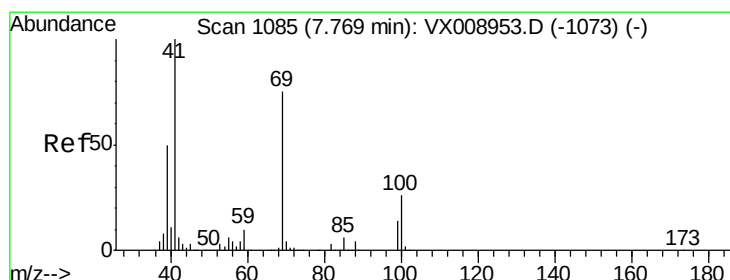
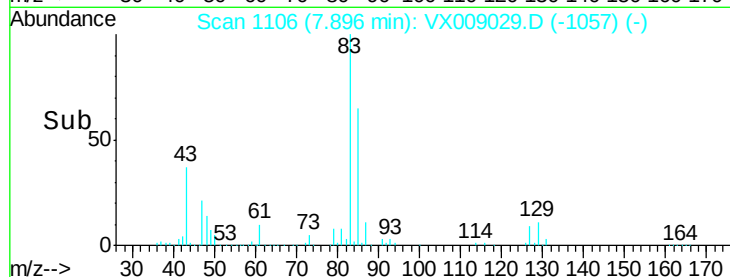
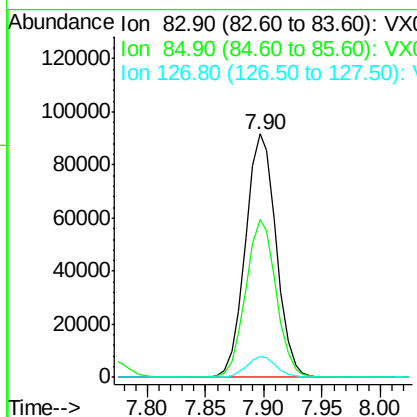
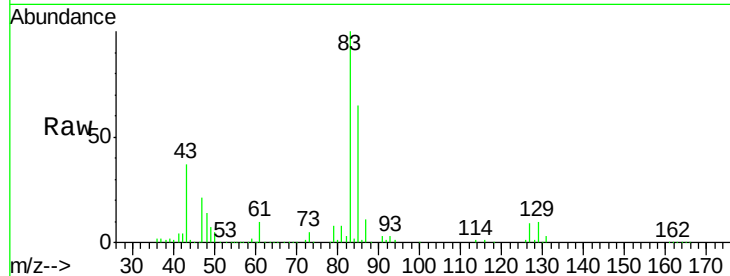
#47
Bromodichloromethane
Concen: 49.613 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	168231		
85	64.6	50.8	76.2	
127	8.6	6.4	9.6	

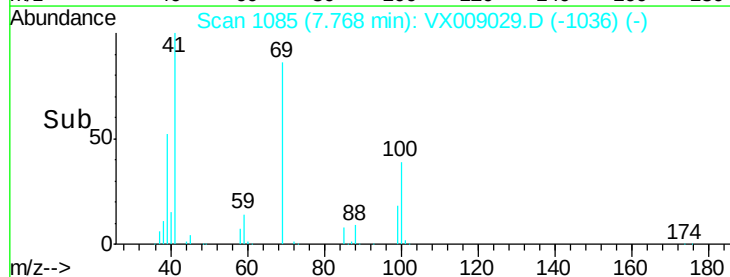
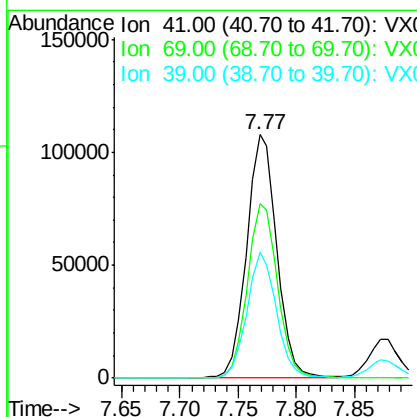
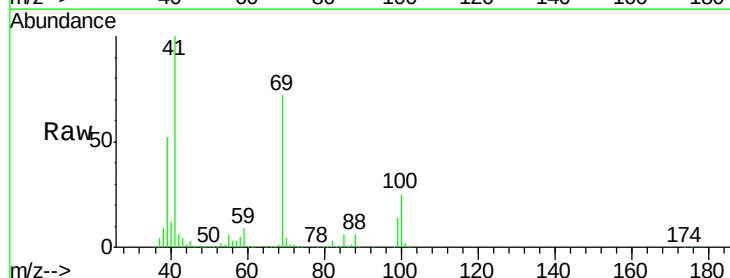
Manual Integrations
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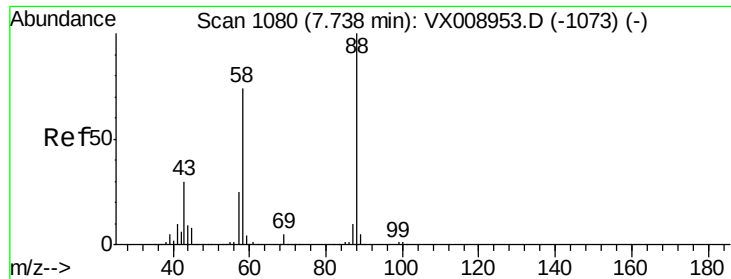
MMDadoda
4/19/2019 3:01:16 PM



#48
Methyl methacrylate
Concen: 52.244 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	194294		
69	72.6	59.4	89.2	
39	50.9	39.8	59.6	





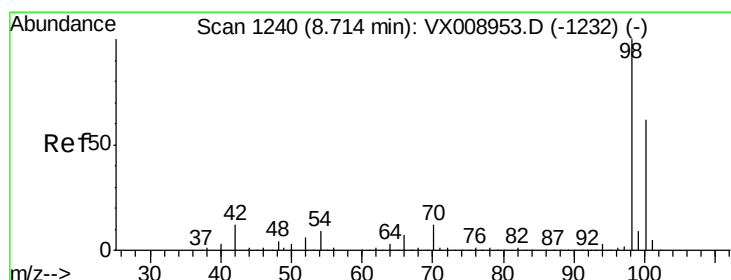
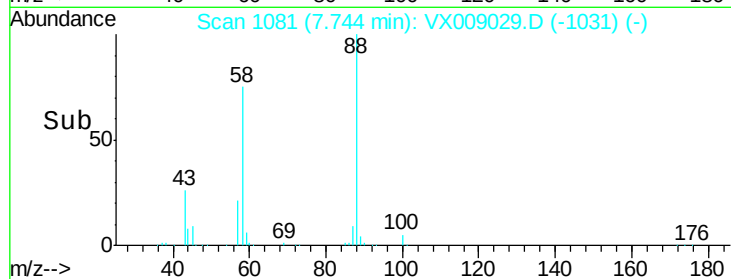
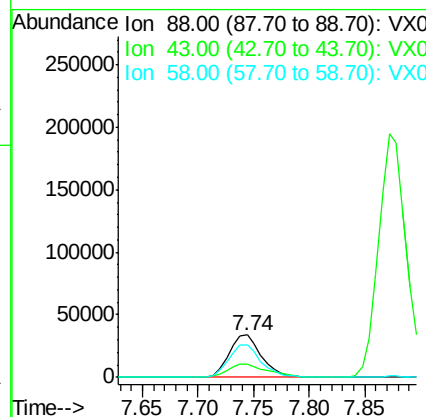
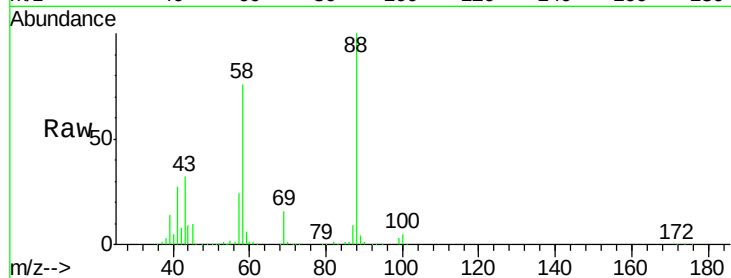
#49
1,4-Dioxane
Concen: 983.872 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	68485
Ion	Ratio	Lower	Upper
88	100		
43	36.5	29.3	43.9
58	78.5	62.6	93.8

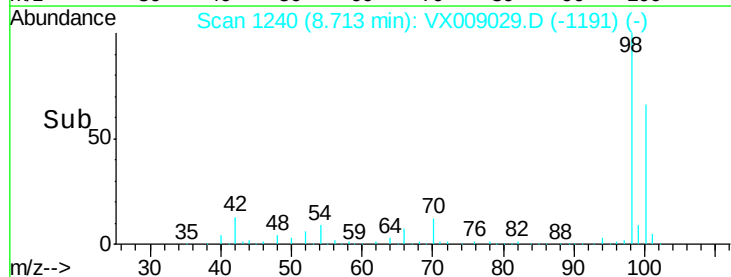
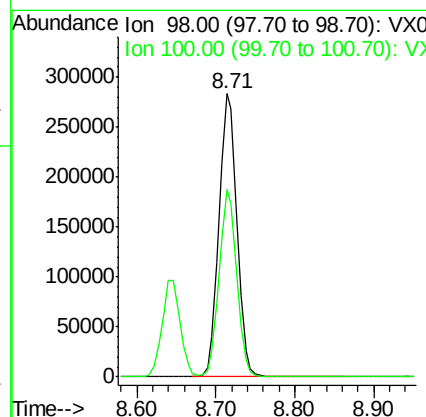
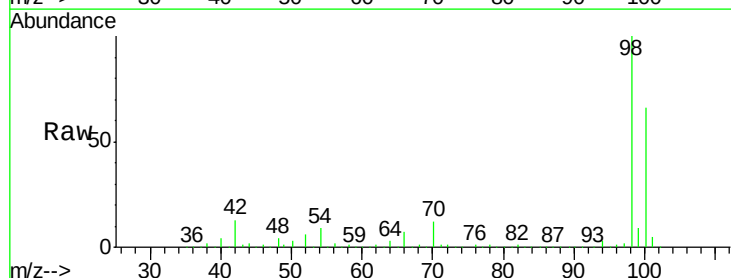
Manual Integrations
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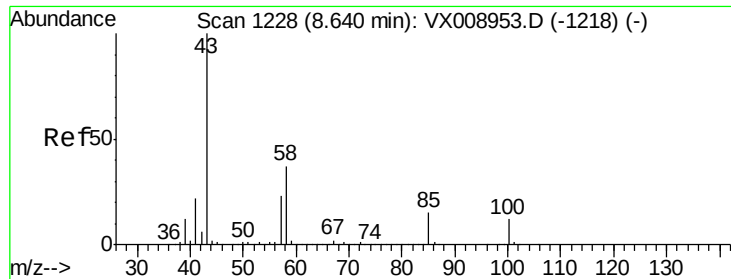
MMDadoda
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#50
Toluene-d8
Concen: 50.117 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	98	Resp	450178
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 258.326 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1238679

Ion Ratio Lower Upper

43 100

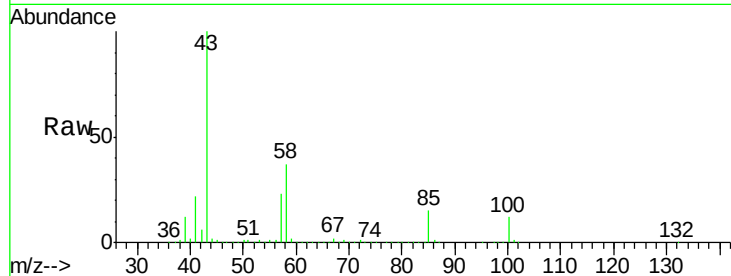
58 37.0 29.8 44.6

Manual Integrations

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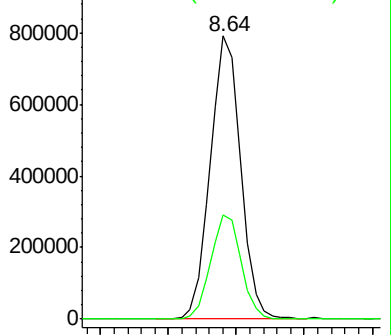
MMDadoda

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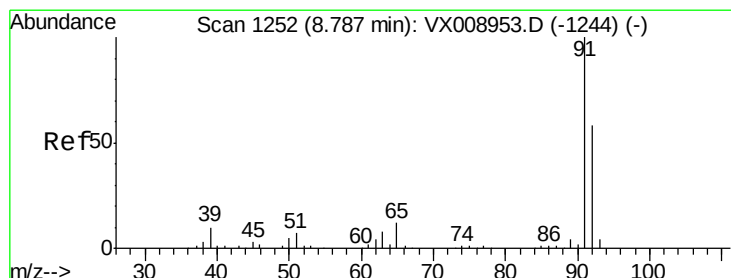
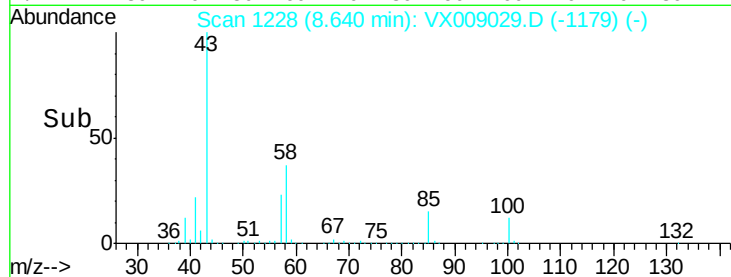


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 48.030 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009029.D

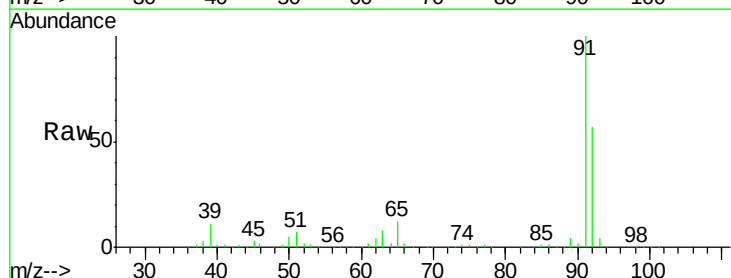
Acq: 17 Apr 2019 20:51

Tgt Ion: 92 Resp: 308227

Ion Ratio Lower Upper

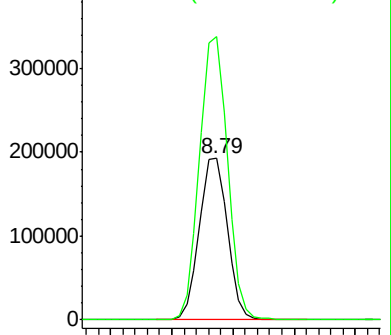
92 100

91 174.8 138.5 207.7

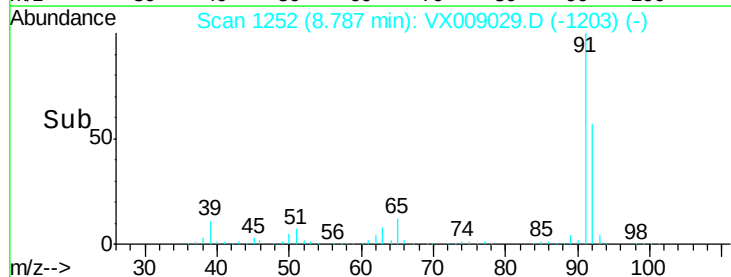


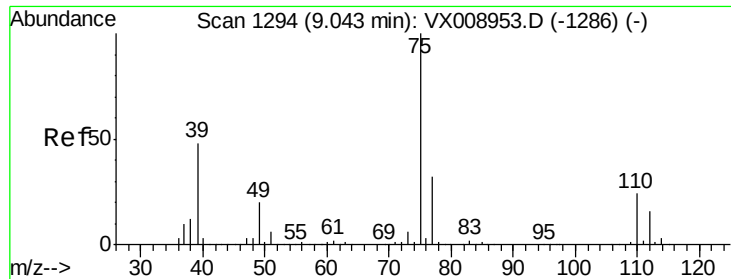
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





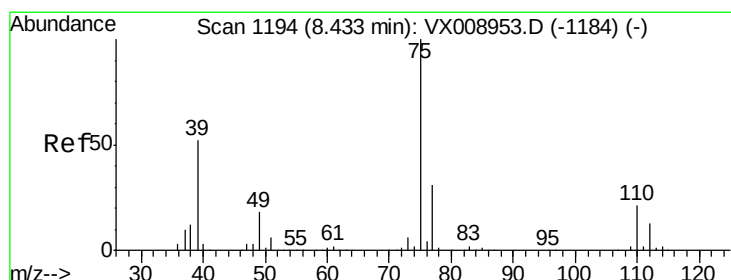
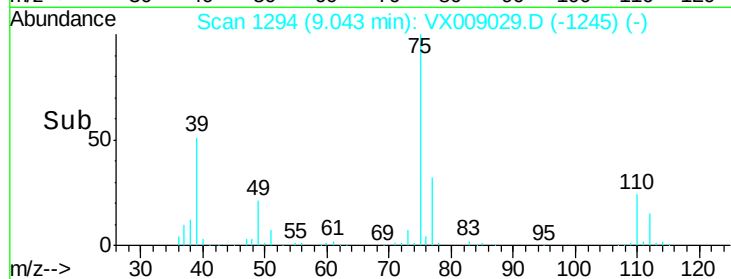
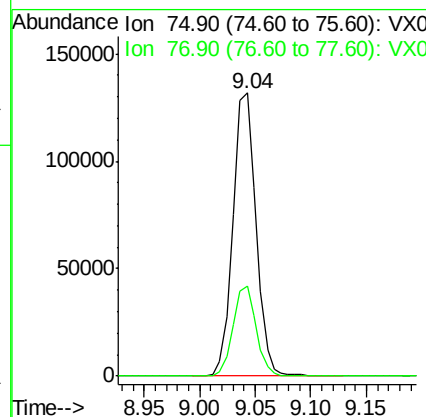
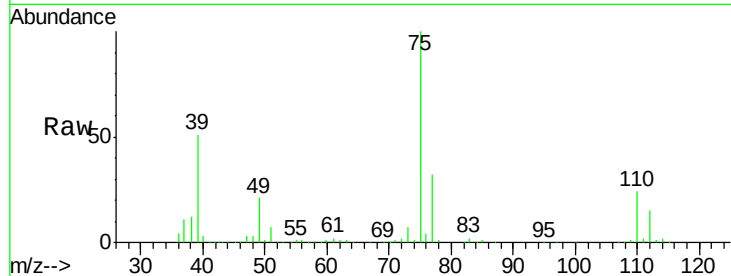
#53
 t-1,3-Dichloropropene
 Concen: 48.634 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 189790
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2

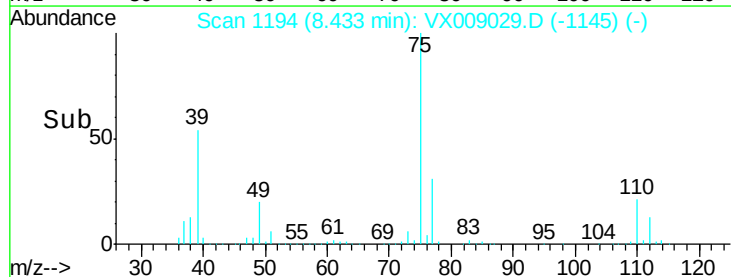
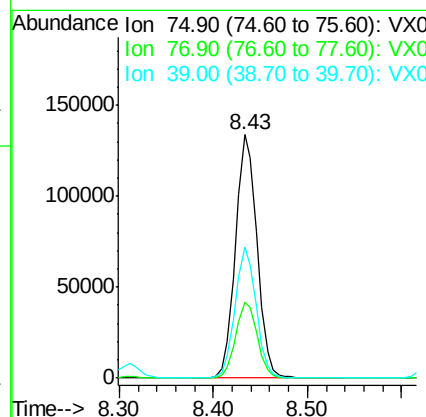
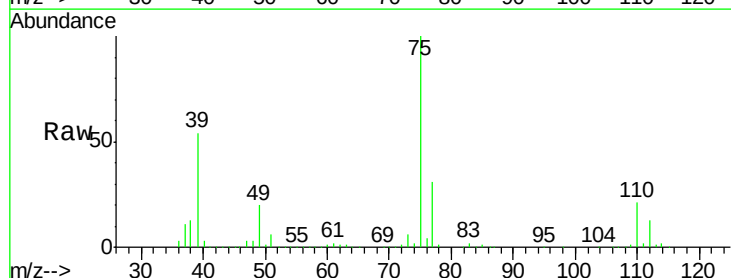
Manual Integrations
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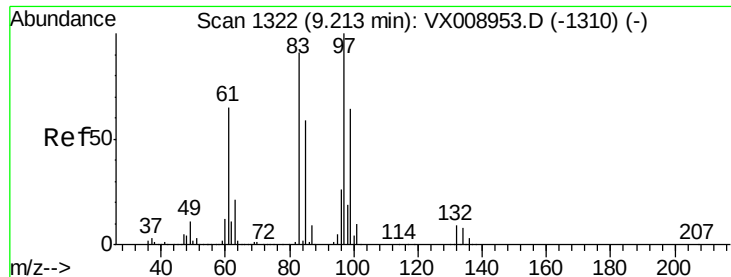
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 48.470 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion: 75 Resp: 211797
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2
 39 53.7 41.8 62.6





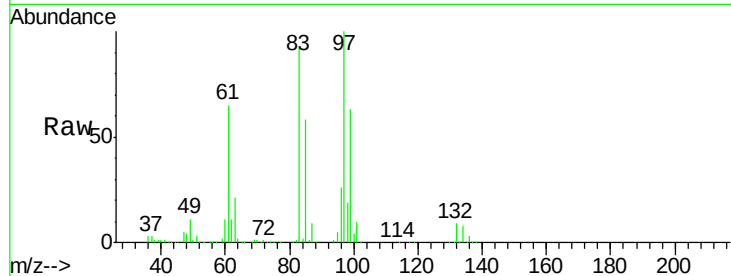
#55
 1,1,2-Trichloroethane
 Concen: 49.348 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

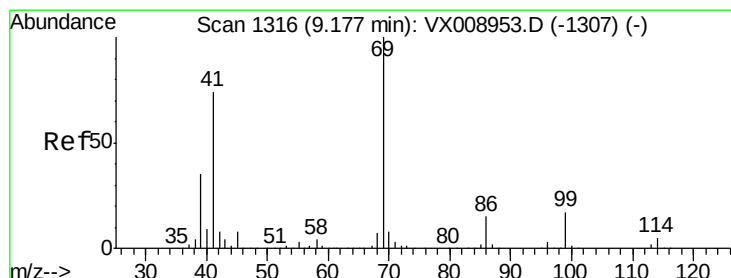
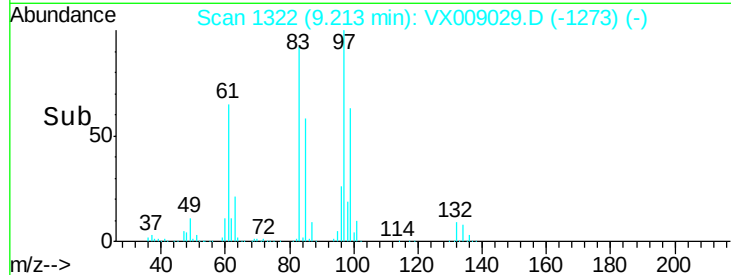
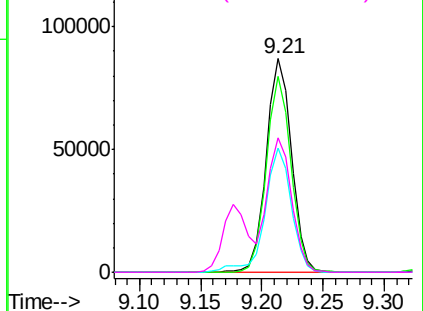
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		125510		
83	91.9	72.6	108.8		
85	58.0	46.9	70.3		
99	63.0	51.0	76.6		

Manual Integrations
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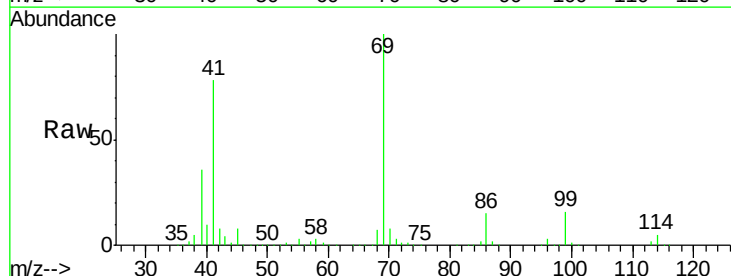


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

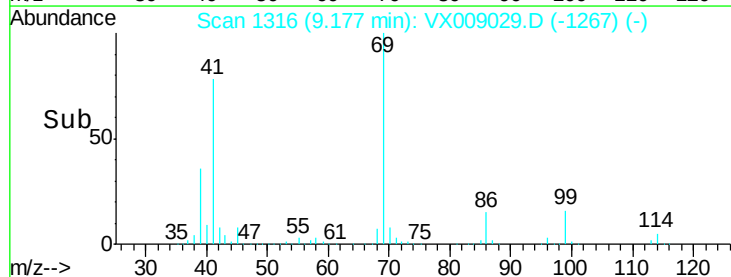
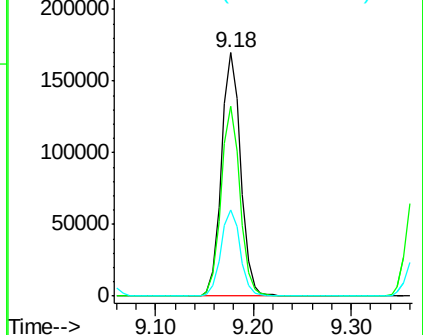


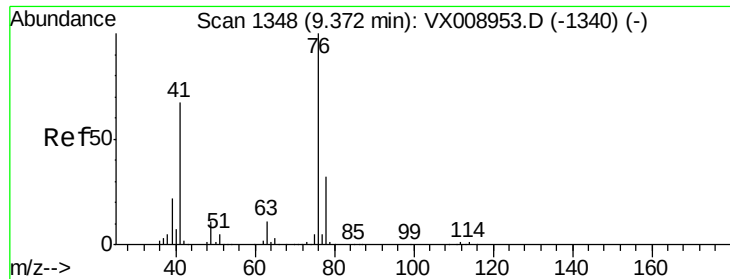
#56
 Ethyl methacrylate
 Concen: 50.889 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		232082		
41	76.8	60.2	90.2		
39	35.6	27.9	41.9		



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





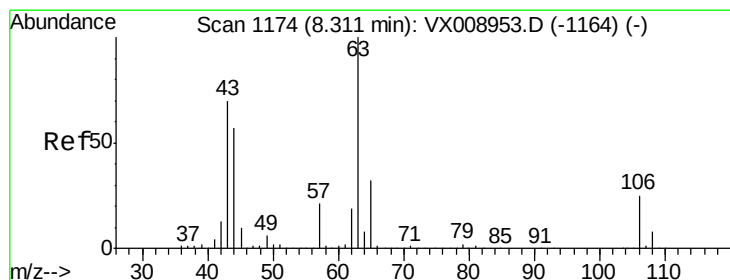
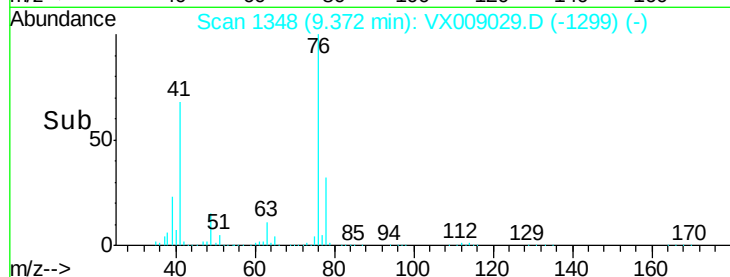
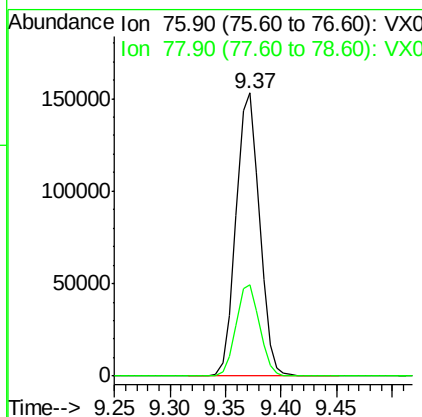
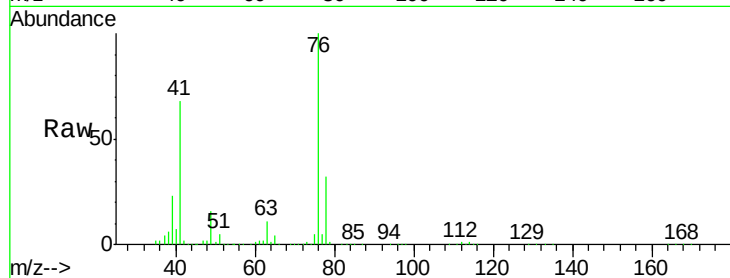
#57
 1,3-Dichloropropane
 Concen: 49.466 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

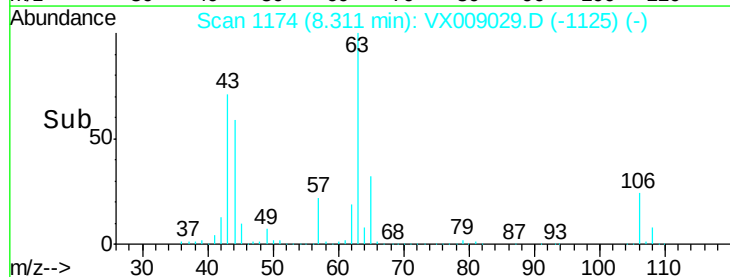
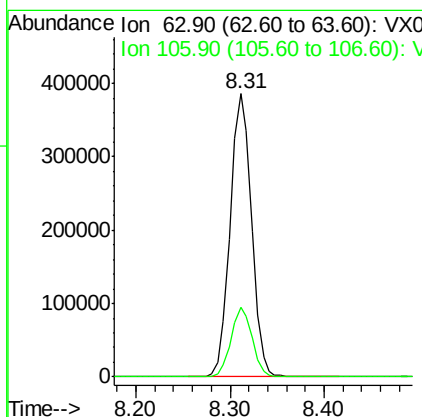
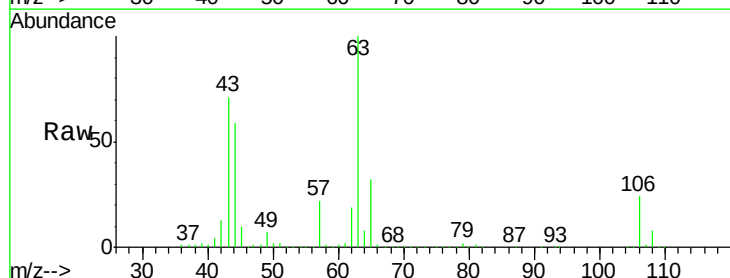
Manual Integrations
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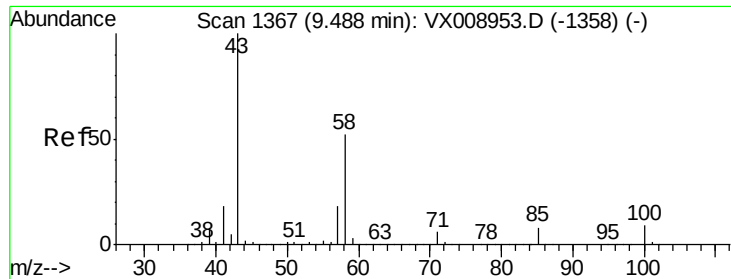
MMDadoda
 4/19/2019 3:01:16 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.164 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.2	19.8	29.6





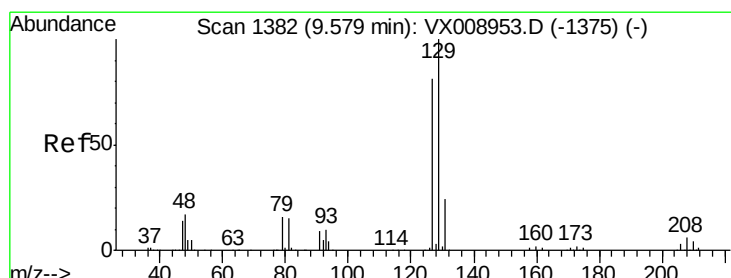
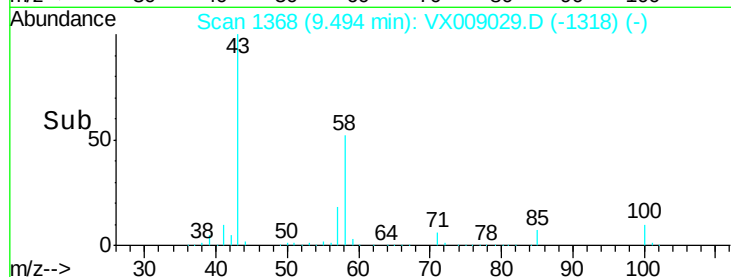
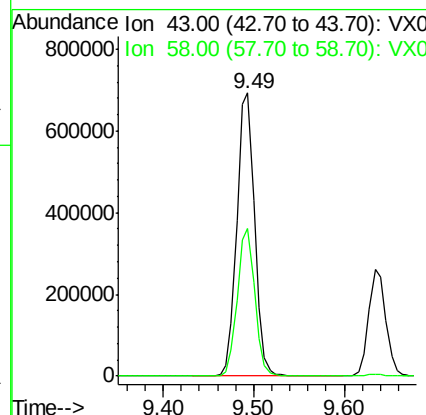
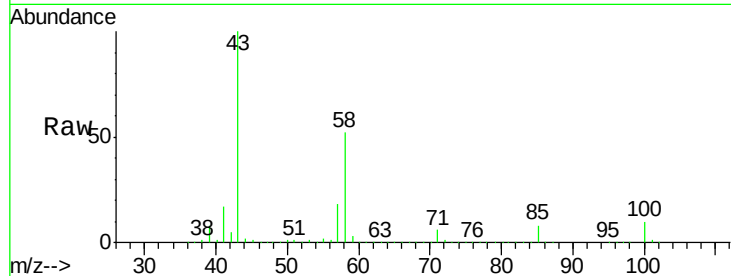
#59
2-Hexanone
Concen: 254.659 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.3	25.9	77.8

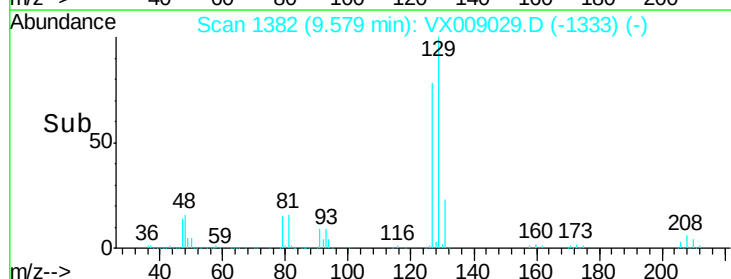
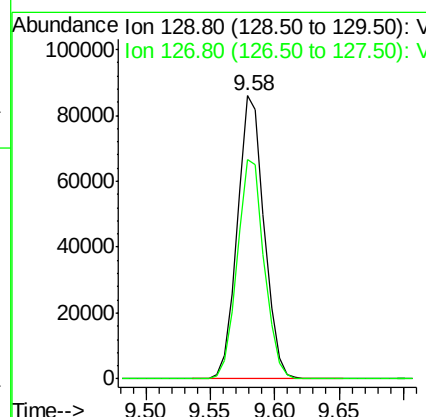
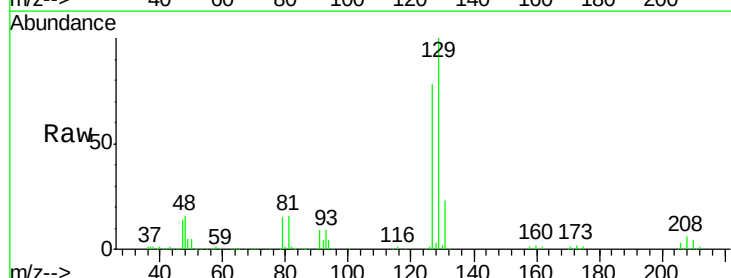
Manual Integrations
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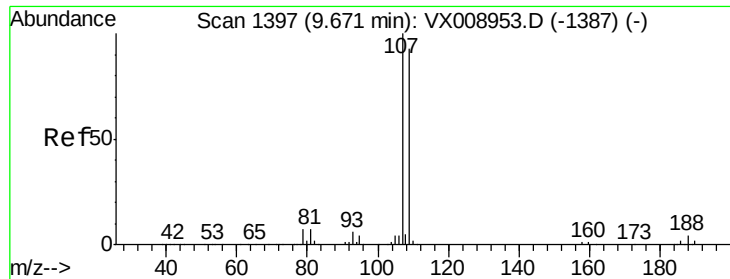
MMDadoda
4/19/2019 3:01:16 PM



#60
Dibromochloromethane
Concen: 51.050 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.1	117.2





#61

1,2-Dibromoethane

Concen: 49.752 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 130599

Ion Ratio Lower Upper

107 100

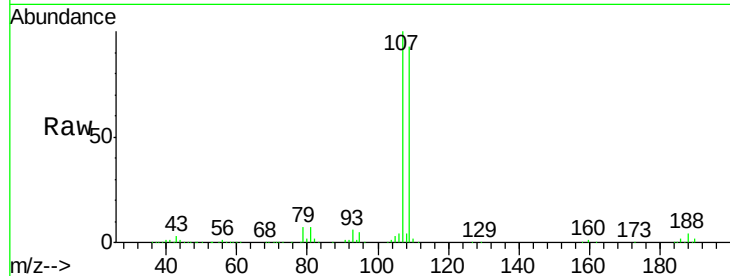
109 94.4 74.4 111.6

Manual Integrations

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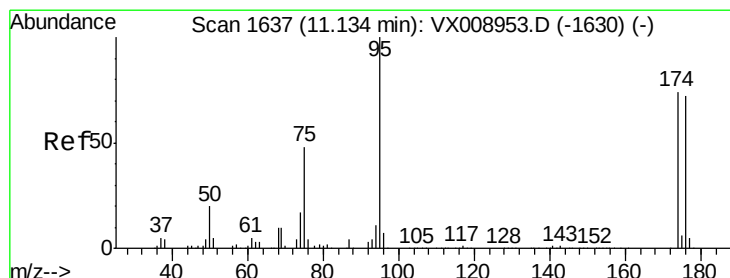
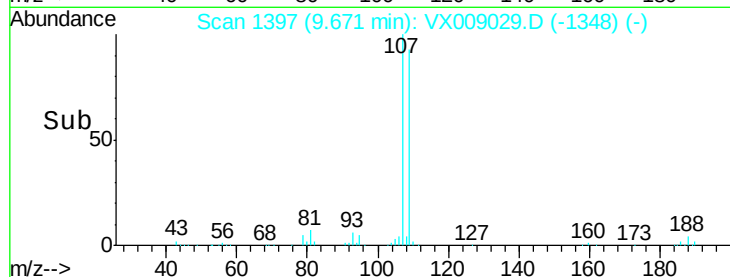
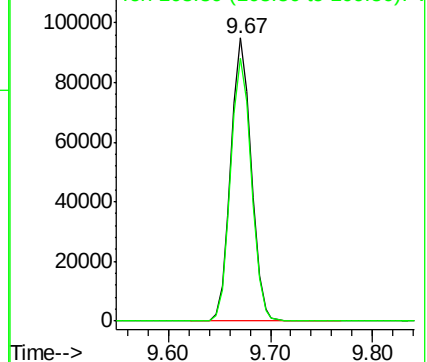
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4/19/2019 3:01:16 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.722 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

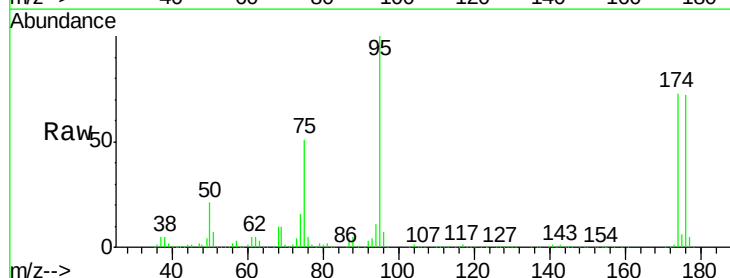
Tgt Ion: 95 Resp: 157662

Ion Ratio Lower Upper

95 100

174 77.9 0.0 159.6

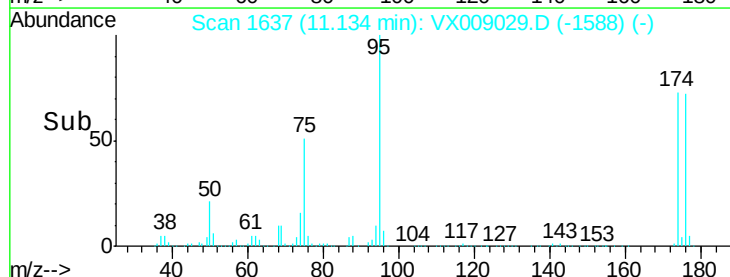
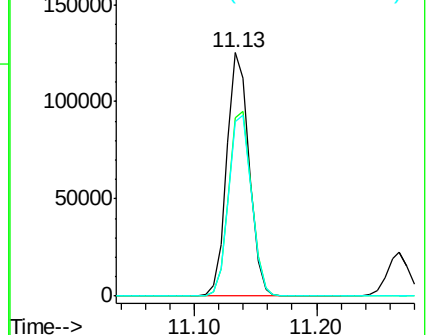
176 76.5 0.0 154.8

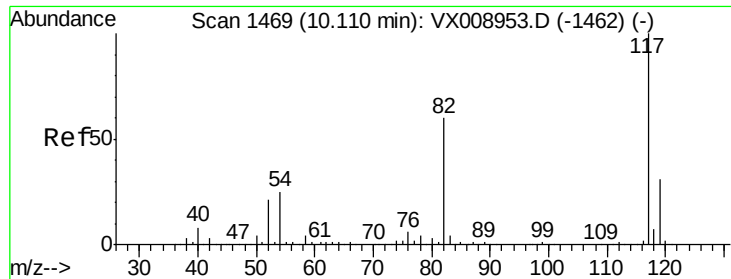


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





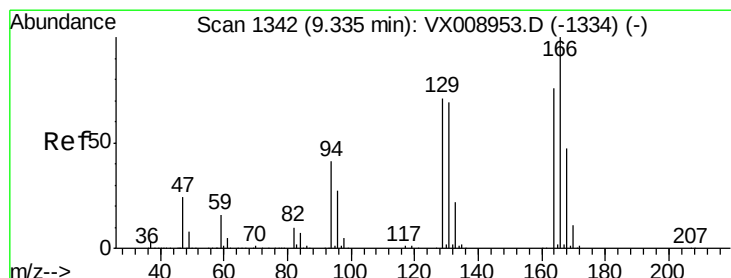
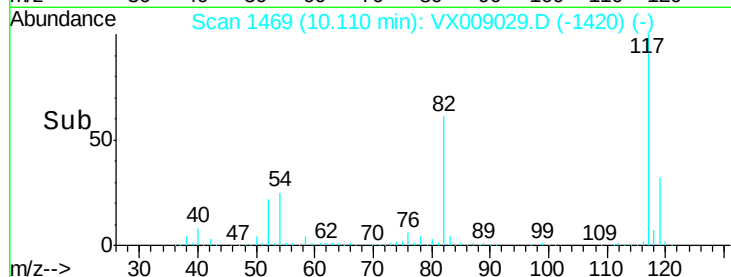
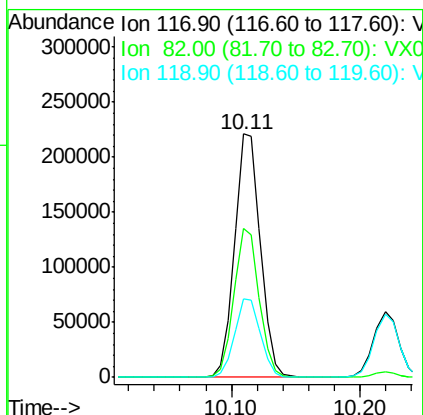
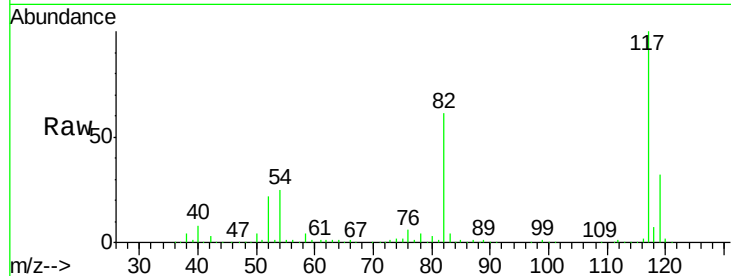
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	48.2	72.4
119	32.1	25.0	37.6

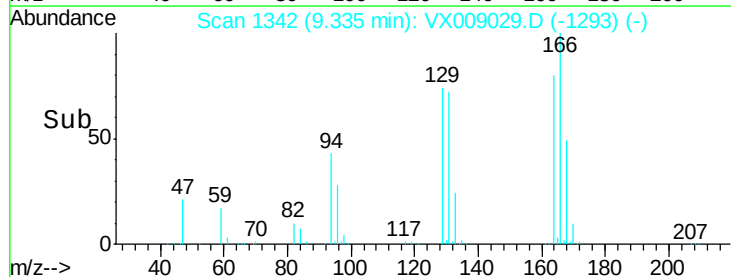
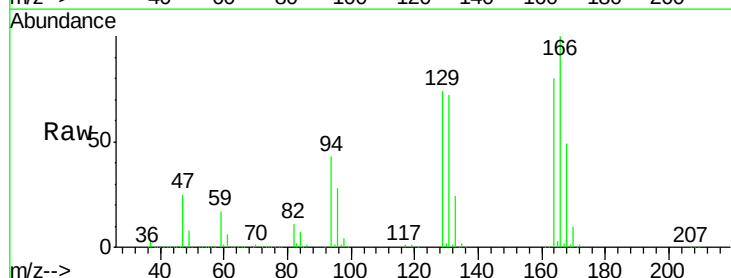
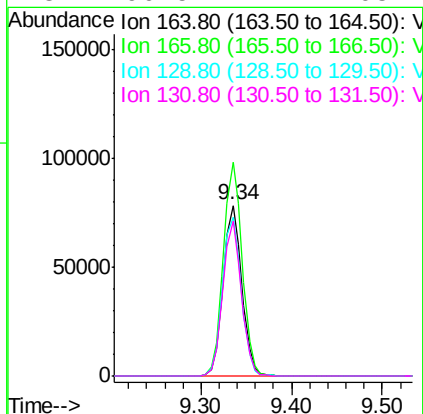
Manual Integrations
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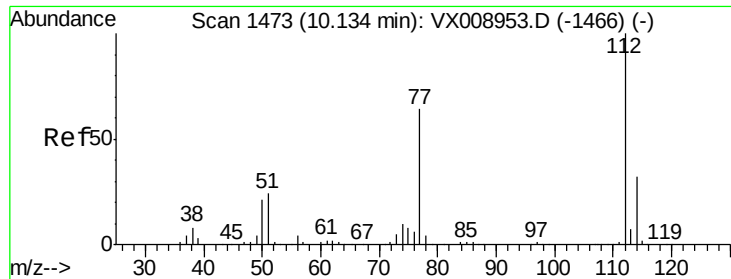
MMDadoda
4/19/2019 3:01:16 PM



#64
Tetrachloroethene
Concen: 47.929 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	105.0	157.4
129	92.9	74.2	111.4
131	90.5	72.2	108.2





#65

Chlorobenzene

Concen: 48.218 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 314222

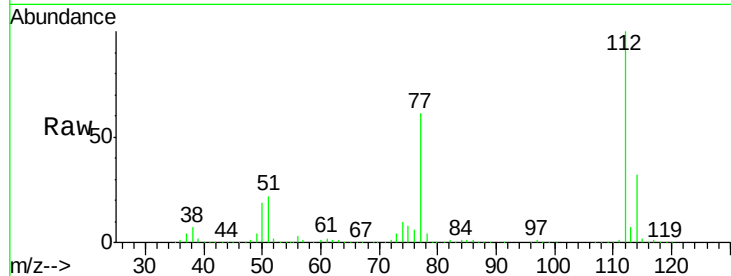
Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.0

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

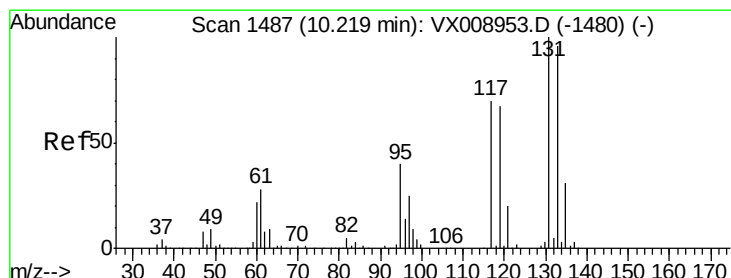
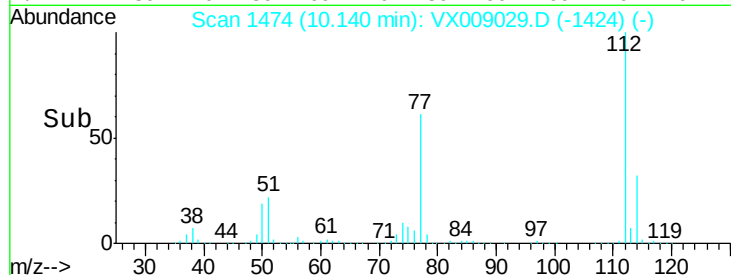
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.213 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

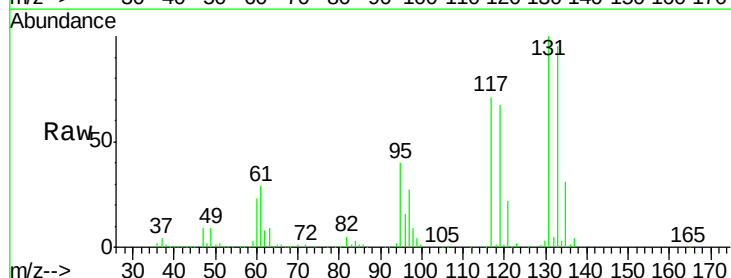
Tgt Ion:131 Resp: 115276

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

119 67.0 33.7 101.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

100000

80000

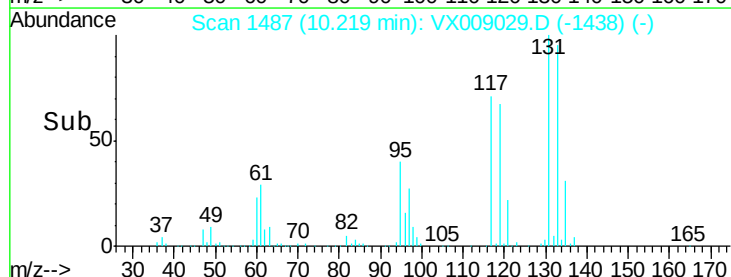
60000

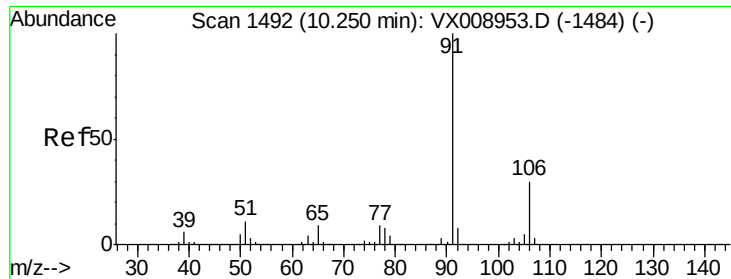
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 49.161 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 585635

Ion Ratio Lower Upper

91 100

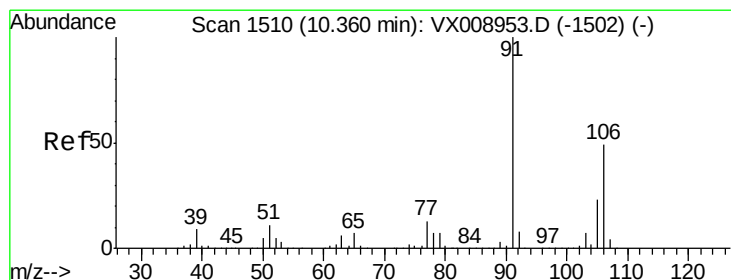
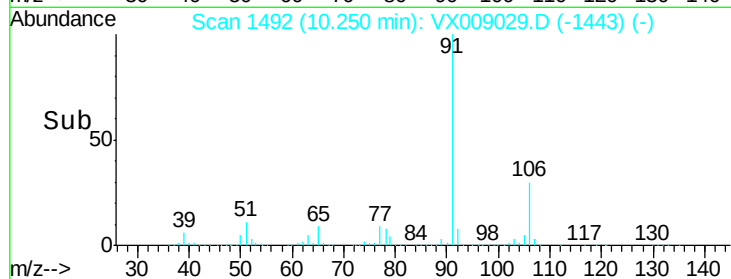
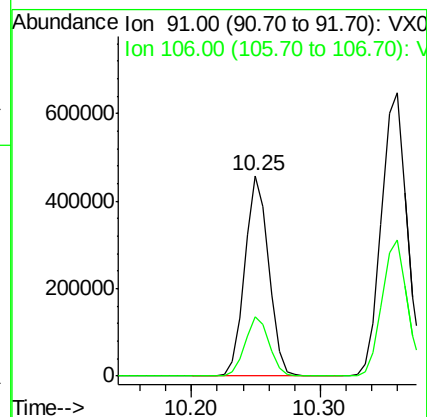
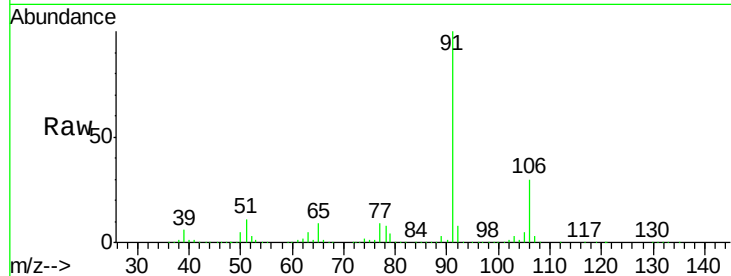
106 29.8 24.3 36.5

Manual Integrations

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4/19/2019 3:01:16 PM



#68

m/p-Xylenes

Concen: 97.174 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009029.D

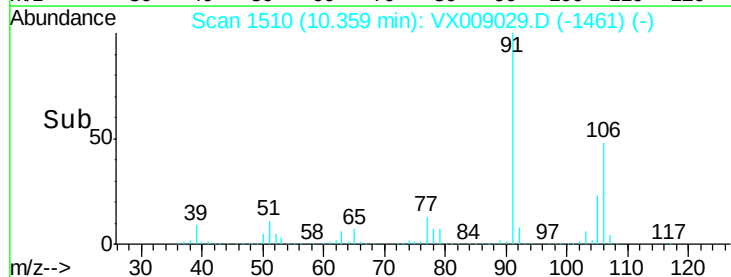
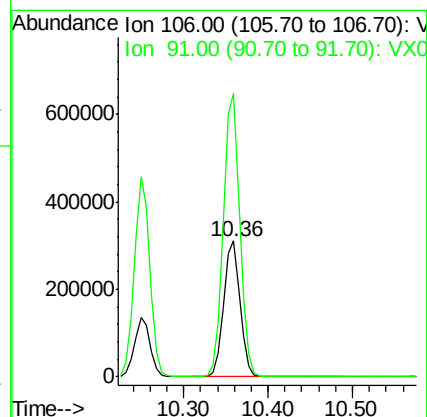
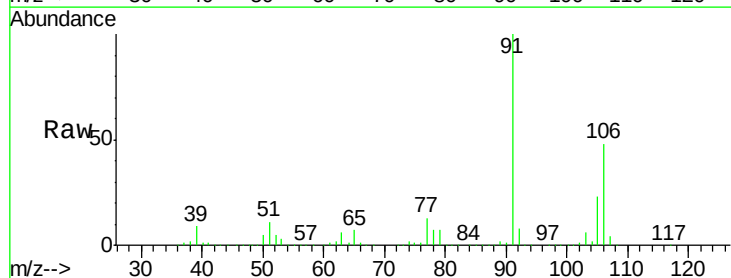
Acq: 17 Apr 2019 20:51

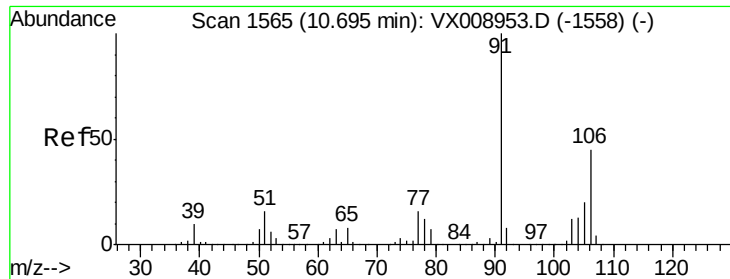
Tgt Ion: 106 Resp: 420702

Ion Ratio Lower Upper

106 100

91 209.5 165.4 248.2





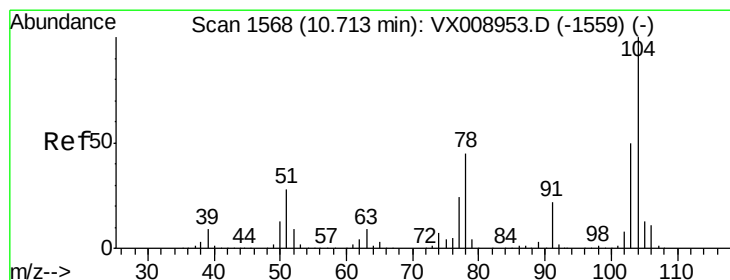
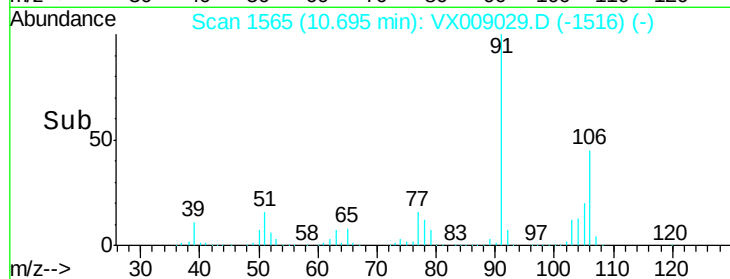
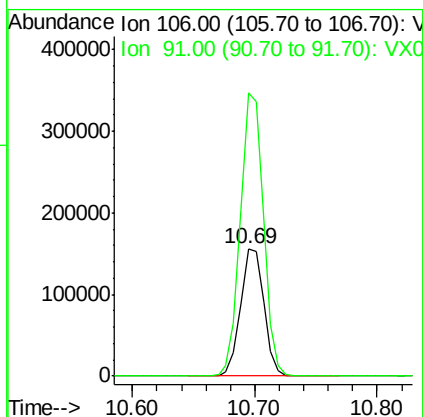
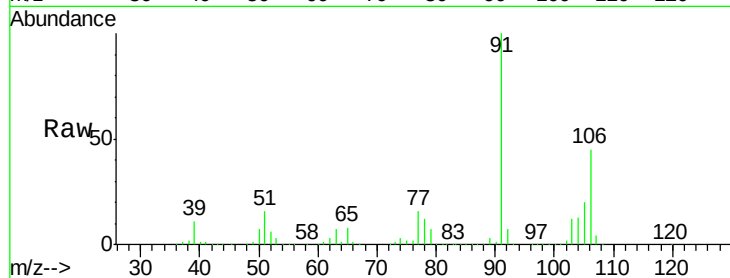
#69
o-Xylene
Concen: 48.819 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		205652		
91	220.2	108.9	326.7		

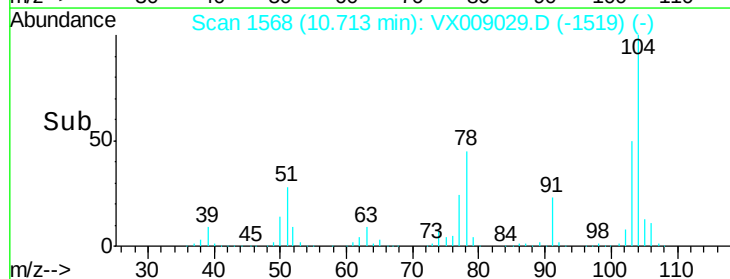
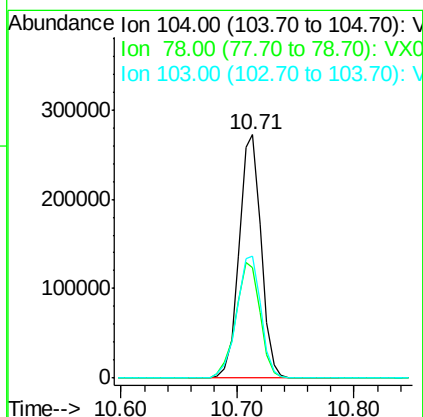
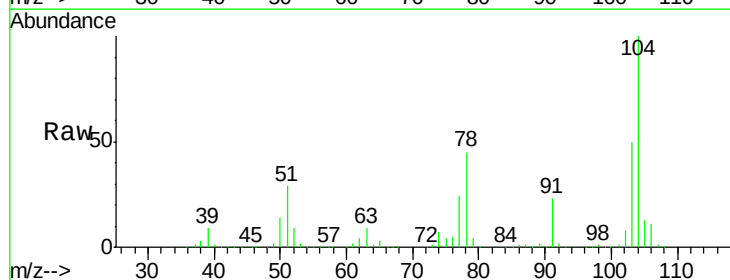
Manual Integrations
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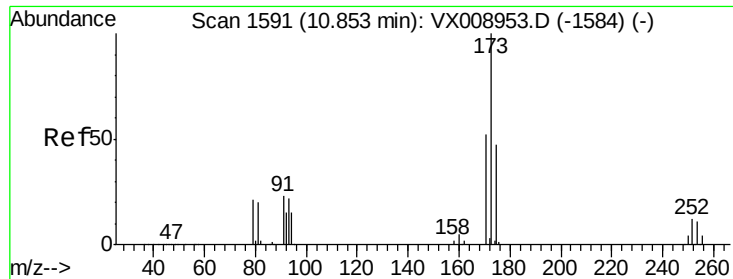
MMDadoda
4/19/2019 3:01:16 PM



#70
Styrene
Concen: 49.101 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		358439		
78	52.3	41.2	61.8		
103	55.1	43.9	65.9		





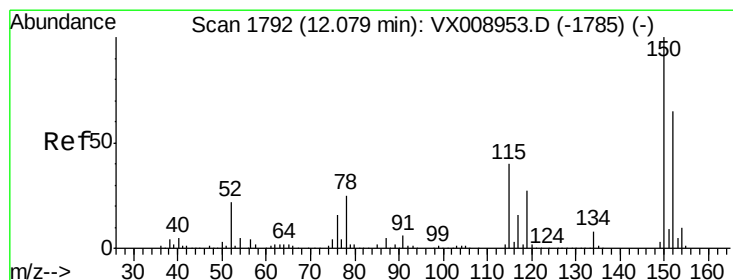
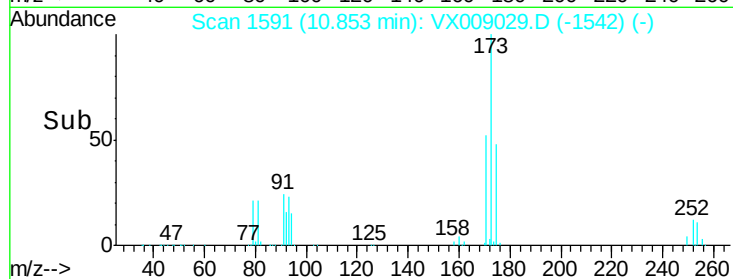
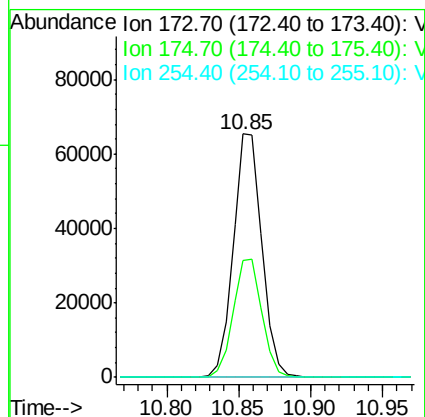
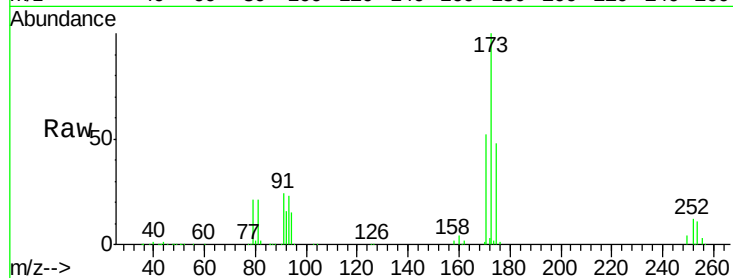
#71
Bromoform
Concen: 49.507 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.9	71.8
254	0.1	0.2	0.4

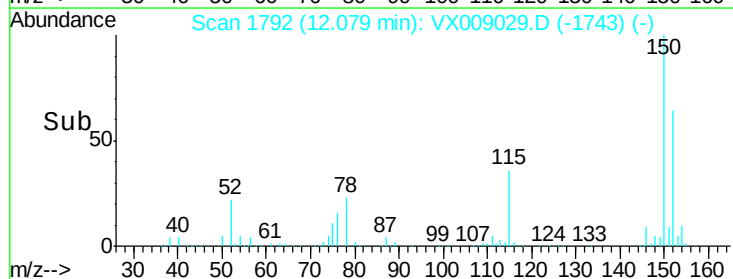
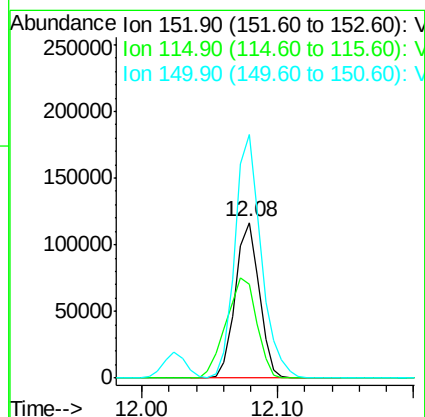
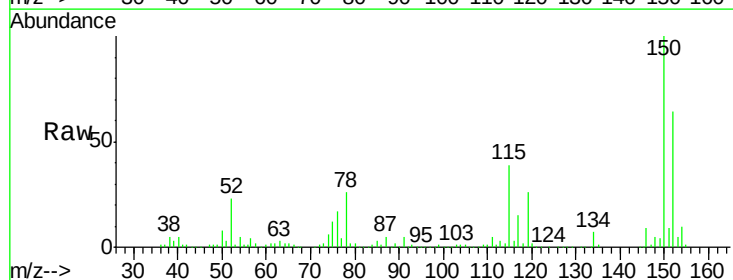
Manual Integrations
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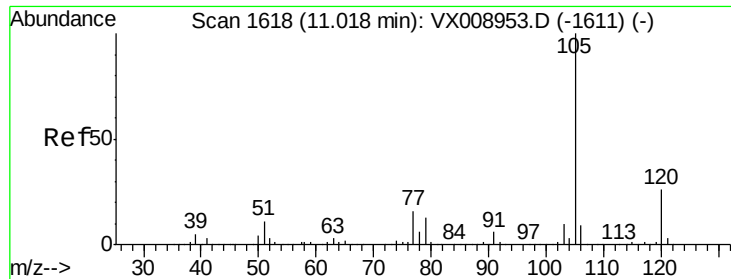
MMDadoda
4/19/2019 3:01:16 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.8	41.4	124.2
150	171.8	0.0	349.8





#73

Isopropylbenzene

Concen: 50.683 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 548909

Ion Ratio Lower Upper

105 100

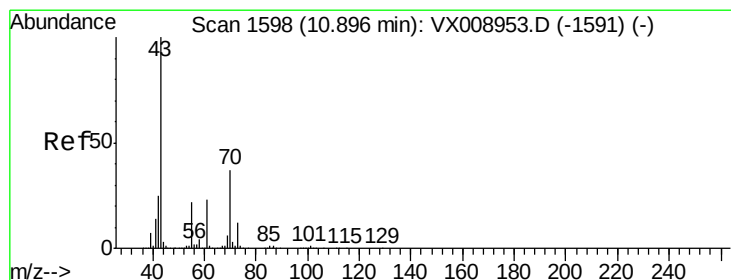
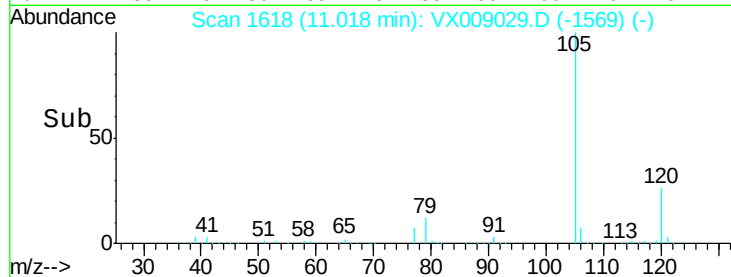
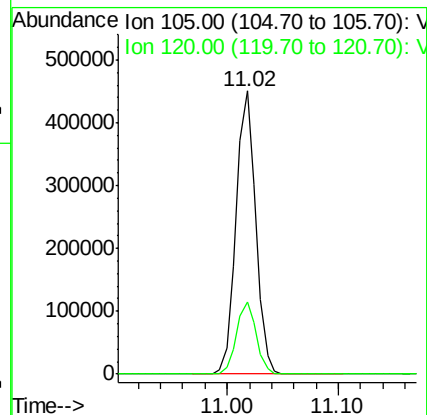
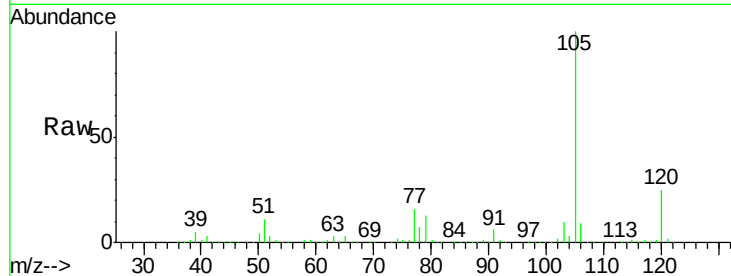
120 25.6 12.9 38.7

Manual Integrations

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4/19/2019 3:01:16 PM



#74

N-ethyl acetate

Concen: 52.212 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion: 43 Resp: 324676

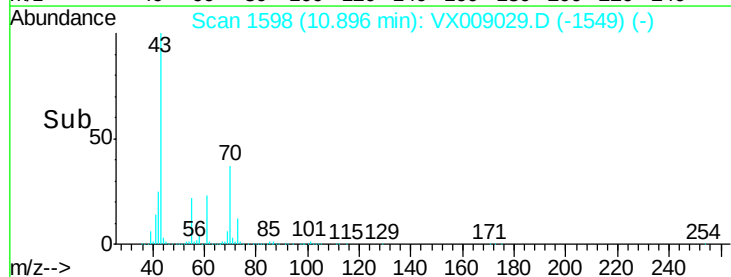
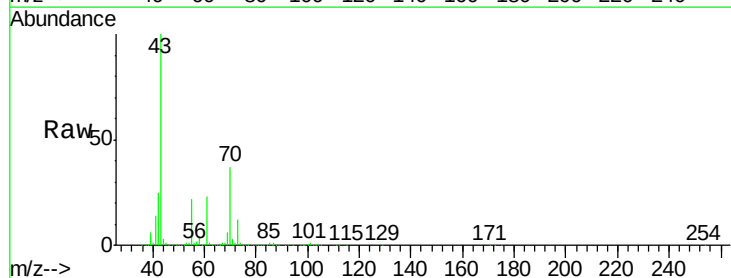
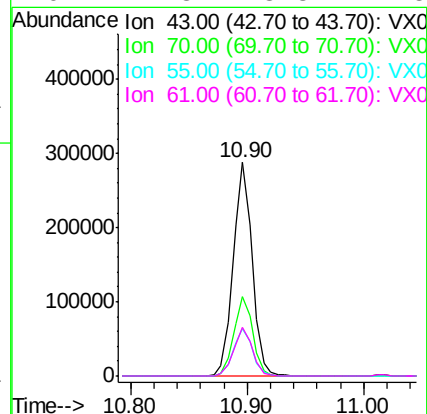
Ion Ratio Lower Upper

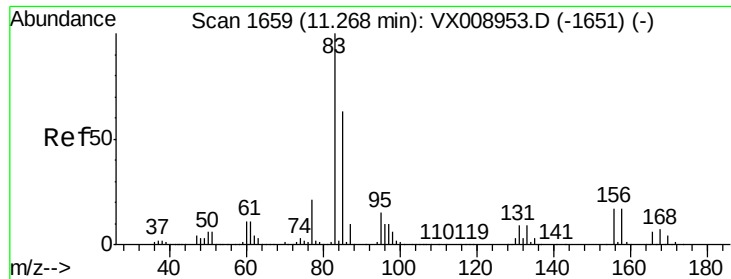
43 100

70 37.3 29.9 44.9

55 22.5 17.8 26.8

61 22.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.881 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 197383

Ion Ratio Lower Upper

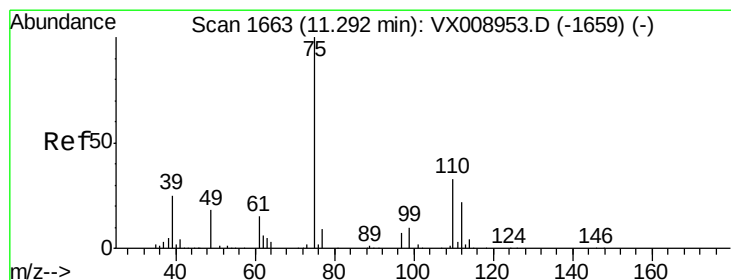
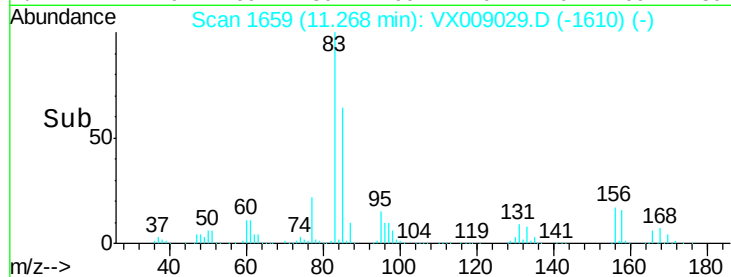
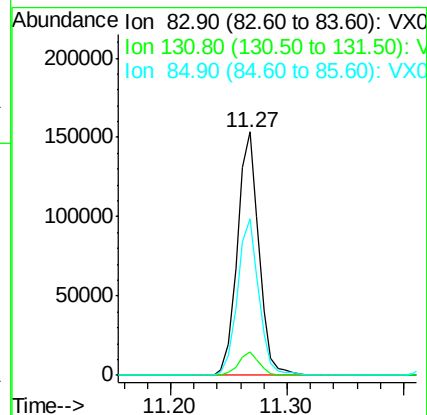
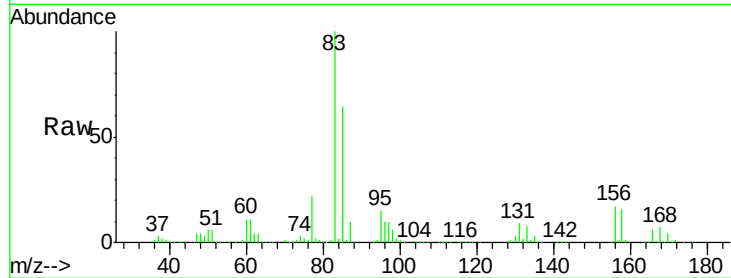
83 100

131 9.2 4.7 14.0

85 64.1 31.9 95.9

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#76

1,2,3-Trichloropropane

Concen: 49.698 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009029.D

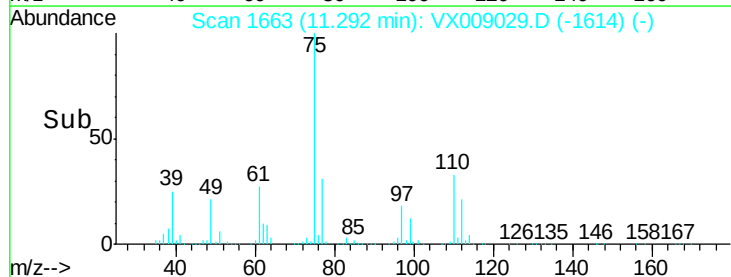
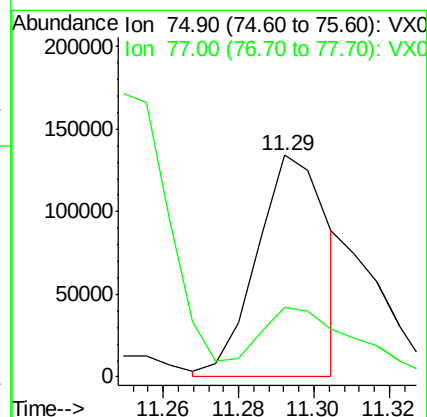
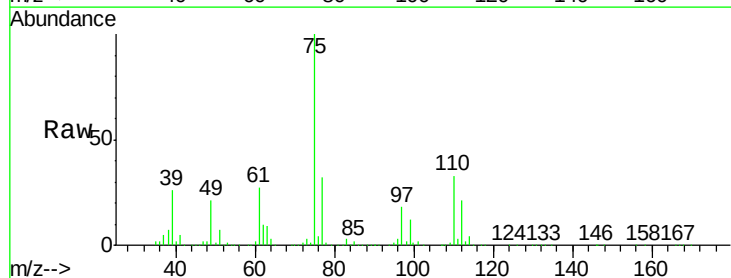
Acq: 17 Apr 2019 20:51

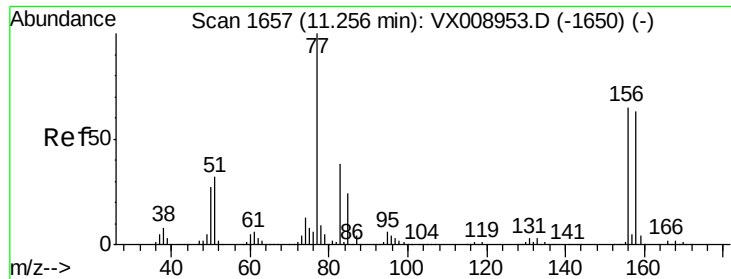
Tgt Ion: 75 Resp: 173389

Ion Ratio Lower Upper

75 100

77 43.4 22.7 68.0





#77

Bromobenzene

Concen: 48.069 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

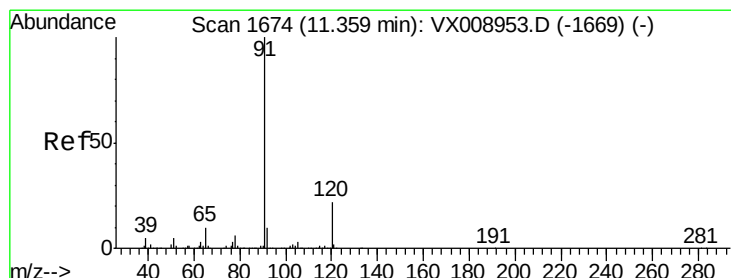
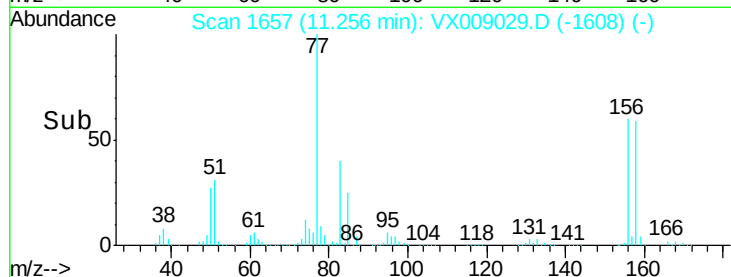
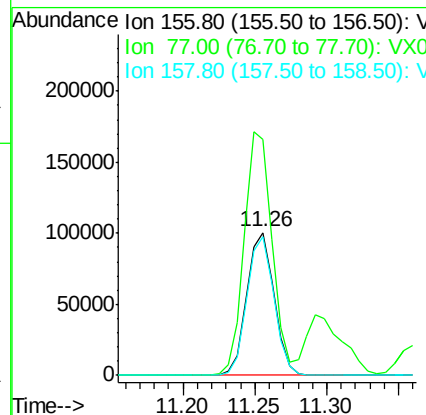
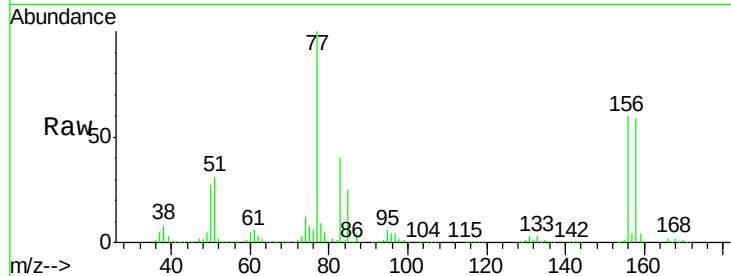
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.1	85.4	256.1
158	96.7	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 50.452 ug/l

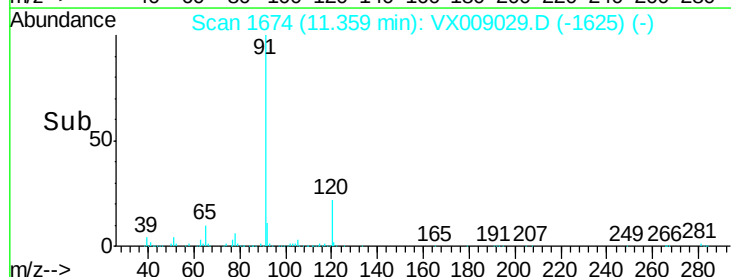
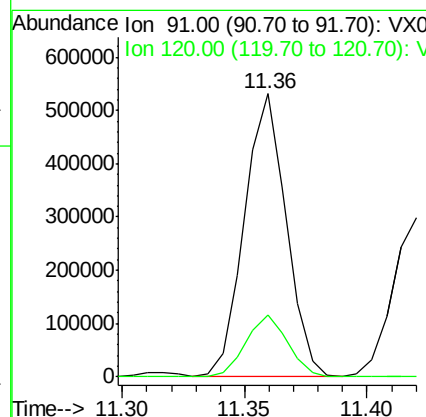
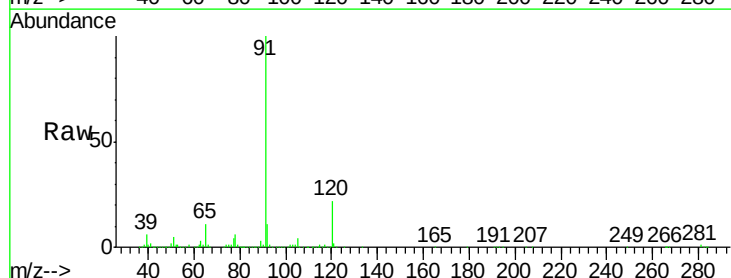
RT: 11.36 min Scan# 1674

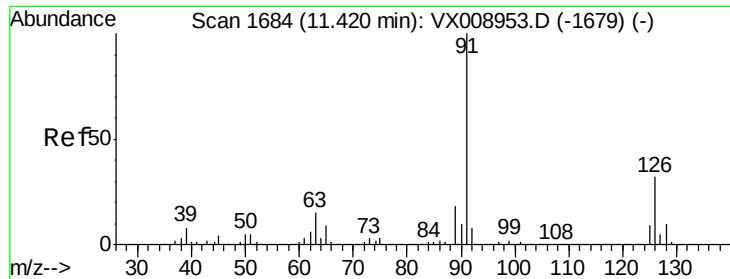
Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.9





#79

2-Chlorotoluene

Concen: 49.445 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 370375

Ion Ratio Lower Upper

91 100

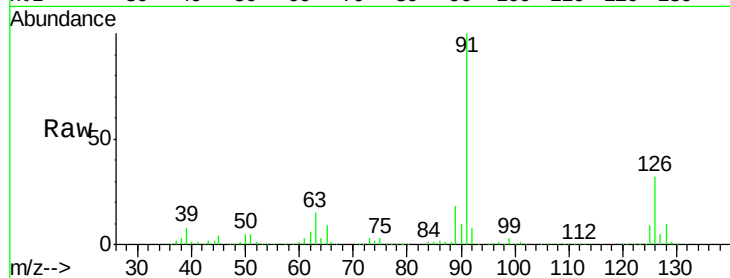
126 32.1 16.3 48.9

Manual Integrations

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

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

600000

500000

400000

300000

200000

100000

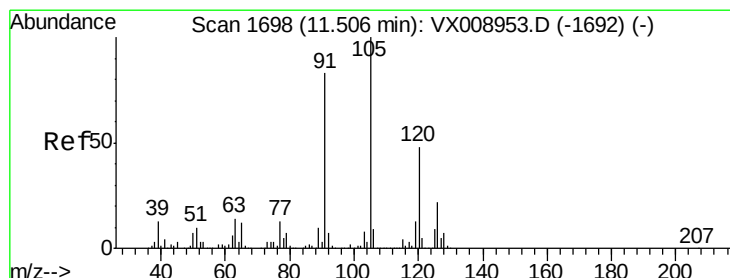
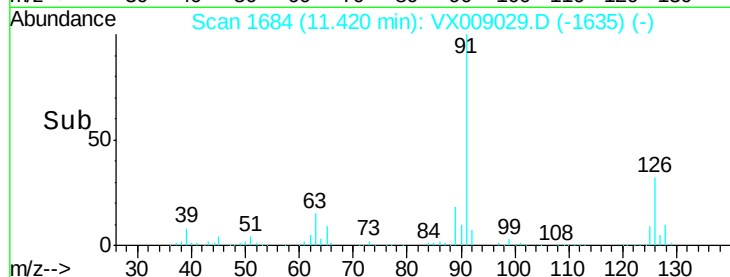
0

11.40

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.629 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009029.D

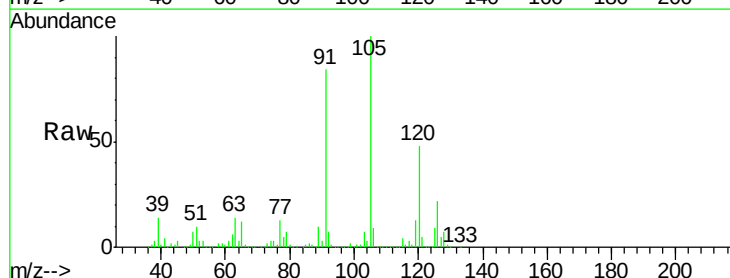
Acq: 17 Apr 2019 20:51

Tgt Ion:105 Resp: 460121

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3



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

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

400000

300000

200000

100000

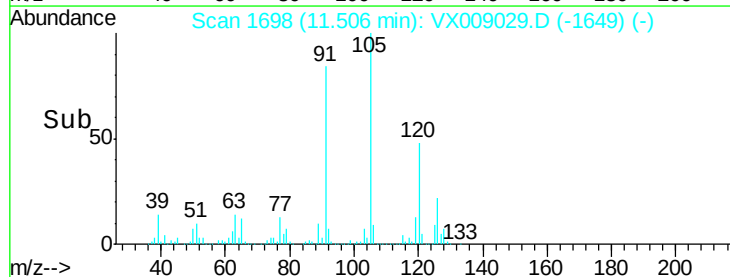
0

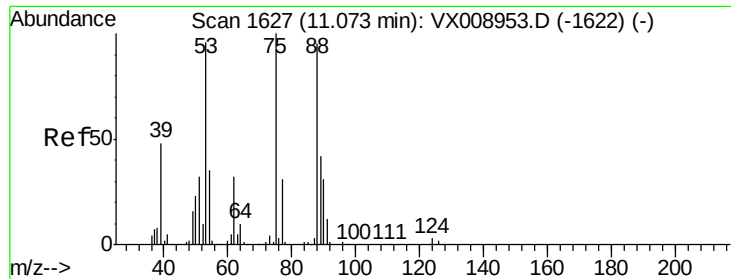
11.50

11.51

11.60

Time-->





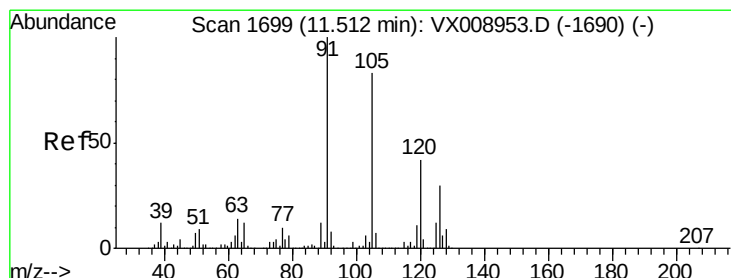
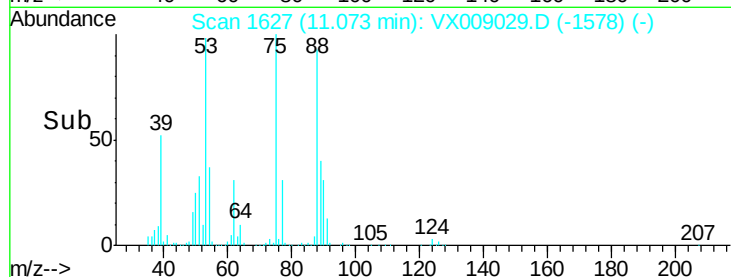
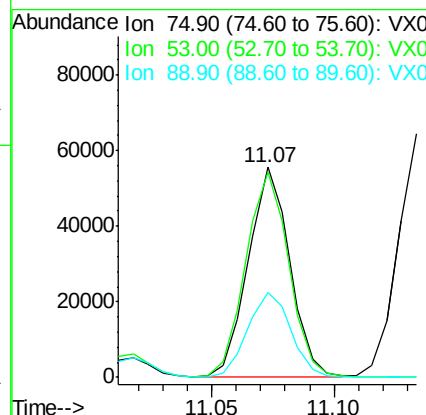
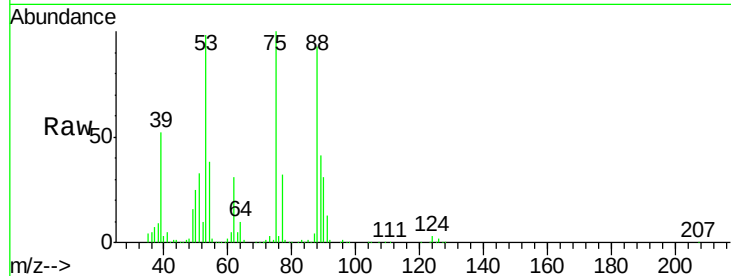
#81
trans-1,4-Dichloro-2-butene
Concen: 48.177 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.4	78.2	117.4
89	42.3	36.0	54.0

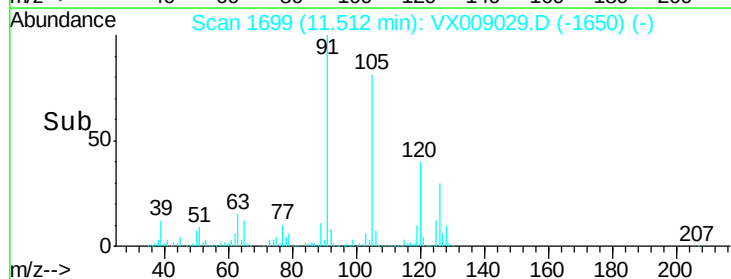
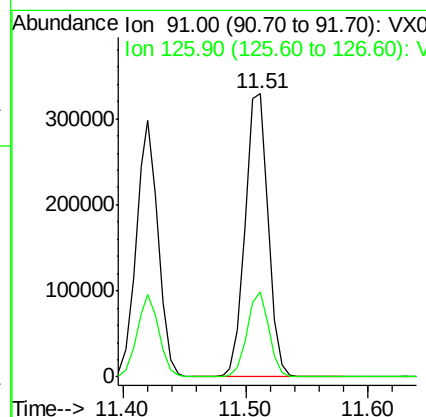
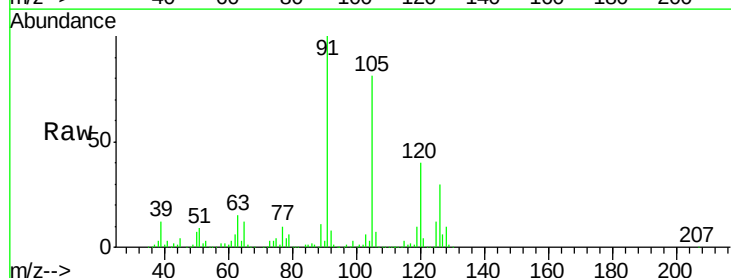
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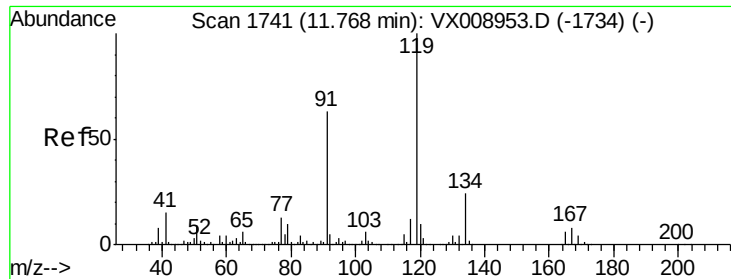
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#82
4-Chlorotoluene
Concen: 48.958 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.3	42.9





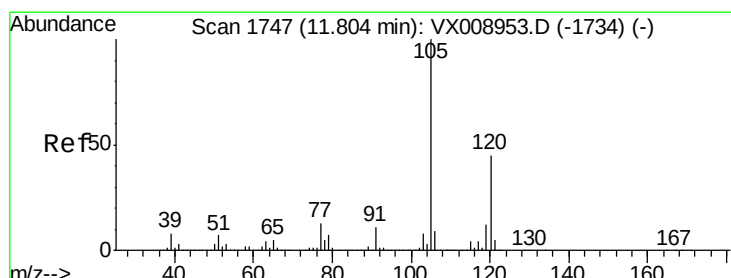
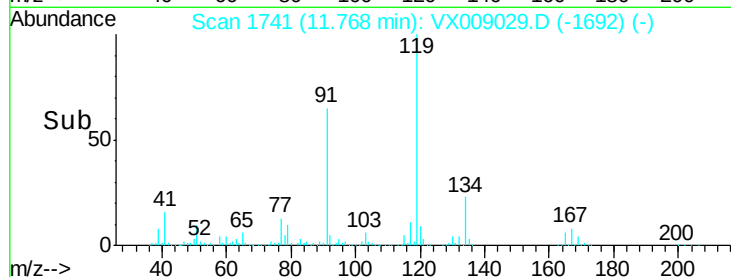
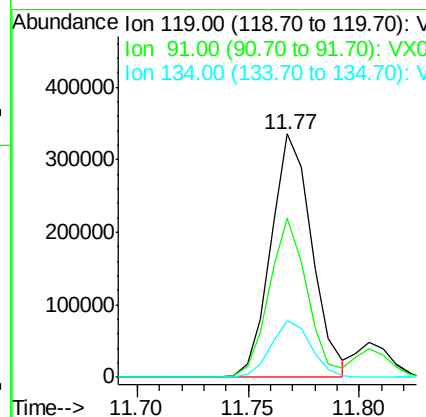
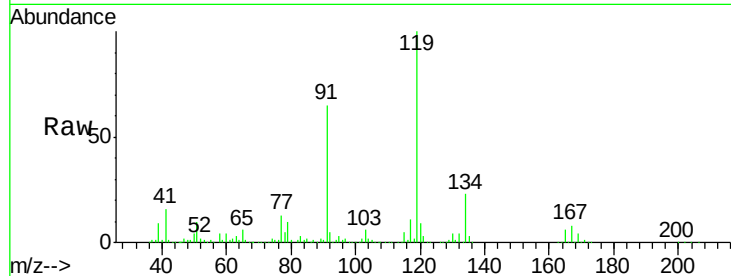
#83
 tert-Butylbenzene
 Concen: 49.127 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.7	89.1
134	22.7	11.2	33.5

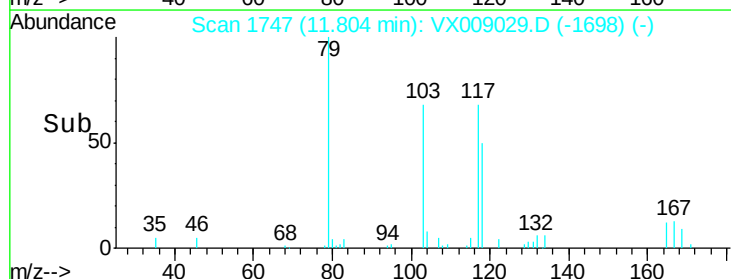
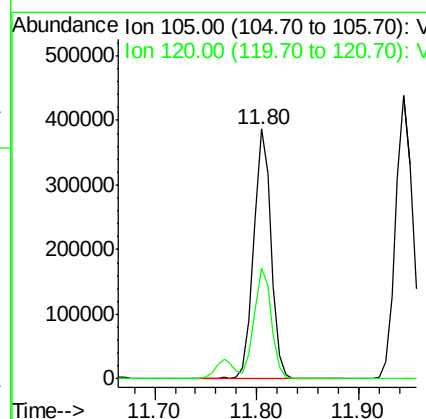
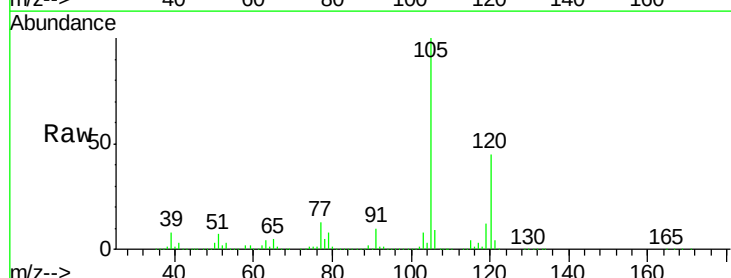
Manual Integrations
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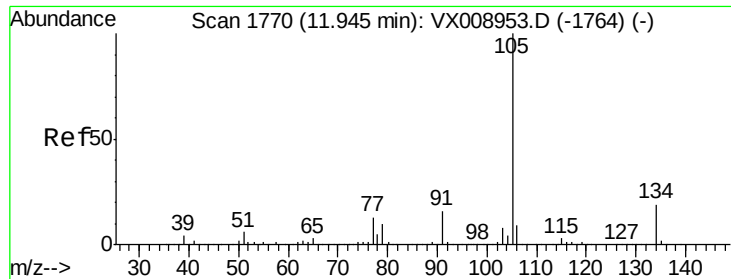
MMDadoda
 4/19/2019 3:01:16 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.735 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.8





#85

sec-Butylbenzene

Concen: 49.818 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 518433

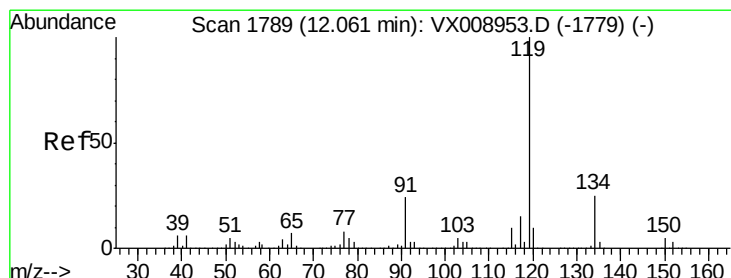
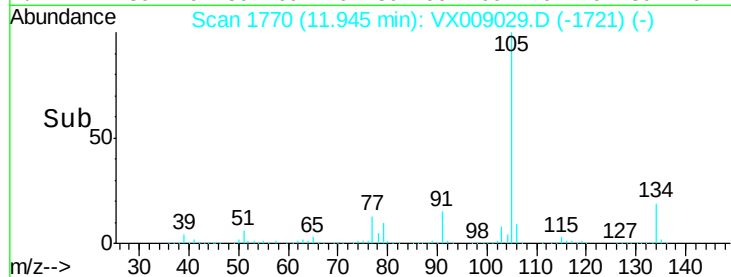
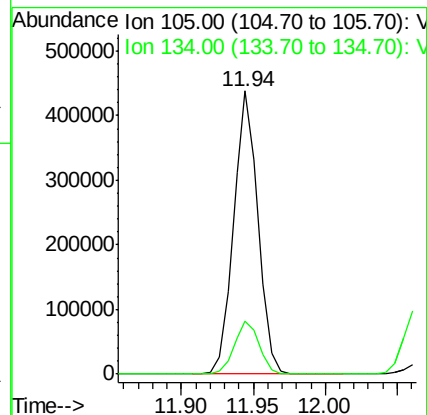
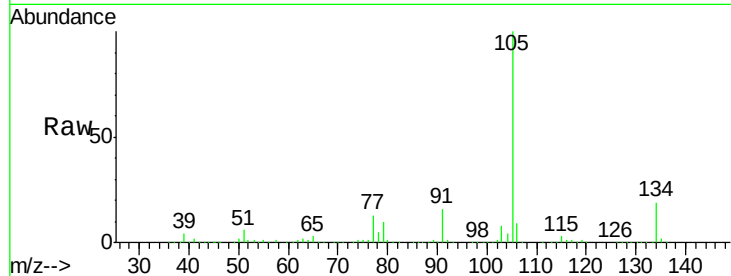
Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 49.084 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

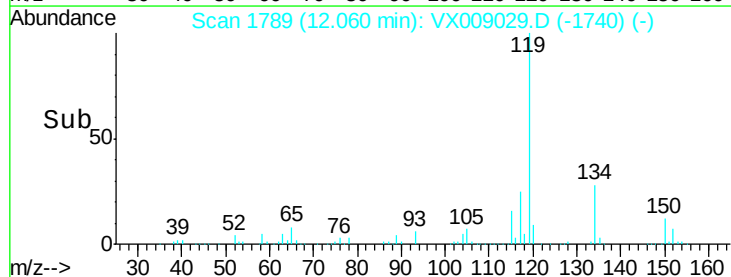
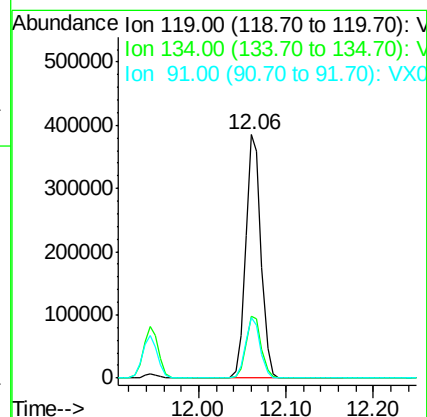
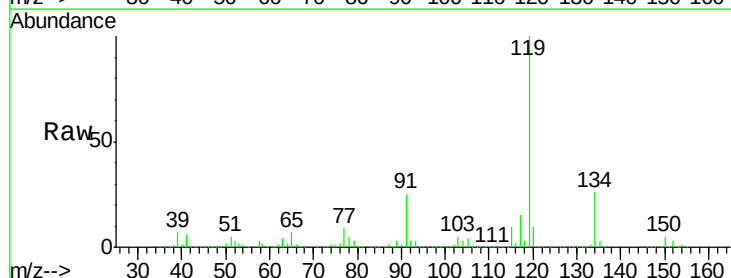
Tgt Ion:119 Resp: 469617

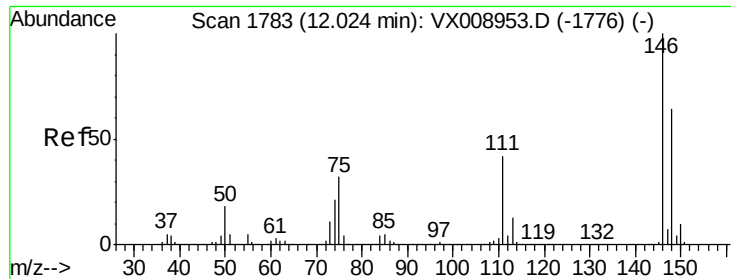
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 47.506 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

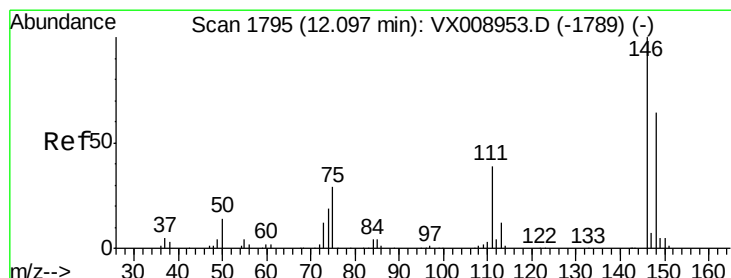
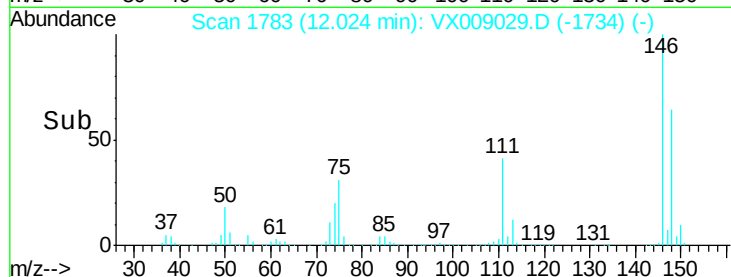
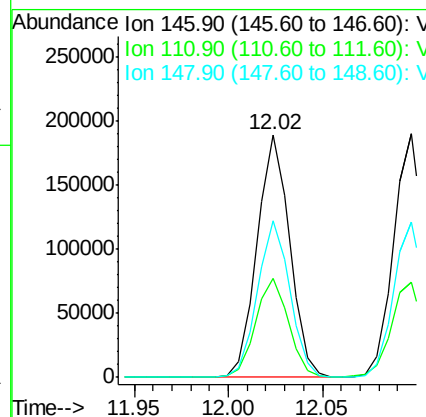
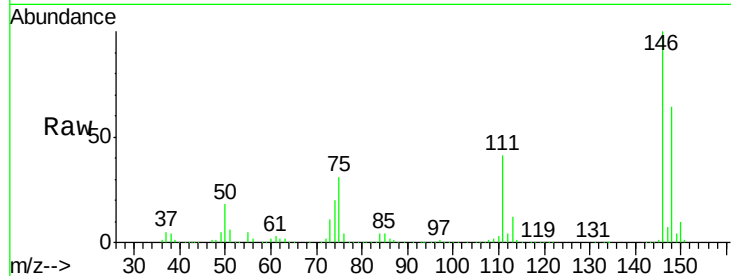
ClientSampleID :

VSTDCCC050EC

Tot Ion:	146	Resp:	227200
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.5	61.6
148	64.1	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.450 ug/l

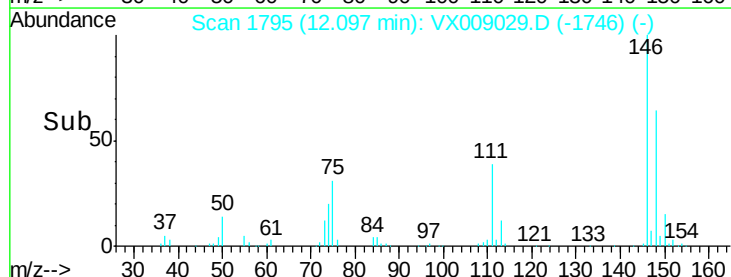
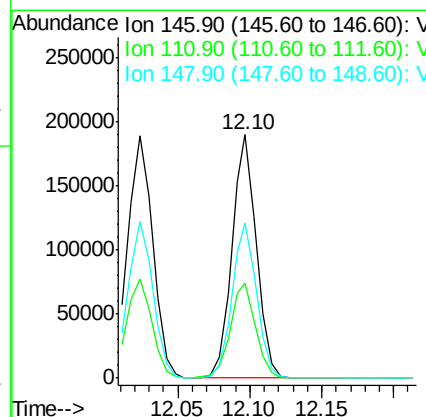
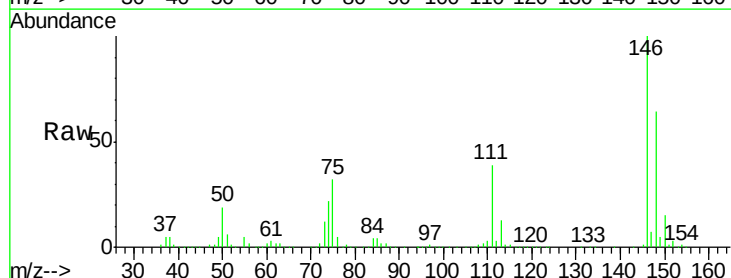
RT: 12.10 min Scan# 1795

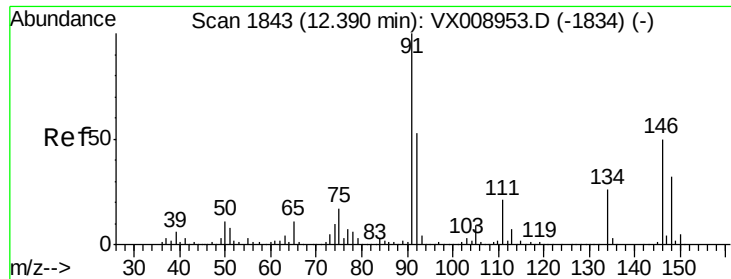
Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion:	146	Resp:	225193
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.0	59.9
148	64.3	32.2	96.6





#89

n-Butylbenzene

Concen: 48.239 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

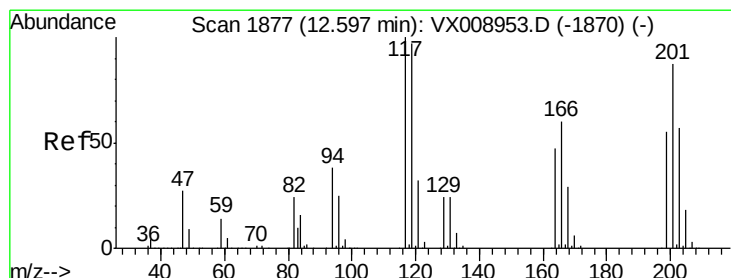
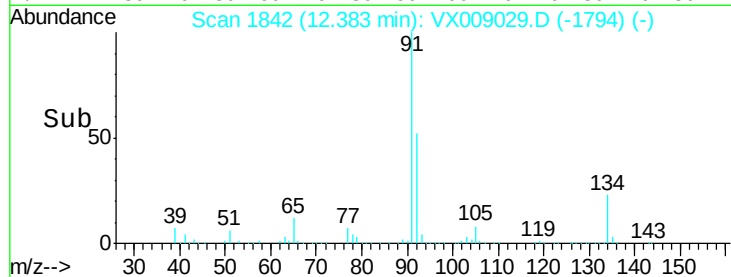
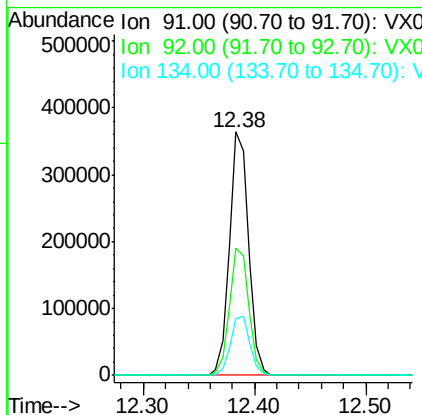
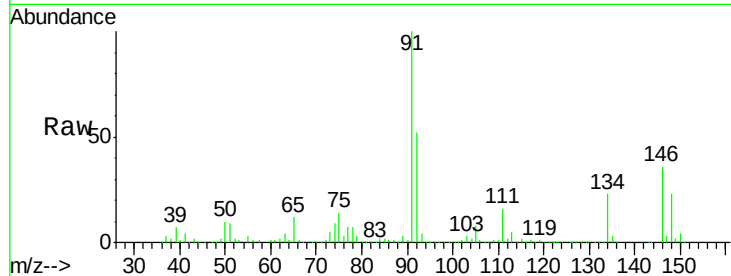
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	429831
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.6	79.8
134	24.5	12.4	37.2

Manual Integrations
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#90

Hexachloroethane

Concen: 49.883 ug/l

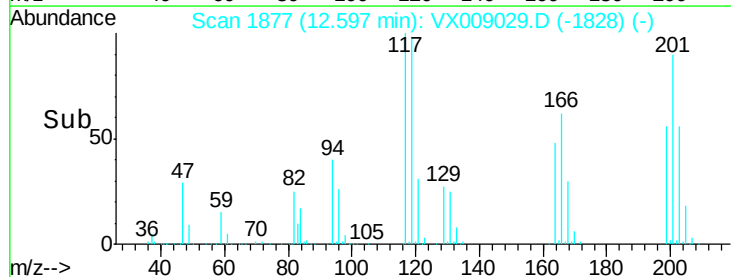
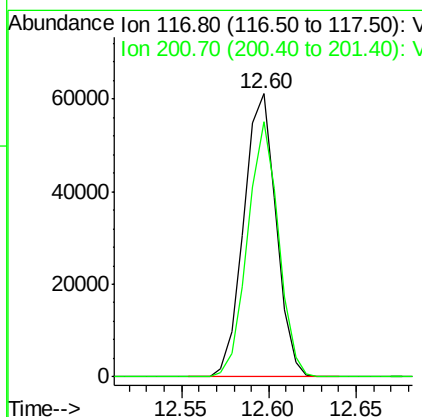
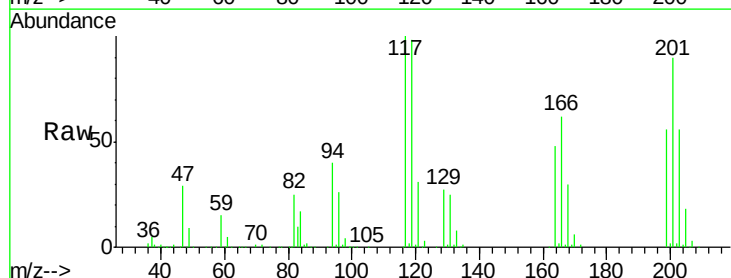
RT: 12.60 min Scan# 1877

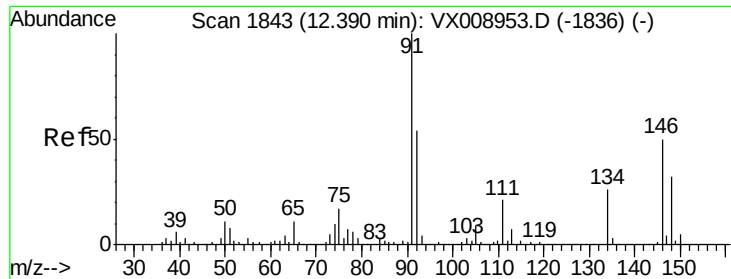
Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion:	117	Resp:	78726
Ion Ratio	Lower	Upper	
117	100		
201	85.6	43.0	129.0





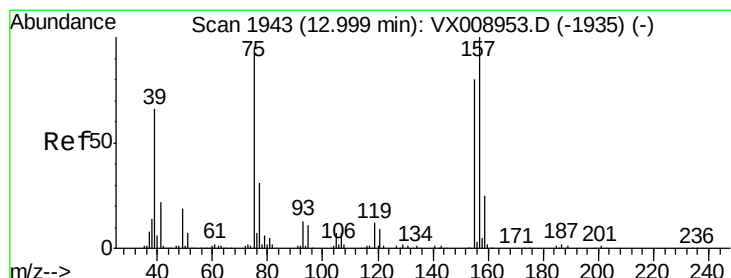
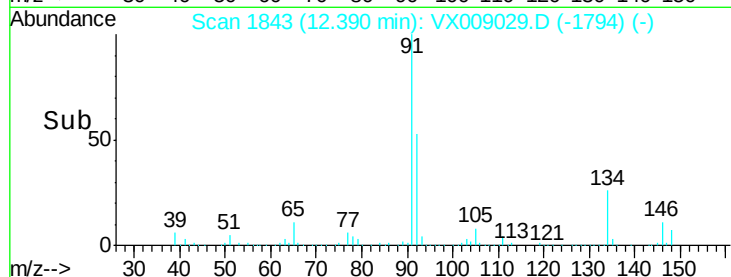
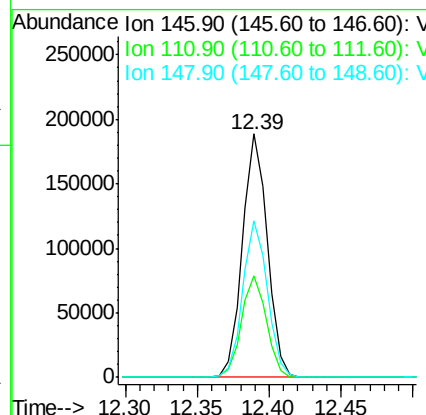
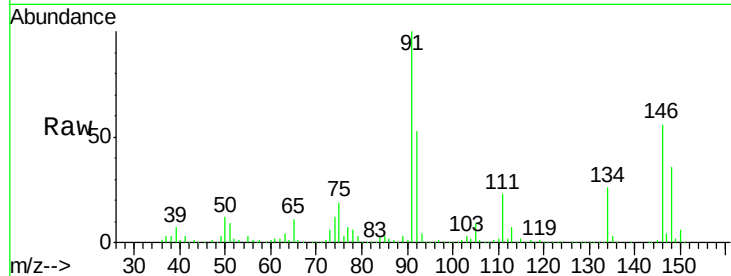
#91
 1,2-Dichlorobenzene
 Concen: 48.116 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	227232		
111	41.8	20.6	61.9	
148	63.9	32.0	96.2	

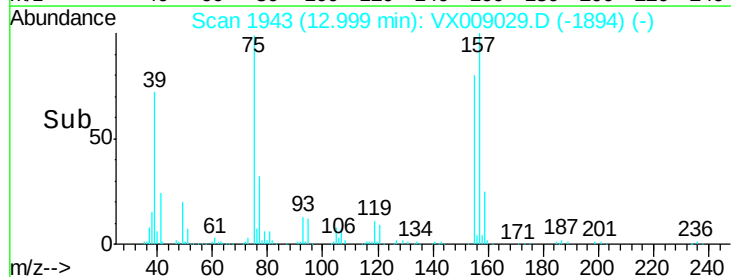
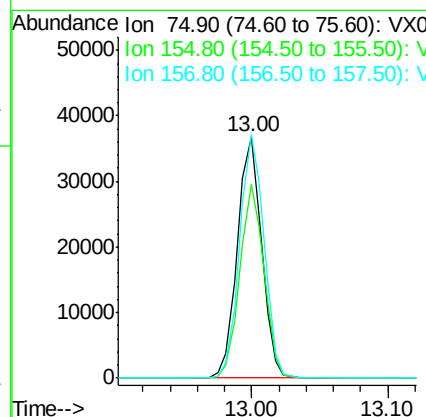
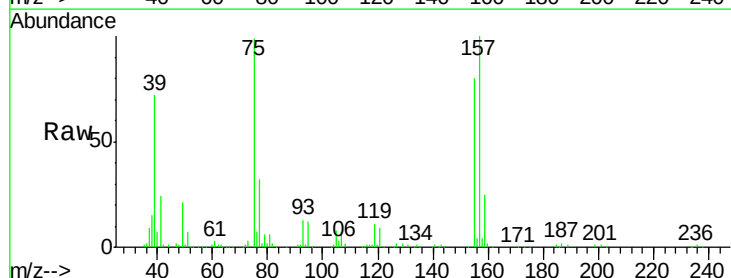
Manual Integrations
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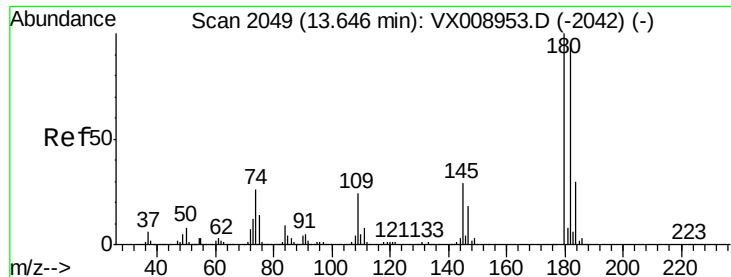
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.769 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45741		
155	79.6	41.2	123.6	
157	101.2	52.5	157.6	





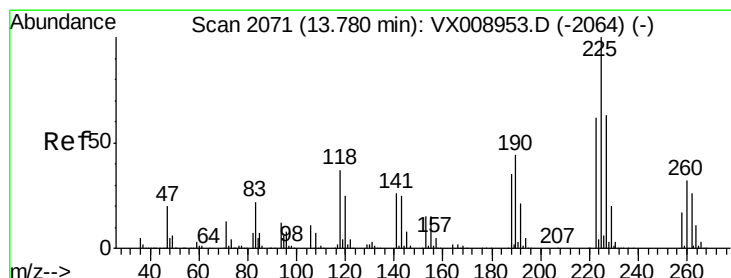
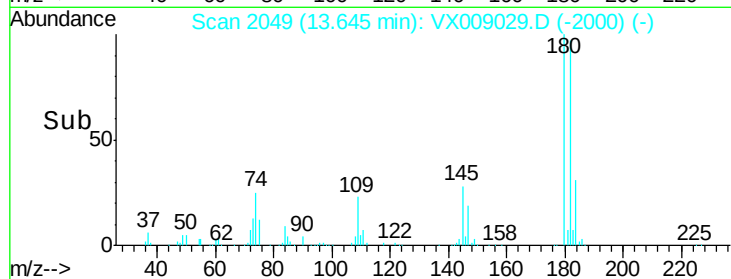
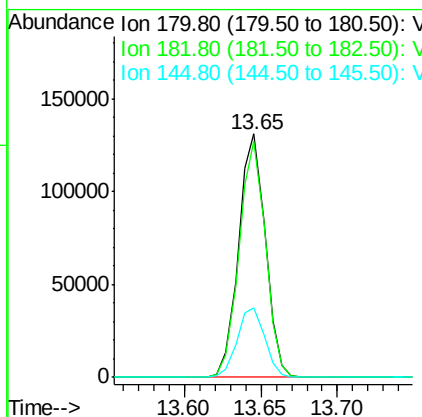
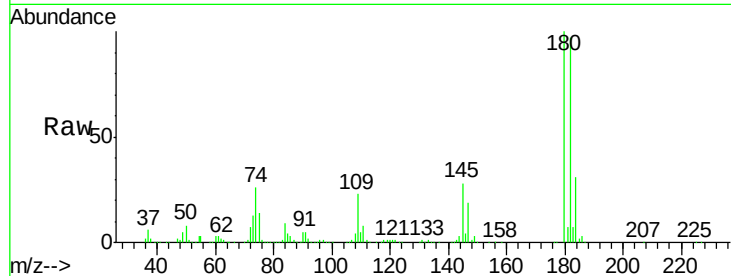
#93
 1,2,4-Trichlorobenzene
 Concen: 46.564 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	158742
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.6	142.9
145	29.4	14.8	44.4

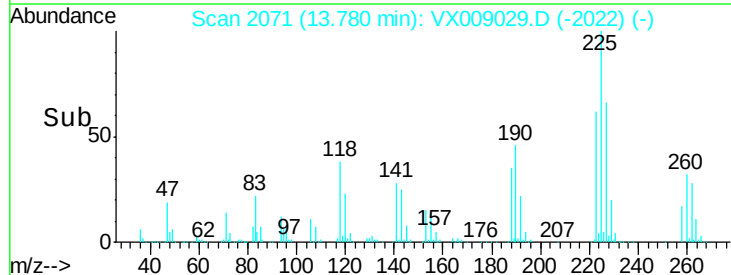
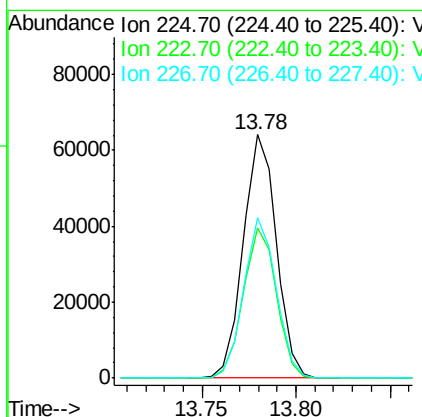
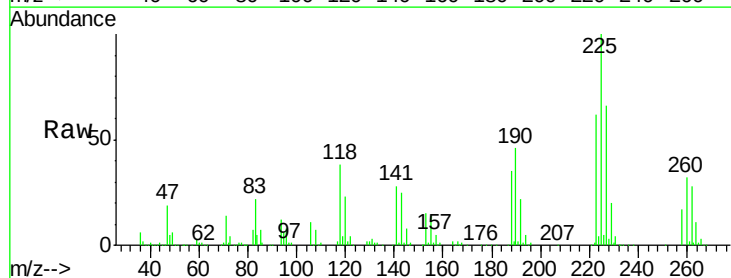
Manual Integrations
 APPROVED

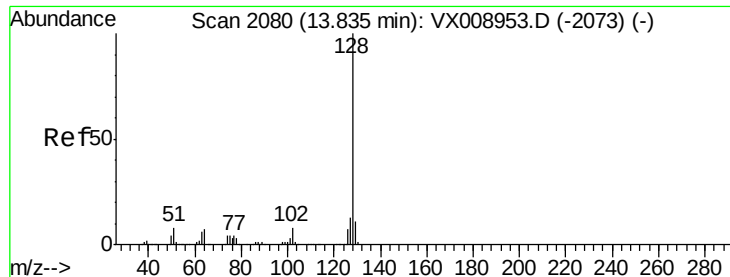
MMDadoda
 4/19/2019 3:01:16 PM



#94
 Hexachlorobutadiene
 Concen: 45.965 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion:	225	Resp:	78154
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.1	93.2
227	64.7	32.0	96.2





#95

Naphthalene

Concen: 49.437 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

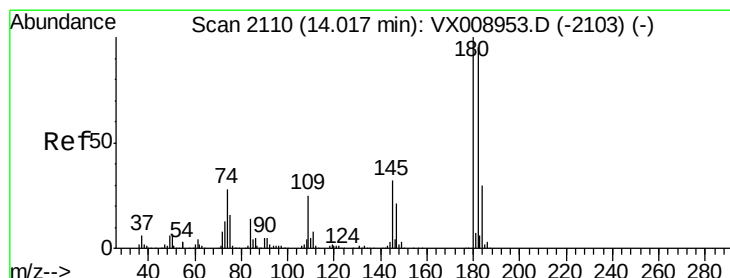
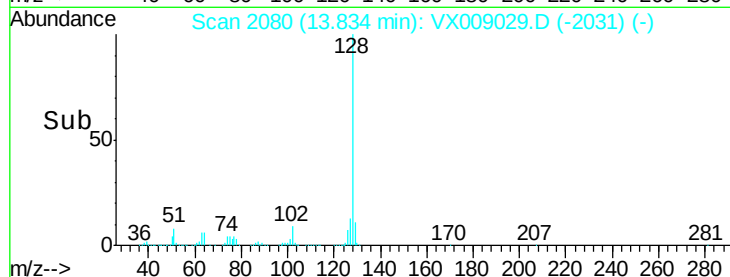
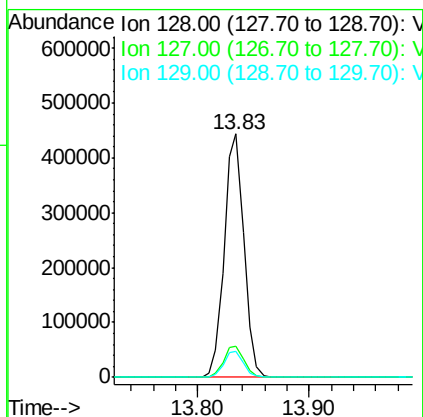
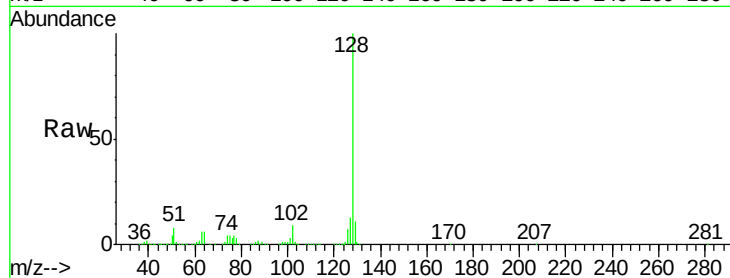
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	539955
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/19/2019 3:01:16 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.764 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion:	180	Resp:	160662
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.8	143.4
145	31.3	15.8	47.3

